

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028634.D
 Acq On : 12 May 2022 12:55
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 12 14:15:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 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	5.556	168	206081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	360201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52168	19.131	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.260%#		
35) Dibromofluoromethane	5.391	113	41572	16.508	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	33.020%#		
50) Toluene-d8	8.653	98	156845	16.261	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	32.520%#		
62) 4-Bromofluorobenzene	11.079	95	55942	15.250	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	30.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56775	35.786	ug/l	99
3) Chloromethane	1.294	50	51435	29.860	ug/l	99
4) Vinyl Chloride	1.374	62	55573	25.068	ug/l	98
5) Bromomethane	1.605	94	47429	22.143	ug/l	98
6) Chloroethane	1.685	64	37341	19.148	ug/l	98
7) Trichlorofluoromethane	1.886	101	88761	19.210	ug/l	96
8) Diethyl Ether	2.136	74	32173	20.074	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	45724	25.151	ug/l	93
10) Methyl Iodide	2.453	142	53100	23.511	ug/l	92
11) Tert butyl alcohol	2.971	59	59508	103.689	ug/l	100
12) 1,1-Dichloroethene	2.319	96	42927	24.976	ug/l	96
13) Acrolein	2.239	56	45169	133.267	ug/l	97
14) Allyl chloride	2.666	41	68026	24.160	ug/l	90
15) Acrylonitrile	3.062	53	140521	123.018	ug/l	99
16) Acetone	2.380	43	122636	129.166	ug/l	93
17) Carbon Disulfide	2.514	76	107438	23.553	ug/l	98
18) Methyl Acetate	2.703	43	61668	24.483	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	152757	22.550	ug/l	100
20) Methylene Chloride	2.788	84	49634	23.558	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	47845	21.594	ug/l	98
22) Diisopropyl ether	3.763	45	150437	23.869	ug/l	88
23) Vinyl Acetate	3.721	43	659480	119.950	ug/l	96
24) 1,1-Dichloroethane	3.611	63	86258	23.064	ug/l	99
25) 2-Butanone	4.556	43	193897	117.676	ug/l	94
26) 2,2-Dichloropropane	4.483	77	66425	18.973	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	54741	20.865	ug/l	98
28) Bromochloromethane	4.904	49	36912	24.029	ug/l	88
29) Tetrahydrofuran	5.007	42	127602	118.587	ug/l	92
30) Chloroform	5.093	83	94330	21.581	ug/l	98
31) Cyclohexane	5.477	56	78682	22.942	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	80771	20.526	ug/l	99
36) 1,1-Dichloropropene	5.696	75	68214	20.176	ug/l	99
37) Ethyl Acetate	4.715	43	75483	21.820	ug/l	96
38) Carbon Tetrachloride	5.684	117	68692	18.357	ug/l	98
39) Methylcyclohexane	7.385	83	78845	18.743	ug/l	97
40) Benzene	6.044	78	199210	20.288	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38076	21.356	ug/l	93
42) 1,2-Dichloroethane	6.092	62	74531	20.437	ug/l	98
43) Isopropyl Acetate	6.342	43	114253	20.451	ug/l	95
44) Trichloroethene	7.129	130	52667	18.602	ug/l	94
45) 1,2-Dichloropropane	7.434	63	49690	20.549	ug/l	98
46) Dibromomethane	7.586	93	37190	19.751	ug/l	90
47) Bromodichloromethane	7.824	83	67950	18.854	ug/l	100
48) Methyl methacrylate	7.696	41	55503	21.409	ug/l	86
49) 1,4-Dioxane	7.671	88	27136	401.791	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	384908	107.052	ug/l	92
52) Toluene	8.720	92	129777	19.204	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	68740	18.053	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	76308	18.539	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	52591	19.135	ug/l	97
56) Ethyl methacrylate	9.116	69	79543	19.819	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	87581	19.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	196823	105.455	ug/l	100
59) 2-Hexanone	9.433	43	296191	106.135	ug/l	91
60) Dibromochloromethane	9.525	129	49545	16.824	ug/l	96
61) 1,2-Dibromoethane	9.610	107	54954	18.436	ug/l	99
64) Tetrachloroethene	9.275	164	48738	18.837	ug/l	95
65) Chlorobenzene	10.079	112	137651	19.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	48117	18.463	ug/l	99
67) Ethyl Benzene	10.195	91	246197	20.633	ug/l	99
68) m/p-Xylenes	10.305	106	193187	40.137	ug/l	99
69) o-Xylene	10.640	106	93470	19.529	ug/l	98
70) Styrene	10.659	104	155047	19.901	ug/l	98
71) Bromoform	10.799	173	33669	16.587	ug/l #	99
73) Isopropylbenzene	10.963	105	245312	21.801	ug/l	99
74) N-amyl acetate	10.848	43	95405	23.760	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	82960	22.624	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76034m	23.407	ug/l	
77) Bromobenzene	11.201	156	56629	19.585	ug/l	97
78) n-propylbenzene	11.305	91	281802	22.445	ug/l	99
79) 2-Chlorotoluene	11.366	91	171313	22.046	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	203831	21.448	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20180	18.623	ug/l #	80
82) 4-Chlorotoluene	11.457	91	195883	21.856	ug/l	100
83) tert-Butylbenzene	11.713	119	197565	20.536	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	206212	21.829	ug/l	98
85) sec-Butylbenzene	11.890	105	243006	20.870	ug/l	98
86) p-Isopropyltoluene	12.012	119	202353	20.225	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	109552	20.170	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	111789	19.643	ug/l	98
89) n-Butylbenzene	12.335	91	170254	20.459	ug/l	97
90) Hexachloroethane	12.542	117	31243	19.536	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	110046	20.390	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18173	22.343	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	62911	19.592	ug/l	98
94) Hexachlorobutadiene	13.725	225	23977	16.906	ug/l	96
95) Naphthalene	13.774	128	239626	22.195	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63880	20.318	ug/l	95

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ClientSampleId :
VSTDICC020

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 12 14:13:24 2022
Response via : Initial Calibration

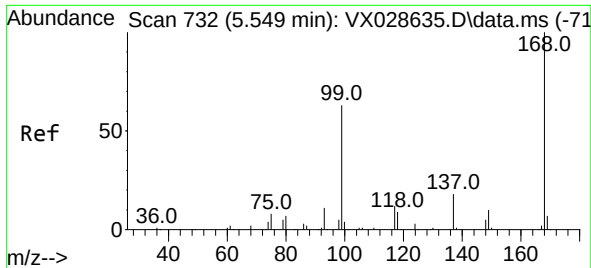
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

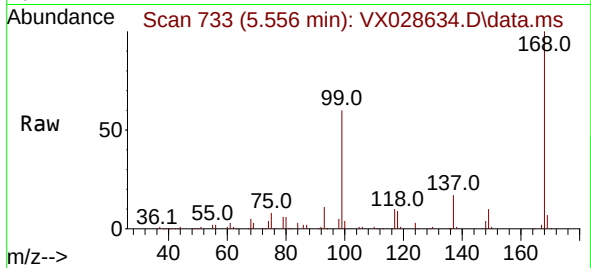
Quant Time: May 12 14:15:15 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

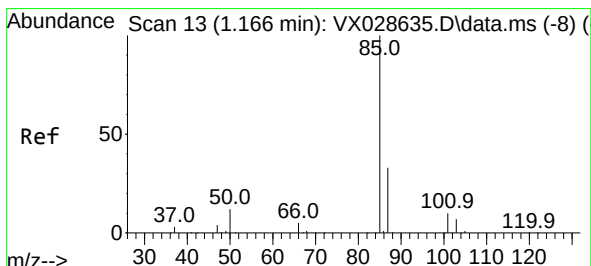
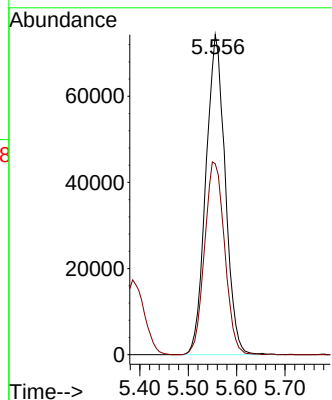
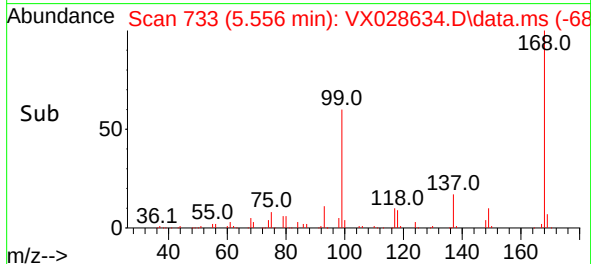
Instrument :
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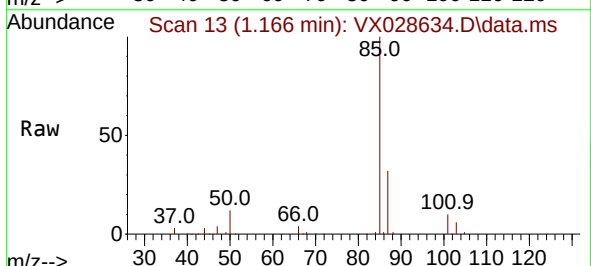
Tgt Ion:168 Resp: 20608
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5

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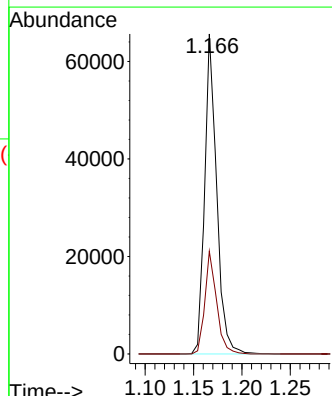
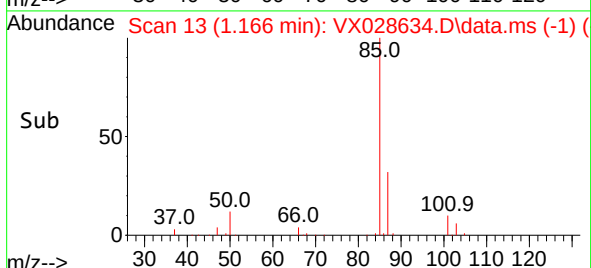
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

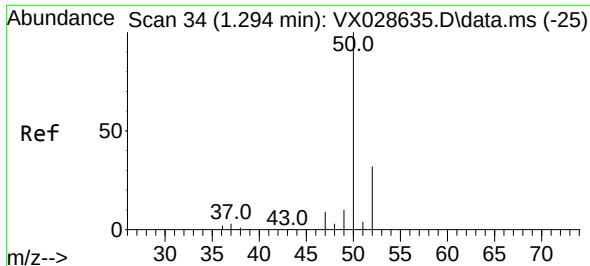


#2
Dichlorodifluoromethane
Concen: 35.786 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55



Tgt Ion: 85 Resp: 56775
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





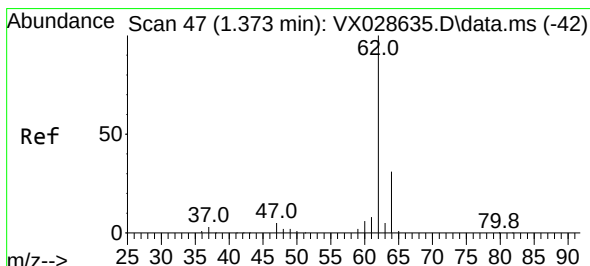
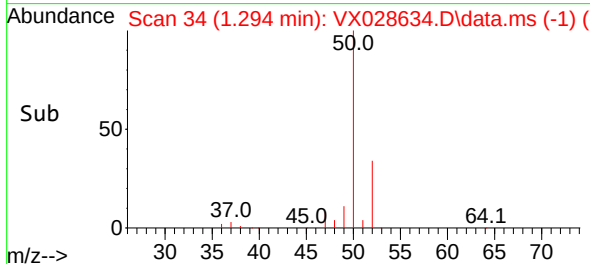
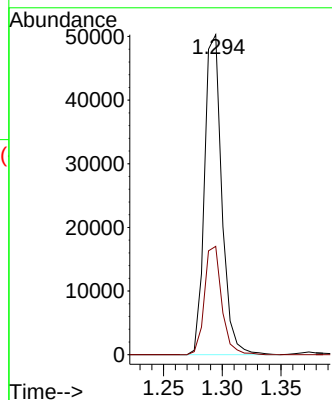
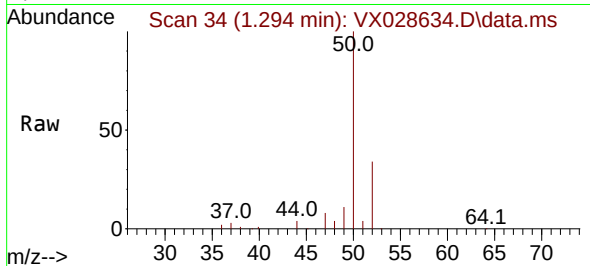
#3
Chloromethane
Concen: 29.860 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028634.D
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MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 51435
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

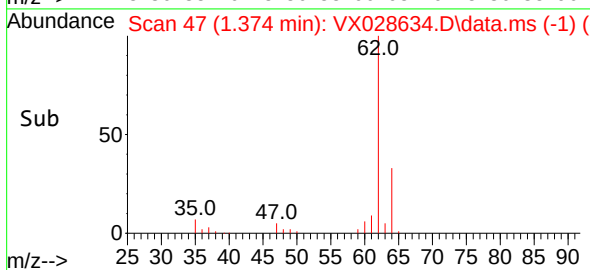
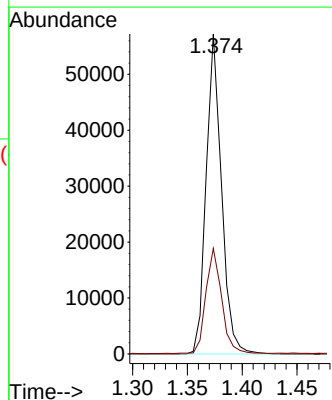
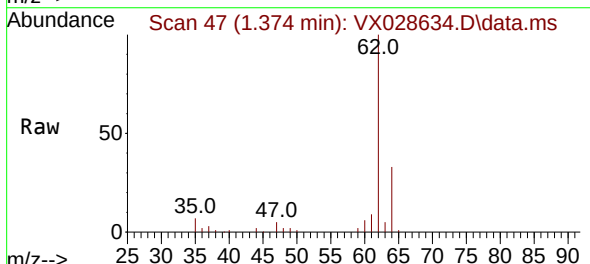
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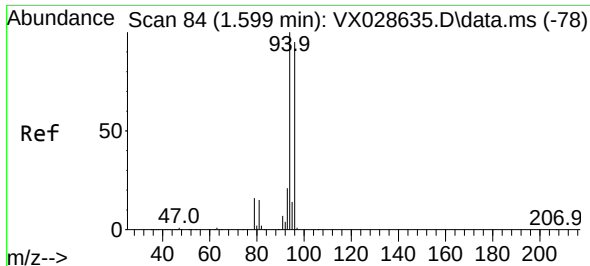
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 25.068 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

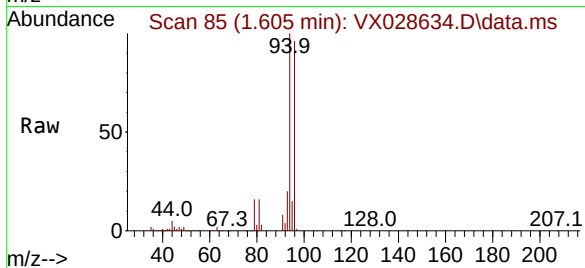
Tgt Ion: 62 Resp: 55573
Ion Ratio Lower Upper
62 100
64 32.8 25.5 38.3





#5
Bromomethane
Concen: 22.143 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

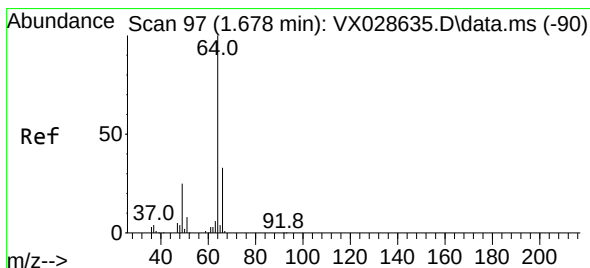
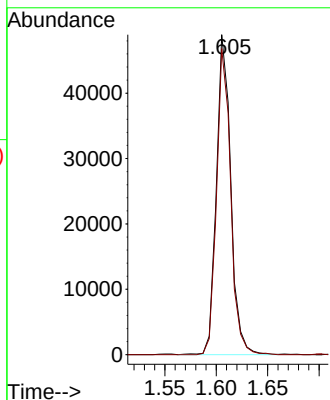
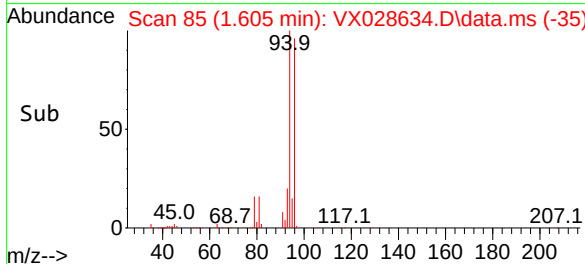
Instrument :
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Tgt Ion: 94 Resp: 47429
Ion Ratio Lower Upper
94 100
96 95.7 75.3 112.9

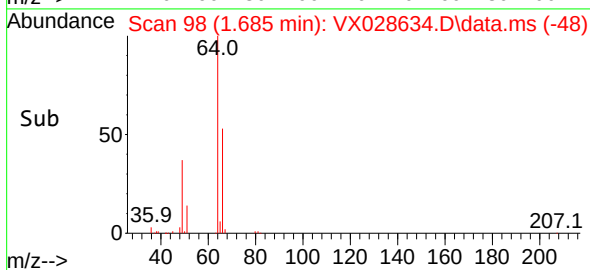
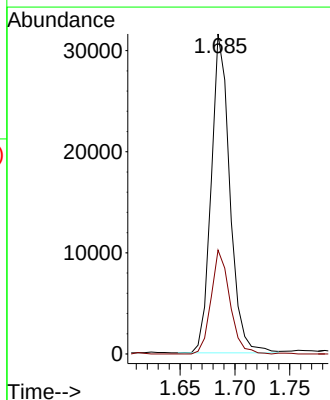
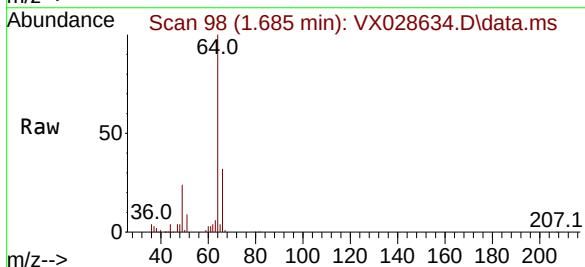
Manual Integrations
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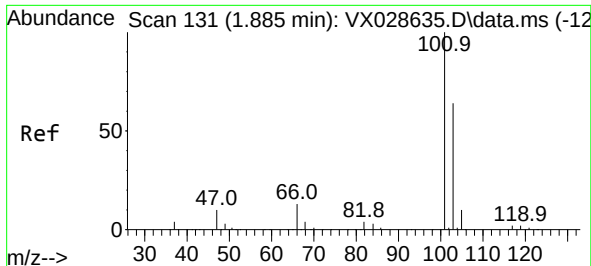
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 19.148 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 64 Resp: 37341
Ion Ratio Lower Upper
64 100
66 32.6 25.3 37.9





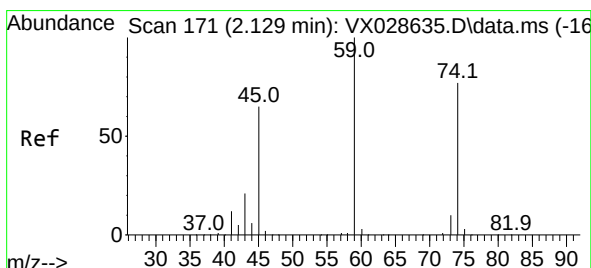
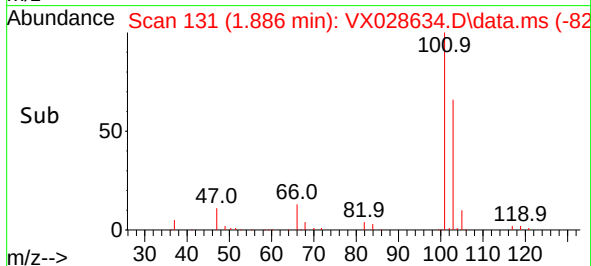
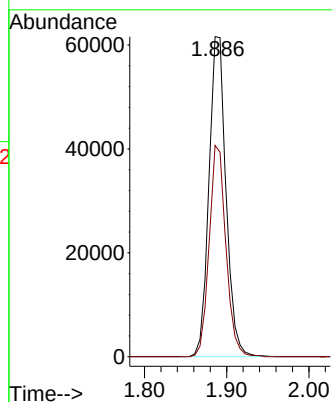
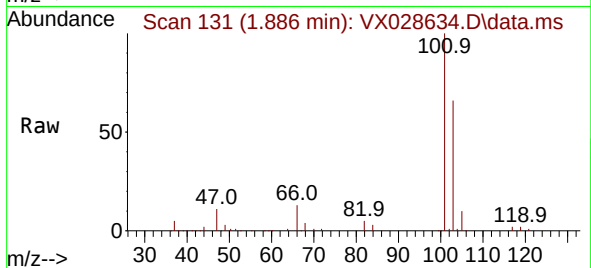
#7
Trichlorofluoromethane
Concen: 19.210 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 8876
Ion Ratio Lower Upper
101 100
103 66.0 50.5 75.7

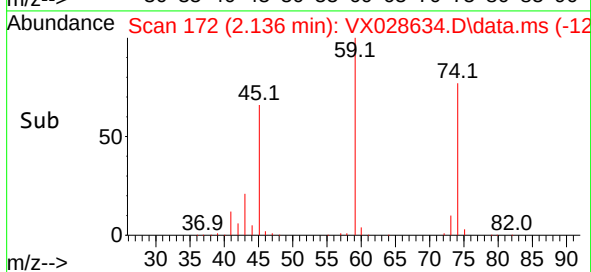
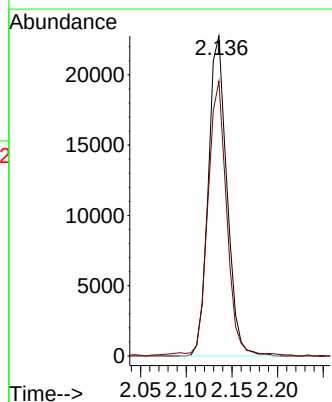
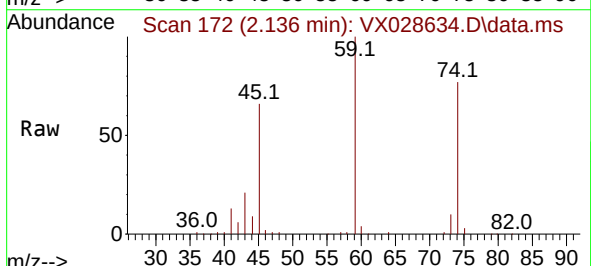
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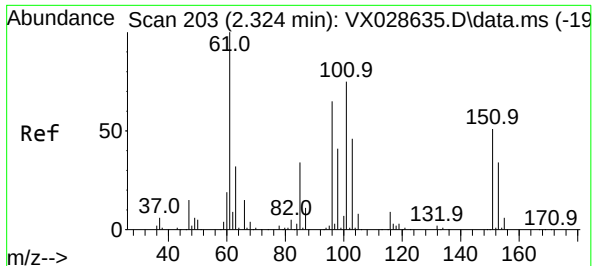
Reviewed By :John Carlone 05/13/2022
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#8
Diethyl Ether
Concen: 20.074 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 74 Resp: 32173
Ion Ratio Lower Upper
74 100
45 87.2 42.0 126.0





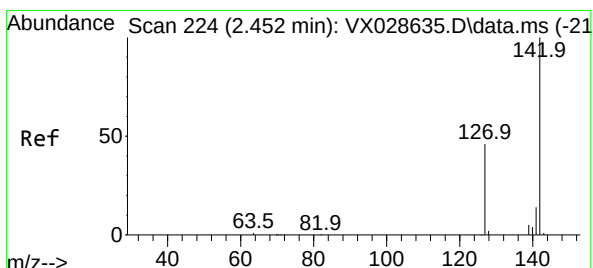
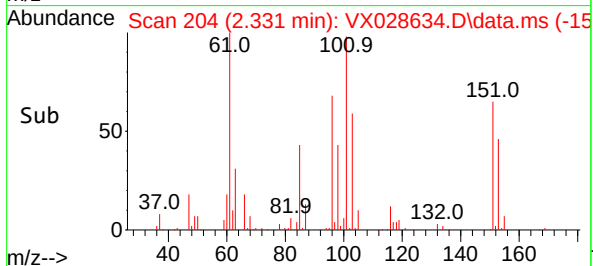
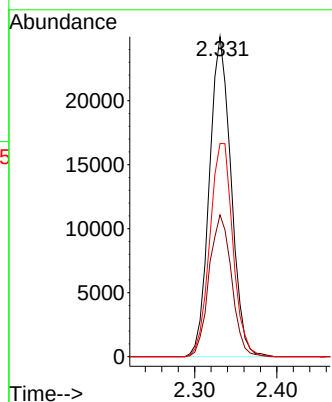
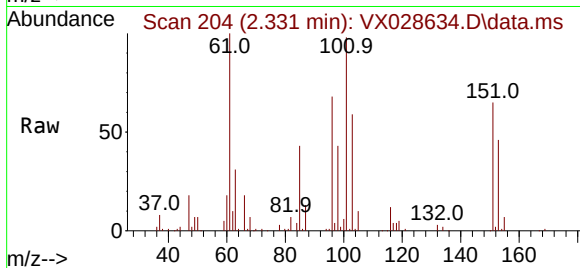
#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.151 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion:101 Resp: 45724
Ion Ratio Lower Upper
101 100
85 45.9 33.5 50.3
151 71.0 61.8 92.6

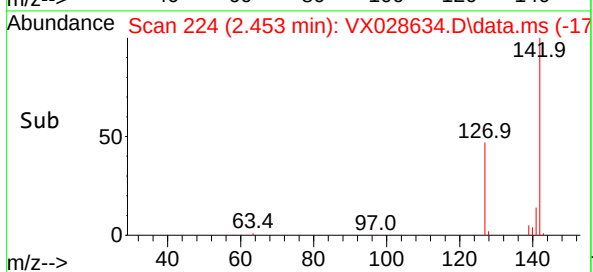
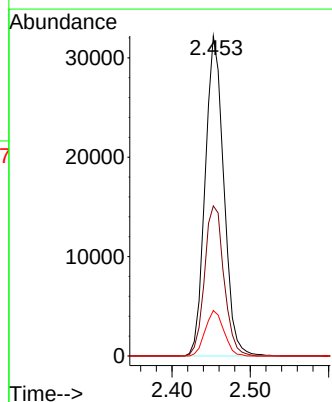
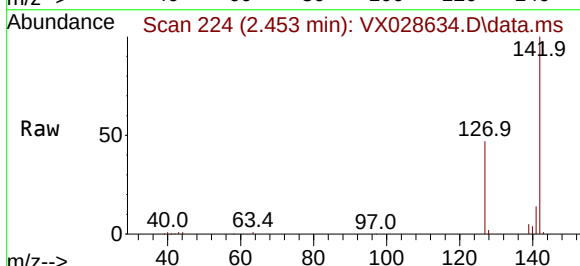
Manual Integrations
APPROVED

