

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028643.D
 Acq On : 12 May 2022 17:13
 Operator : JC/MD
 Sample : VX0512WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Quant Time: May 13 02:47:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	243066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	413035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160326	48.119	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	126501	46.746	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.500%		
50) Toluene-d8	8.653	98	487076	47.740	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.480%		
62) 4-Bromofluorobenzene	11.079	95	177814	46.661	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	58561	18.400	ug/l	100
3) Chloromethane	1.288	50	52217	17.421	ug/l	99
4) Vinyl Chloride	1.374	62	57956	17.942	ug/l	99
5) Bromomethane	1.599	94	43697	15.289	ug/l	94
6) Chloroethane	1.685	64	38552	17.517	ug/l	97
7) Trichlorofluoromethane	1.886	101	92247	17.912	ug/l	99
8) Diethyl Ether	2.130	74	33951	18.093	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	47438	17.505	ug/l	95
10) Methyl Iodide	2.453	142	48974	15.094	ug/l	95
11) Tert butyl alcohol	2.959	59	64278	85.659	ug/l	99
12) 1,1-Dichloroethene	2.319	96	44592	17.726	ug/l	97
13) Acrolein	2.233	56	44268	80.945	ug/l	96
14) Allyl chloride	2.660	41	70224	17.405	ug/l	89
15) Acrylonitrile	3.063	53	145006	90.329	ug/l	99
16) Acetone	2.380	43	125670	87.884	ug/l	93
17) Carbon Disulfide	2.508	76	111418	17.086	ug/l	97
18) Methyl Acetate	2.703	43	64278	17.947	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	157540	17.647	ug/l	97
20) Methylene Chloride	2.788	84	51892	17.297	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	48837	17.235	ug/l	95
22) Diisopropyl ether	3.764	45	155115	17.990	ug/l	92
23) Vinyl Acetate	3.721	43	680517	91.554	ug/l	96
24) 1,1-Dichloroethane	3.611	63	88373	17.630	ug/l	99
25) 2-Butanone	4.556	43	203312	90.579	ug/l	95
26) 2,2-Dichloropropane	4.471	77	69387	17.655	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	58098	17.555	ug/l	99
28) Bromochloromethane	4.898	49	38047	18.033	ug/l	91
29) Tetrahydrofuran	5.001	42	131966	90.450	ug/l	91
30) Chloroform	5.093	83	97230	17.923	ug/l	97
31) Cyclohexane	5.471	56	80472	17.400	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	83391	17.608	ug/l	99
36) 1,1-Dichloropropene	5.696	75	69581	17.119	ug/l	99
37) Ethyl Acetate	4.715	43	76841	18.100	ug/l	98
38) Carbon Tetrachloride	5.678	117	71935	17.586	ug/l	97
39) Methylcyclohexane	7.385	83	79986	17.160	ug/l	96
40) Benzene	6.038	78	205712	17.610	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39794	17.482	ug/l	94
42) 1,2-Dichloroethane	6.092	62	76716	17.804	ug/l	97
43) Isopropyl Acetate	6.342	43	119404	17.978	ug/l	94
44) Trichloroethene	7.129	130	56069	17.698	ug/l	99
45) 1,2-Dichloropropane	7.434	63	51902	17.808	ug/l	100
46) Dibromomethane	7.586	93	38795	17.824	ug/l	90
47) Bromodichloromethane	7.824	83	70218	17.377	ug/l	100
48) Methyl methacrylate	7.696	41	58537	18.245	ug/l	86
49) 1,4-Dioxane	7.659	88	28459	355.061	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	402867	92.088	ug/l	93
52) Toluene	8.720	92	135896	18.085	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	72234	16.660	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	78691	17.307	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	54120	17.662	ug/l	97
56) Ethyl methacrylate	9.116	69	83381	17.969	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	91647	17.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	193138	85.016	ug/l	100
59) 2-Hexanone	9.433	43	314998	92.676	ug/l	90
60) Dibromochloromethane	9.525	129	51251	17.150	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58022	18.029	ug/l	100
64) Tetrachloroethene	9.275	164	51043	17.655	ug/l	96
65) Chlorobenzene	10.080	112	144342	17.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50706	17.624	ug/l	99
67) Ethyl Benzene	10.195	91	257944	17.719	ug/l	99
68) m/p-Xylenes	10.305	106	202749	35.773	ug/l	99
69) o-Xylene	10.640	106	98880	17.720	ug/l	100
70) Styrene	10.659	104	160992	17.766	ug/l	97
71) Bromoform	10.799	173	35098	16.026	ug/l #	100
73) Isopropylbenzene	10.964	105	256665	18.024	ug/l	98
74) N-amyl acetate	10.842	43	100615	17.975	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	88081	18.030	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79764m	18.138	ug/l	
77) Bromobenzene	11.201	156	60717	18.021	ug/l	97
78) n-propylbenzene	11.305	91	295994	17.970	ug/l	99
79) 2-Chlorotoluene	11.366	91	180140	17.843	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	213605	18.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21466	17.305	ug/l #	79
82) 4-Chlorotoluene	11.457	91	204481	17.520	ug/l	100
83) tert-Butylbenzene	11.713	119	204002	17.758	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	213346	17.931	ug/l	99
85) sec-Butylbenzene	11.890	105	254986	17.994	ug/l	99
86) p-Isopropyltoluene	12.012	119	213440	17.950	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113915	17.237	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116907	17.055	ug/l	97
89) n-Butylbenzene	12.335	91	181074	17.575	ug/l	98
90) Hexachloroethane	12.543	117	32605	16.956	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	113881	17.541	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18125	17.376	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	64782	17.277	ug/l	98
94) Hexachlorobutadiene	13.725	225	26837	17.617	ug/l	95
95) Naphthalene	13.774	128	238720	17.891	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62700	16.649	ug/l	96

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Instrument :
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QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

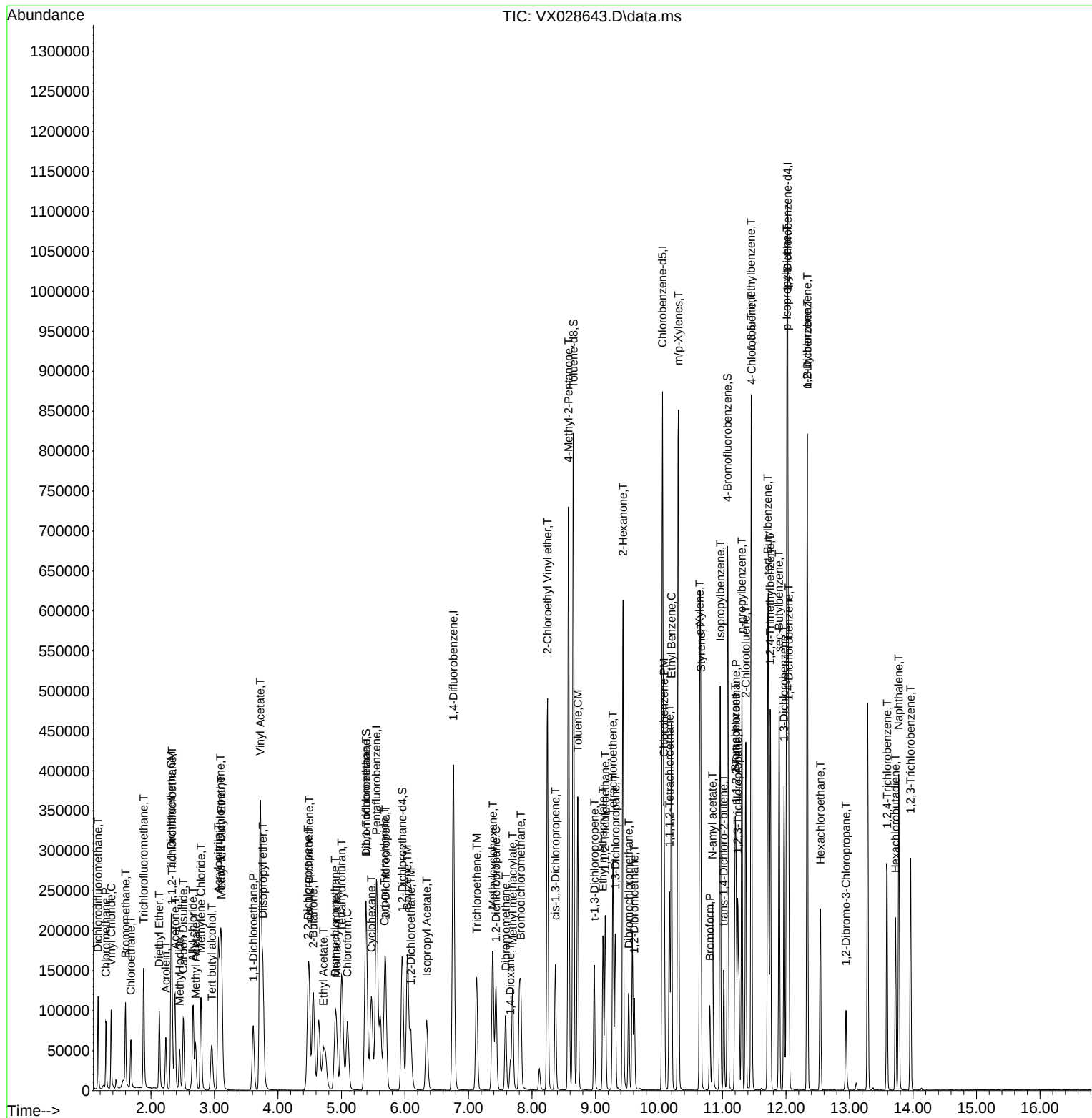
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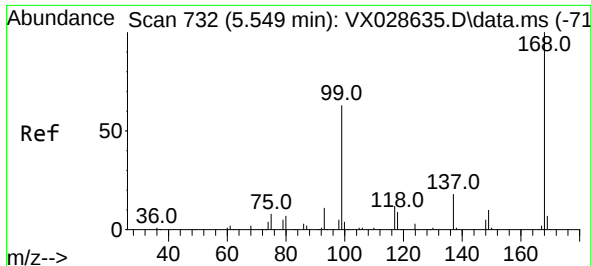
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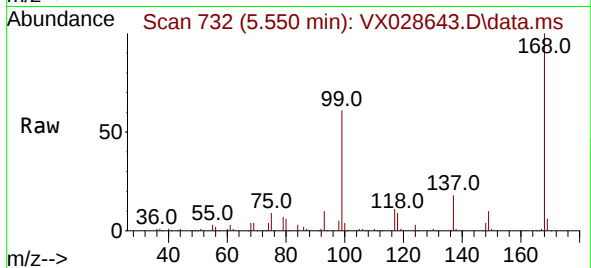
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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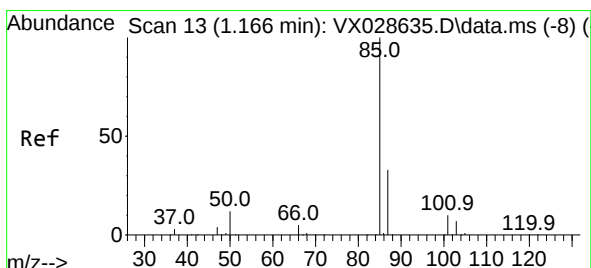
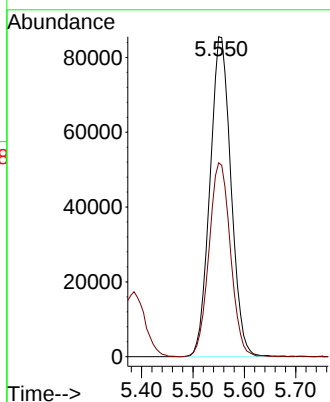
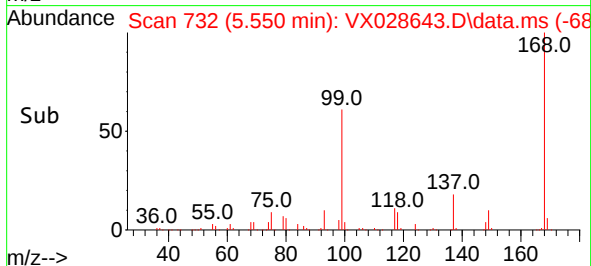
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion:168 Resp: 24306
Ion Ratio Lower Upper
168 100
99 60.6 41.7 62.5

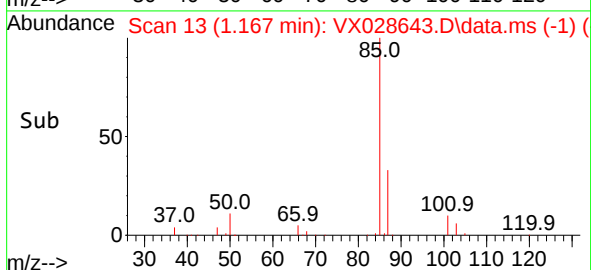
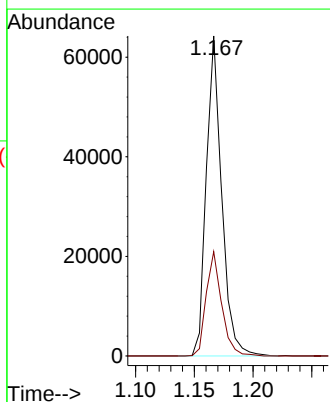
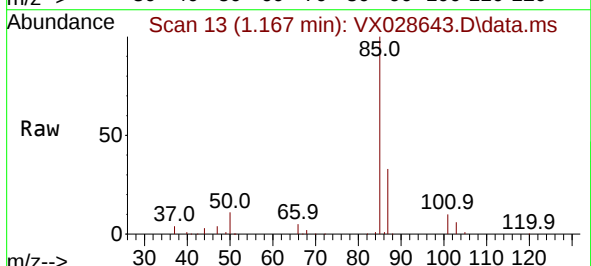
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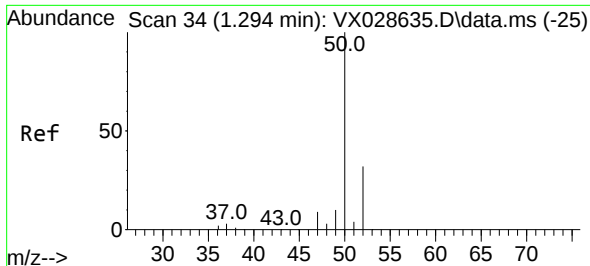
Reviewed By :John Carlone 05/13/2022
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#2
Dichlorodifluoromethane
Concen: 18.400 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 85 Resp: 58561
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





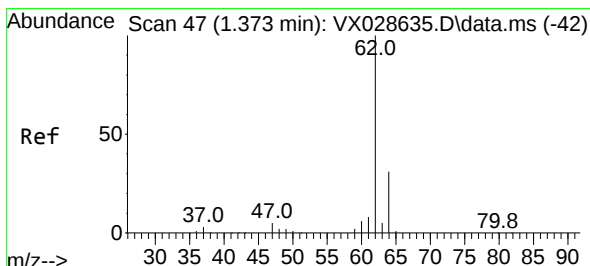
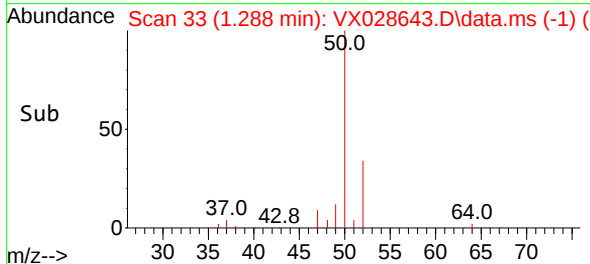
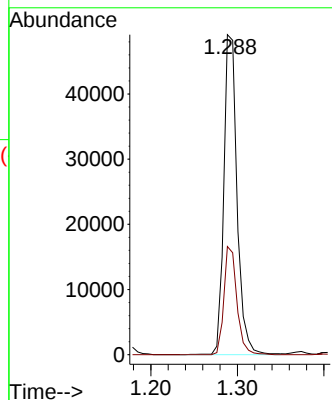
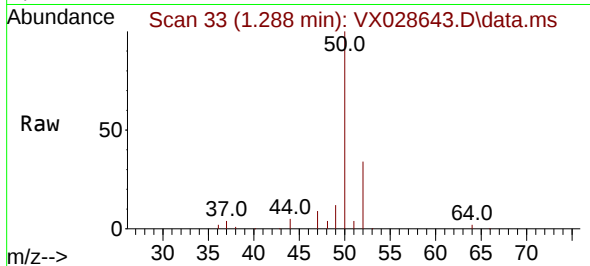
#3
Chloromethane
Concen: 17.421 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Instrument :
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Tgt Ion: 50 Resp: 5221
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

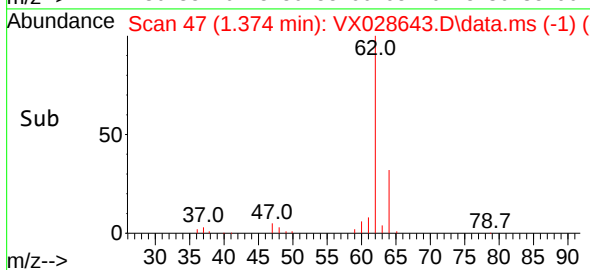
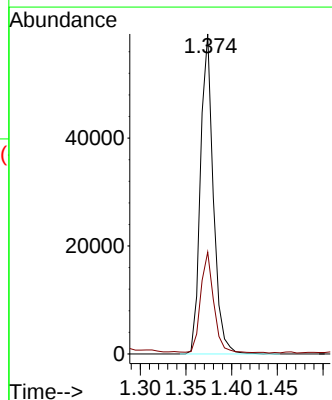
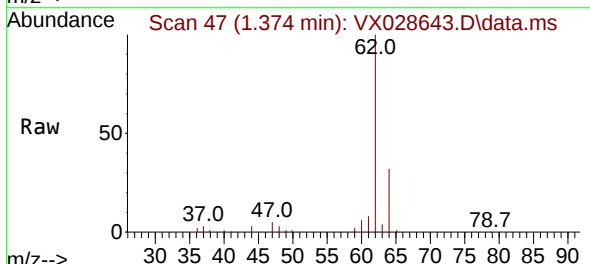
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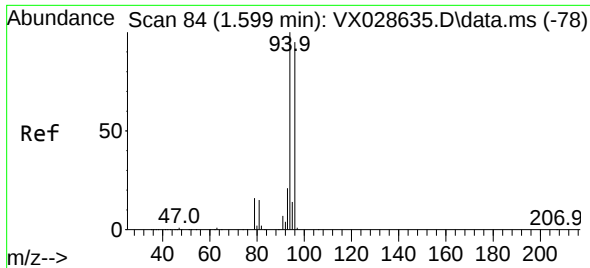
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 17.942 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

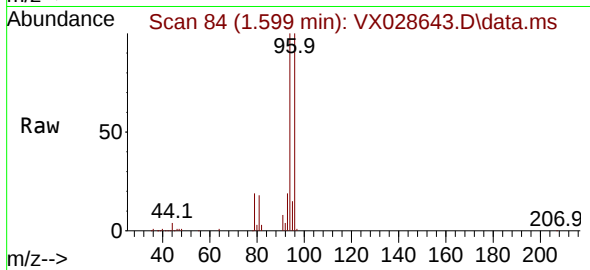
Tgt Ion: 62 Resp: 57956
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5
Bromomethane
Concen: 15.289 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

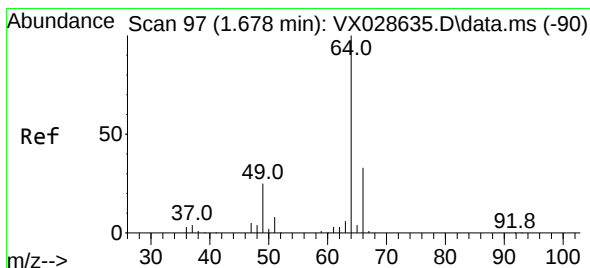
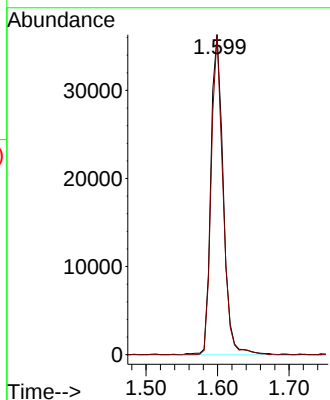
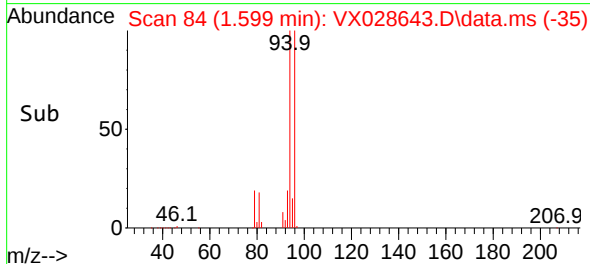
Instrument :
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Tgt Ion: 94 Resp: 4369
Ion Ratio Lower Upper
94 100
96 100.0 75.3 112.9

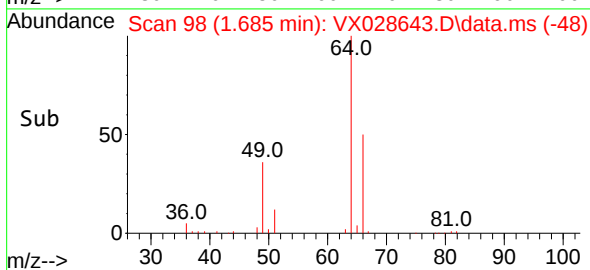
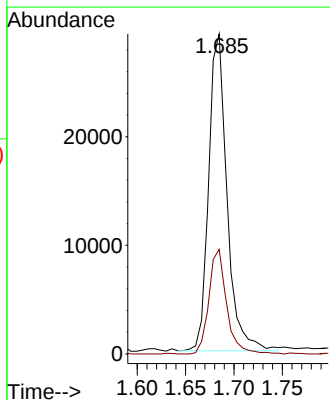
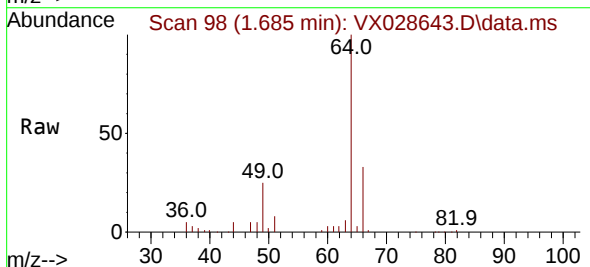
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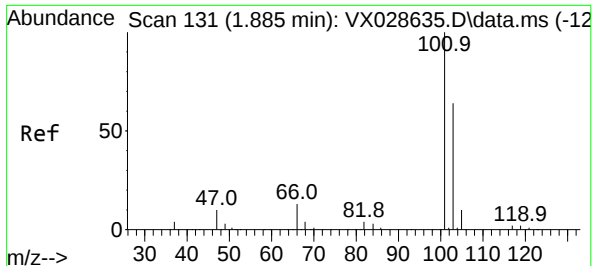
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#6
Chloroethane
Concen: 17.517 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 64 Resp: 38552
Ion Ratio Lower Upper
64 100
66 33.0 25.3 37.9





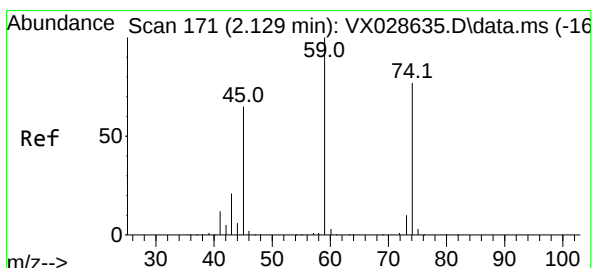
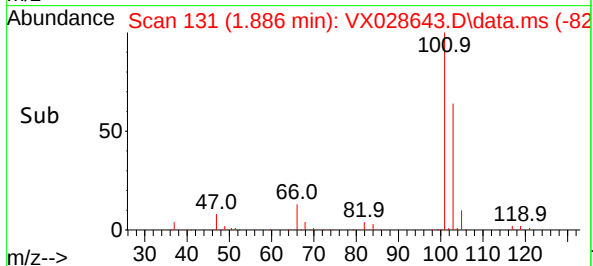
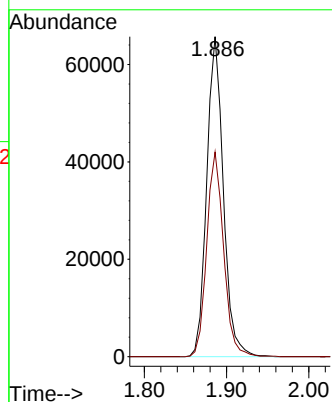
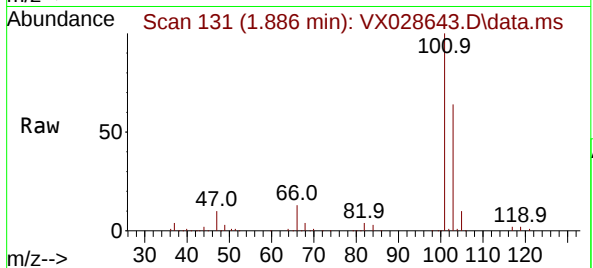
#7
Trichlorofluoromethane
Concen: 17.912 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028643.D
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Instrument :
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Tgt Ion:101 Resp: 9224
Ion Ratio Lower Upper
101 100
103 63.9 50.5 75.7

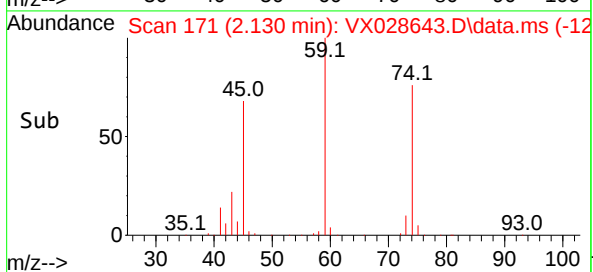
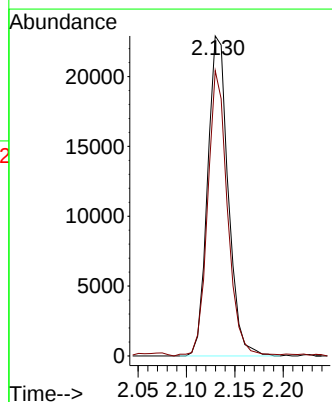
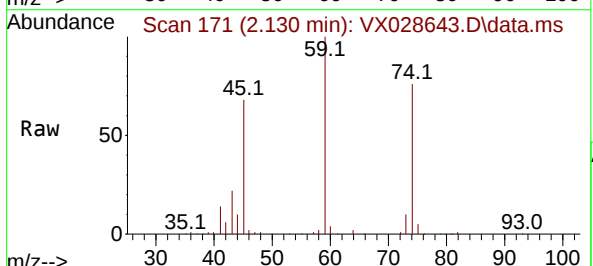
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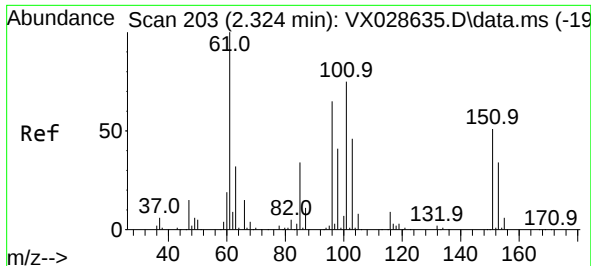
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#8
Diethyl Ether
Concen: 18.093 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

