

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028644.D
 Acq On : 12 May 2022 17:39
 Operator : JC/MD
 Sample : VX0512WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

Manual Integrations
 APPROVED

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

Quant Time: May 13 02:47:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	235602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173323	53.668	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.340%			
35) Dibromofluoromethane	5.385	113	139527	54.181	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.360%			
50) Toluene-d8	8.653	98	528106	54.393	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.780%			
62) 4-Bromofluorobenzene	11.079	95	192984	53.217	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66414	21.528	ug/l	99
3) Chloromethane	1.288	50	57537	19.804	ug/l	99
4) Vinyl Chloride	1.374	62	63971	20.432	ug/l	98
5) Bromomethane	1.599	94	51638	20.003	ug/l	98
6) Chloroethane	1.679	64	41965	19.955	ug/l	97
7) Trichlorofluoromethane	1.886	101	101724	20.378	ug/l	99
8) Diethyl Ether	2.130	74	36899	20.287	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	52189	19.868	ug/l	95
10) Methyl Iodide	2.453	142	57395	18.250	ug/l	94
11) Tert butyl alcohol	2.959	59	74105	103.445	ug/l	99
12) 1,1-Dichloroethene	2.319	96	48883	20.047	ug/l	97
13) Acrolein	2.233	56	54569	102.942	ug/l	97
14) Allyl chloride	2.660	41	77410	19.794	ug/l	90
15) Acrylonitrile	3.062	53	164197	105.524	ug/l	99
16) Acetone	2.380	43	143448	103.494	ug/l	92
17) Carbon Disulfide	2.508	76	123494	19.538	ug/l	100
18) Methyl Acetate	2.703	43	74697	21.517	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	181316	20.954	ug/l	99
20) Methylene Chloride	2.788	84	56849	19.550	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	54997	20.024	ug/l	99
22) Diisopropyl ether	3.764	45	174563	20.887	ug/l	92
23) Vinyl Acetate	3.721	43	775194	107.595	ug/l	96
24) 1,1-Dichloroethane	3.611	63	99210	20.419	ug/l	99
25) 2-Butanone	4.556	43	232742	106.976	ug/l	96
26) 2,2-Dichloropropane	4.471	77	75782	19.893	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	63406	19.766	ug/l	98
28) Bromochloromethane	4.897	49	42823	20.939	ug/l	92
29) Tetrahydrofuran	5.001	42	151502	107.129	ug/l	92
30) Chloroform	5.093	83	106384	20.232	ug/l	99
31) Cyclohexane	5.471	56	89725	20.015	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	92423	20.134	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77848	20.127	ug/l	99
37) Ethyl Acetate	4.715	43	88717	21.960	ug/l	96
38) Carbon Tetrachloride	5.684	117	79253	20.360	ug/l	99
39) Methylcyclohexane	7.385	83	90397	20.379	ug/l	96
40) Benzene	6.044	78	230108	20.700	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45442	20.978	ug/l	95
42) 1,2-Dichloroethane	6.092	62	85708	20.903	ug/l	98
43) Isopropyl Acetate	6.342	43	135927	21.506	ug/l	94
44) Trichloroethene	7.129	130	62090	20.595	ug/l	98
45) 1,2-Dichloropropane	7.434	63	57468	20.720	ug/l	97
46) Dibromomethane	7.586	93	43210	20.862	ug/l	92
47) Bromodichloromethane	7.824	83	78445	20.400	ug/l	98
48) Methyl methacrylate	7.696	41	66613	21.818	ug/l	85
49) 1,4-Dioxane	7.665	88	32804	430.080	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	457450	109.881	ug/l	93
52) Toluene	8.720	92	150804	21.089	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80284	19.183	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	90590	20.937	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	61260	21.009	ug/l	99
56) Ethyl methacrylate	9.116	69	94866	21.484	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	103859	21.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238540	110.340	ug/l	100
59) 2-Hexanone	9.433	43	359804	111.241	ug/l	90
60) Dibromochloromethane	9.525	129	59814	21.033	ug/l	95
61) 1,2-Dibromoethane	9.610	107	65502	21.388	ug/l	99
64) Tetrachloroethene	9.275	164	56568	20.835	ug/l	97
65) Chlorobenzene	10.079	112	160173	21.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	55970	20.715	ug/l	99
67) Ethyl Benzene	10.195	91	290801	21.271	ug/l	99
68) m/p-Xylenes	10.305	106	226300	42.516	ug/l	98
69) o-Xylene	10.646	106	110438	21.074	ug/l	97
70) Styrene	10.659	104	183088	21.514	ug/l	98
71) Bromoform	10.799	173	40990	19.479	ug/l #	100
73) Isopropylbenzene	10.963	105	288987	20.868	ug/l	99
74) N-amyl acetate	10.848	43	116958	21.486	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	100461	21.146	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90900m	21.256	ug/l	
77) Bromobenzene	11.201	156	66788	20.383	ug/l	94
78) n-propylbenzene	11.305	91	334466	20.880	ug/l	100
79) 2-Chlorotoluene	11.366	91	200110	20.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	243061	21.065	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	25145	20.053	ug/l #	82
82) 4-Chlorotoluene	11.457	91	233819	20.601	ug/l	100
83) tert-Butylbenzene	11.719	119	233529	20.903	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	244057	21.092	ug/l	98
85) sec-Butylbenzene	11.890	105	287746	20.880	ug/l	100
86) p-Isopropyltoluene	12.012	119	244093	21.108	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	129679	20.178	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	132963	19.946	ug/l	97
89) n-Butylbenzene	12.335	91	203566	20.317	ug/l	97
90) Hexachloroethane	12.542	117	38138	20.394	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	128665	20.379	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21100	20.800	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	74246	20.361	ug/l	97
94) Hexachlorobutadiene	13.725	225	30433	20.544	ug/l	94
95) Naphthalene	13.774	128	279837	21.566	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74265	20.278	ug/l	95

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

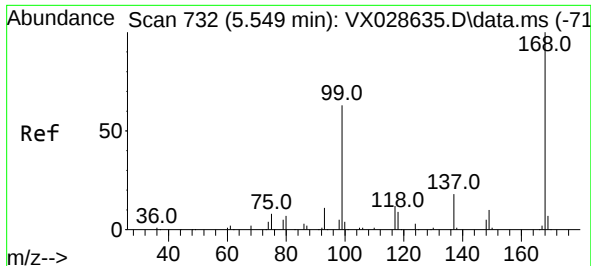
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

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



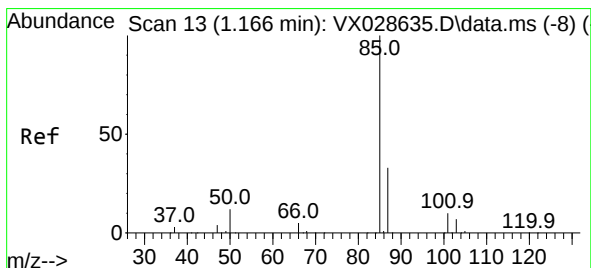
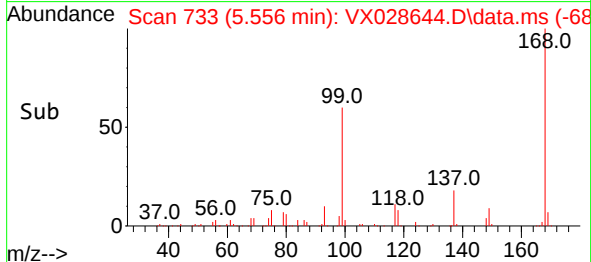
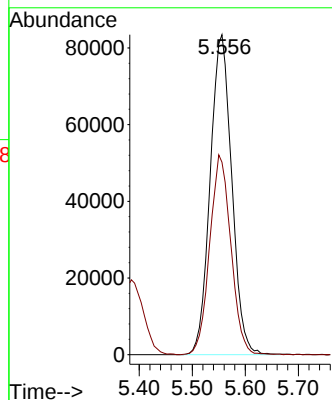
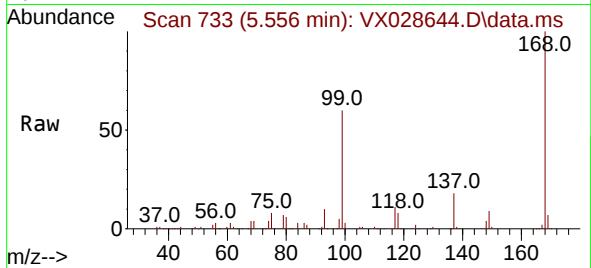
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion:168 Resp: 235602
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5

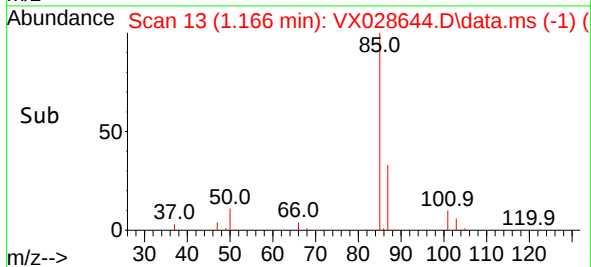
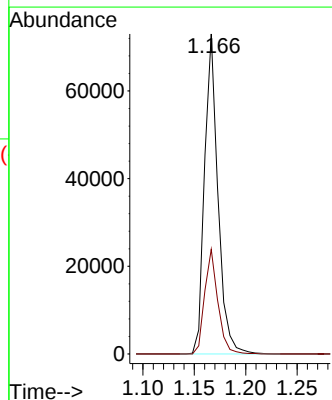
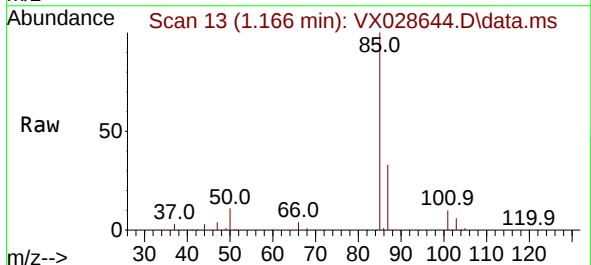
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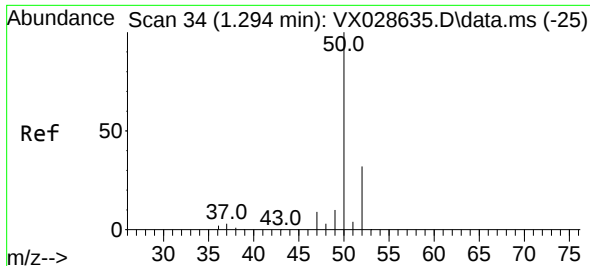
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 21.528 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Tgt Ion: 85 Resp: 66414
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





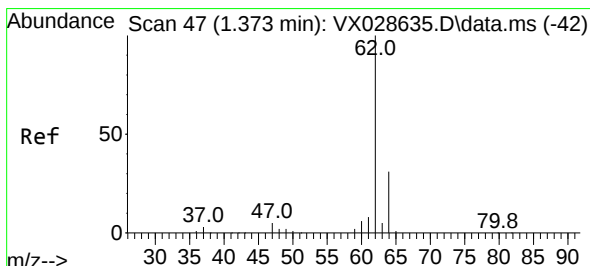
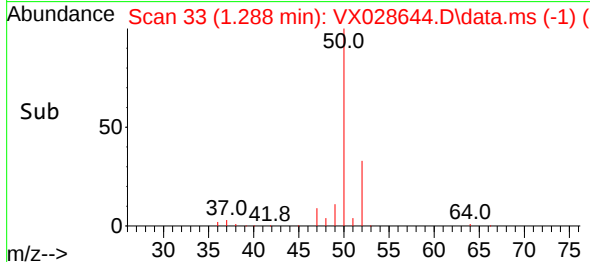
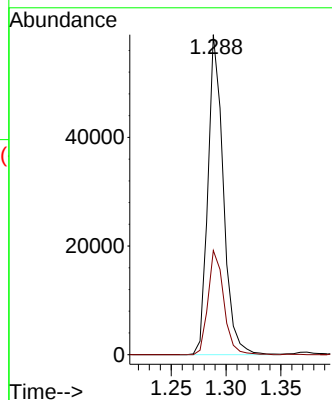
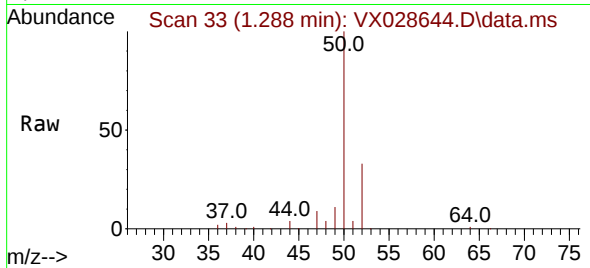
#3
Chloromethane
Concen: 19.804 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
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ClientSampleId :
VX0512WBSD01

Tgt Ion: 50 Resp: 5753
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

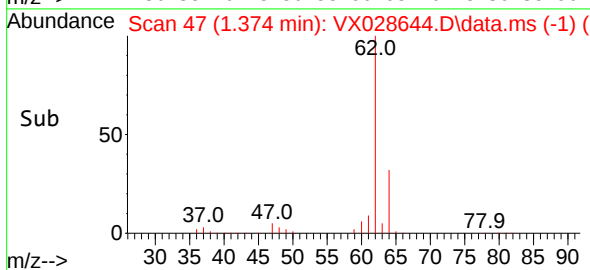
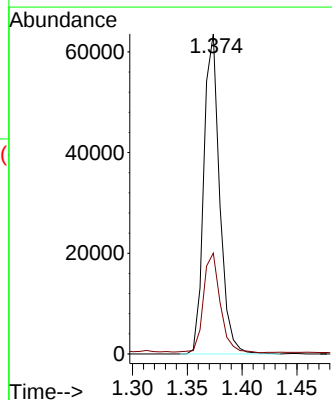
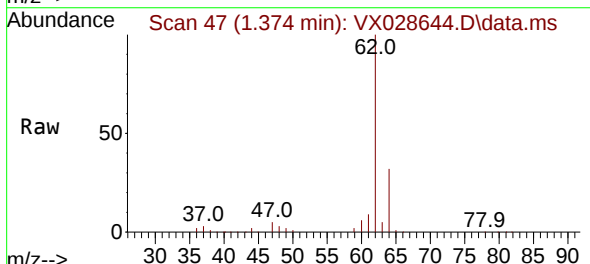
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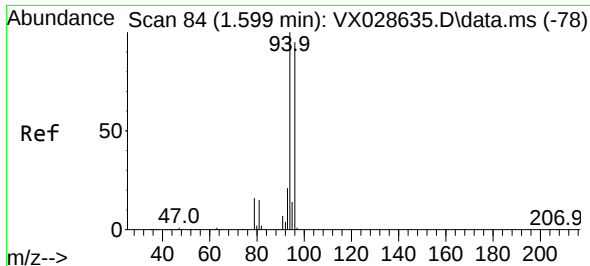
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 20.432 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

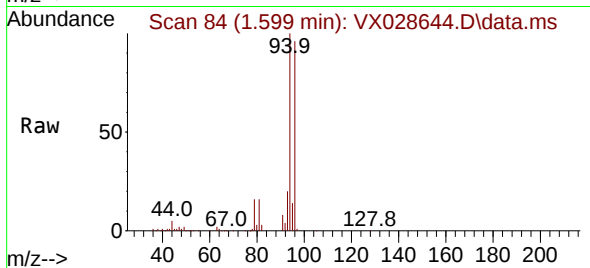
Tgt Ion: 62 Resp: 63971
Ion Ratio Lower Upper
62 100
64 31.0 25.5 38.3





#5
Bromomethane
Concen: 20.003 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028644.D
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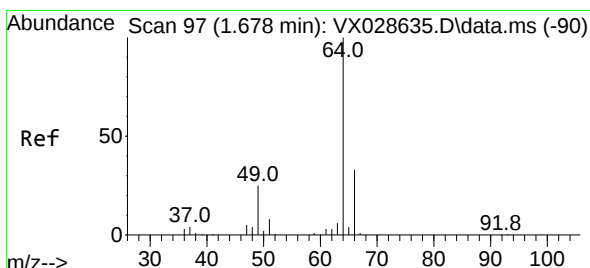
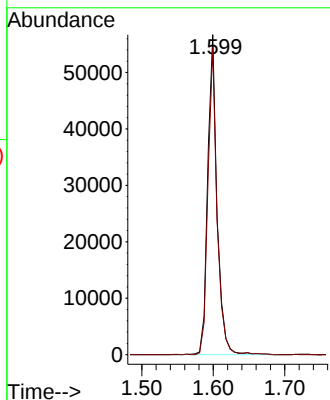
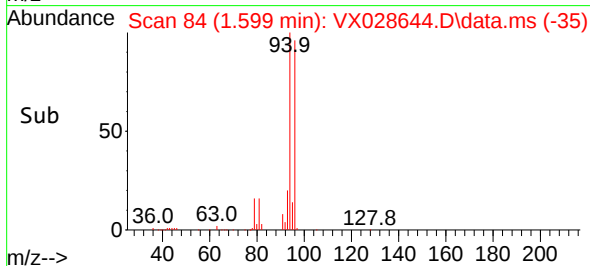
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Tgt Ion: 94 Resp: 51638
Ion Ratio Lower Upper
94 100
96 96.1 75.3 112.9

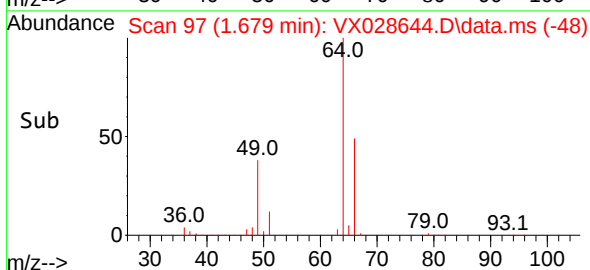
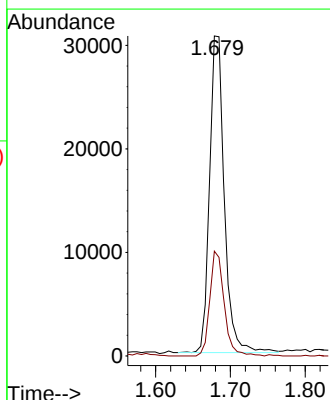
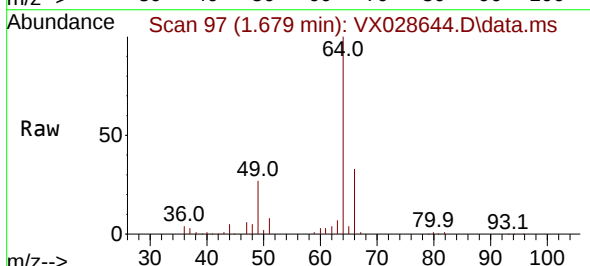
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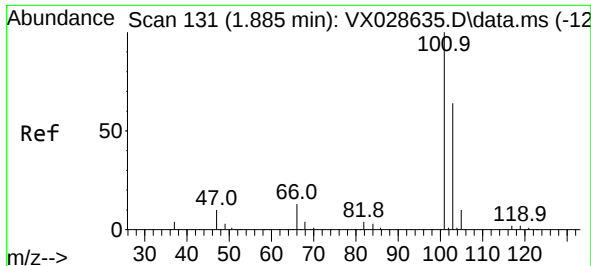
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 19.955 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028644.D
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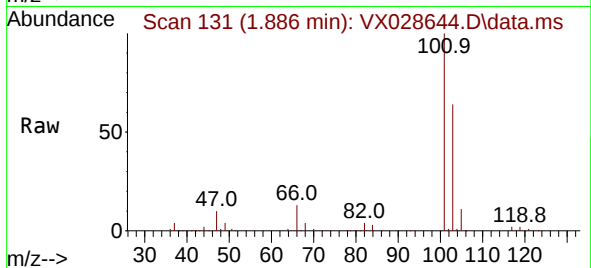
Tgt Ion: 64 Resp: 41965
Ion Ratio Lower Upper
64 100
66 33.1 25.3 37.9





#7
Trichlorofluoromethane
Concen: 20.378 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028644.D
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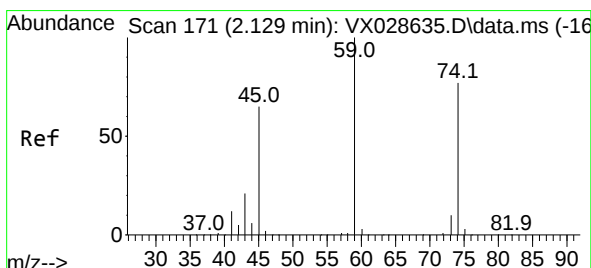
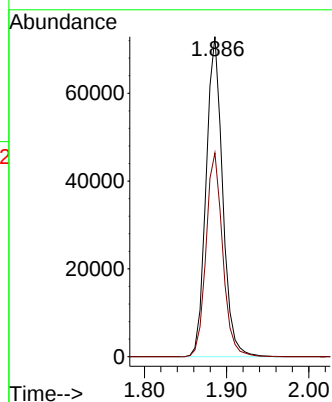
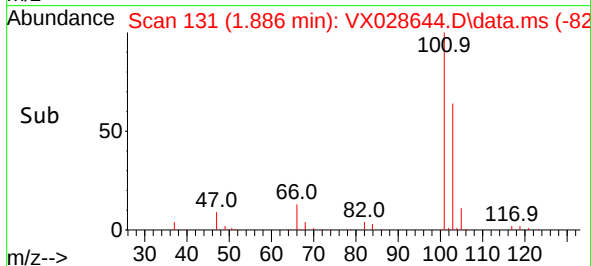
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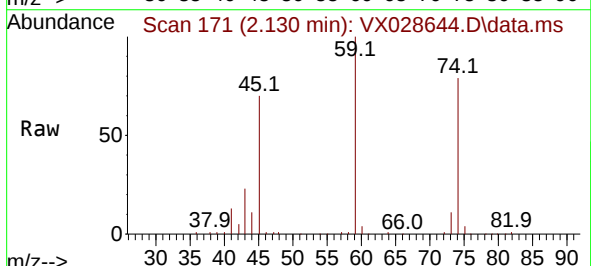
Tgt Ion:101 Resp: 101724
Ion Ratio Lower Upper
101 100
103 63.7 50.5 75.7

Manual Integrations
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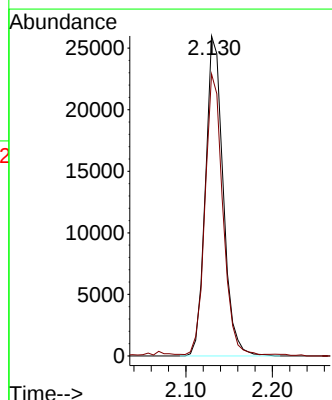
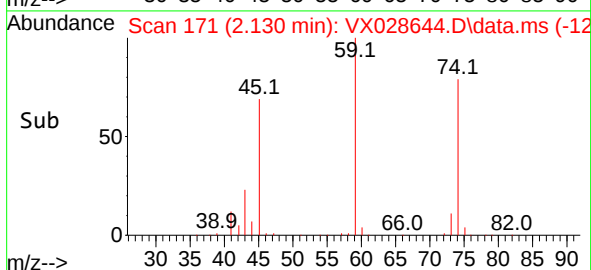
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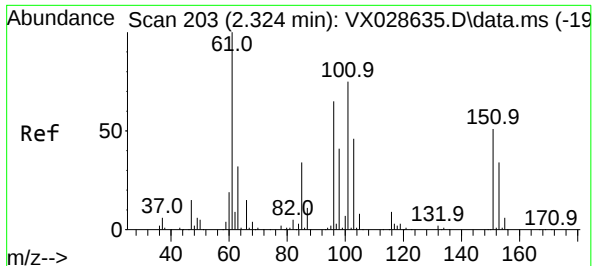


#8
Diethyl Ether
Concen: 20.287 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



Tgt Ion: 74 Resp: 36899
Ion Ratio Lower Upper
74 100
45 87.9 42.0 126.0





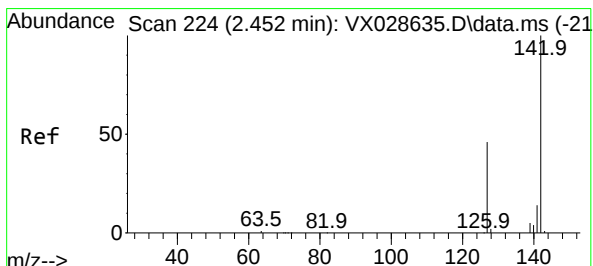
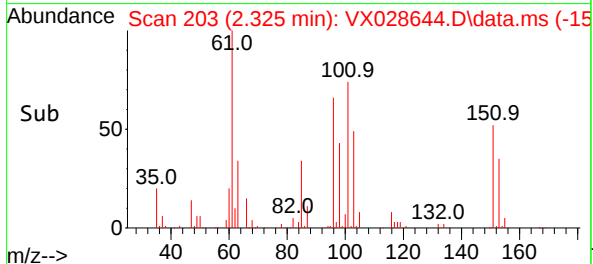
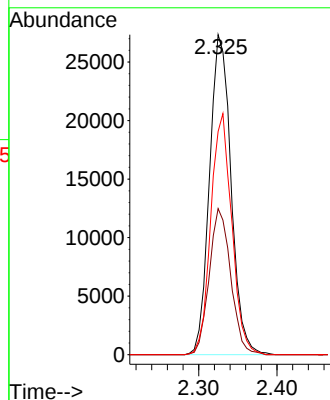
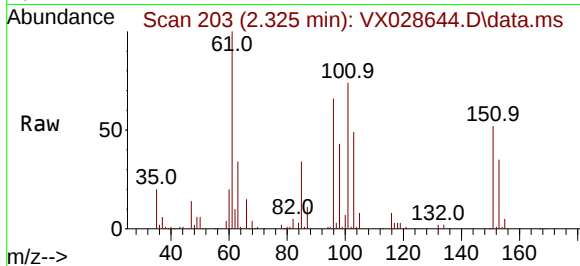
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.868 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion:101 Resp: 52189
Ion Ratio Lower Upper
101 100
85 45.5 33.5 50.3
151 73.5 61.8 92.6

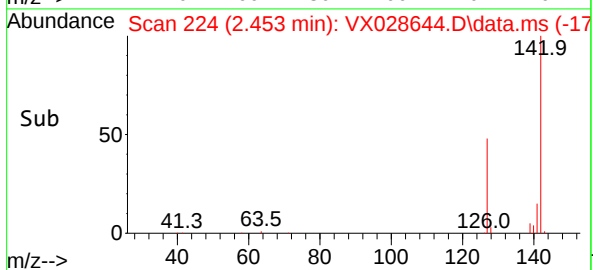
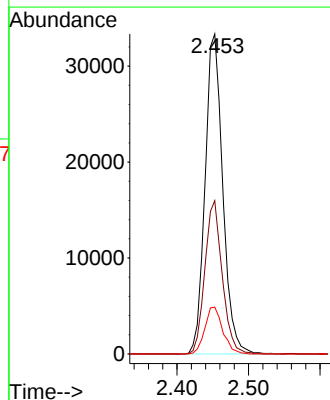
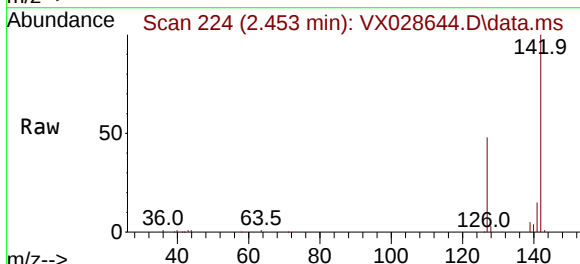
Manual Integrations
APPROVED