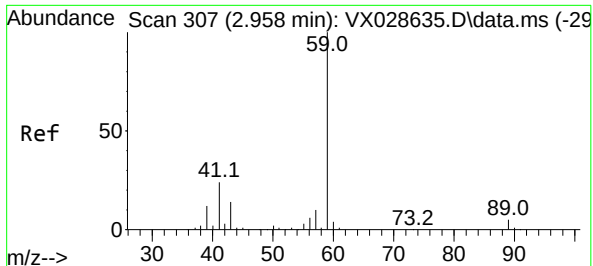
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 23.511 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion:142 Resp: 53100
Ion Ratio Lower Upper
142 100
127 48.8 33.9 50.9
141 14.2 11.4 17.2





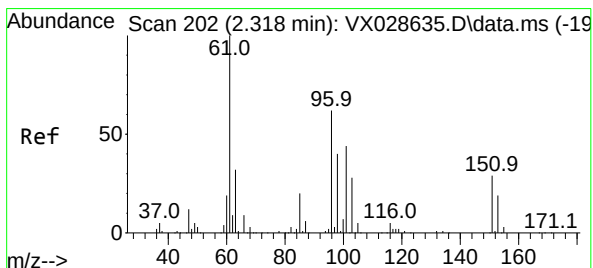
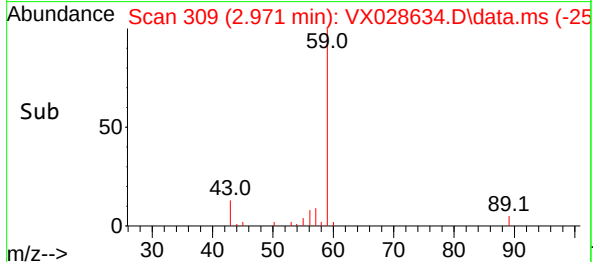
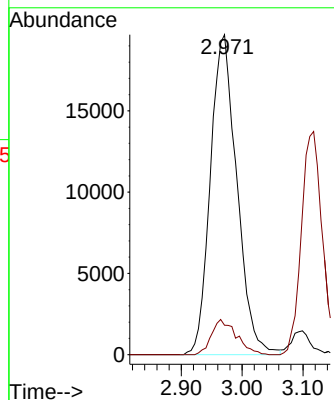
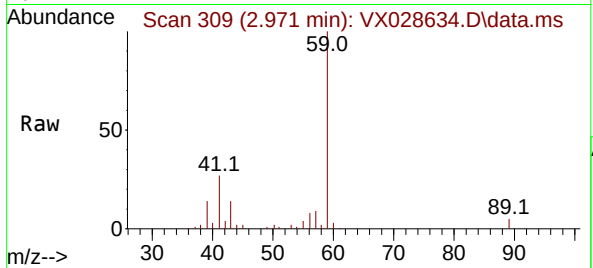
#11
Tert butyl alcohol
Concen: 103.689 ug/l
RT: 2.971 min Scan# 307
Delta R.T. 0.013 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 59508
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

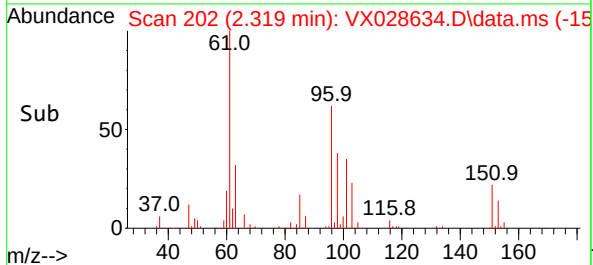
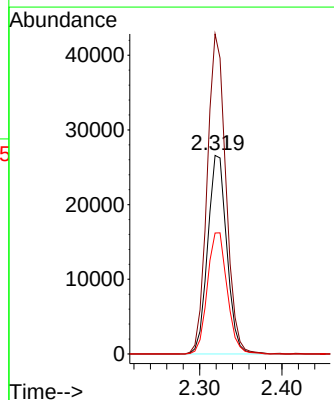
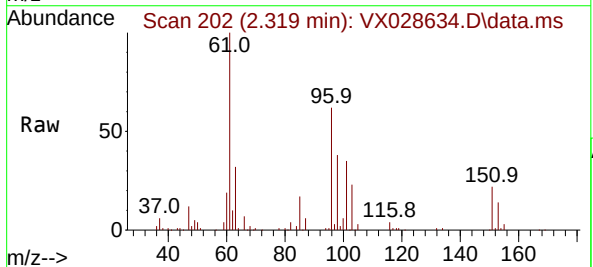
Manual Integrations
APPROVED

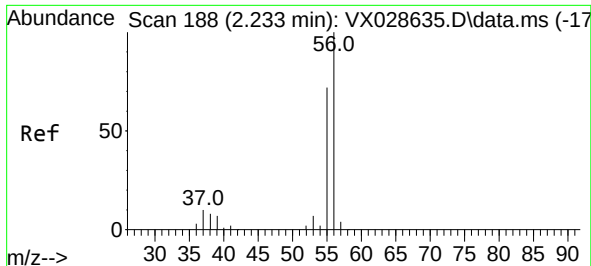
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#12
1,1-Dichloroethene
Concen: 24.976 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

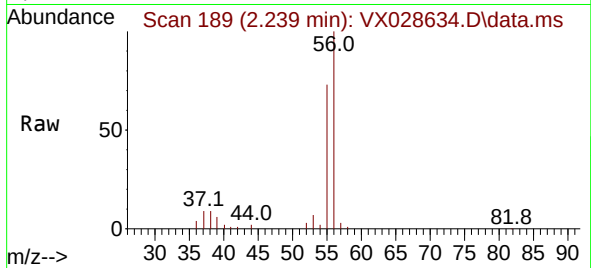
Tgt Ion: 96 Resp: 42927
Ion Ratio Lower Upper
96 100
61 161.1 124.6 187.0
98 61.0 51.0 76.4





#13
Acrolein
Concen: 133.267 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

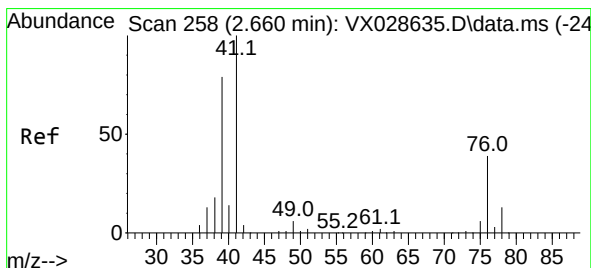
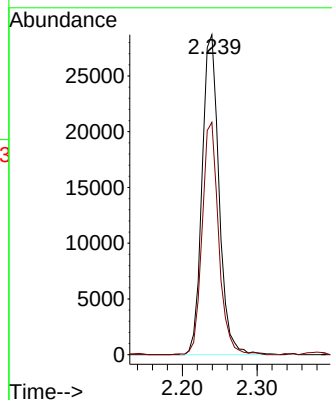
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 45169
Ion Ratio Lower Upper
56 100
55 70.9 55.0 82.6

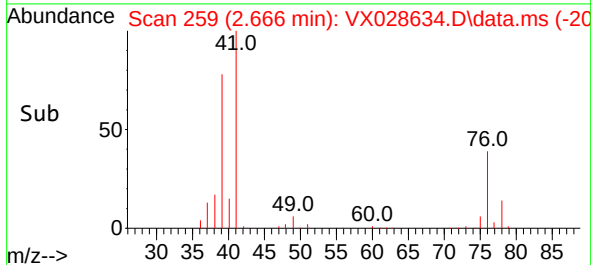
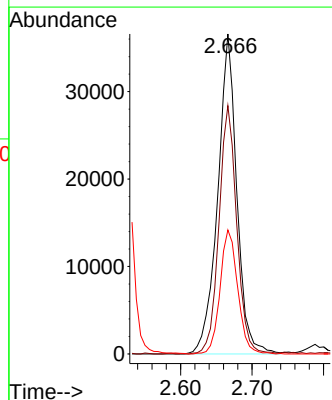
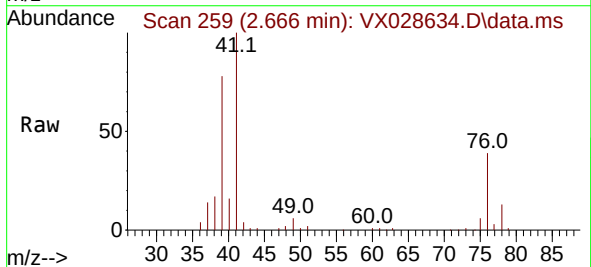
Manual Integrations
APPROVED

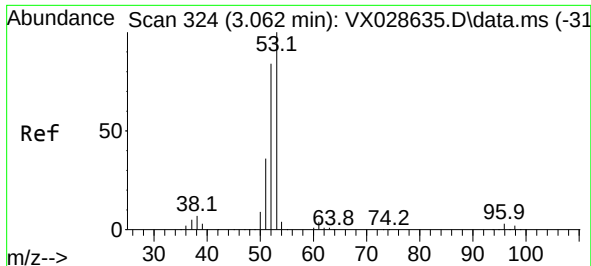
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 24.160 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

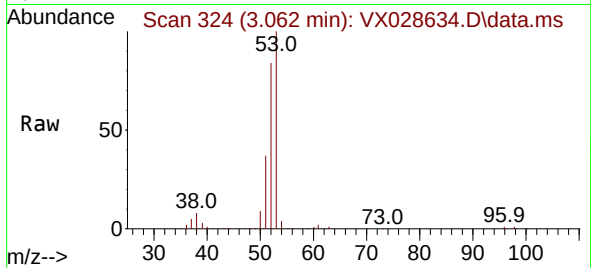
Tgt Ion: 41 Resp: 68026
Ion Ratio Lower Upper
41 100
39 72.1 50.4 75.6
76 35.7 32.7 49.1





#15
Acrylonitrile
Concen: 123.018 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

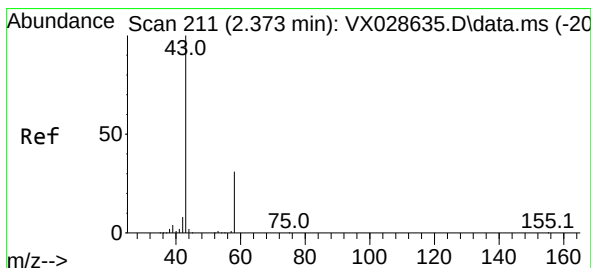
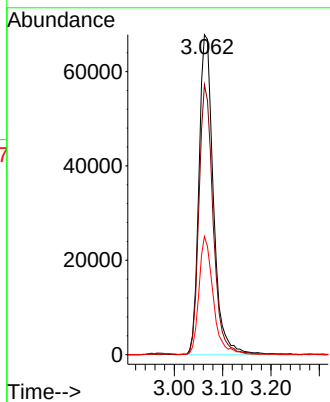
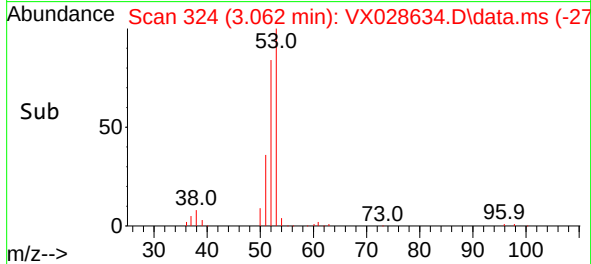
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 14052
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 36.3 28.4 42.6

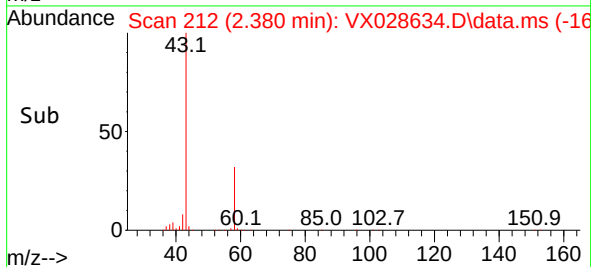
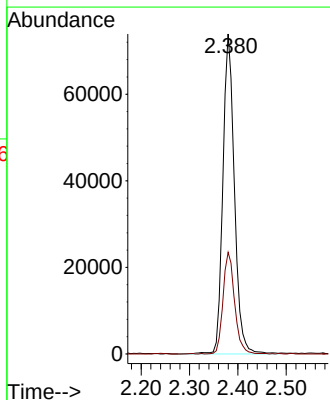
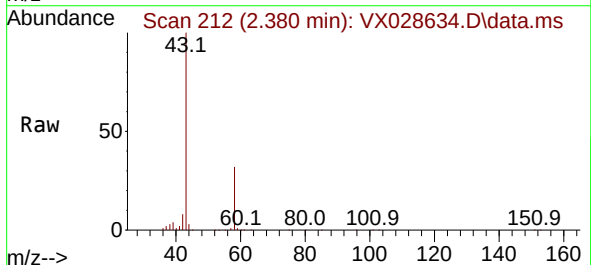
Manual Integrations
APPROVED

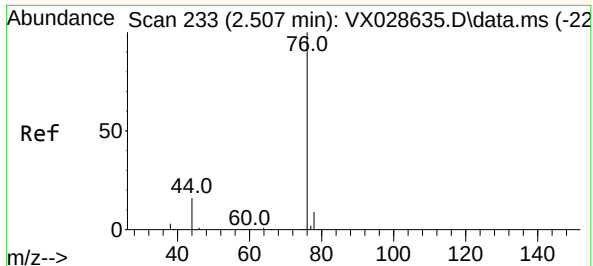
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 129.166 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 43 Resp: 122636
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2





#17

Carbon Disulfide

Concen: 23.553 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 107438

Ion Ratio Lower Upper

76 100

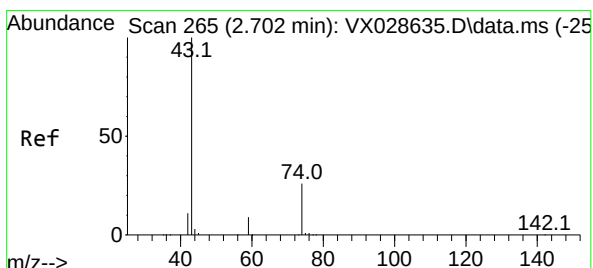
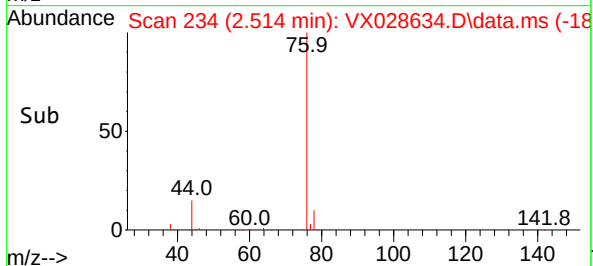
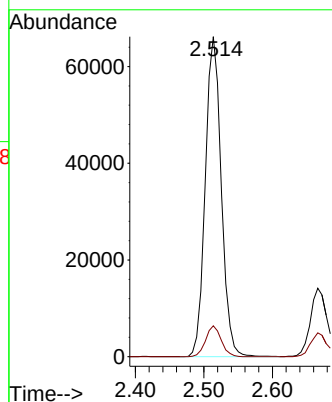
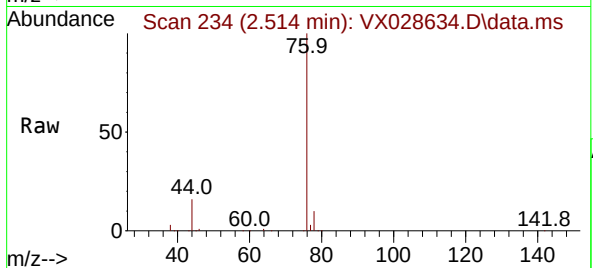
78 9.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#18

Methyl Acetate

Concen: 24.483 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX028634.D

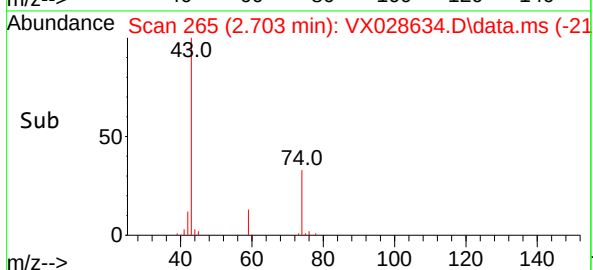
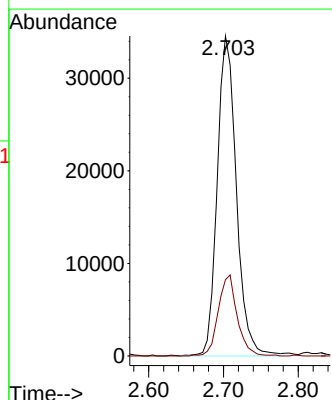
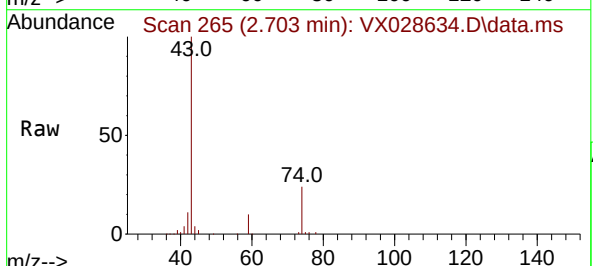
Acq: 12 May 2022 12:55

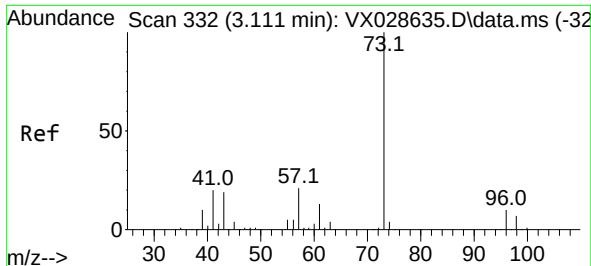
Tgt Ion: 43 Resp: 61668

Ion Ratio Lower Upper

43 100

74 25.1 22.8 34.2





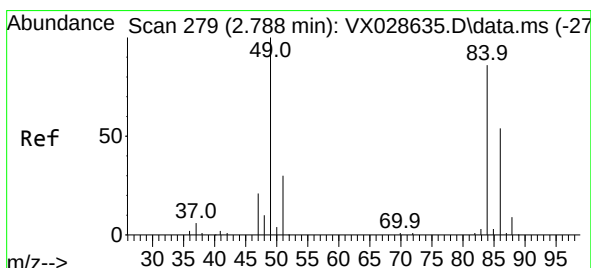
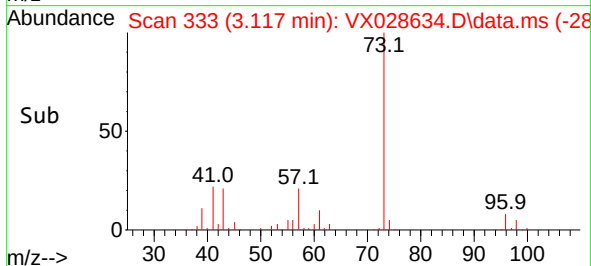
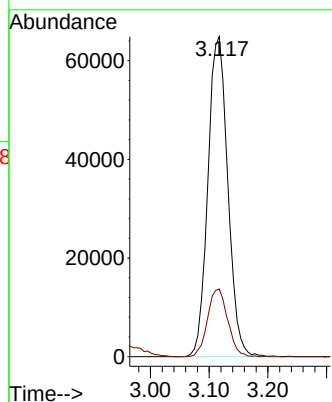
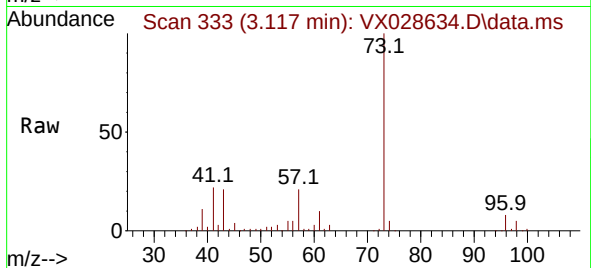
#19
Methyl tert-butyl Ether
Concen: 22.550 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 15275
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2

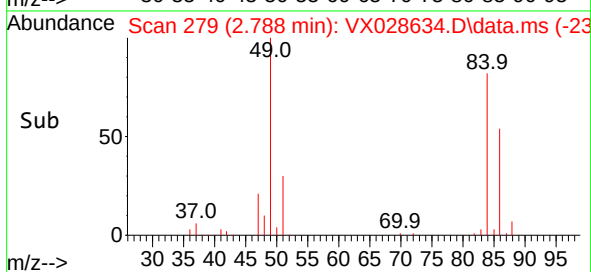
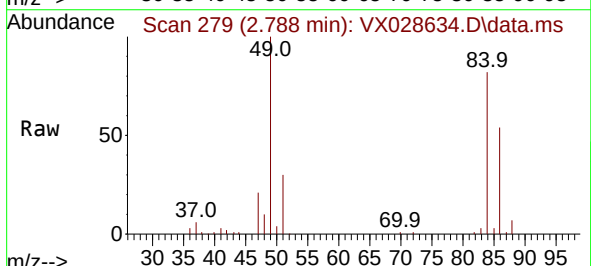
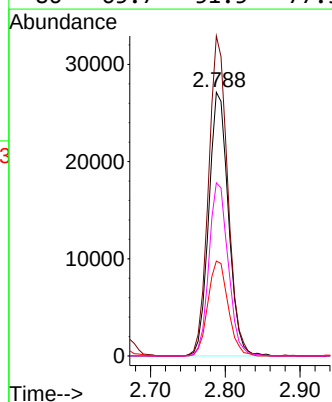
Manual Integrations
APPROVED

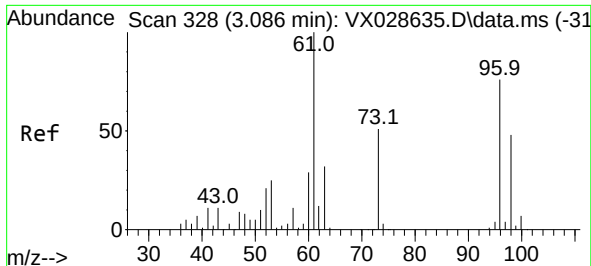
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 23.558 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

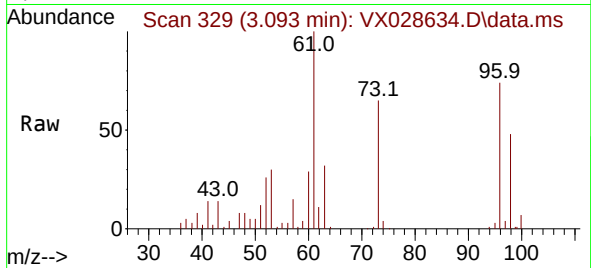
Tgt Ion: 84 Resp: 49634
Ion Ratio Lower Upper
84 100
49 121.3 85.5 128.3
51 36.0 26.6 39.8
86 65.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 21.594 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

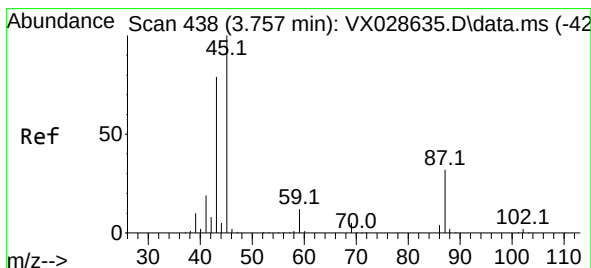
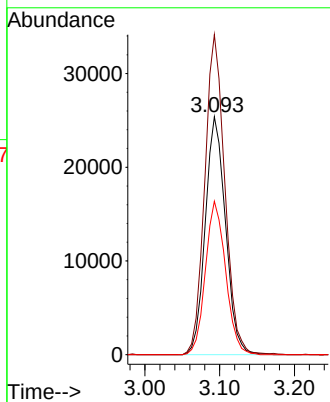
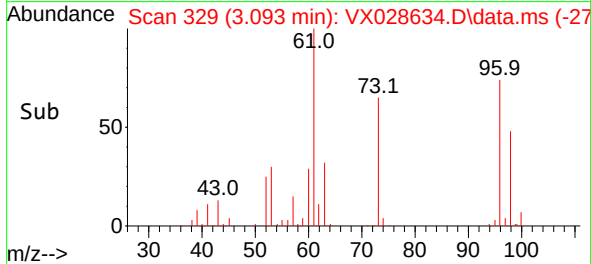
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



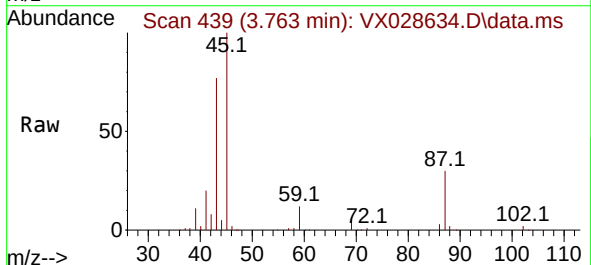
Tgt Ion: 96 Resp: 4784
Ion Ratio Lower Upper
96 100
61 134.5 105.4 158.2
98 64.5 50.0 75.0

Manual Integrations
APPROVED

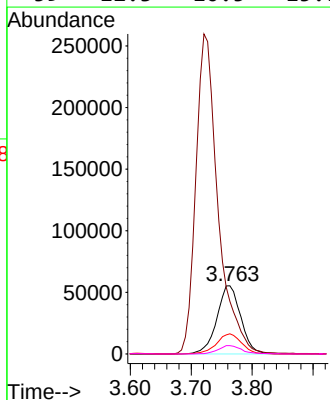
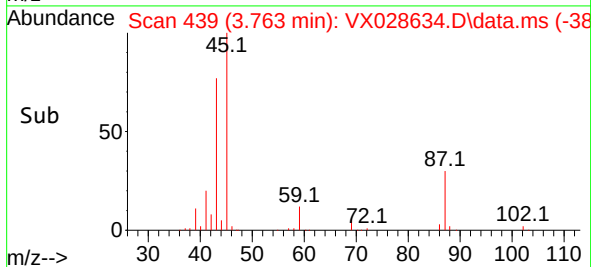
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

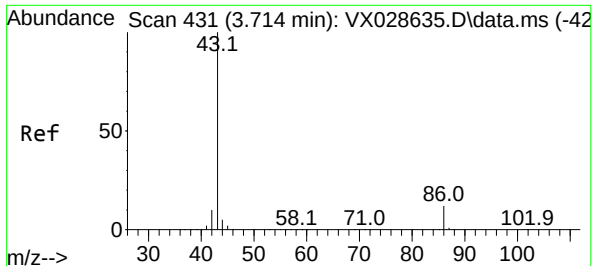


#22
Diisopropyl ether
Concen: 23.869 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55