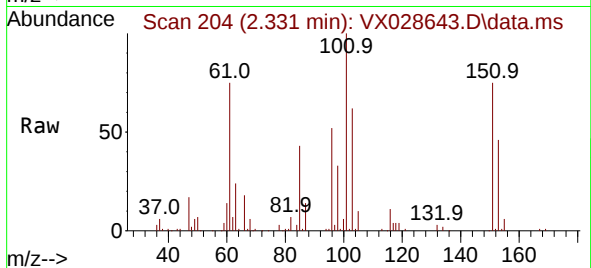
Tgt Ion: 74 Resp: 33951
Ion Ratio Lower Upper
74 100
45 86.0 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.505 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

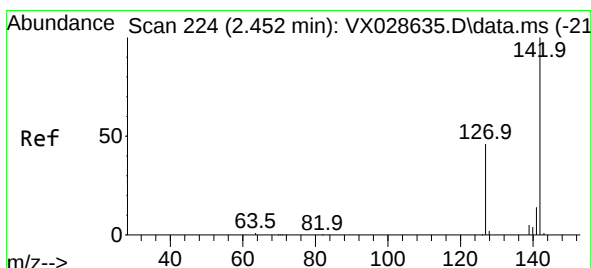
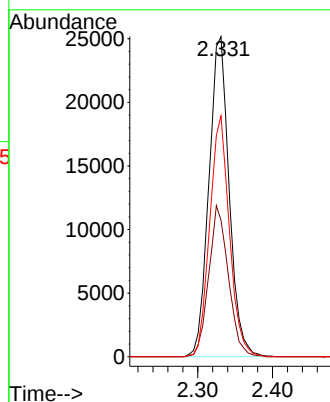
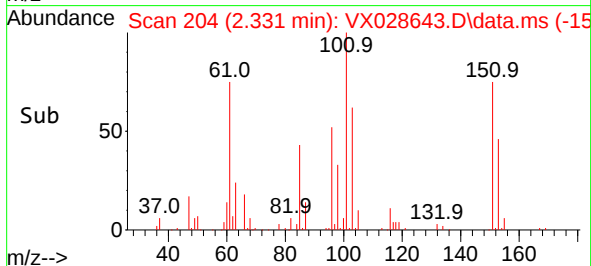
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion:101 Resp: 47438
Ion Ratio Lower Upper
101 100
85 45.8 33.5 50.3
151 73.2 61.8 92.6

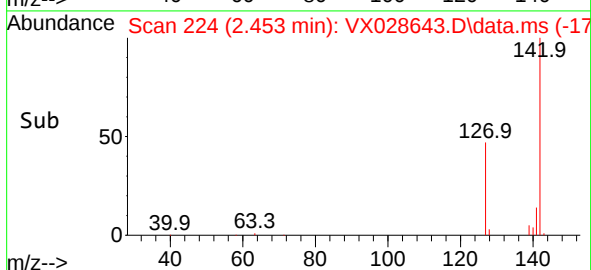
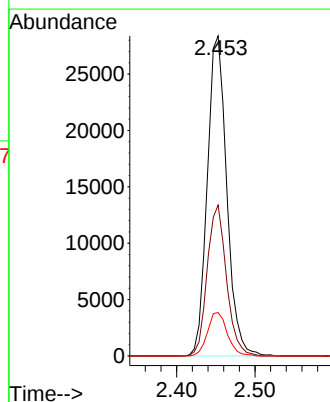
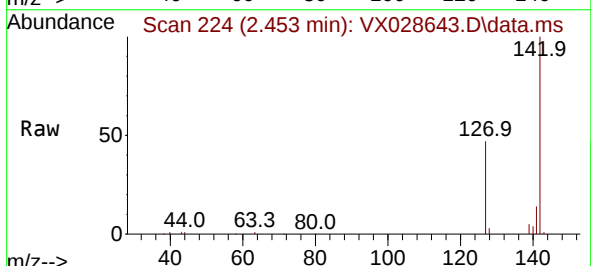
Manual Integrations
APPROVED

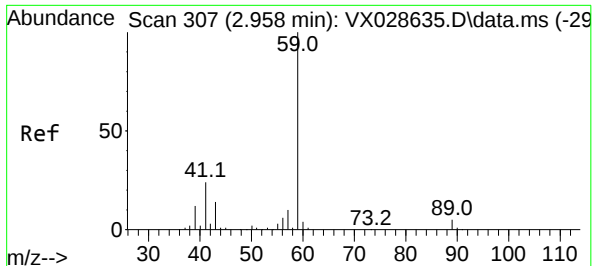
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 15.094 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion:142 Resp: 48974
Ion Ratio Lower Upper
142 100
127 46.6 33.9 50.9
141 13.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 85.659 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 59 Resp: 64278

Ion Ratio Lower Upper

59 100

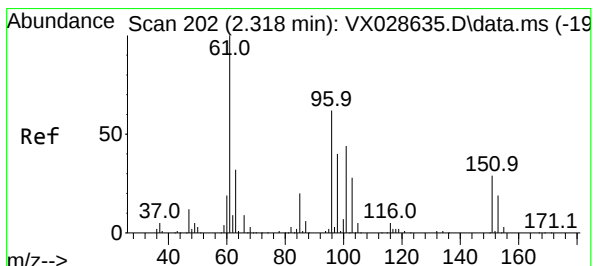
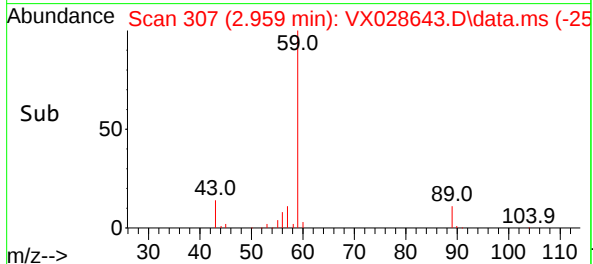
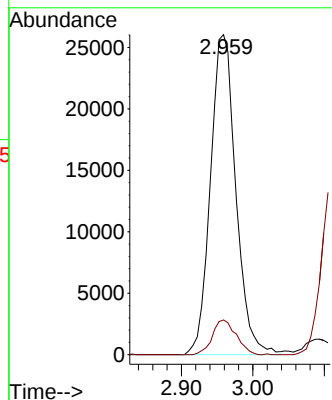
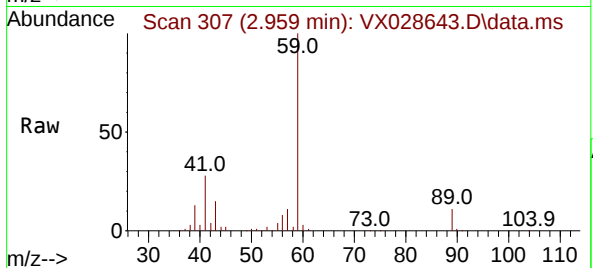
57 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#12

1,1-Dichloroethene

Concen: 17.726 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

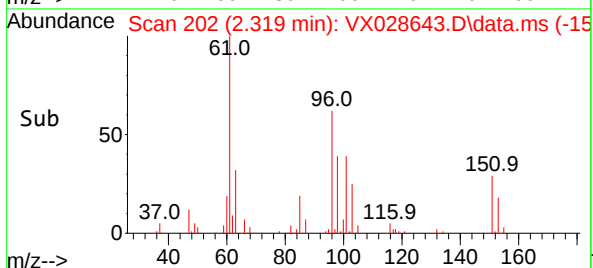
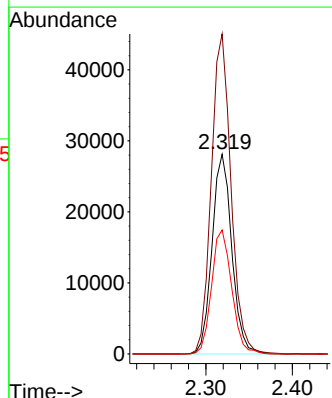
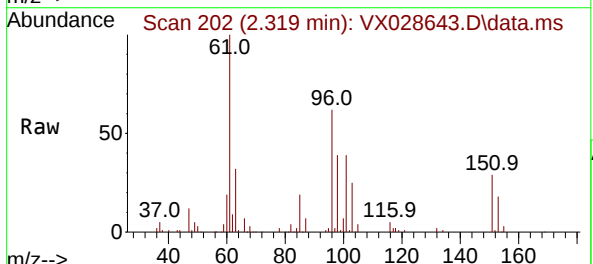
Tgt Ion: 96 Resp: 44592

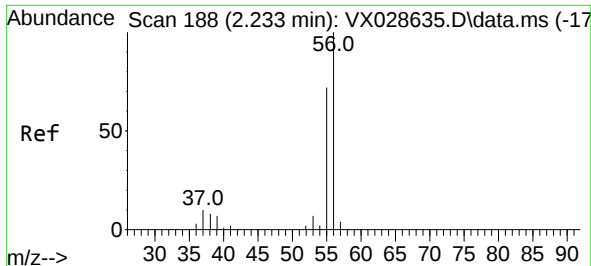
Ion Ratio Lower Upper

96 100

61 160.2 124.6 187.0

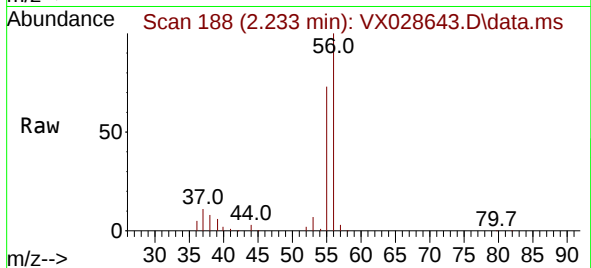
98 62.1 51.0 76.4





#13
Acrolein
Concen: 80.945 ug/l
RT: 2.233 min Scan# 118
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

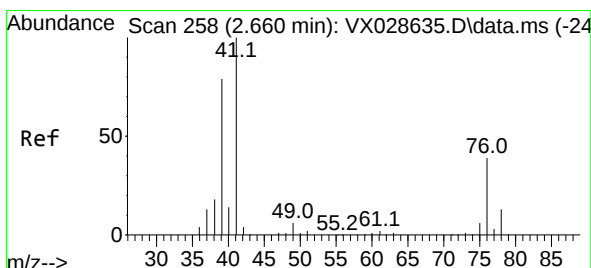
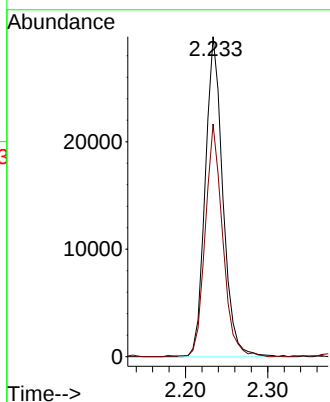
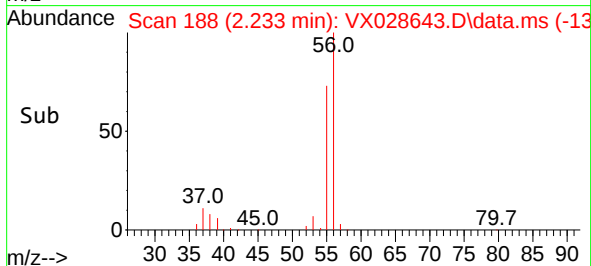
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



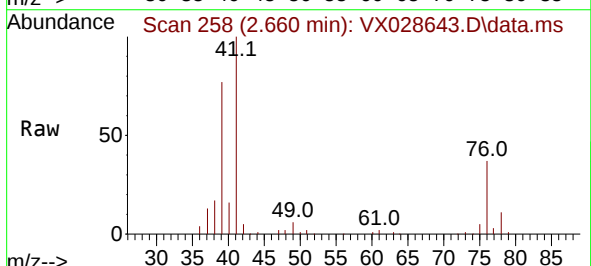
Tgt Ion: 56 Resp: 44268
Ion Ratio Lower Upper
56 100
55 72.0 55.0 82.6

Manual Integrations
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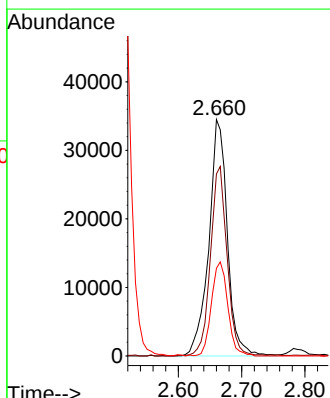
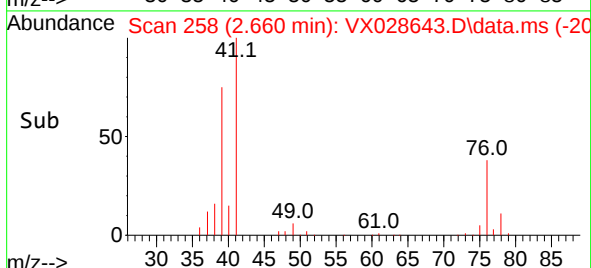
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

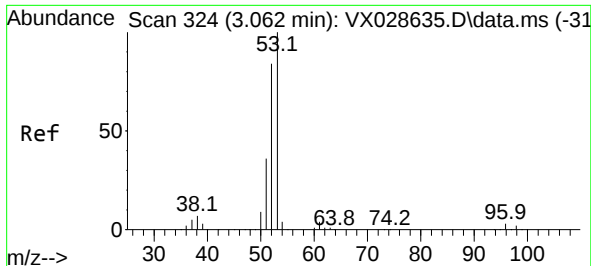


#14
Allyl chloride
Concen: 17.405 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13



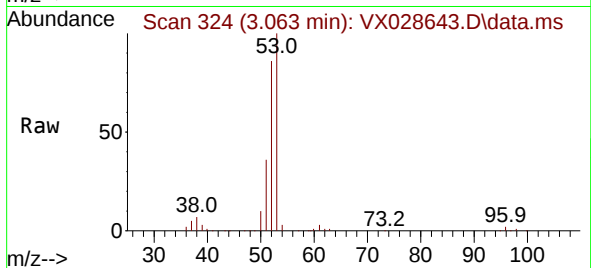
Tgt Ion: 41 Resp: 70224
Ion Ratio Lower Upper
41 100
39 72.1 50.4 75.6
76 35.0 32.7 49.1





#15
Acrylonitrile
Concen: 90.329 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

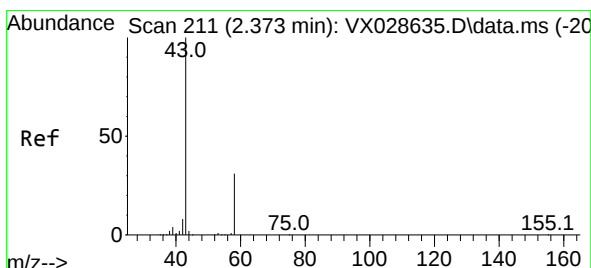
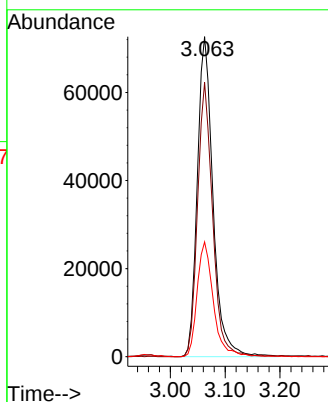
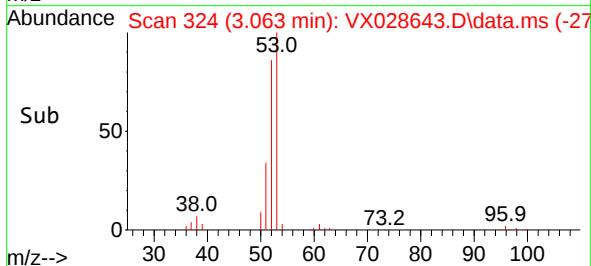
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 53 Resp: 145000
Ion Ratio Lower Upper
53 100
52 81.9 65.7 98.5
51 36.9 28.4 42.6

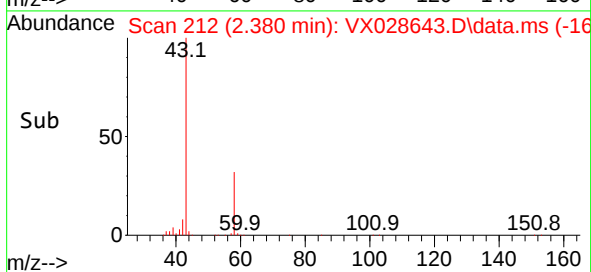
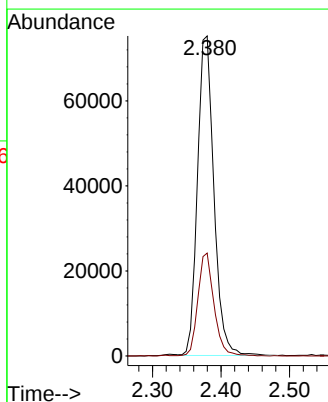
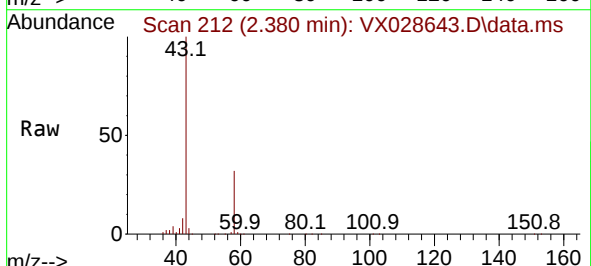
Manual Integrations
APPROVED

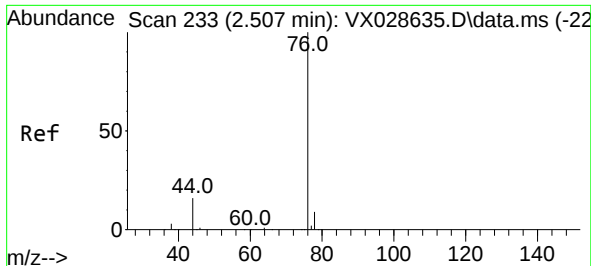
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 87.884 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

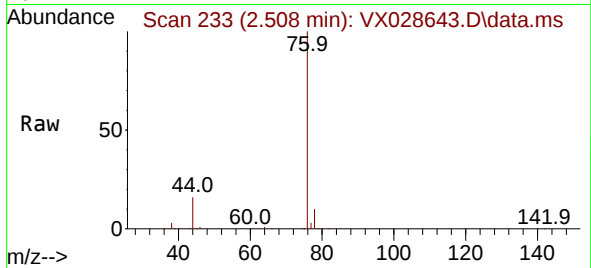
Tgt Ion: 43 Resp: 125670
Ion Ratio Lower Upper
43 100
58 32.1 28.8 43.2





#17
Carbon Disulfide
Concen: 17.086 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

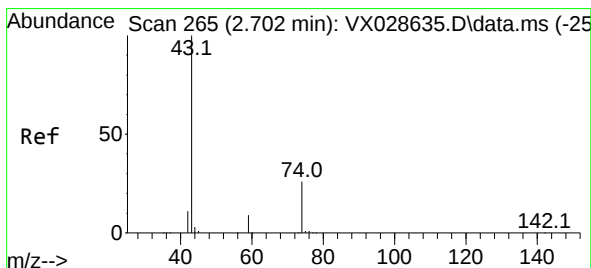
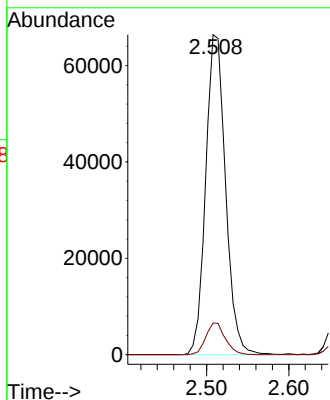
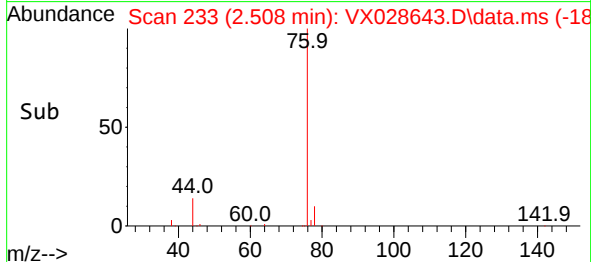
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 76 Resp: 111418
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

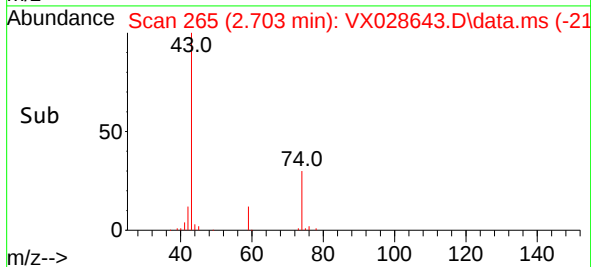
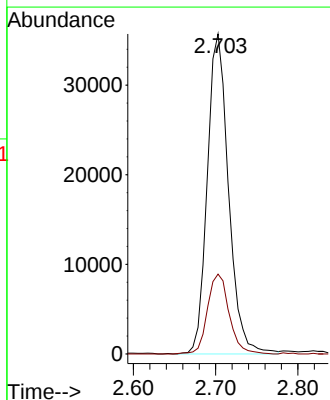
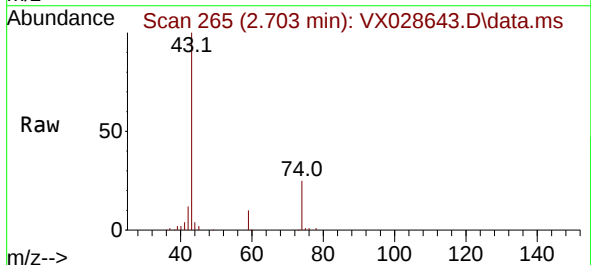
Manual Integrations
APPROVED

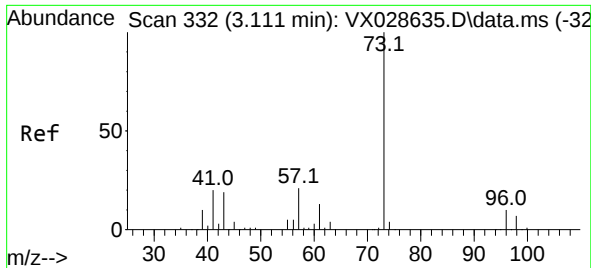
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#18
Methyl Acetate
Concen: 17.947 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 43 Resp: 64278
Ion Ratio Lower Upper
43 100
74 25.4 22.8 34.2





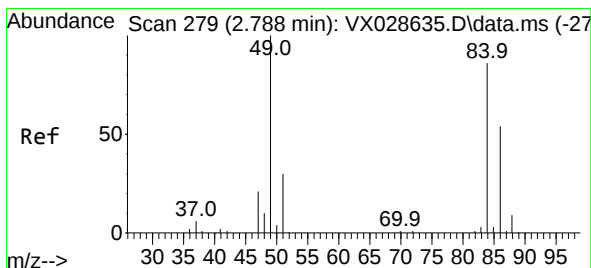
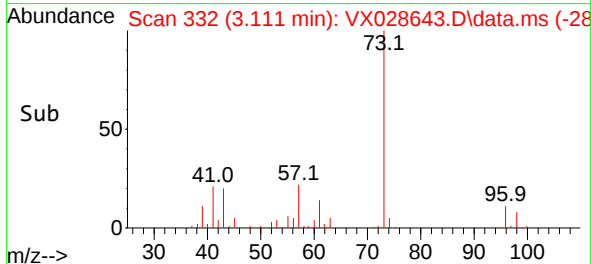
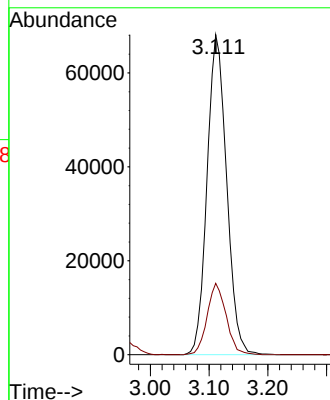
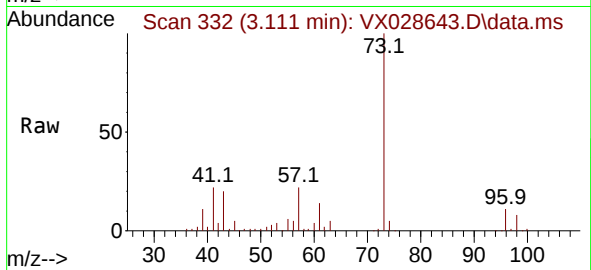
#19
Methyl tert-butyl Ether
Concen: 17.647 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion: 73 Resp: 157540
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2

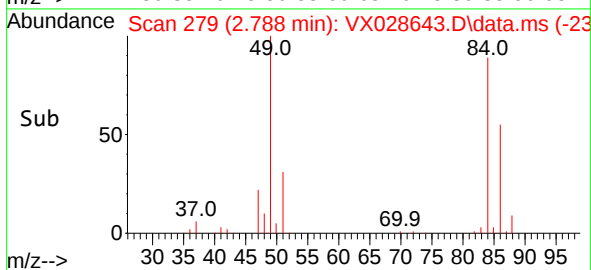
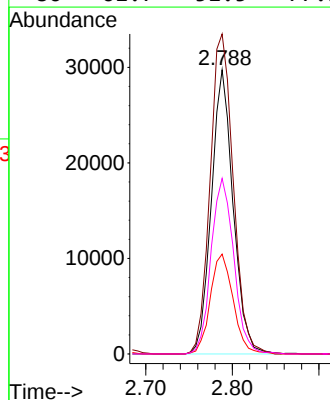
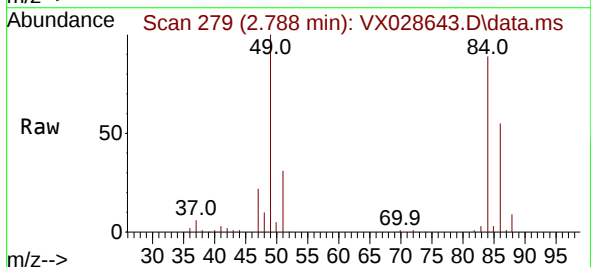
Manual Integrations
APPROVED

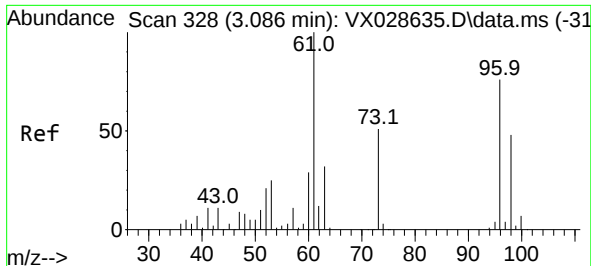
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 17.297 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

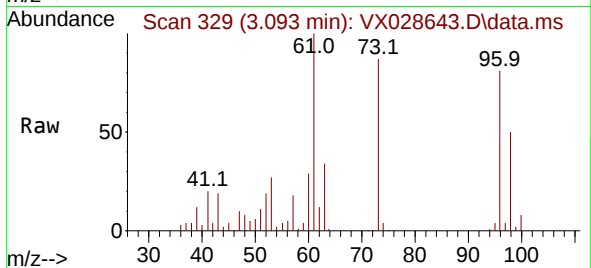
Tgt Ion: 84 Resp: 51892
Ion Ratio Lower Upper
84 100
49 112.6 85.5 128.3
51 35.1 26.6 39.8
86 61.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 17.235 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