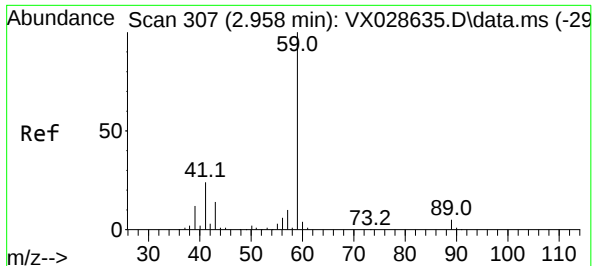
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 18.250 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Tgt Ion:142 Resp: 57395
Ion Ratio Lower Upper
142 100
127 46.9 33.9 50.9
141 14.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 103.445 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 59 Resp: 7410

Ion Ratio Lower Upper

59 100

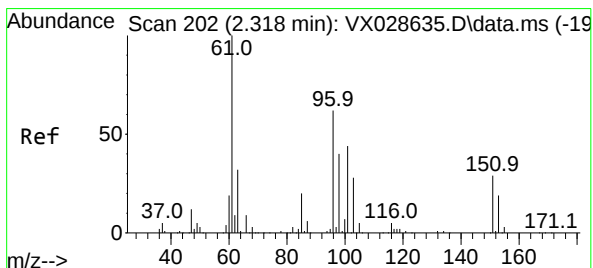
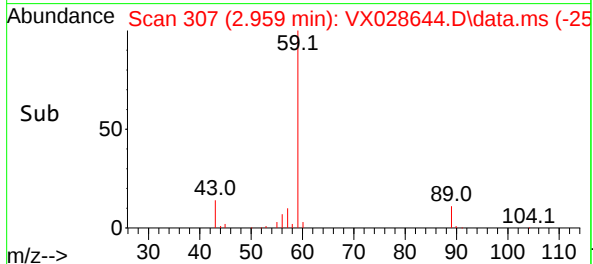
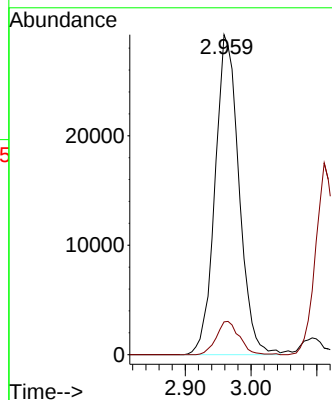
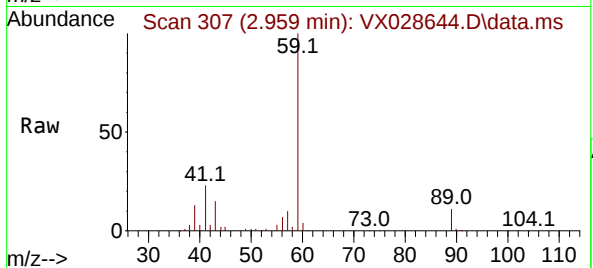
57 10.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#12

1,1-Dichloroethene

Concen: 20.047 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

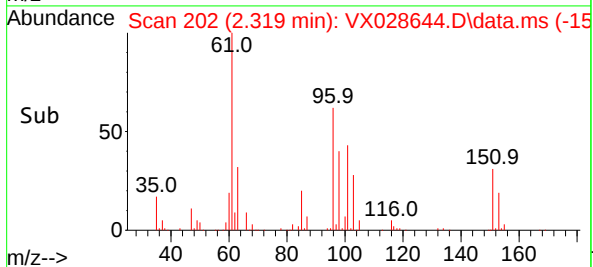
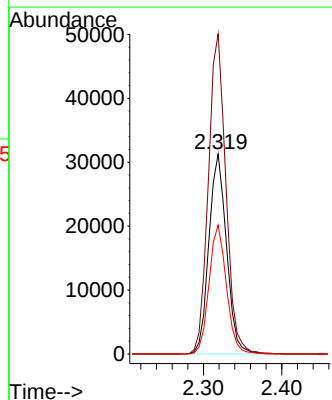
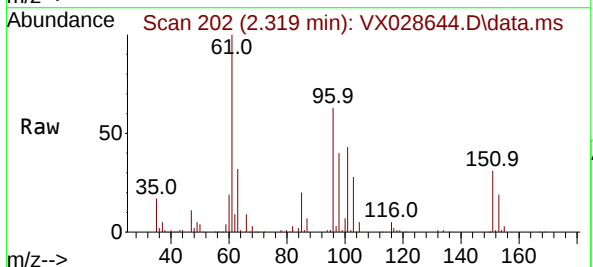
Tgt Ion: 96 Resp: 48883

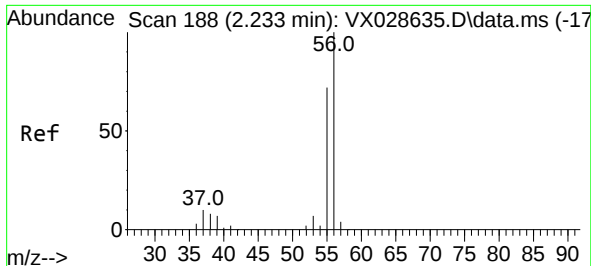
Ion Ratio Lower Upper

96 100

61 160.0 124.6 187.0

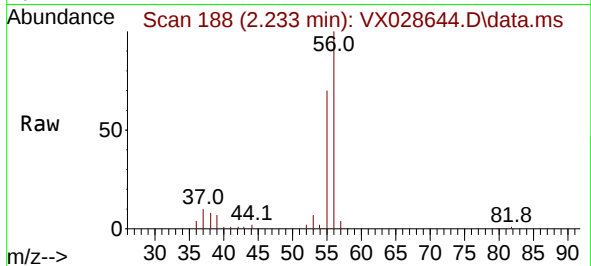
98 64.5 51.0 76.4





#13
Acrolein
Concen: 102.942 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

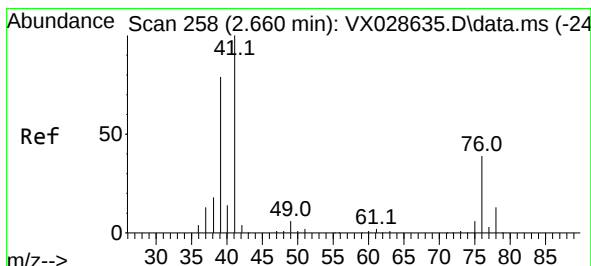
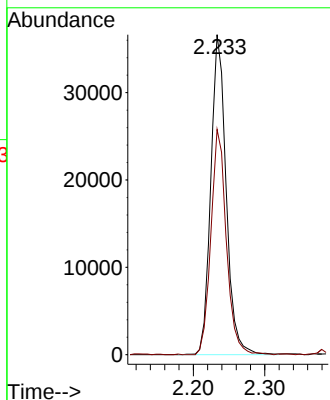
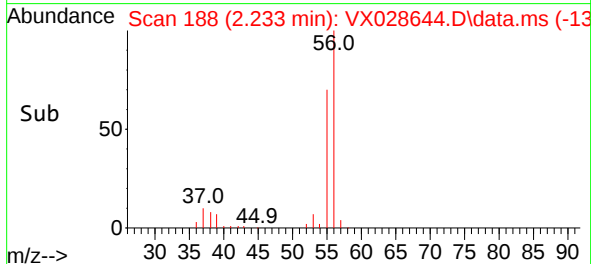
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



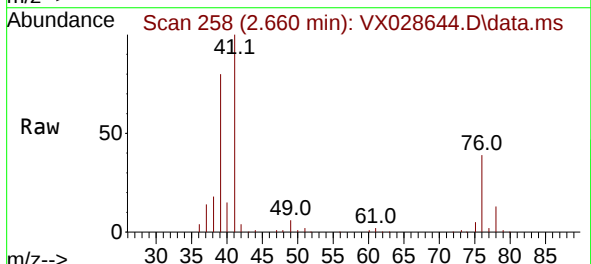
Tgt Ion: 56 Resp: 54569
Ion Ratio Lower Upper
56 100
55 71.0 55.0 82.6

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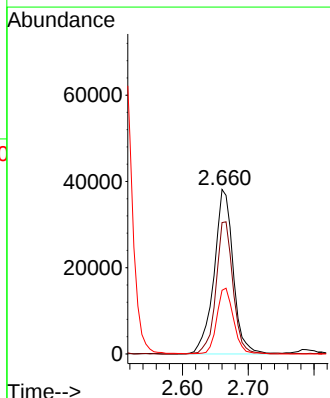
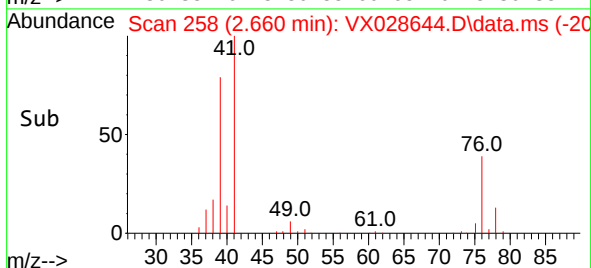
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

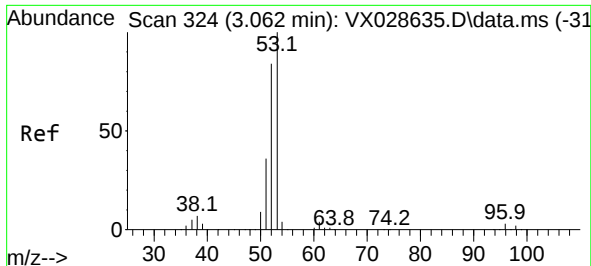


#14
Allyl chloride
Concen: 19.794 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



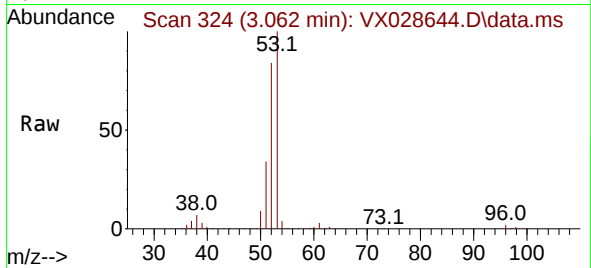
Tgt Ion: 41 Resp: 77410
Ion Ratio Lower Upper
41 100
39 71.4 50.4 75.6
76 34.8 32.7 49.1





#15
Acrylonitrile
Concen: 105.524 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

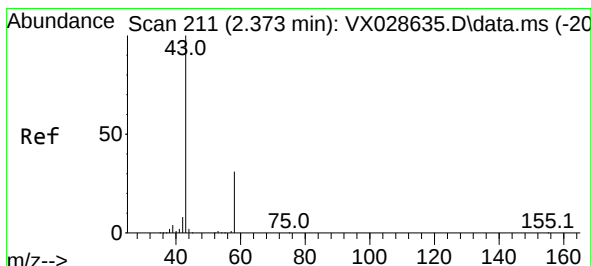
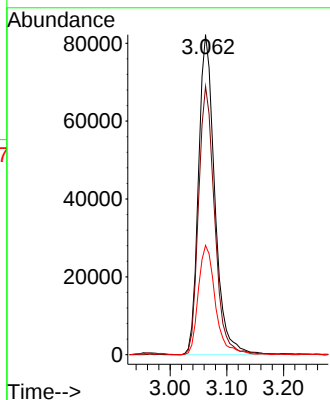
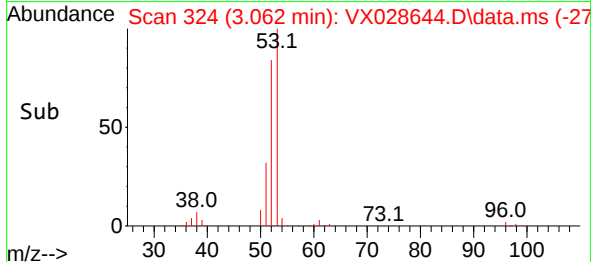
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion: 53 Resp: 16419
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 35.7 28.4 42.6

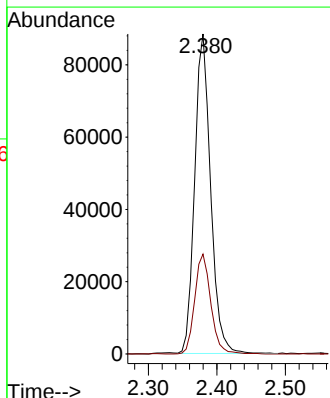
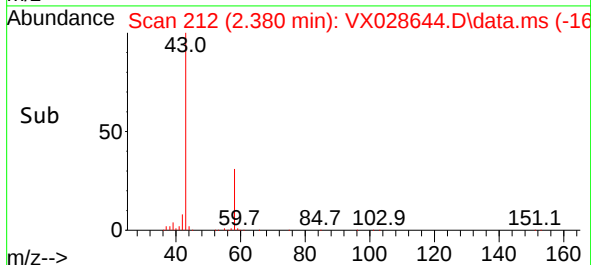
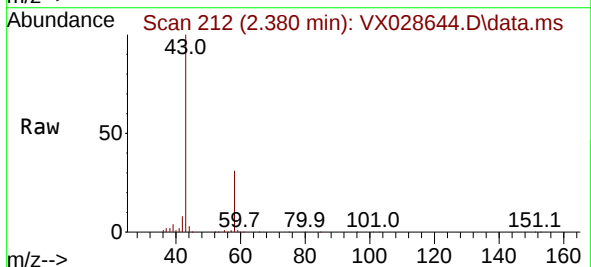
Manual Integrations
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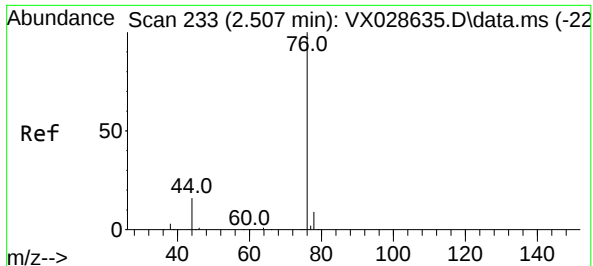
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 103.494 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Tgt Ion: 43 Resp: 143448
Ion Ratio Lower Upper
43 100
58 31.3 28.8 43.2





#17

Carbon Disulfide

Concen: 19.538 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 76 Resp: 123494

Ion Ratio Lower Upper

76 100

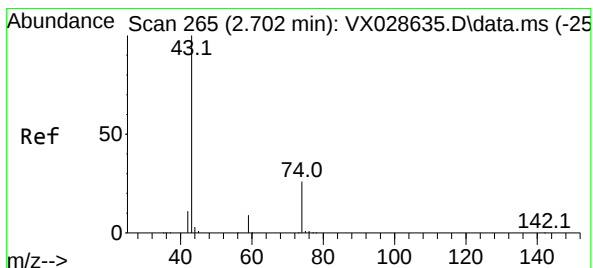
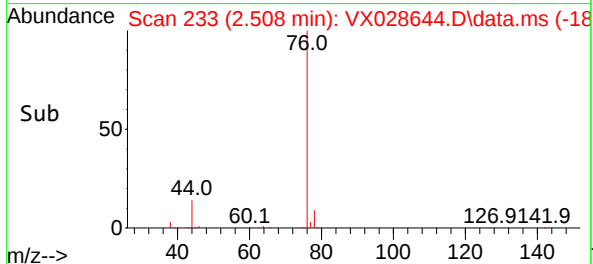
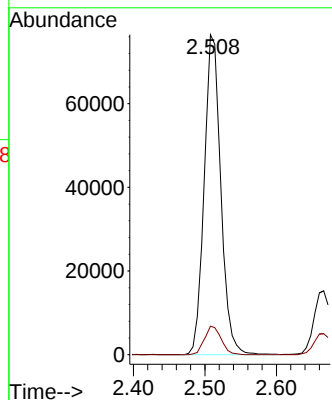
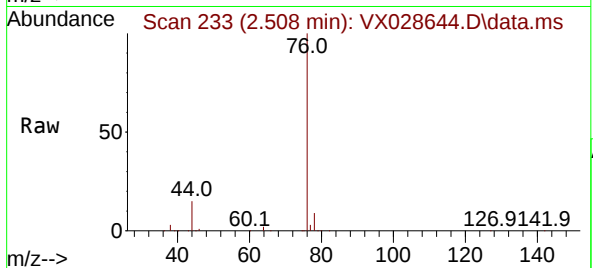
78 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#18

Methyl Acetate

Concen: 21.517 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.001 min

Lab File: VX028644.D

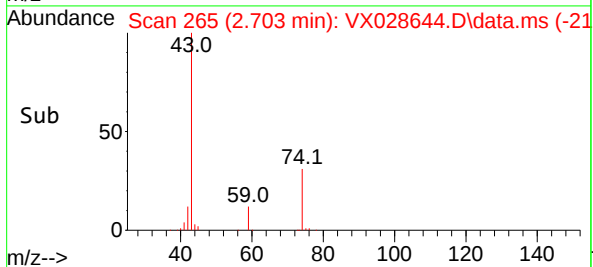
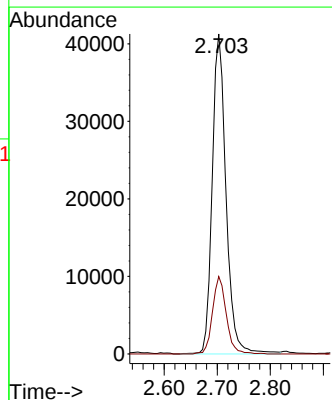
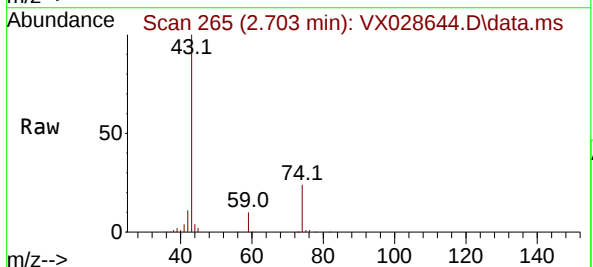
Acq: 12 May 2022 17:39

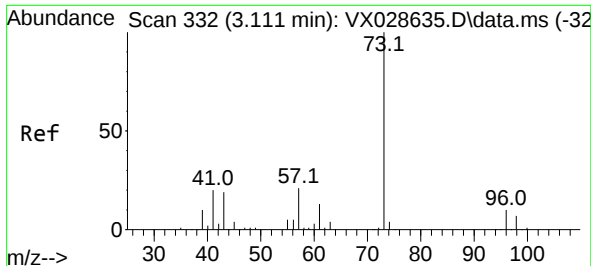
Tgt Ion: 43 Resp: 74697

Ion Ratio Lower Upper

43 100

74 24.1 22.8 34.2





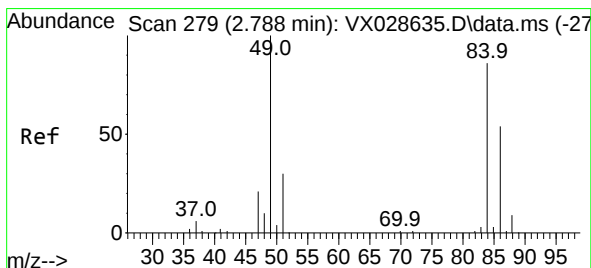
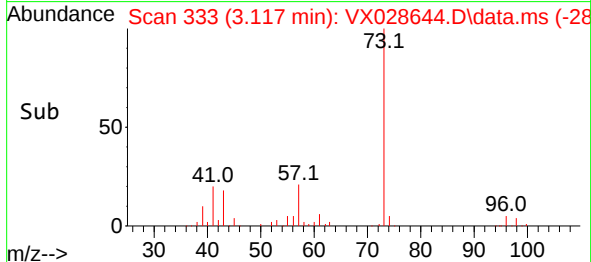
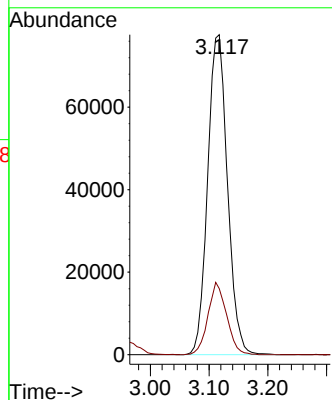
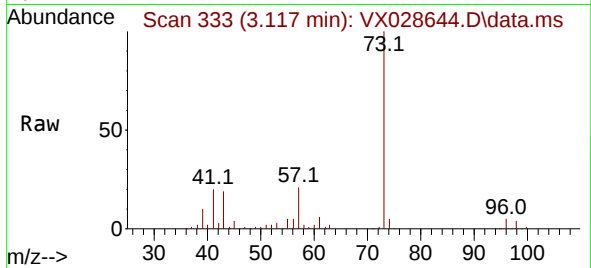
#19
Methyl tert-butyl Ether
Concen: 20.954 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion: 73 Resp: 181310
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2

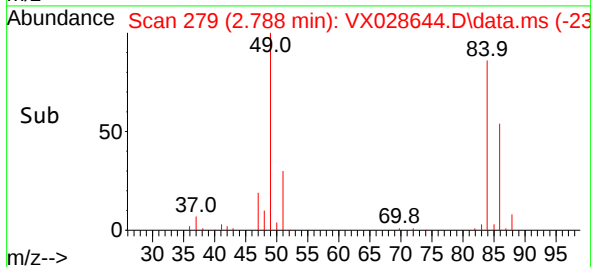
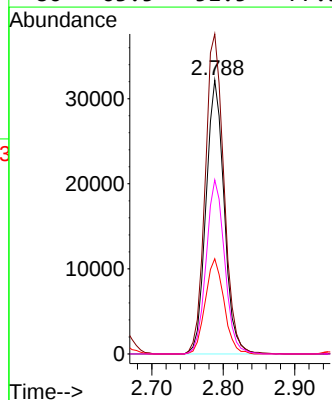
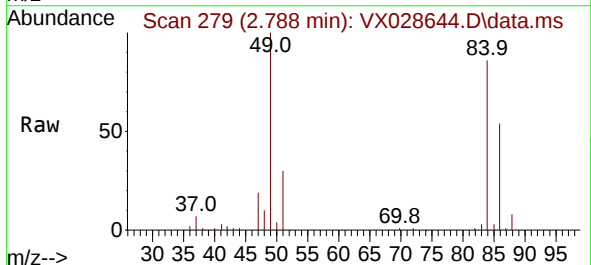
Manual Integrations
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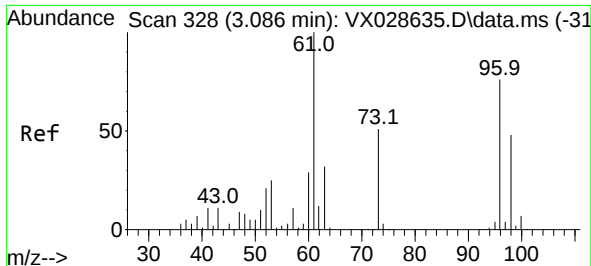
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 19.550 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

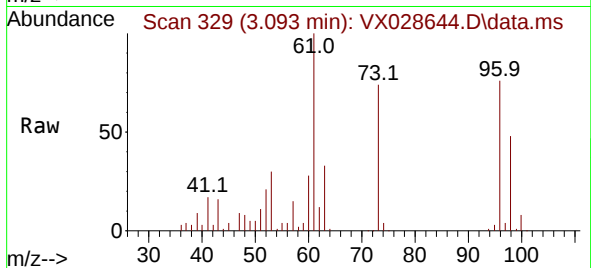
Tgt Ion: 84 Resp: 56849
Ion Ratio Lower Upper
84 100
49 116.8 85.5 128.3
51 34.7 26.6 39.8
86 63.5 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 20.024 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

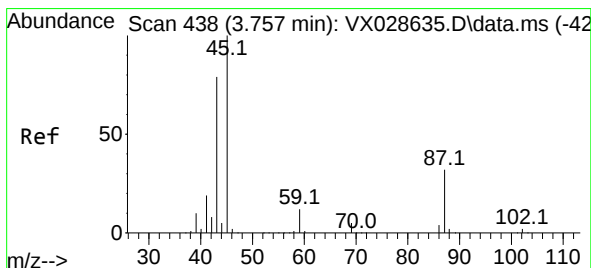
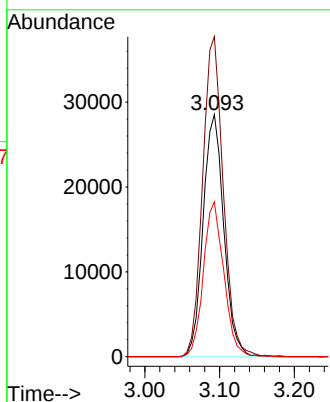
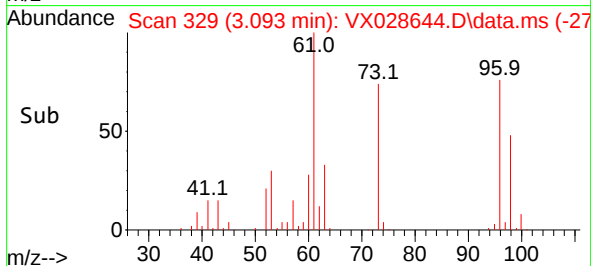
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion: 96 Resp: 5499
Ion Ratio Lower Upper
96 100
61 132.1 105.4 158.2
98 64.0 50.0 75.0

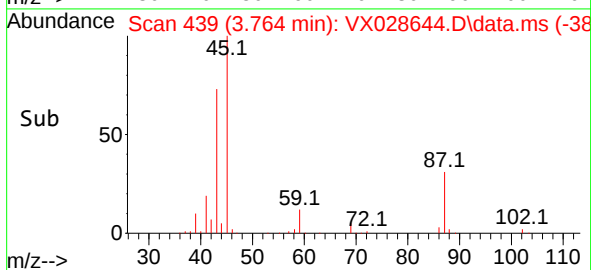
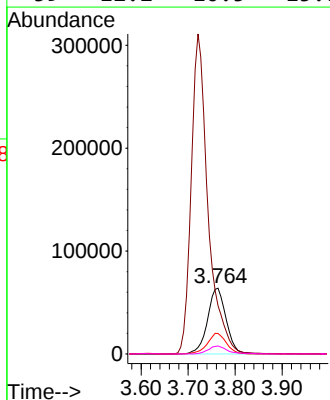
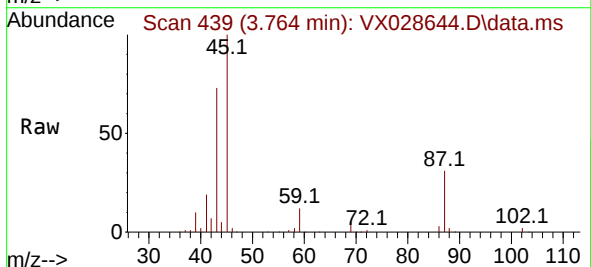
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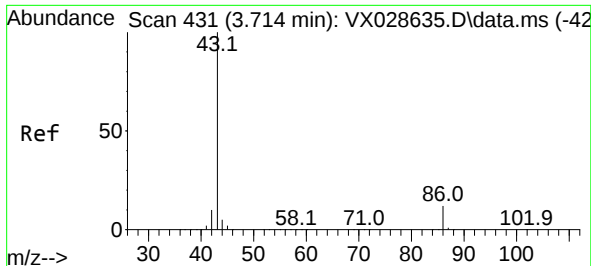
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 20.887 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