Tgt Ion: 45 Resp: 150437
Ion Ratio Lower Upper
45 100
43 76.2 50.8 76.2
87 29.7 26.6 39.8
59 12.3 10.5 15.7





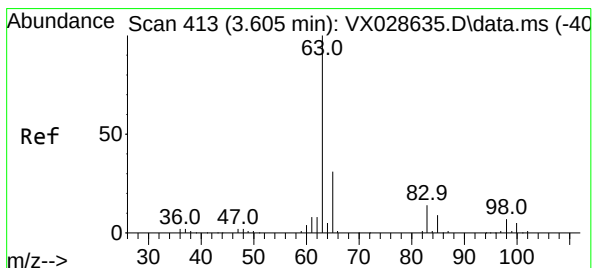
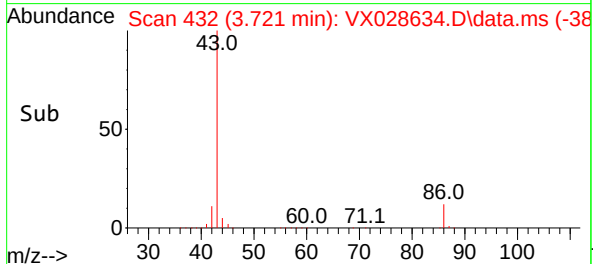
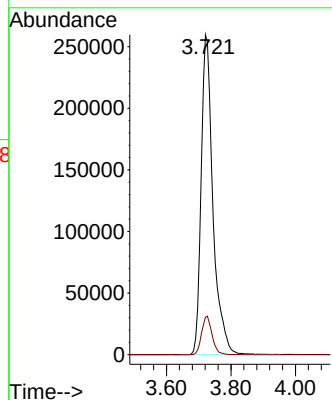
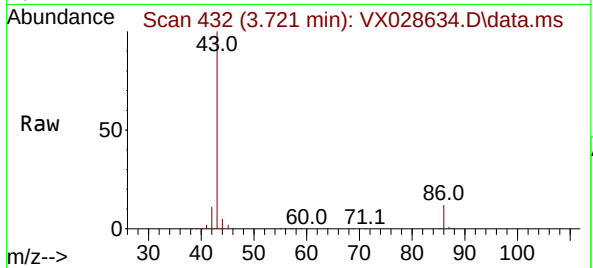
#23
 Vinyl Acetate
 Concen: 119.950 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX028634.D
 Acq: 12 May 2022 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 659480
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.8 16.2

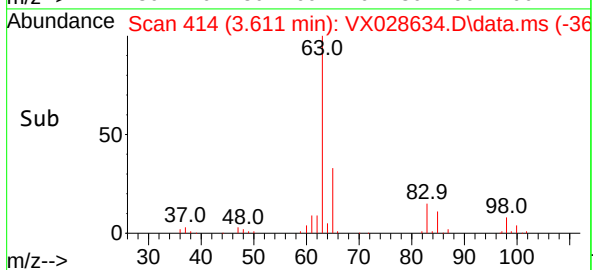
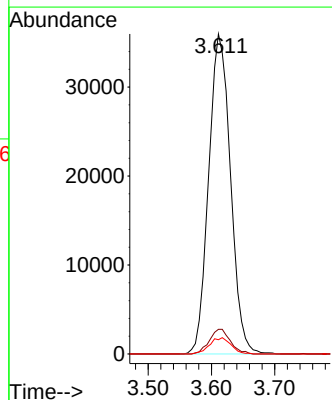
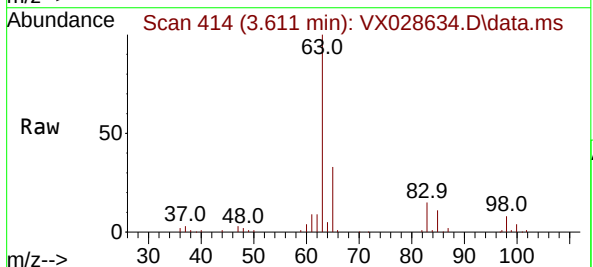
Manual Integrations
 APPROVED

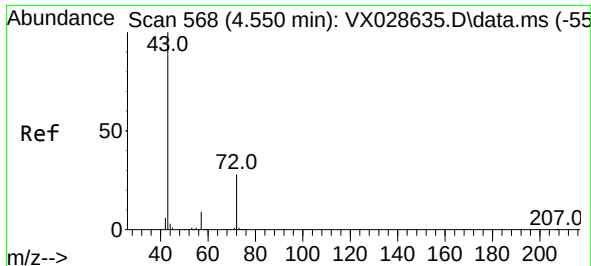
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 23.064 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028634.D
 Acq: 12 May 2022 12:55

Tgt Ion: 63 Resp: 86258
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.5 2.4 7.2





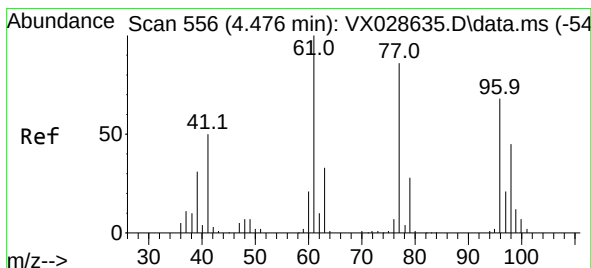
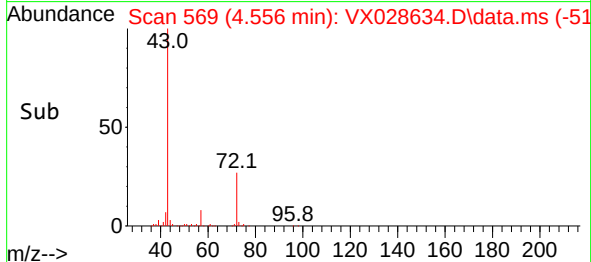
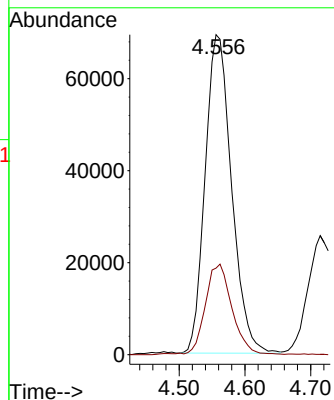
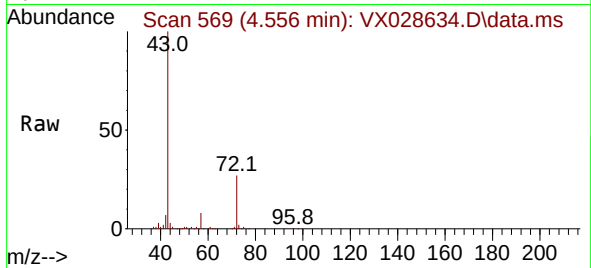
#25
2-Butanone
Concen: 117.676 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 19389
Ion Ratio Lower Upper
43 100
72 27.0 24.4 36.6

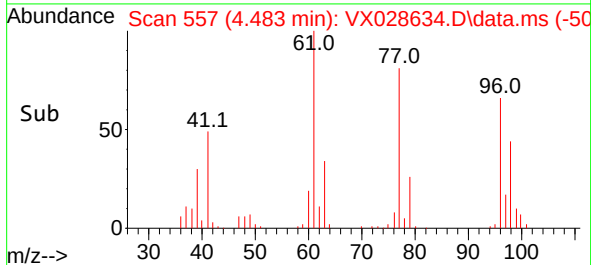
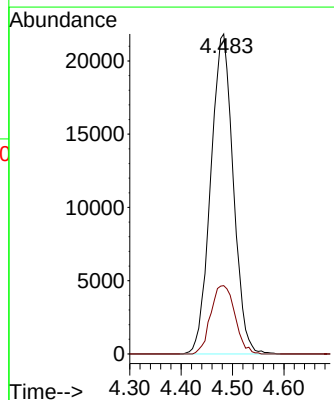
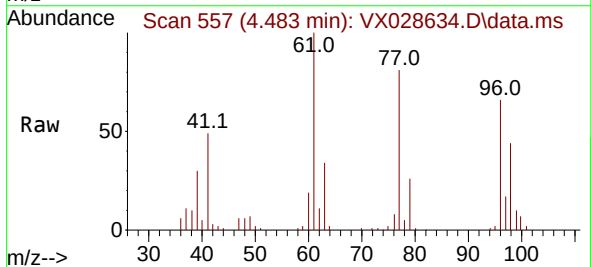
Manual Integrations
APPROVED

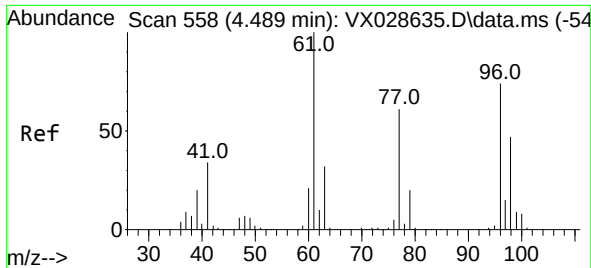
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 18.973 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 77 Resp: 66425
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 20.865 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 5474

Ion Ratio Lower Upper

96 100

61 145.6 0.0 283.8

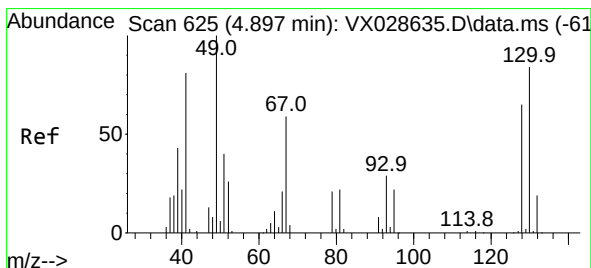
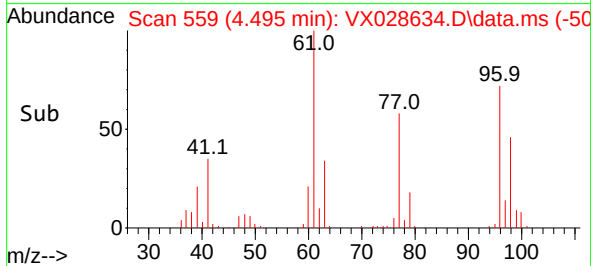
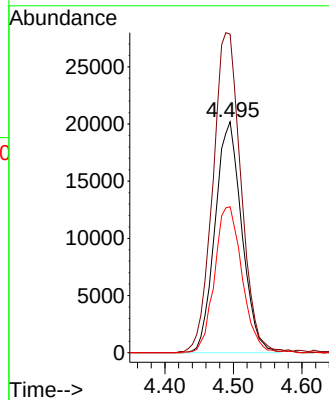
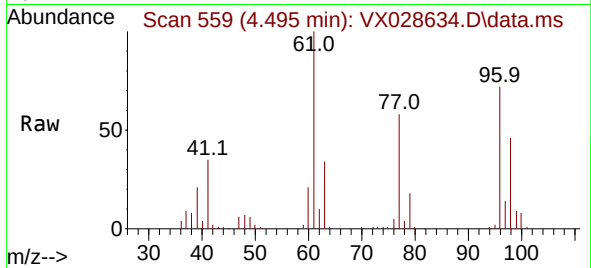
98 64.7 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 24.029 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

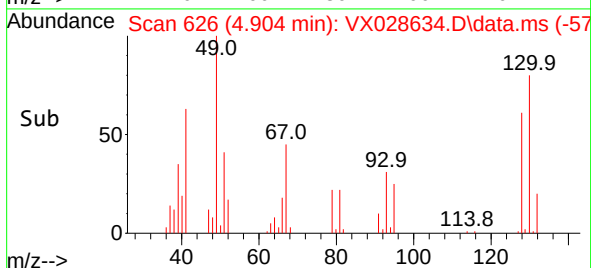
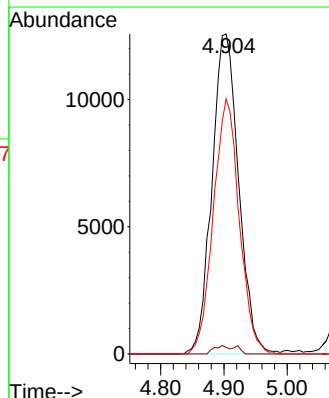
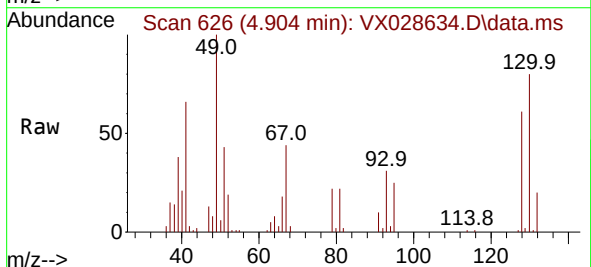
Tgt Ion: 49 Resp: 36912

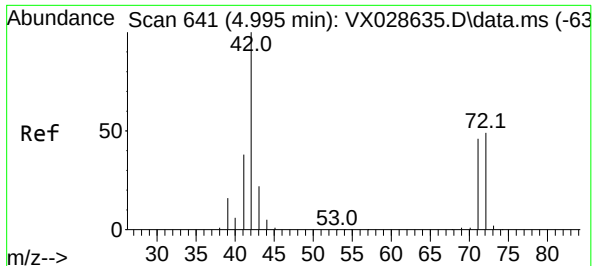
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.4

130 77.3 70.7 106.1





#29

Tetrahydrofuran

Concen: 118.587 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.013 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 12760

Ion Ratio Lower Upper

42 100

72 48.9 44.1 66.1

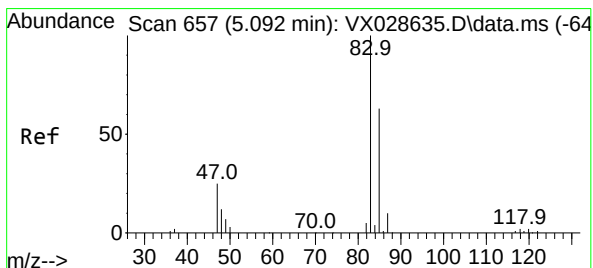
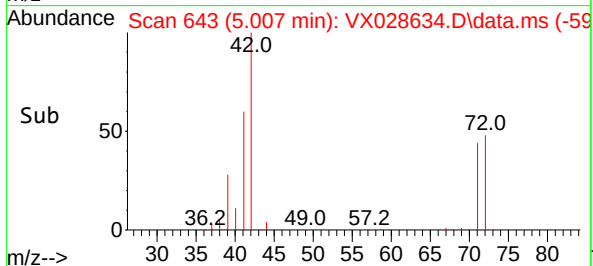
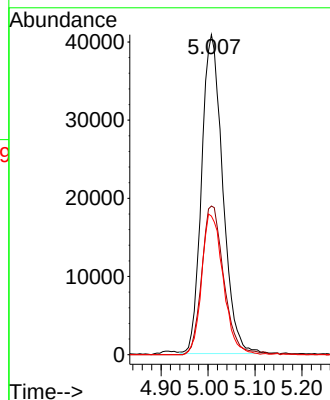
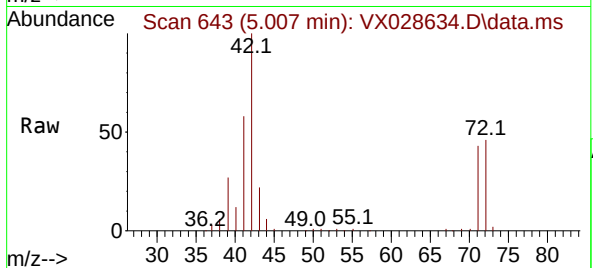
71 44.8 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 21.581 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX028634.D

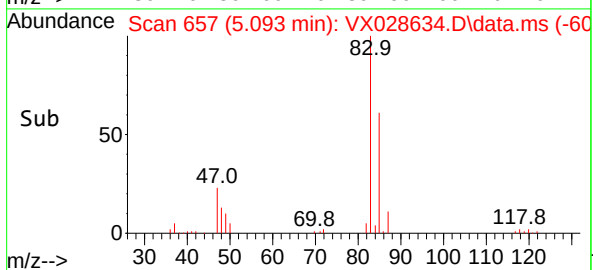
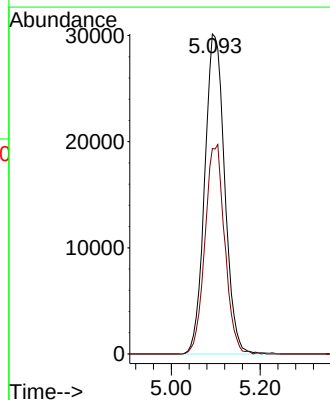
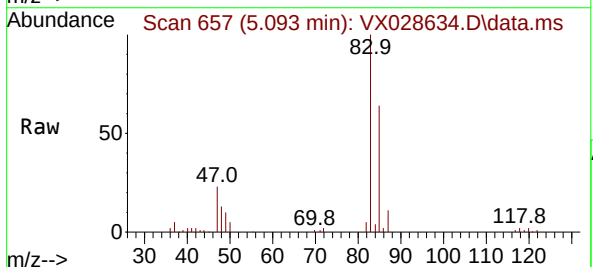
Acq: 12 May 2022 12:55

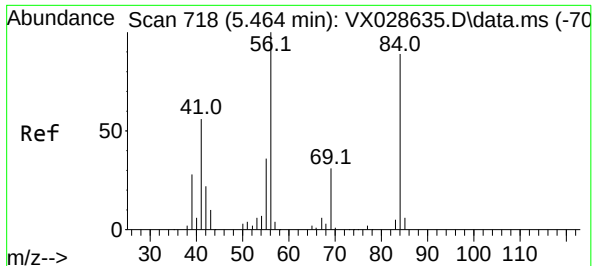
Tgt Ion: 83 Resp: 94330

Ion Ratio Lower Upper

83 100

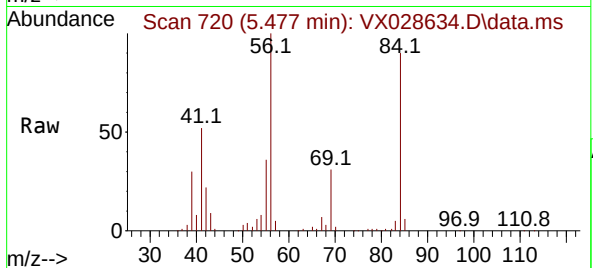
85 64.2 52.7 79.1





#31
Cyclohexane
Concen: 22.942 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

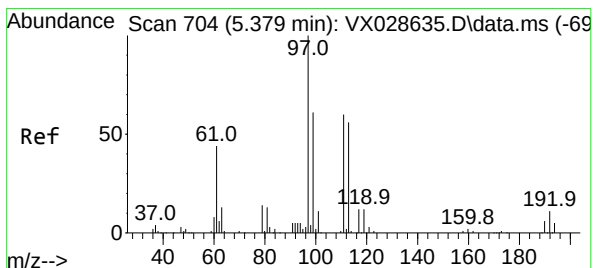
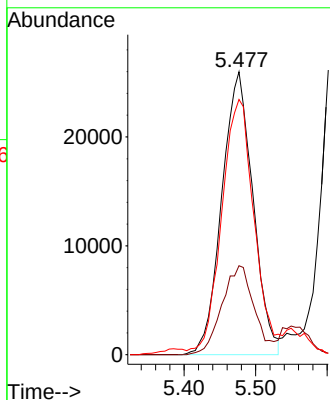
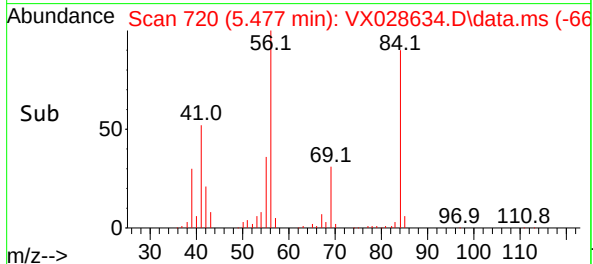
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



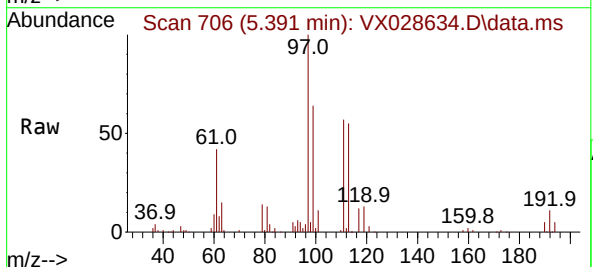
Tgt Ion: 56 Resp: 7868
Ion Ratio Lower Upper
56 100
69 31.4 26.7 40.1
84 88.3 77.2 115.8

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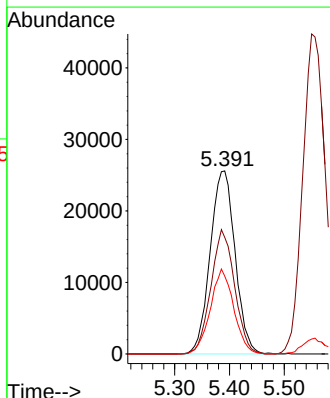
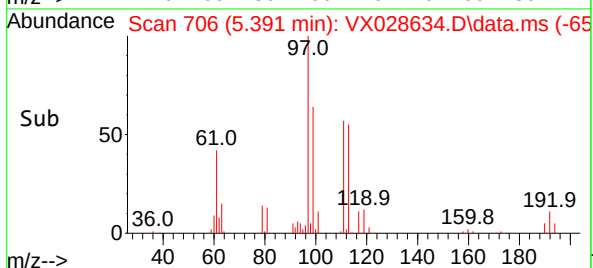
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

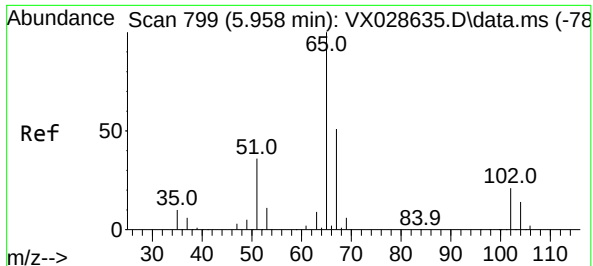


#32
1,1,1-Trichloroethane
Concen: 20.526 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.013 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55



Tgt Ion: 97 Resp: 80771
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 43.6 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 19.131 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 5216

Ion Ratio Lower Upper

65 100

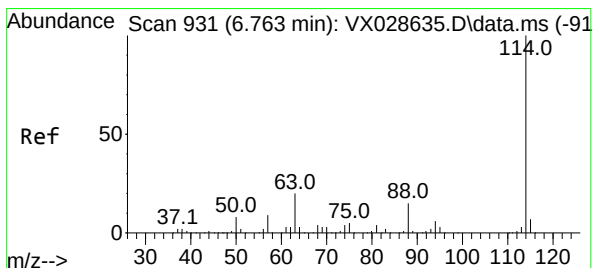
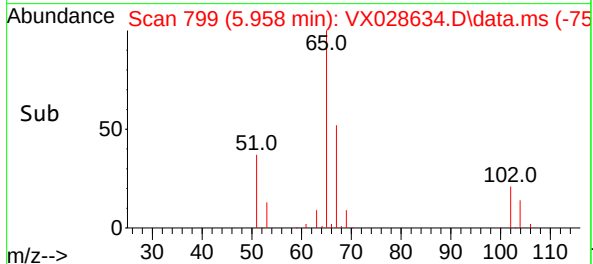
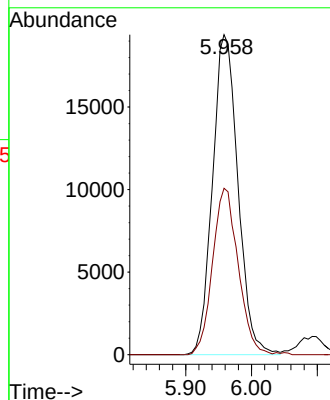
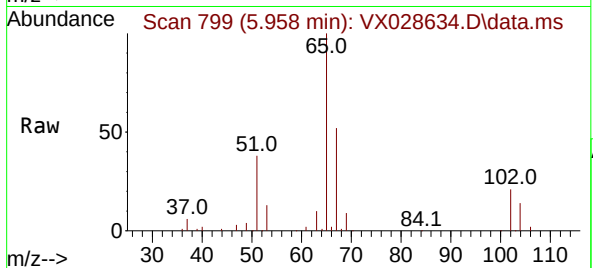
67 52.2 0.0 107.4

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: VX028634.D

Acq: 12 May 2022 12:55

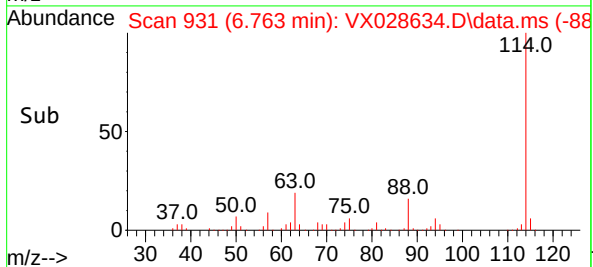
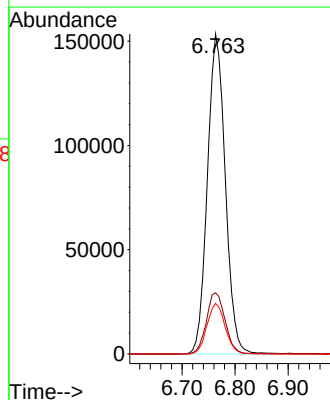
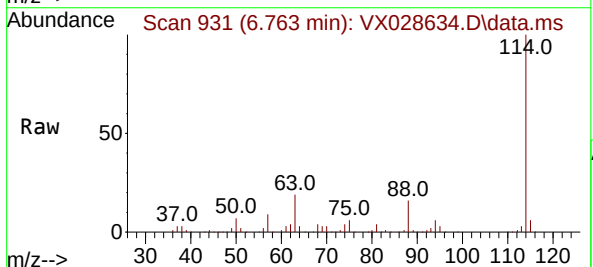
Tgt Ion:114 Resp: 360201

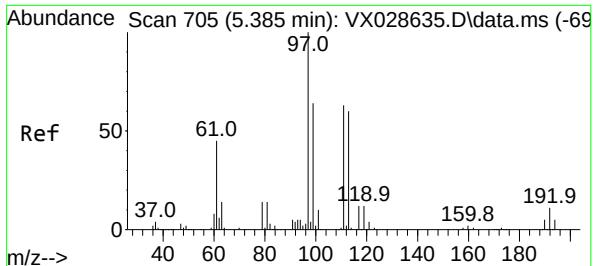
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 16.508 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 113 Resp: 41572