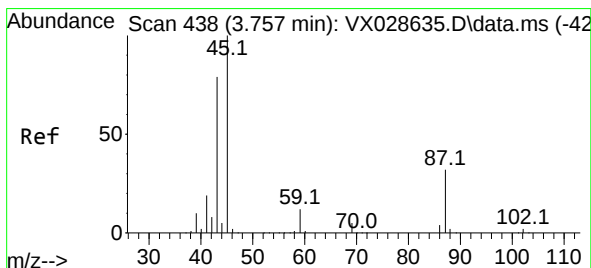
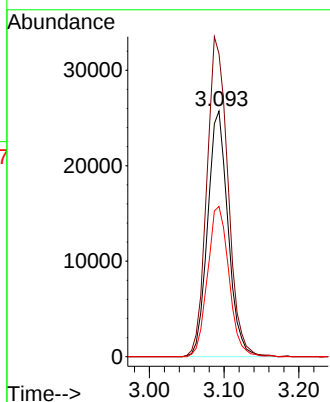
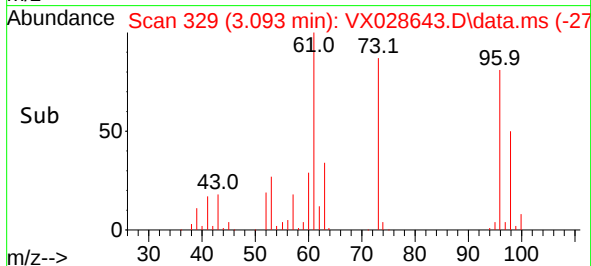
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 96 Resp: 4883
Ion Ratio Lower Upper
96 100
61 123.3 105.4 158.2
98 61.2 50.0 75.0

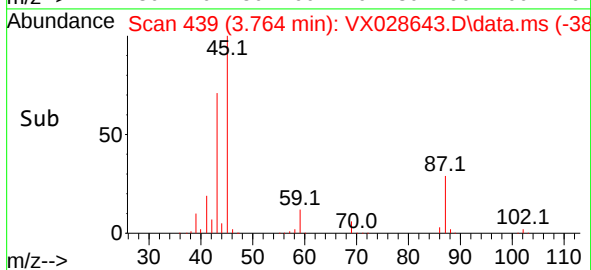
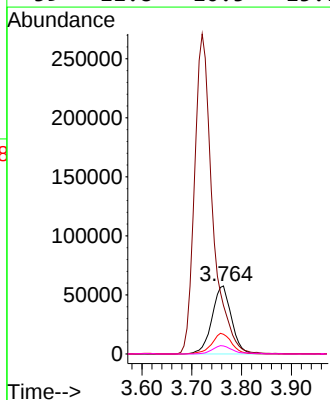
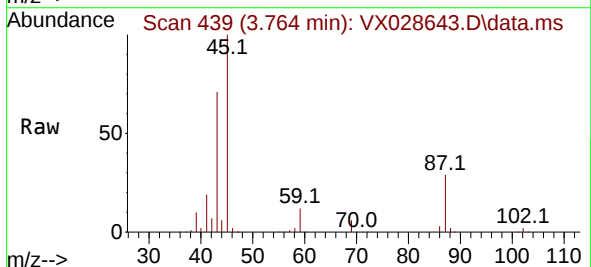
Manual Integrations
APPROVED

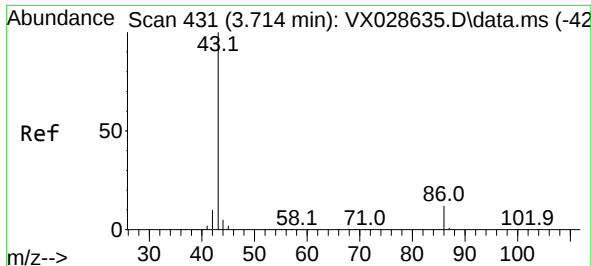
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 17.990 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 45 Resp: 155115
Ion Ratio Lower Upper
45 100
43 70.9 50.8 76.2
87 28.9 26.6 39.8
59 11.8 10.5 15.7





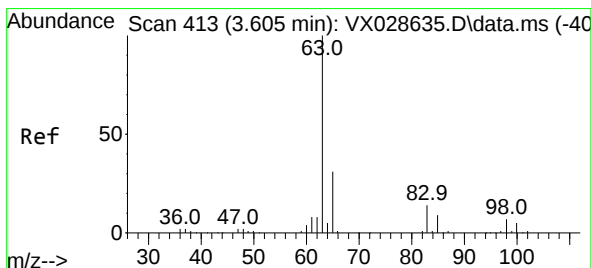
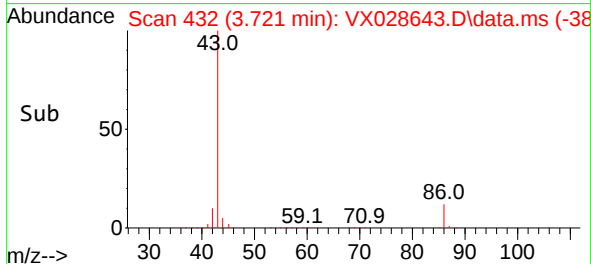
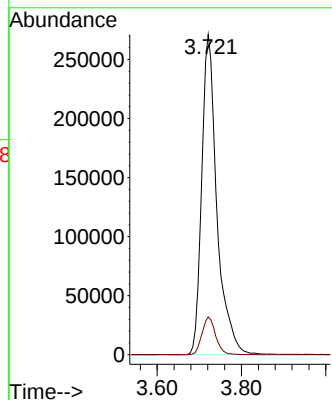
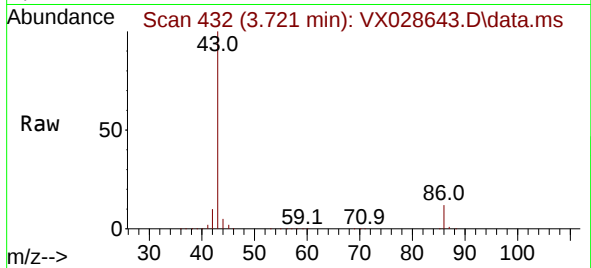
#23
 Vinyl Acetate
 Concen: 91.554 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.007 min
 Lab File: VX028643.D
 Acq: 12 May 2022 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tgt Ion: 43 Resp: 68051
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.8 16.2

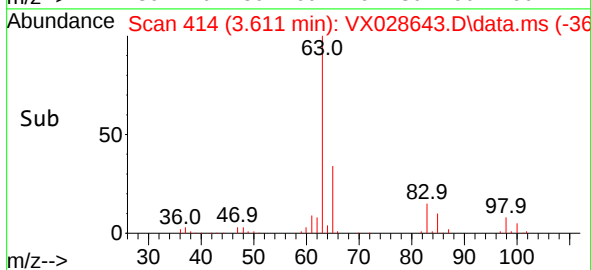
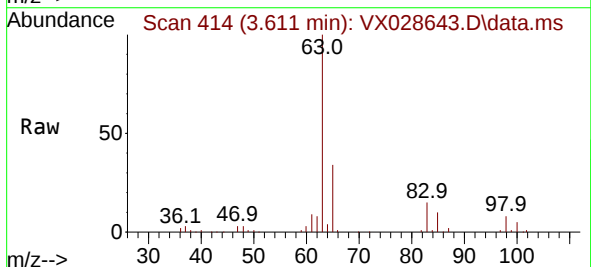
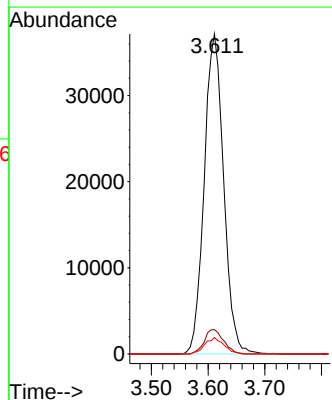
Manual Integrations
 APPROVED

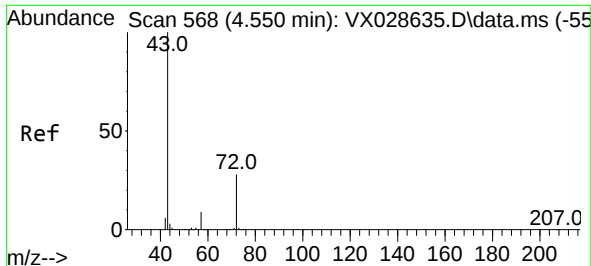
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 17.630 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028643.D
 Acq: 12 May 2022 17:13

Tgt Ion: 63 Resp: 88373
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 5.1 2.4 7.2





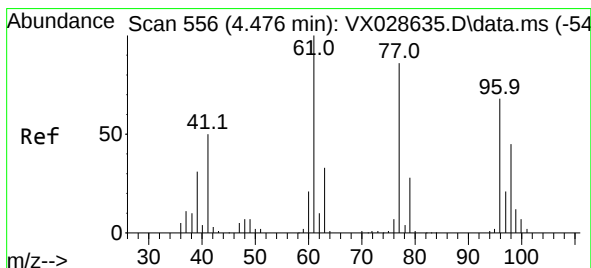
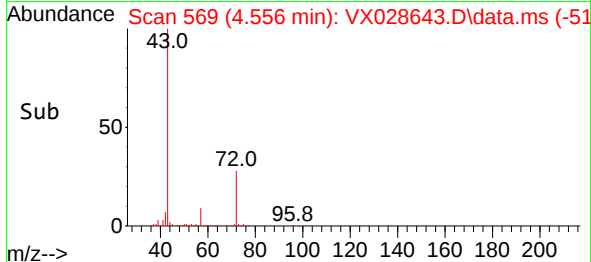
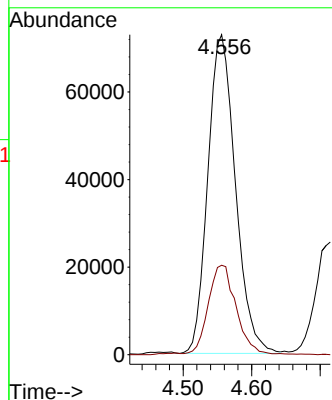
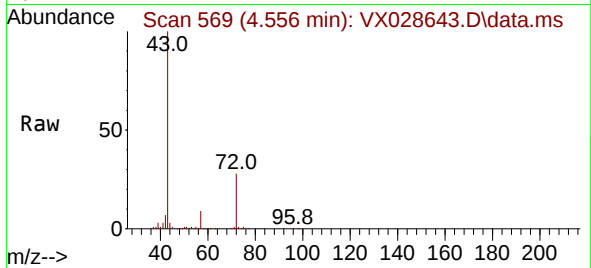
#25
2-Butanone
Concen: 90.579 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion: 43 Resp: 20331
Ion Ratio Lower Upper
43 100
72 27.7 24.4 36.6

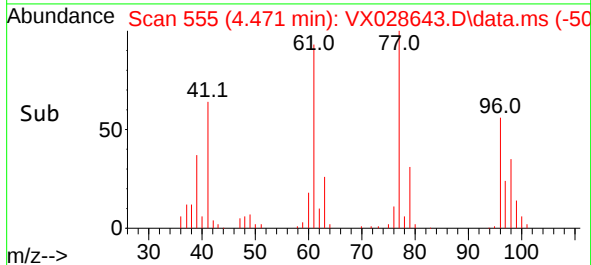
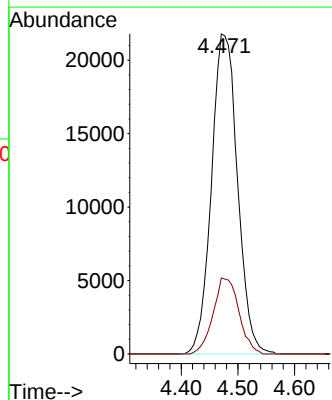
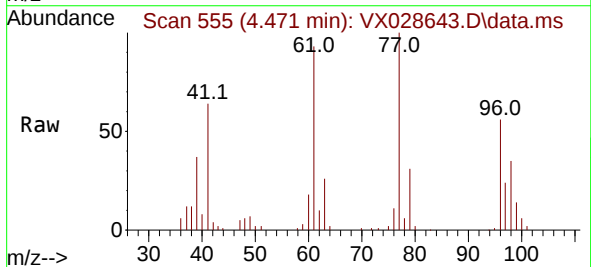
Manual Integrations
APPROVED

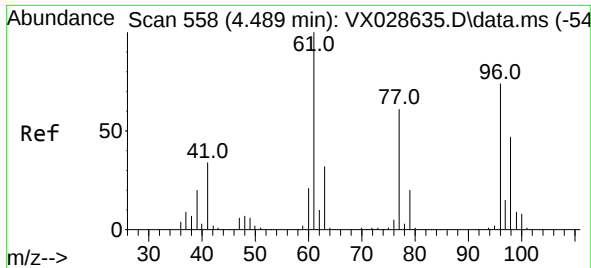
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 17.655 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.005 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 77 Resp: 69387
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 17.555 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 96 Resp: 58098

Ion Ratio Lower Upper

96 100

61 142.8 0.0 283.8

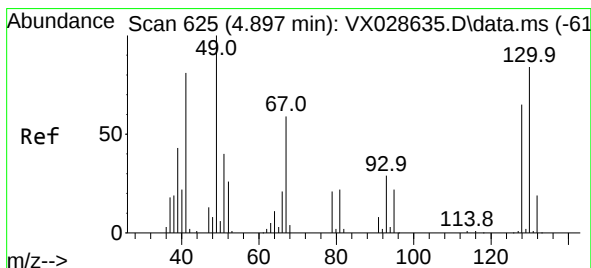
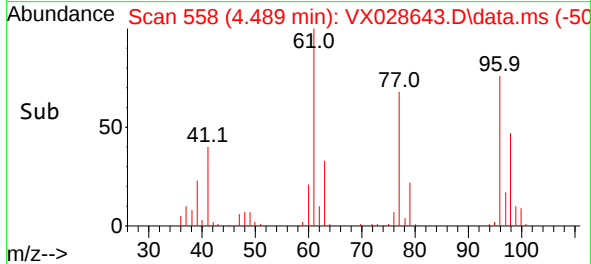
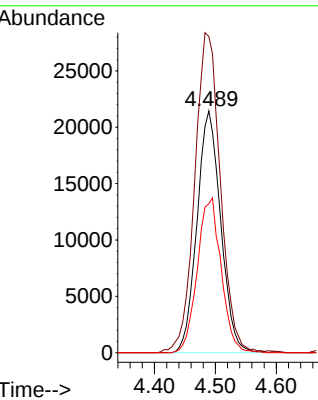
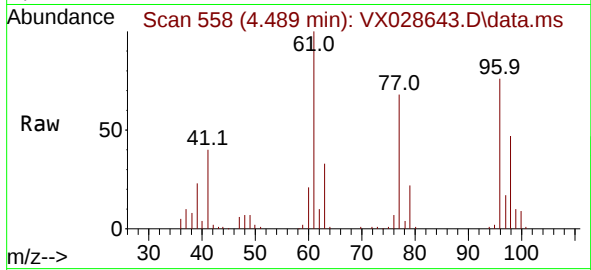
98 64.2 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 18.033 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

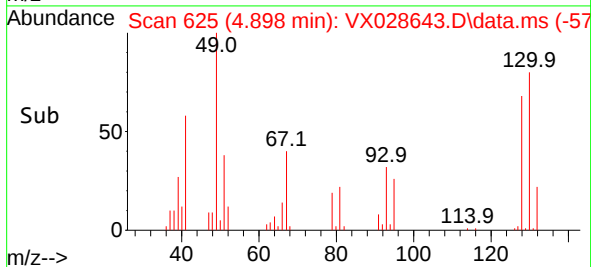
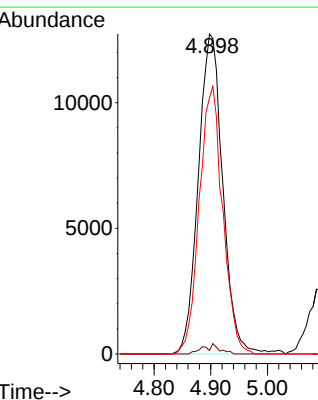
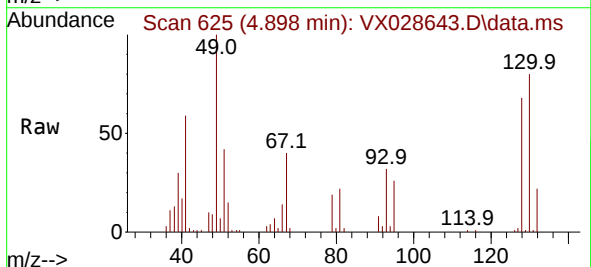
Tgt Ion: 49 Resp: 38047

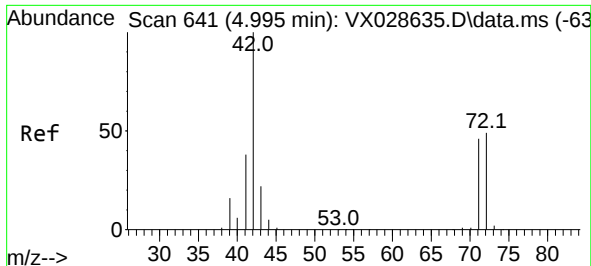
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.4

130 79.9 70.7 106.1





#29

Tetrahydrofuran

Concen: 90.450 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 42 Resp: 131960

Ion Ratio Lower Upper

42 100

72 48.3 44.1 66.1

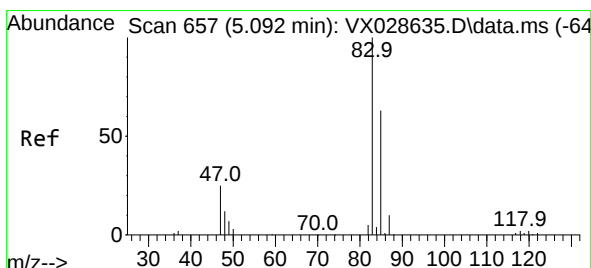
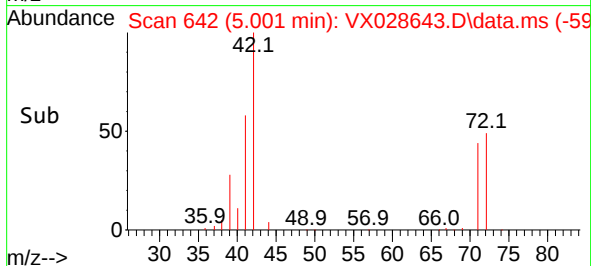
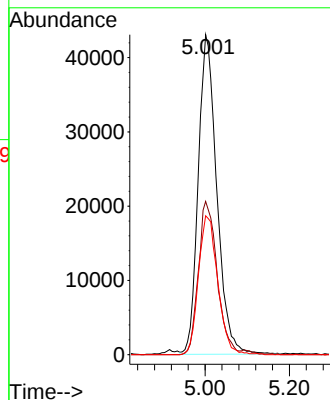
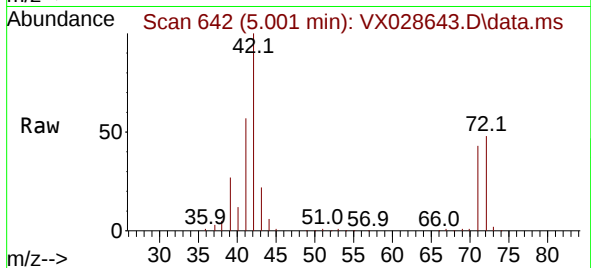
71 45.1 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 17.923 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX028643.D

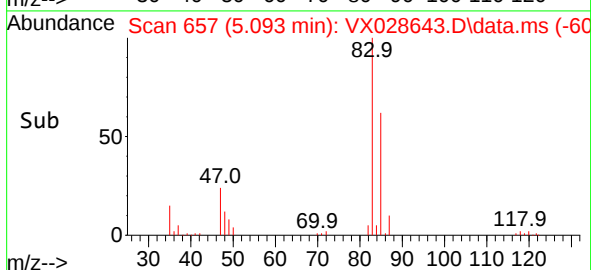
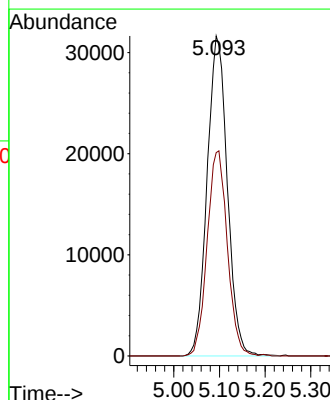
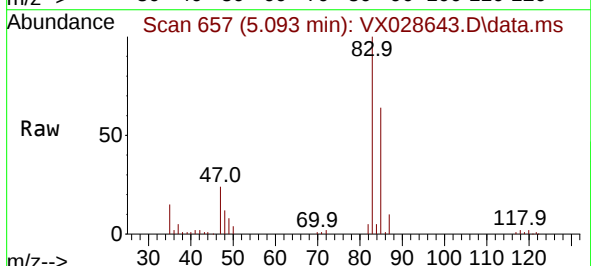
Acq: 12 May 2022 17:13

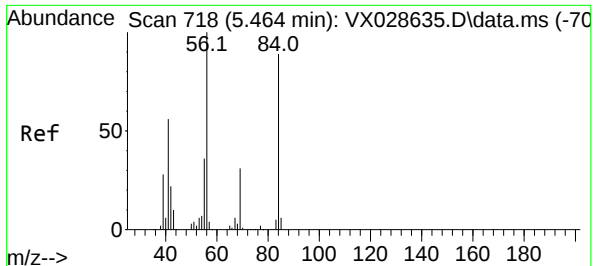
Tgt Ion: 83 Resp: 97230

Ion Ratio Lower Upper

83 100

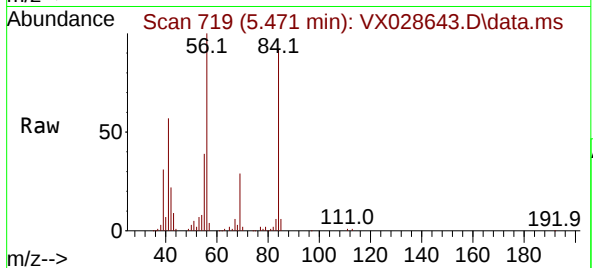
85 63.5 52.7 79.1





#31
Cyclohexane
Concen: 17.400 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

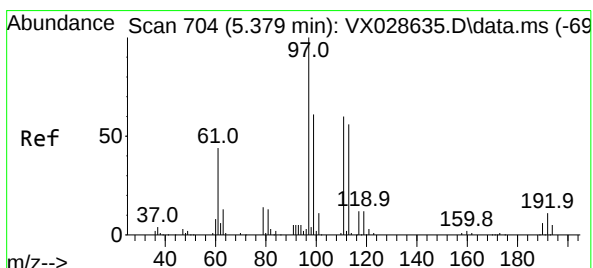
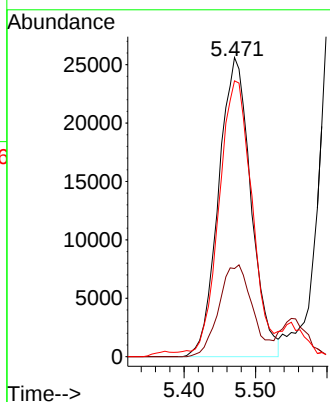
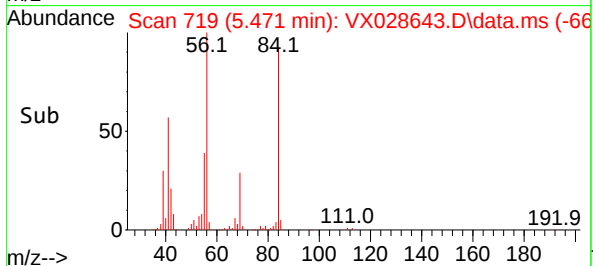
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 56 Resp: 80472
Ion Ratio Lower Upper
56 100
69 29.5 26.7 40.1
84 90.7 77.2 115.8

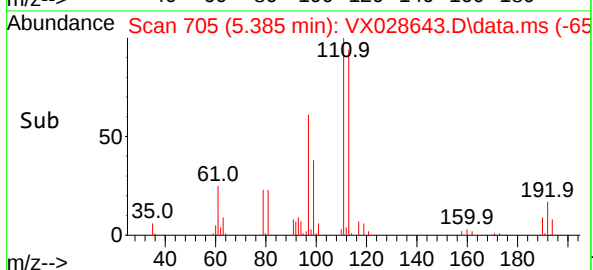
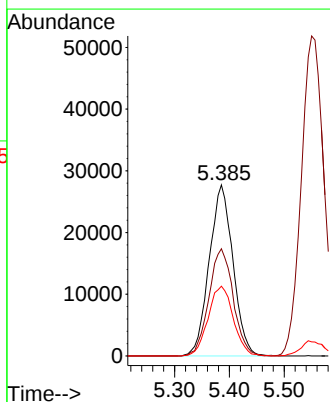
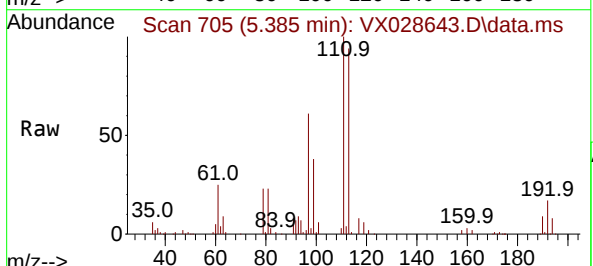
Manual Integrations
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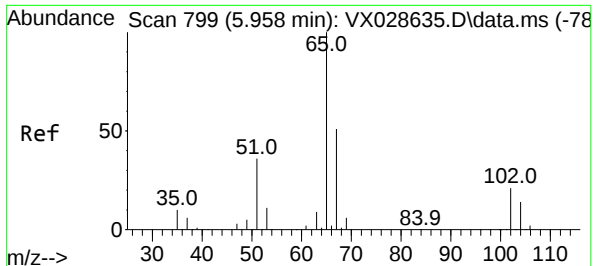
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#32
1,1,1-Trichloroethane
Concen: 17.608 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 97 Resp: 83391
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 43.1 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 48.119 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 65 Resp: 160320

Ion Ratio Lower Upper

65 100

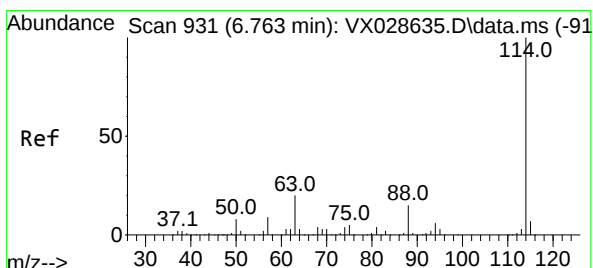
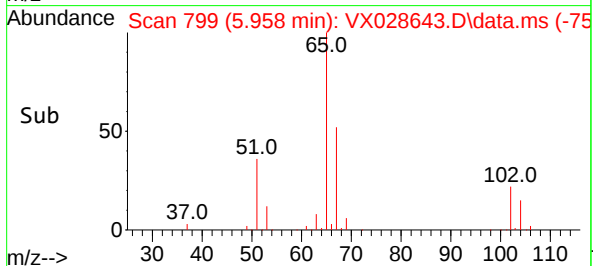
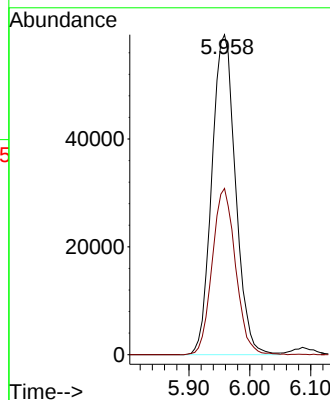
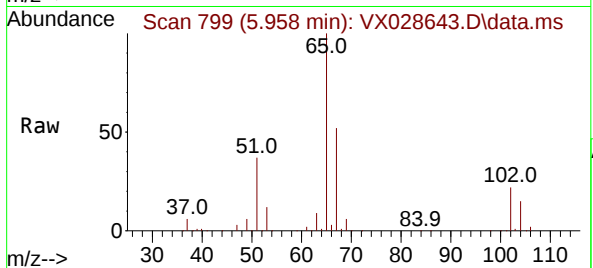
67 51.2 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

