

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022394.D
 Acq On : 04 Jun 2021 02:35
 Operator : JC/MD
 Sample : PB36780ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 05:40:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

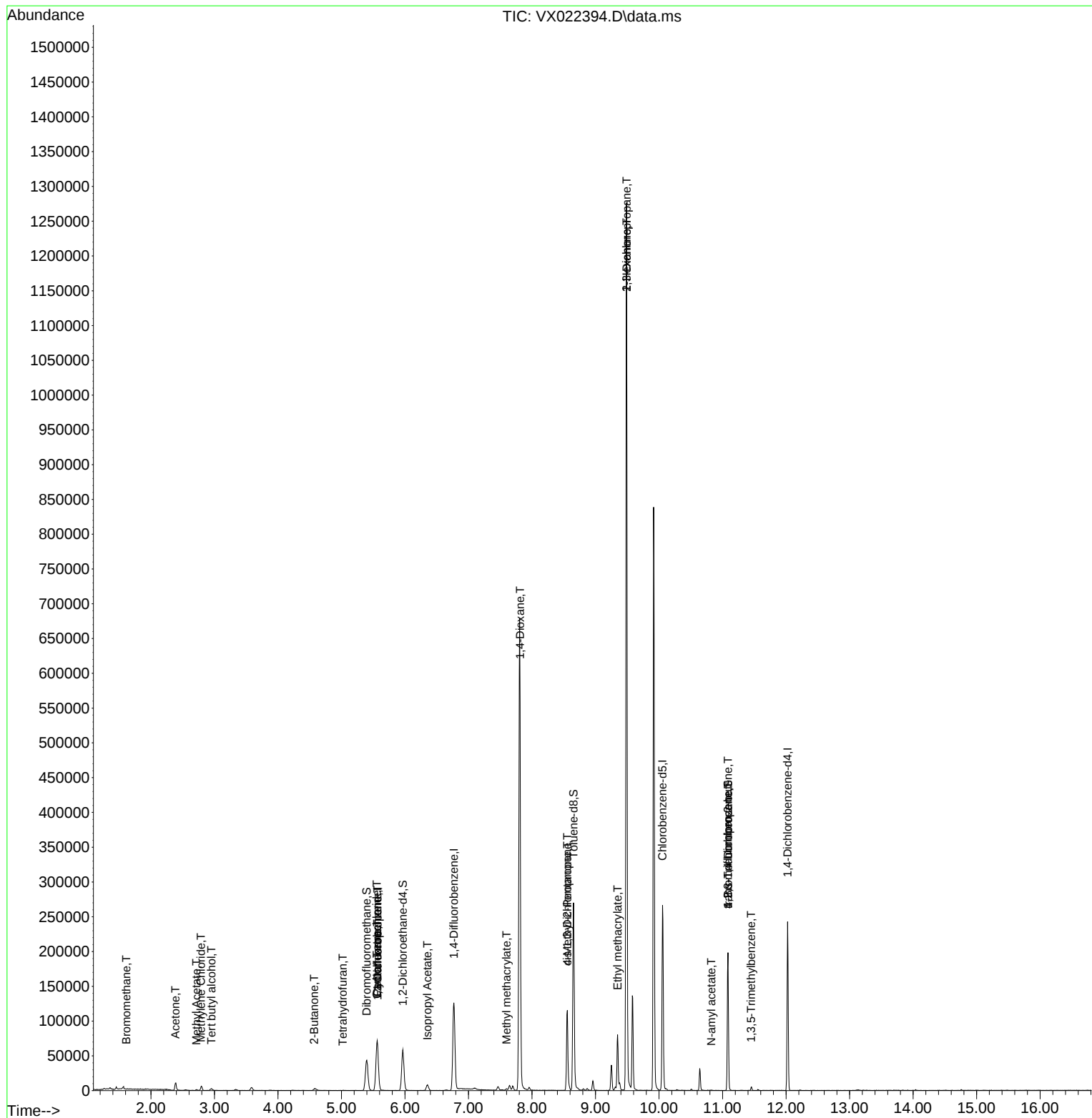
Internal Standards						
1) Pentafluorobenzene	5.562	168	60278	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50876	54.72	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.44%			
35) Dibromofluoromethane	5.397	113	37435	46.17	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.34%			
50) Toluene-d8	8.653	98	157204	50.33	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.66%			
62) 4-Bromofluorobenzene	11.085	95	53593	46.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.84%			
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	148	0.30	ug/l	# 46
11) Tert butyl alcohol	2.953	59	1692	7.96	ug/l	# 73
16) Acetone	2.386	43	11837	29.24	ug/l	96
18) Methyl Acetate	2.715	43	1444	1.34	ug/l	100
20) Methylene Chloride	2.788	84	2333	2.60	ug/l	97
25) 2-Butanone	4.568	43	2982	4.55	ug/l	# 79
29) Tetrahydrofuran	5.019	42	153	0.39	ug/l	# 36
31) Cyclohexane	5.562	56	1632	1.40	ug/l	# 1
36) 1,1-Dichloropropene	5.568	75	5861	4.96	ug/l	# 44
38) Carbon Tetrachloride	5.556	117	6477	5.60	ug/l	# 16
43) Isopropyl Acetate	6.354	43	10944	4.62	ug/l	# 92
48) Methyl methacrylate	7.598	41	3192	2.92	ug/l	# 10
49) 1,4-Dioxane	7.811	88	41	1.93	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	41111	28.95	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	18193	11.64	ug/l	# 64
56) Ethyl methacrylate	9.348	69	307	0.20	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10583	6.63	ug/l	# 42
59) 2-Hexanone	9.488	43	146123	136.81	ug/l	# 44
74) N-amyl acetate	10.823	43	375	0.21	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	28420	26.44	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	2342	0.77	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	28420	62.65	ug/l	# 12

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

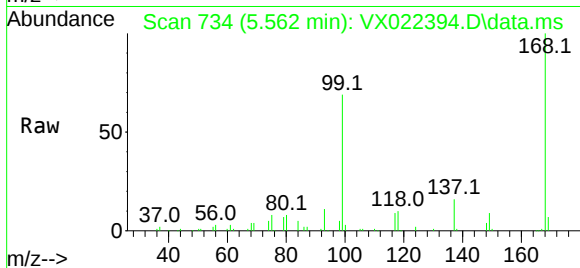
Quant Time: Jun 04 05:40:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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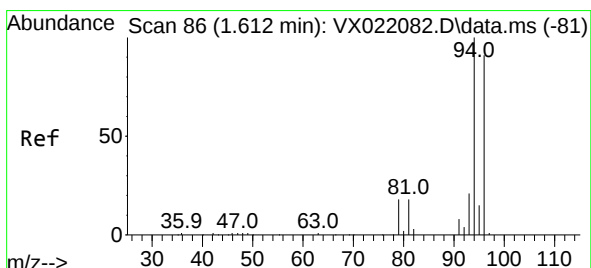
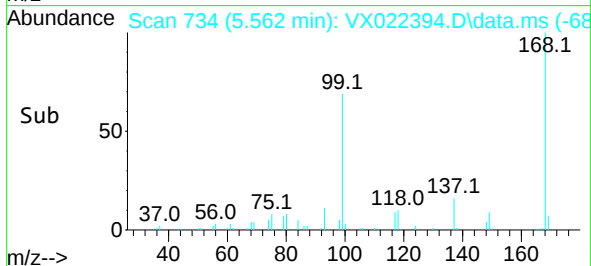
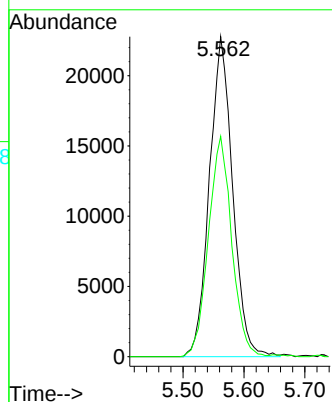


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Instrument :
MSVOA_X
ClientSampled :

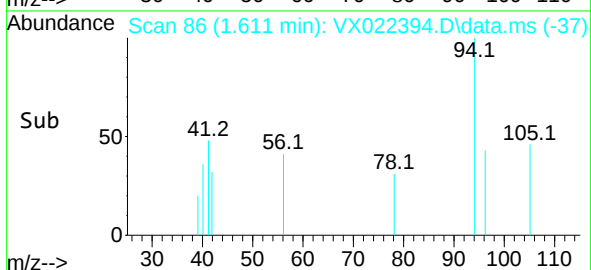
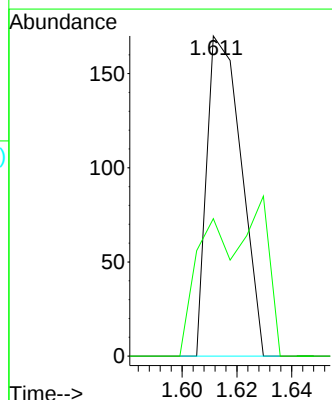
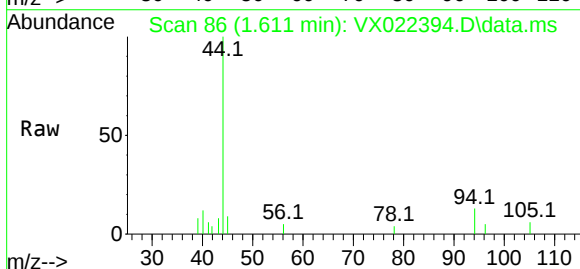