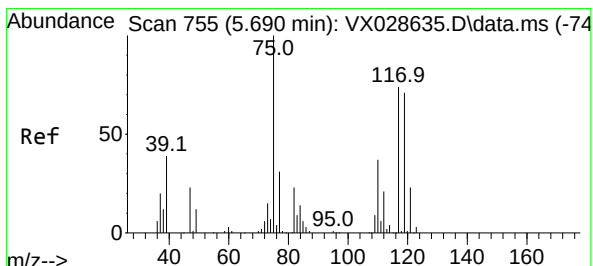
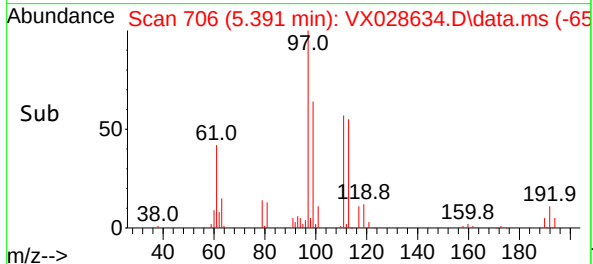
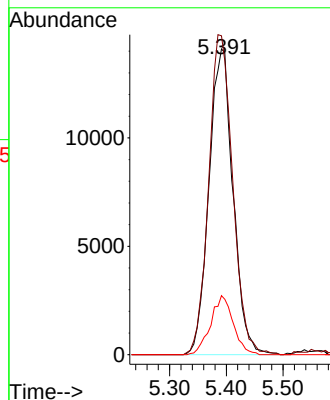
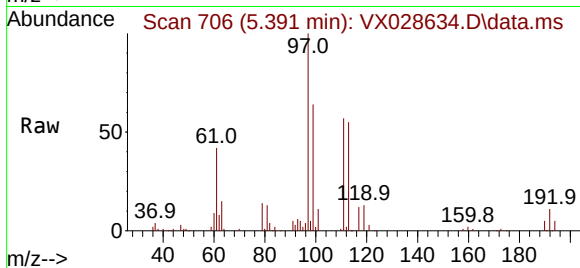
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.8	124.2
192	18.1	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#36

1,1-Dichloropropene

Concen: 20.176 ug/l

RT: 5.696 min Scan# 756

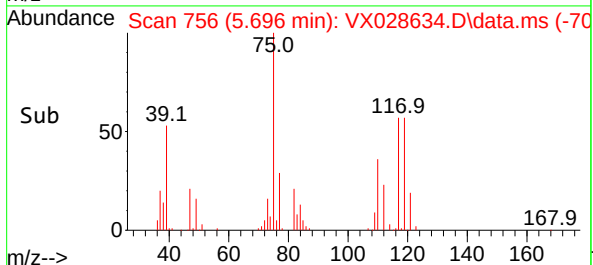
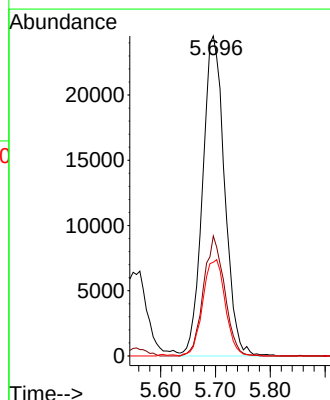
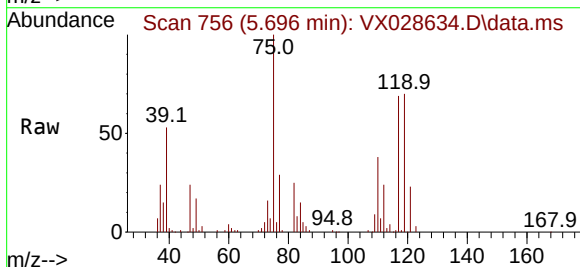
Delta R.T. 0.006 min

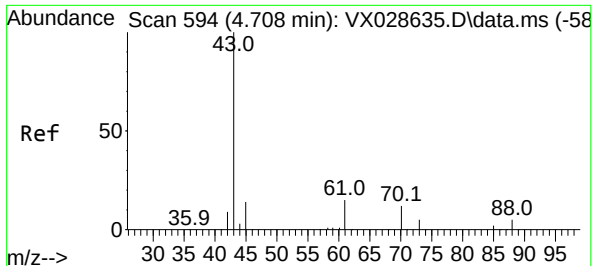
Lab File: VX028634.D

Acq: 12 May 2022 12:55

Tgt Ion: 75 Resp: 68214

Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.3	54.8
77	30.8	24.8	37.2





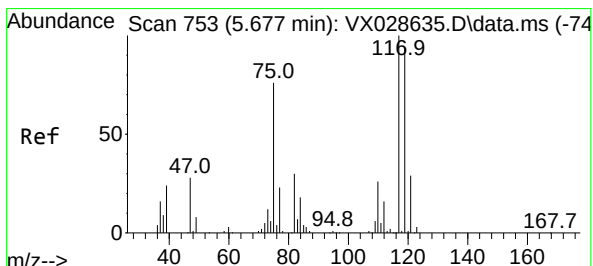
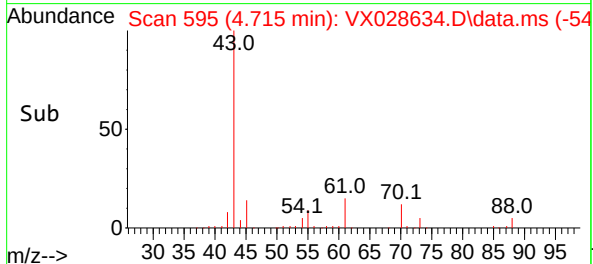
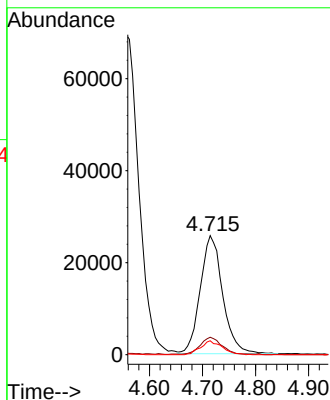
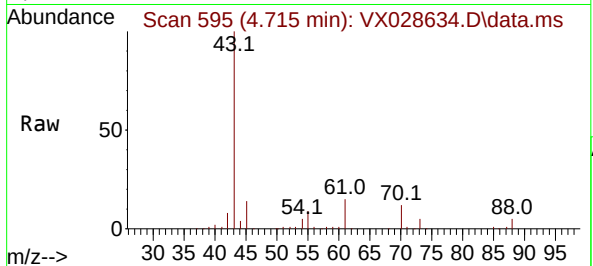
#37
Ethyl Acetate
Concen: 21.820 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 7548
Ion Ratio Lower Upper
43 100
61 13.7 12.6 19.0
70 11.2 10.2 15.2

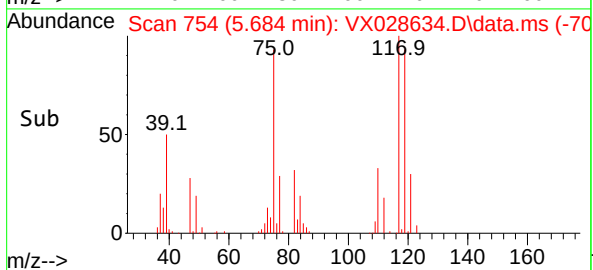
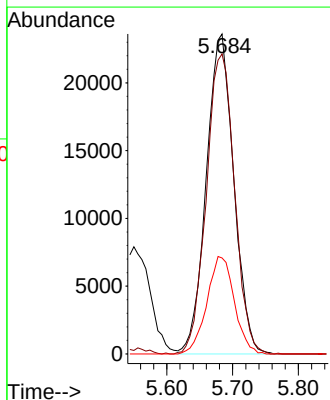
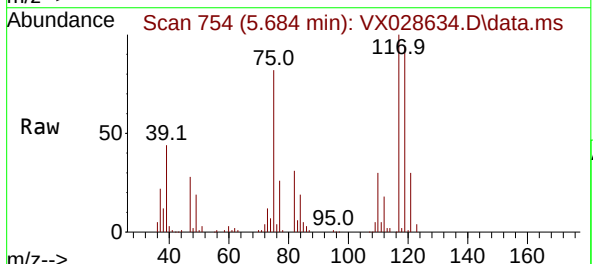
Manual Integrations
APPROVED

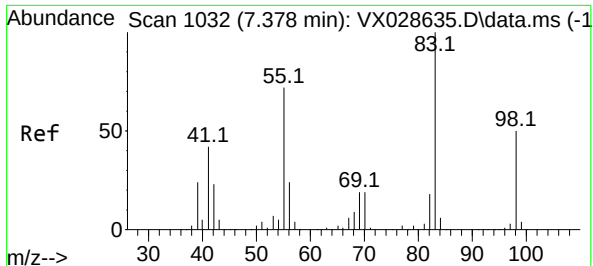
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 18.357 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion:117 Resp: 68692
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
121 30.0 24.2 36.2





#39
Methylcyclohexane
Concen: 18.743 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

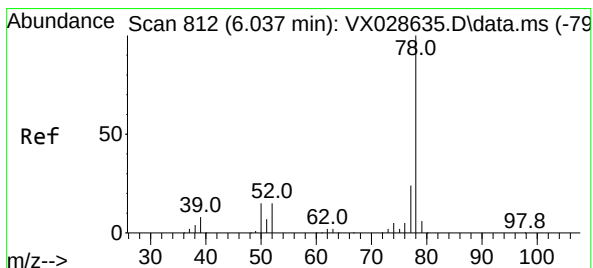
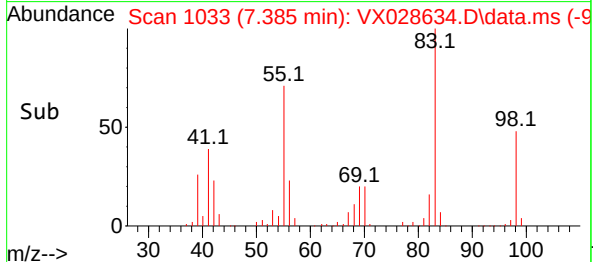
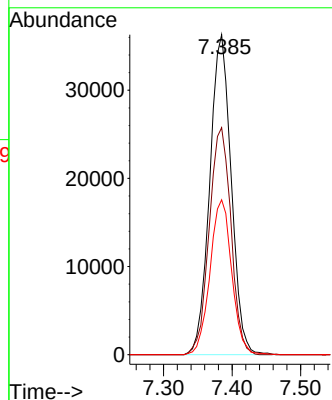
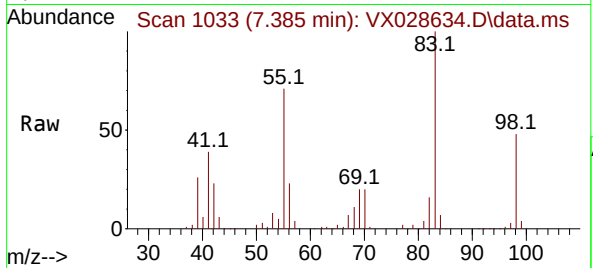
VSTDIC020

Tgt Ion: 83 Resp: 7884
Ion Ratio Lower Upper
83 100
55 70.9 54.6 81.8
98 48.4 37.4 56.2

Manual Integrations

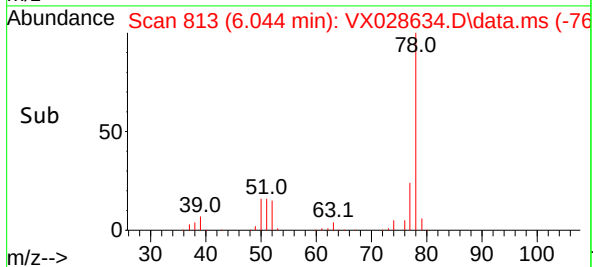
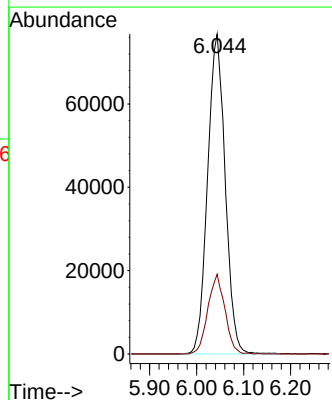
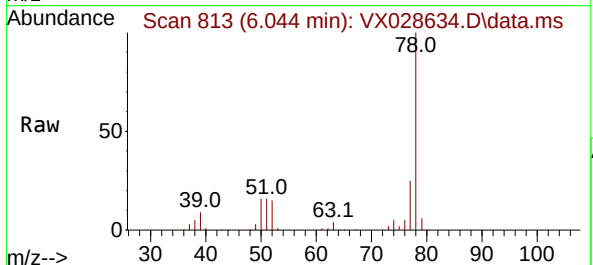
APPROVED

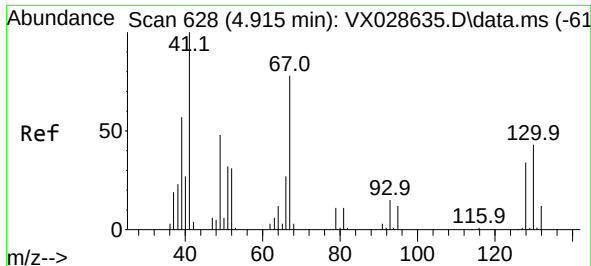
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 20.288 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

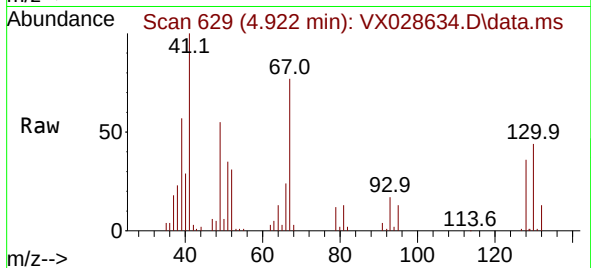
Tgt Ion: 78 Resp: 199210
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9





#41
Methacrylonitrile
Concen: 21.356 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

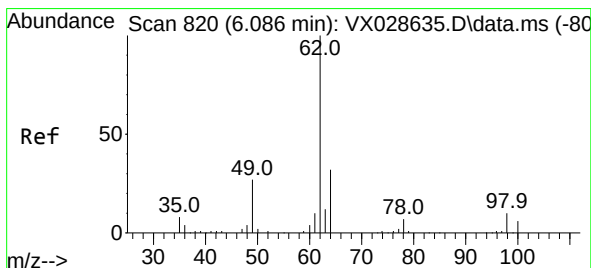
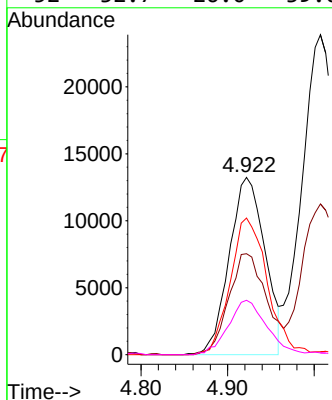
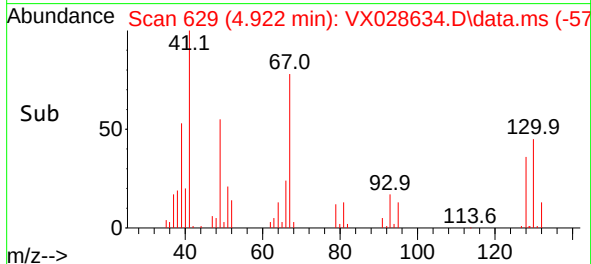
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 38070
Ion Ratio Lower Upper
41 100
39 60.1 43.0 64.4
67 80.3 70.2 105.4
52 32.7 26.0 39.0

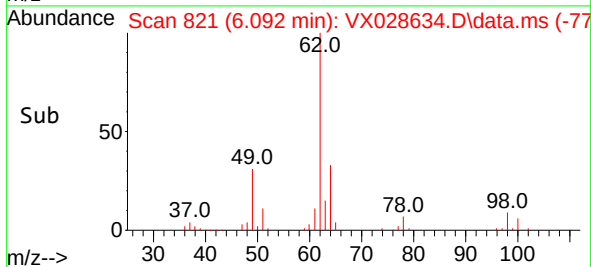
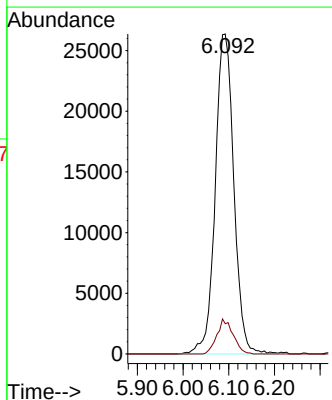
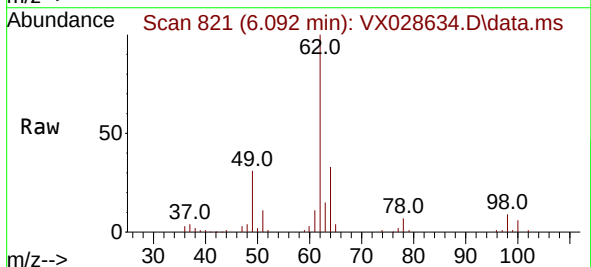
Manual Integrations
APPROVED

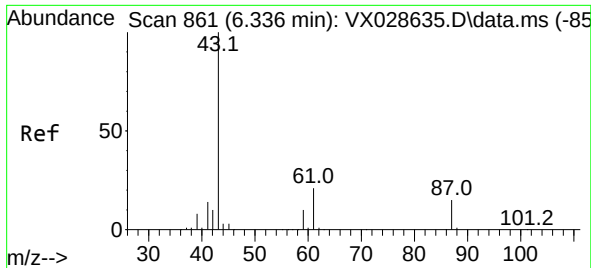
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 20.437 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 62 Resp: 74531
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4





#43

Isopropyl Acetate

Concen: 20.451 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 11425

Ion Ratio Lower Upper

43 100

61 20.3 18.5 27.7

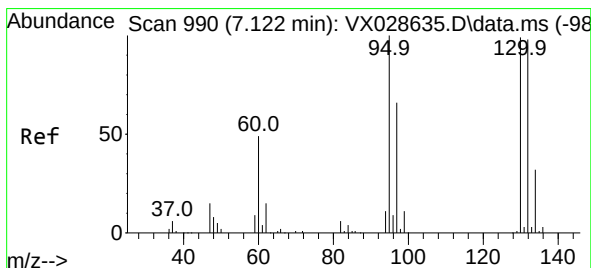
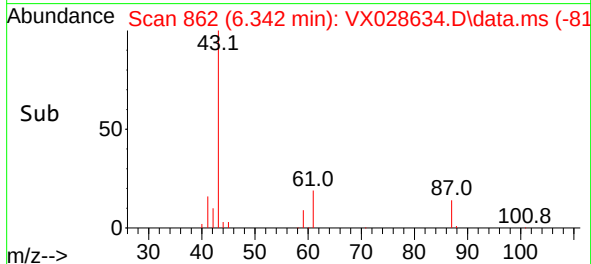
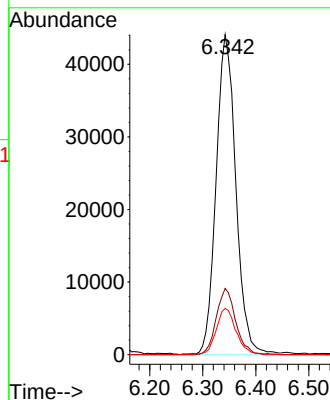
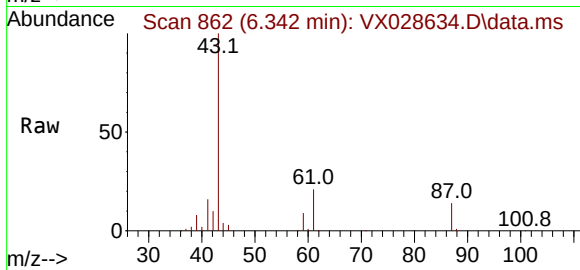
87 14.4 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#44

Trichloroethene

Concen: 18.602 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX028634.D

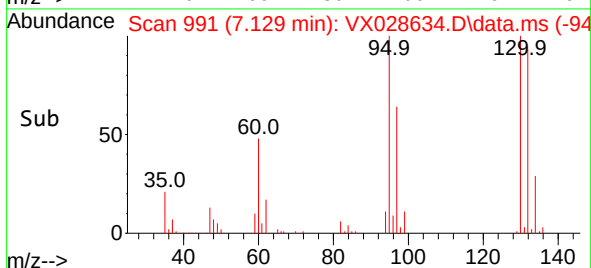
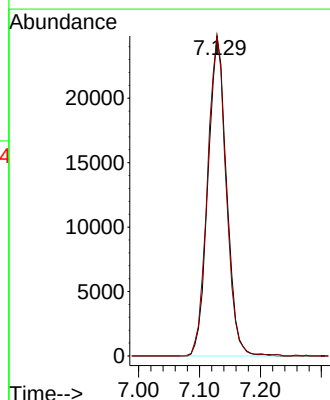
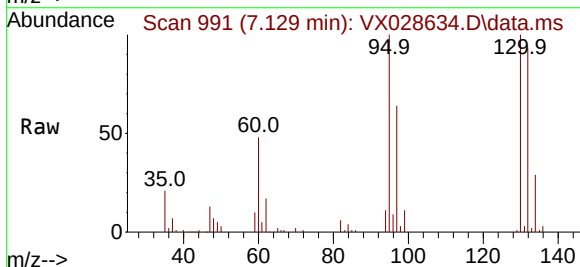
Acq: 12 May 2022 12:55

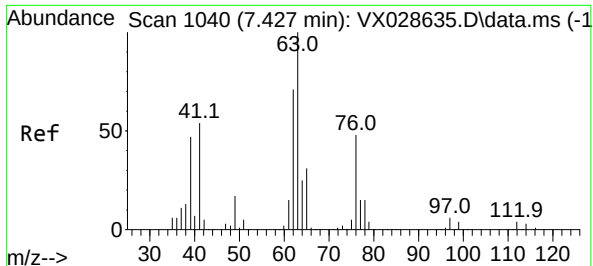
Tgt Ion:130 Resp: 52667

Ion Ratio Lower Upper

130 100

95 99.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 20.549 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 49690

Ion Ratio Lower Upper

63 100

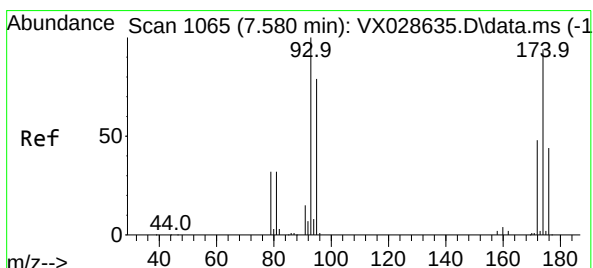
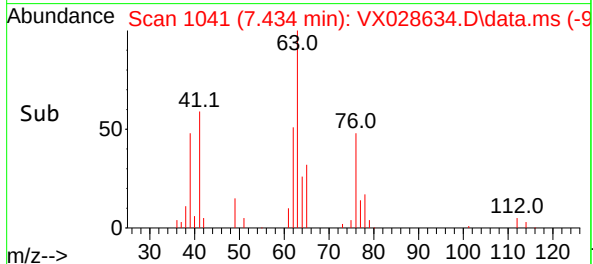
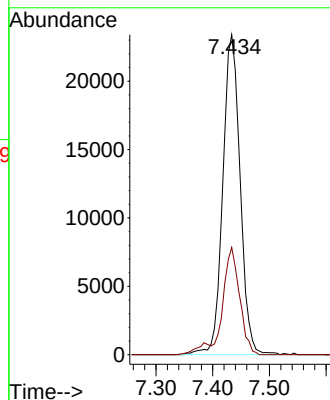
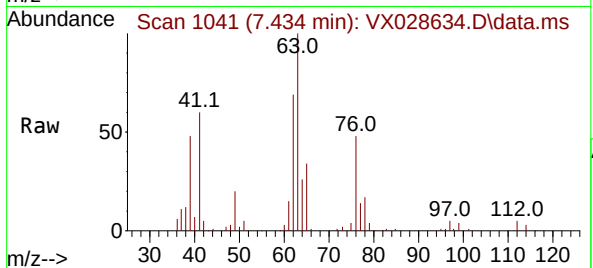
65 33.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 19.751 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

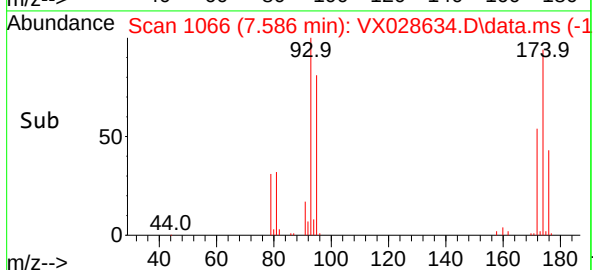
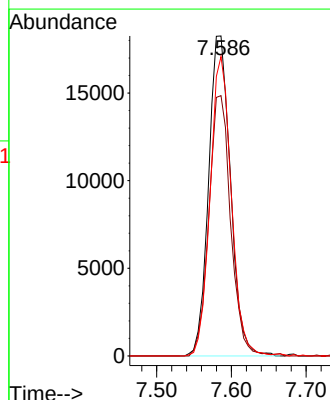
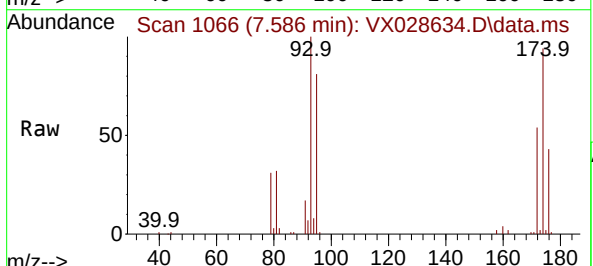
Tgt Ion: 93 Resp: 37190

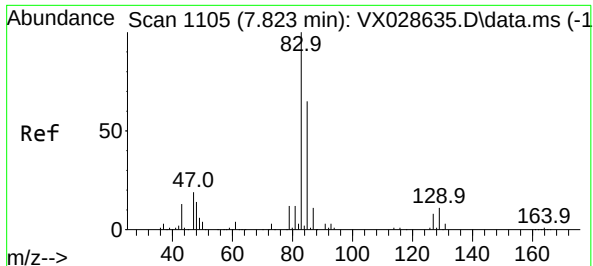
Ion Ratio Lower Upper

93 100

95 81.0 65.8 98.6

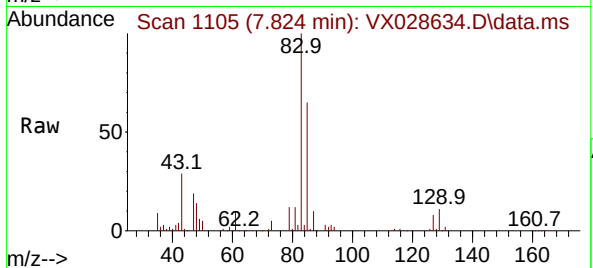
174 90.4 85.4 128.2





#47
Bromodichloromethane
Concen: 18.854 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