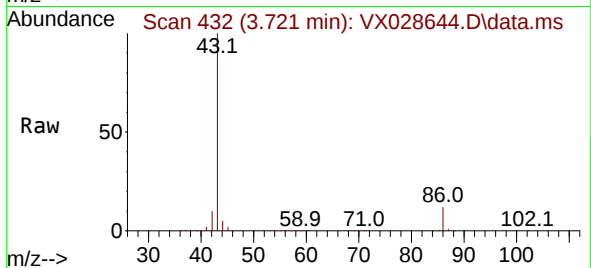
Tgt Ion: 45 Resp: 174563
Ion Ratio Lower Upper
45 100
43 72.6 50.8 76.2
87 31.2 26.6 39.8
59 12.2 10.5 15.7





#23
 Vinyl Acetate
 Concen: 107.595 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028644.D
 Acq: 12 May 2022 17:39

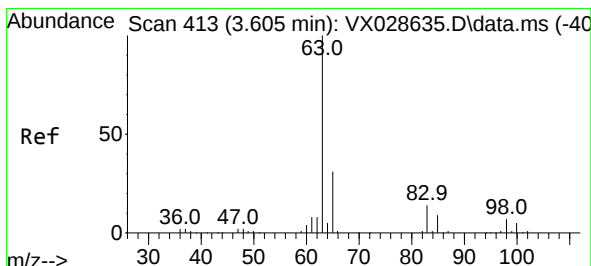
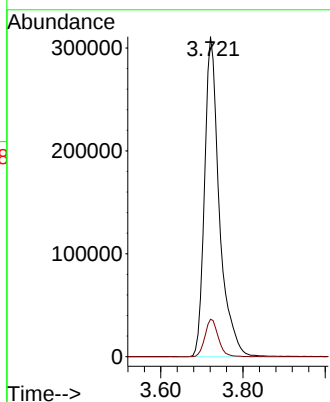
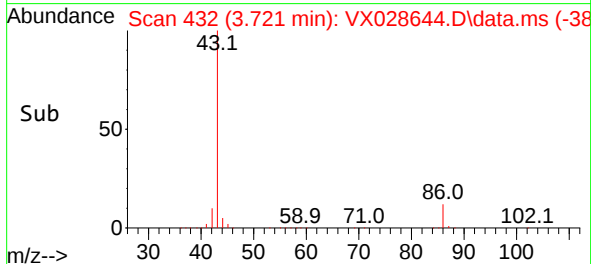
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01



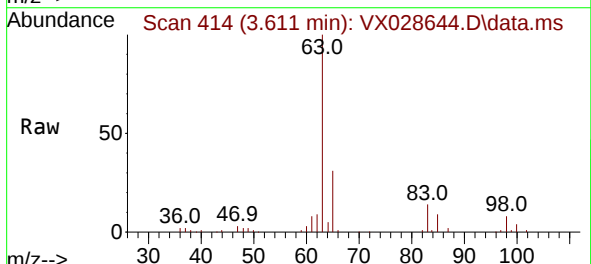
Tgt Ion: 43 Resp: 775194
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.8 16.2

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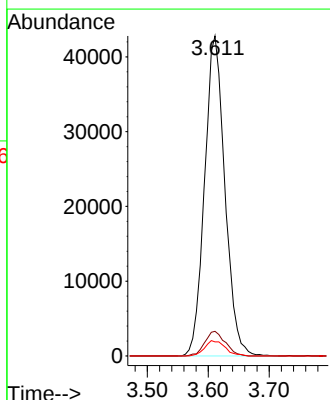
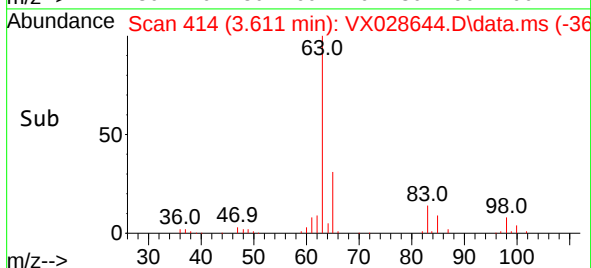
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

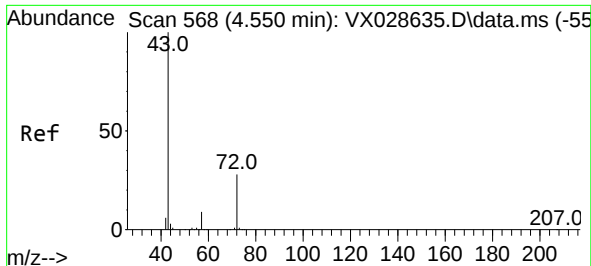


#24
 1,1-Dichloroethane
 Concen: 20.419 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028644.D
 Acq: 12 May 2022 17:39



Tgt Ion: 63 Resp: 99210
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.4 2.4 7.2





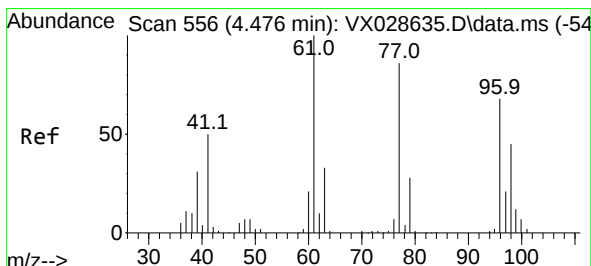
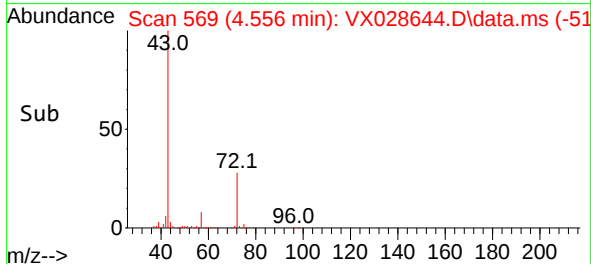
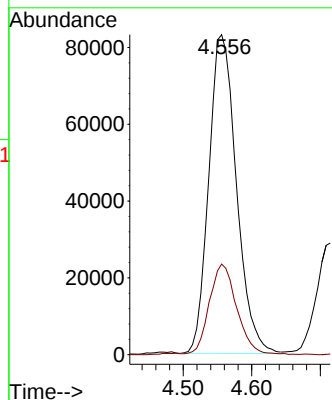
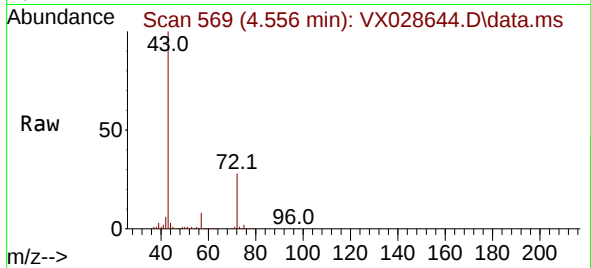
#25
2-Butanone
Concen: 106.976 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion: 43 Resp: 23274
Ion Ratio Lower Upper
43 100
72 28.1 24.4 36.6

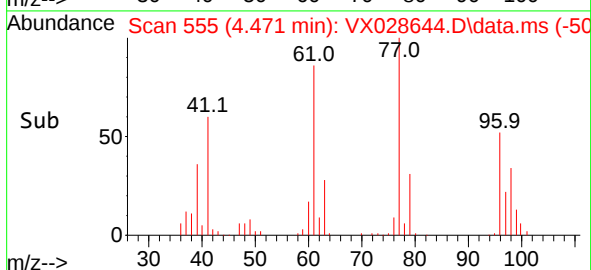
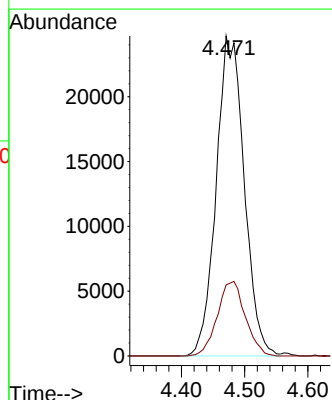
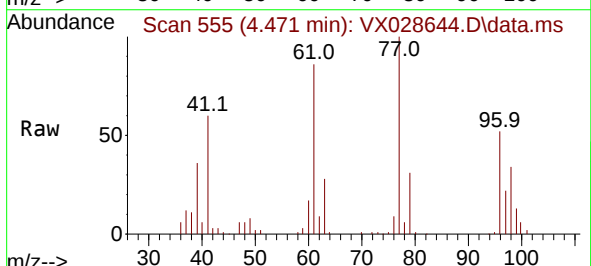
Manual Integrations
APPROVED

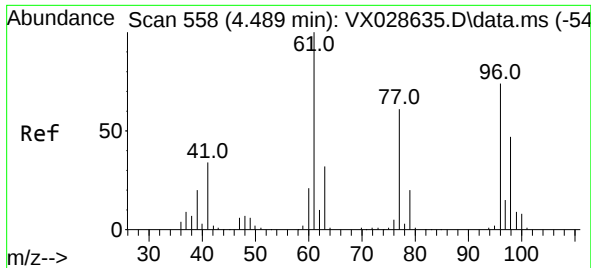
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 19.893 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.005 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Tgt Ion: 77 Resp: 75782
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.766 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 96 Resp: 63400

Ion Ratio Lower Upper

96 100

61 144.4 0.0 283.8

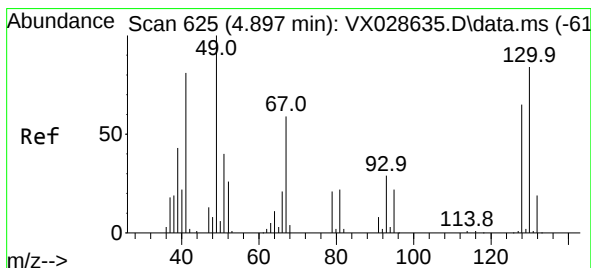
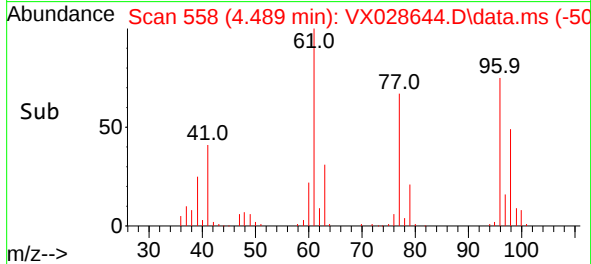
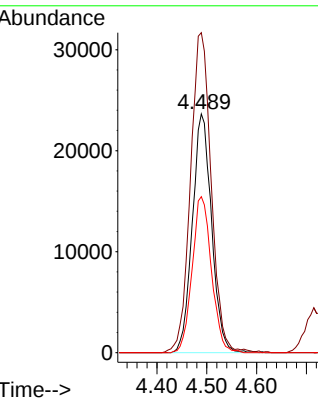
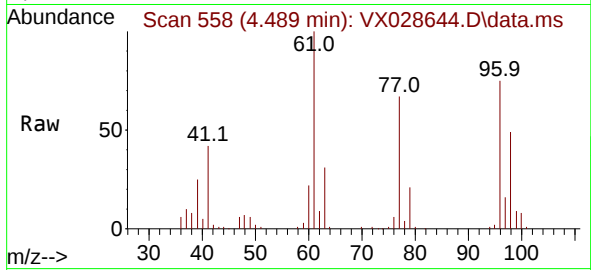
98 65.5 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 20.939 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

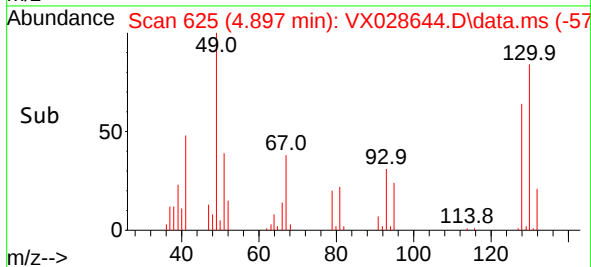
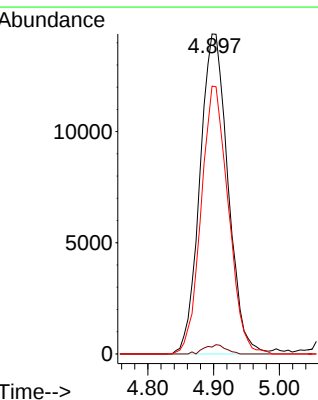
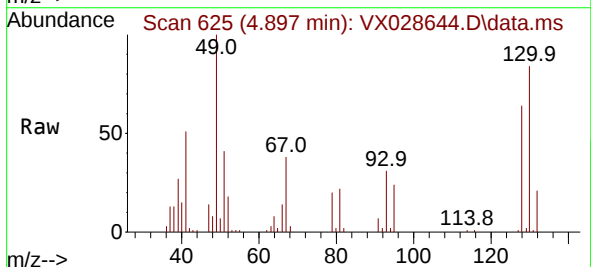
Tgt Ion: 49 Resp: 42823

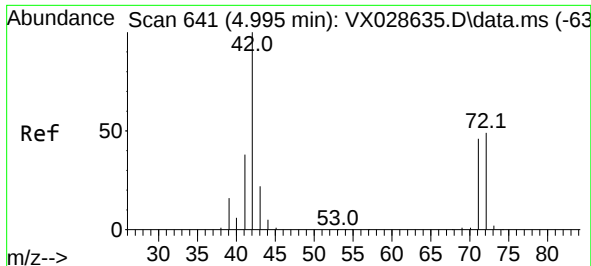
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 80.9 70.7 106.1





#29

Tetrahydrofuran

Concen: 107.129 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 42 Resp: 15150

Ion Ratio Lower Upper

42 100

72 48.5 44.1 66.1

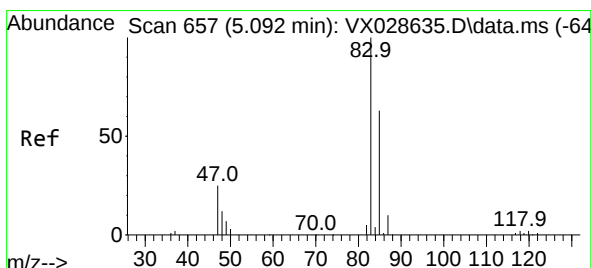
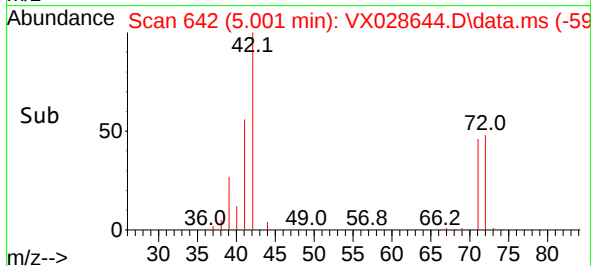
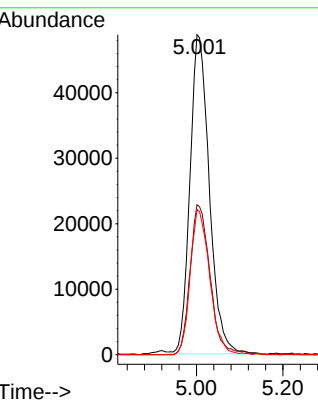
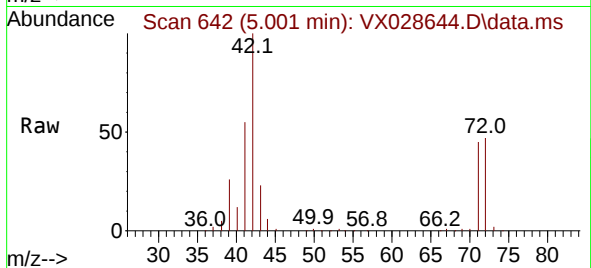
71 45.5 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 20.232 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX028644.D

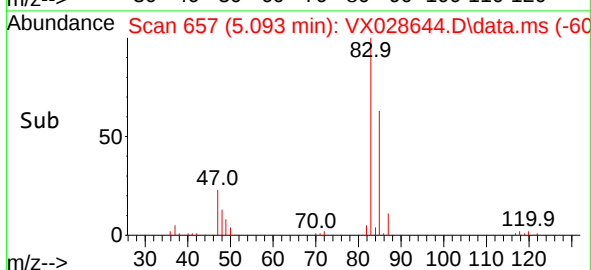
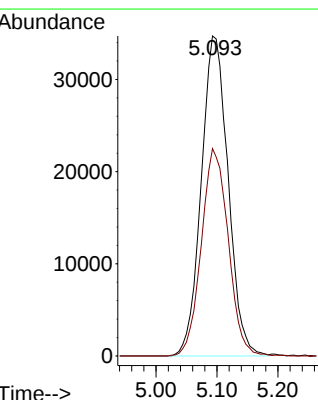
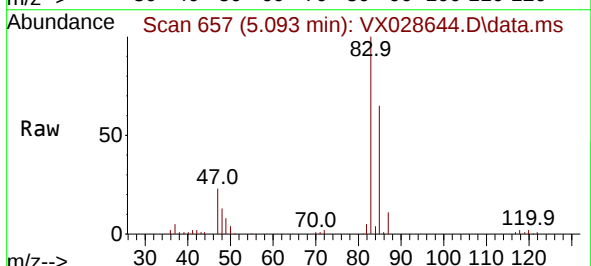
Acq: 12 May 2022 17:39

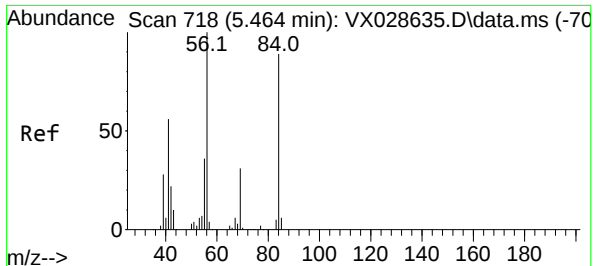
Tgt Ion: 83 Resp: 106384

Ion Ratio Lower Upper

83 100

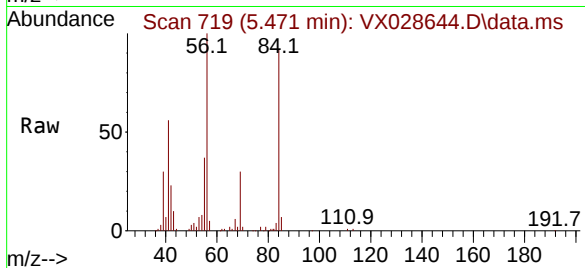
85 64.8 52.7 79.1





#31
Cyclohexane
Concen: 20.015 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

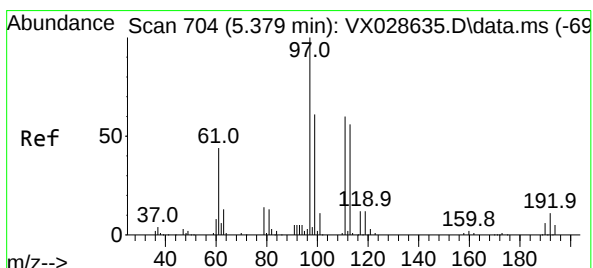
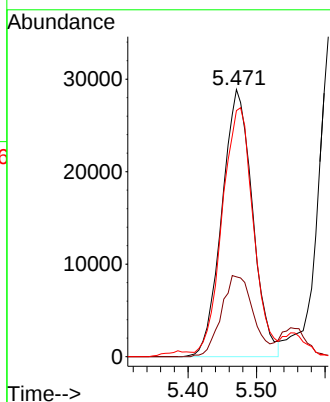
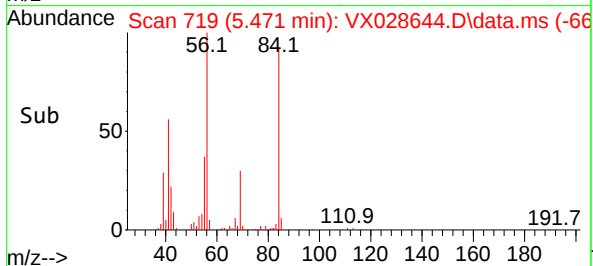
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



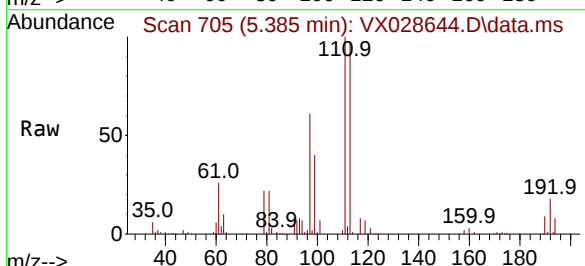
Tgt Ion: 56 Resp: 89725
Ion Ratio Lower Upper
56 100
69 29.9 26.7 40.1
84 89.9 77.2 115.8

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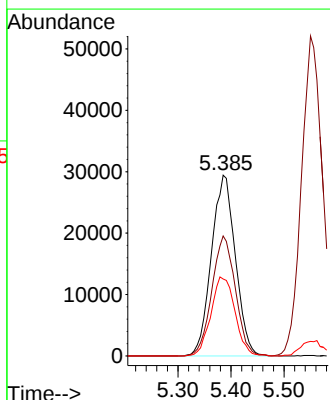
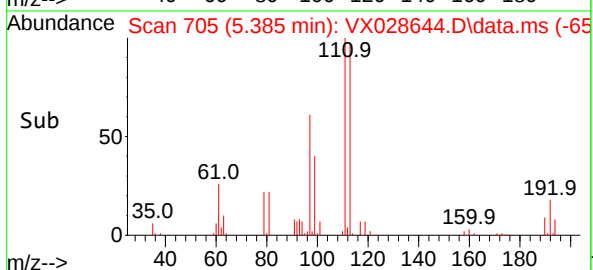
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

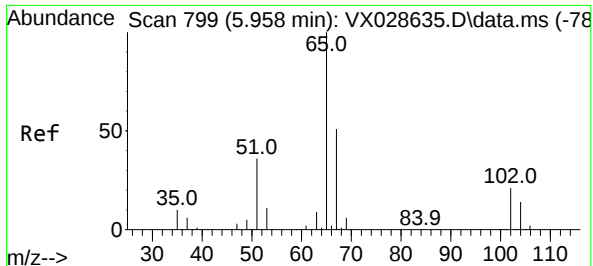


#32
1,1,1-Trichloroethane
Concen: 20.134 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



Tgt Ion: 97 Resp: 92423
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 43.9 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 53.668 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 65 Resp: 17332

Ion Ratio Lower Upper

65 100

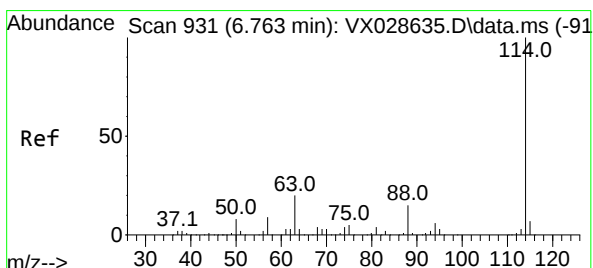
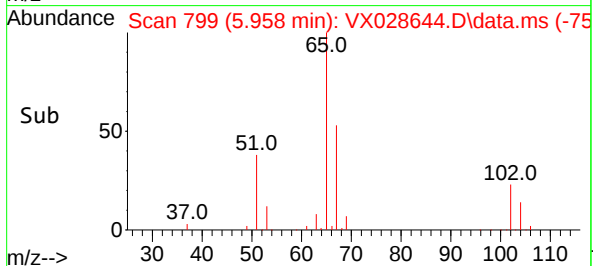
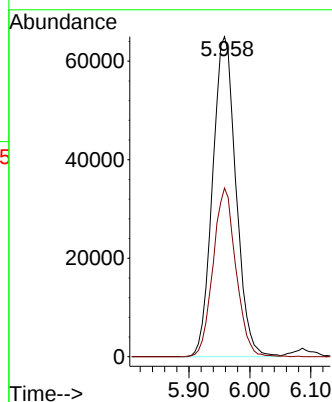
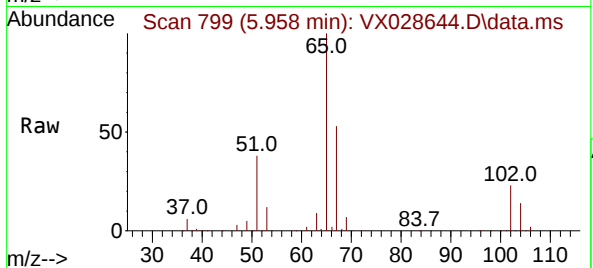
67 51.4 0.0 107.4

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: VX028644.D

Acq: 12 May 2022 17:39

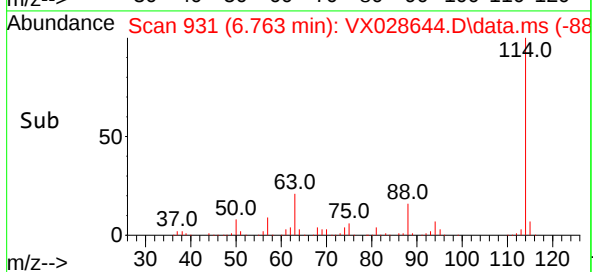
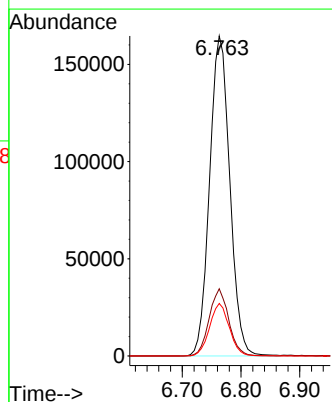
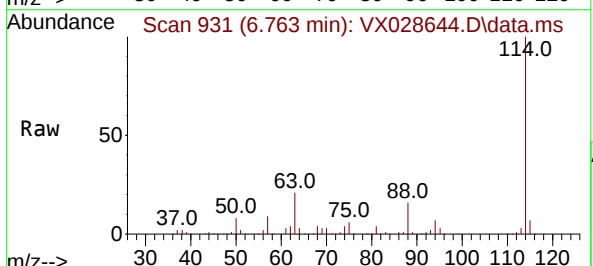
Tgt Ion:114 Resp: 393050

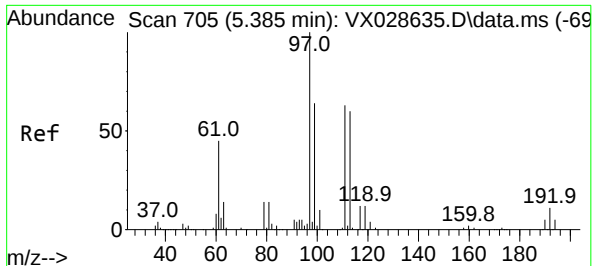
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.8

