

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022402.D
 Acq On : 04 Jun 2021 05:43
 Operator : JC/MD
 Sample : PB36780ZHE#17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

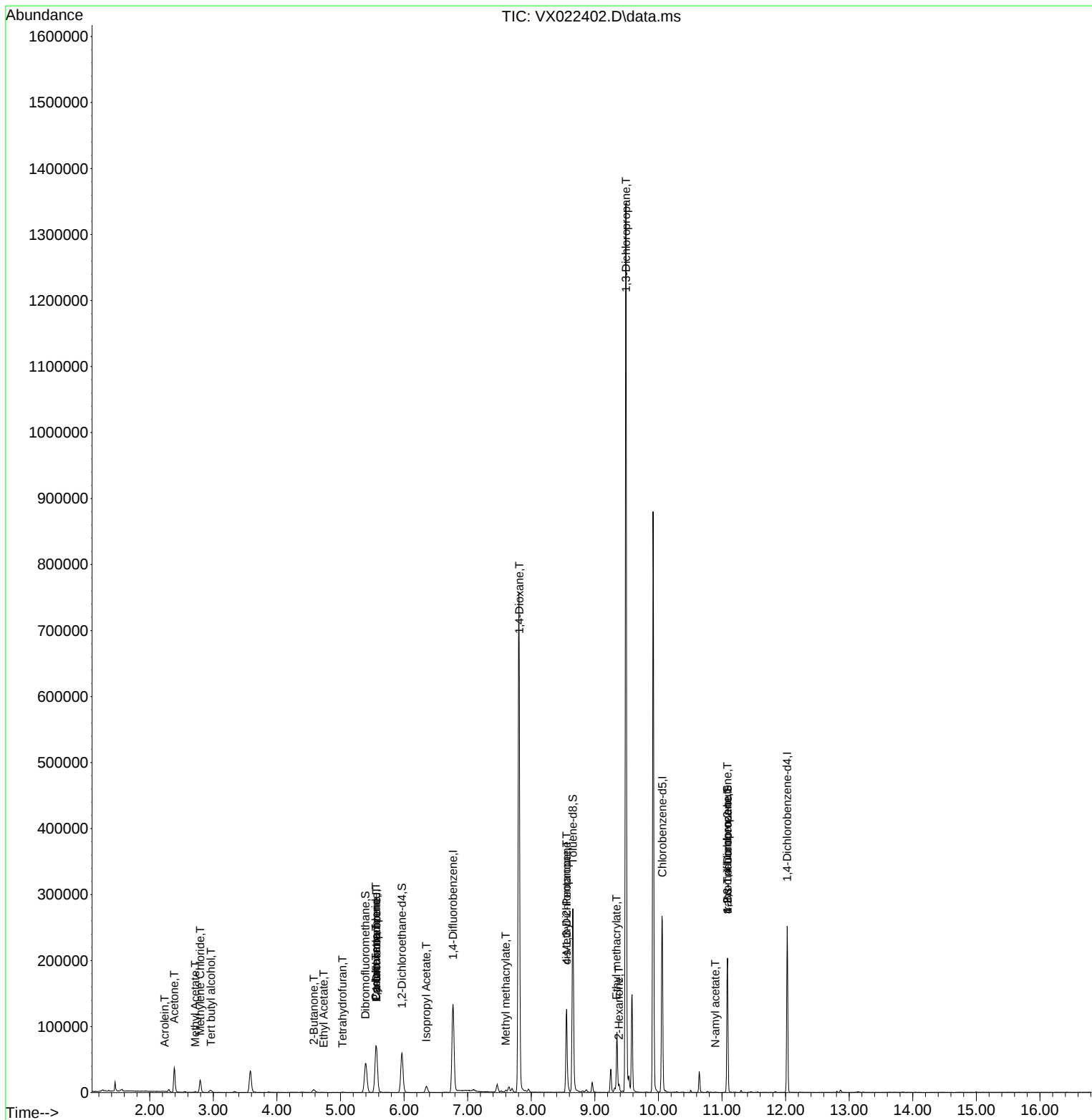
Quant Time: Jun 04 07:09:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