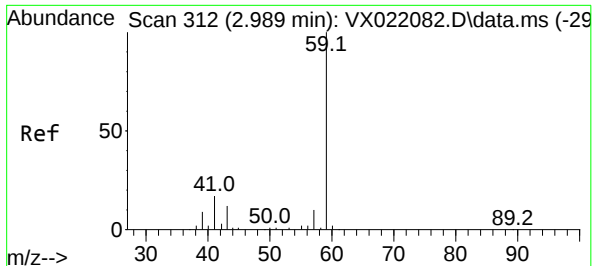
Tgt Ion:168 Resp: 60278
Ion Ratio Lower Upper
168 100
99 68.8 45.8 68.6#



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 42.9 76.4 114.6#



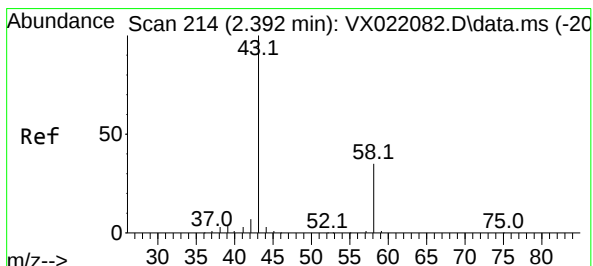
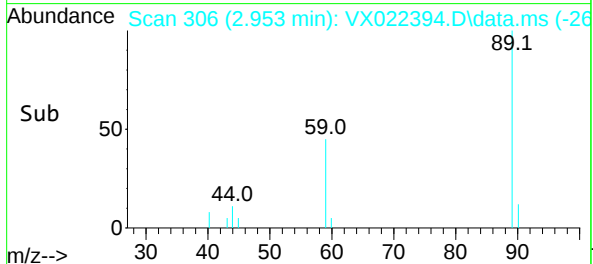
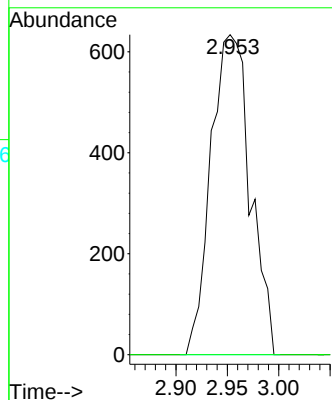
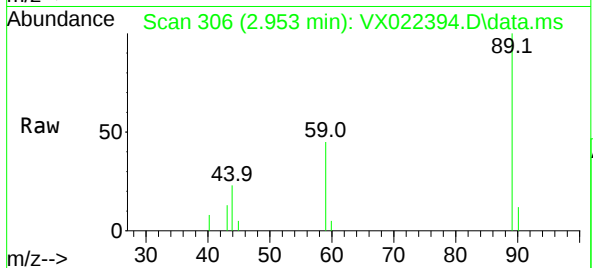


#11

Tert butyl alcohol
Concen: 7.96 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Instrument :
MSVOA_X
ClientSampled :

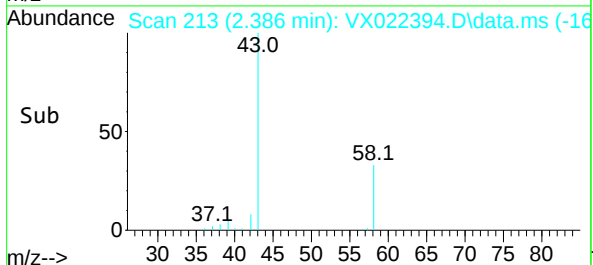
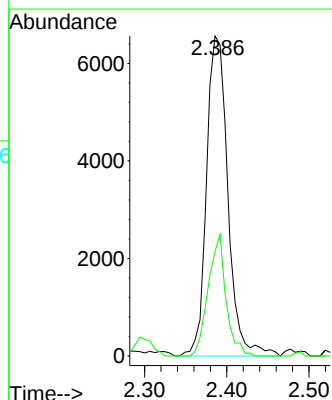
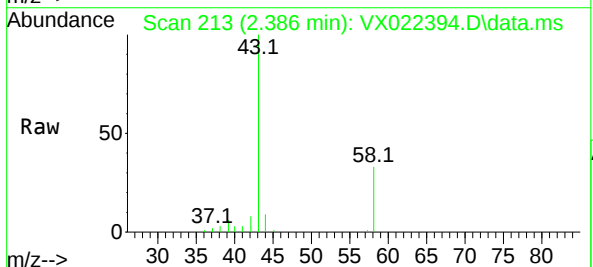
Tgt Ion: 59 Resp: 1692
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

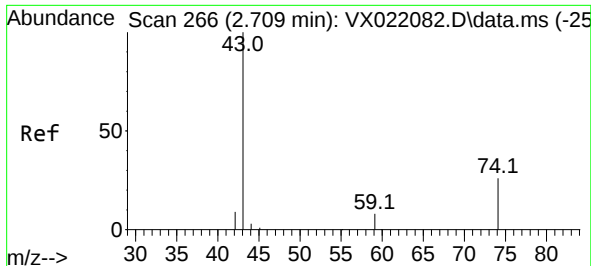


#16

Acetone
Concen: 29.24 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 43 Resp: 11837
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8

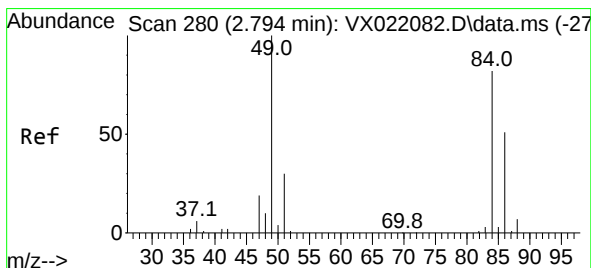
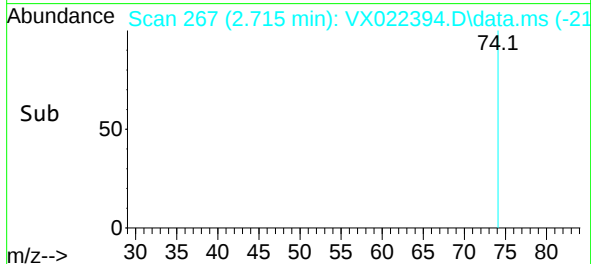
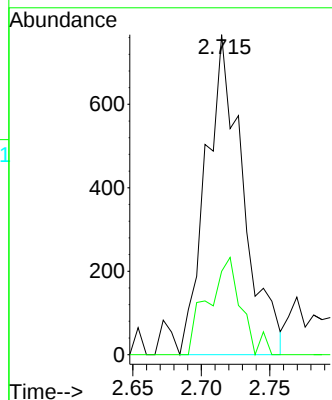
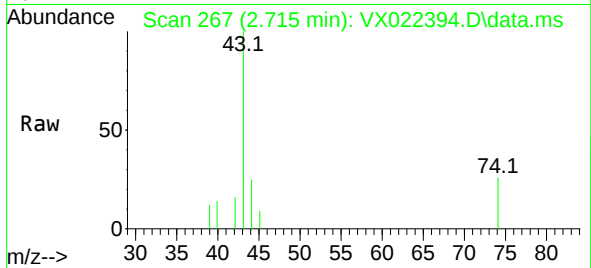




#18
Methyl Acetate
Concen: 1.34 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

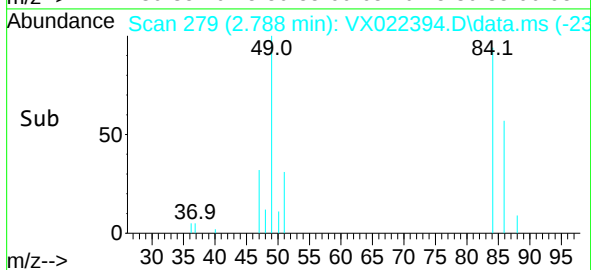
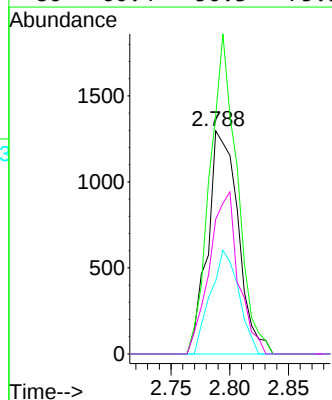
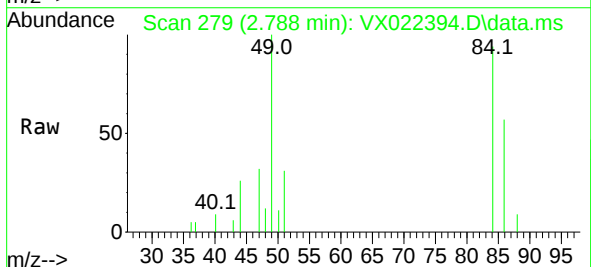
Instrument :
MSVOA_X
ClientSampled :