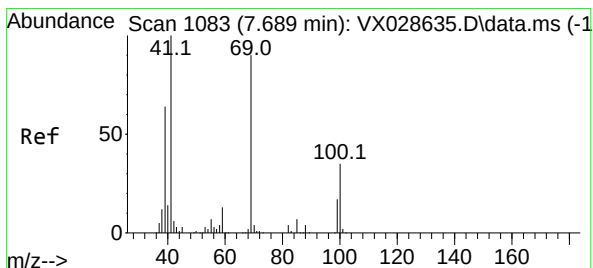
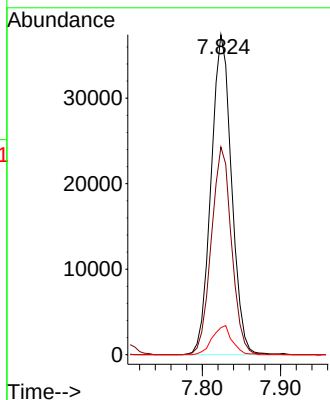
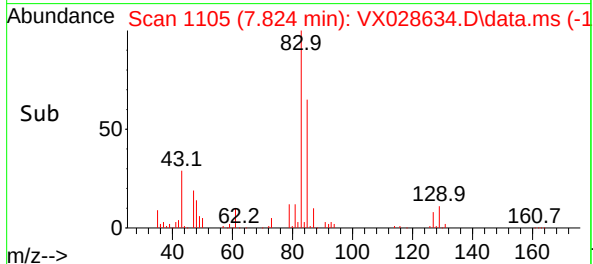
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 67950
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.2
127 8.5 6.8 10.2

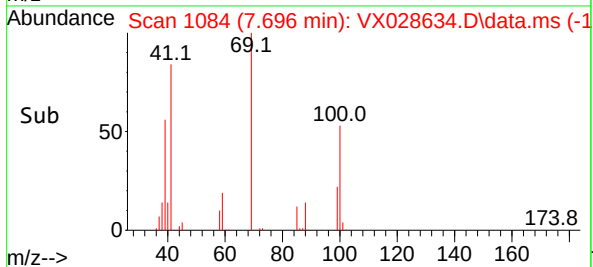
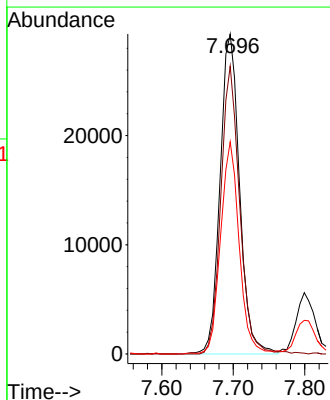
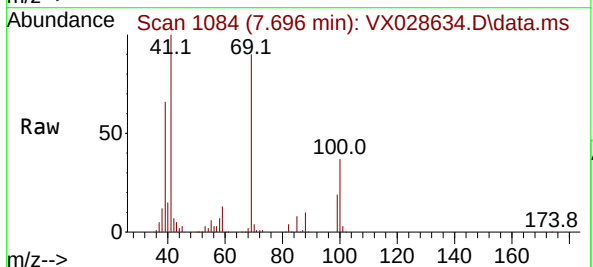
Manual Integrations
APPROVED

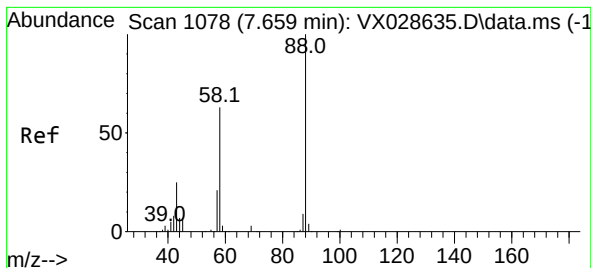
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#48
Methyl methacrylate
Concen: 21.409 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 41 Resp: 55503
Ion Ratio Lower Upper
41 100
69 86.9 82.5 123.7
39 63.3 43.8 65.8





#49

1,4-Dioxane

Concen: 401.791 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

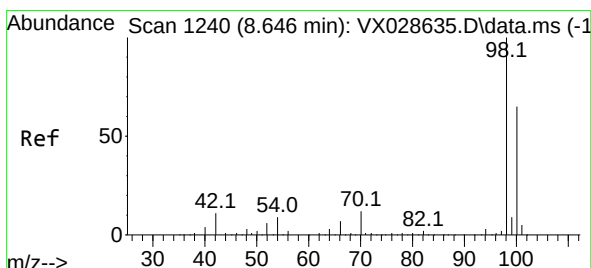
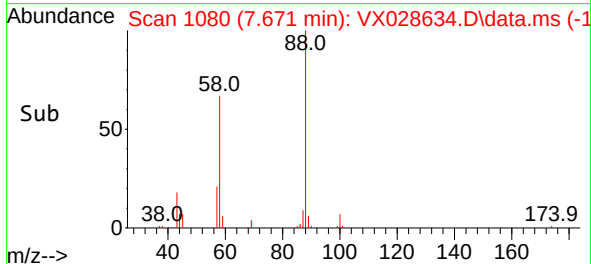
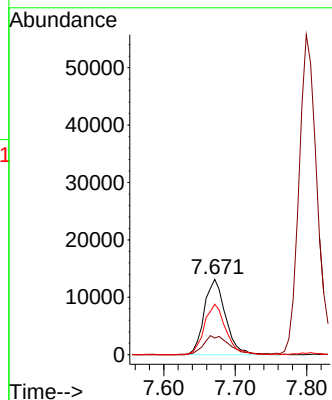
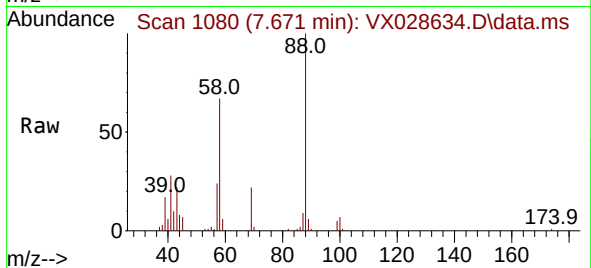
Tgt Ion:	88	Resp:	27130
Ion	Ratio	Lower	Upper
88	100		
43	30.9	21.9	32.9
58	67.3	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 16.261 ug/l

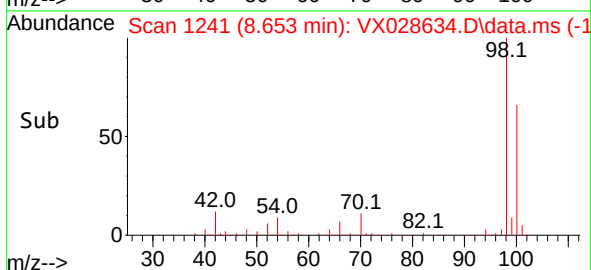
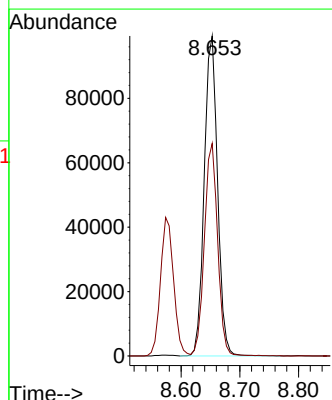
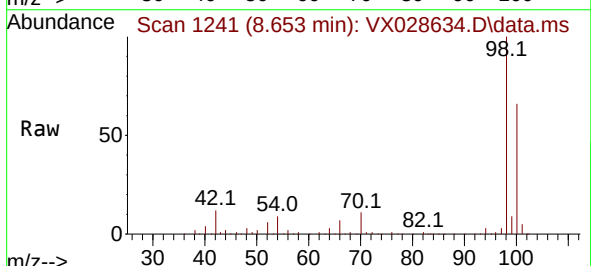
RT: 8.653 min Scan# 1241

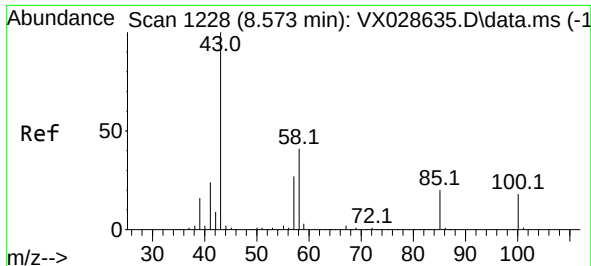
Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Tgt Ion:	98	Resp:	156845
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	78.8





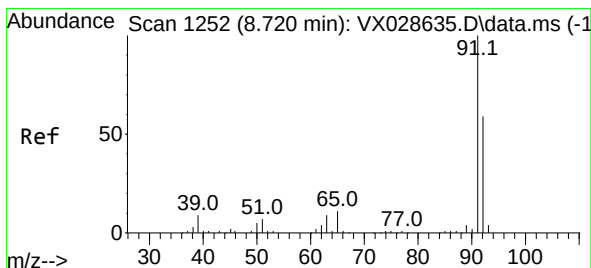
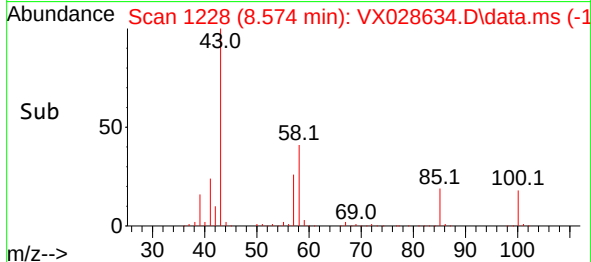
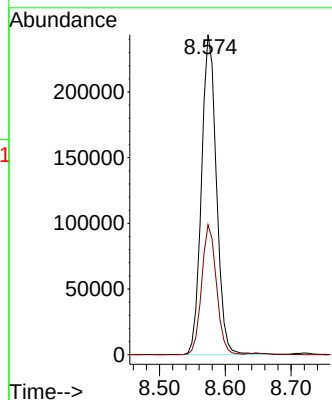
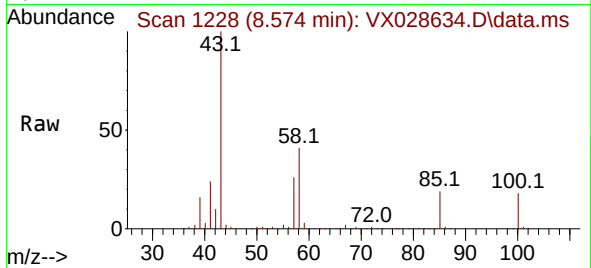
#51
4-Methyl-2-Pentanone
Concen: 107.052 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 384908
Ion Ratio Lower Upper
43 100
58 40.1 36.1 54.1

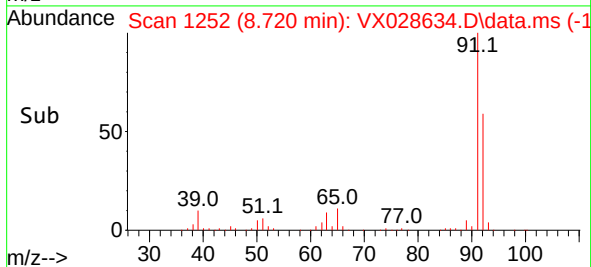
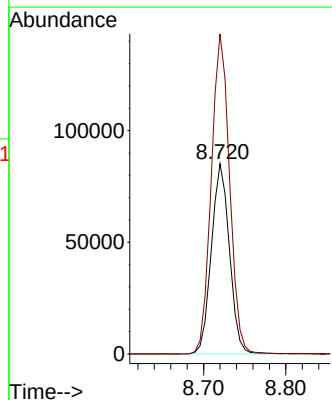
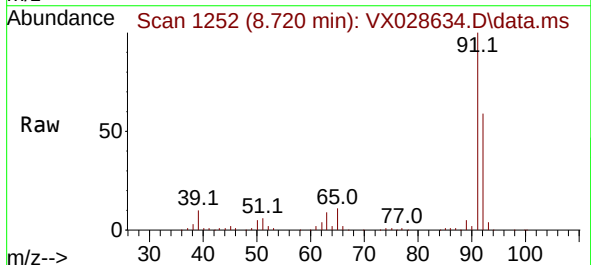
Manual Integrations
APPROVED

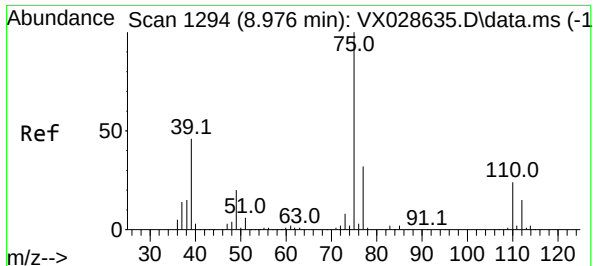
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 19.204 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 92 Resp: 129777
Ion Ratio Lower Upper
92 100
91 170.6 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 18.053 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 68740

Ion Ratio Lower Upper

75 100

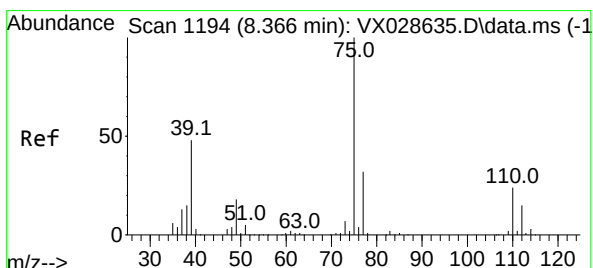
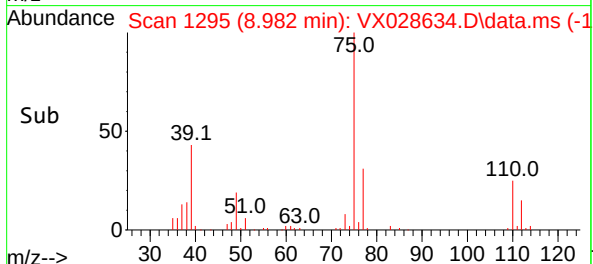
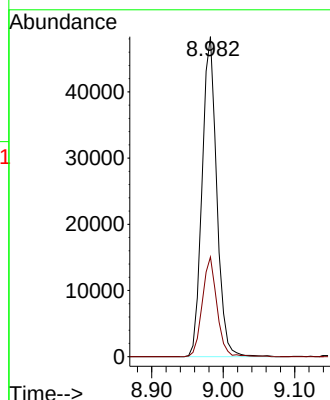
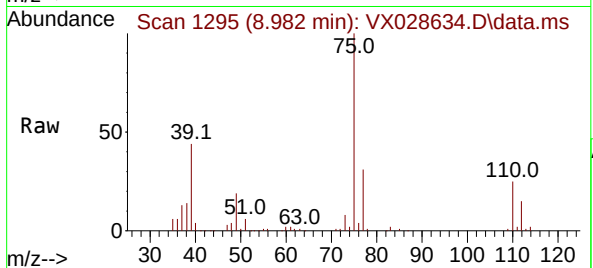
77 31.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#54

cis-1,3-Dichloropropene

Concen: 18.539 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

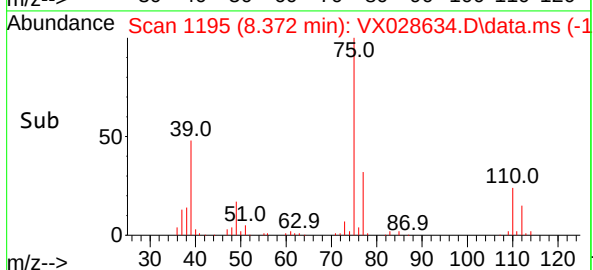
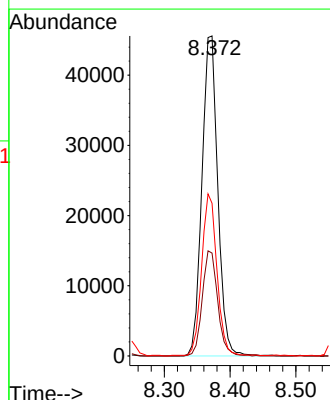
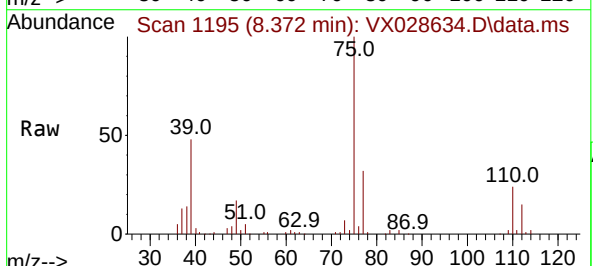
Tgt Ion: 75 Resp: 76308

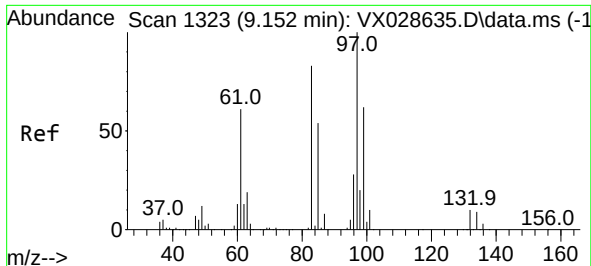
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 47.6 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 19.135 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 5259

Ion Ratio Lower Upper

97 100

83 84.4 66.2 99.4

85 56.6 42.9 64.3

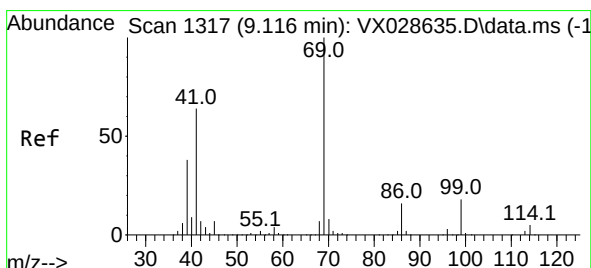
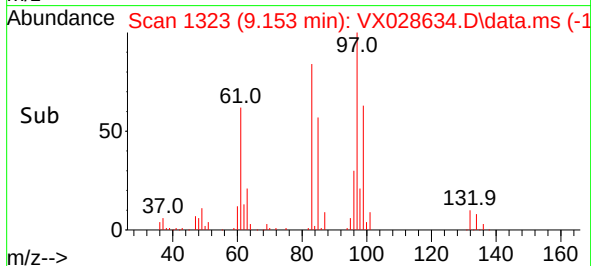
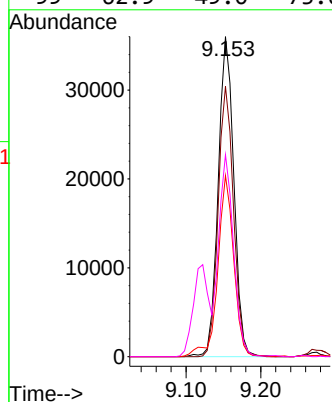
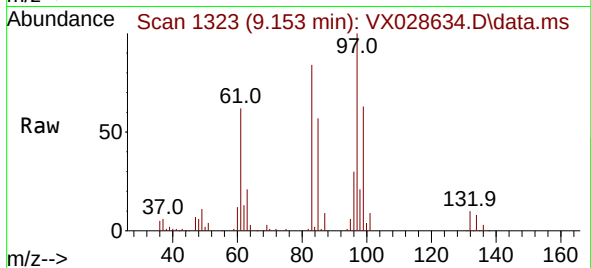
99 62.9 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 19.819 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

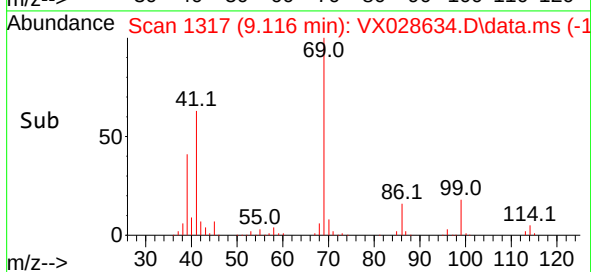
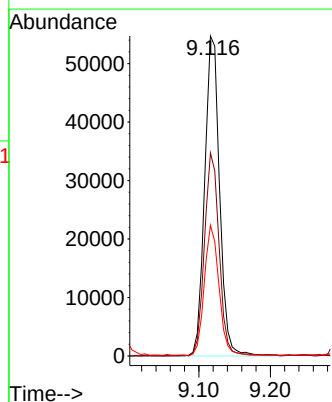
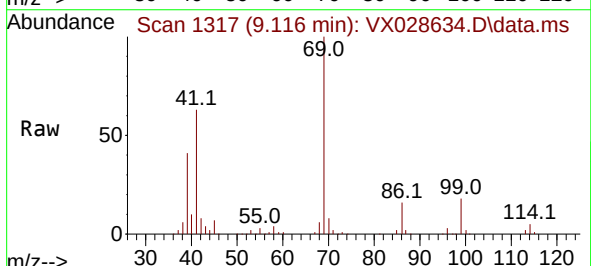
Tgt Ion: 69 Resp: 79543

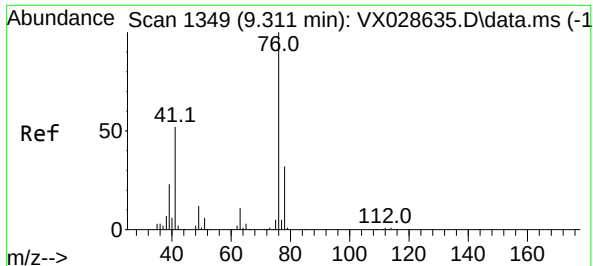
Ion Ratio Lower Upper

69 100

41 62.8 43.8 65.6

39 40.8 22.2 33.2





#57

1,3-Dichloropropane

Concen: 19.616 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 8758

Ion Ratio Lower Upper

76 100

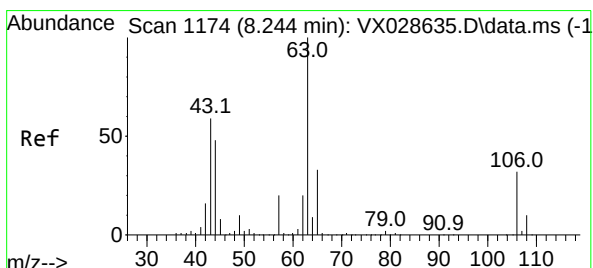
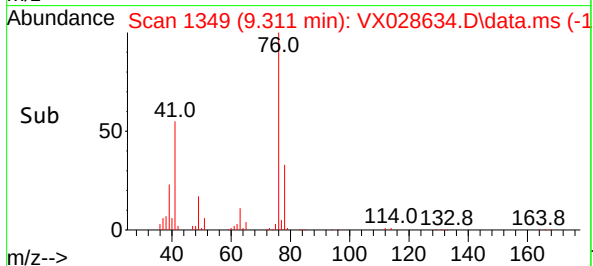
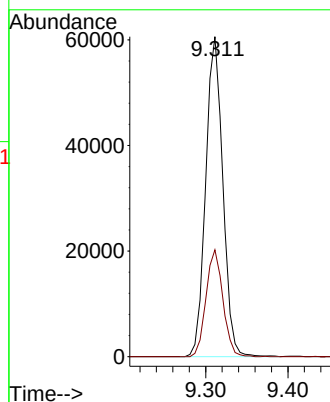
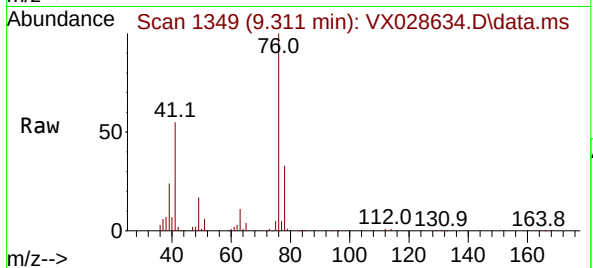
78 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 105.455 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028634.D

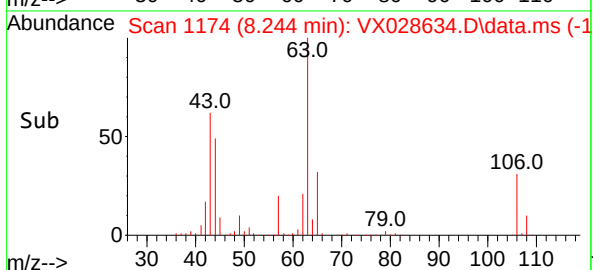
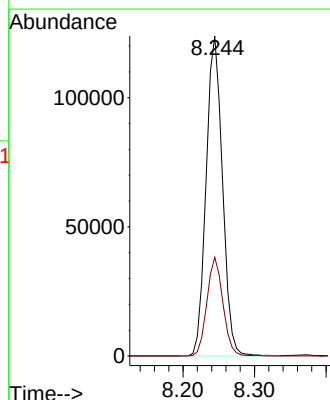
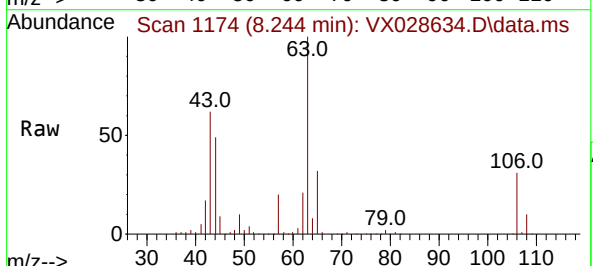
Acq: 12 May 2022 12:55

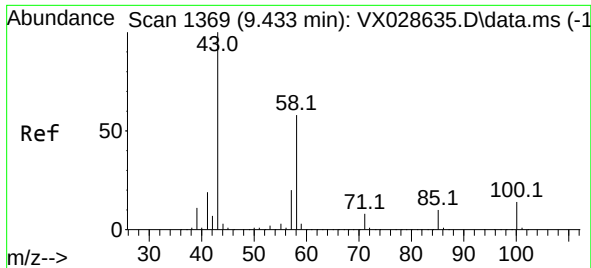
Tgt Ion: 63 Resp: 196823

Ion Ratio Lower Upper

63 100

106 30.1 23.9 35.9





#59

2-Hexanone

Concen: 106.135 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 29619

Ion Ratio Lower Upper

43 100

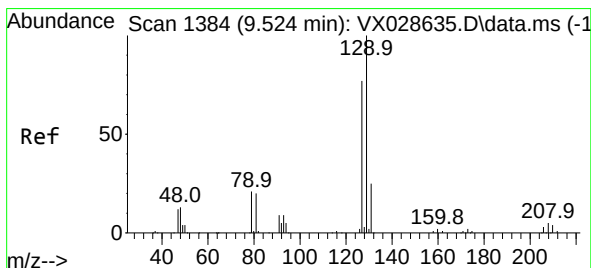
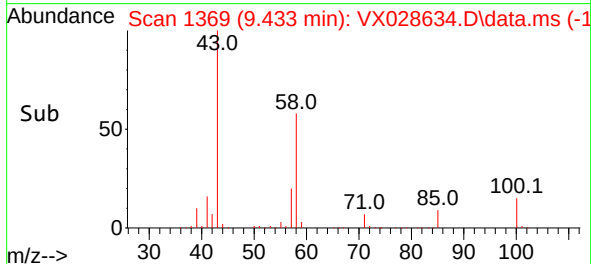
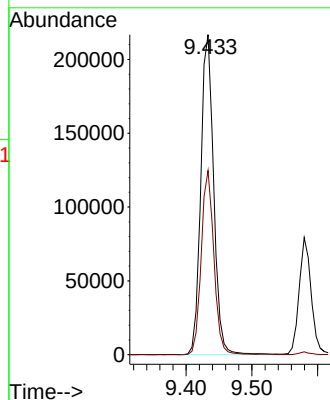
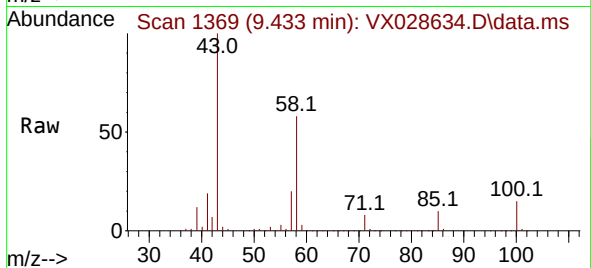
58 56.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#60