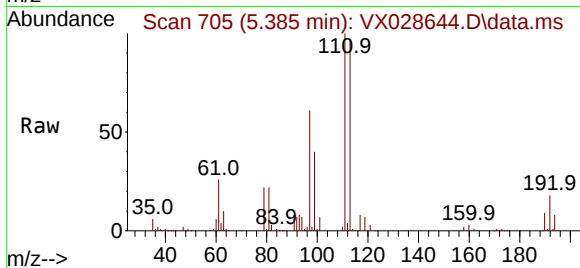
88 16.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 54.181 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

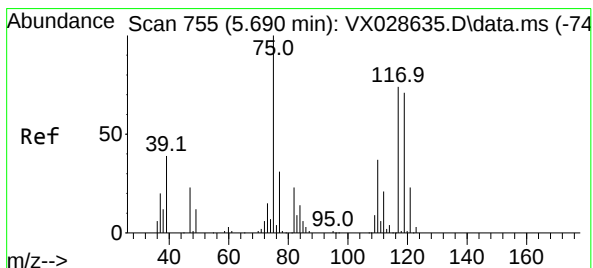
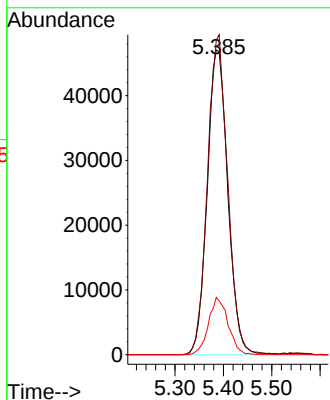
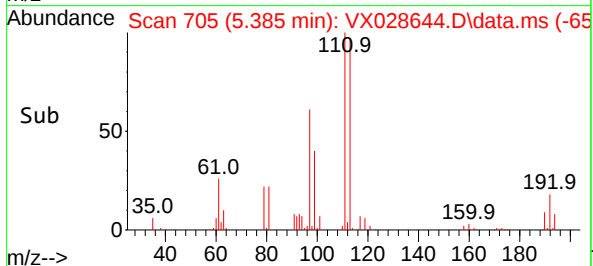
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion: 113 Resp: 13952
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 17.8 16.9 25.3

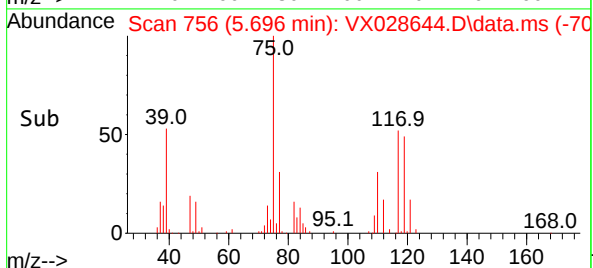
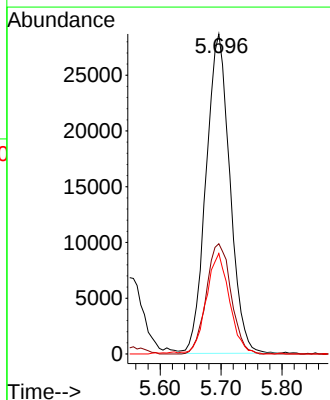
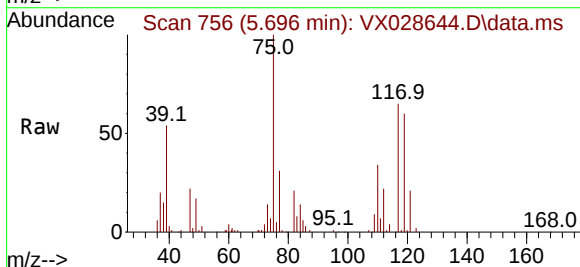
Manual Integrations
APPROVED

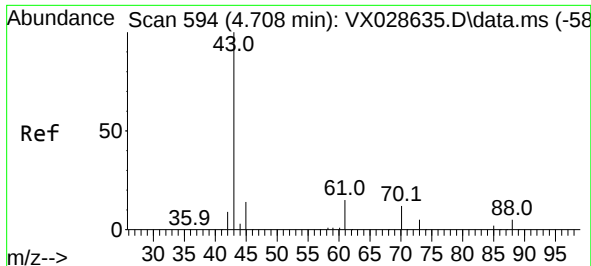
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#36
1,1-Dichloropropene
Concen: 20.127 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Tgt Ion: 75 Resp: 77848
Ion Ratio Lower Upper
75 100
110 35.9 18.3 54.8
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 21.960 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.007 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

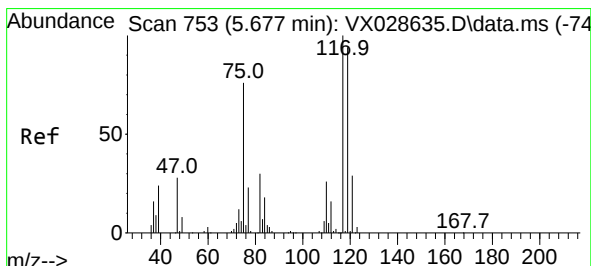
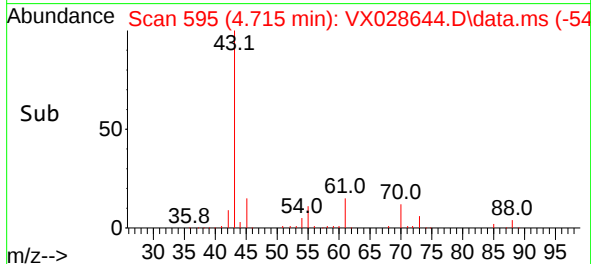
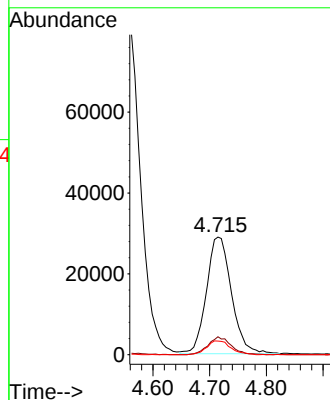
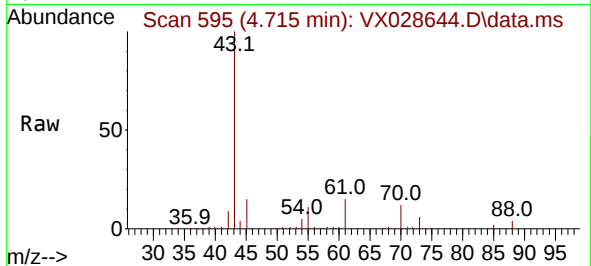
ClientSampleId :

VX0512WBSD01

Tgt Ion: 43	Resp: 8871
Ion Ratio	Lower Upper
43	100
61	14.1 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: 20.360 ug/l

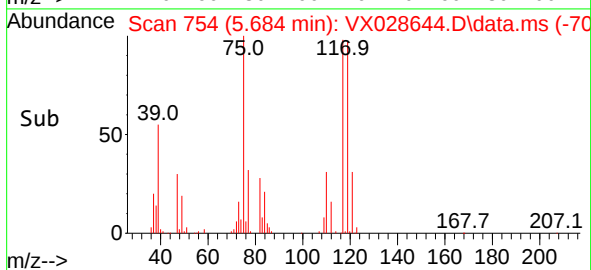
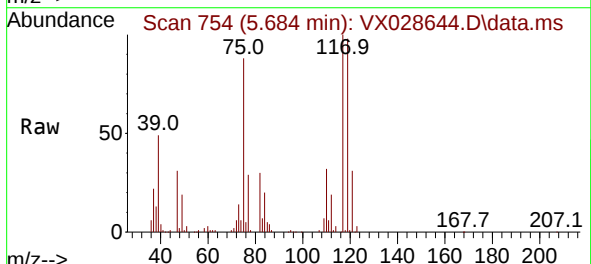
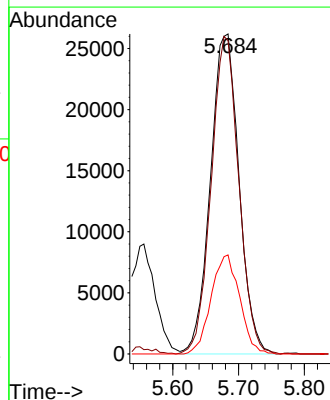
RT: 5.684 min Scan# 754

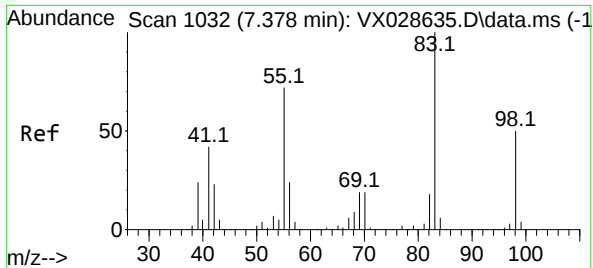
Delta R.T. 0.007 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Tgt Ion: 117	Resp: 79253
Ion Ratio	Lower Upper
117	100
119	97.9 77.3 115.9
121	30.9 24.2 36.2





#39
Methylcyclohexane
Concen: 20.379 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

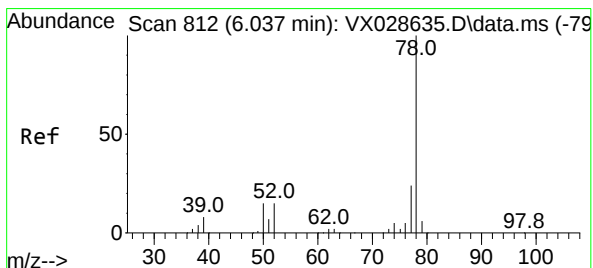
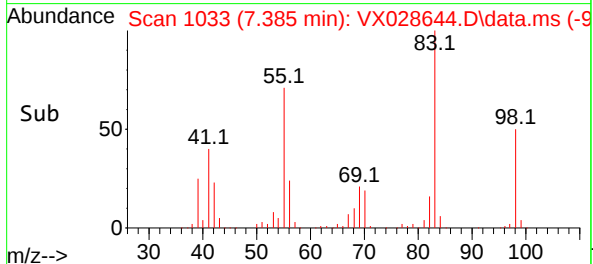
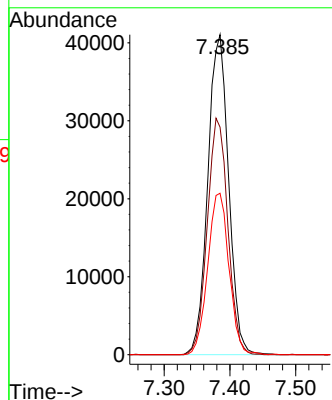
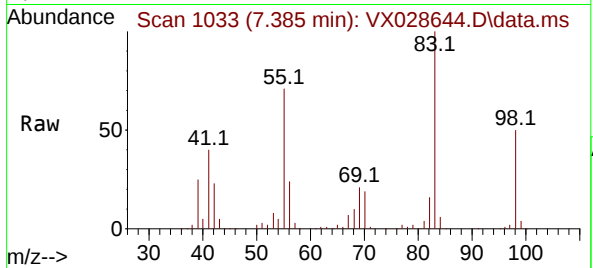
VX0512WBSD01

Tgt Ion: 83 Resp: 9039
Ion Ratio Lower Upper
83 100
55 71.1 54.6 81.8
98 50.5 37.4 56.2

Manual Integrations

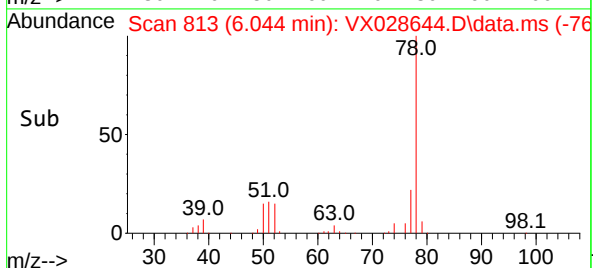
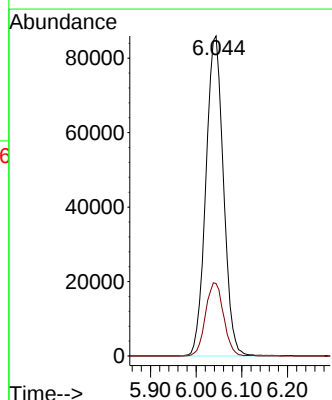
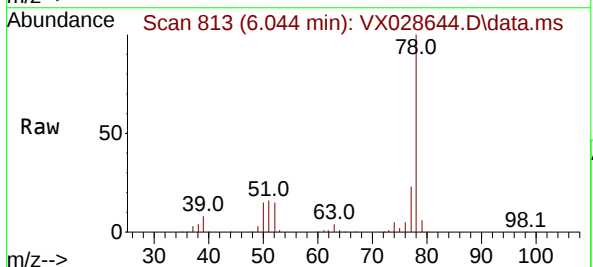
APPROVED

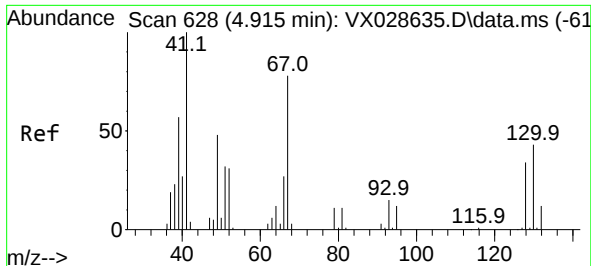
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 20.700 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

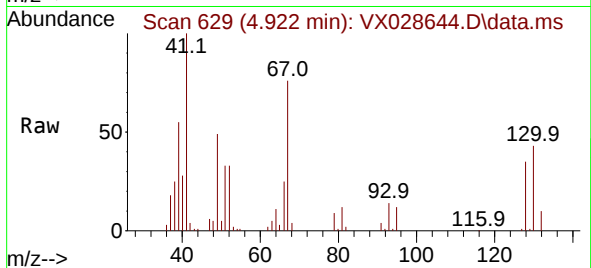
Tgt Ion: 78 Resp: 230108
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9





#41
Methacrylonitrile
Concen: 20.978 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

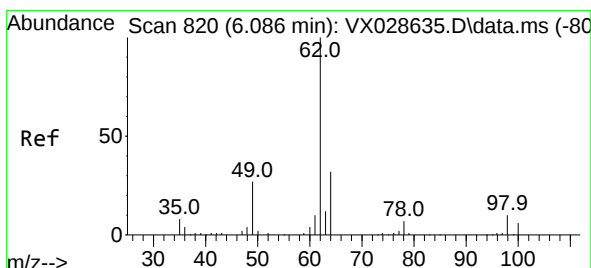
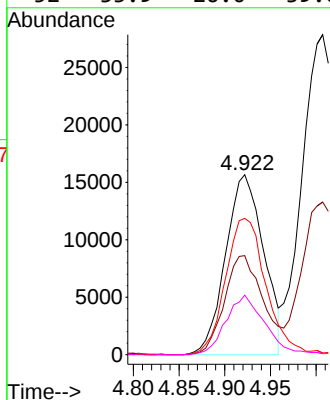
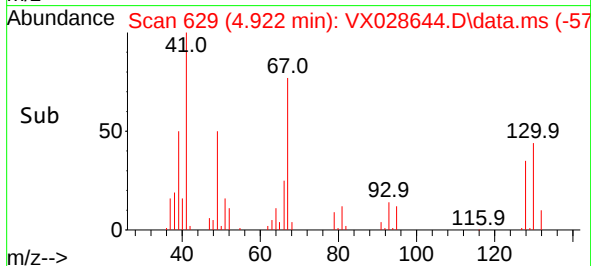
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion: 41 Resp: 4544
Ion Ratio Lower Upper
41 100
39 56.8 43.0 64.4
67 81.0 70.2 105.4
52 33.9 26.0 39.0

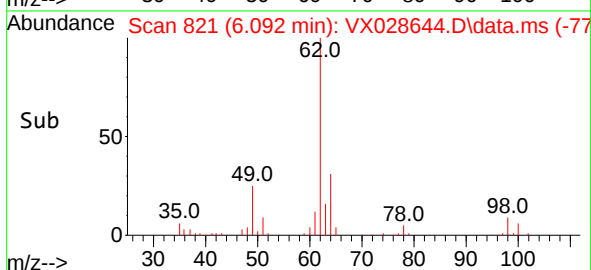
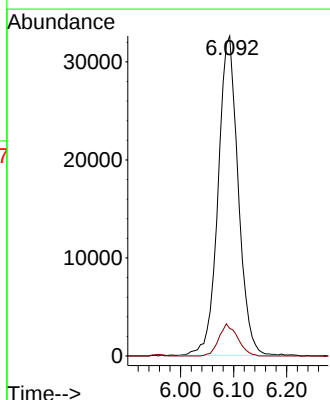
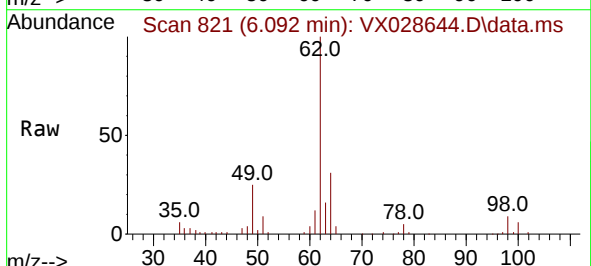
Manual Integrations
APPROVED

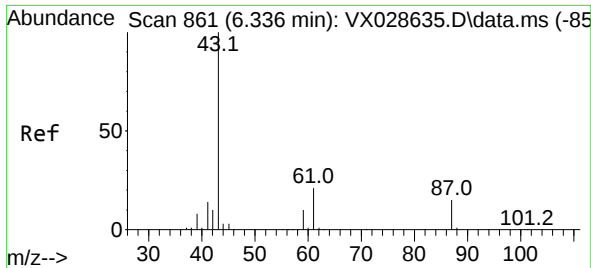
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 20.903 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

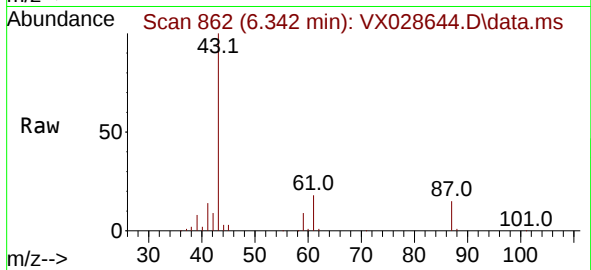
Tgt Ion: 62 Resp: 85708
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.4





#43
Isopropyl Acetate
Concen: 21.506 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

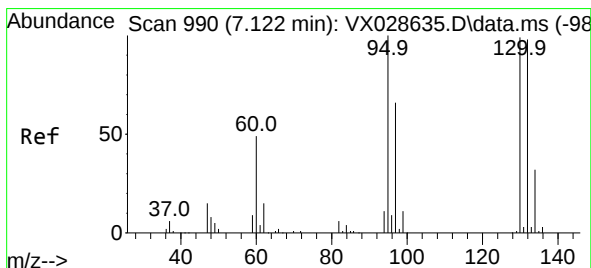
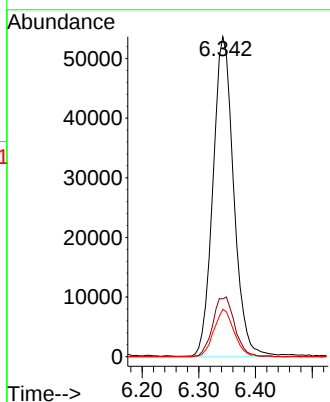
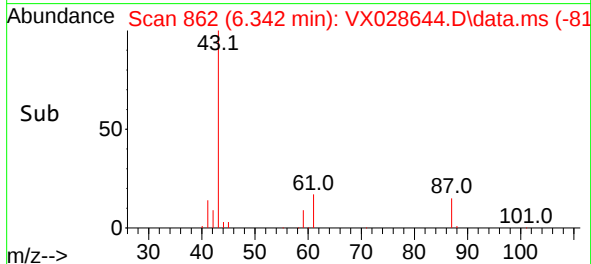
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion: 43 Resp: 13592
Ion Ratio Lower Upper
43 100
61 19.7 18.5 27.7
87 14.5 13.0 19.6

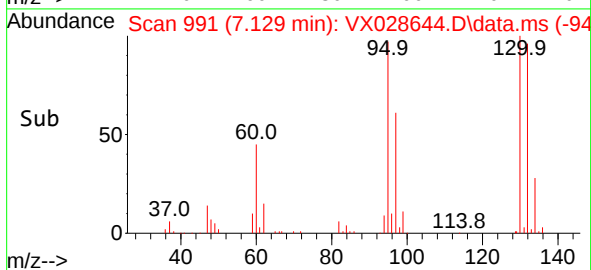
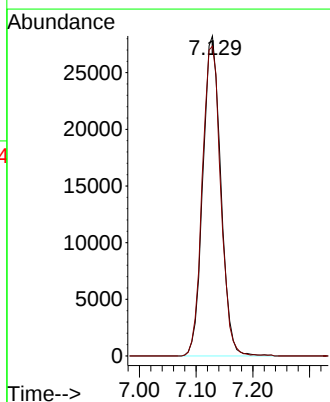
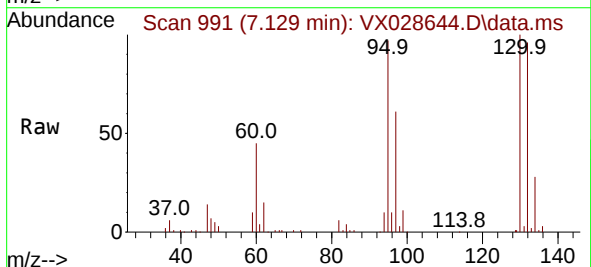
Manual Integrations
APPROVED

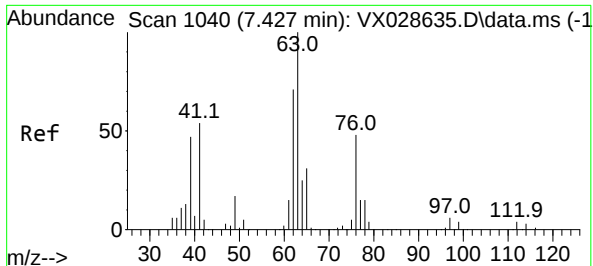
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 20.595 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Tgt Ion:130 Resp: 62090
Ion Ratio Lower Upper
130 100
95 96.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 20.720 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 63 Resp: 5746

Ion Ratio Lower Upper

63 100

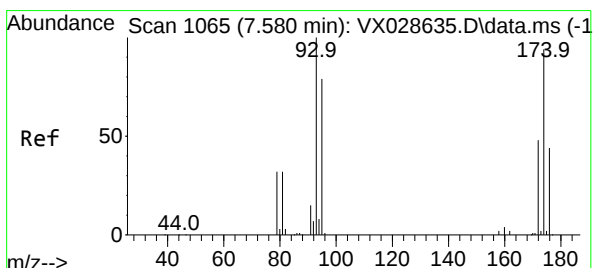
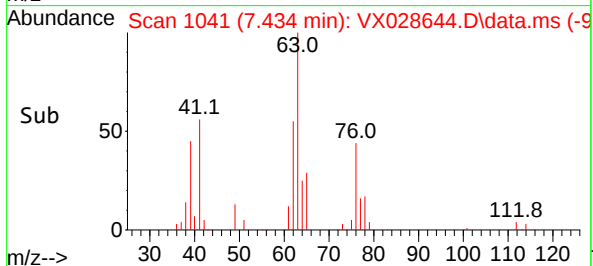
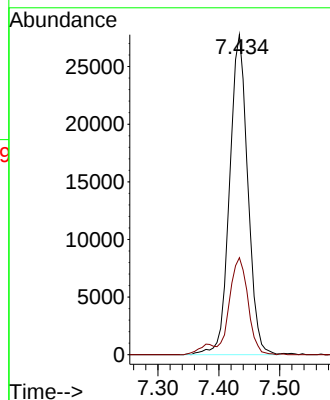
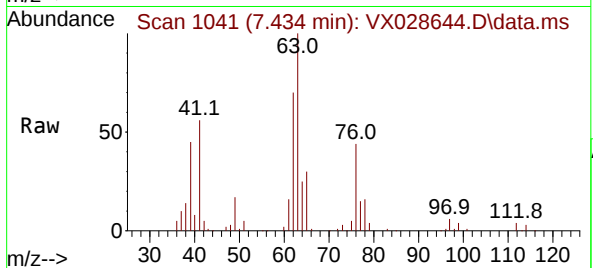
65 30.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 20.862 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

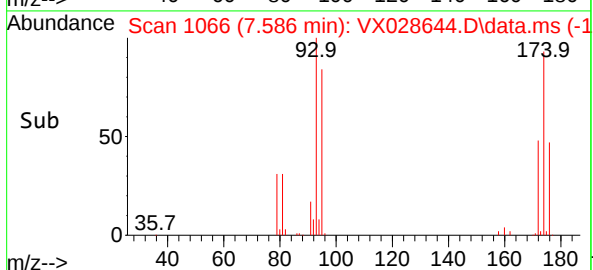
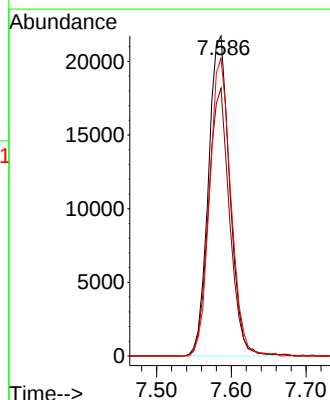
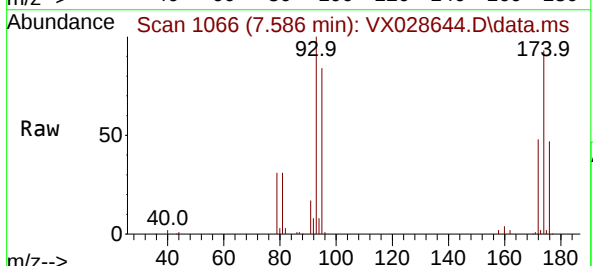
Tgt Ion: 93 Resp: 43210

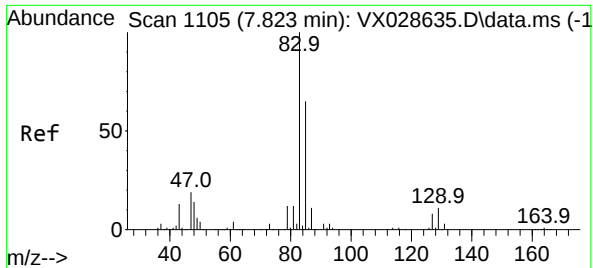
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 92.3 85.4 128.2