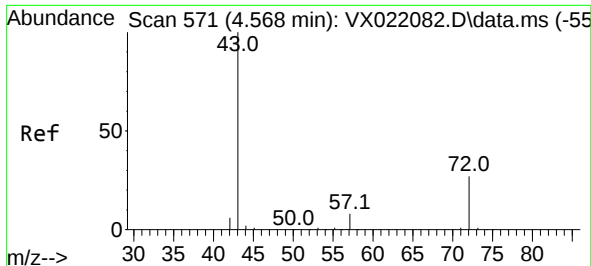
Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
74 27.2 21.9 32.9



#20
Methylene Chloride
Concen: 2.60 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 84 Resp: 2333
Ion Ratio Lower Upper
84 100
49 106.9 88.6 132.8
51 32.7 27.0 40.6
86 60.4 50.3 75.5

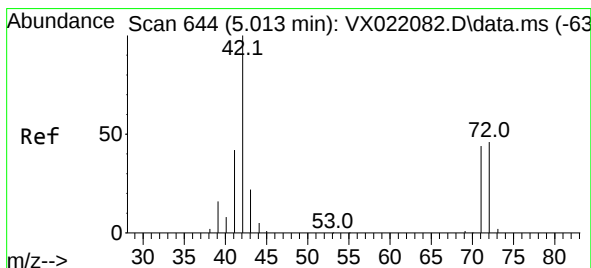
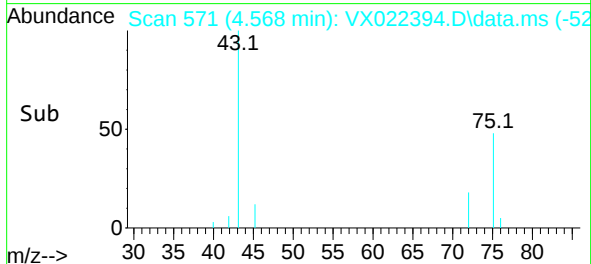
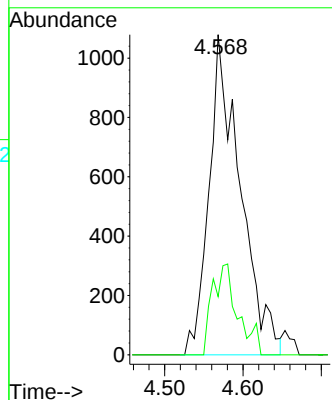
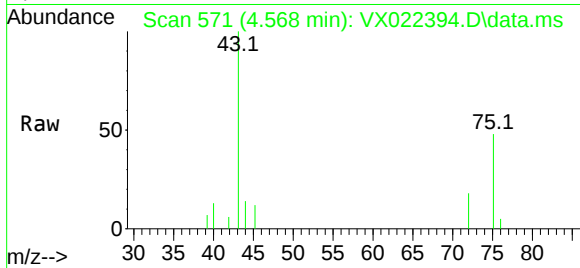




#25
2-Butanone
Concen: 4.55 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

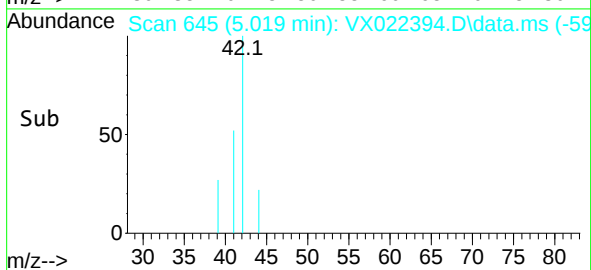
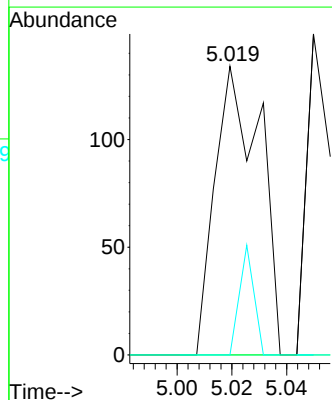
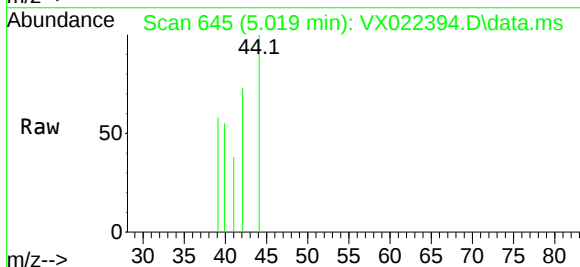
Instrument :
MSVOA_X
ClientSampled :

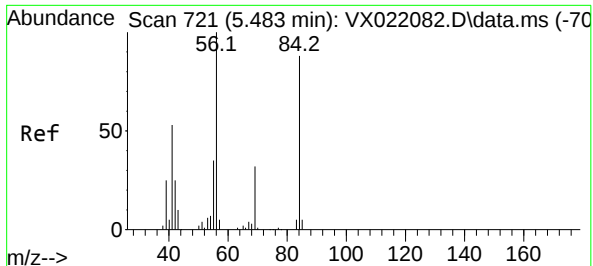
Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
72 18.2 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

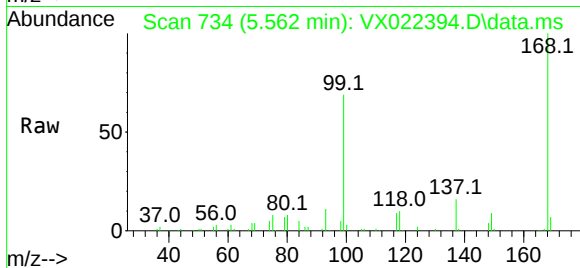
Tgt Ion: 42 Resp: 153
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 12.4 38.4 57.6#



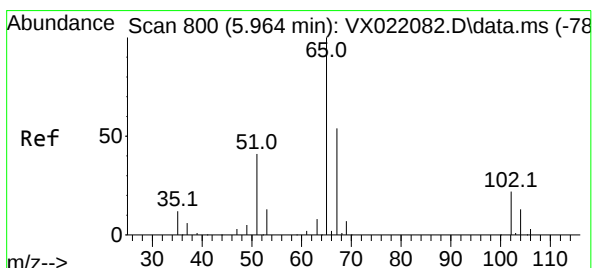
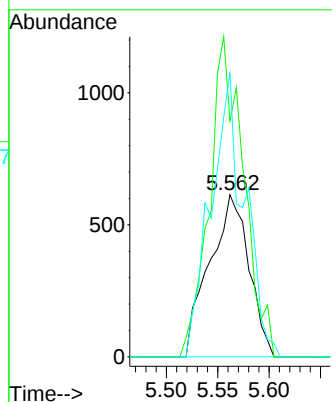
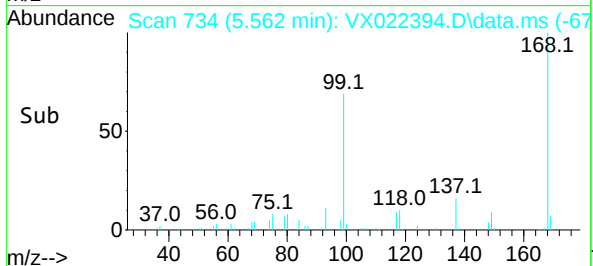


#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

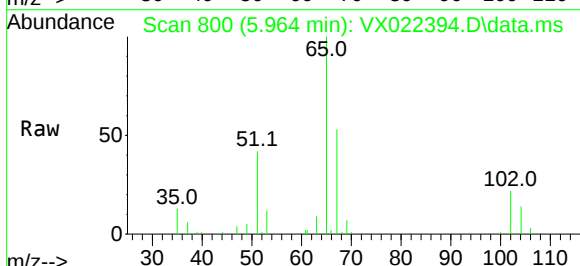
Instrument :
MSVOA_X
ClientSampled :