Dibromochloromethane

Concen: 16.824 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX028634.D

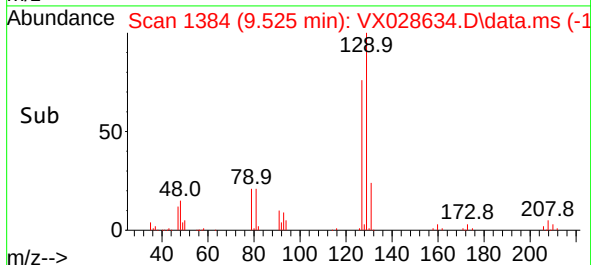
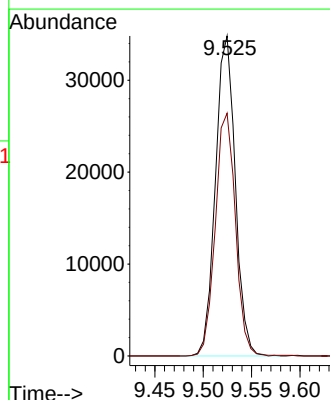
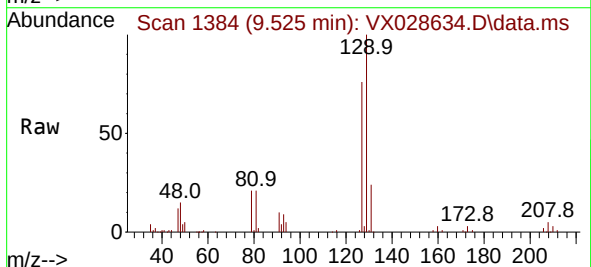
Acq: 12 May 2022 12:55

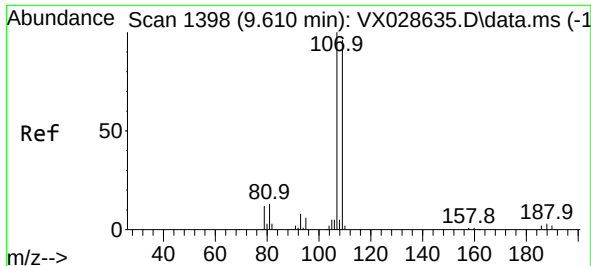
Tgt Ion:129 Resp: 49545

Ion Ratio Lower Upper

129 100

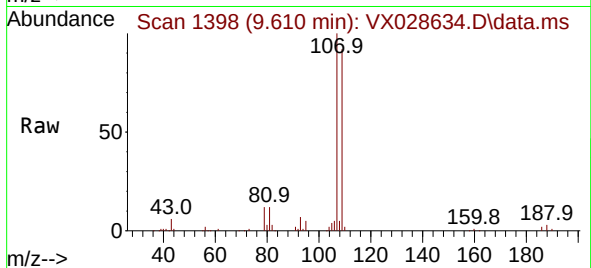
127 77.0 40.3 120.8





#61
1,2-Dibromoethane
Concen: 18.436 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

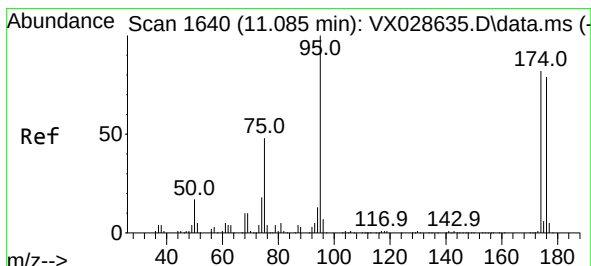
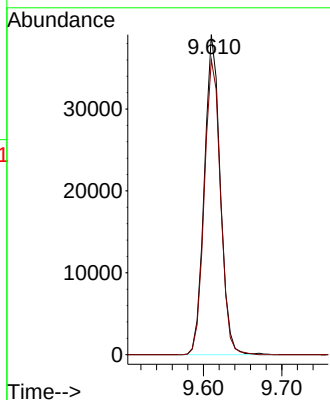
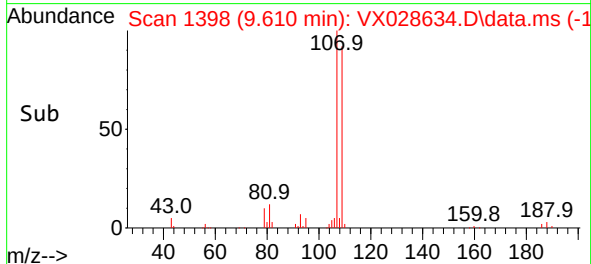
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 54954
Ion Ratio Lower Upper
107 100
109 94.1 74.4 111.6

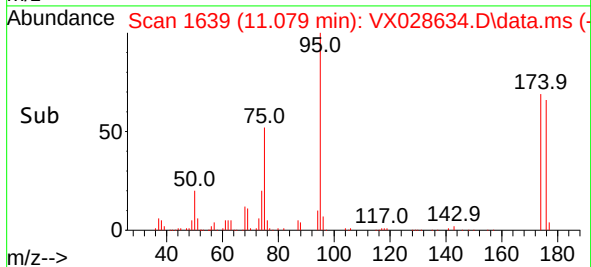
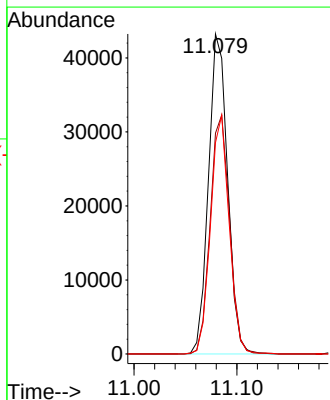
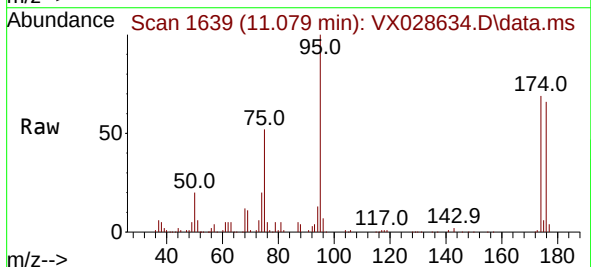
Manual Integrations
APPROVED

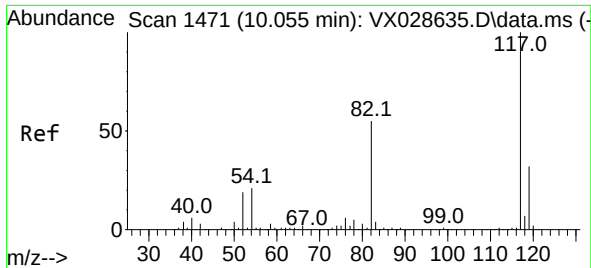
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 15.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

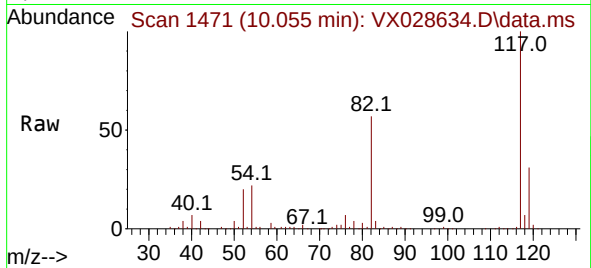
Tgt Ion: 95 Resp: 55942
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 72.6 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

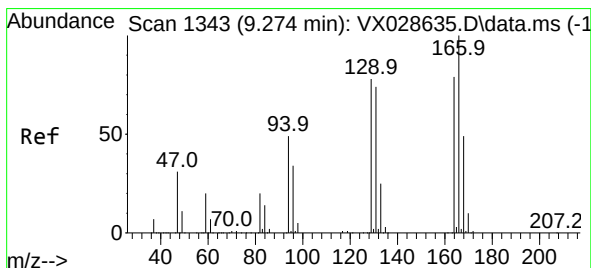
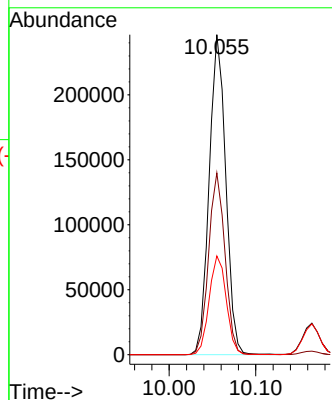
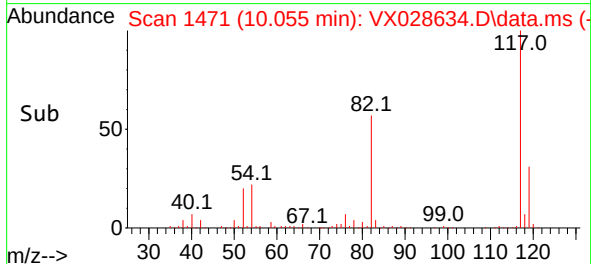
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 32738
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 30.9 24.8 37.2

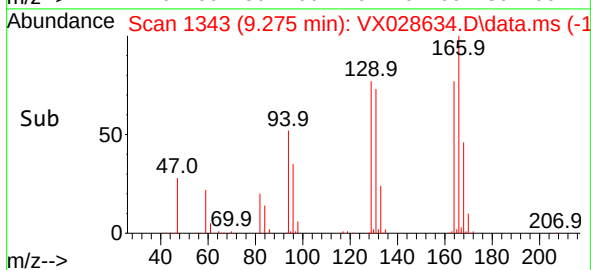
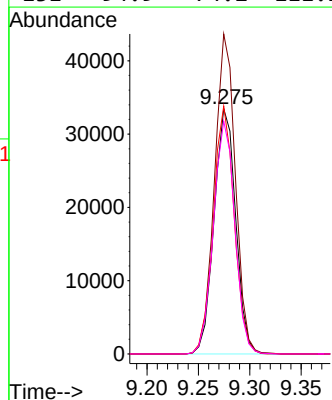
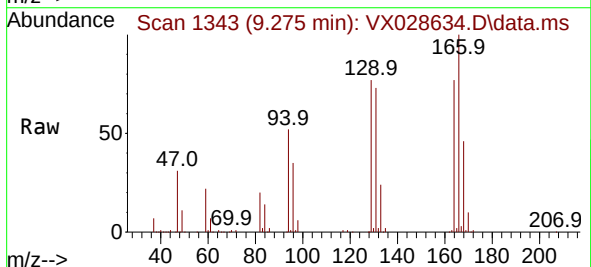
Manual Integrations
APPROVED

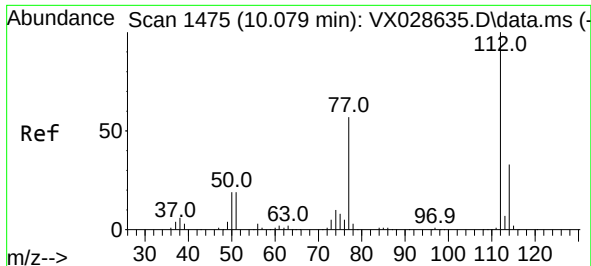
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 18.837 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

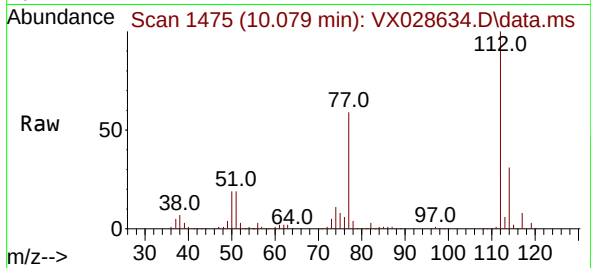
Tgt Ion:164 Resp: 48738
Ion Ratio Lower Upper
164 100
166 130.4 101.2 151.8
129 101.1 73.0 109.4
131 94.9 74.2 111.2





#65
Chlorobenzene
Concen: 19.531 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

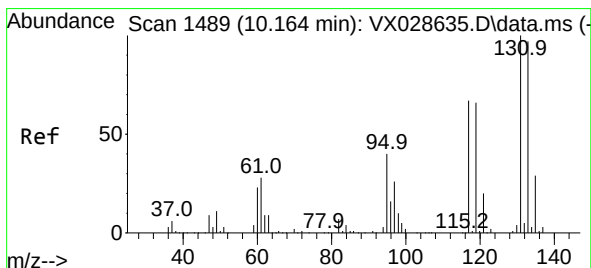
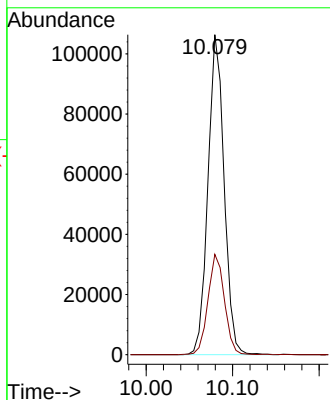
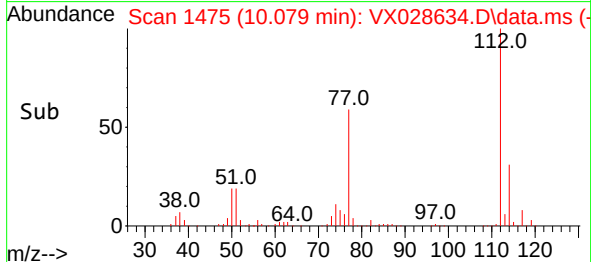
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



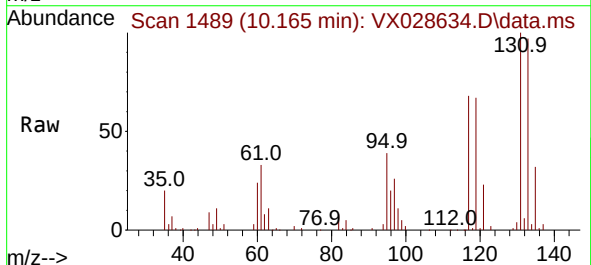
Tgt Ion:112 Resp: 13765
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

Manual Integrations
APPROVED

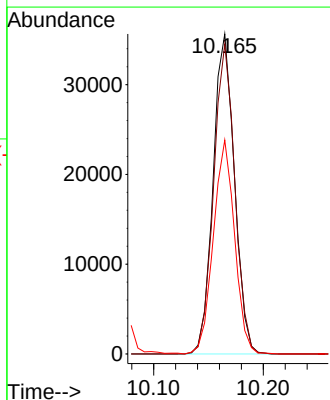
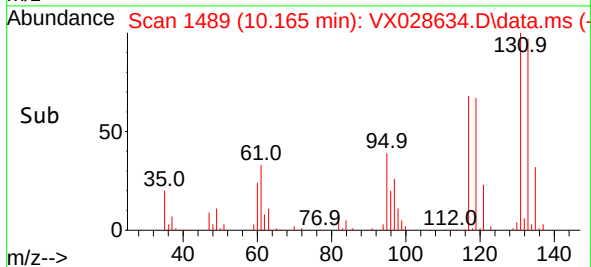
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

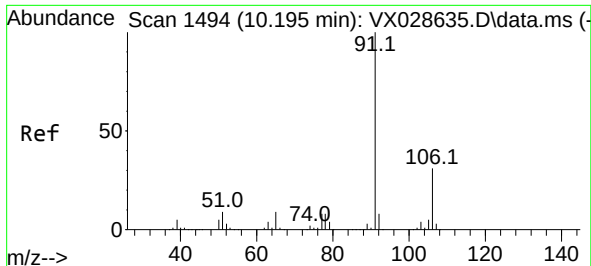


#66
1,1,1,2-Tetrachloroethane
Concen: 18.463 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55



Tgt Ion:131 Resp: 48117
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.8
119 66.7 32.6 98.0





#67

Ethyl Benzene

Concen: 20.633 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 246197

Ion Ratio Lower Upper

91 100

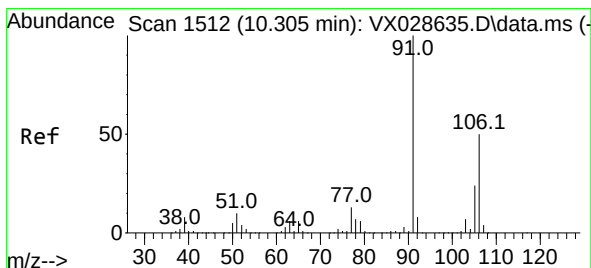
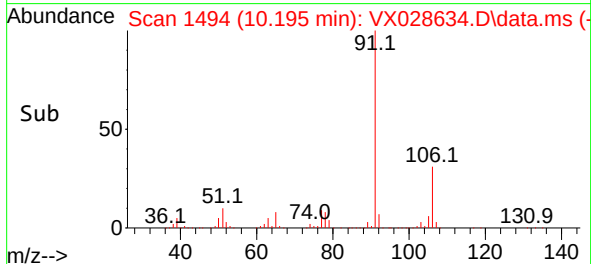
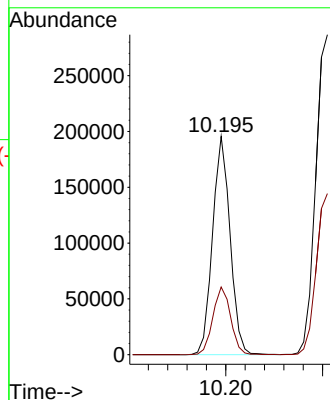
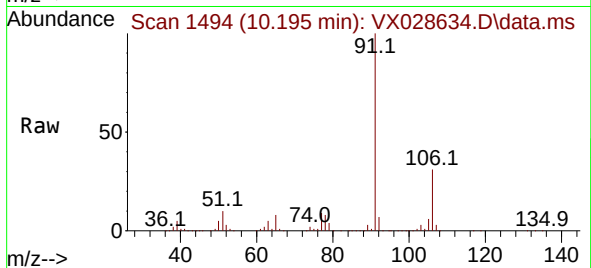
106 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#68

m/p-Xylenes

Concen: 40.137 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028634.D

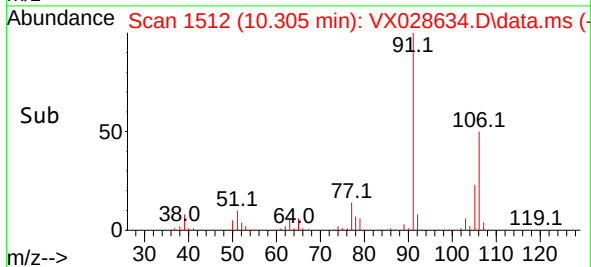
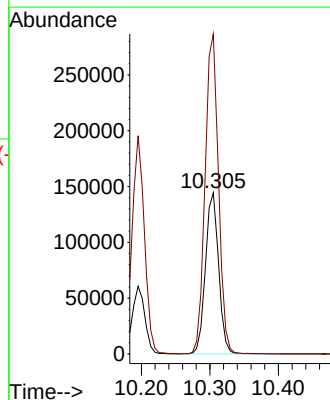
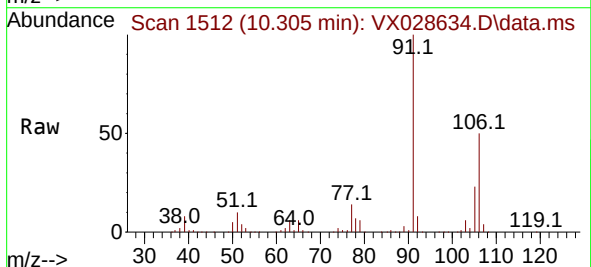
Acq: 12 May 2022 12:55

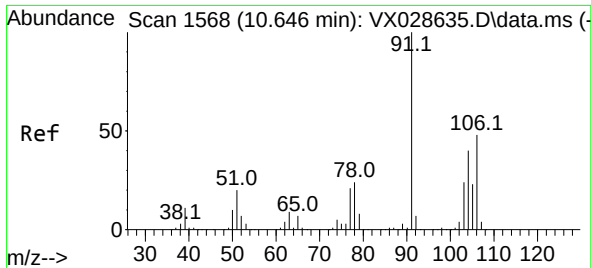
Tgt Ion:106 Resp: 193187

Ion Ratio Lower Upper

106 100

91 202.1 160.4 240.6





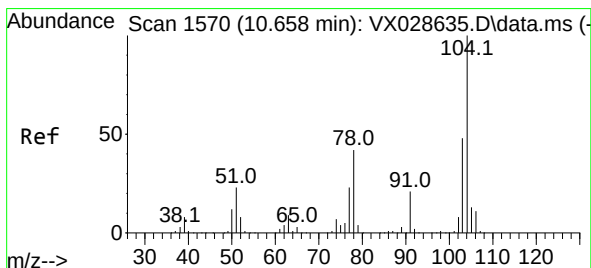
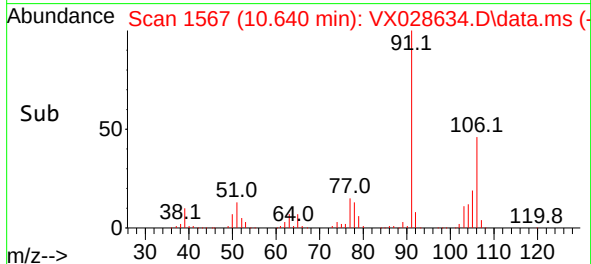
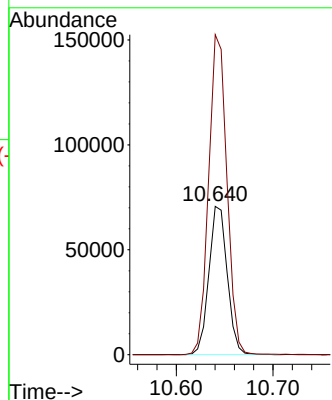
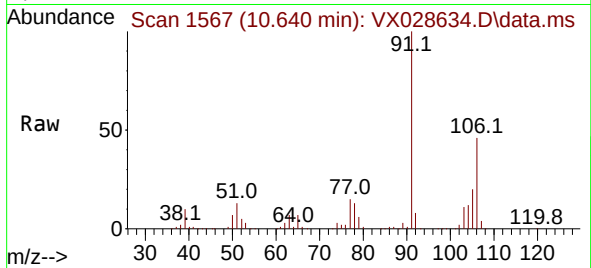
#69
o-Xylene
Concen: 19.529 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 93470
Ion Ratio Lower Upper
106 100
91 215.0 106.1 318.1

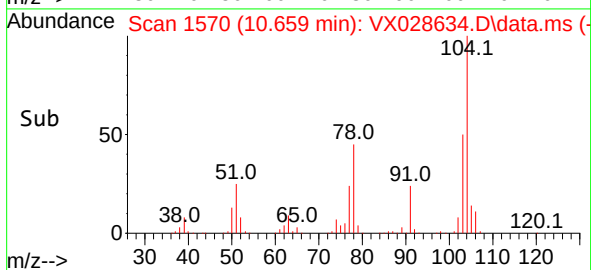
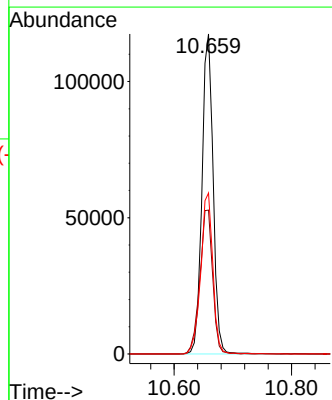
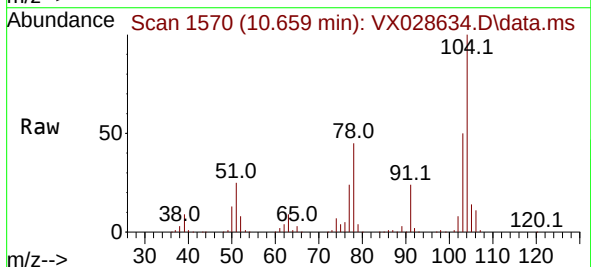
Manual Integrations
APPROVED

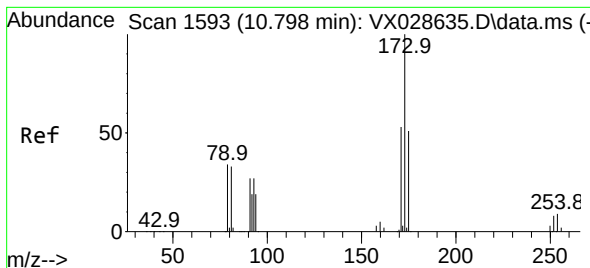
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 19.901 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

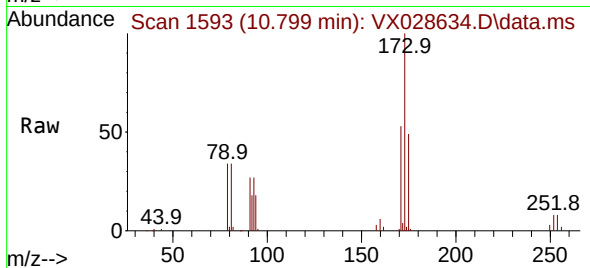
Tgt Ion:104 Resp: 155047
Ion Ratio Lower Upper
104 100
78 51.7 38.6 57.8
103 54.7 43.8 65.8





#71
Bromoform
Concen: 16.587 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

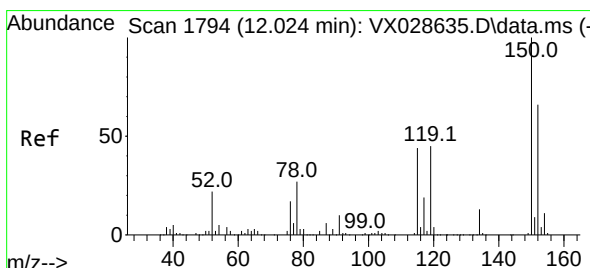
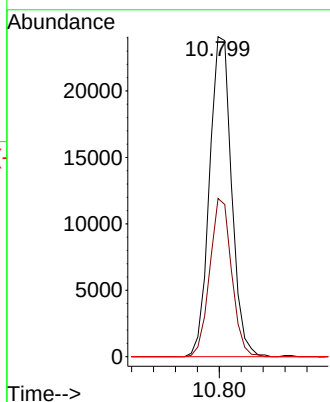
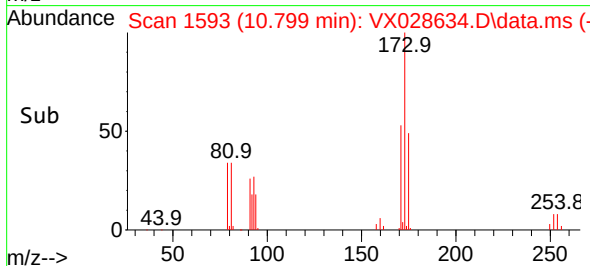
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