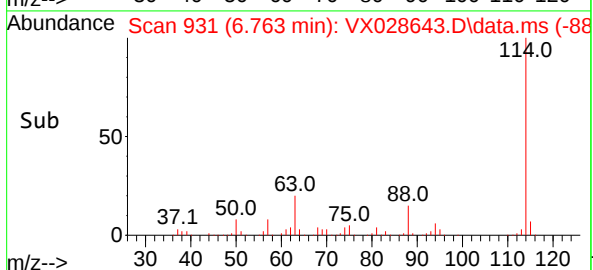
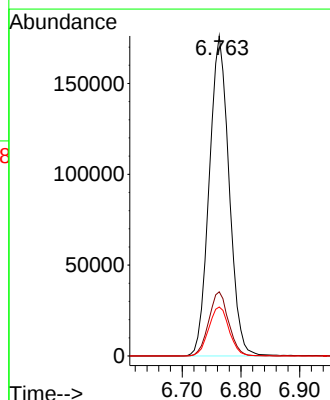
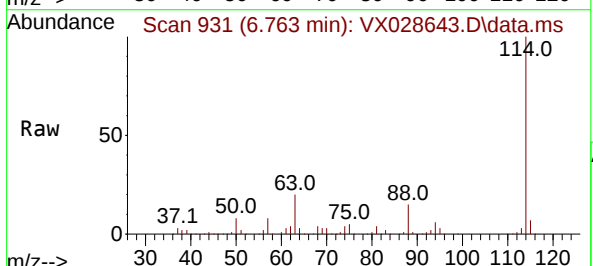
Tgt Ion:114 Resp: 413035

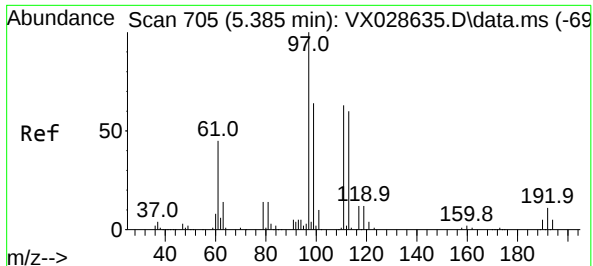
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.746 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 113 Resp: 12650

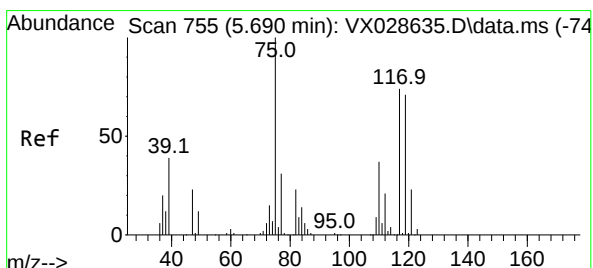
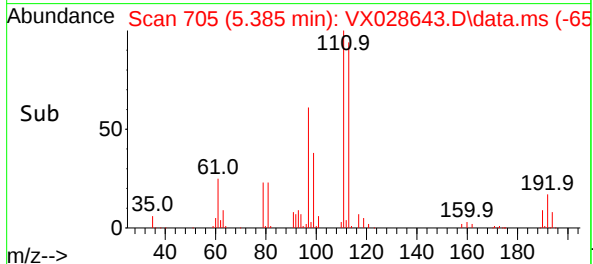
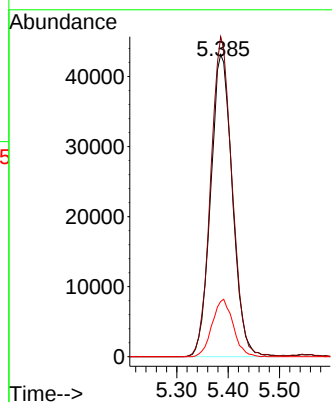
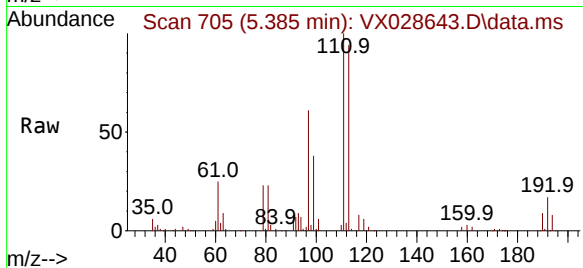
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.8	124.2
192	18.3	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#36

1,1-Dichloropropene

Concen: 17.119 ug/l

RT: 5.696 min Scan# 756

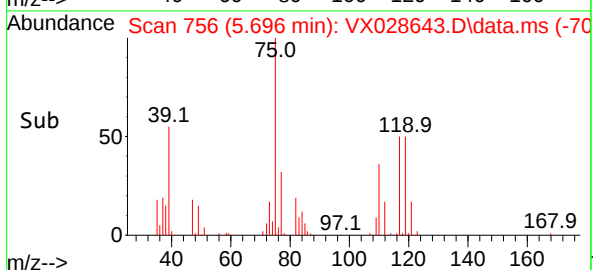
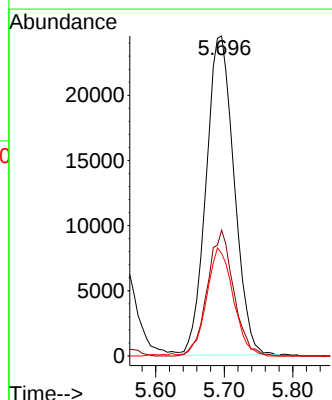
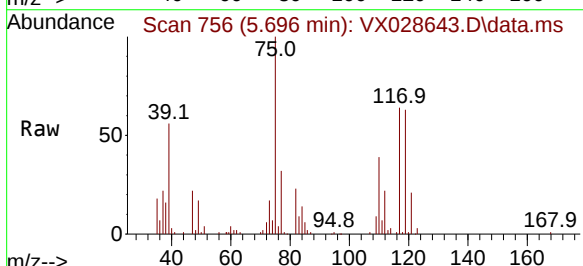
Delta R.T. 0.006 min

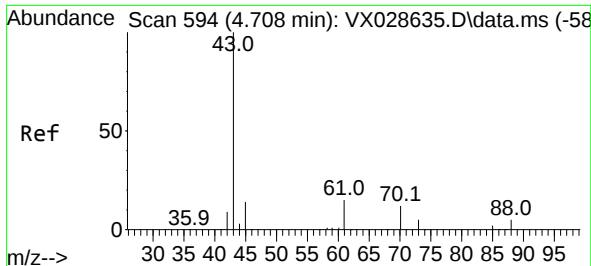
Lab File: VX028643.D

Acq: 12 May 2022 17:13

Tgt Ion: 75 Resp: 69581

Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.8
77	32.4	24.8	37.2





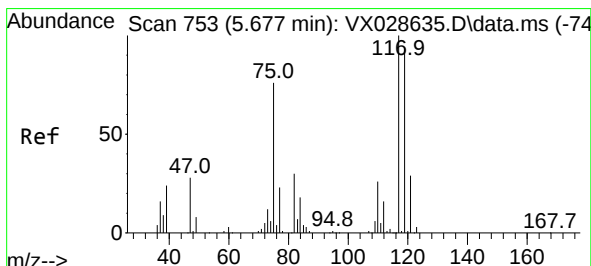
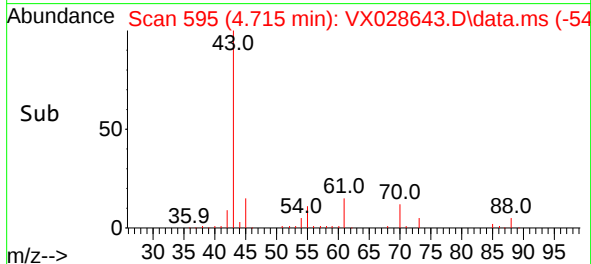
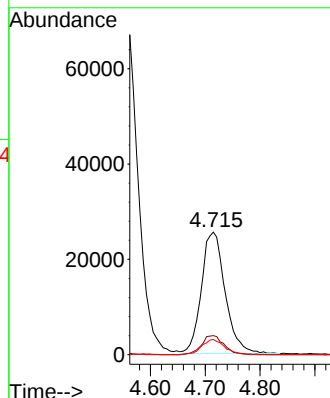
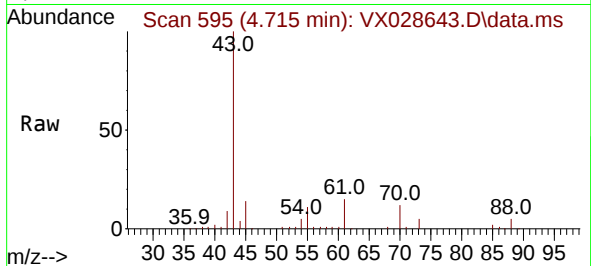
#37
Ethyl Acetate
Concen: 18.100 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion: 43 Resp: 7684
Ion Ratio Lower Upper
43 100
61 15.0 12.6 19.0
70 11.9 10.2 15.2

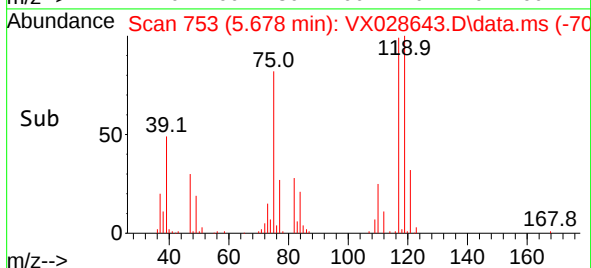
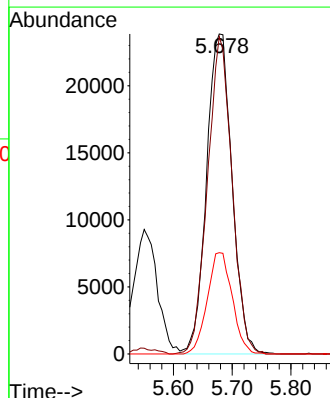
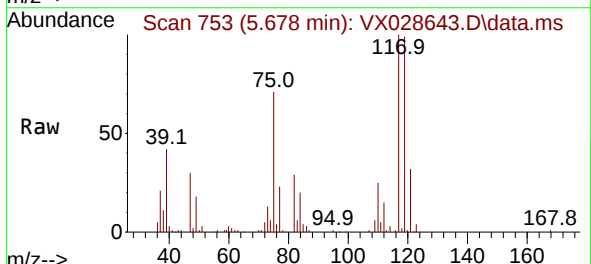
Manual Integrations
APPROVED

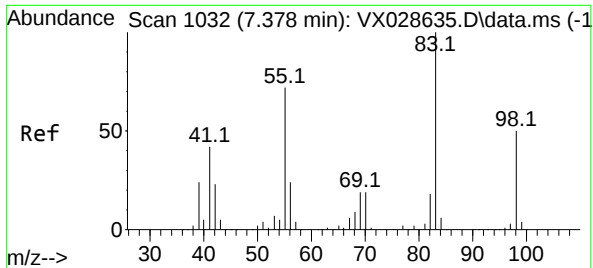
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 17.586 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

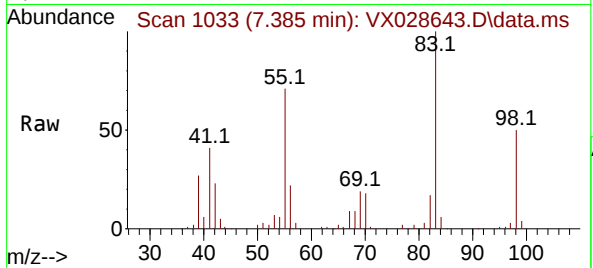
Tgt Ion:117 Resp: 71935
Ion Ratio Lower Upper
117 100
119 99.1 77.3 115.9
121 31.6 24.2 36.2





#39
Methylcyclohexane
Concen: 17.160 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

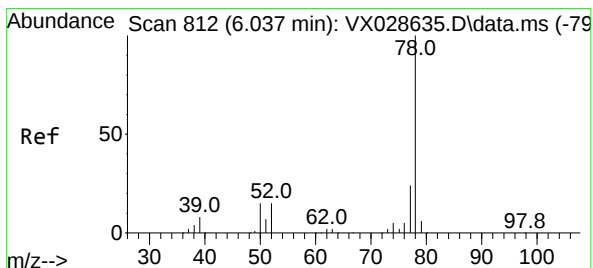
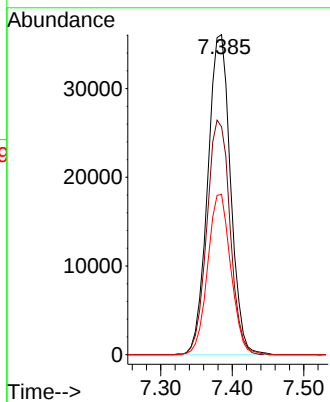
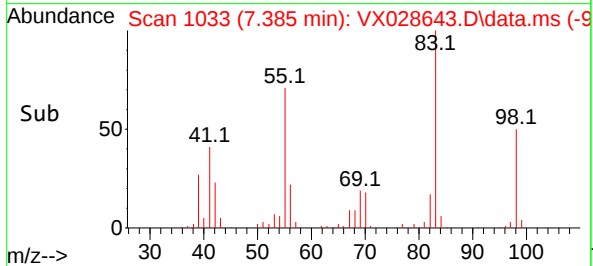
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 83 Resp: 79980
Ion Ratio Lower Upper
83 100
55 71.2 54.6 81.8
98 50.1 37.4 56.2

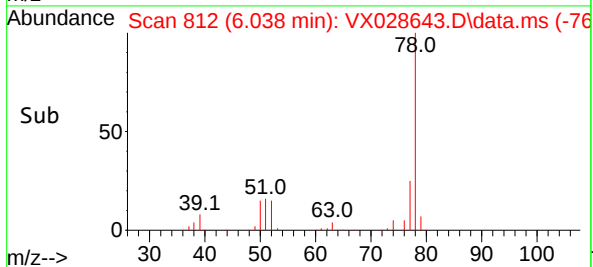
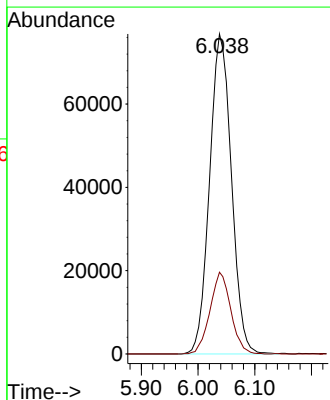
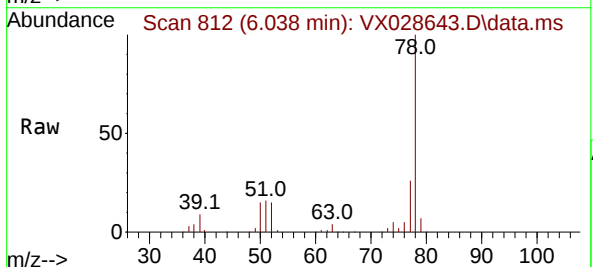
Manual Integrations
APPROVED

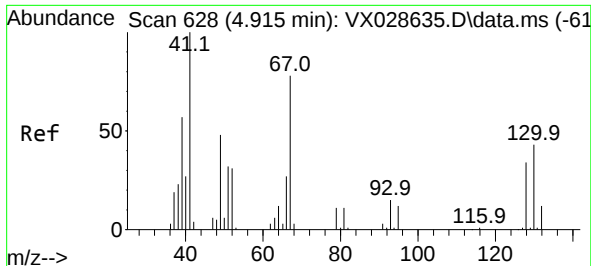
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 17.610 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

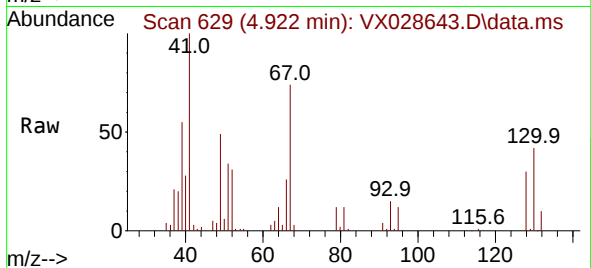
Tgt Ion: 78 Resp: 205712
Ion Ratio Lower Upper
78 100
77 25.5 19.3 28.9





#41
Methacrylonitrile
Concen: 17.482 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

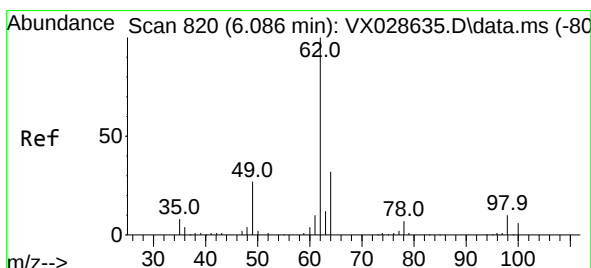
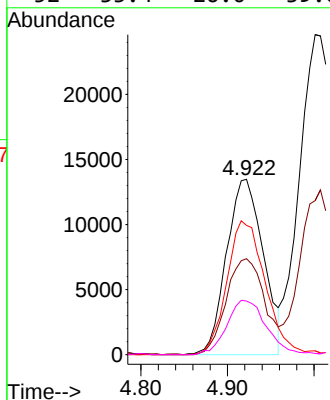
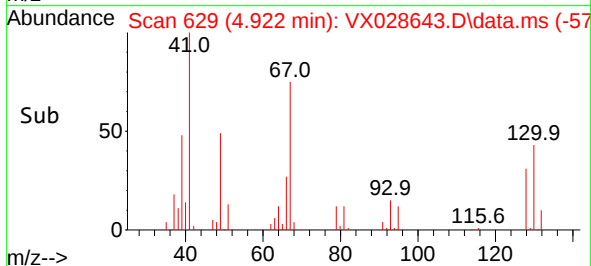
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 41 Resp: 39794
Ion Ratio Lower Upper
41 100
39 57.1 43.0 64.4
67 80.3 70.2 105.4
52 33.4 26.0 39.0

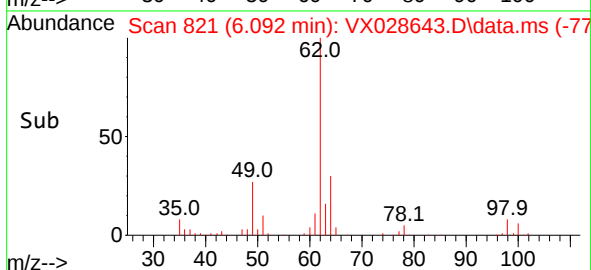
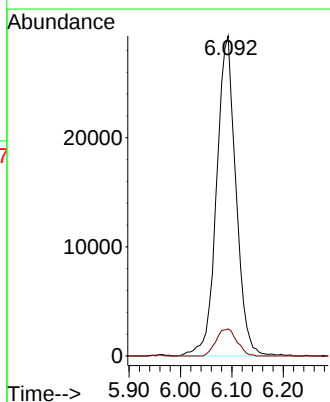
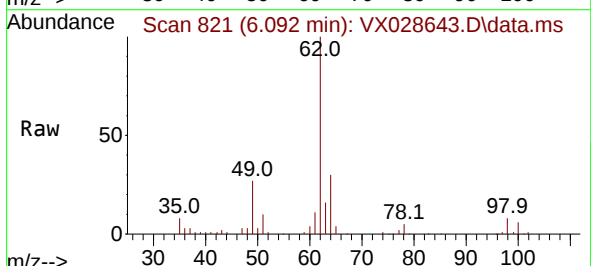
Manual Integrations
APPROVED

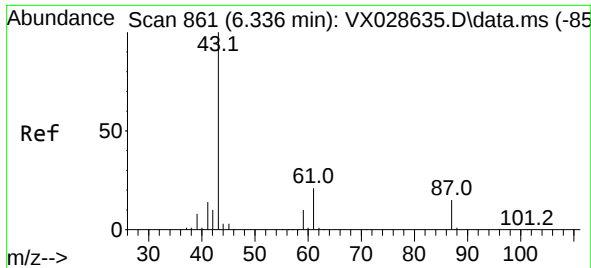
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 17.804 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 62 Resp: 76716
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.4





#43

Isopropyl Acetate

Concen: 17.978 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 43 Resp: 11940

Ion Ratio Lower Upper

43 100

61 19.8 18.5 27.7

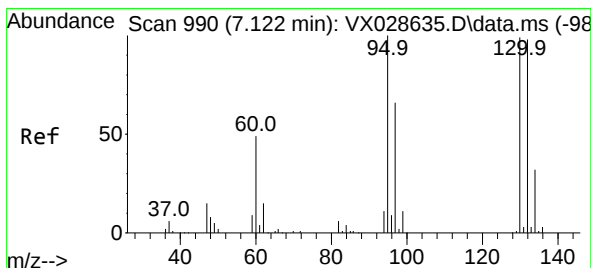
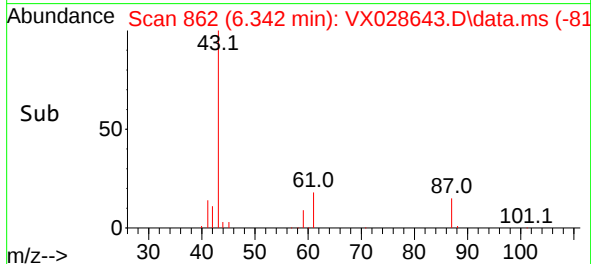
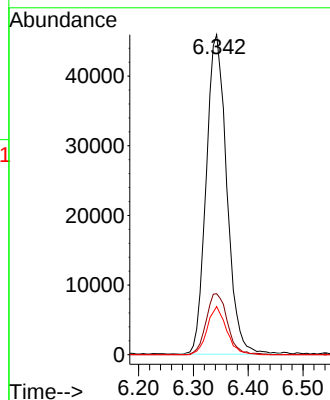
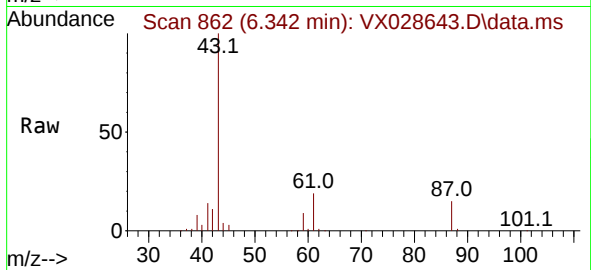
87 14.1 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#44

Trichloroethene

Concen: 17.698 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028643.D

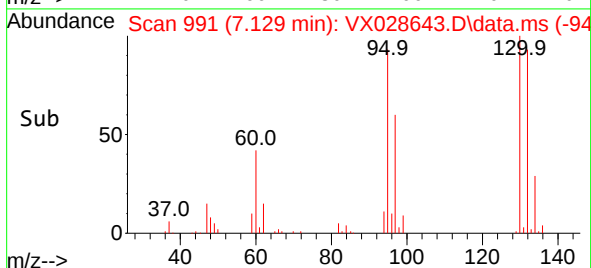
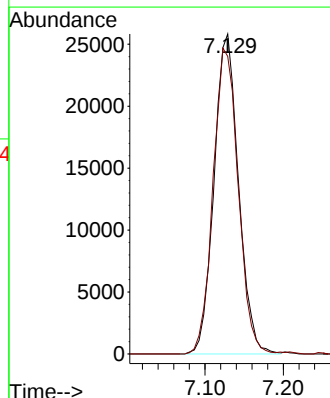
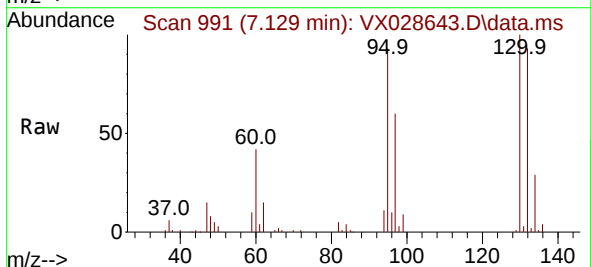
Acq: 12 May 2022 17:13

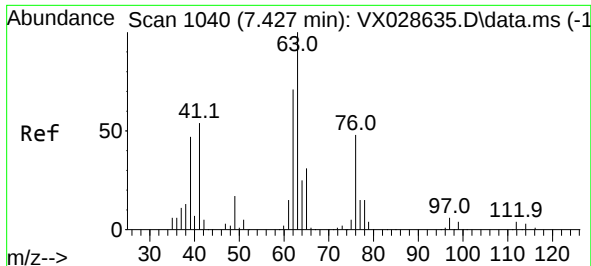
Tgt Ion:130 Resp: 56069

Ion Ratio Lower Upper

130 100

95 93.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 17.808 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 63 Resp: 5190

Ion Ratio Lower Upper

63 100

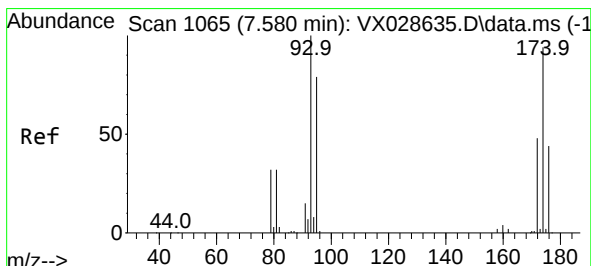
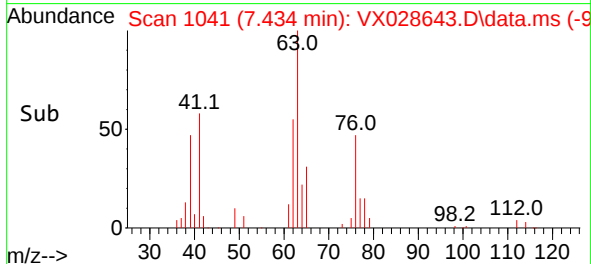
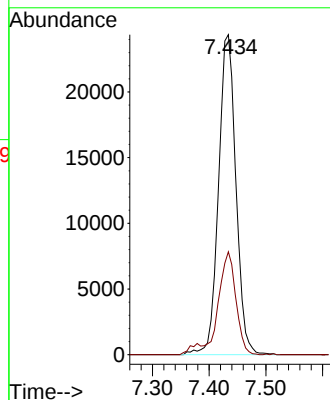
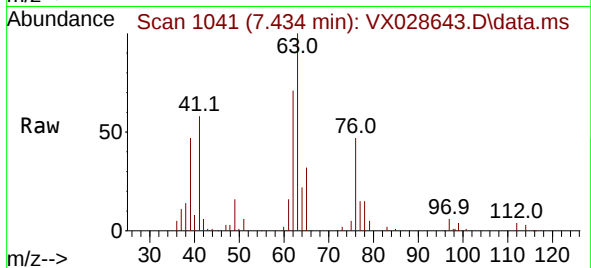
65 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 17.824 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