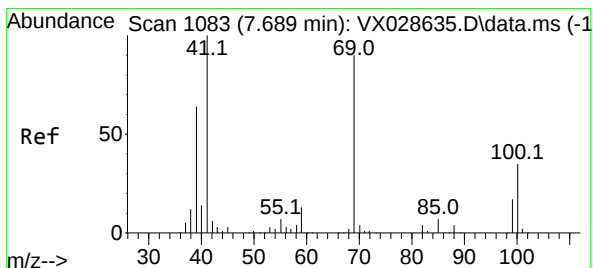
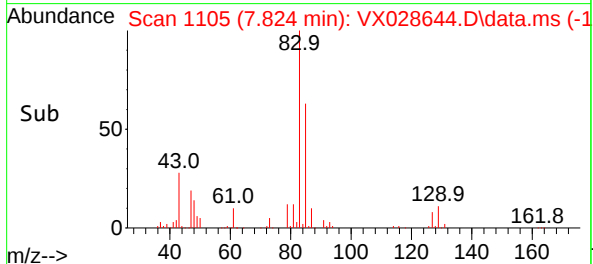
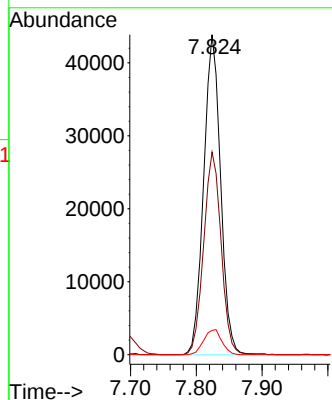
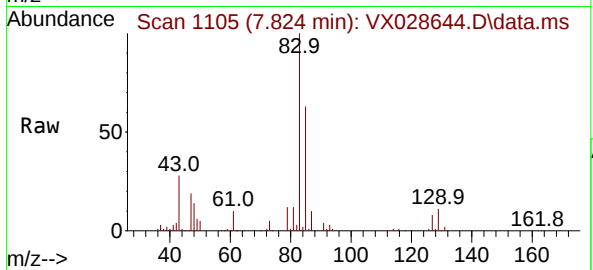
#47
Bromodichloromethane
Concen: 20.400 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion: 83 Resp: 7844
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.2
127 7.6 6.8 10.2

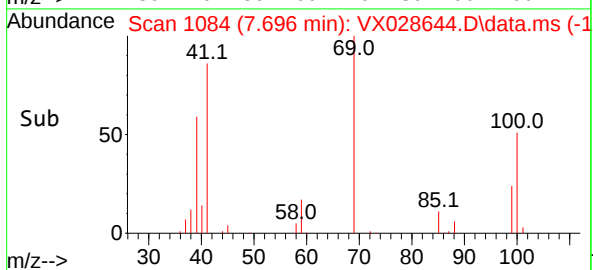
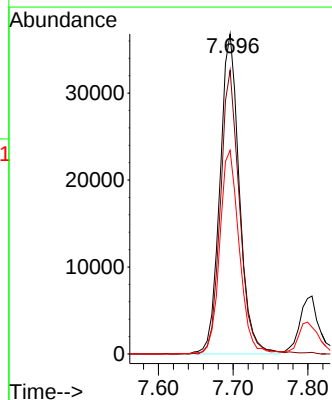
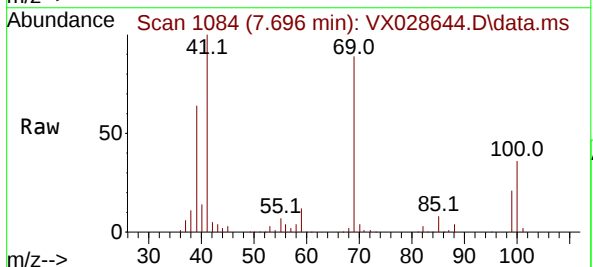
Manual Integrations
APPROVED

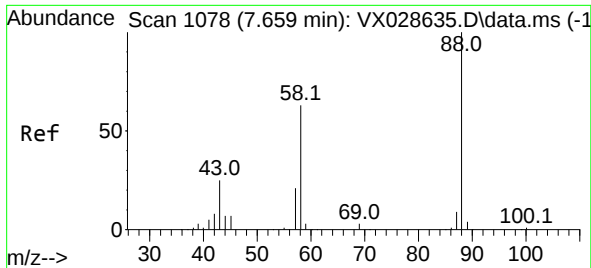
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#48
Methyl methacrylate
Concen: 21.818 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

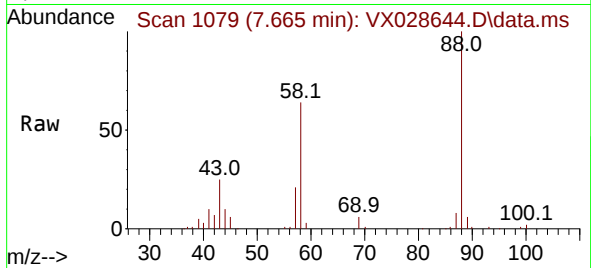
Tgt Ion: 41 Resp: 66613
Ion Ratio Lower Upper
41 100
69 86.9 82.5 123.7
39 64.0 43.8 65.8





#49
1,4-Dioxane
Concen: 430.080 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

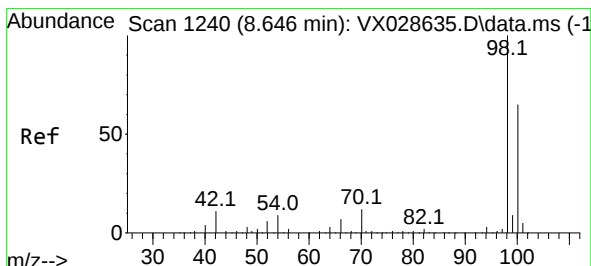
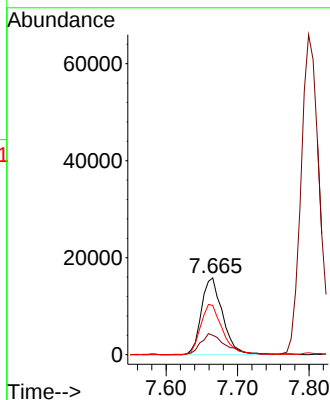
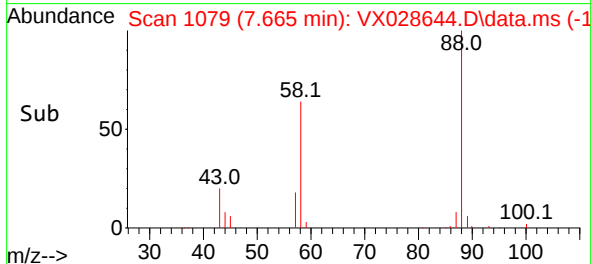
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



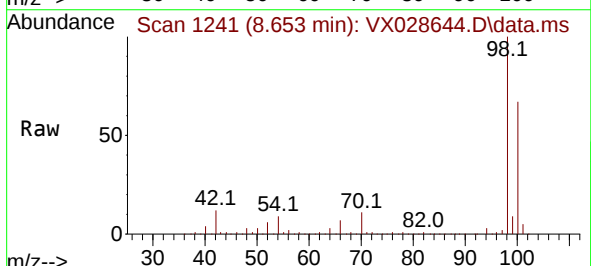
Tgt Ion: 88 Resp: 32804
Ion Ratio Lower Upper
88 100
43 32.3 21.9 32.9
58 67.5 53.7 80.5

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APPROVED

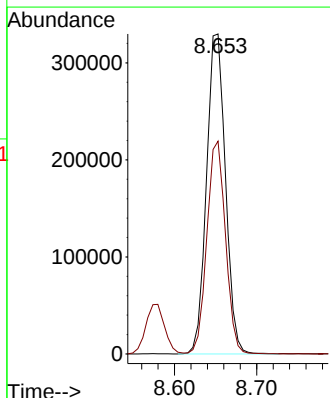
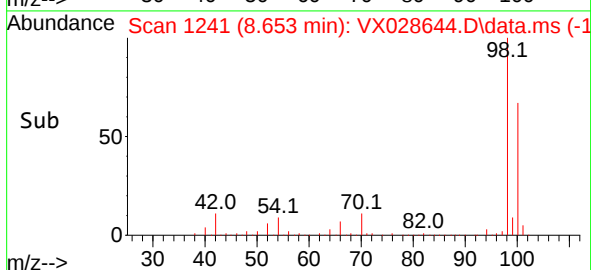
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

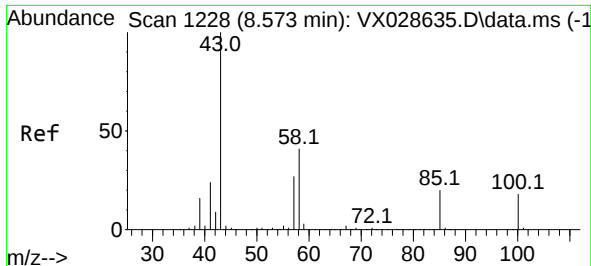


#50
Toluene-d8
Concen: 54.393 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



Tgt Ion: 98 Resp: 528106
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





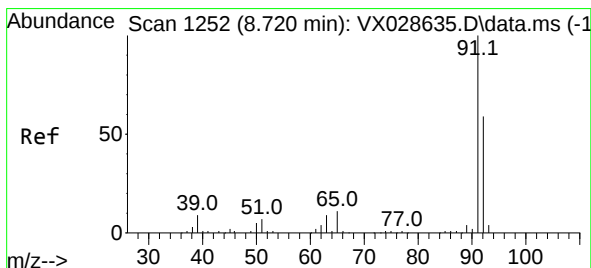
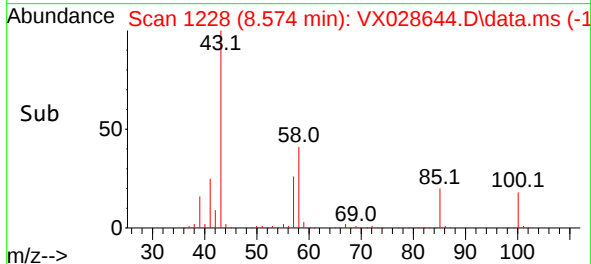
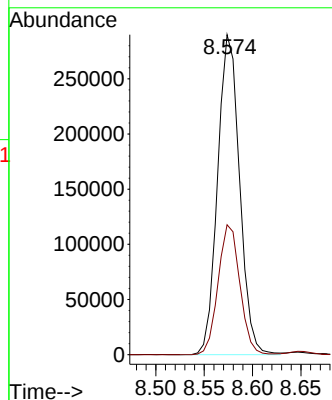
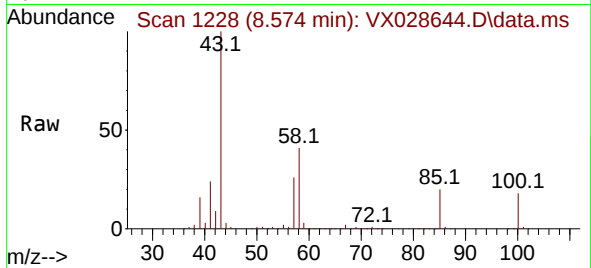
#51
4-Methyl-2-Pentanone
Concen: 109.881 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion: 43 Resp: 457450
Ion Ratio Lower Upper
43 100
58 40.3 36.1 54.1

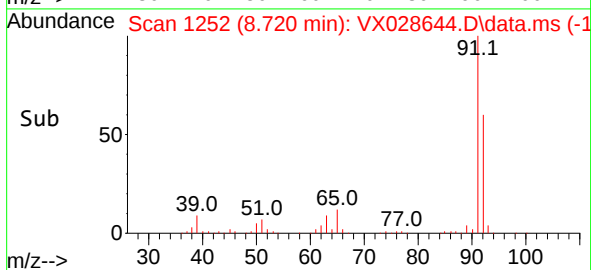
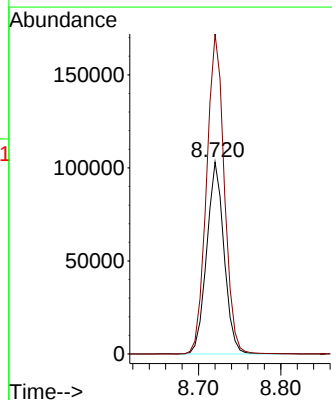
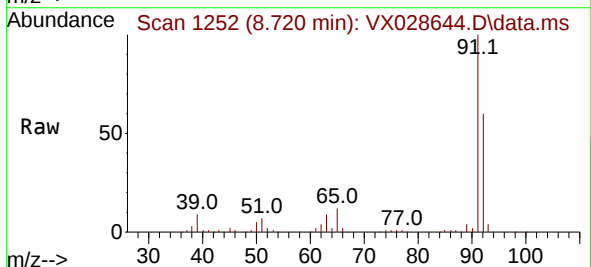
Manual Integrations
APPROVED

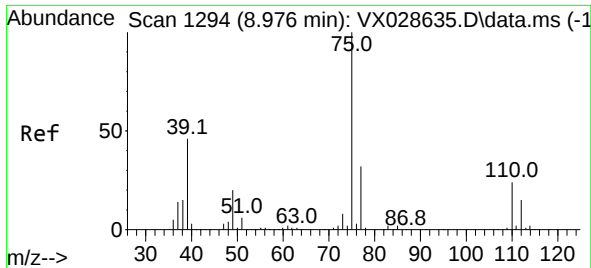
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 21.089 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Tgt Ion: 92 Resp: 150804
Ion Ratio Lower Upper
92 100
91 170.8 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.183 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 75 Resp: 80284

Ion Ratio Lower Upper

75 100

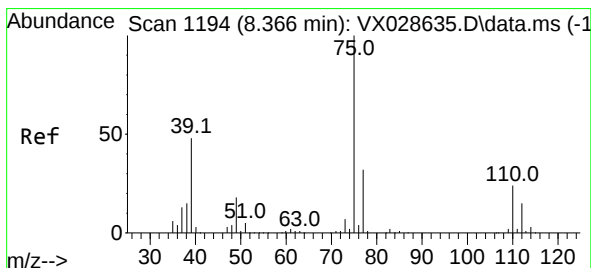
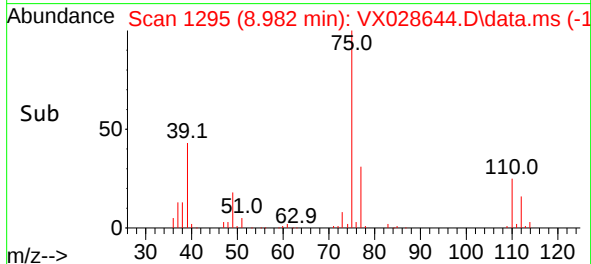
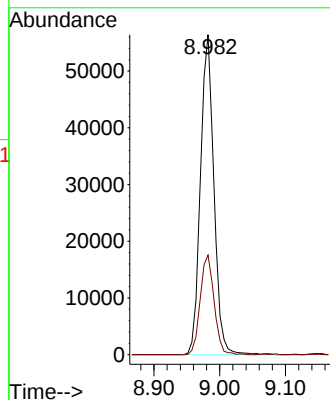
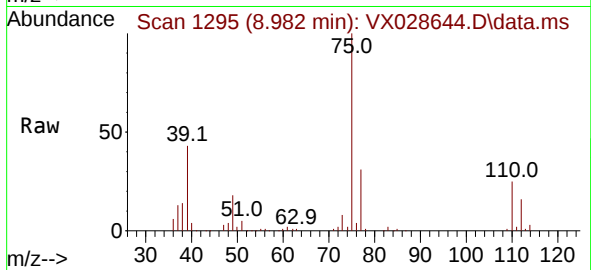
77 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#54

cis-1,3-Dichloropropene

Concen: 20.937 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

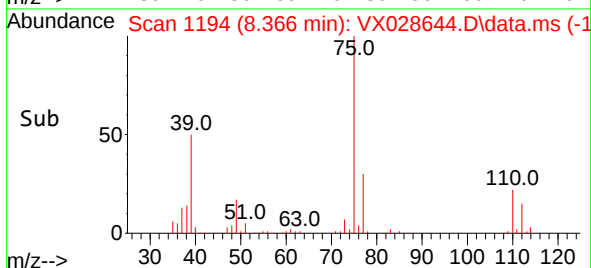
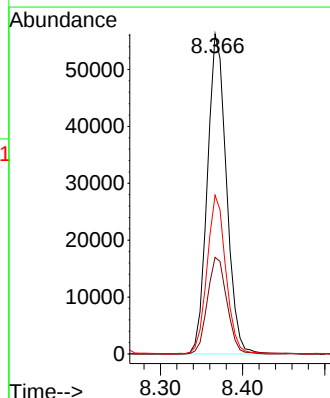
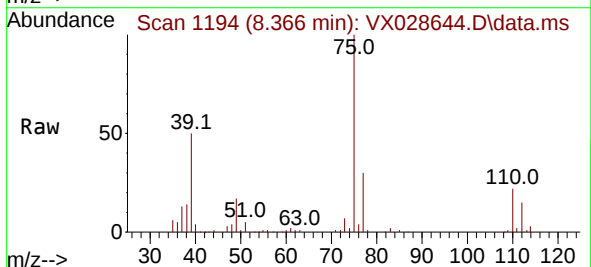
Tgt Ion: 75 Resp: 90590

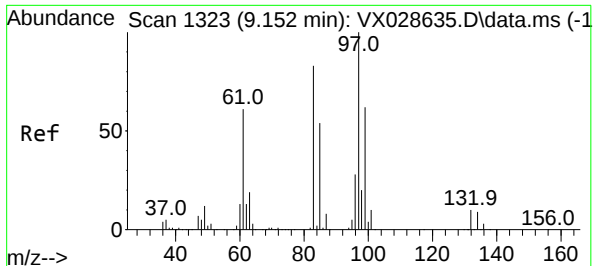
Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2

39 49.4 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 21.009 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 97 Resp: 61260

Ion Ratio Lower Upper

97 100

83 83.1 66.2 99.4

85 55.1 42.9 64.3

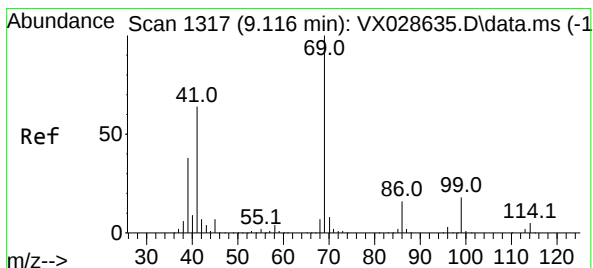
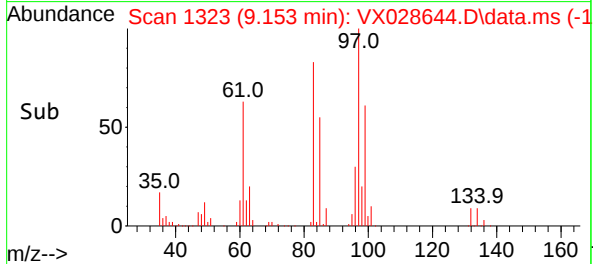
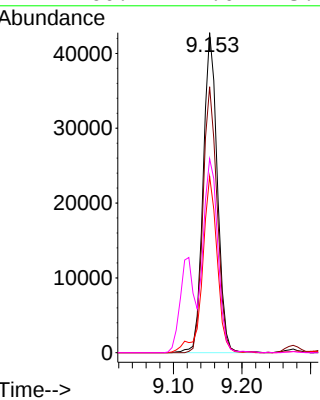
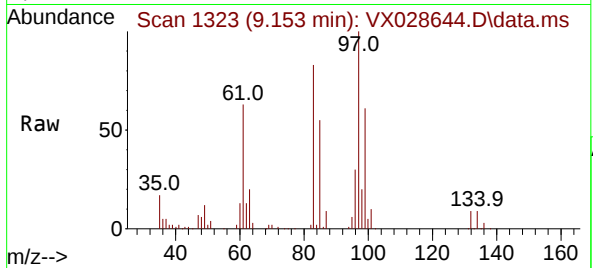
99 60.4 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 21.484 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

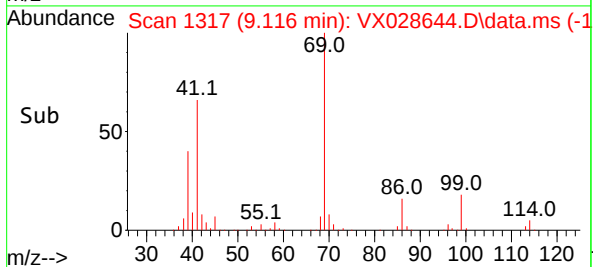
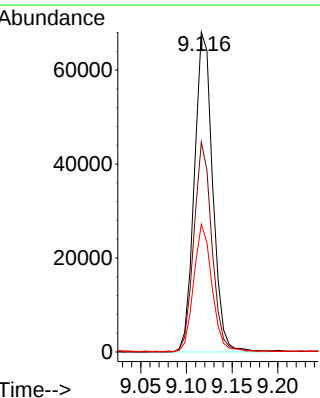
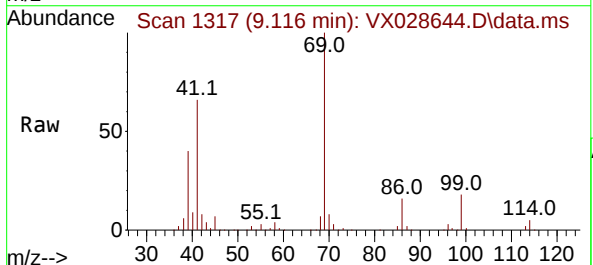
Tgt Ion: 69 Resp: 94866

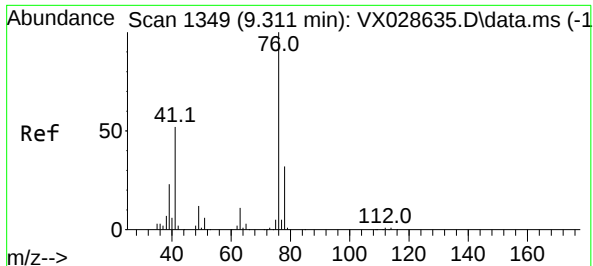
Ion Ratio Lower Upper

69 100

41 64.4 43.8 65.6

39 39.8 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 21.118 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 76 Resp: 103859

Ion Ratio Lower Upper

76 100

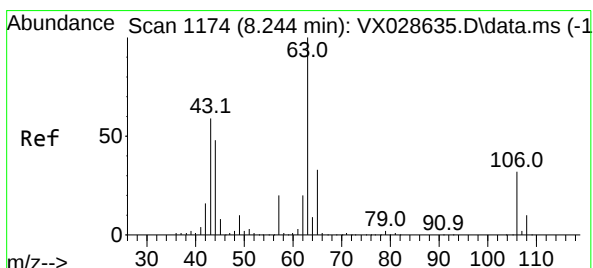
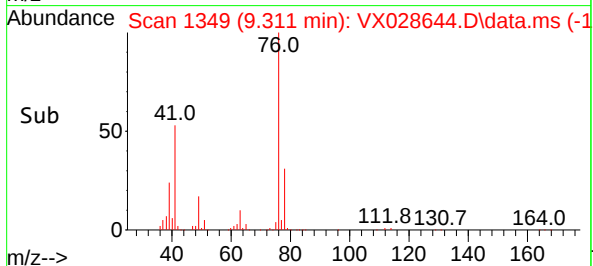
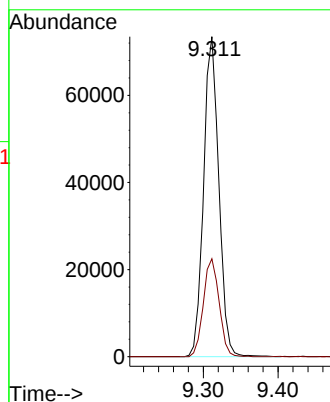
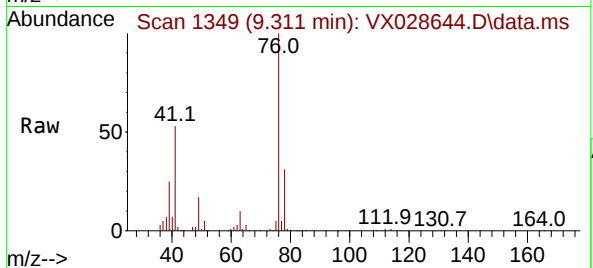
78 31.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 110.340 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028644.D

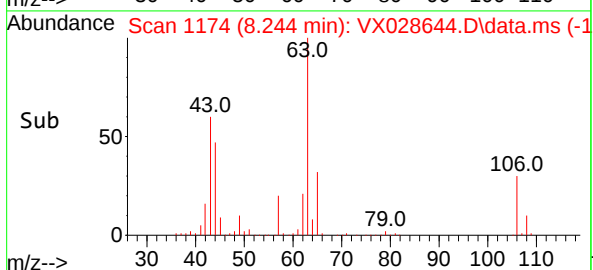
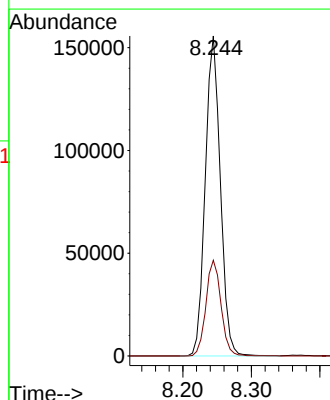
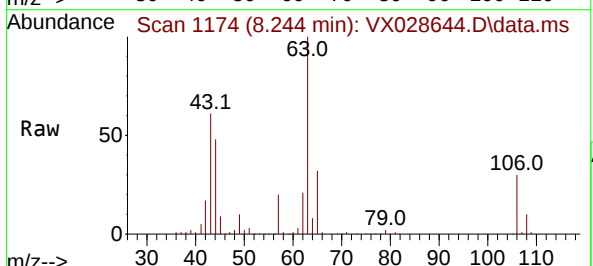
Acq: 12 May 2022 17:39

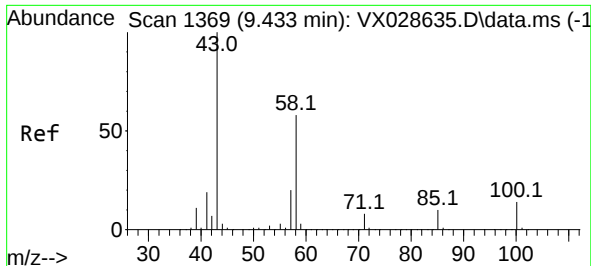
Tgt Ion: 63 Resp: 238540

Ion Ratio Lower Upper

63 100

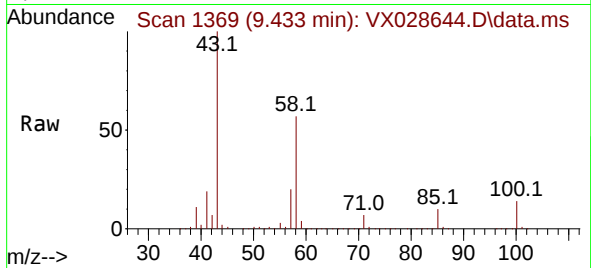
106 29.9 23.9 35.9





#59
2-Hexanone
Concen: 111.241 ug/l
RT: 9.433 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