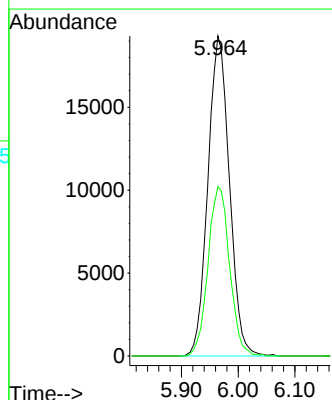
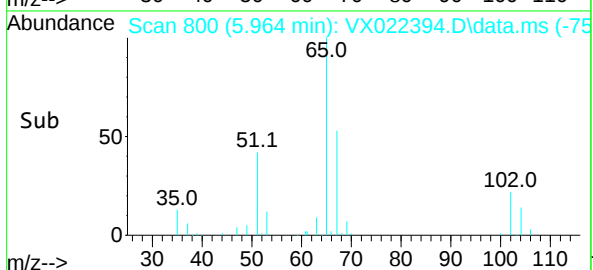
Tgt Ion: 56 Resp: 1632
Ion Ratio Lower Upper
56 100
69 145.8 25.3 37.9#
84 175.4 71.4 107.0#

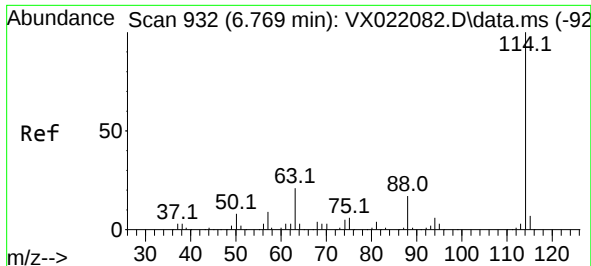


#33
1,2-Dichloroethane-d4
Concen: 54.72 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35



Tgt Ion: 65 Resp: 50876
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

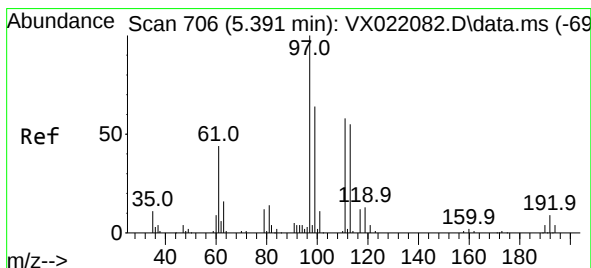
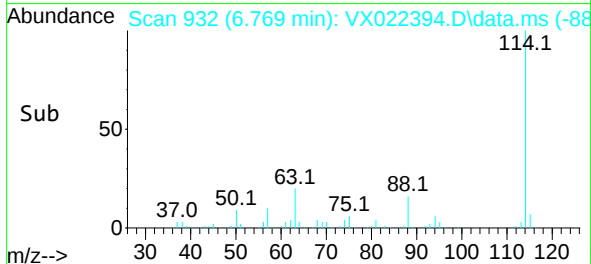
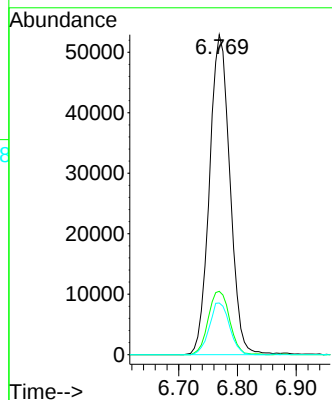
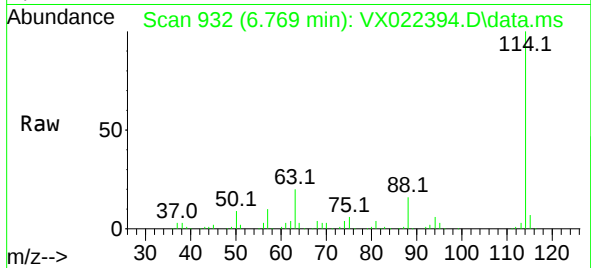




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

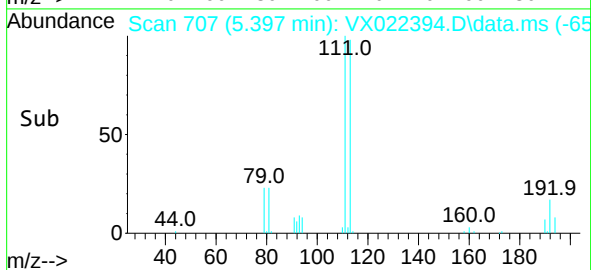
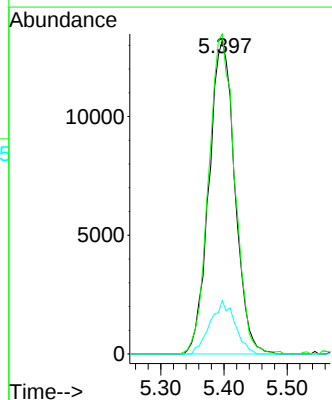
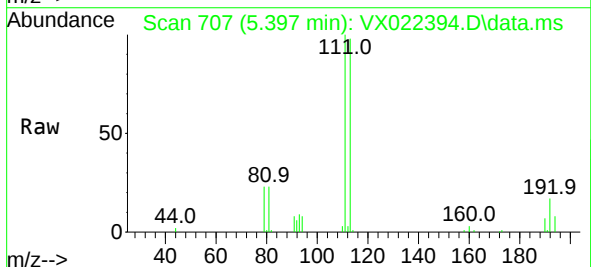
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MSVOA_X
ClientSampled :

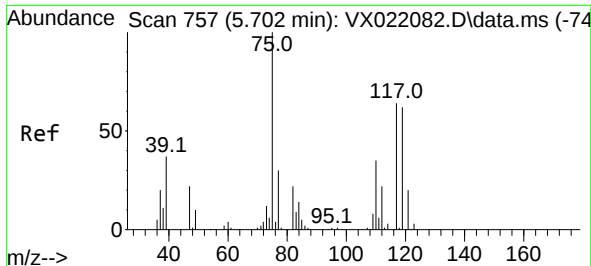
Tgt Ion:114 Resp: 127863
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.17 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

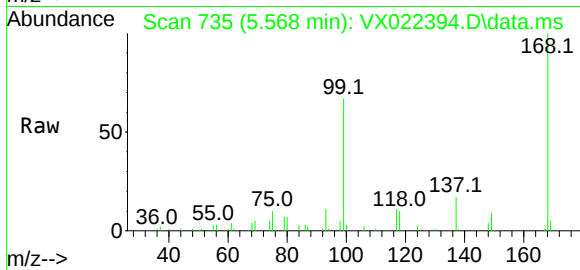
Tgt Ion:113 Resp: 37435
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 16.3 16.7 25.1#



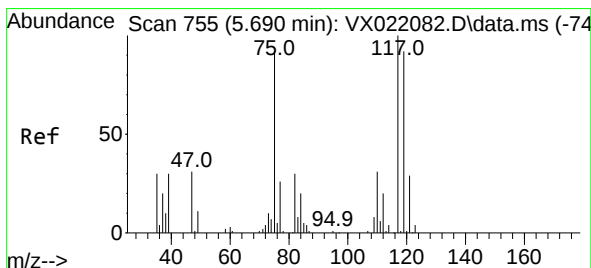
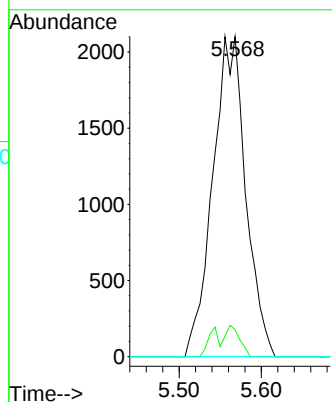
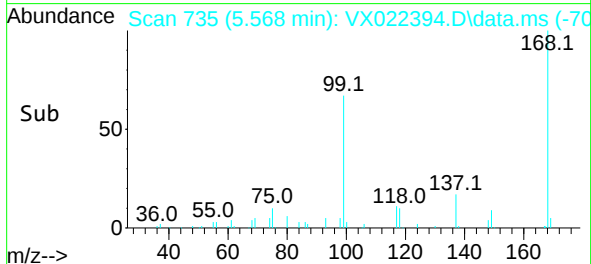


#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

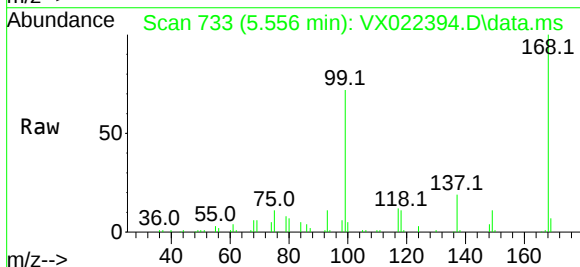
Instrument :
MSVOA_X
ClientSampled :