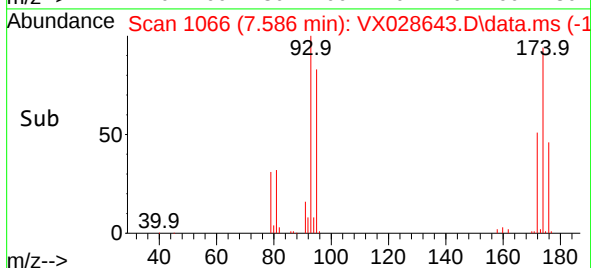
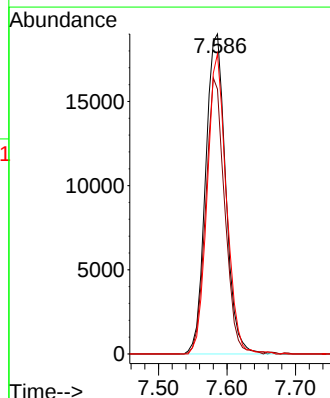
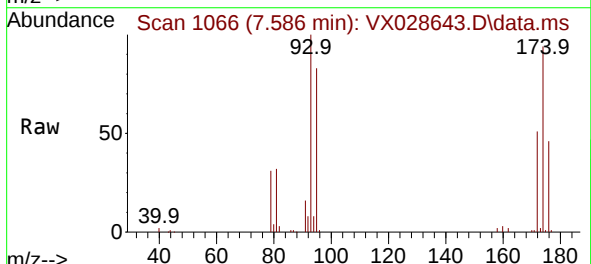
Tgt Ion: 93 Resp: 38795

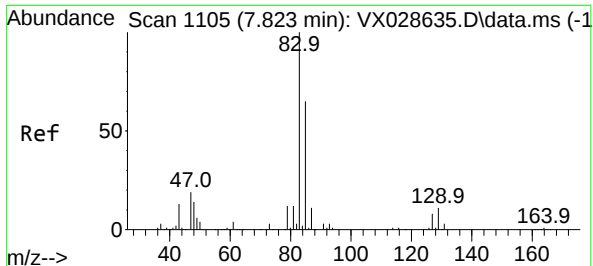
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.6

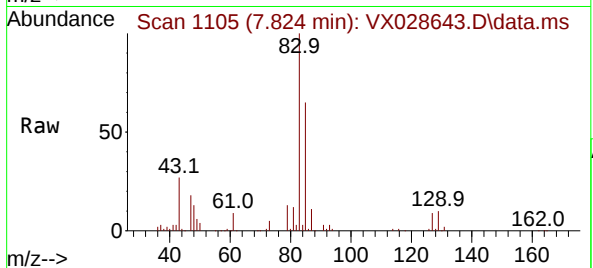
174 89.4 85.4 128.2





#47
Bromodichloromethane
Concen: 17.377 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

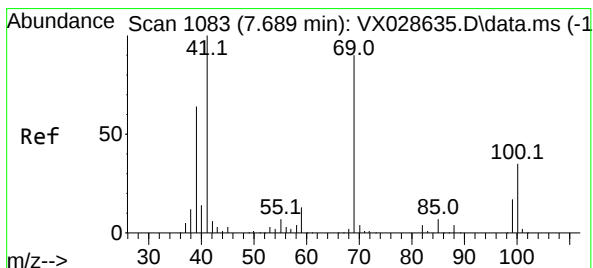
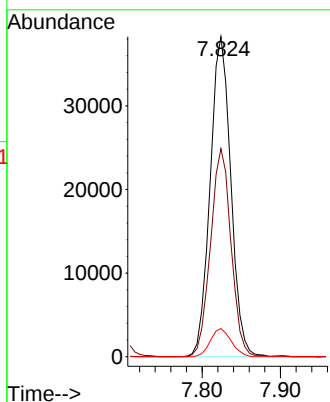
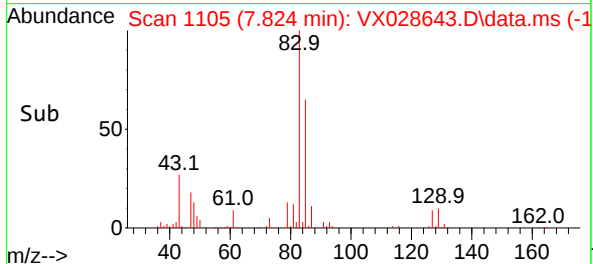
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



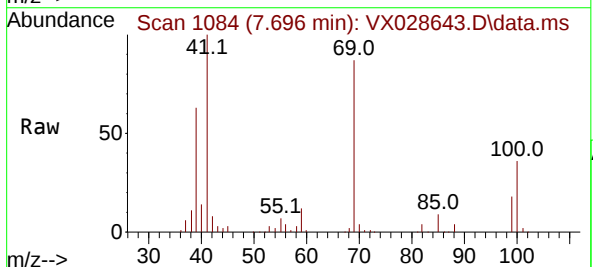
Tgt Ion: 83 Resp: 70218
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.2
127 8.8 6.8 10.2

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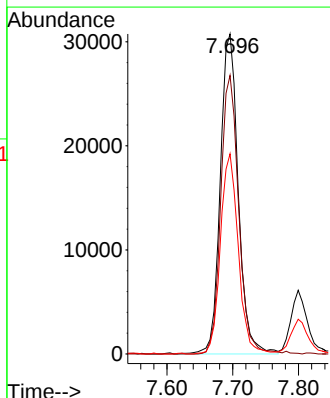
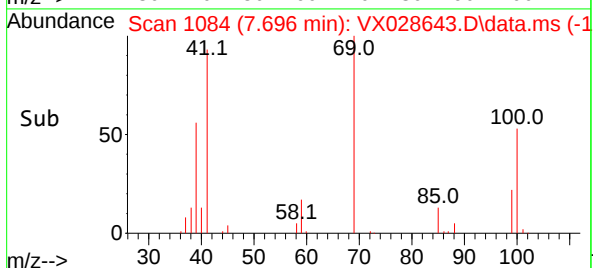
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

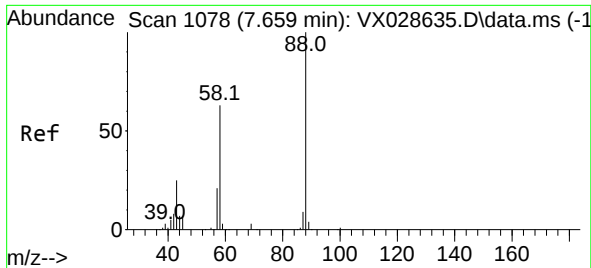


#48
Methyl methacrylate
Concen: 18.245 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13



Tgt Ion: 41 Resp: 58537
Ion Ratio Lower Upper
41 100
69 86.6 82.5 123.7
39 62.2 43.8 65.8





#49

1,4-Dioxane

Concen: 355.061 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

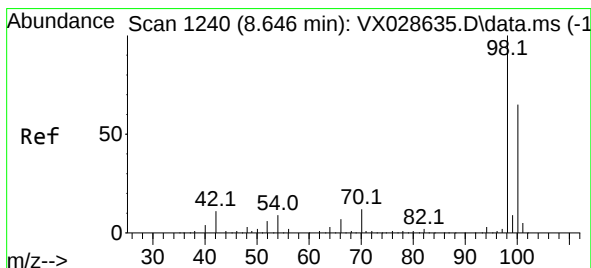
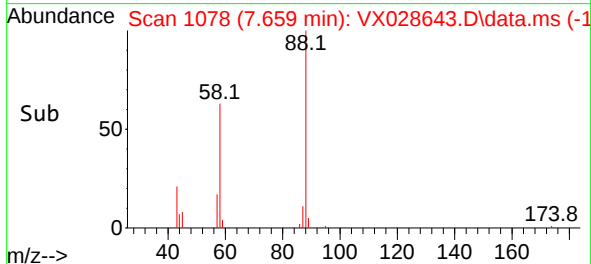
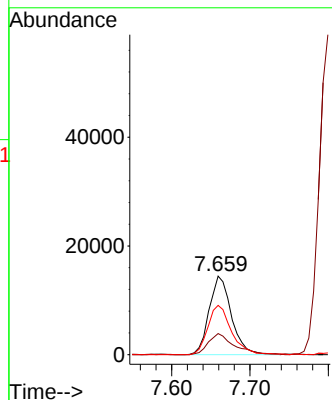
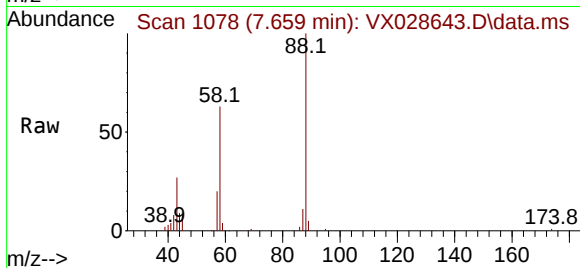
Tgt Ion: 88	Resp: 2845
Ion Ratio	Lower Upper
88 100	
43 31.2	21.9 32.9
58 66.7	53.7 80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 47.740 ug/l

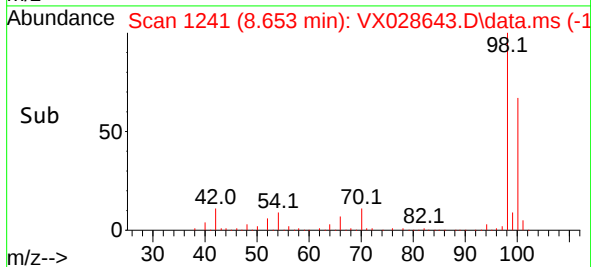
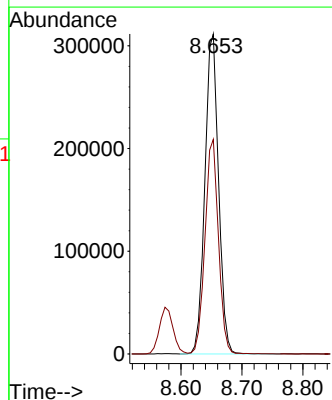
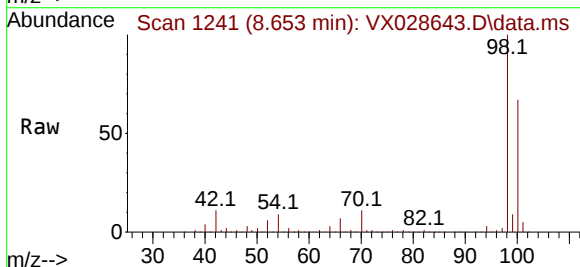
RT: 8.653 min Scan# 1241

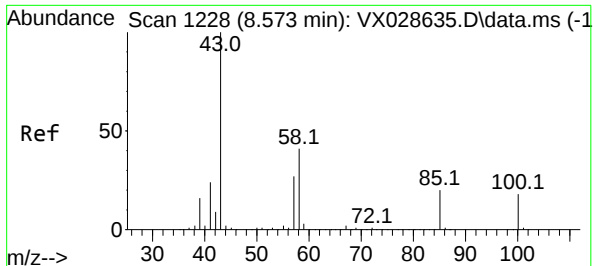
Delta R.T. 0.007 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Tgt Ion: 98	Resp: 487076
Ion Ratio	Lower Upper
98 100	
100 65.9	52.6 78.8





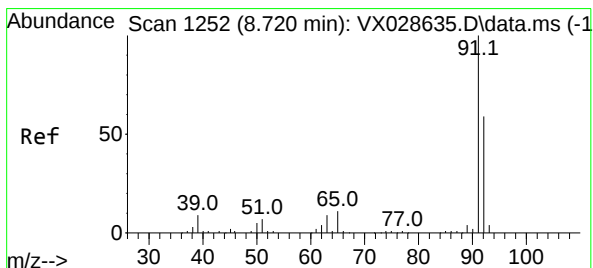
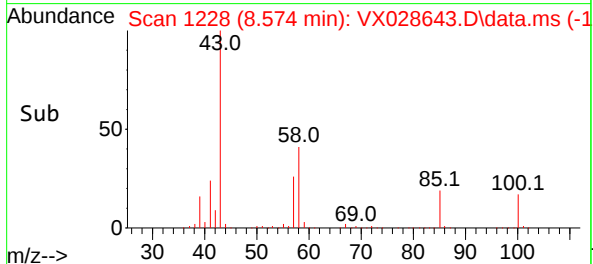
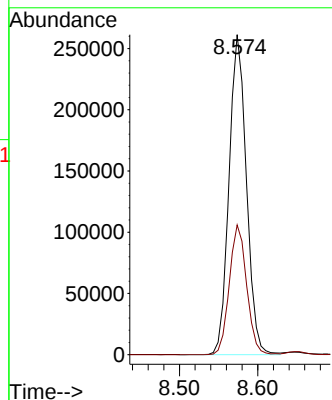
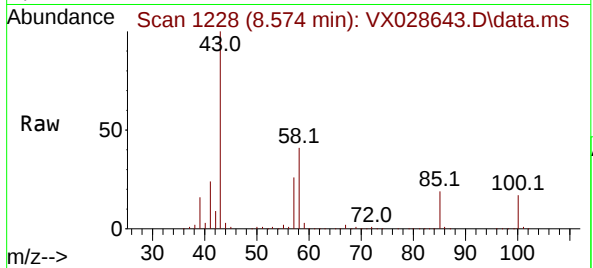
#51
4-Methyl-2-Pentanone
Concen: 92.088 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion: 43 Resp: 40286
Ion Ratio Lower Upper
43 100
58 40.4 36.1 54.1

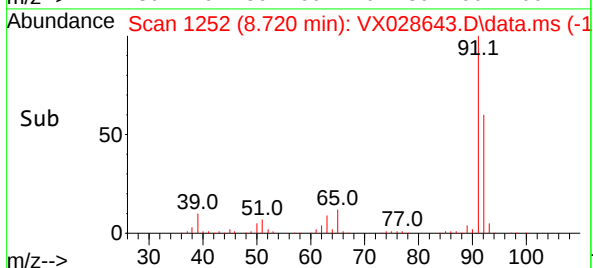
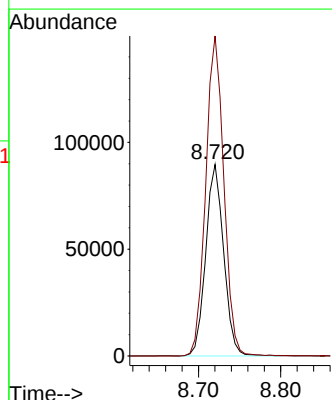
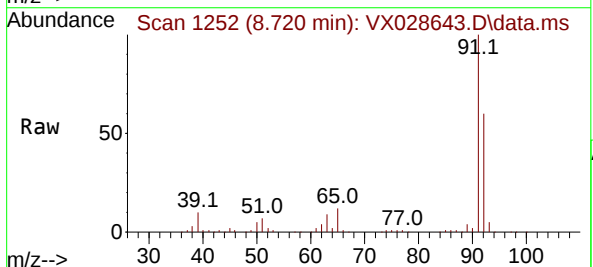
Manual Integrations
APPROVED

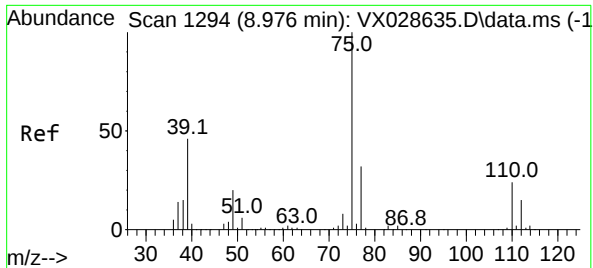
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 18.085 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

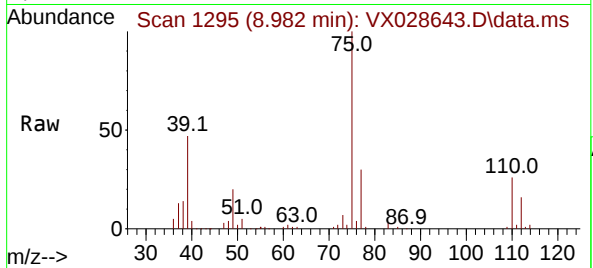
Tgt Ion: 92 Resp: 135896
Ion Ratio Lower Upper
92 100
91 168.8 137.5 206.3





#53
t-1,3-Dichloropropene
Concen: 16.660 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

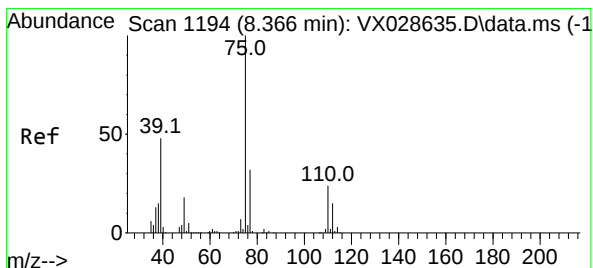
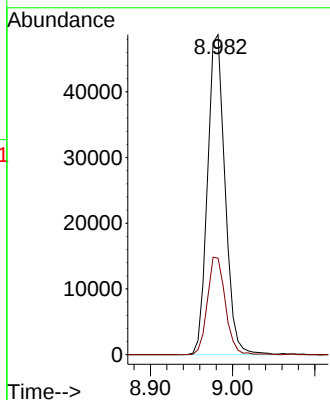
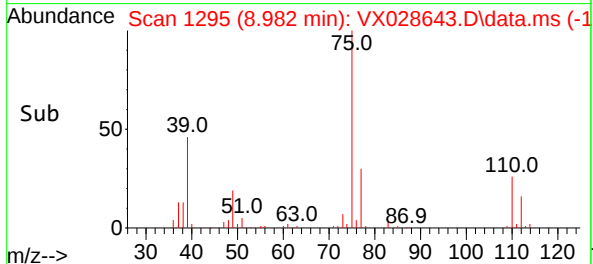
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 75 Resp: 72234
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0

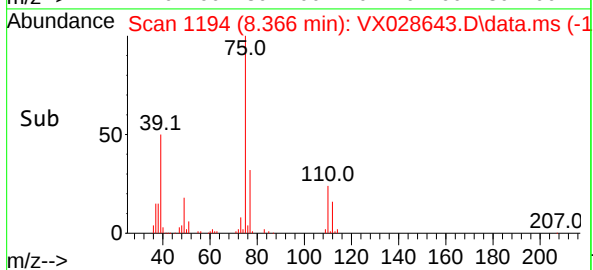
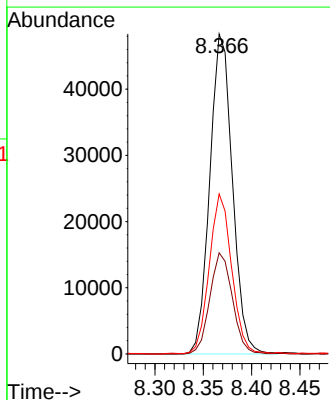
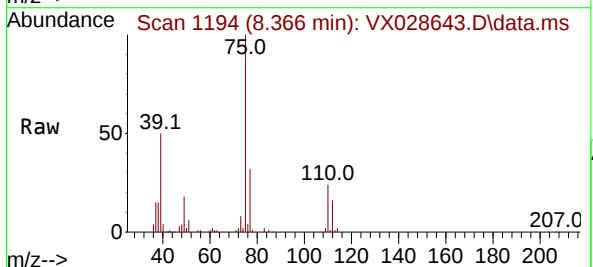
Manual Integrations
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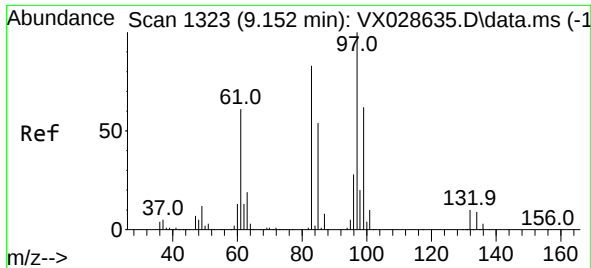
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#54
cis-1,3-Dichloropropene
Concen: 17.307 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 75 Resp: 78691
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 49.9 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 17.662 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 97 Resp: 54120

Ion Ratio Lower Upper

97 100

83 86.6 66.2 99.4

85 55.4 42.9 64.3

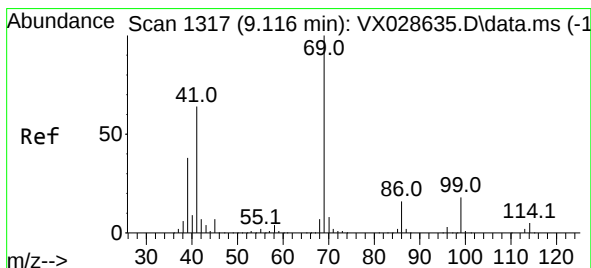
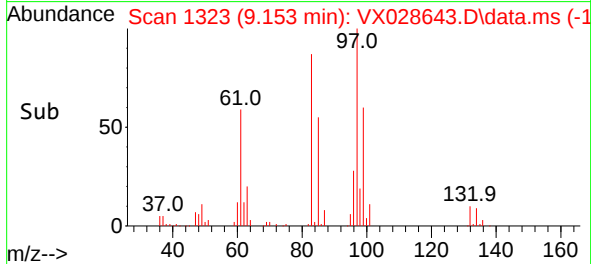
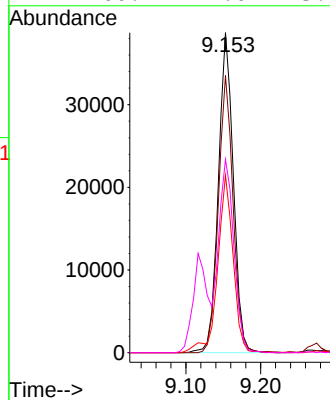
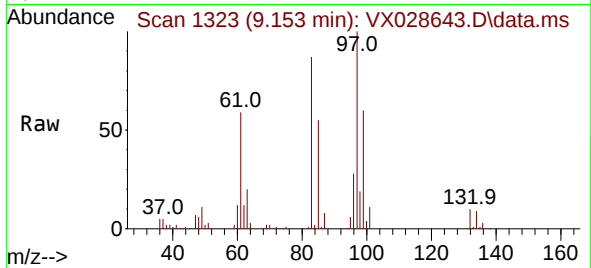
99 60.4 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 17.969 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

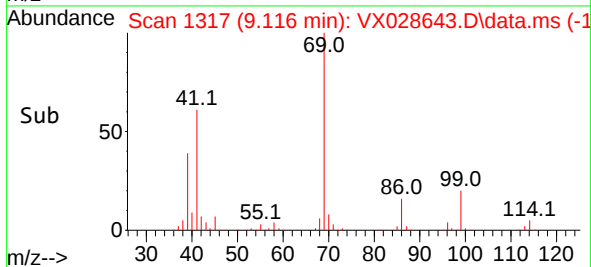
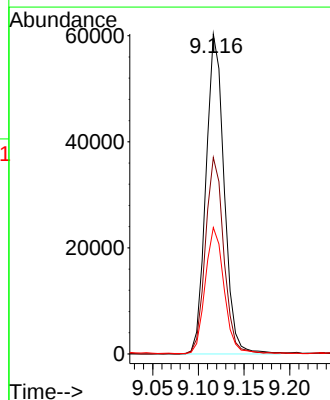
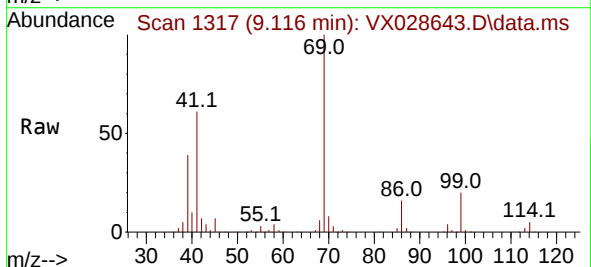
Tgt Ion: 69 Resp: 83381

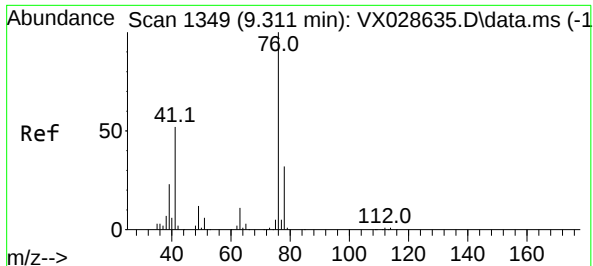
Ion Ratio Lower Upper

69 100

41 62.6 43.8 65.6

39 40.8 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 17.733 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 76 Resp: 9164

Ion Ratio Lower Upper

76 100

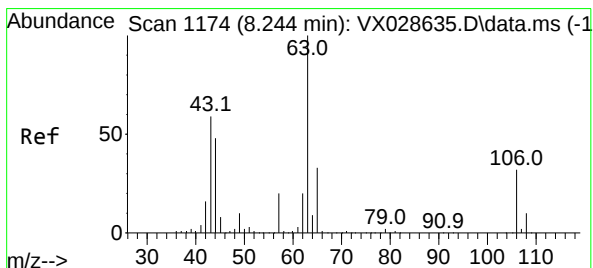
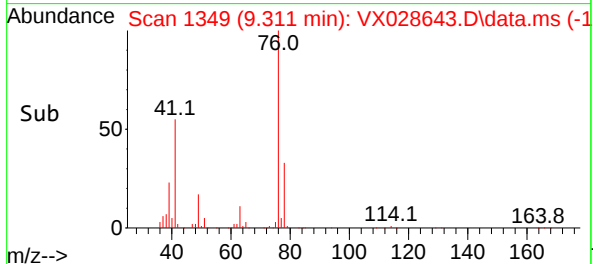
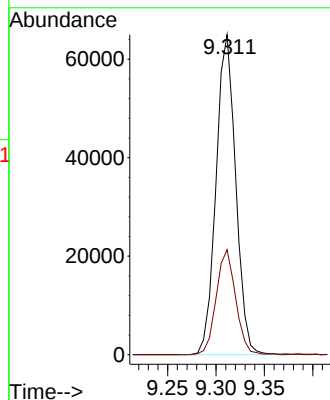
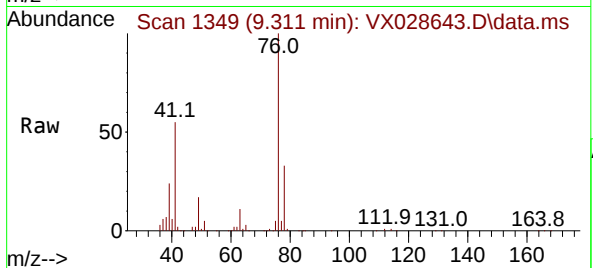
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 85.016 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX028643.D

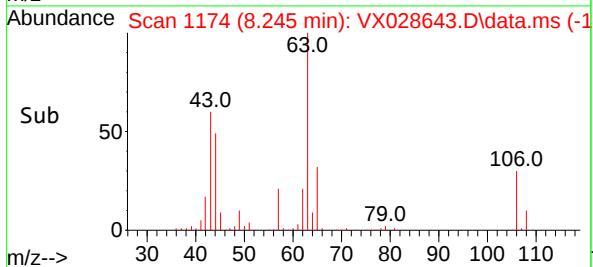
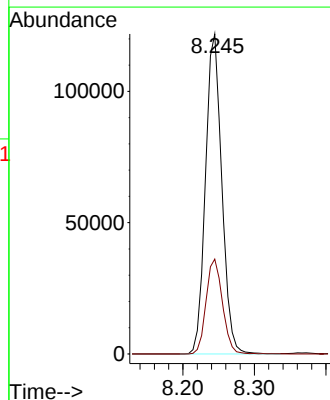
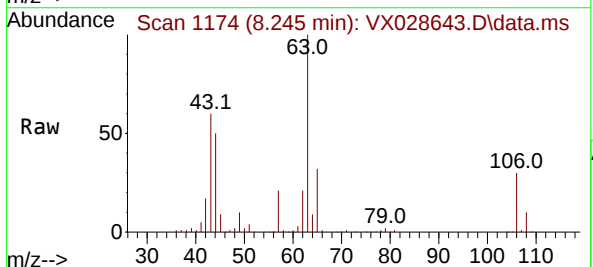
Acq: 12 May 2022 17:13