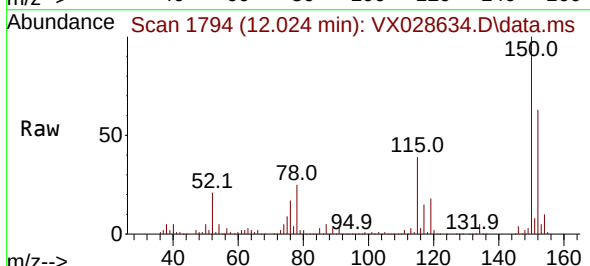
Tgt Ion:173 Resp: 33669
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

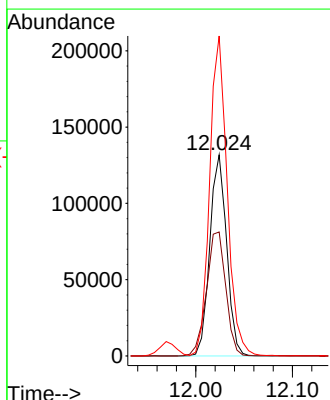
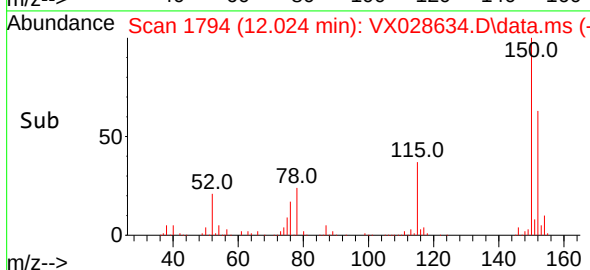
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

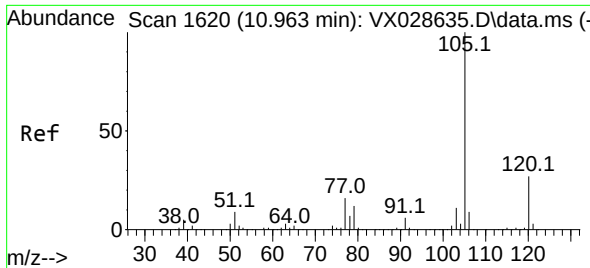


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55



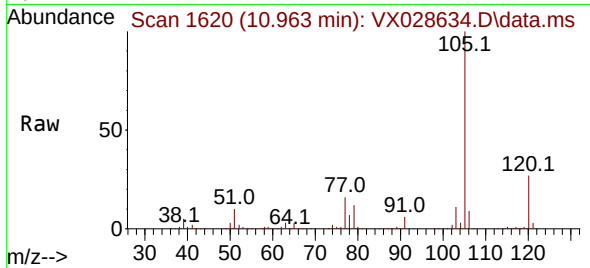
Tgt Ion:152 Resp: 159233
Ion Ratio Lower Upper
152 100
115 70.7 37.5 112.7
150 165.3 0.0 338.2





#73
Isopropylbenzene
Concen: 21.801 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

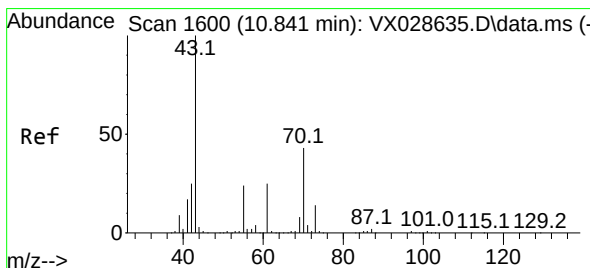
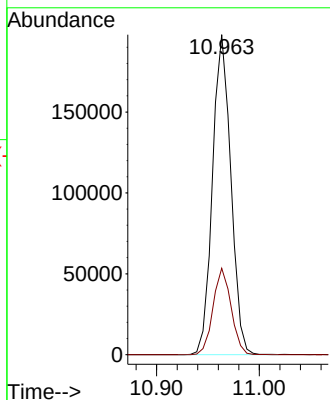
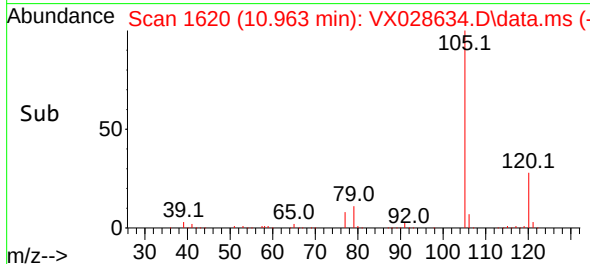
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



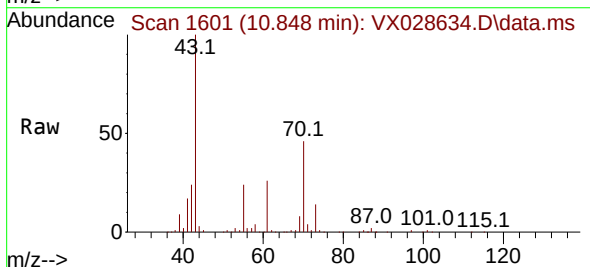
Tgt Ion:105 Resp: 245312
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

Manual Integrations
APPROVED

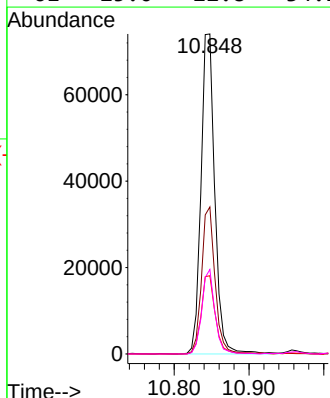
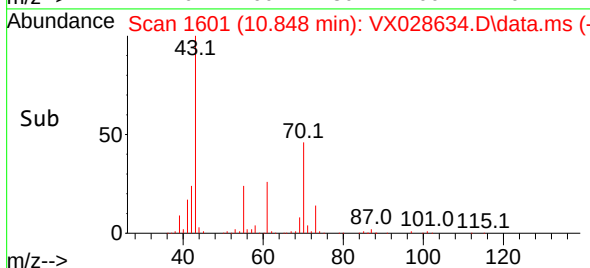
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

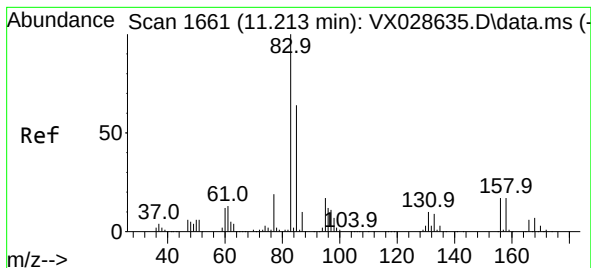


#74
N-ethyl acetate
Concen: 23.760 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55



Tgt Ion: 43 Resp: 95405
Ion Ratio Lower Upper
43 100
70 45.1 42.5 63.7
55 25.0 23.1 34.7
61 25.0 22.8 34.2





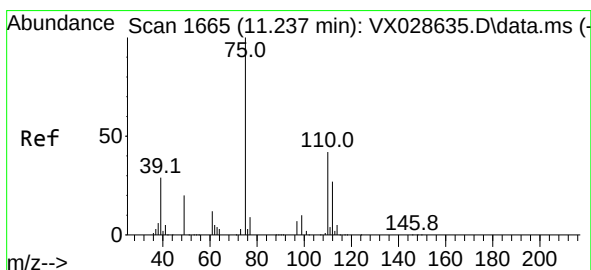
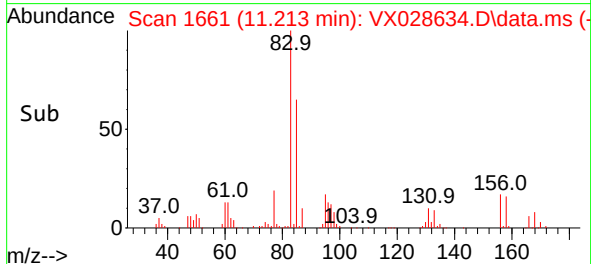
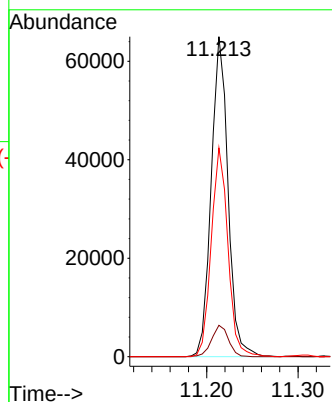
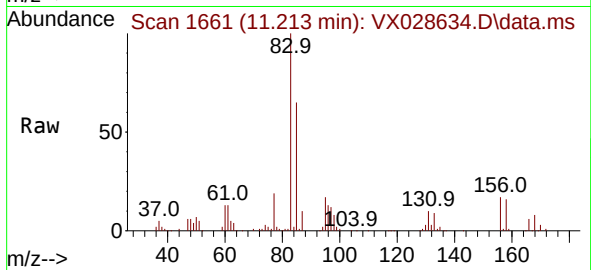
#75
1,1,2,2-Tetrachloroethane
Concen: 22.624 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 82960
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.6 32.6 97.7

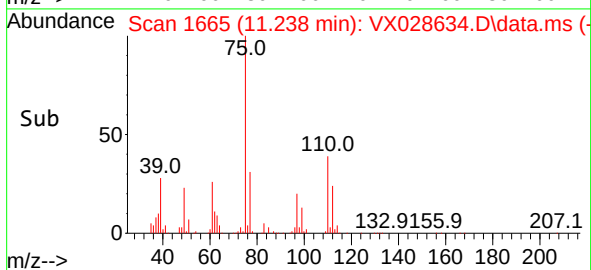
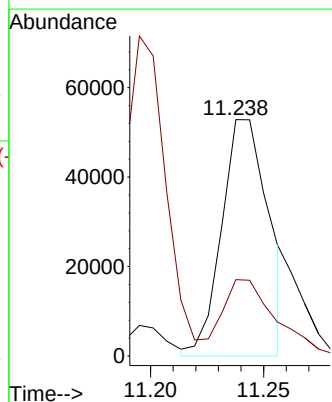
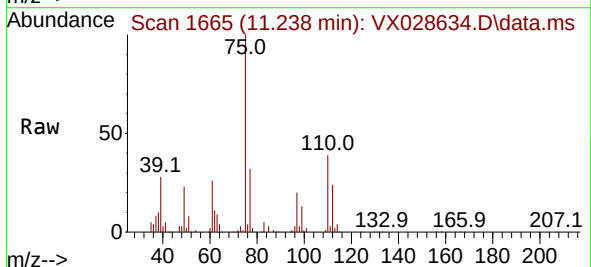
Manual Integrations
APPROVED

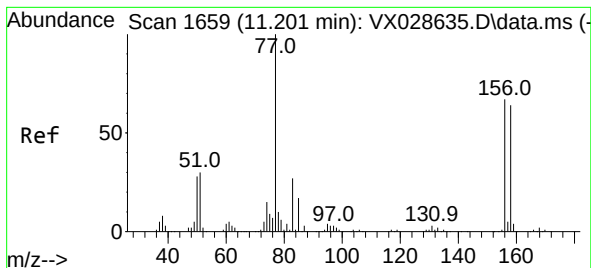
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#76
1,2,3-Trichloropropane
Concen: 23.407 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 75 Resp: 76034
Ion Ratio Lower Upper
75 100
77 38.0 19.4 58.2





#77

Bromobenzene

Concen: 19.585 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

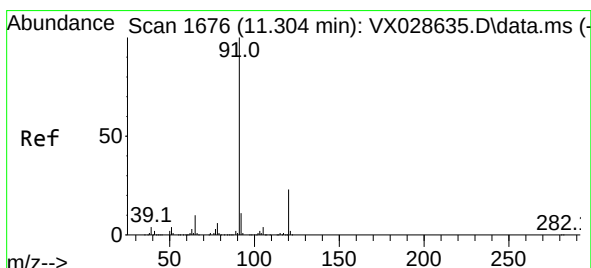
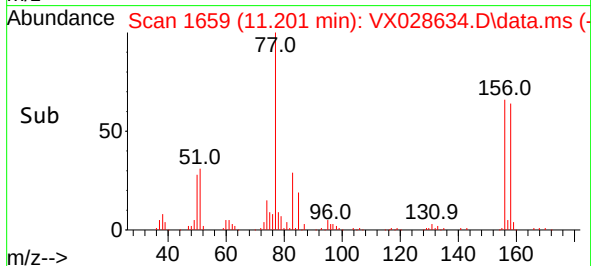
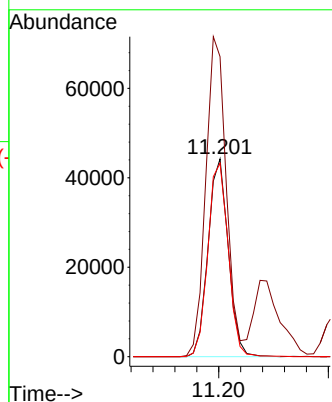
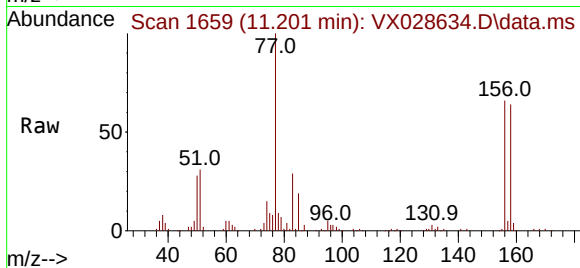
Tgt Ion:	156	Resp:	56629
Ion Ratio	Lower	Upper	
156	100		
77	162.8	78.5	235.3
158	98.6	50.2	150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#78

n-propylbenzene

Concen: 22.445 ug/l

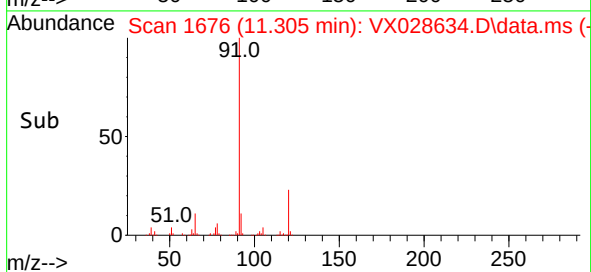
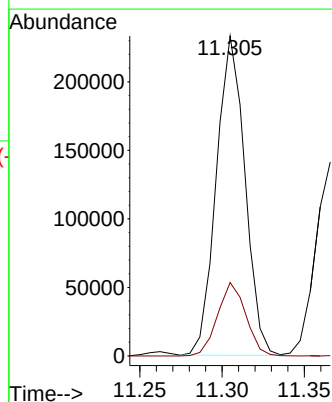
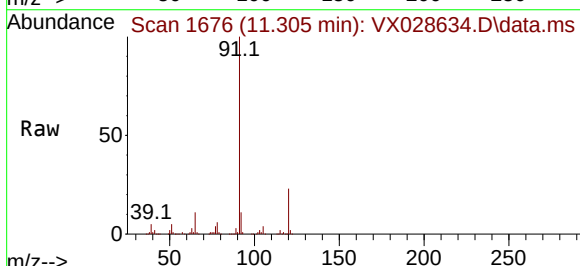
RT: 11.305 min Scan# 1676

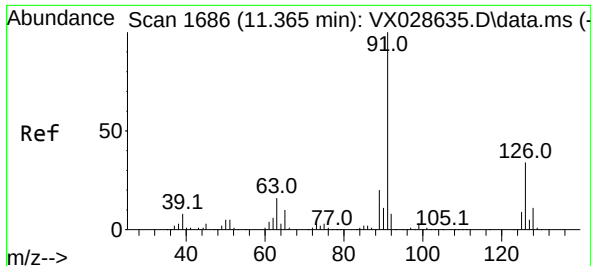
Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Tgt Ion:	91	Resp:	281802
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.6	34.8





#79

2-Chlorotoluene

Concen: 22.046 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 17131

Ion Ratio Lower Upper

91 100

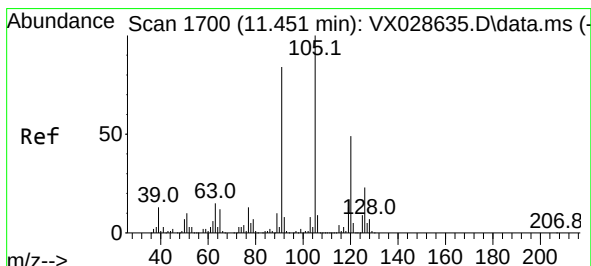
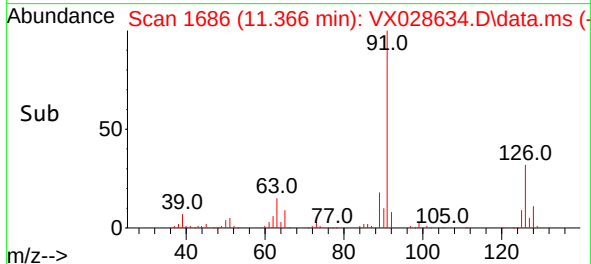
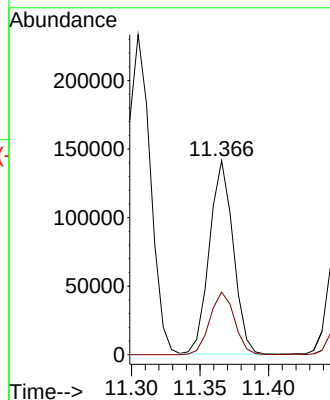
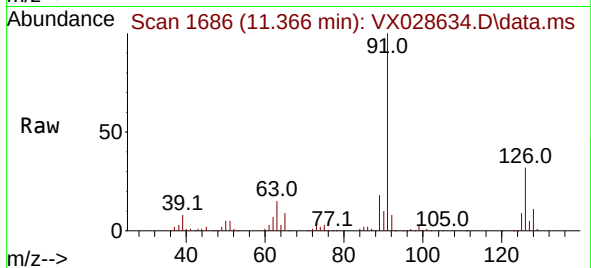
126 33.4 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.448 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028634.D

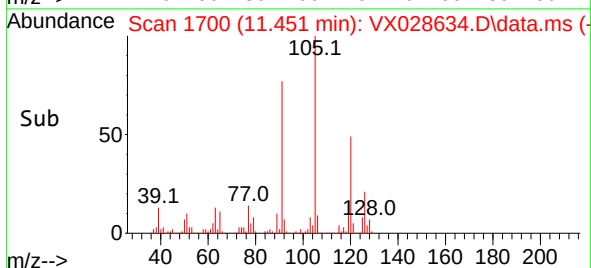
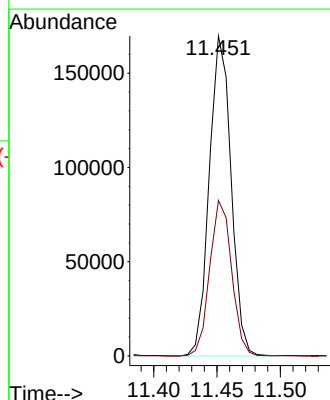
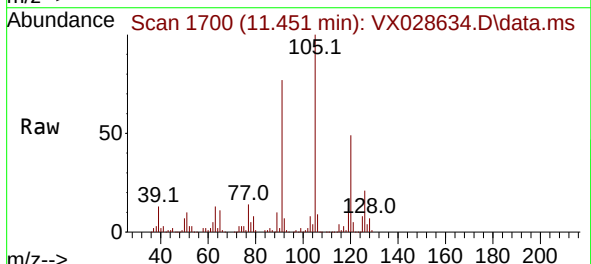
Acq: 12 May 2022 12:55

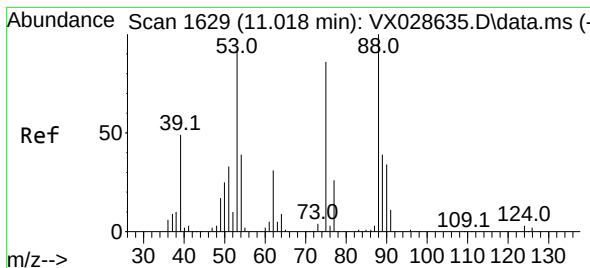
Tgt Ion:105 Resp: 203831

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.9





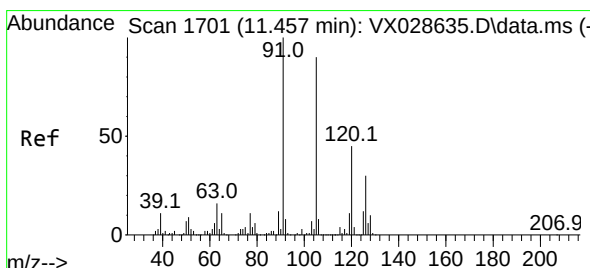
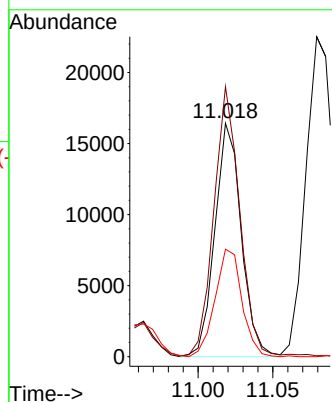
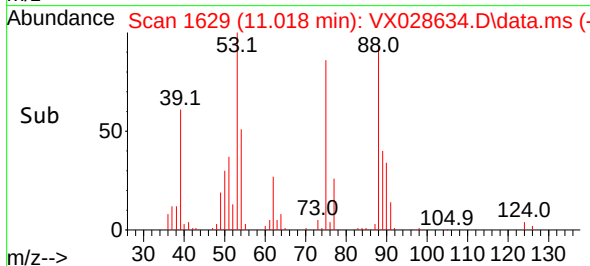
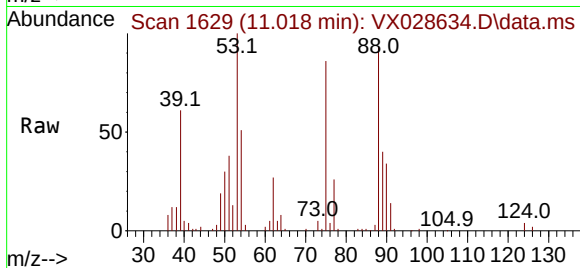
#81
trans-1,4-Dichloro-2-butene
Concen: 18.623 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 20180
Ion Ratio Lower Upper
75 100
53 114.3 69.0 103.4
89 46.9 37.0 55.6

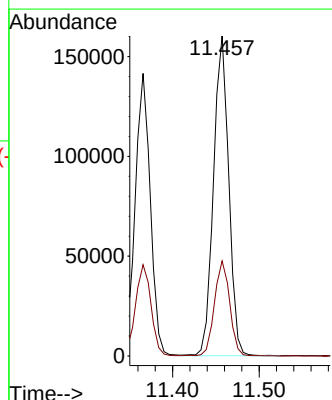
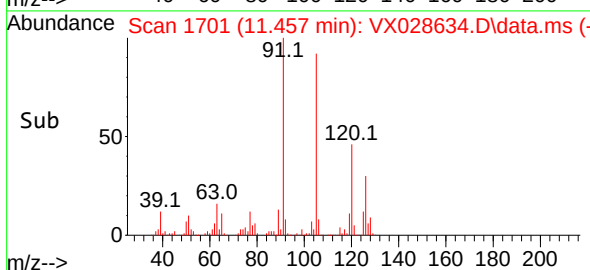
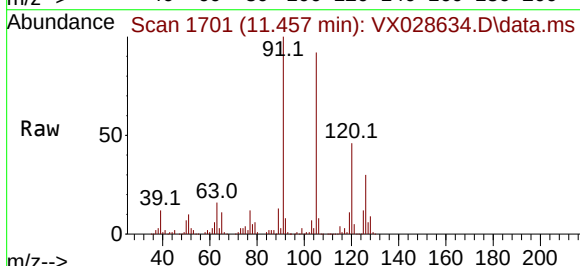
Manual Integrations
APPROVED

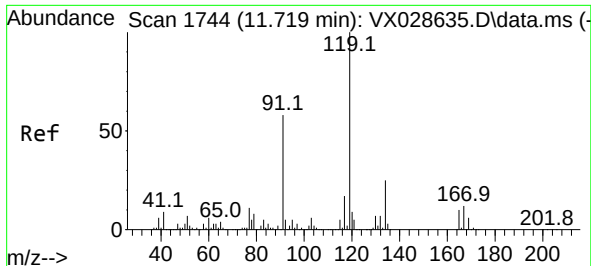
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 21.856 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

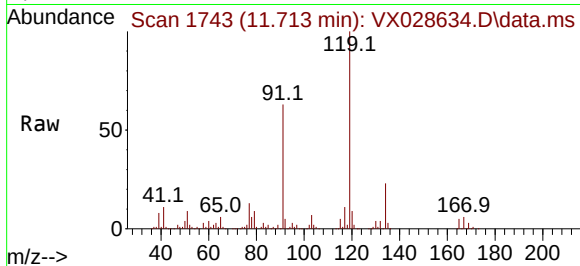
Tgt Ion: 91 Resp: 195883
Ion Ratio Lower Upper
91 100
126 29.9 14.9 44.5





#83
tert-Butylbenzene
Concen: 20.536 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

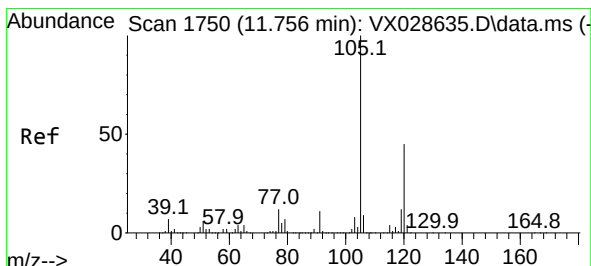
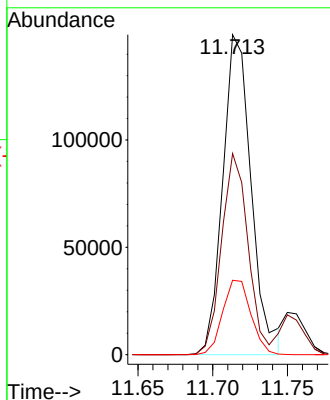
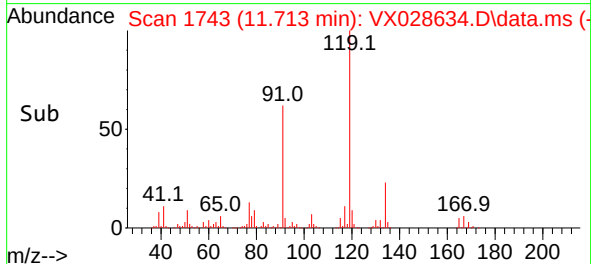
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