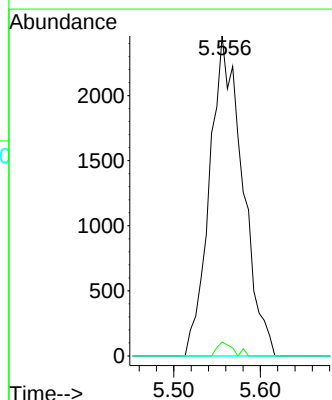
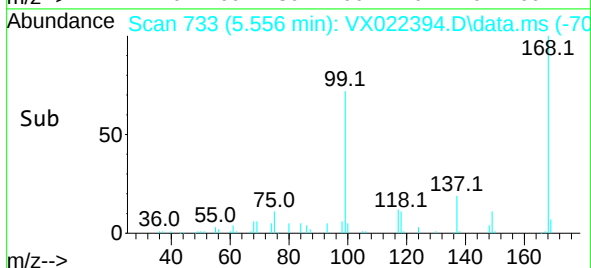
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Ion Ratio Lower Upper
75 100
110 4.3 18.1 54.4#
77 0.0 25.3 37.9#

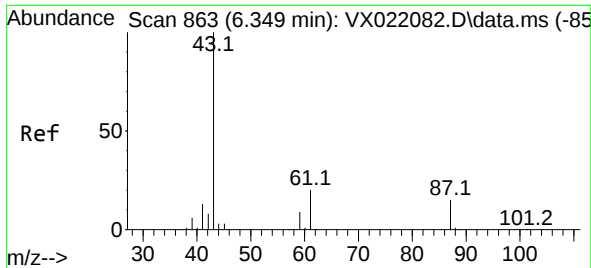


#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35



Tgt Ion: 117 Resp: 6477
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

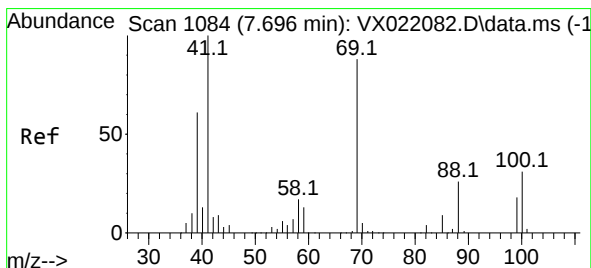
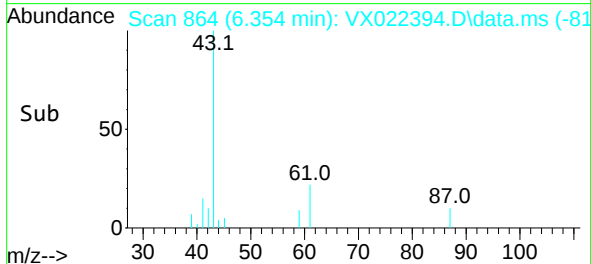
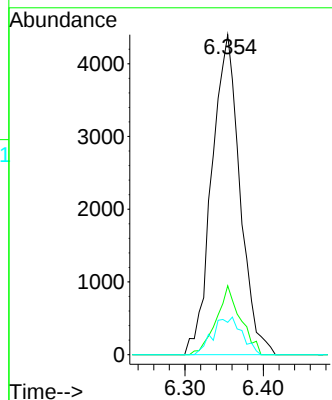
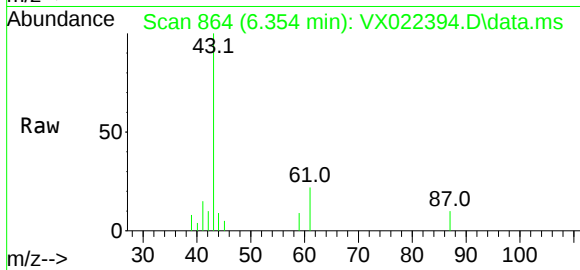




#43
Isopropyl Acetate
Concen: 4.62 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

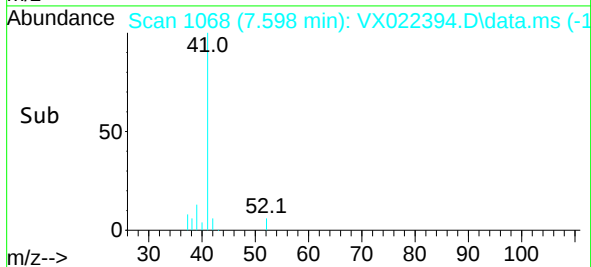
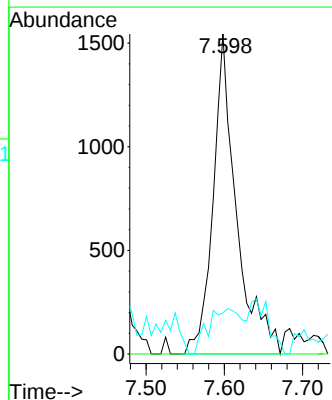
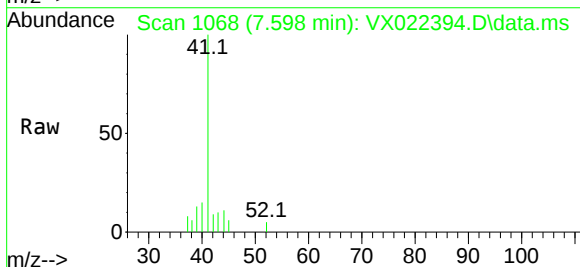
Instrument :
MSVOA_X
ClientSampled :

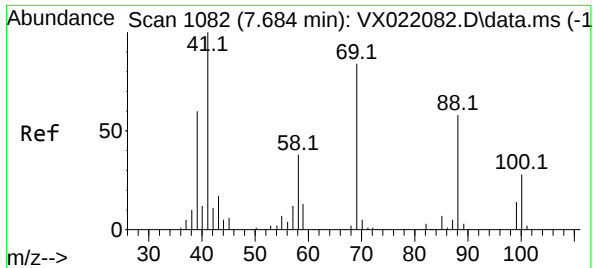
Tgt Ion: 43 Resp: 10944
Ion Ratio Lower Upper
43 100
61 18.7 18.2 27.4
87 12.1 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.92 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 41 Resp: 3192
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

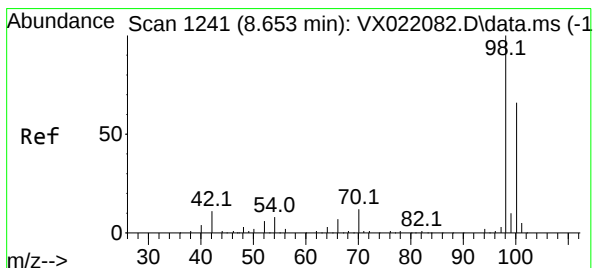
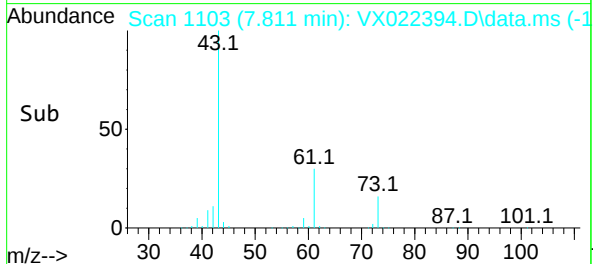
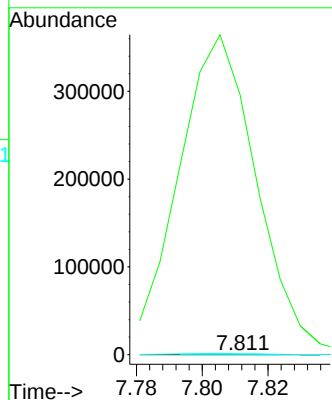
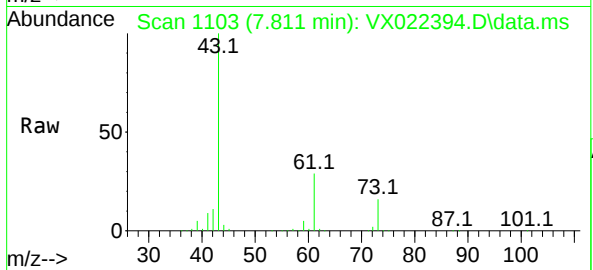




#49
1,4-Dioxane
Concen: 1.93 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. 0.127 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