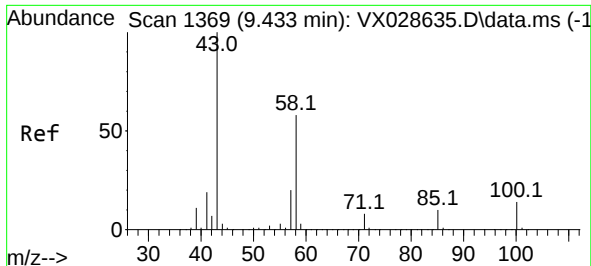
Tgt Ion: 63 Resp: 193138

Ion Ratio Lower Upper

63 100

106 29.7 23.9 35.9





#59

2-Hexanone

Concen: 92.676 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion: 43 Resp: 314998

Ion Ratio Lower Upper

43 100

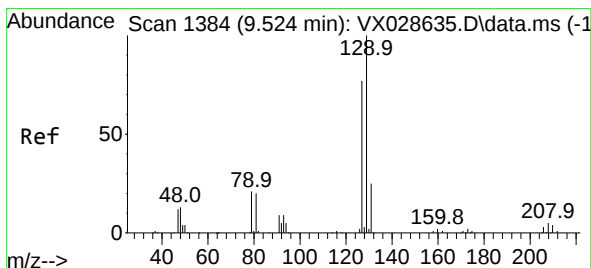
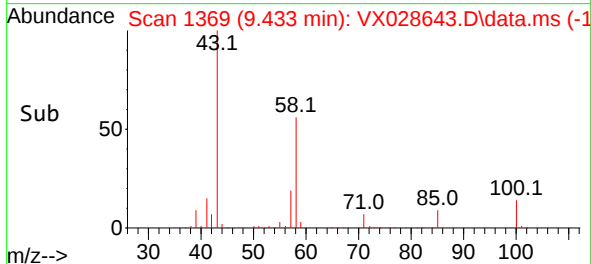
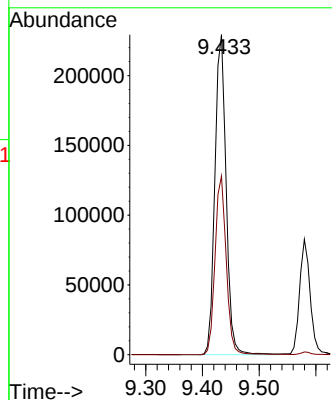
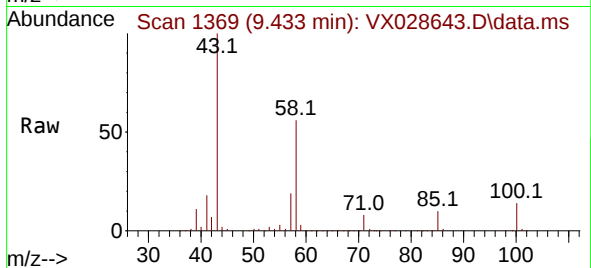
58 55.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#60

Dibromochloromethane

Concen: 17.150 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028643.D

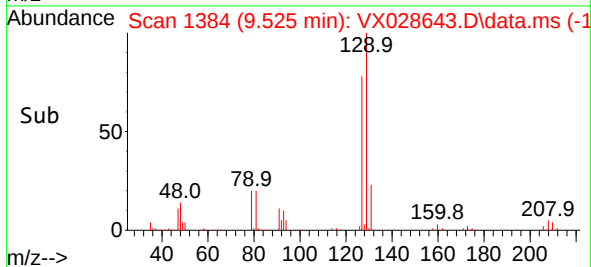
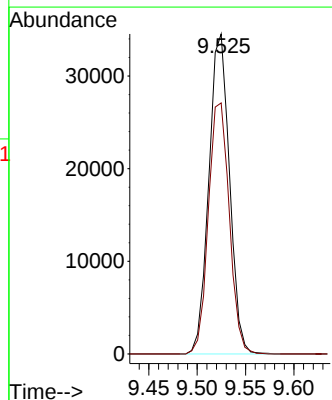
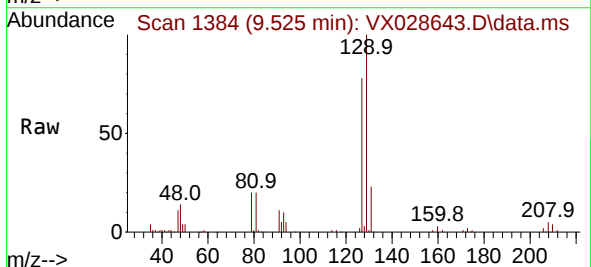
Acq: 12 May 2022 17:13

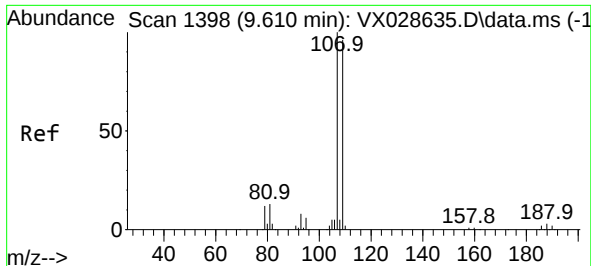
Tgt Ion:129 Resp: 51251

Ion Ratio Lower Upper

129 100

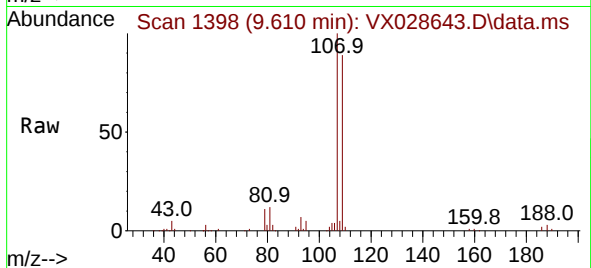
127 79.6 40.3 120.8





#61
1,2-Dibromoethane
Concen: 18.029 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

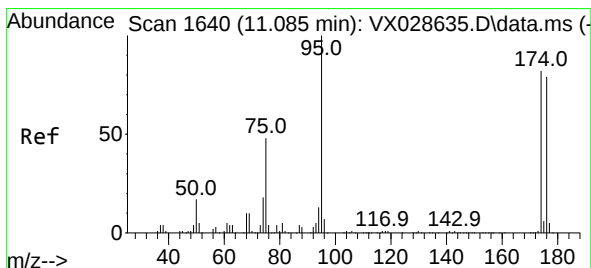
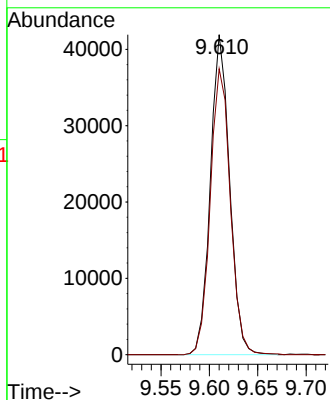
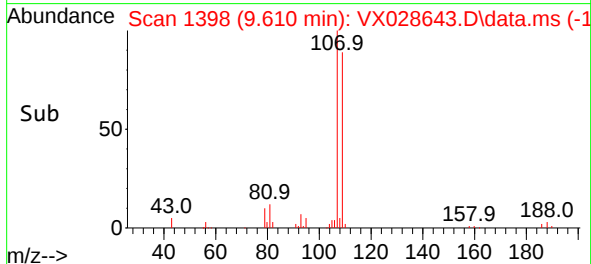
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



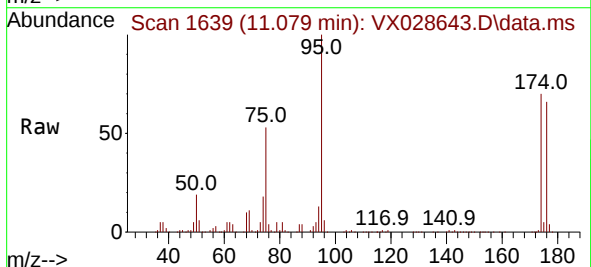
Tgt Ion:107 Resp: 5802
Ion Ratio Lower Upper
107 100
109 93.0 74.4 111.6

Manual Integrations
APPROVED

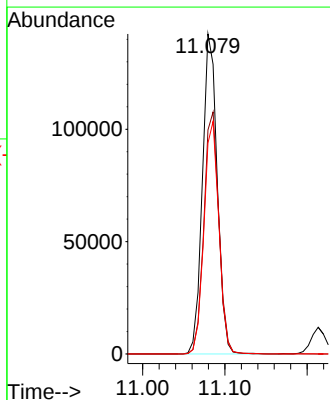
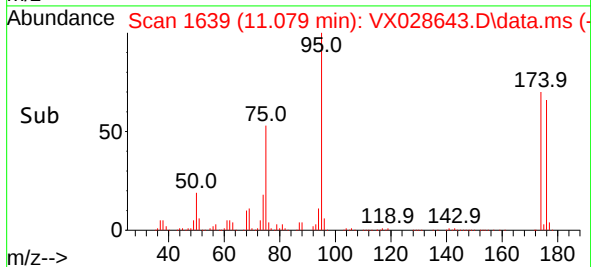
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

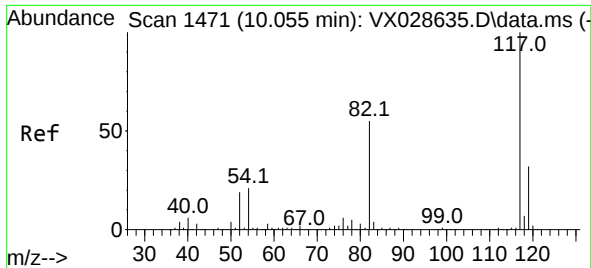


#62
4-Bromofluorobenzene
Concen: 46.661 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13



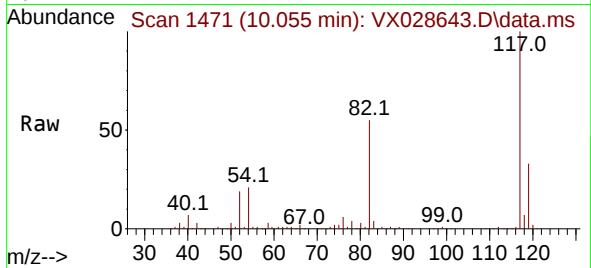
Tgt Ion: 95 Resp: 177814
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 73.3 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

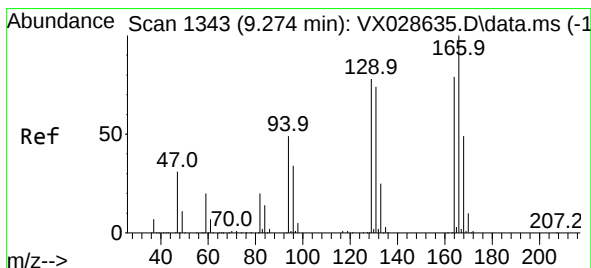
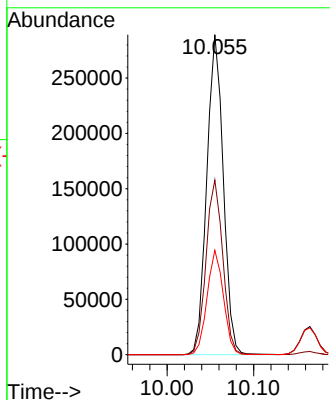
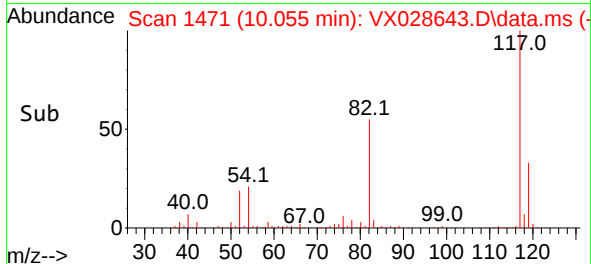
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion:117 Resp: 382849
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 32.6 24.8 37.2

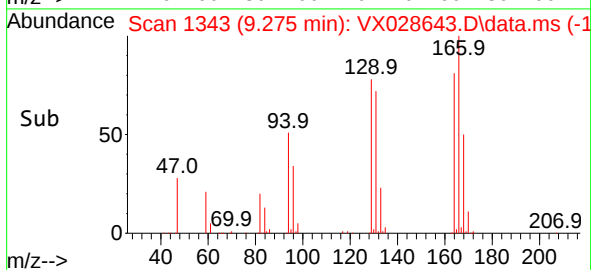
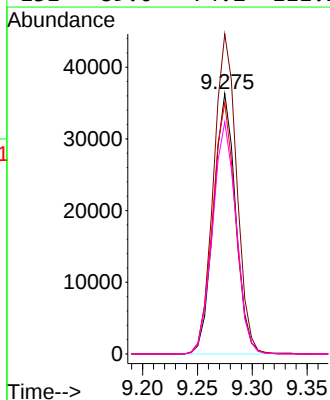
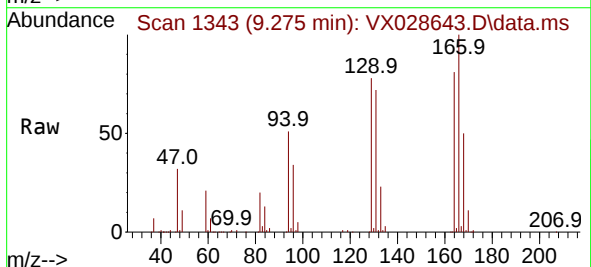
Manual Integrations
APPROVED

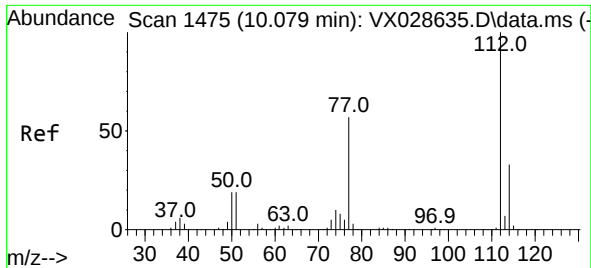
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 17.655 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

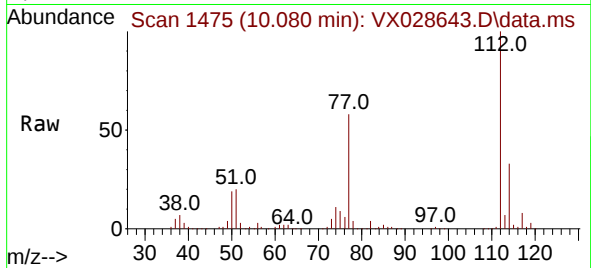
Tgt Ion:164 Resp: 51043
Ion Ratio Lower Upper
164 100
166 122.9 101.2 151.8
129 96.5 73.0 109.4
131 89.0 74.2 111.2





#65
Chlorobenzene
Concen: 17.772 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

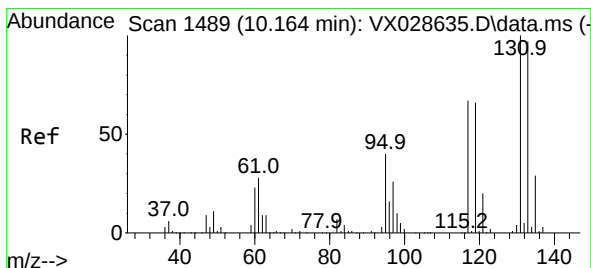
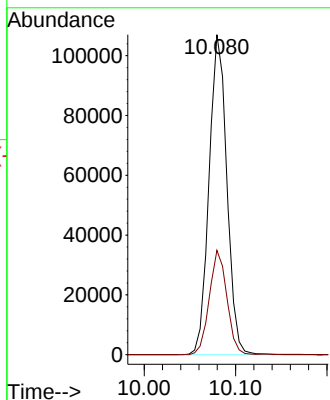
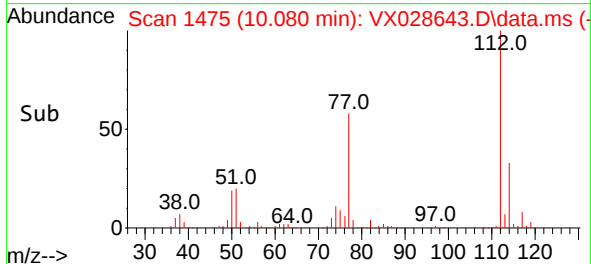
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



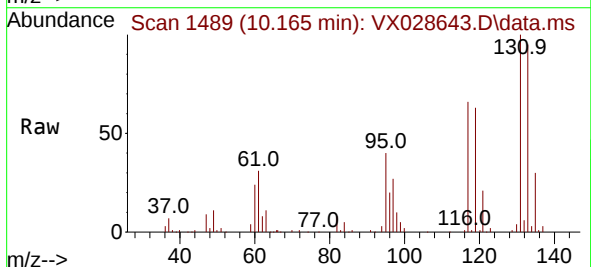
Tgt Ion:112 Resp: 14434
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

Manual Integrations
APPROVED

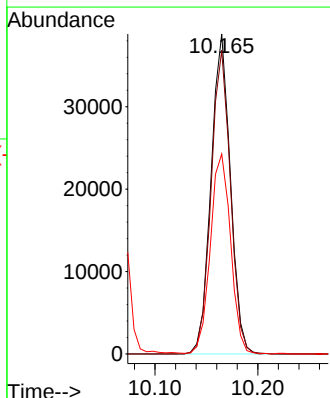
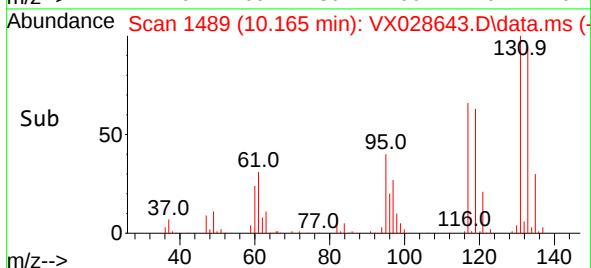
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

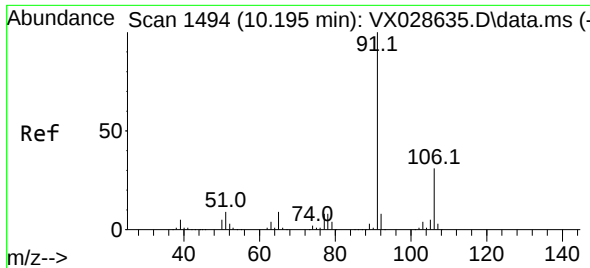


#66
1,1,1,2-Tetrachloroethane
Concen: 17.624 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13



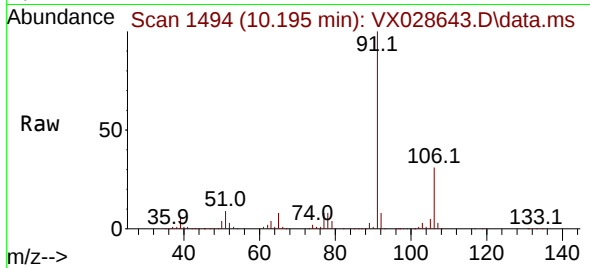
Tgt Ion:131 Resp: 50706
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.8
119 65.5 32.6 98.0





#67
Ethyl Benzene
Concen: 17.719 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

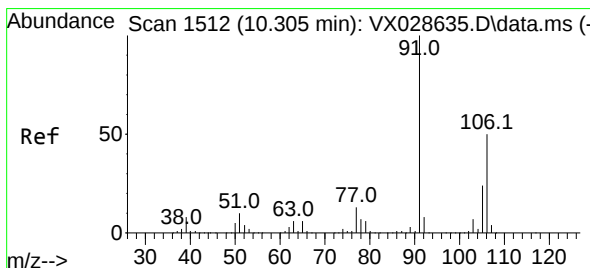
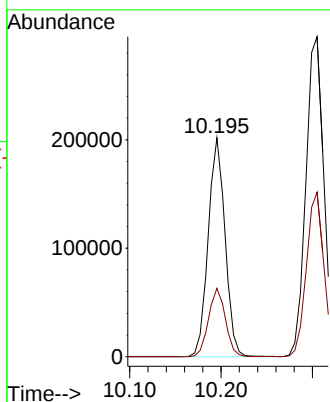
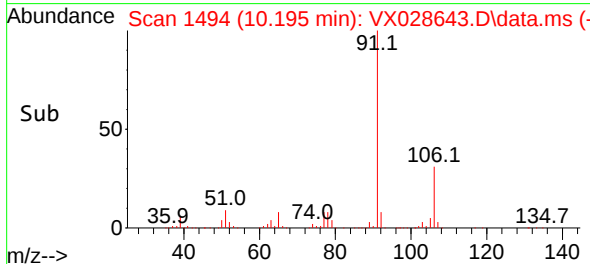
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 91 Resp: 257944
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

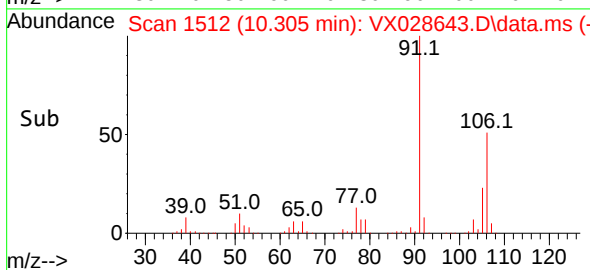
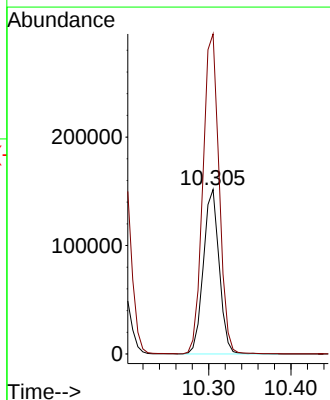
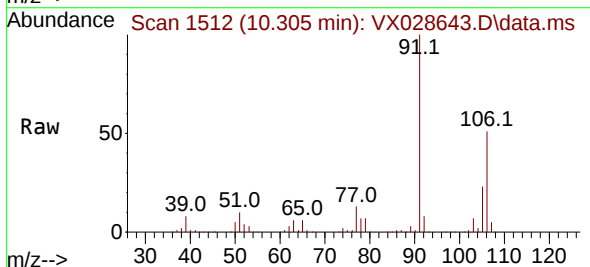
Manual Integrations
APPROVED

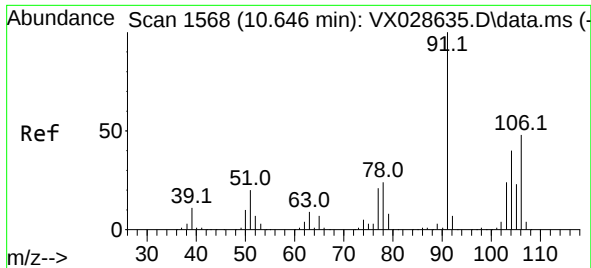
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#68
m/p-Xylenes
Concen: 35.773 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion:106 Resp: 202749
Ion Ratio Lower Upper
106 100
91 199.1 160.4 240.6





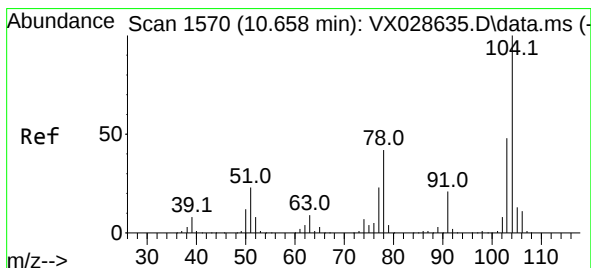
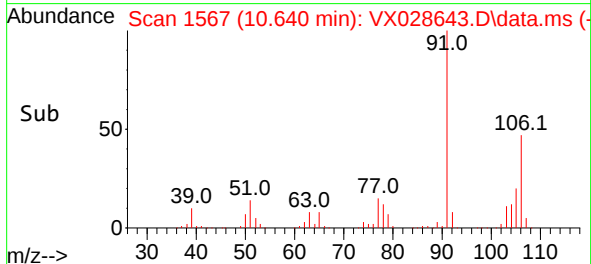
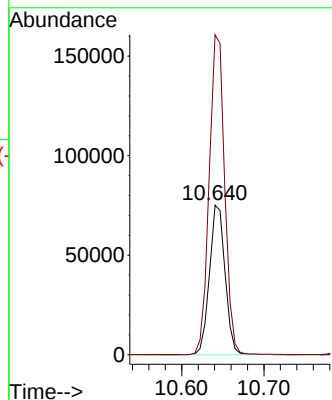
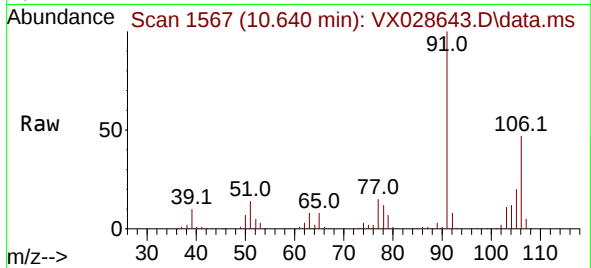
#69
o-Xylene
Concen: 17.720 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion:106 Resp: 98880
Ion Ratio Lower Upper
106 100
91 212.7 106.1 318.1

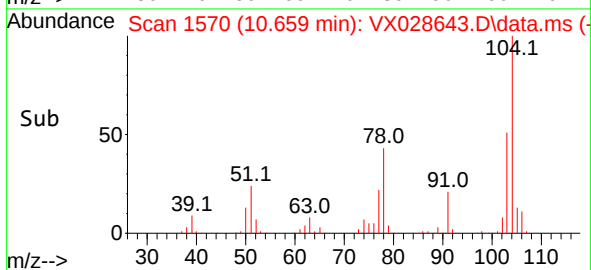
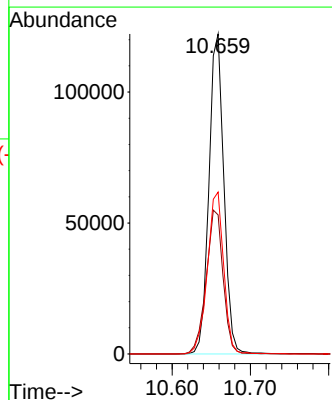
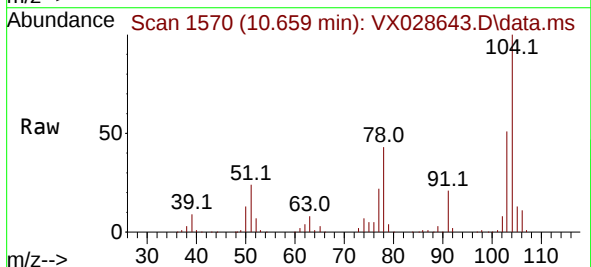
Manual Integrations
APPROVED

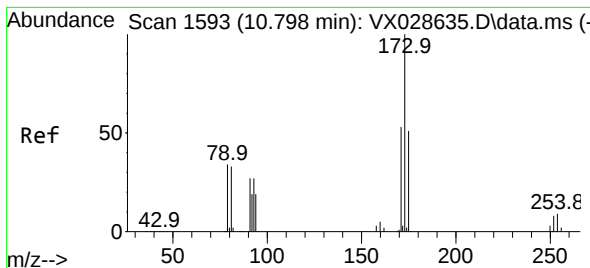
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 17.766 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

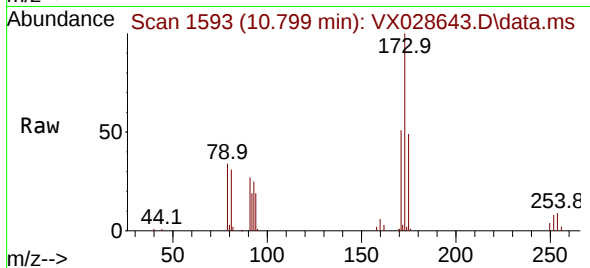
Tgt Ion:104 Resp: 160992
Ion Ratio Lower Upper
104 100
78 51.3 38.6 57.8
103 55.5 43.8 65.8