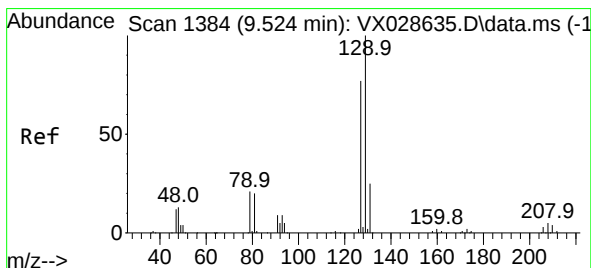
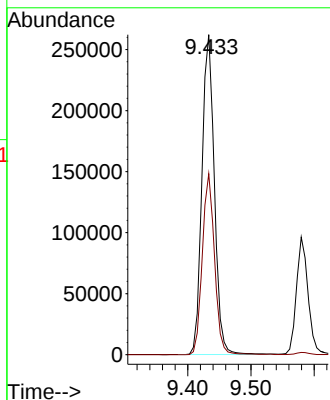
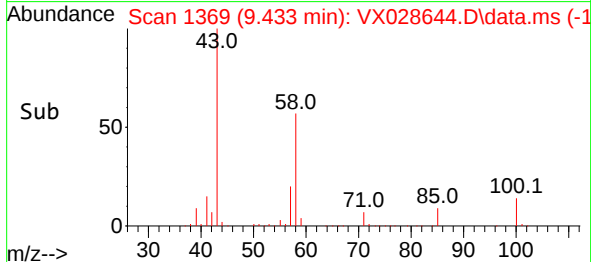
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion: 43 Resp: 359804
Ion Ratio Lower Upper
43 100
58 55.6 31.9 95.7

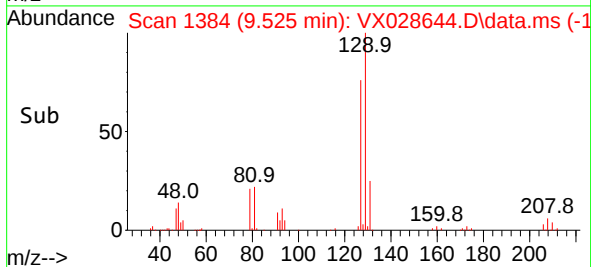
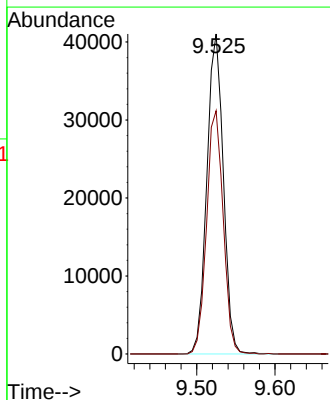
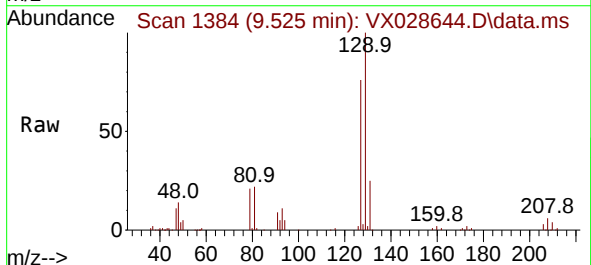
Manual Integrations
APPROVED

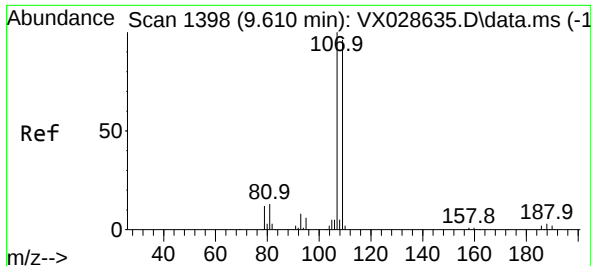
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 21.033 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

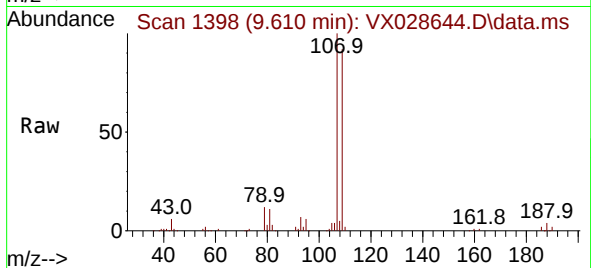
Tgt Ion:129 Resp: 59814
Ion Ratio Lower Upper
129 100
127 76.5 40.3 120.8





#61
1,2-Dibromoethane
Concen: 21.388 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

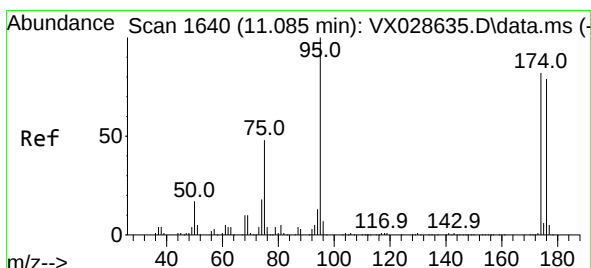
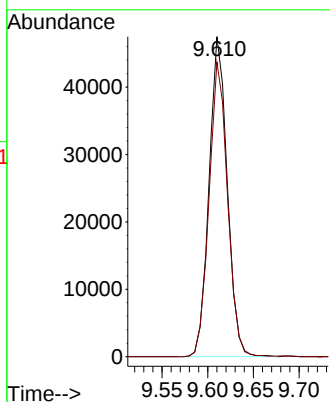
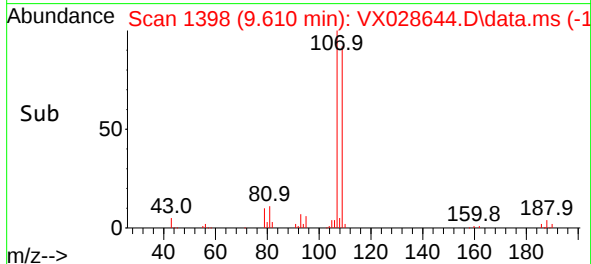
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



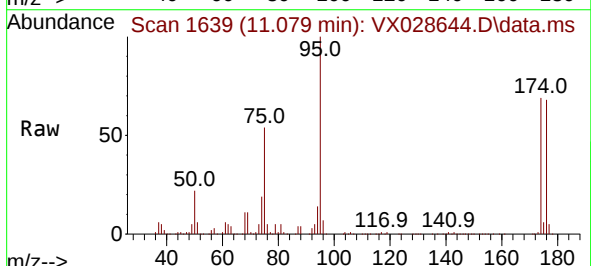
Tgt Ion:107 Resp: 65502
Ion Ratio Lower Upper
107 100
109 93.7 74.4 111.6

Manual Integrations
APPROVED

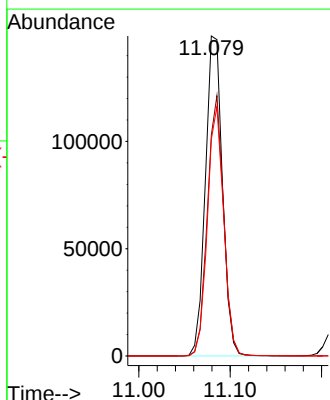
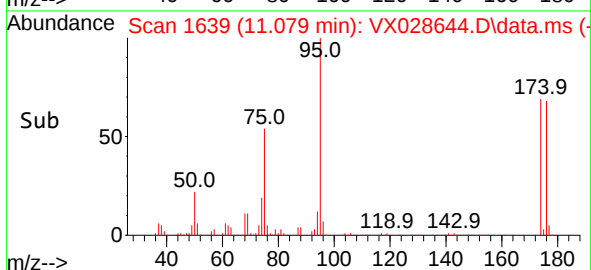
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

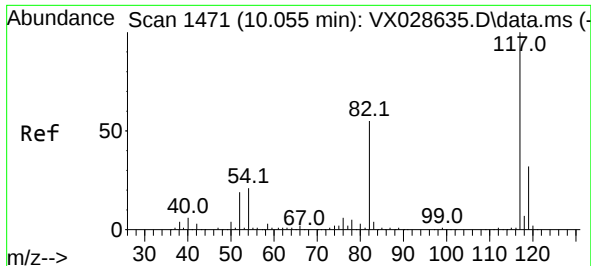


#62
4-Bromofluorobenzene
Concen: 53.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



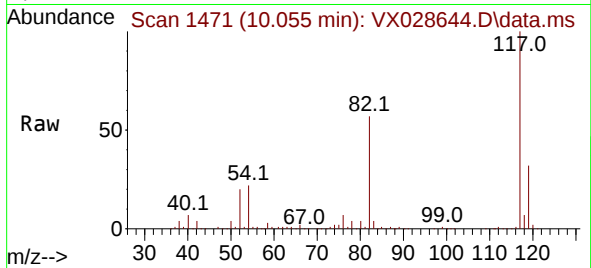
Tgt Ion: 95 Resp: 192984
Ion Ratio Lower Upper
95 100
174 77.3 0.0 163.0
176 74.4 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

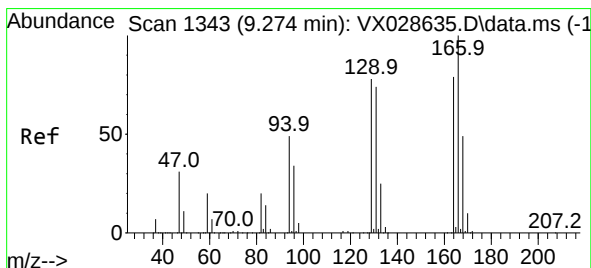
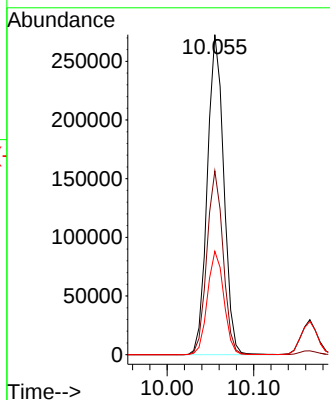
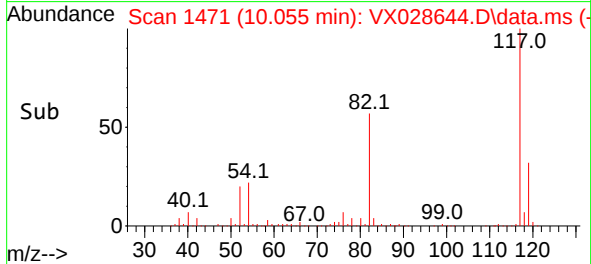
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion:117 Resp: 35954
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 32.3 24.8 37.2

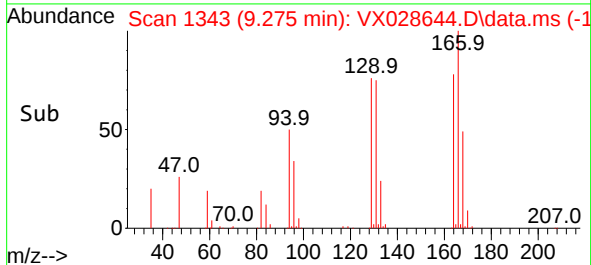
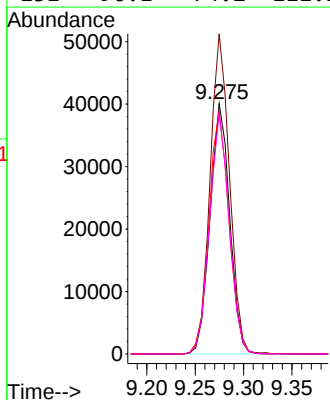
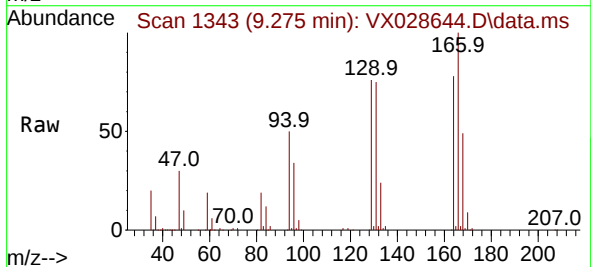
Manual Integrations
APPROVED

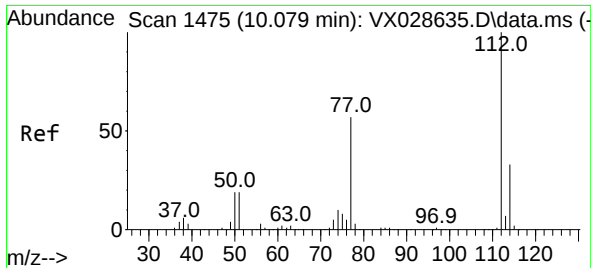
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 20.835 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Tgt Ion:164 Resp: 56568
Ion Ratio Lower Upper
164 100
166 127.9 101.2 151.8
129 97.3 73.0 109.4
131 96.1 74.2 111.2





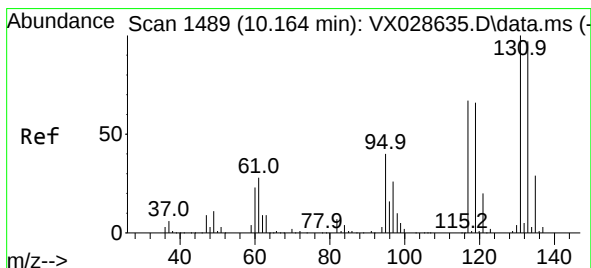
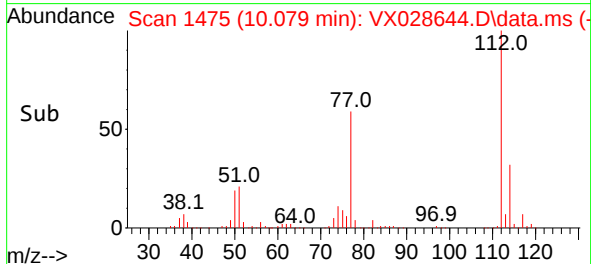
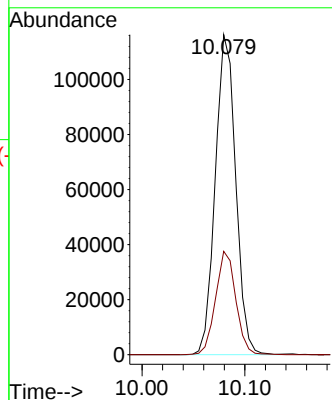
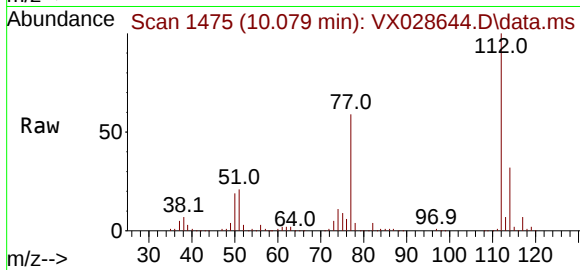
#65
Chlorobenzene
Concen: 21.000 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion:112 Resp: 16017
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

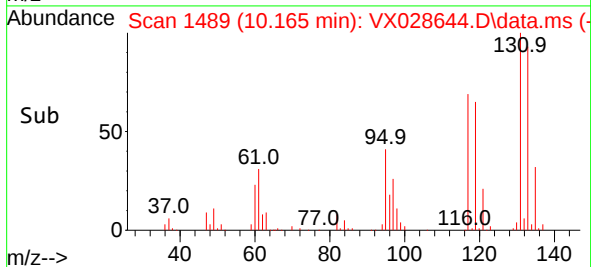
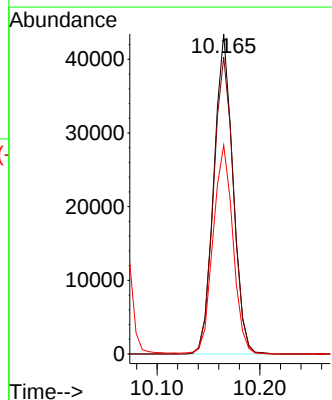
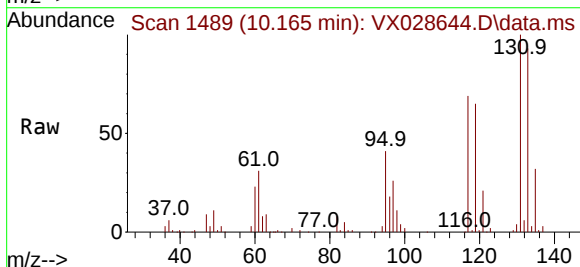
Manual Integrations
APPROVED

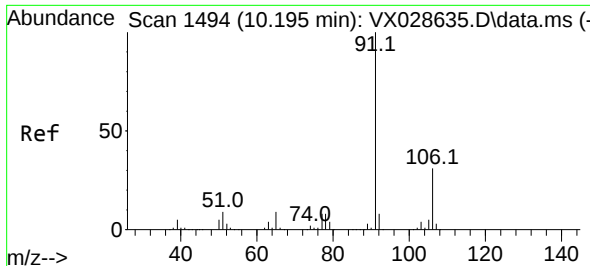
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.715 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

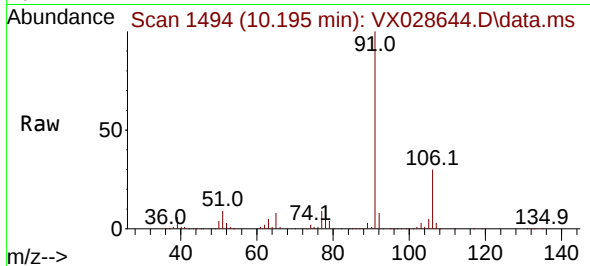
Tgt Ion:131 Resp: 55970
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.8
119 67.6 32.6 98.0





#67
Ethyl Benzene
Concen: 21.271 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

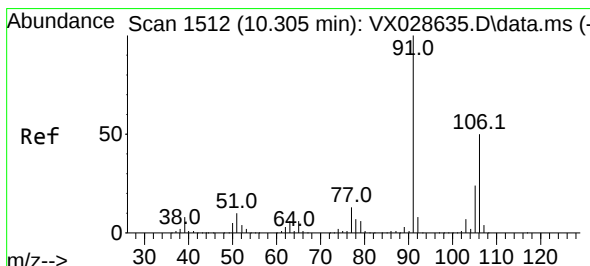
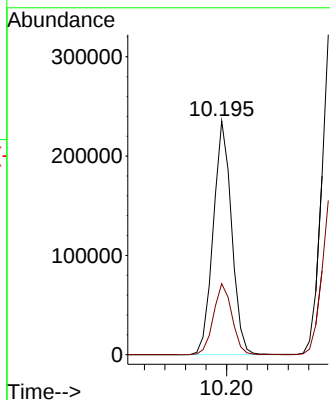
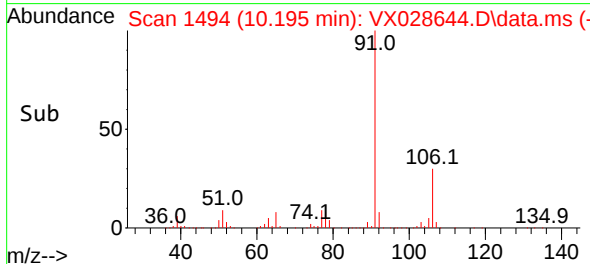
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



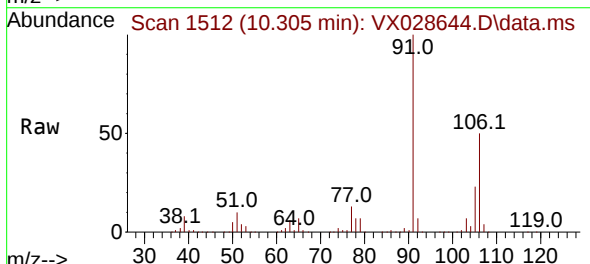
Tgt Ion: 91 Resp: 29080
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

Manual Integrations
APPROVED

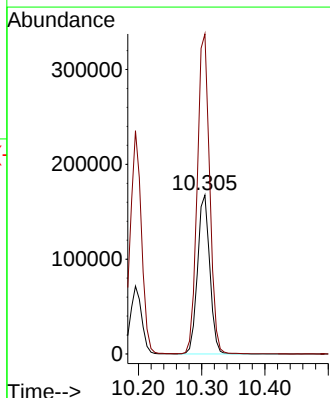
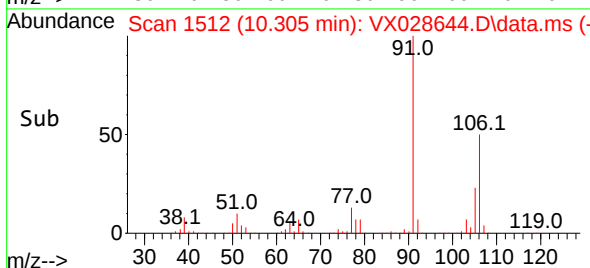
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

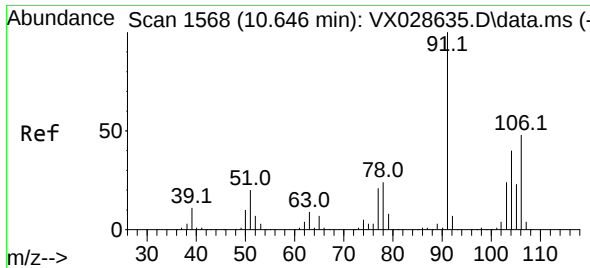


#68
m/p-Xylenes
Concen: 42.516 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



Tgt Ion:106 Resp: 226300
Ion Ratio Lower Upper
106 100
91 203.4 160.4 240.6





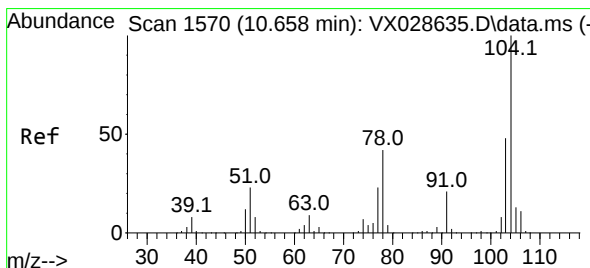
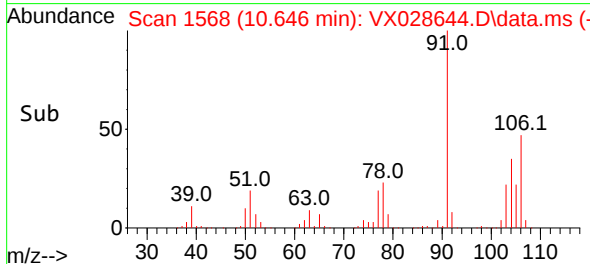
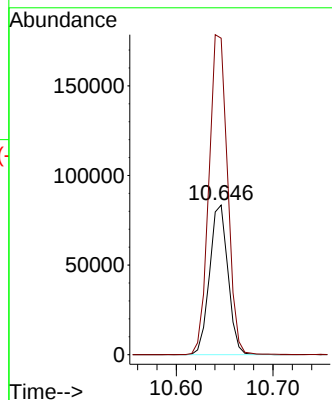
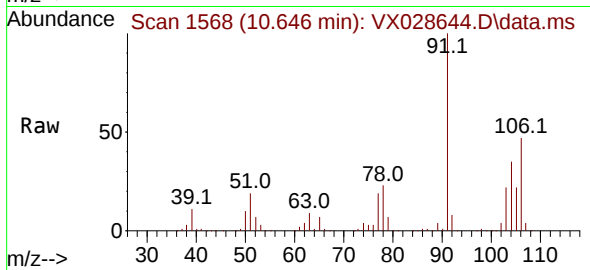
#69
o-Xylene
Concen: 21.074 ug/l
RT: 10.646 min Scan# 110438
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion:106 Resp: 110438
Ion Ratio Lower Upper
106 100
91 216.4 106.1 318.1

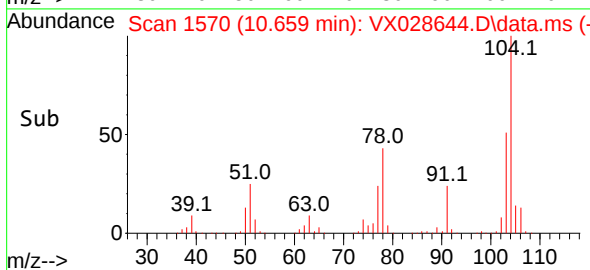
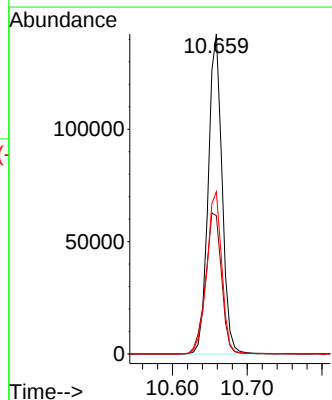
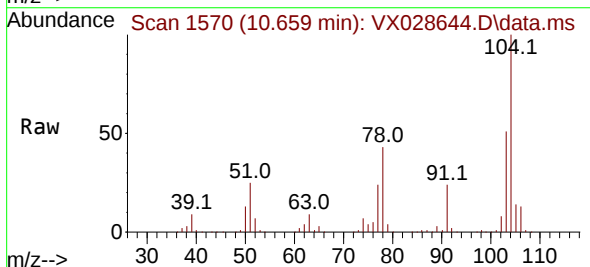
Manual Integrations
APPROVED

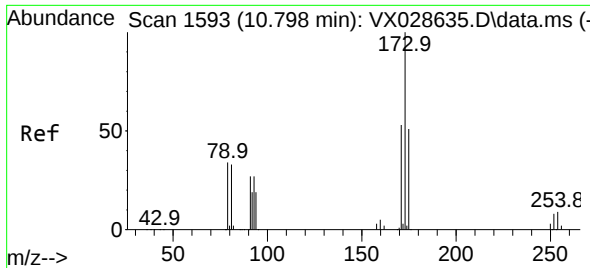
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 21.514 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

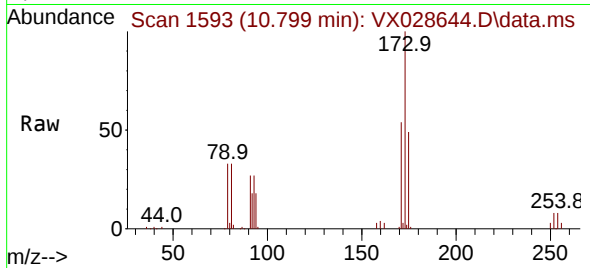
Tgt Ion:104 Resp: 183088
Ion Ratio Lower Upper
104 100
78 51.1 38.6 57.8
103 55.1 43.8 65.8





#71
Bromoform
Concen: 19.479 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

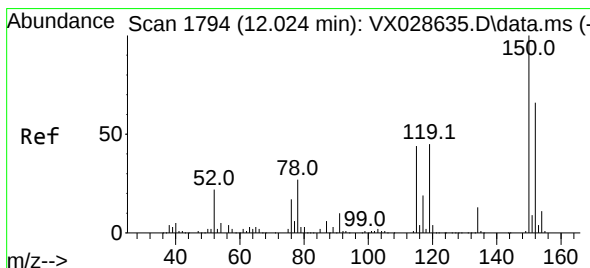
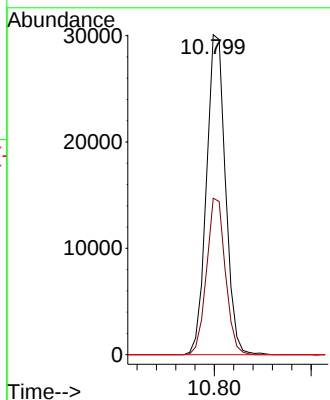
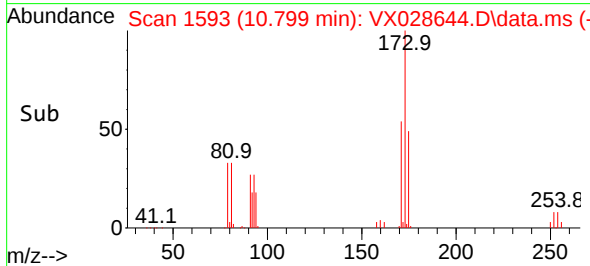
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion:173 Resp: 40990
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.2
254 0.0 0.1 0.1