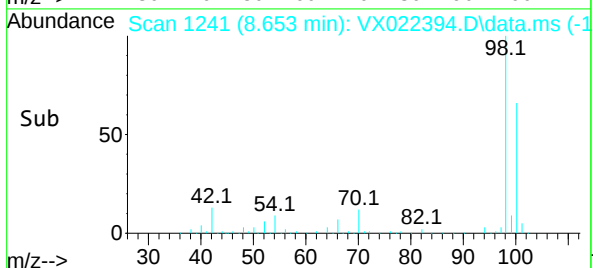
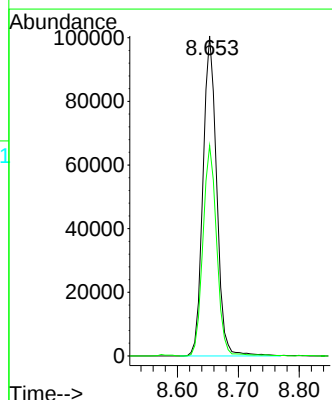
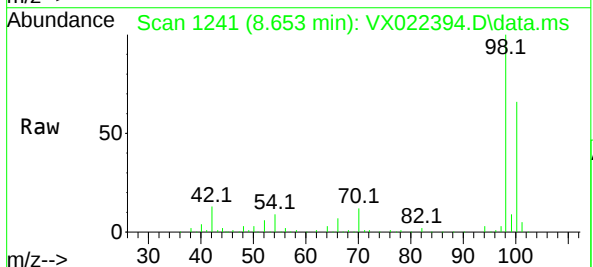
Instrument :
MSVOA_X
ClientSampleId :

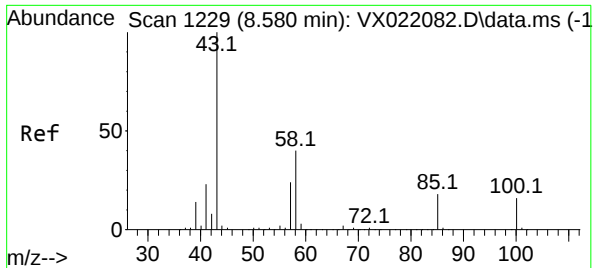
Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 1503378.0 23.2 34.8#
58 6534.1 55.0 82.4#



#50
Toluene-d8
Concen: 50.33 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 98 Resp: 157204
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

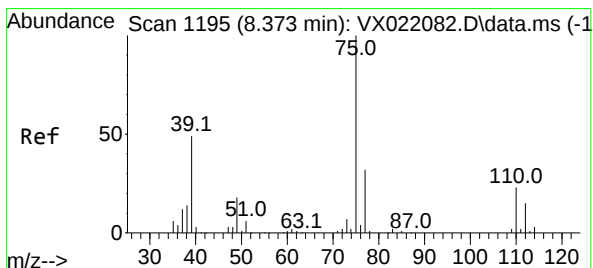
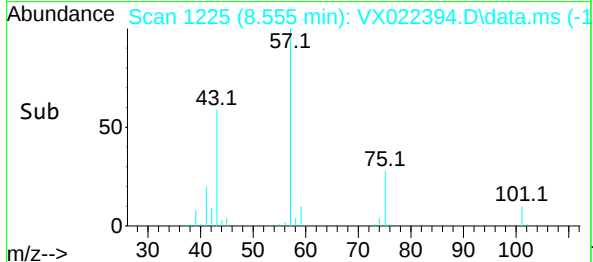
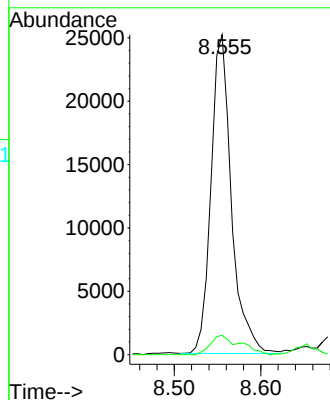
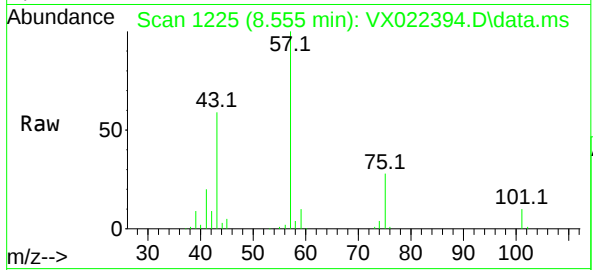




#51
4-Methyl-2-Pentanone
Concen: 28.95 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

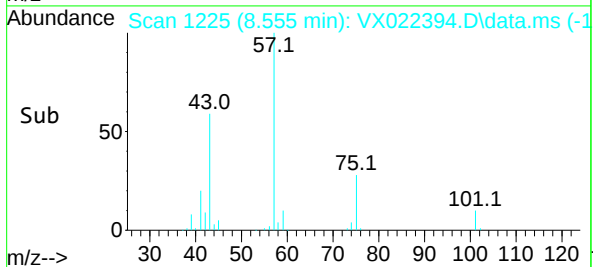
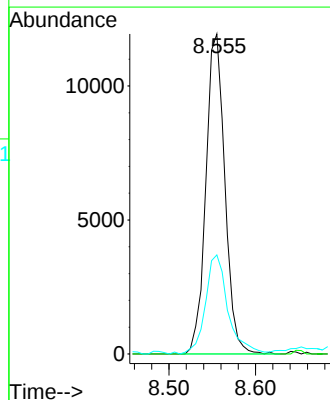
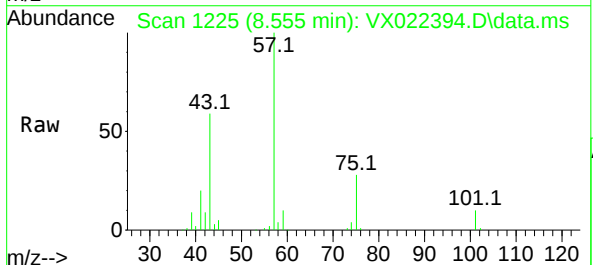
Instrument :
MSVOA_X
ClientSampled :

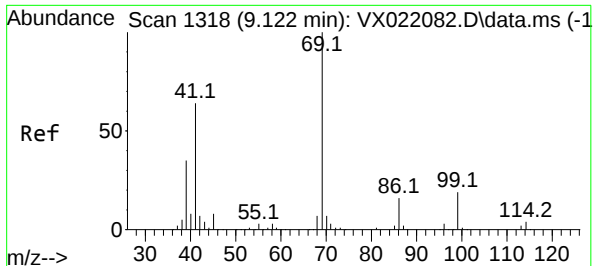
Tgt Ion: 43 Resp: 41111
Ion Ratio Lower Upper
43 100
58 8.9 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.64 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 75 Resp: 18193
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.9 35.1 52.7#

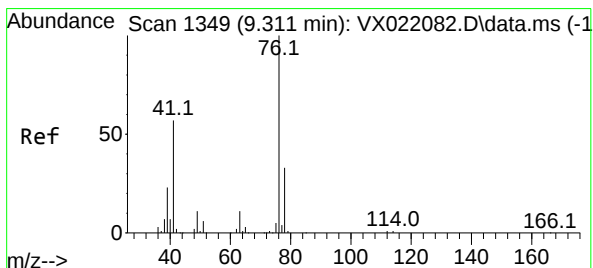
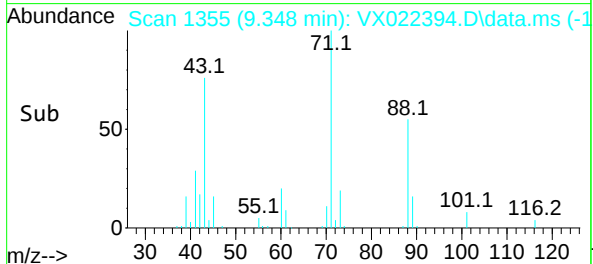
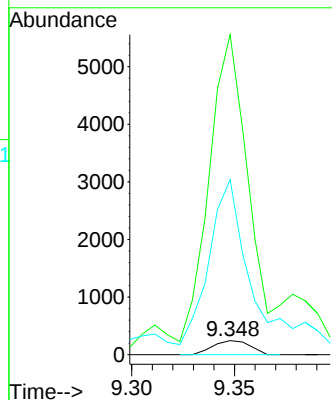
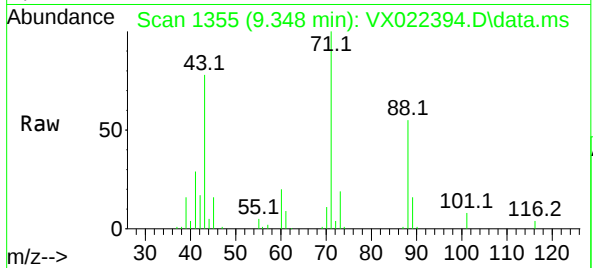