#71
Bromoform
Concen: 16.026 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

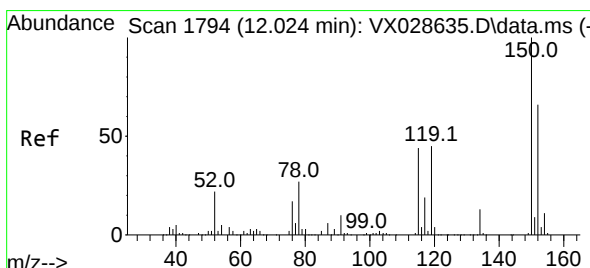
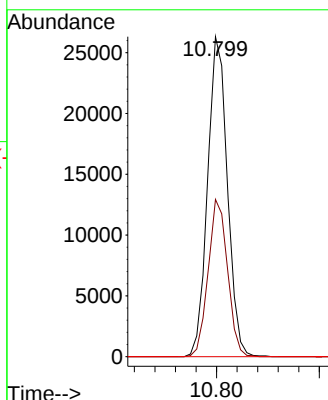
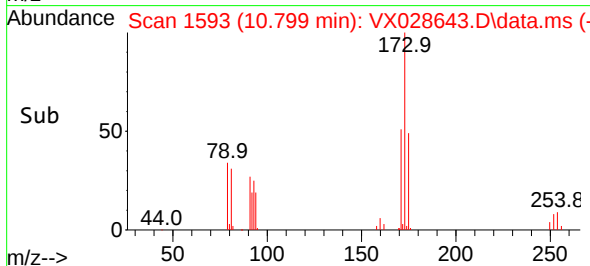
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



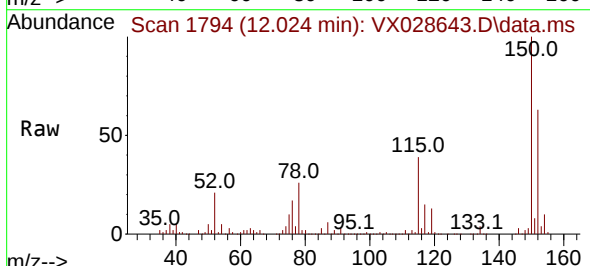
Tgt Ion:173 Resp: 35098
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

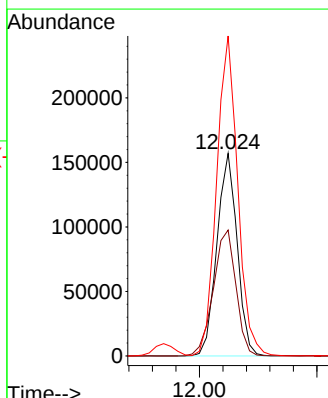
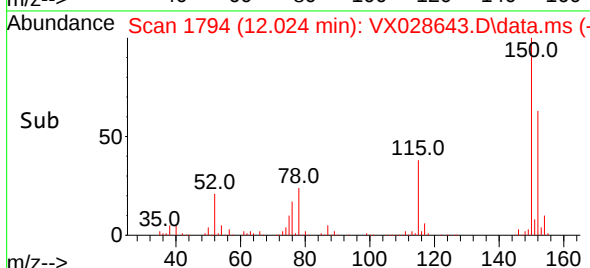
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

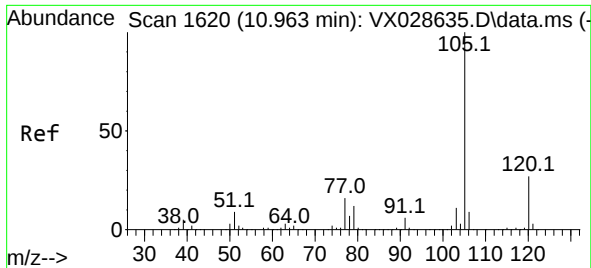


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13



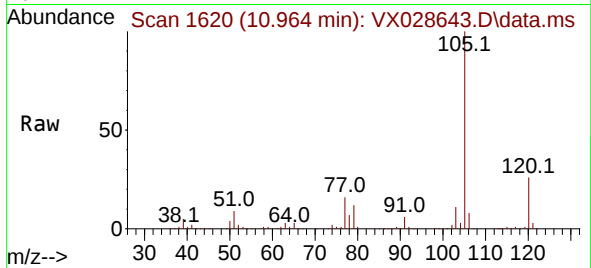
Tgt Ion:152 Resp: 187775
Ion Ratio Lower Upper
152 100
115 69.5 37.5 112.7
150 164.5 0.0 338.2





#73
Isopropylbenzene
Concen: 18.024 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

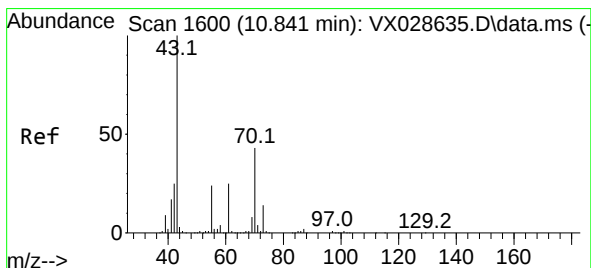
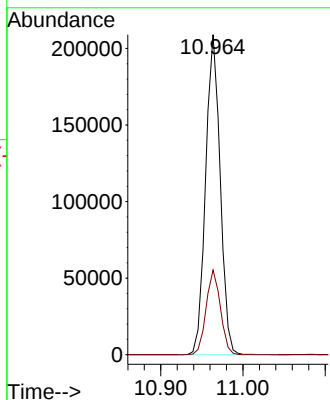
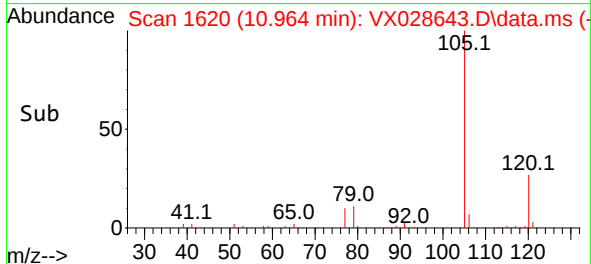
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion:105 Resp: 25666
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.5

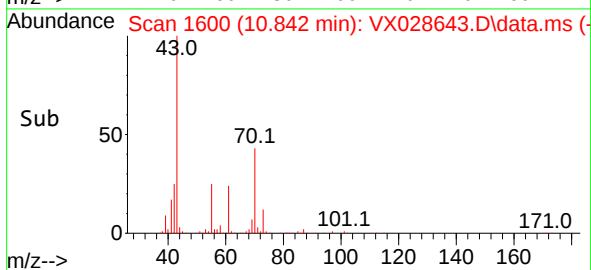
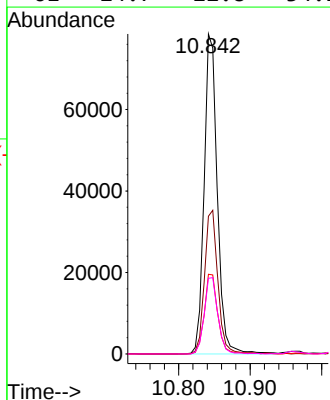
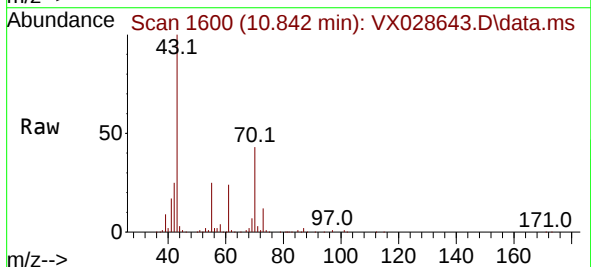
Manual Integrations
APPROVED

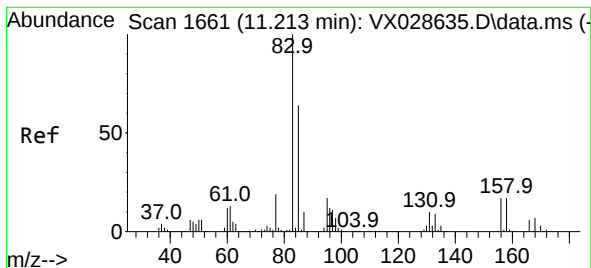
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#74
N-ethyl acetate
Concen: 17.975 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 43 Resp: 100615
Ion Ratio Lower Upper
43 100
70 45.5 42.5 63.7
55 25.6 23.1 34.7
61 24.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.030 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.001 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

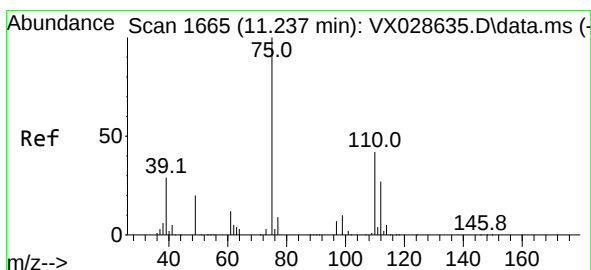
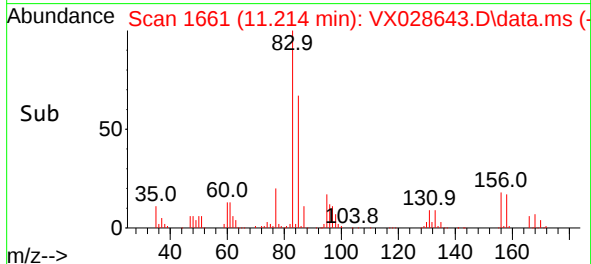
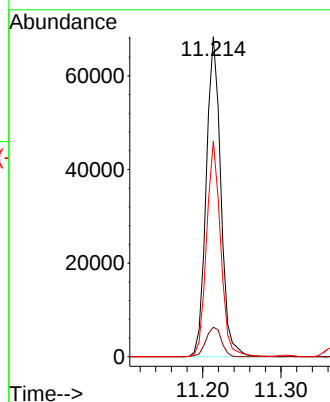
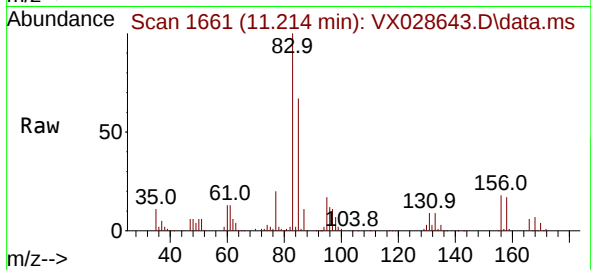
Tgt Ion:	83	Resp:	8808
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.3
85	65.0	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#76

1,2,3-Trichloropropane

Concen: 18.138 ug/l m

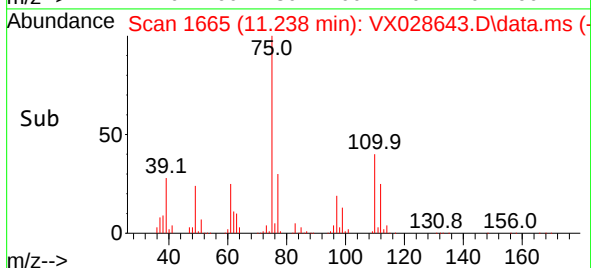
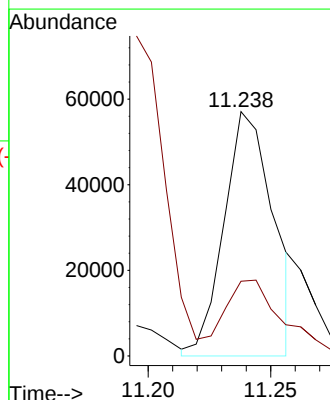
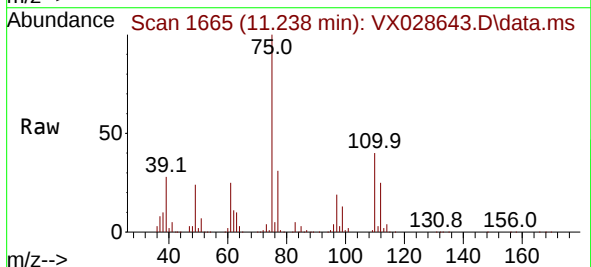
RT: 11.238 min Scan# 1665

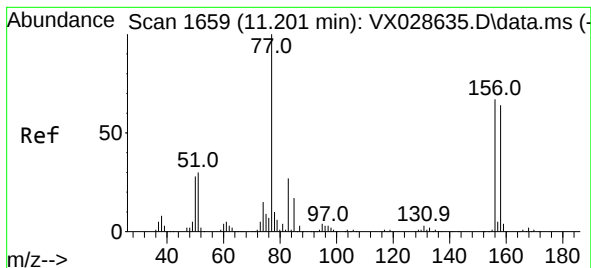
Delta R.T. 0.001 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Tgt Ion:	75	Resp:	79764
Ion Ratio	Lower	Upper	
75	100		
77	37.4	19.4	58.2





#77

Bromobenzene

Concen: 18.021 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

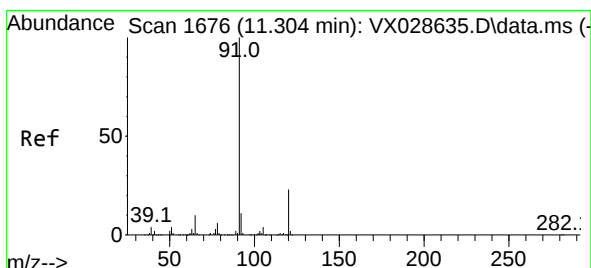
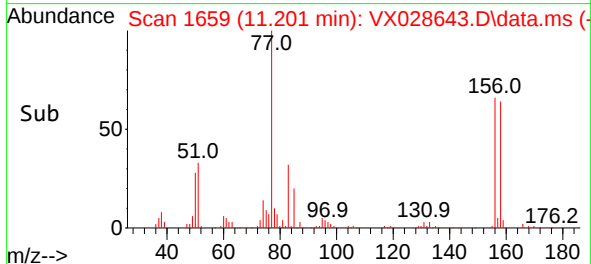
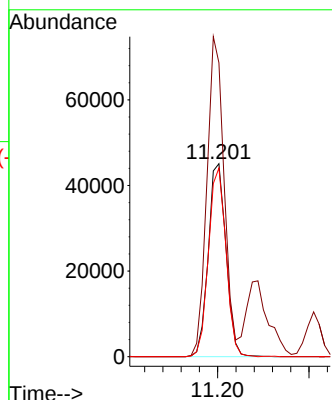
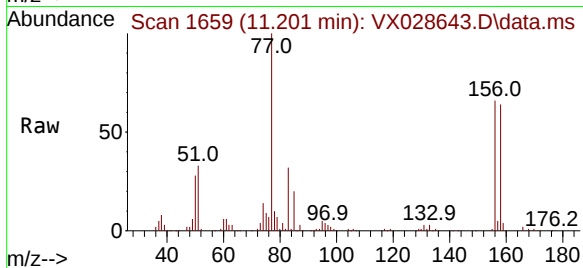
Tgt Ion:	156	Resp:	6071
Ion Ratio	Lower	Upper	
156	100		
77	159.6	78.5	235.3
158	96.2	50.2	150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#78

n-propylbenzene

Concen: 17.970 ug/l

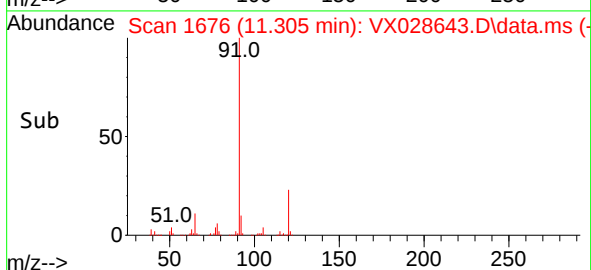
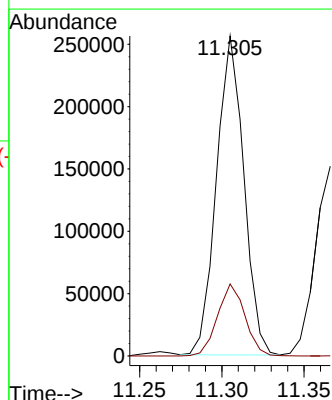
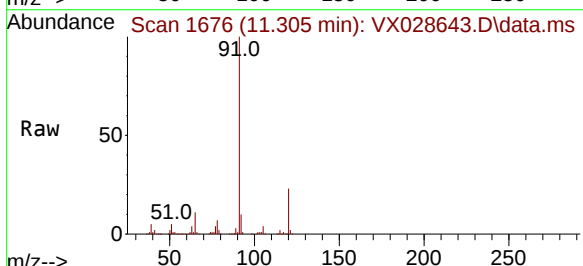
RT: 11.305 min Scan# 1676

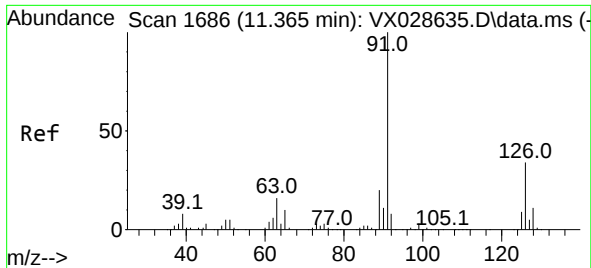
Delta R.T. 0.001 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Tgt Ion:	91	Resp:	295994
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.6	34.8





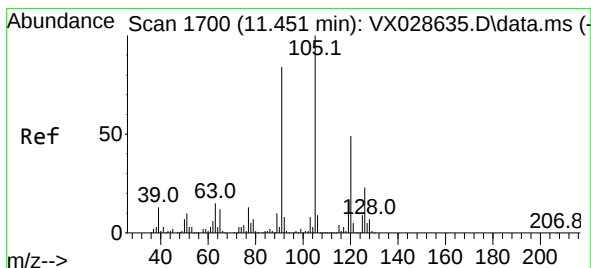
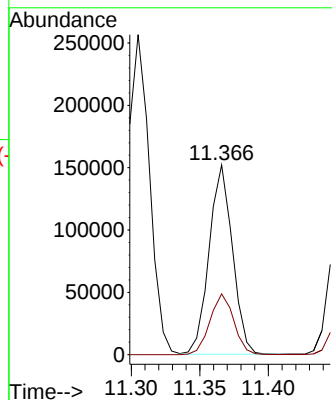
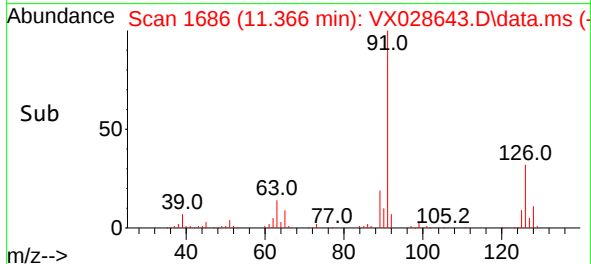
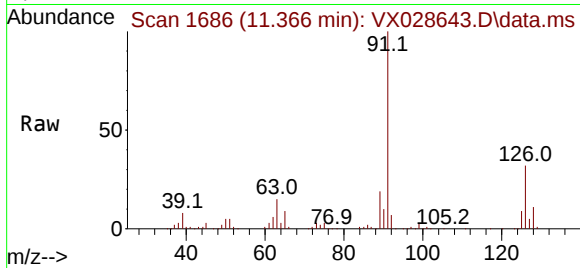
#79
2-Chlorotoluene
Concen: 17.843 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion: 91 Resp: 180140
Ion Ratio Lower Upper
91 100
126 32.8 17.3 51.9

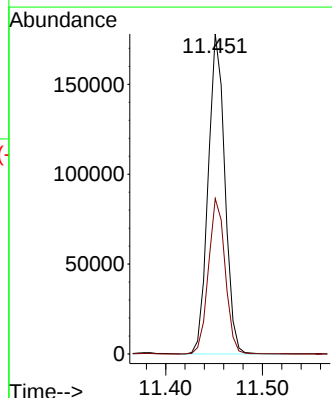
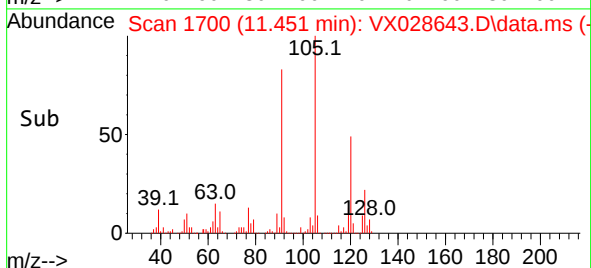
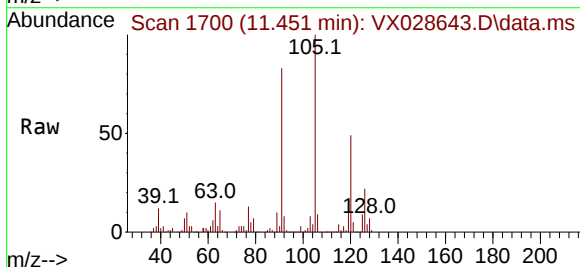
Manual Integrations
APPROVED

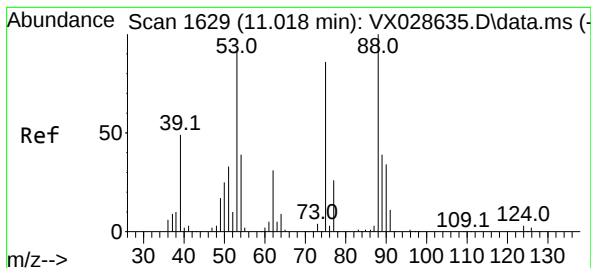
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.002 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

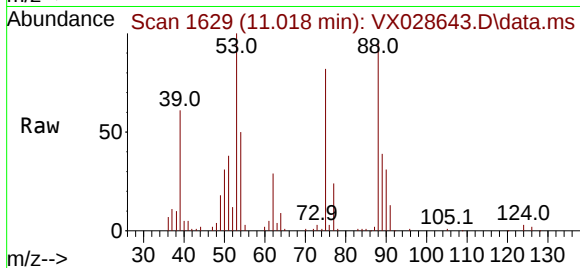
Tgt Ion:105 Resp: 213605
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 17.305 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

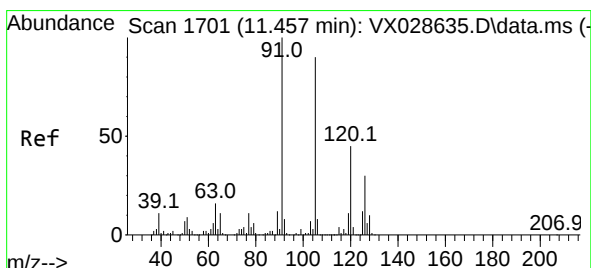
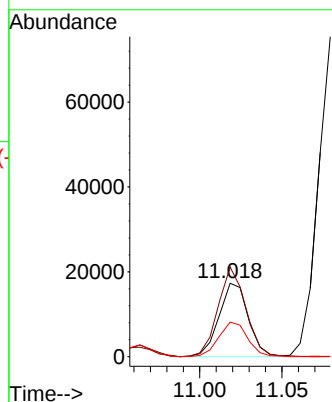
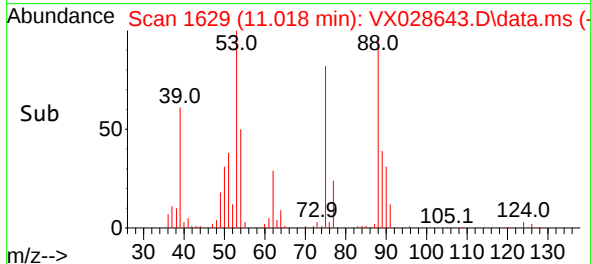
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 75 Resp: 21460
Ion Ratio Lower Upper
75 100
53 116.0 69.0 103.4
89 46.5 37.0 55.6

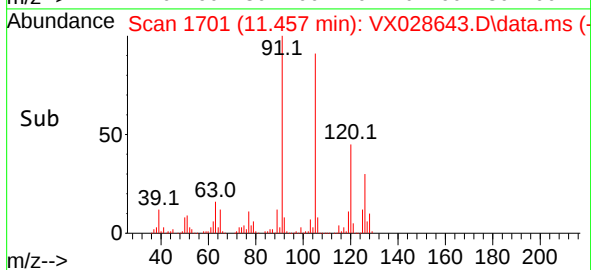
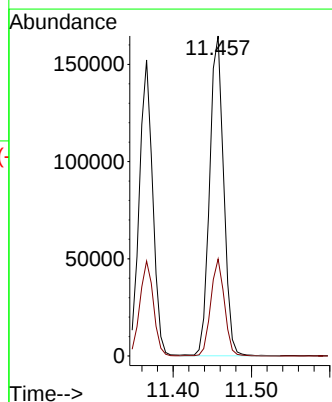
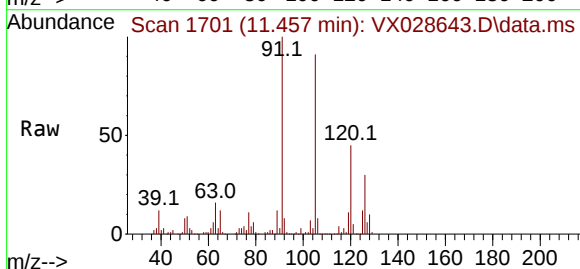
Manual Integrations
APPROVED

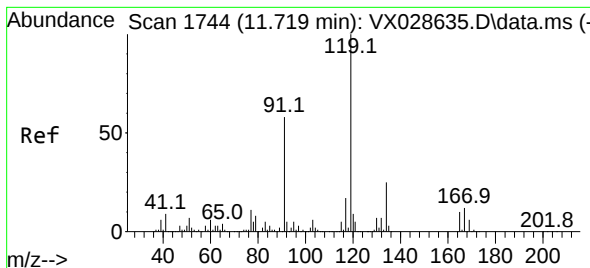
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 17.520 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion: 91 Resp: 204481
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.5





#83

tert-Butylbenzene

Concen: 17.758 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

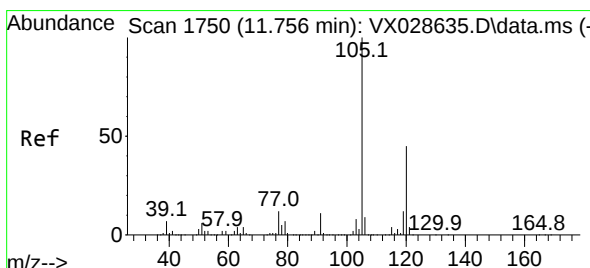
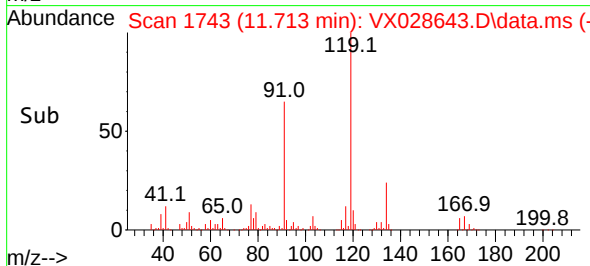
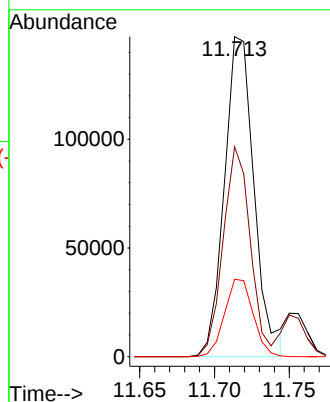
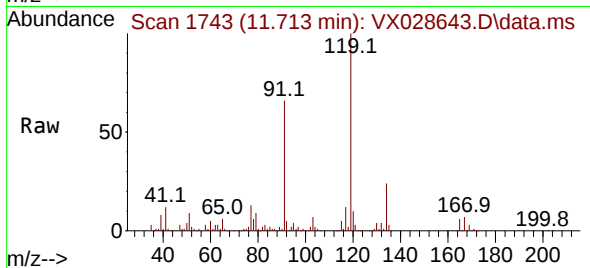
Tgt Ion:	119	Resp:	20400
Ion Ratio	Lower	Upper	
119	100		
91	59.8	26.9	80.6
134	23.2	11.4	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#84