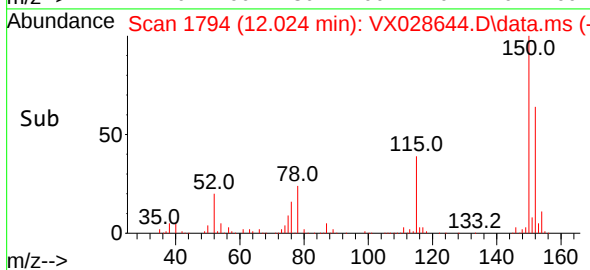
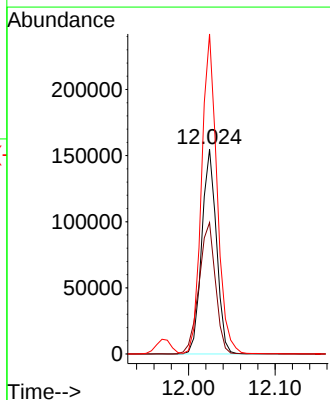
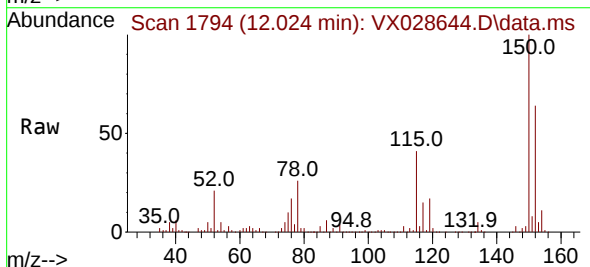
Manual Integrations
APPROVED

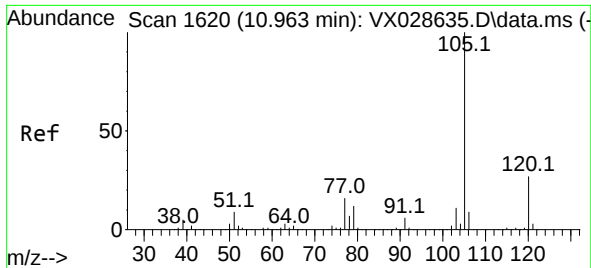
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

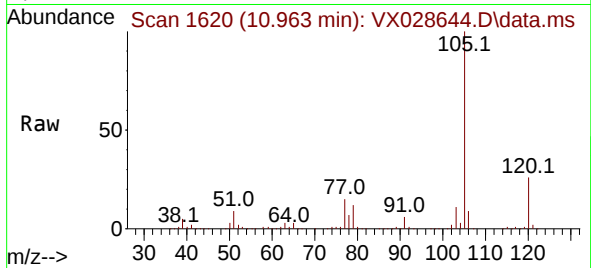
Tgt Ion:152 Resp: 182607
Ion Ratio Lower Upper
152 100
115 71.9 37.5 112.7
150 164.0 0.0 338.2





#73
Isopropylbenzene
Concen: 20.868 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

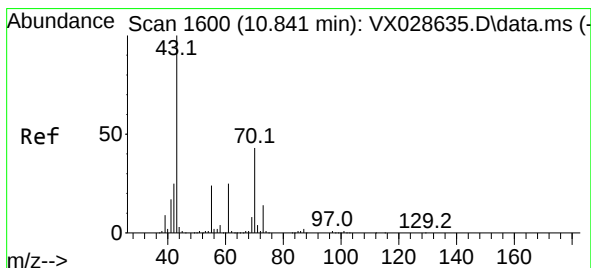
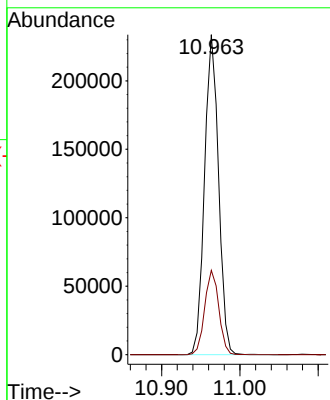
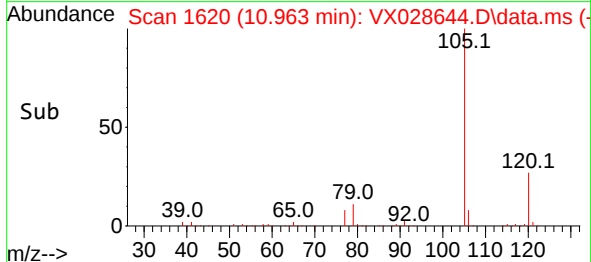
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



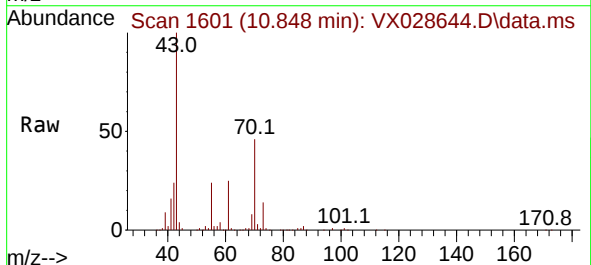
Tgt Ion:105 Resp: 28898
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

Manual Integrations
APPROVED

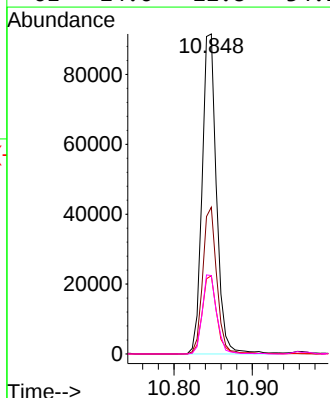
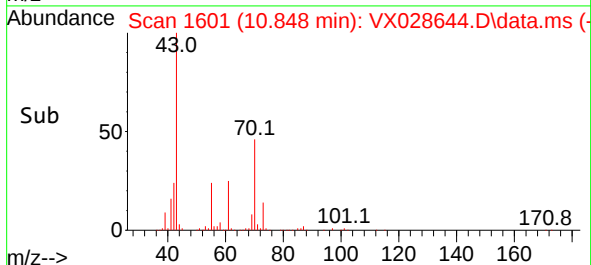
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

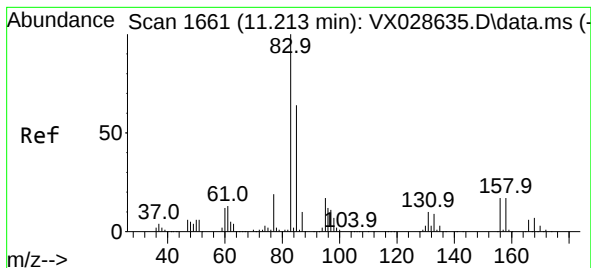


#74
N-ethyl acetate
Concen: 21.486 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



Tgt Ion: 43 Resp: 116958
Ion Ratio Lower Upper
43 100
70 45.0 42.5 63.7
55 24.9 23.1 34.7
61 24.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.146 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 83 Resp: 10046

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

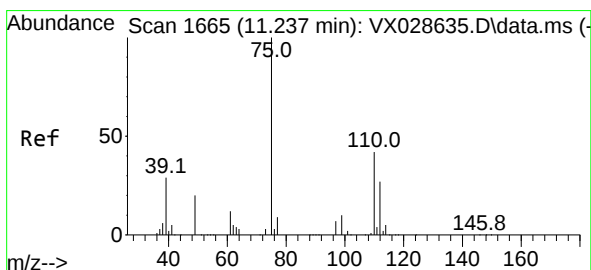
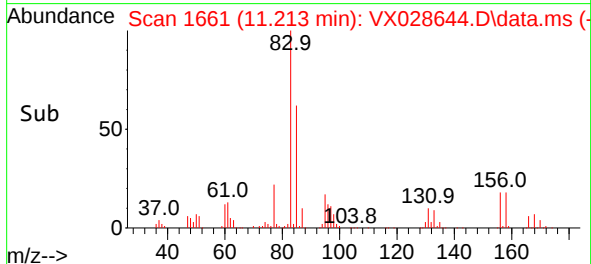
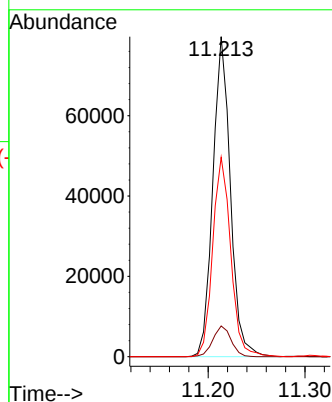
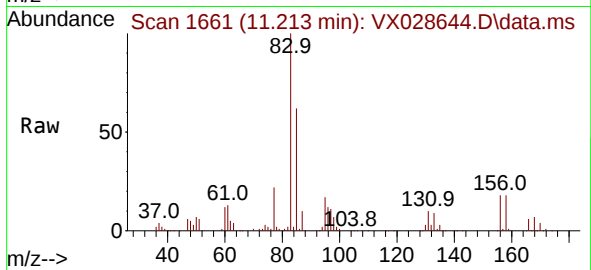
85 64.1 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#76

1,2,3-Trichloropropane

Concen: 21.256 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX028644.D

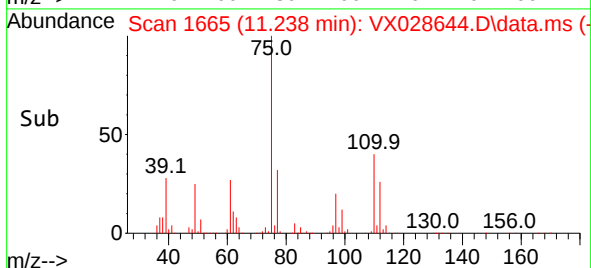
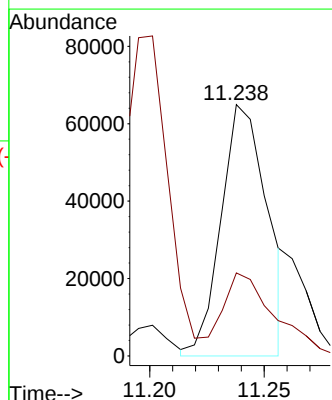
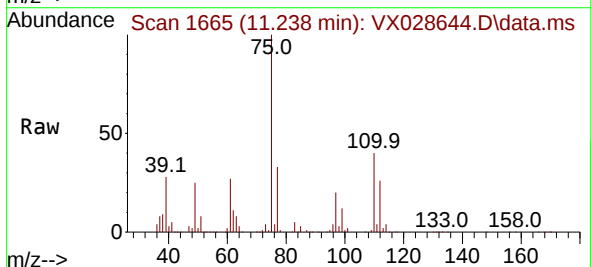
Acq: 12 May 2022 17:39

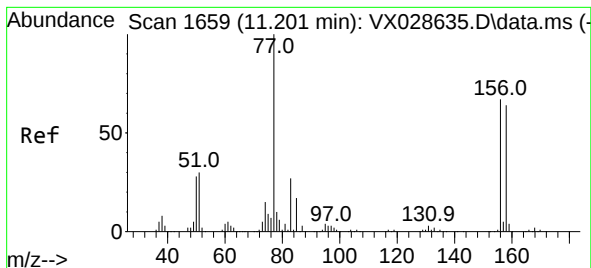
Tgt Ion: 75 Resp: 90900

Ion Ratio Lower Upper

75 100

77 38.3 19.4 58.2





#77

Bromobenzene

Concen: 20.383 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

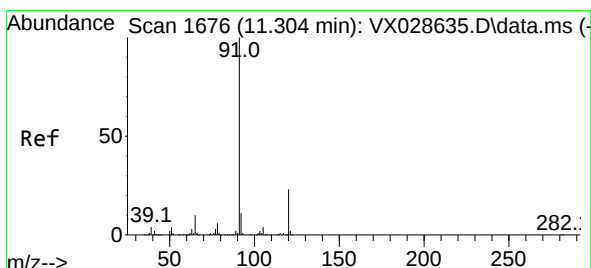
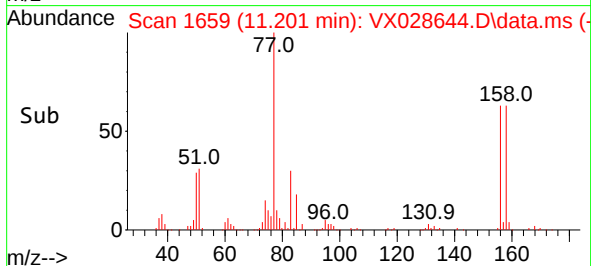
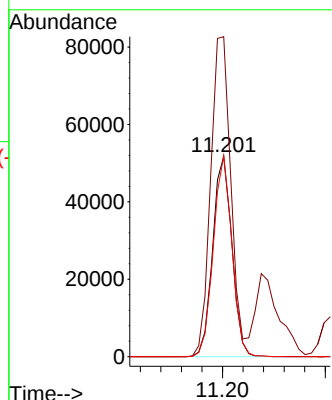
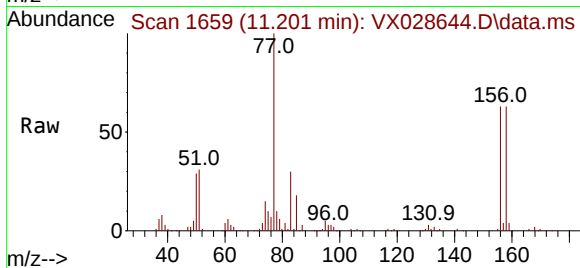
Tgt Ion:	156	Resp:	6678
Ion Ratio	Lower	Upper	
156	100		
77	167.1	78.5	235.3
158	97.3	50.2	150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#78

n-propylbenzene

Concen: 20.880 ug/l

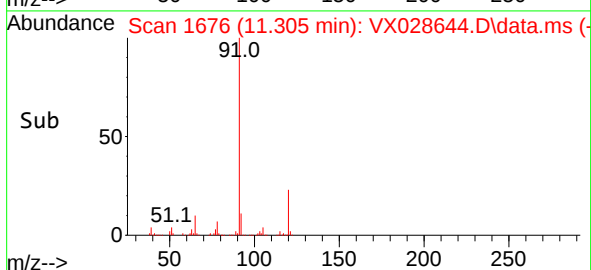
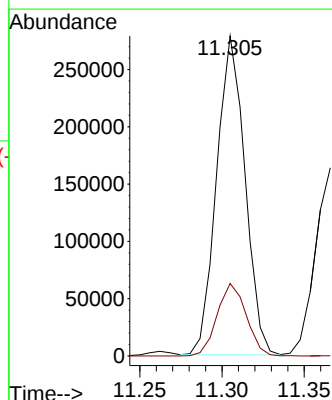
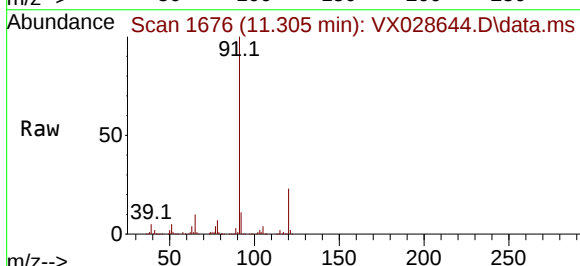
RT: 11.305 min Scan# 1676

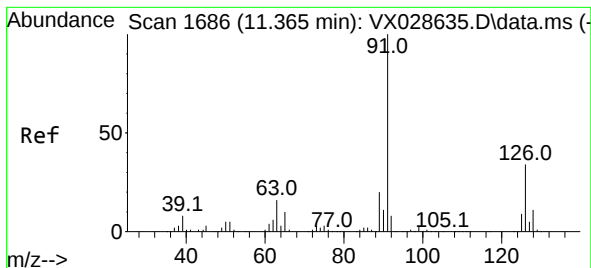
Delta R.T. 0.001 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Tgt Ion:	91	Resp:	334466
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





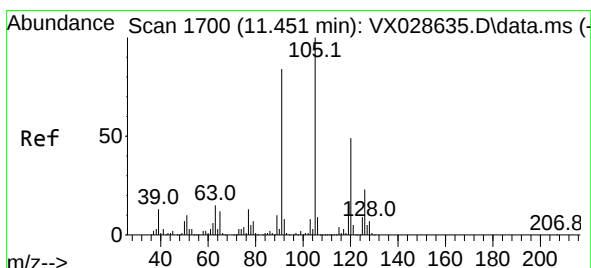
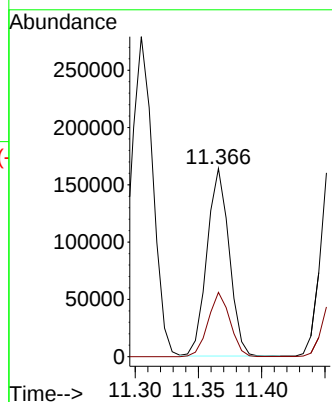
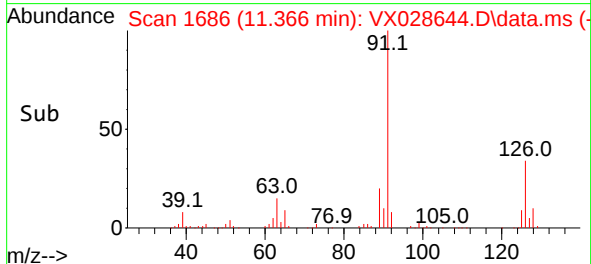
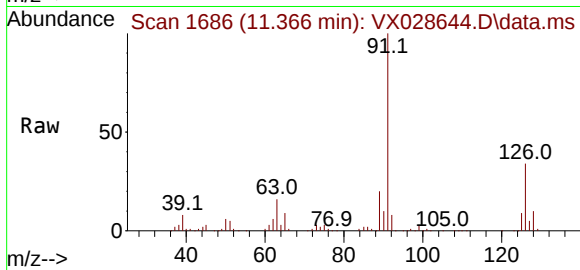
#79
2-Chlorotoluene
Concen: 20.382 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Tgt Ion: 91 Resp: 200110
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

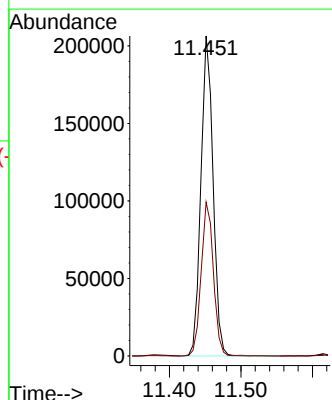
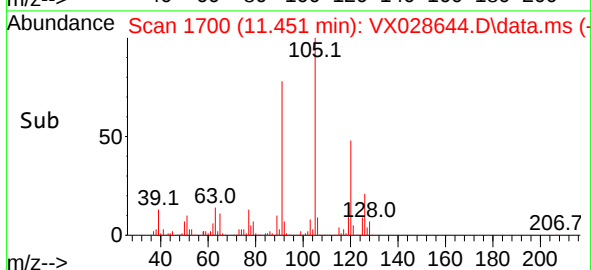
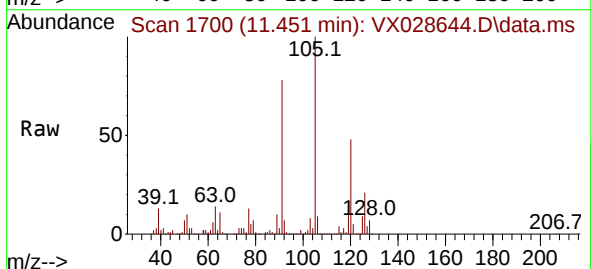
Manual Integrations
APPROVED

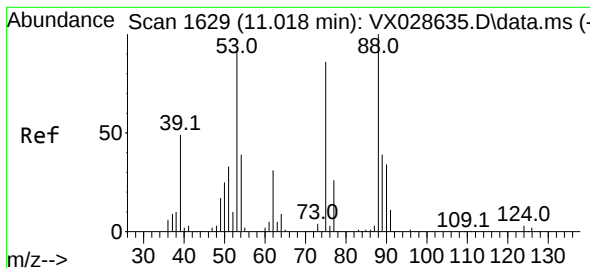
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.065 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

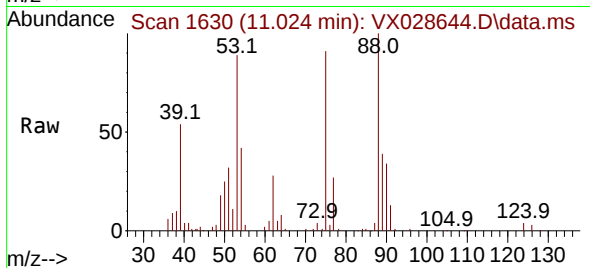
Tgt Ion:105 Resp: 243061
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 20.053 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

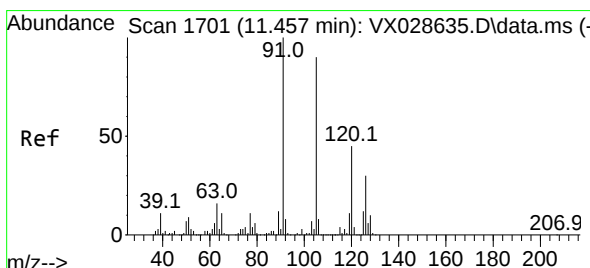
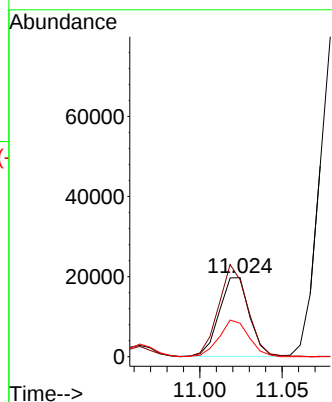
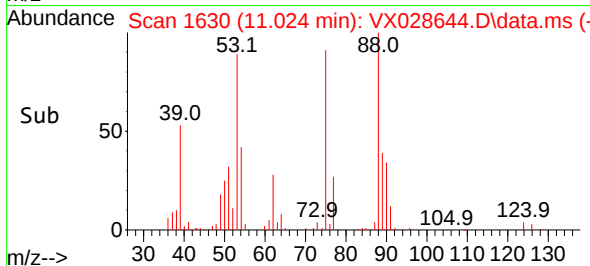
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



Tgt Ion: 75 Resp: 25149
Ion Ratio Lower Upper
75 100
53 111.9 69.0 103.4
89 45.9 37.0 55.6

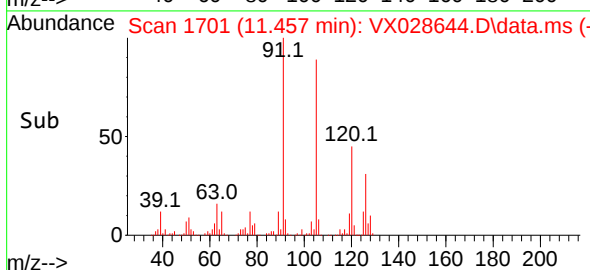
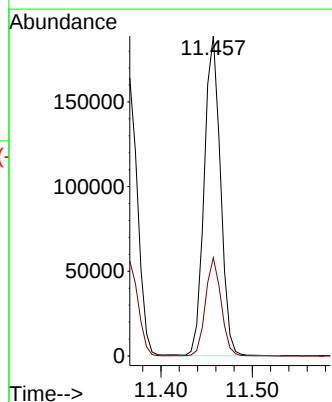
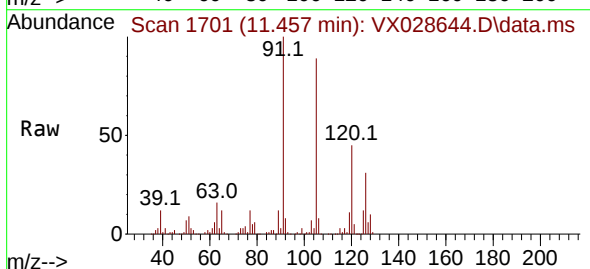
Manual Integrations
APPROVED

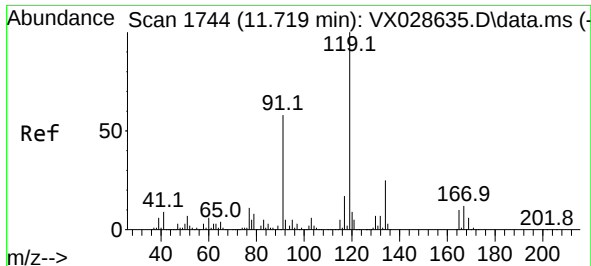
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 20.601 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

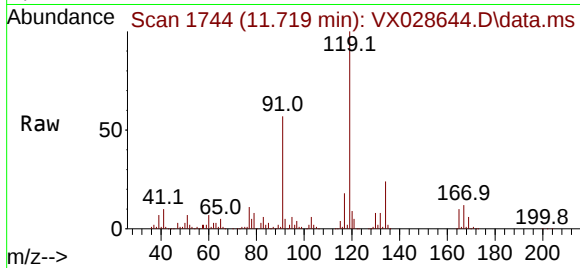
Tgt Ion: 91 Resp: 233819
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.5





#83
tert-Butylbenzene
Concen: 20.903 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

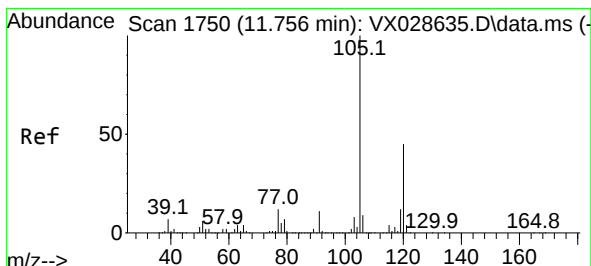
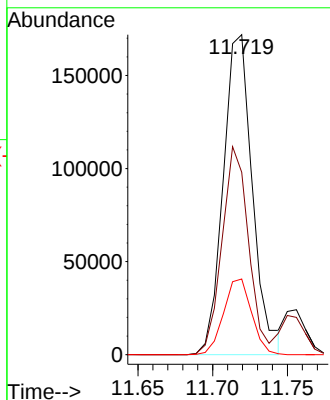
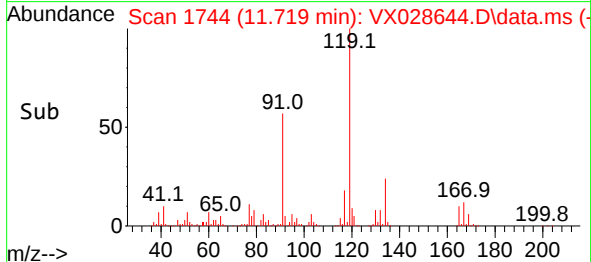
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



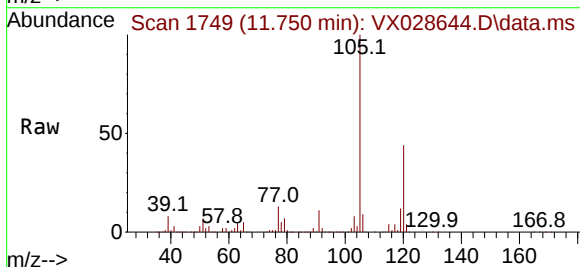
Tgt Ion:119 Resp: 233529
Ion Ratio Lower Upper
119 100
91 59.1 26.9 80.6
134 22.8 11.4 34.2