#56
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

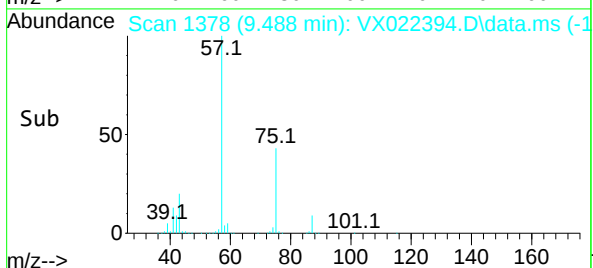
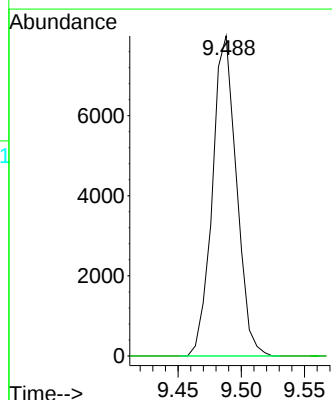
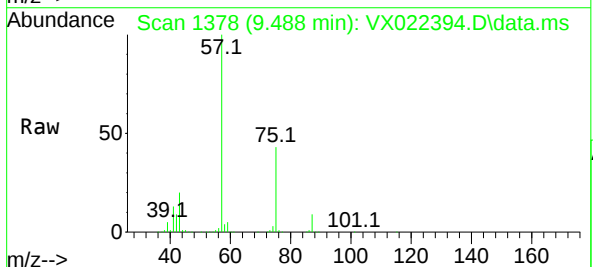
Instrument :
MSVOA_X
ClientSampled :

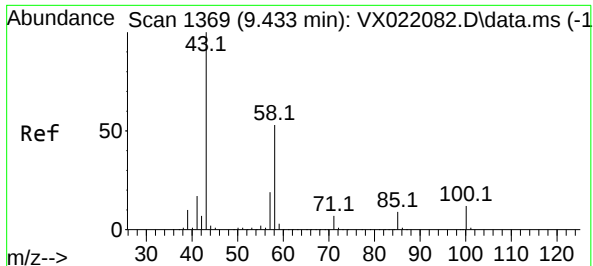
Tgt Ion: 69 Resp: 307
Ion Ratio Lower Upper
69 100
41 2281.8 46.8 70.2#
39 1303.3 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.63 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 76 Resp: 10583
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

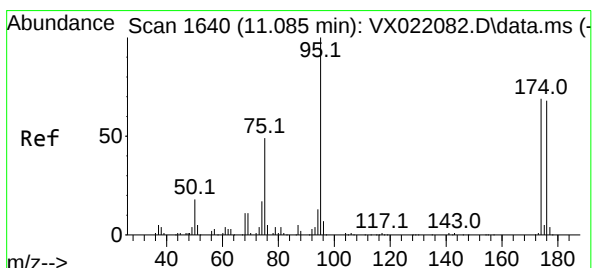
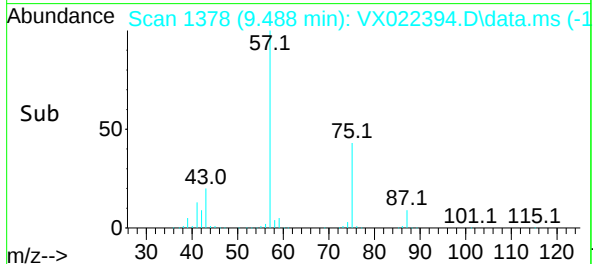
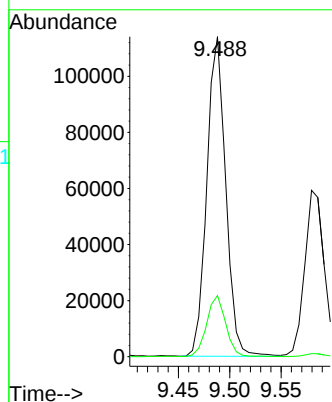
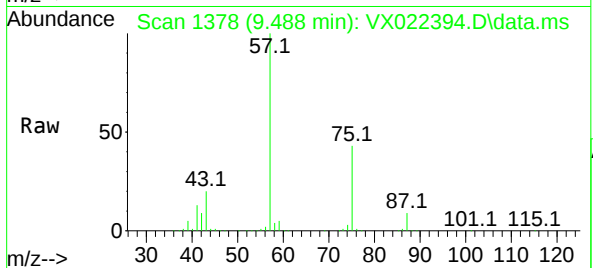




#59
2-Hexanone
Concen: 136.81 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

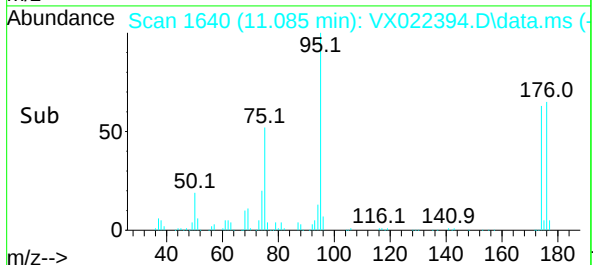
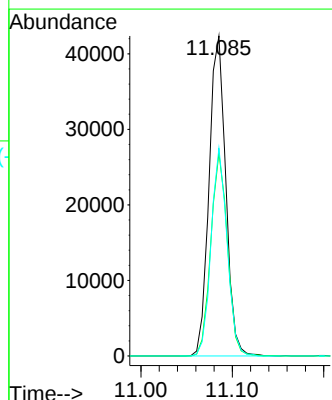
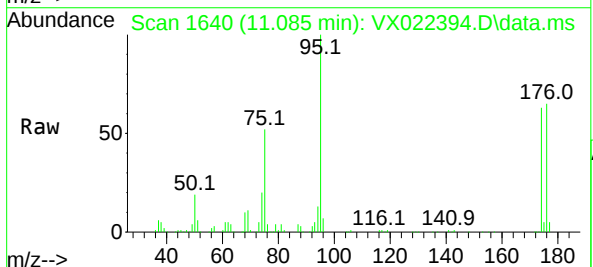
Instrument :
MSVOA_X
ClientSampled :

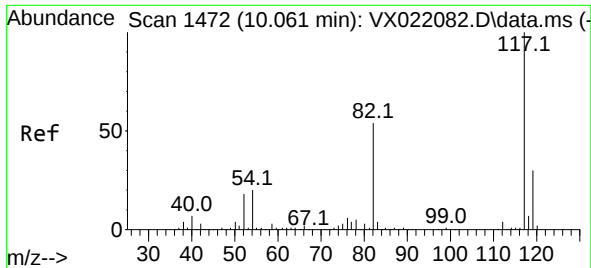
Tgt Ion: 43 Resp: 146123
Ion Ratio Lower Upper
43 100
58 19.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.42 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 95 Resp: 53593
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 62.4 0.0 155.8

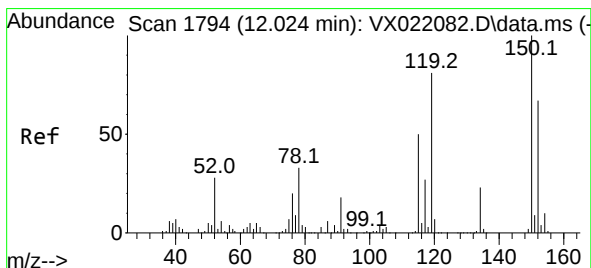
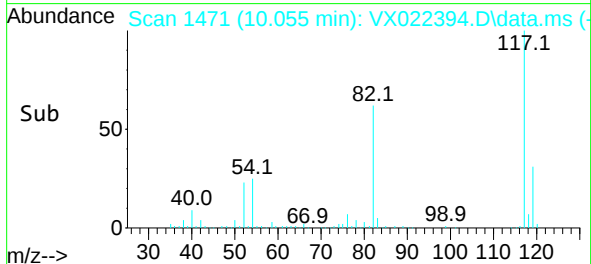
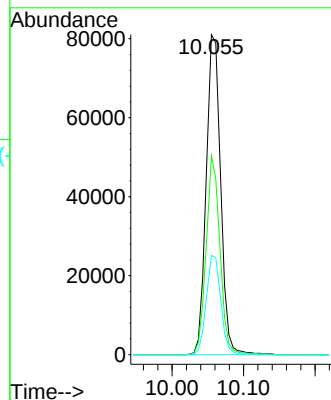
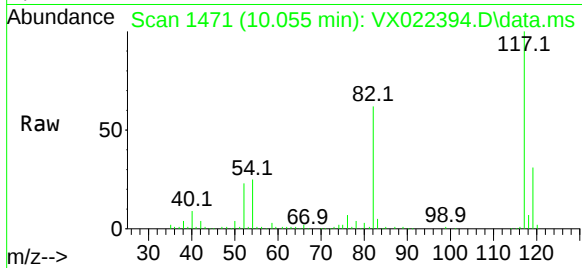