1,2,4-Trimethylbenzene

Concen: 17.931 ug/l

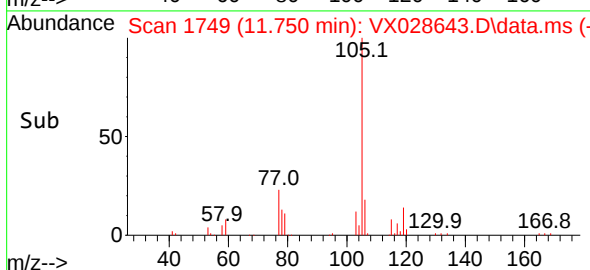
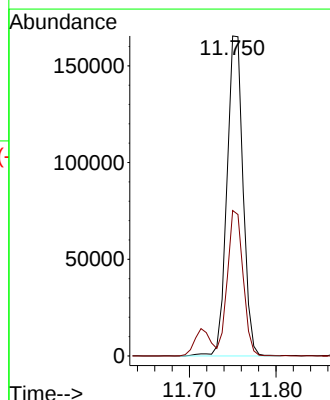
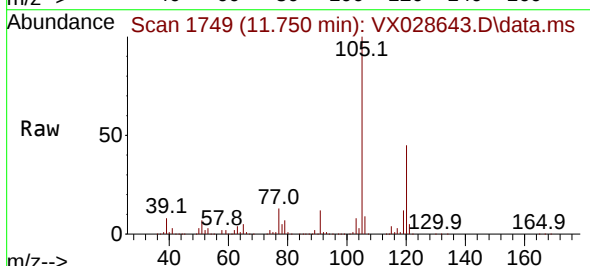
RT: 11.750 min Scan# 1749

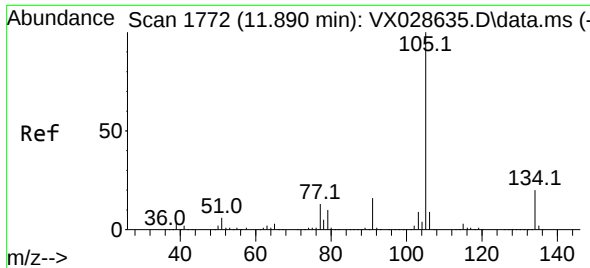
Delta R.T. -0.006 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

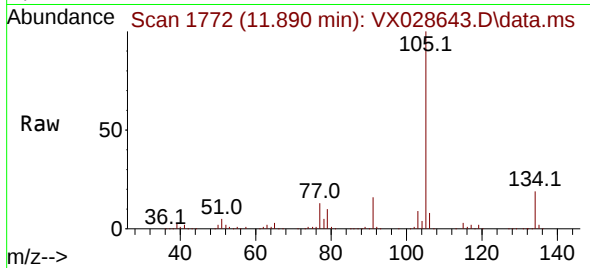
Tgt Ion:	105	Resp:	213346
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 17.994 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028643.D
 Acq: 12 May 2022 17:13

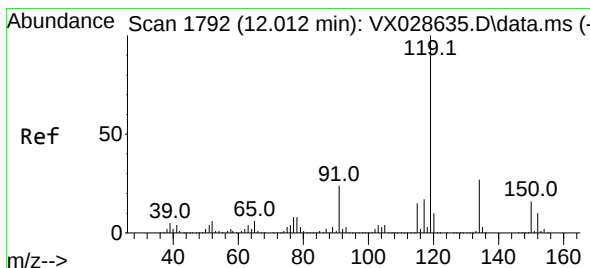
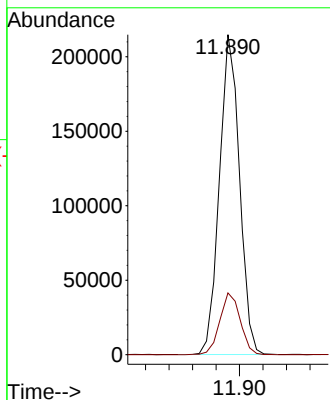
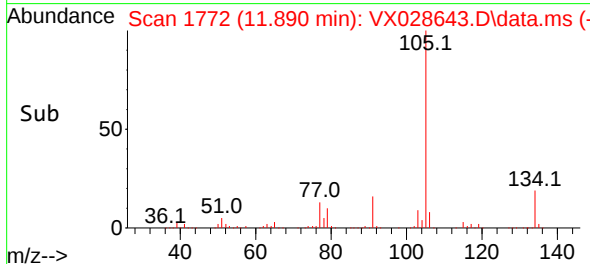
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01



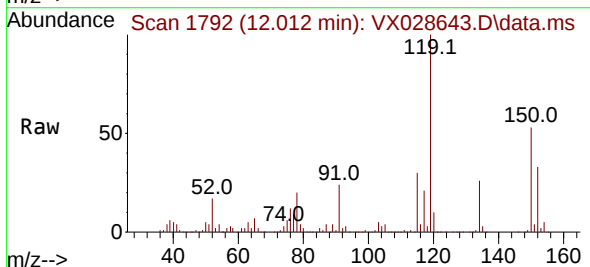
Tgt Ion:105 Resp: 254980
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

Manual Integrations
 APPROVED

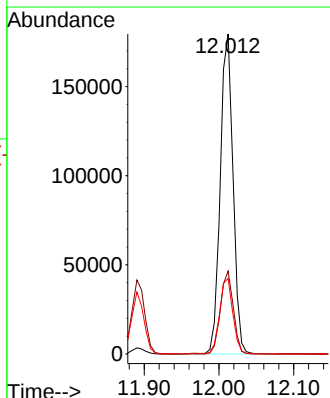
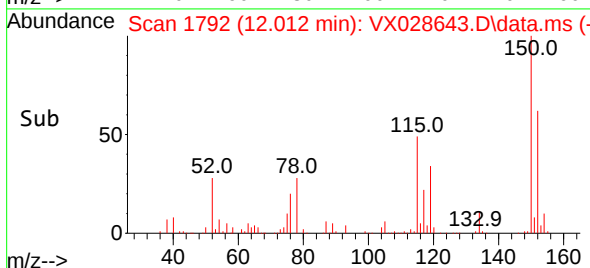
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

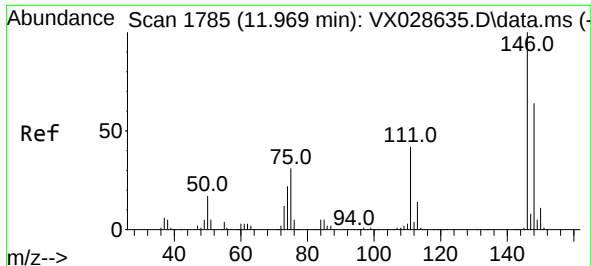


#86
 p-Isopropyltoluene
 Concen: 17.950 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028643.D
 Acq: 12 May 2022 17:13



Tgt Ion:119 Resp: 213440
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 17.237 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

Tgt Ion:146 Resp: 113915

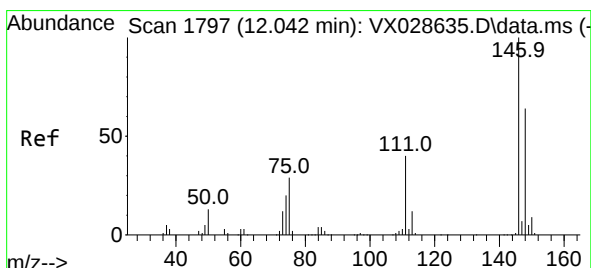
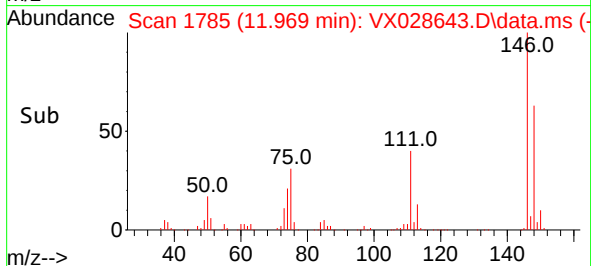
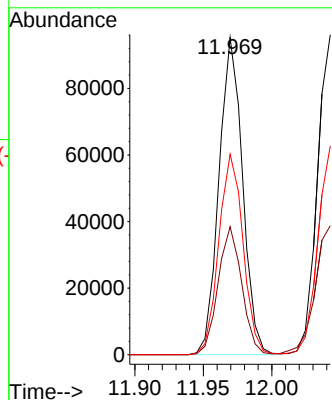
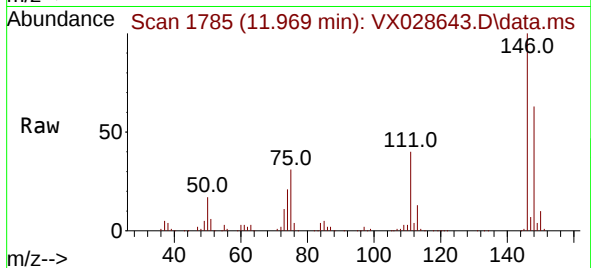
Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.1
148	65.1	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 17.055 ug/l

RT: 12.043 min Scan# 1797

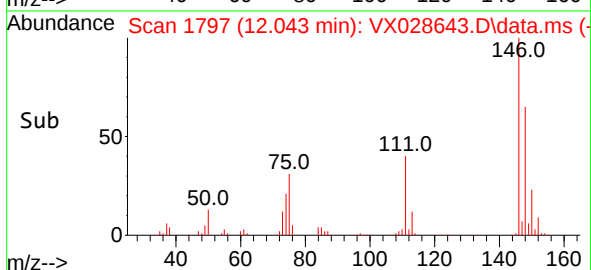
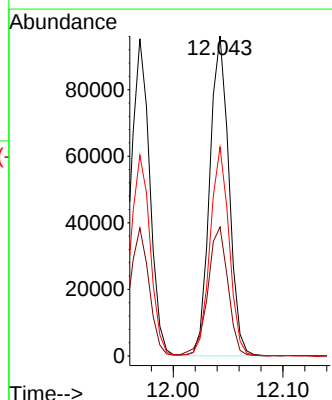
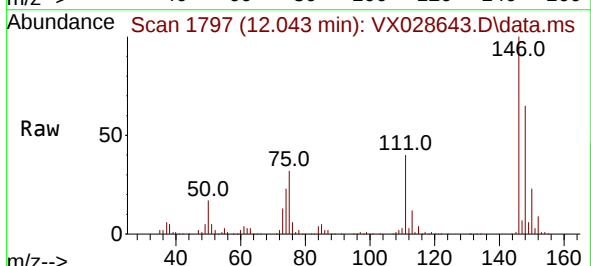
Delta R.T. 0.001 min

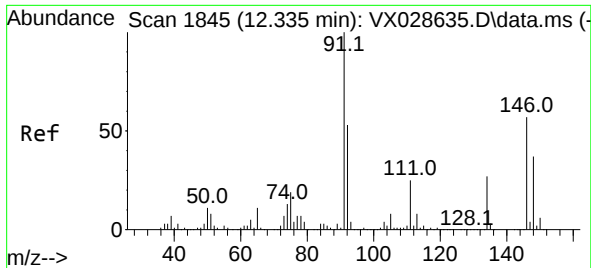
Lab File: VX028643.D

Acq: 12 May 2022 17:13

Tgt Ion:146 Resp: 116907

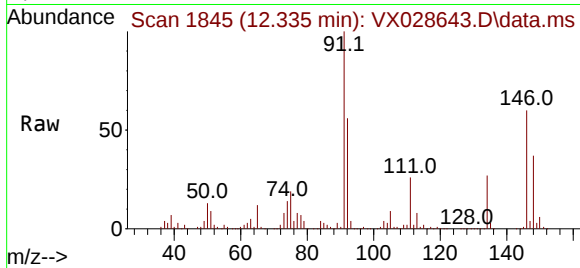
Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.2	57.6
148	64.6	32.3	96.9





#89
n-Butylbenzene
Concen: 17.575 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

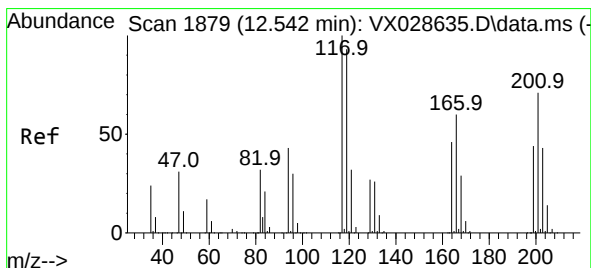
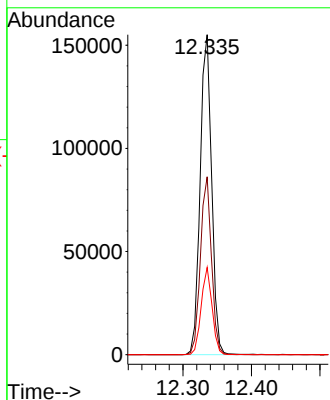
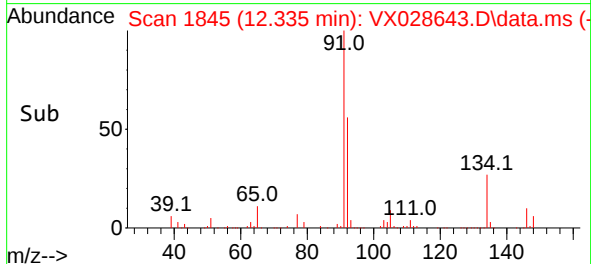
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion: 91 Resp: 181074
Ion Ratio Lower Upper
91 100
92 53.9 27.8 83.3
134 25.9 13.3 39.8

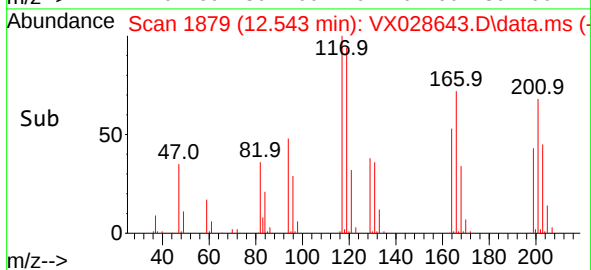
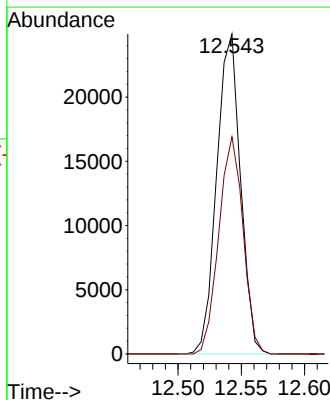
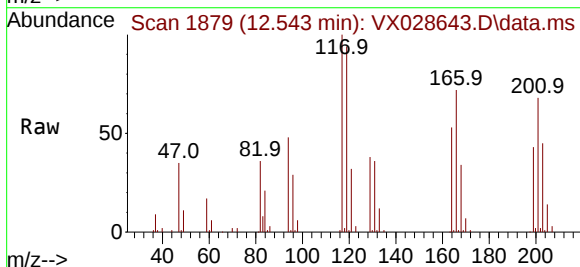
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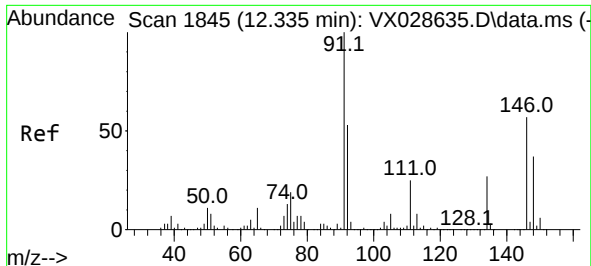
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 16.956 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

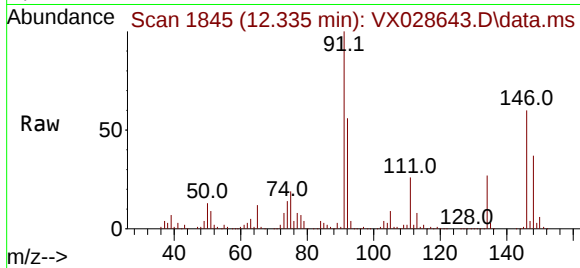
Tgt Ion:117 Resp: 32605
Ion Ratio Lower Upper
117 100
201 69.0 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 17.541 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

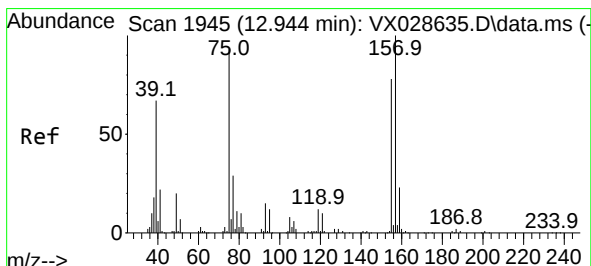
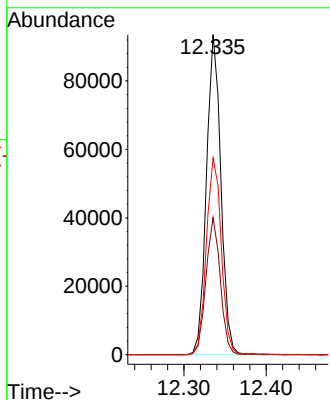
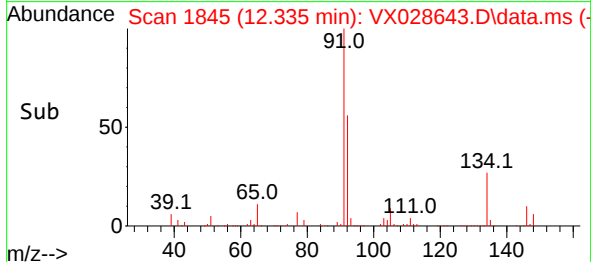
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



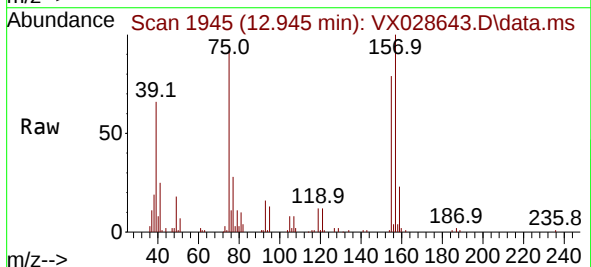
Tgt Ion:146 Resp: 11388
Ion Ratio Lower Upper
146 100
111 42.7 21.0 63.0
148 63.7 32.6 97.7

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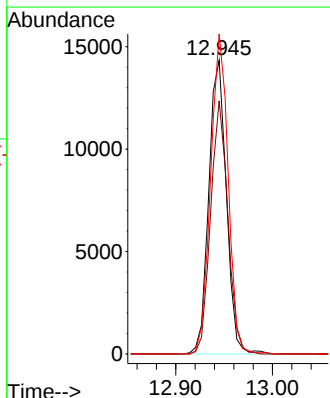
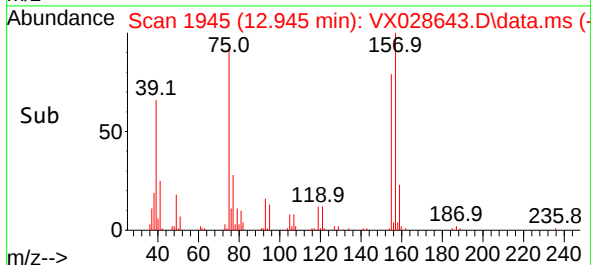
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

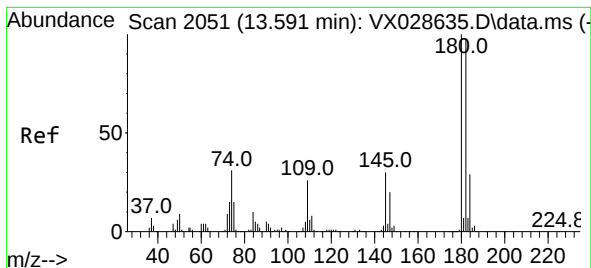


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.376 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13



Tgt Ion: 75 Resp: 18125
Ion Ratio Lower Upper
75 100
155 84.4 47.0 141.2
157 108.2 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 17.277 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

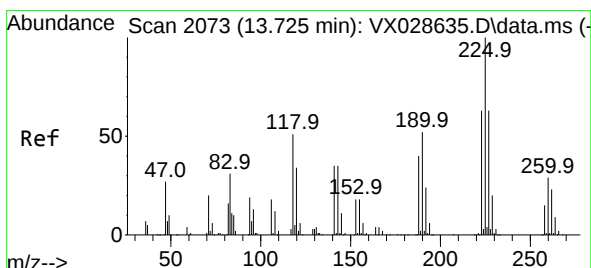
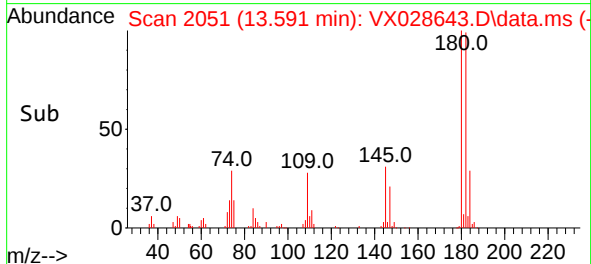
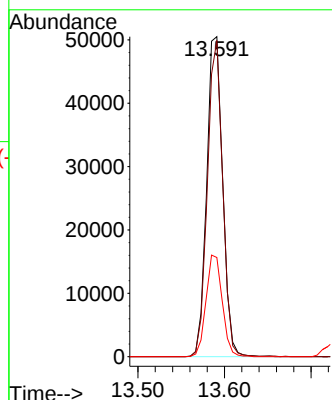
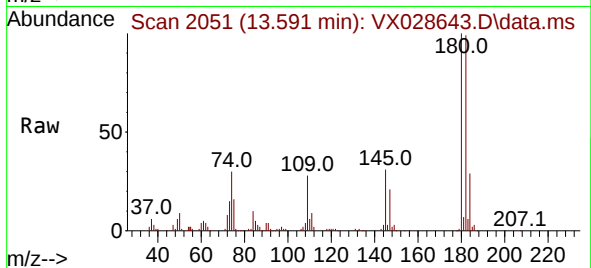
Tgt Ion:180	Resp:	6478
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.7 143.1
145	32.2	15.2 45.5

Manual Integrations

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Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#94

Hexachlorobutadiene

Concen: 17.617 ug/l

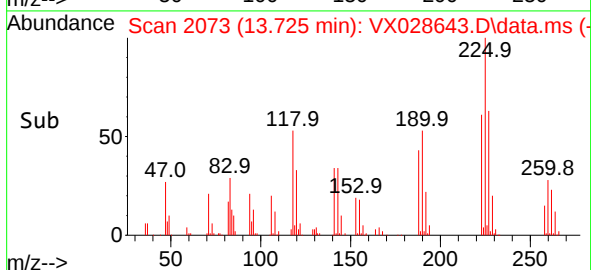
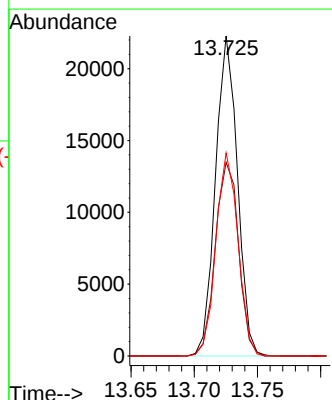
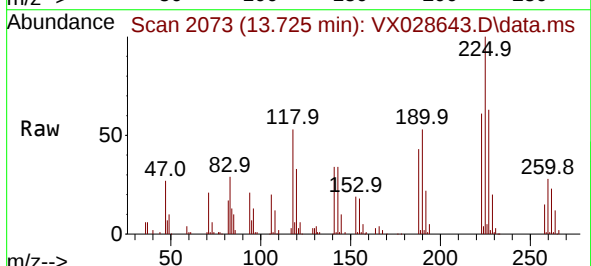
RT: 13.725 min Scan# 2073

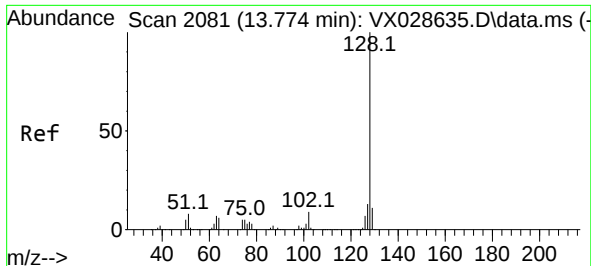
Delta R.T. 0.000 min

Lab File: VX028643.D

Acq: 12 May 2022 17:13

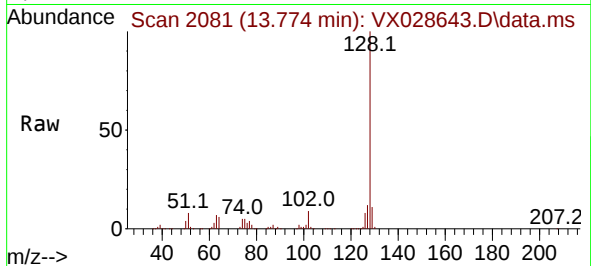
Tgt Ion:225	Resp:	26837
Ion Ratio	Lower	Upper
225	100	
223	64.1	34.2 102.5
227	63.8	33.9 101.7





#95
Naphthalene
Concen: 17.891 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

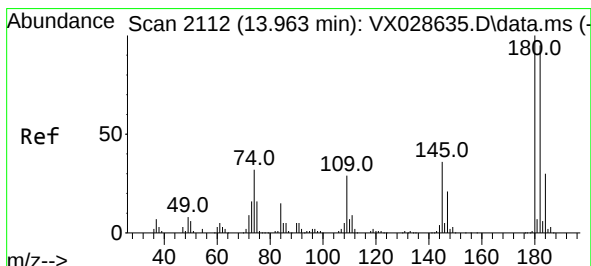
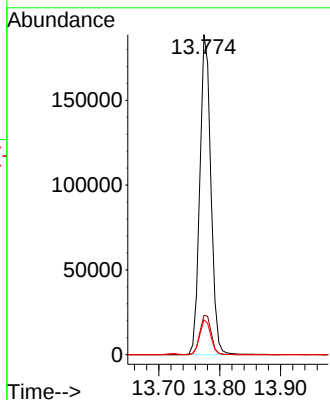
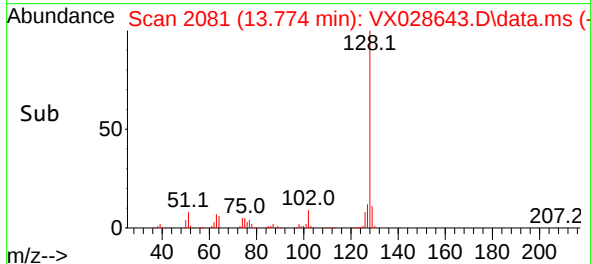
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01



Tgt Ion:128 Resp: 238720
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.649 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028643.D
Acq: 12 May 2022 17:13

Tgt Ion:180 Resp: 62700
Ion Ratio Lower Upper
180 100
182 96.0 50.0 149.8
145 34.7 16.2 48.5