Manual Integrations
APPROVED

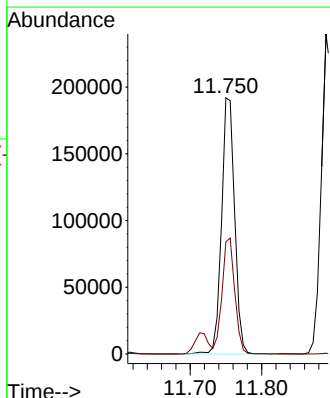
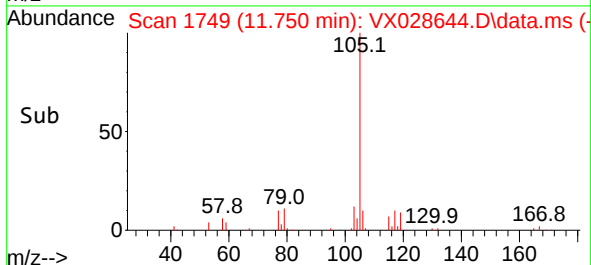
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

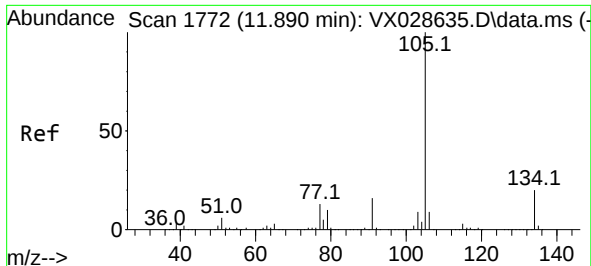


#84
1,2,4-Trimethylbenzene
Concen: 21.092 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



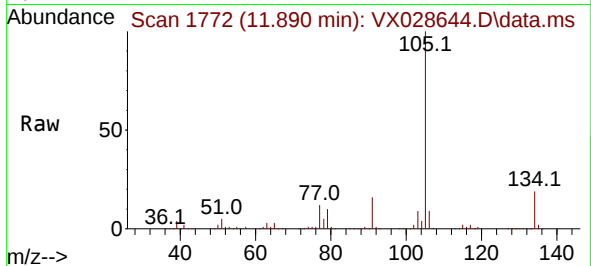
Tgt Ion:105 Resp: 244057
Ion Ratio Lower Upper
105 100
120 44.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 20.880 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028644.D
 Acq: 12 May 2022 17:39

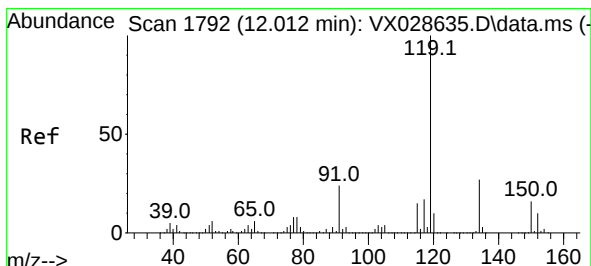
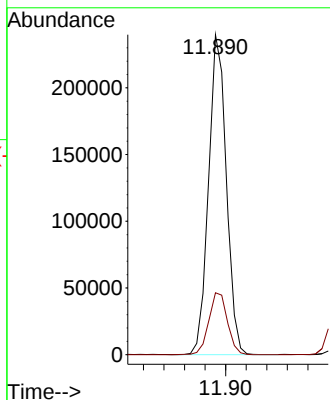
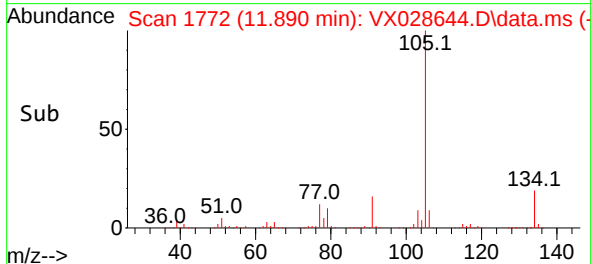
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01



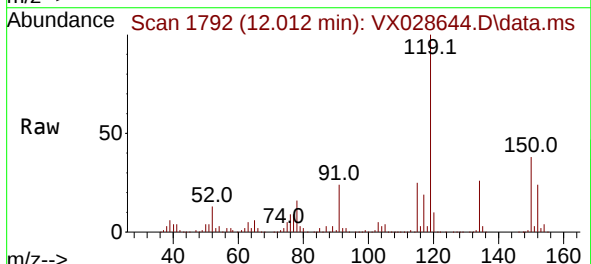
Tgt Ion:105 Resp: 287740
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
 APPROVED

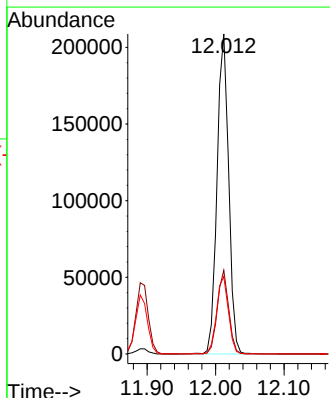
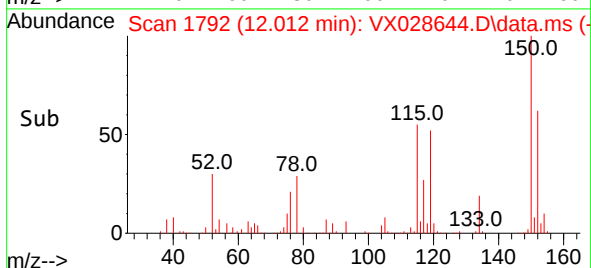
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

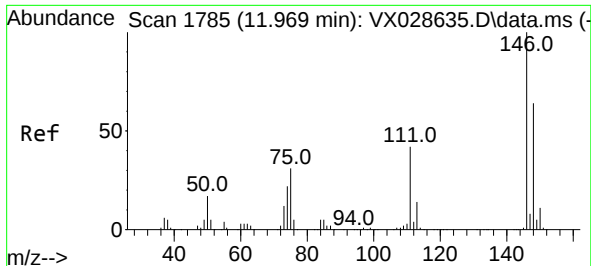


#86
 p-Isopropyltoluene
 Concen: 21.108 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028644.D
 Acq: 12 May 2022 17:39



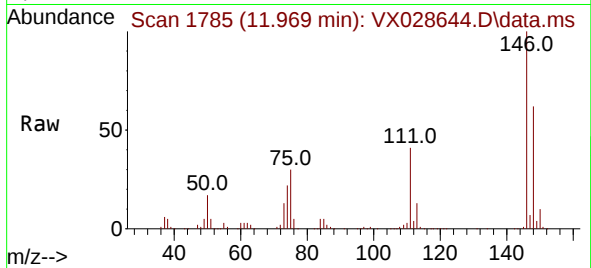
Tgt Ion:119 Resp: 244093
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 20.178 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

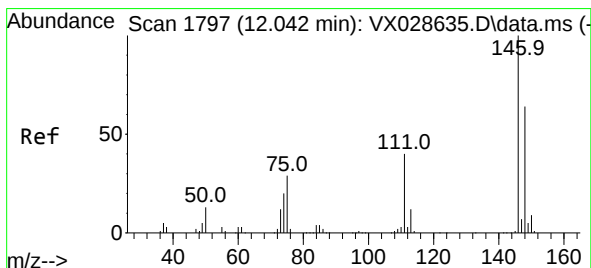
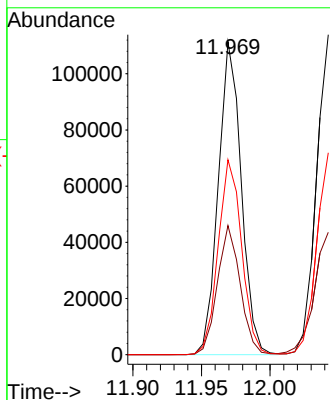
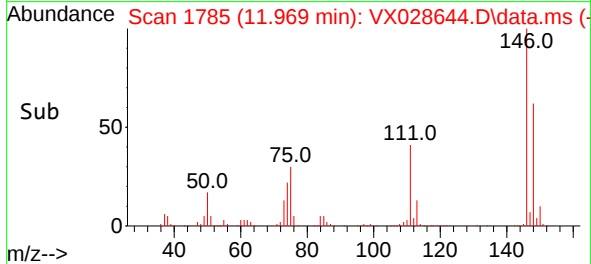
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



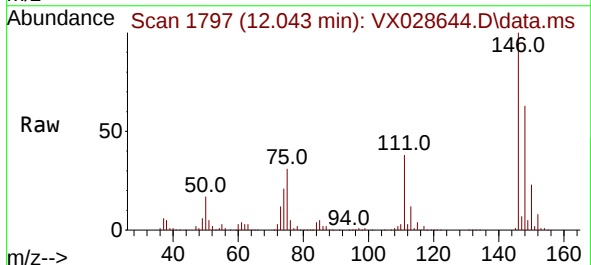
Tgt Ion:146 Resp: 129679
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.1
148 64.0 31.6 94.7

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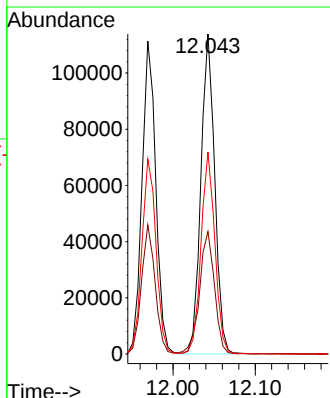
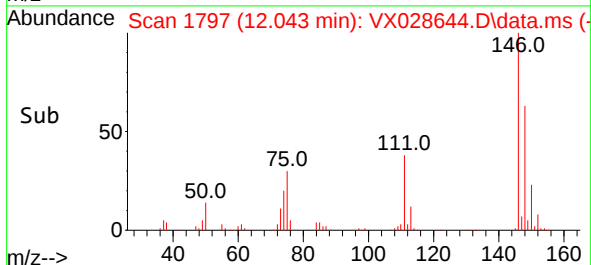
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

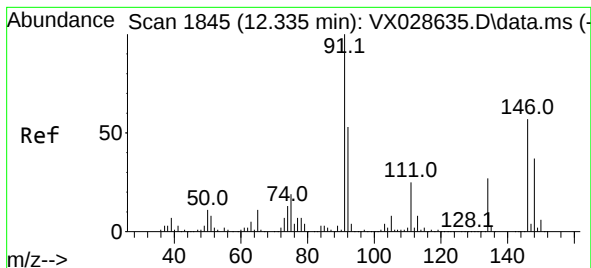


#88
1,4-Dichlorobenzene
Concen: 19.946 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



Tgt Ion:146 Resp: 132963
Ion Ratio Lower Upper
146 100
111 41.5 19.2 57.6
148 63.5 32.3 96.9





#89

n-Butylbenzene

Concen: 20.317 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion: 91 Resp: 20356

Ion Ratio Lower Upper

91 100

92 53.1 27.8 83.3

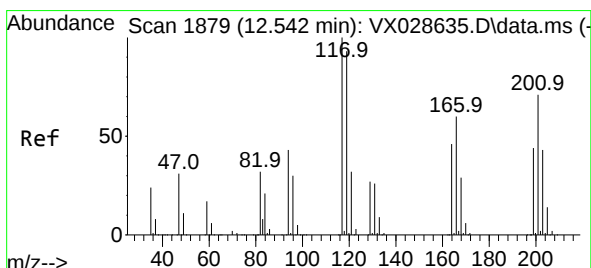
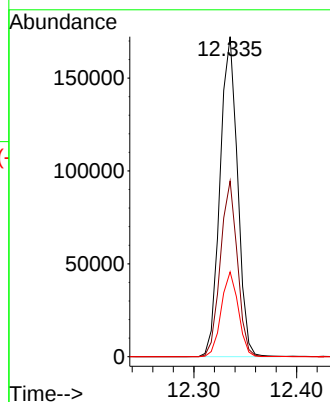
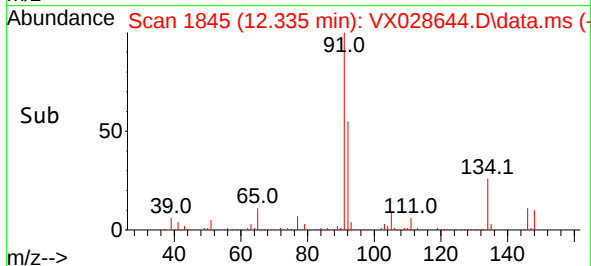
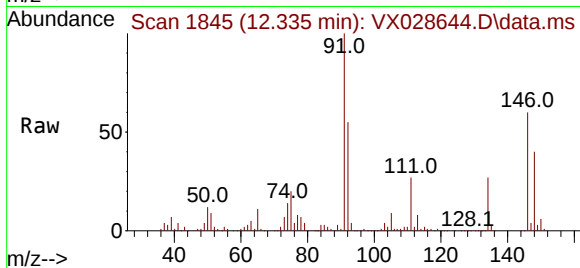
134 25.8 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#90

Hexachloroethane

Concen: 20.394 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028644.D

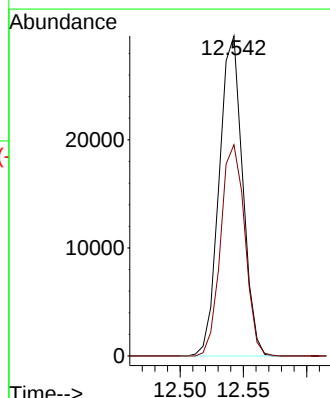
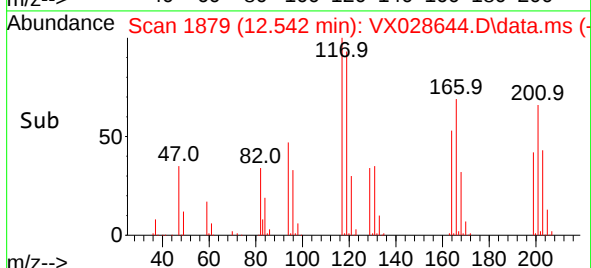
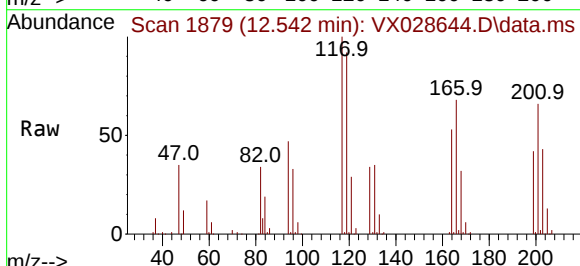
Acq: 12 May 2022 17:39

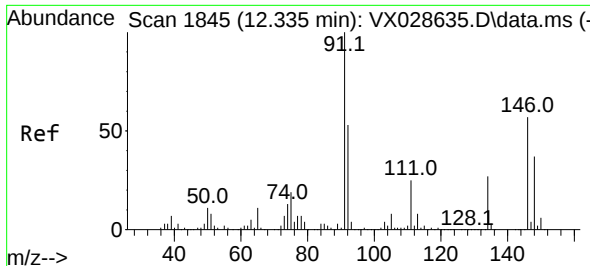
Tgt Ion:117 Resp: 38138

Ion Ratio Lower Upper

117 100

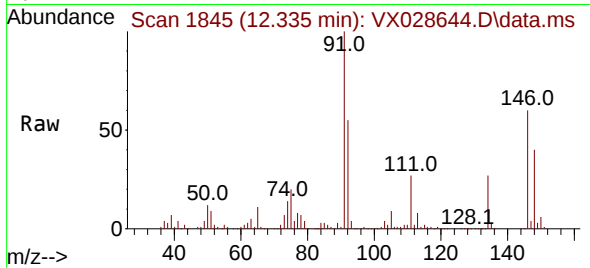
201 67.9 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 20.379 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

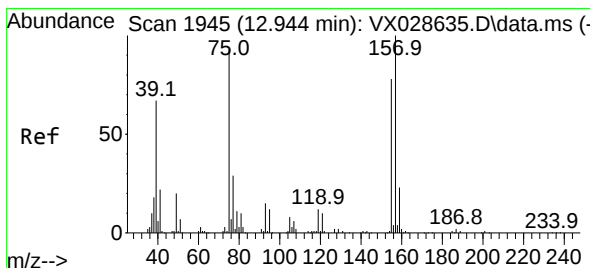
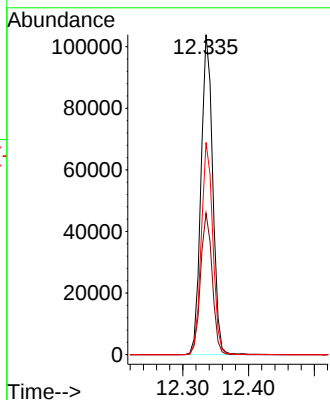
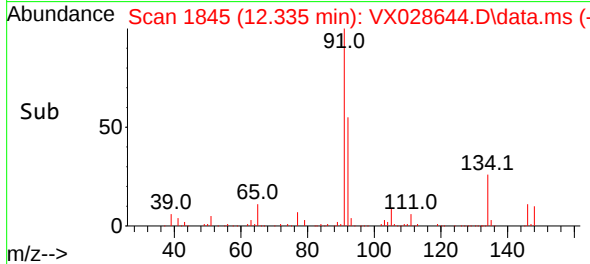
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



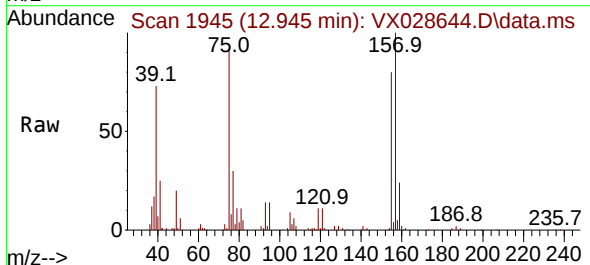
Tgt Ion:146 Resp: 12866
Ion Ratio Lower Upper
146 100
111 44.0 21.0 63.0
148 65.2 32.6 97.7

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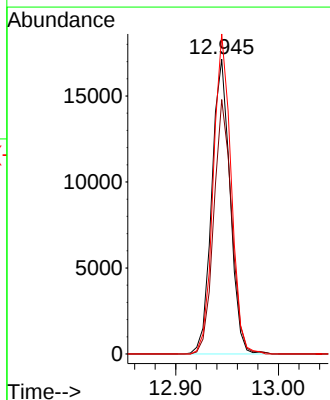
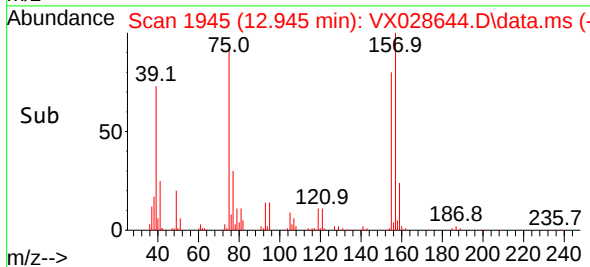
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

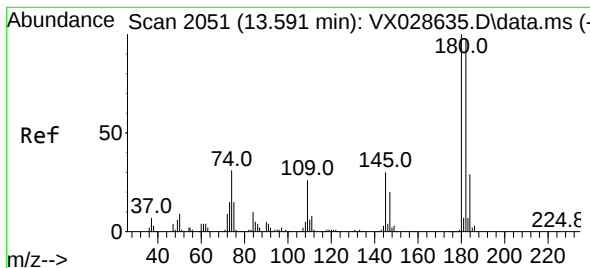


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.800 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



Tgt Ion: 75 Resp: 21100
Ion Ratio Lower Upper
75 100
155 84.3 47.0 141.2
157 105.6 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 20.361 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028644.D

Acq: 12 May 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

Tgt Ion:180 Resp: 74240

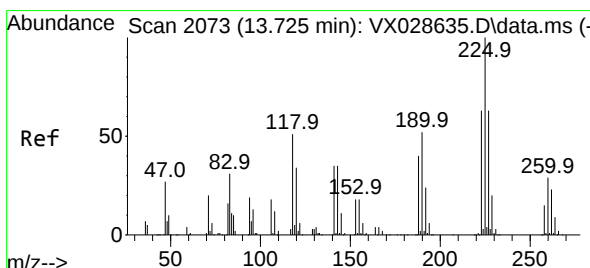
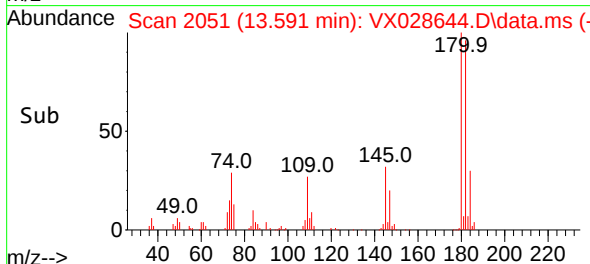
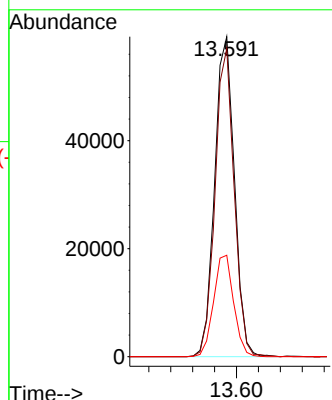
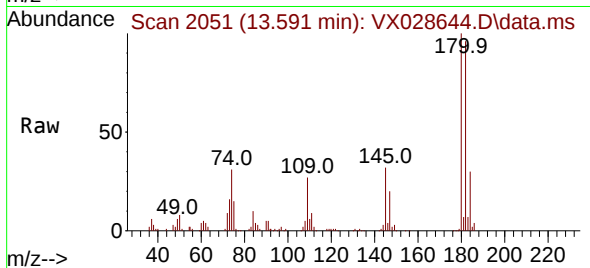
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.7	143.1
145	32.2	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#94

Hexachlorobutadiene

Concen: 20.544 ug/l

RT: 13.725 min Scan# 2073

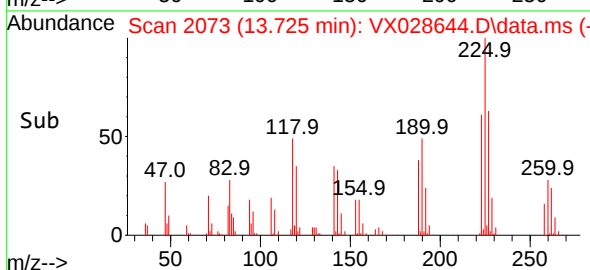
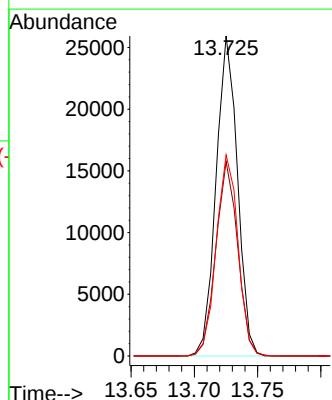
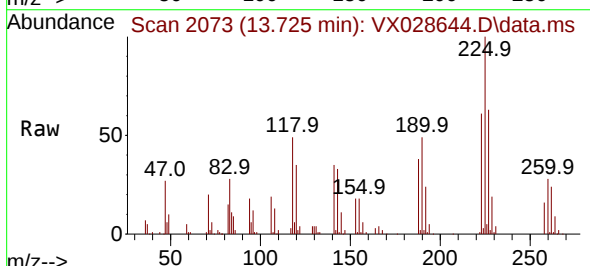
Delta R.T. 0.000 min

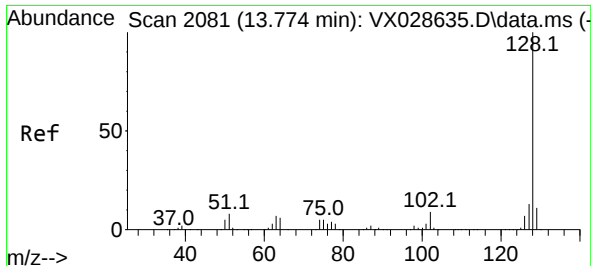
Lab File: VX028644.D

Acq: 12 May 2022 17:39

Tgt Ion:225 Resp: 30433

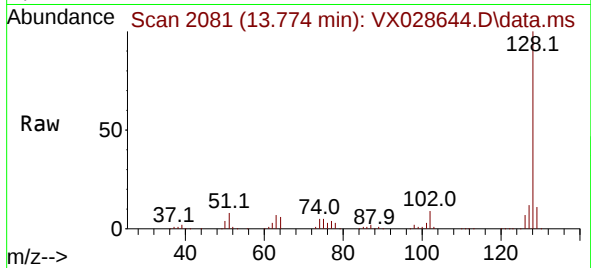
Ion	Ratio	Lower	Upper
225	100		
223	62.0	34.2	102.5
227	64.0	33.9	101.7





#95
Naphthalene
Concen: 21.566 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39

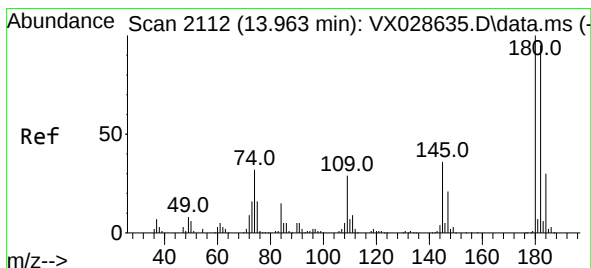
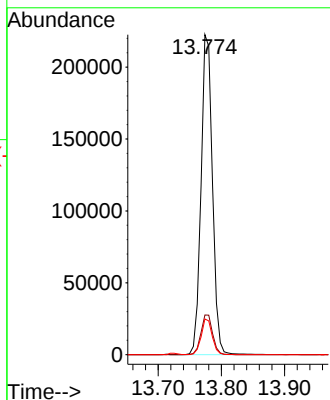
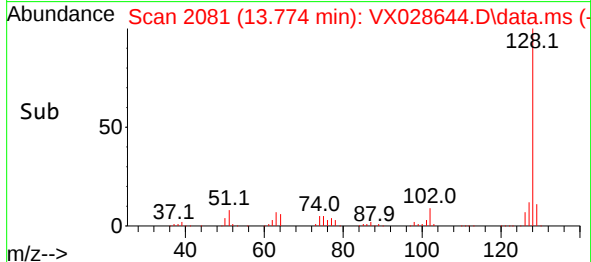
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01



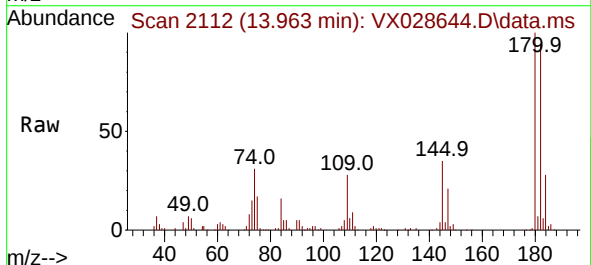
Tgt Ion:128 Resp: 27983
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.278 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028644.D
Acq: 12 May 2022 17:39



Tgt Ion:180 Resp: 74265
Ion Ratio Lower Upper
180 100
182 94.6 50.0 149.8
145 35.1 16.2 48.5