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

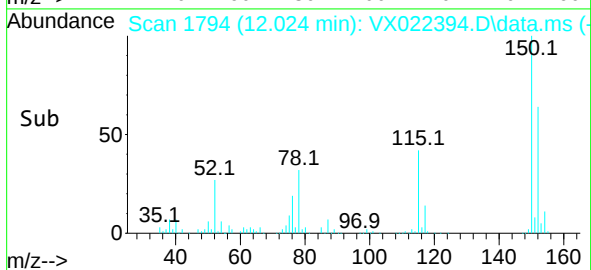
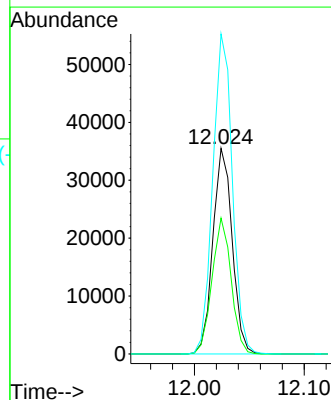
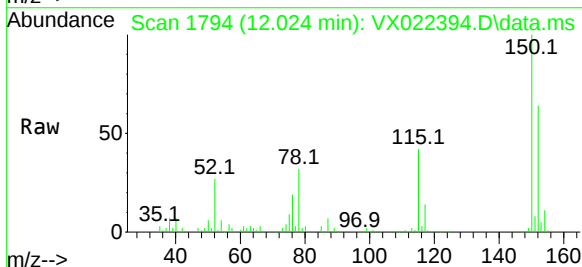
Instrument :
MSVOA_X
ClientSampled :

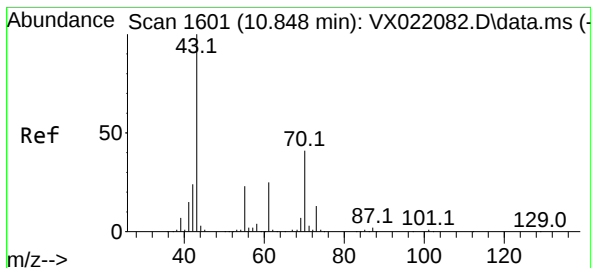
Tgt Ion:117 Resp: 114070
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

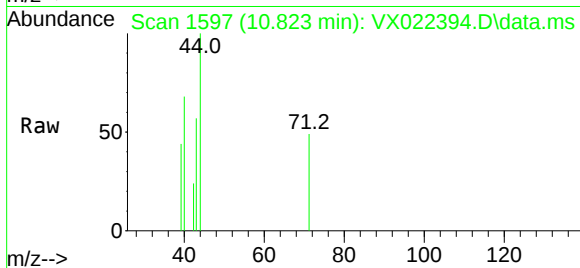
Tgt Ion:152 Resp: 43566
Ion Ratio Lower Upper
152 100
115 65.2 41.1 123.3
150 157.3 0.0 349.0



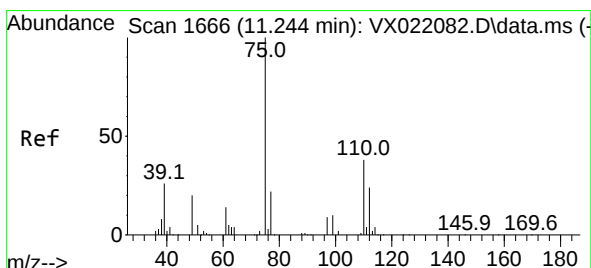
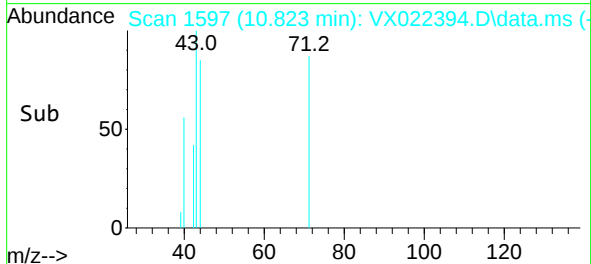
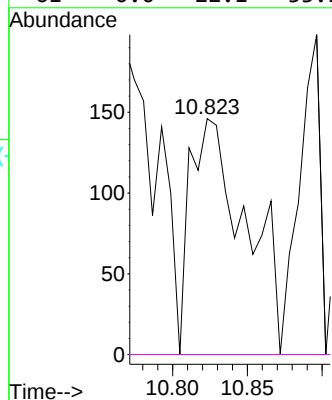


#74
N-amy1 acetate
Concen: 0.21 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.025 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Instrument :
MSVOA_X
ClientSampled :

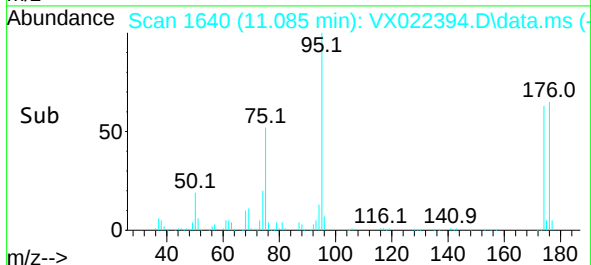
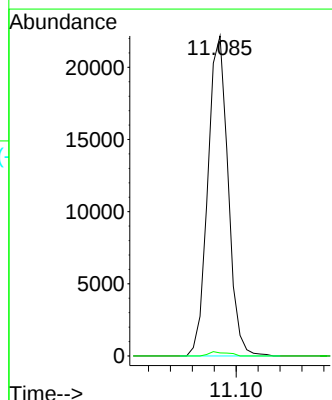
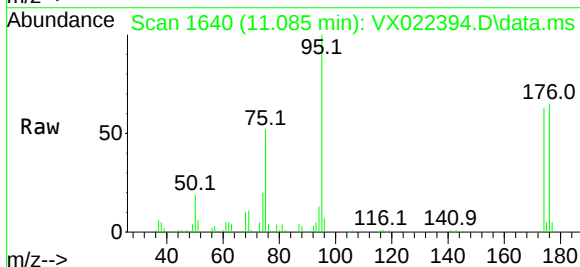


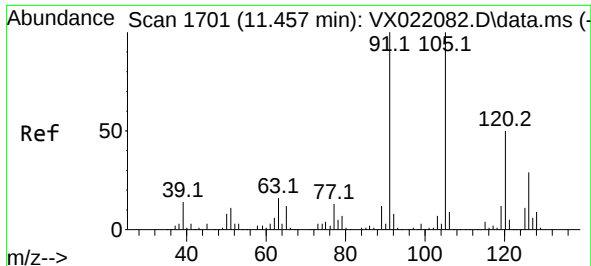
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.44 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 75 Resp: 28420
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

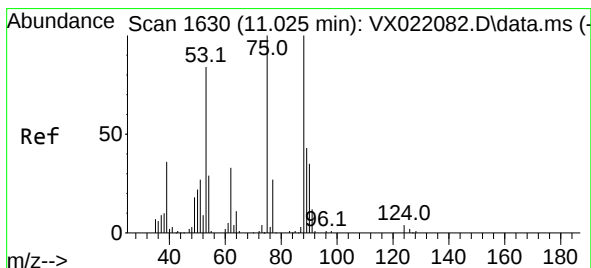
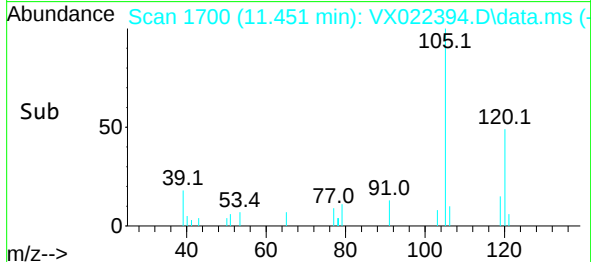
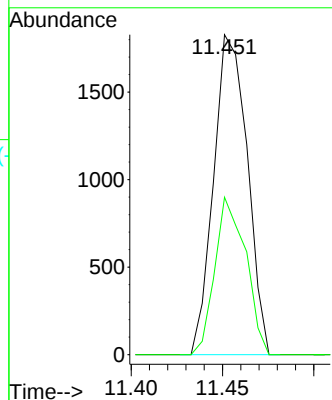
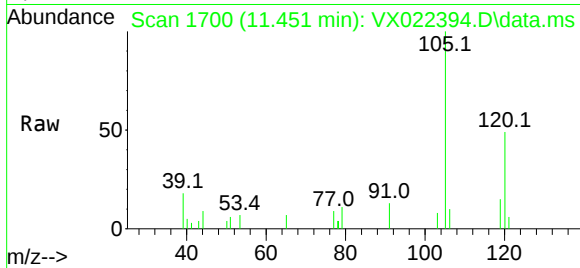




#80
1,3,5-Trimethylbenzene
Concen: 0.77 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2342
Ion Ratio Lower Upper
105 100
120 45.1 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.65 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022394.D
Acq: 04 Jun 2021 02:35

Tgt Ion: 75 Resp: 28420
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