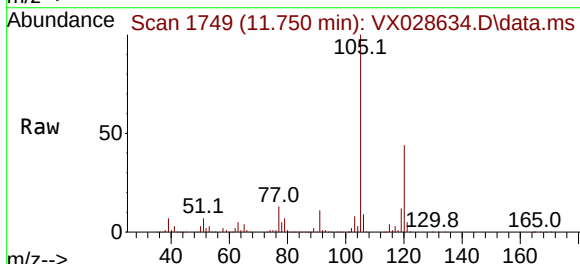
Tgt Ion:119 Resp: 19756
Ion Ratio Lower Upper
119 100
91 58.4 26.9 80.6
134 23.1 11.4 34.2

Manual Integrations
APPROVED

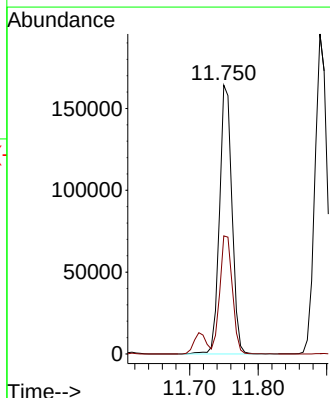
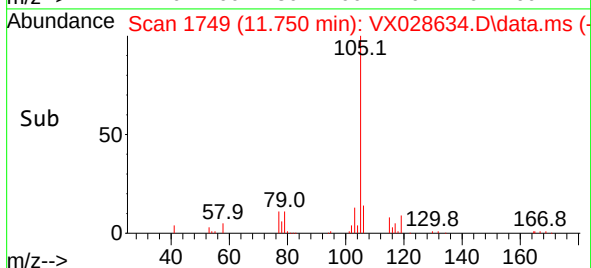
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

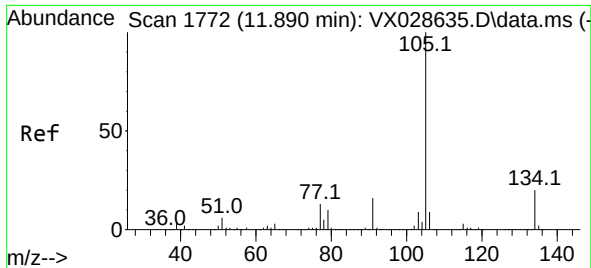


#84
1,2,4-Trimethylbenzene
Concen: 21.829 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55



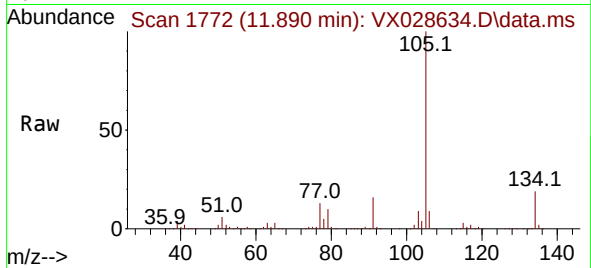
Tgt Ion:105 Resp: 206212
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 20.870 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028634.D
 Acq: 12 May 2022 12:55

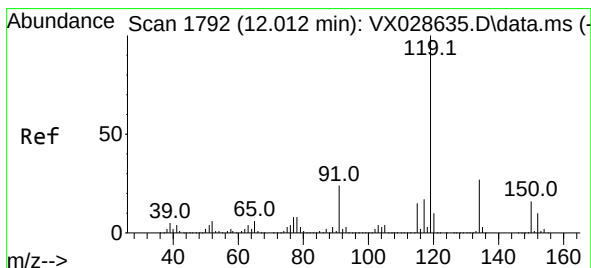
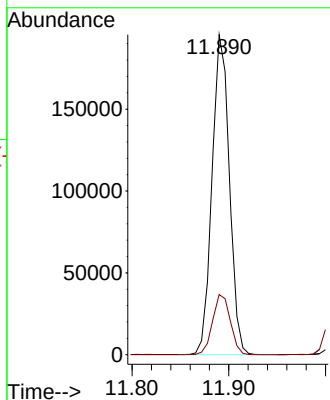
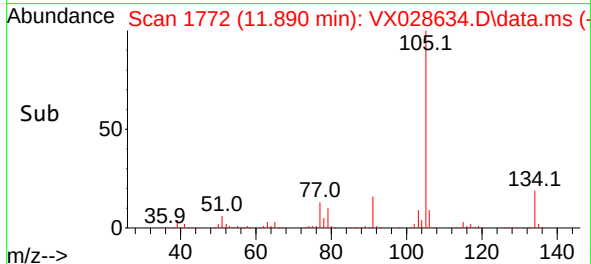
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



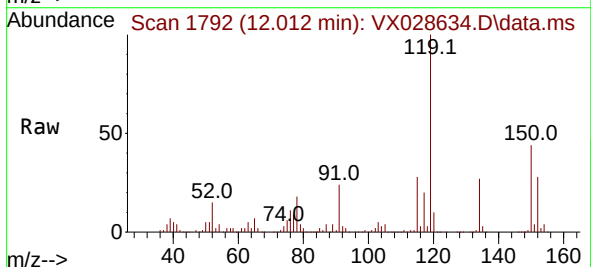
Tgt Ion:105 Resp: 243000
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4

Manual Integrations
 APPROVED

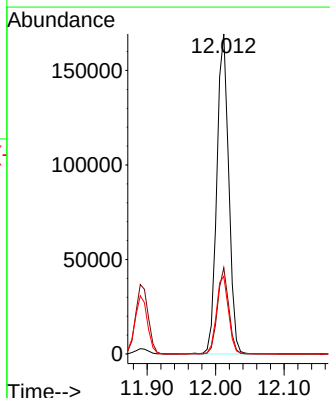
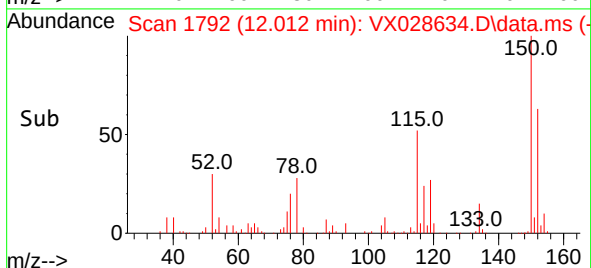
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

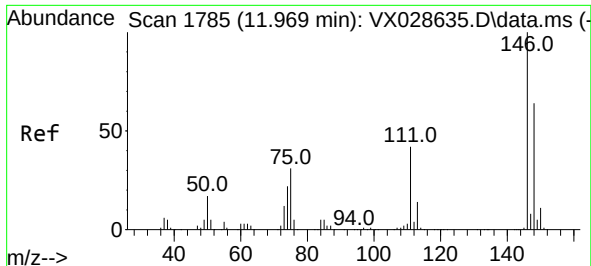


#86
 p-Isopropyltoluene
 Concen: 20.225 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028634.D
 Acq: 12 May 2022 12:55



Tgt Ion:119 Resp: 202353
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.170 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 109552

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.1

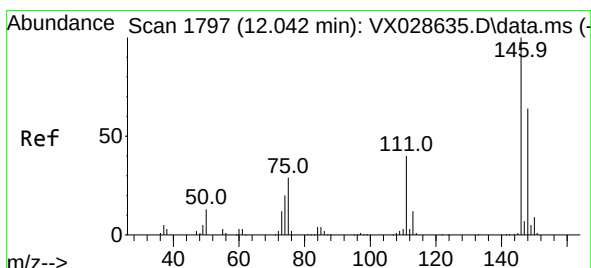
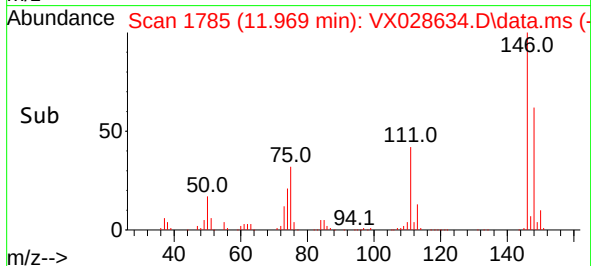
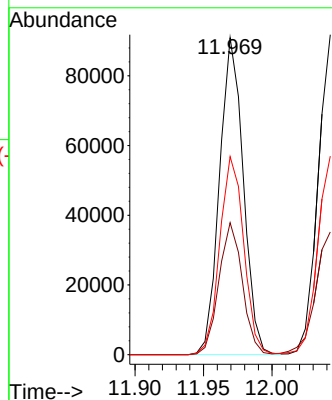
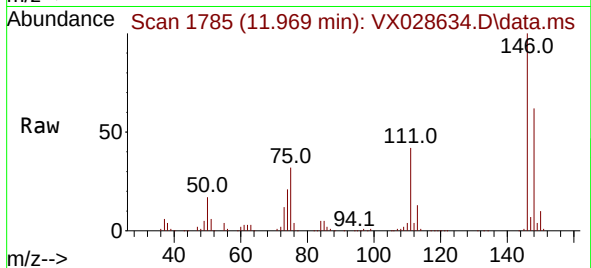
148 63.3 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 19.643 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

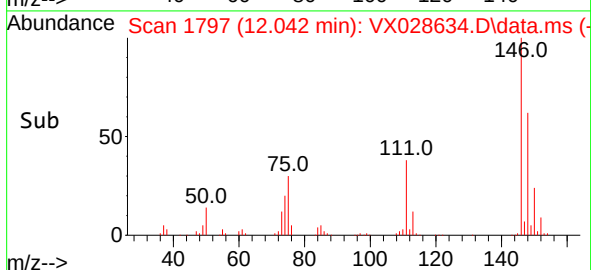
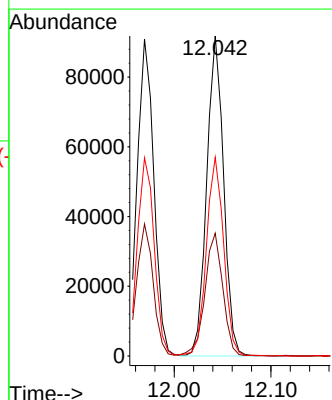
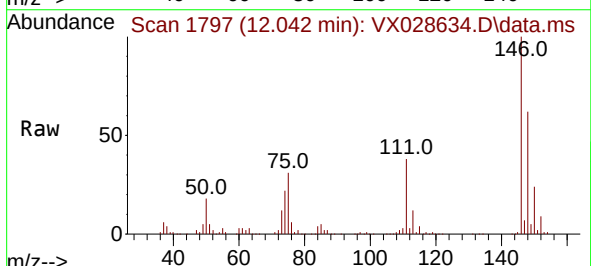
Tgt Ion:146 Resp: 111789

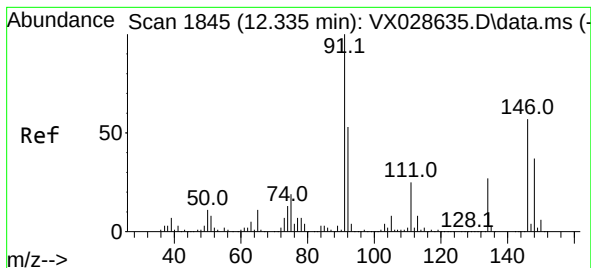
Ion Ratio Lower Upper

146 100

111 40.9 19.2 57.6

148 63.6 32.3 96.9





#89

n-Butylbenzene

Concen: 20.459 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 170254

Ion Ratio Lower Upper

91 100

92 53.5 27.8 83.3

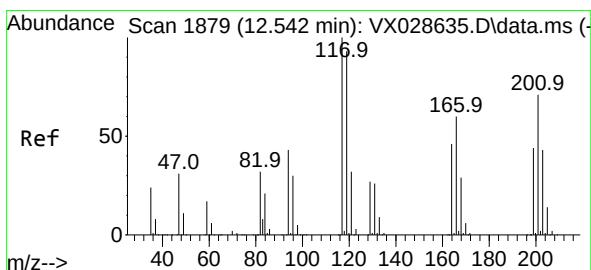
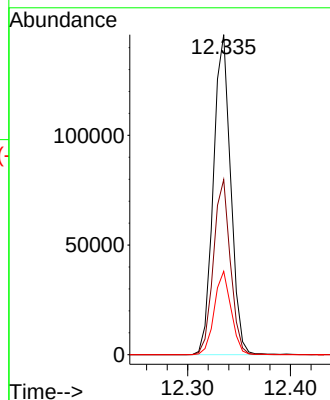
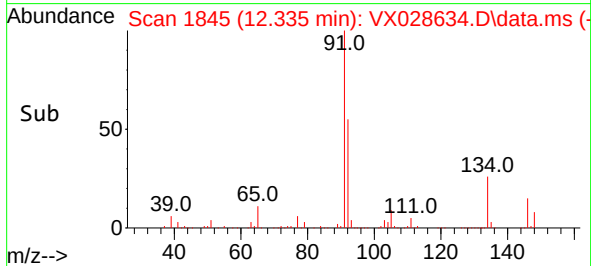
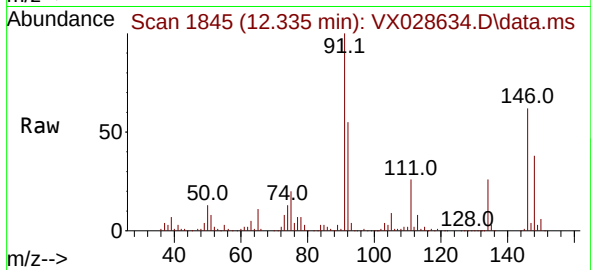
134 25.3 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#90

Hexachloroethane

Concen: 19.536 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028634.D

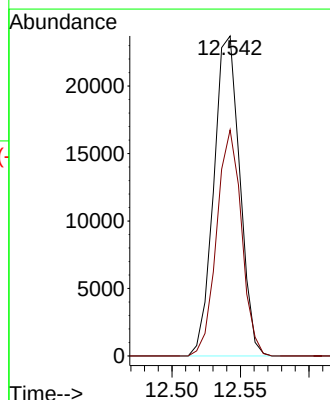
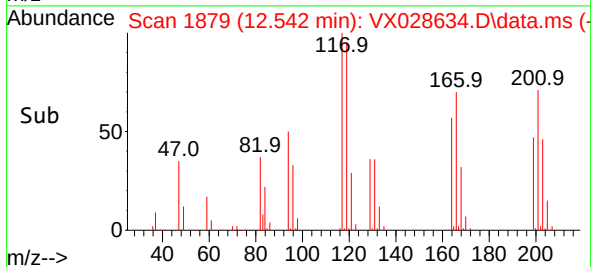
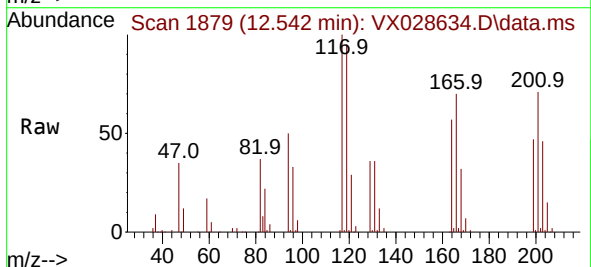
Acq: 12 May 2022 12:55

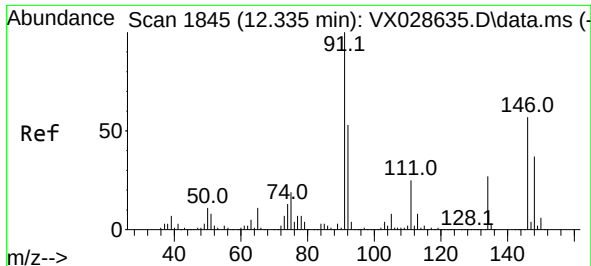
Tgt Ion:117 Resp: 31243

Ion Ratio Lower Upper

117 100

201 67.6 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 20.390 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

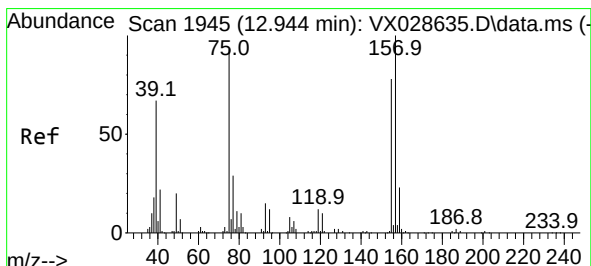
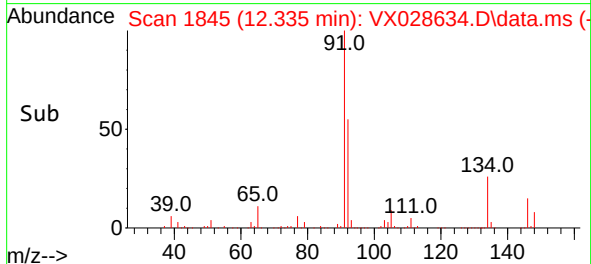
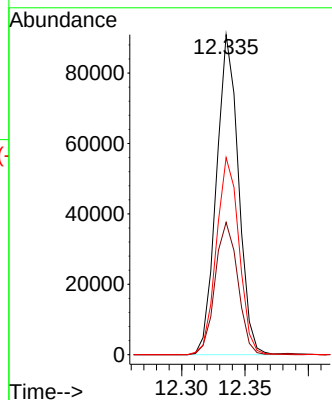
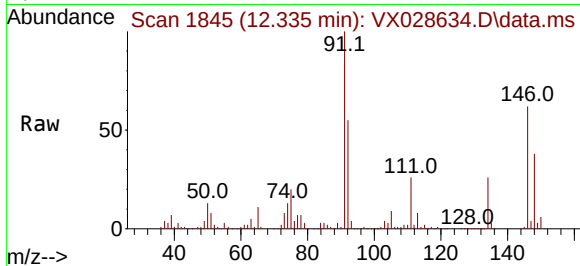
Tgt Ion:146 Resp: 110040
Ion Ratio Lower Upper
146 100
111 42.6 21.0 63.0
148 63.2 32.6 97.7

Manual Integrations

APPROVED

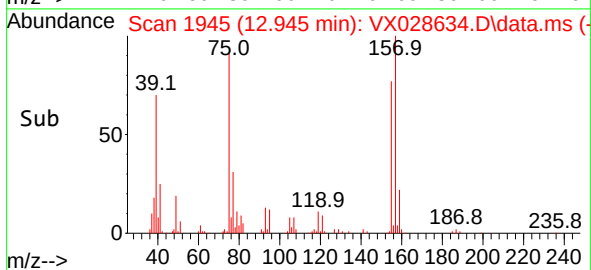
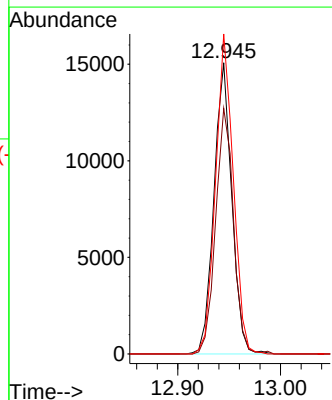
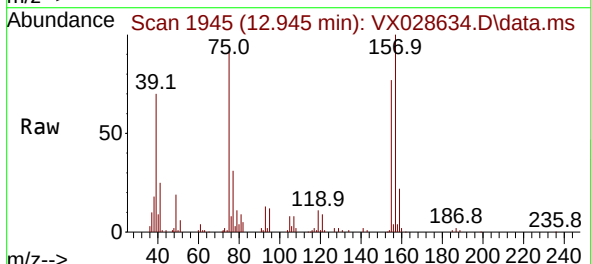
Reviewed By :John Carlone 05/13/2022

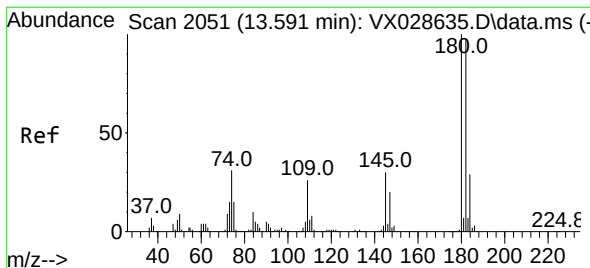
Supervised By :Mahesh Dadoda 05/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.343 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion: 75 Resp: 18173
Ion Ratio Lower Upper
75 100
155 84.2 47.0 141.2
157 109.3 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 19.592 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

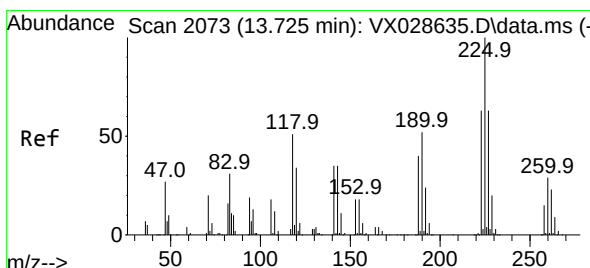
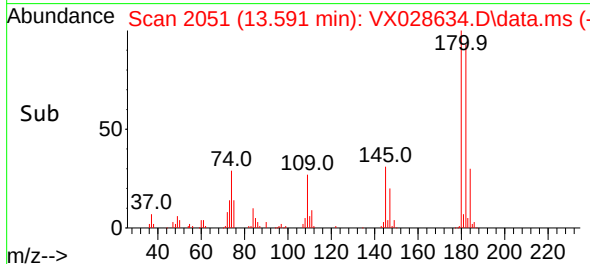
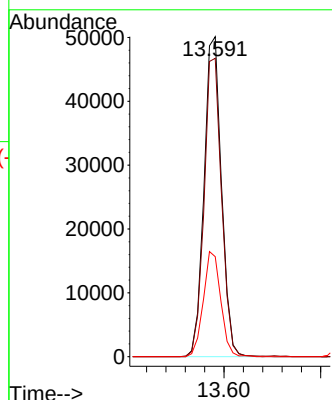
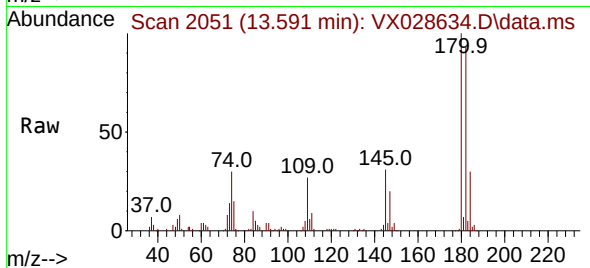
Tgt Ion:180	Resp:	6291
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.7 143.1
145	32.8	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#94

Hexachlorobutadiene

Concen: 16.906 ug/l

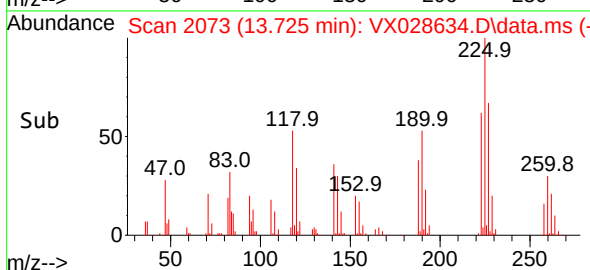
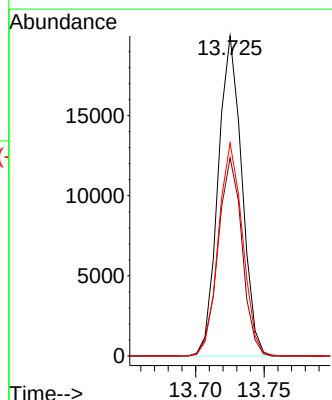
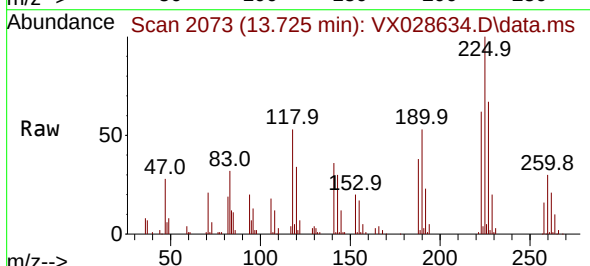
RT: 13.725 min Scan# 2073

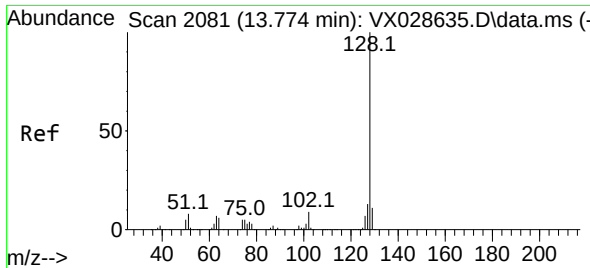
Delta R.T. 0.000 min

Lab File: VX028634.D

Acq: 12 May 2022 12:55

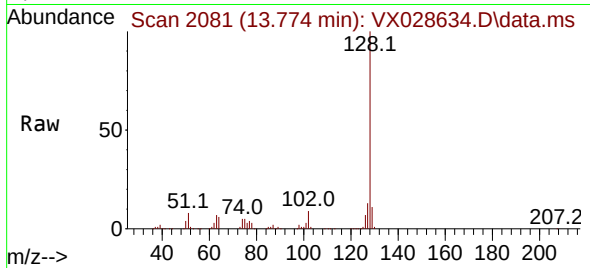
Tgt Ion:225	Resp:	23977
Ion Ratio	Lower	Upper
225	100	
223	62.4	34.2 102.5
227	67.8	33.9 101.7





#95
Naphthalene
Concen: 22.195 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

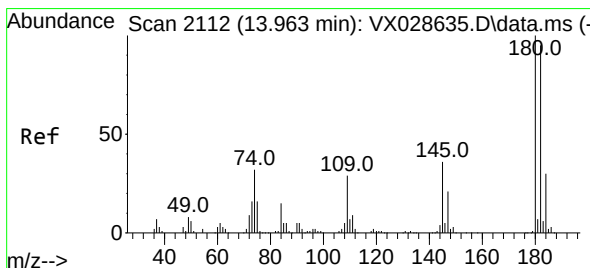
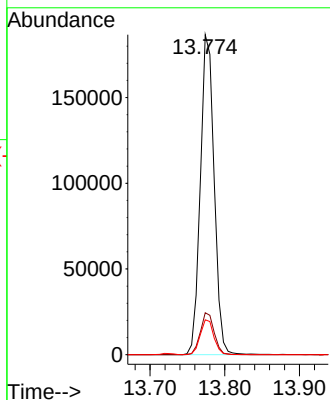
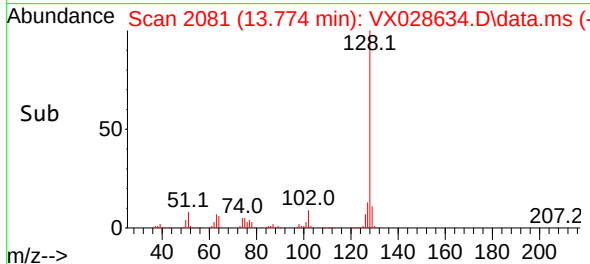
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 239620
Ion Ratio Lower Upper
128 100
127 13.1 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: 20.318 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028634.D
Acq: 12 May 2022 12:55

Tgt Ion:180 Resp: 63880
Ion Ratio Lower Upper
180 100
182 94.0 50.0 149.8
145 34.5 16.2 48.5