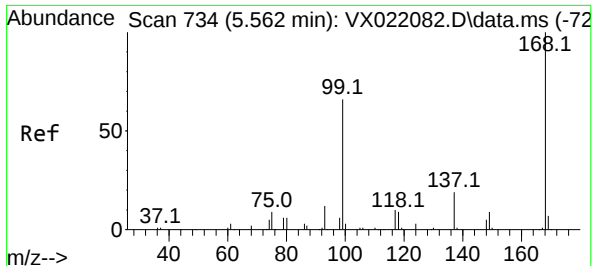
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	60939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	130382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	118681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54561	58.04	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.08%			
35) Dibromofluoromethane	5.391	113	38862	47.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.00%			
50) Toluene-d8	8.653	98	161960	50.85	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.70%			
62) 4-Bromofluorobenzene	11.086	95	57261	48.64	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.28%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	3381	15.73	ug/l #	79
13) Acrolein	2.233	56	47	0.33	ug/l #	79
16) Acetone	2.386	43	38931	95.11	ug/l	94
18) Methyl Acetate	2.715	43	1628	1.50	ug/l #	75
20) Methylene Chloride	2.794	84	7990	8.79	ug/l	93
25) 2-Butanone	4.581	43	5458	8.24	ug/l	90
29) Tetrahydrofuran	5.032	42	405	1.03	ug/l #	57
31) Cyclohexane	5.556	56	1709	1.45	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5893	4.89	ug/l #	48
37) Ethyl Acetate	4.733	43	366	0.25	ug/l #	64
38) Carbon Tetrachloride	5.556	117	7129	6.04	ug/l #	15
43) Isopropyl Acetate	6.349	43	12795	5.29	ug/l #	93
48) Methyl methacrylate	7.598	41	4229	3.80	ug/l #	10
49) 1,4-Dioxane	7.812	88	68	3.13	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	47235	32.62	ug/l #	40
54) cis-1,3-Dichloropropene	8.555	75	19934	12.50	ug/l #	64
56) Ethyl methacrylate	9.342	69	461	0.30	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	11165	6.86	ug/l #	42
59) 2-Hexanone	9.379	43	5386	4.95	ug/l #	19
74) N-amyl acetate	10.897	43	460	0.25	ug/l #	38
76) 1,2,3-Trichloropropane	11.086	75	29733	26.25	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	29733	62.19	ug/l #	12

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

Quant Time: Jun 04 07:09:53 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

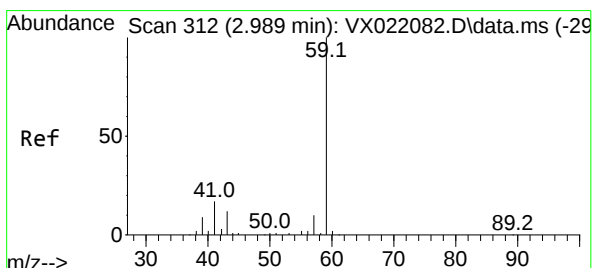
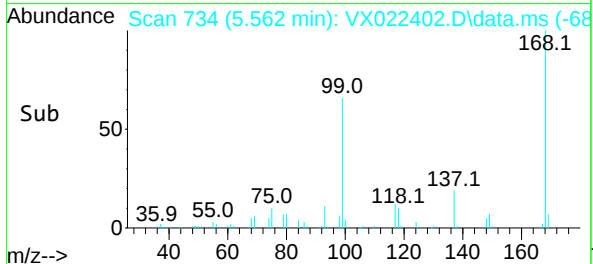
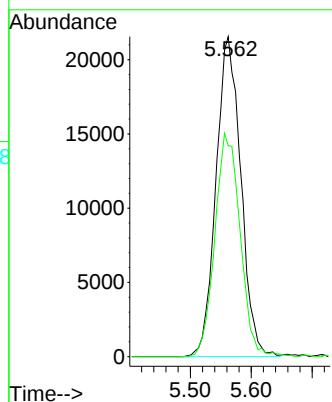
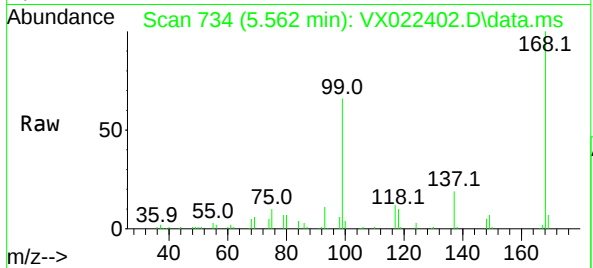




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

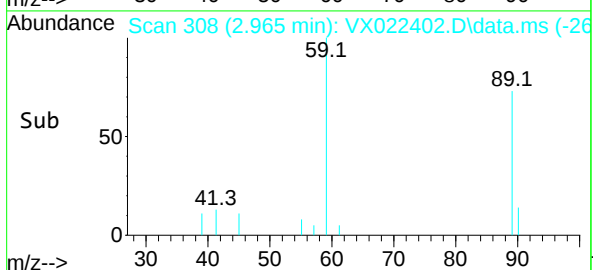
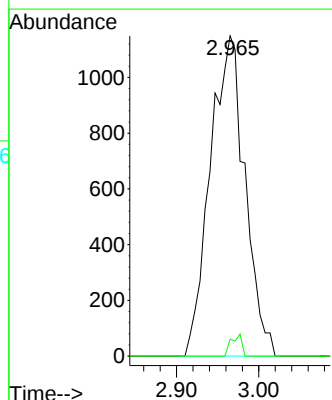
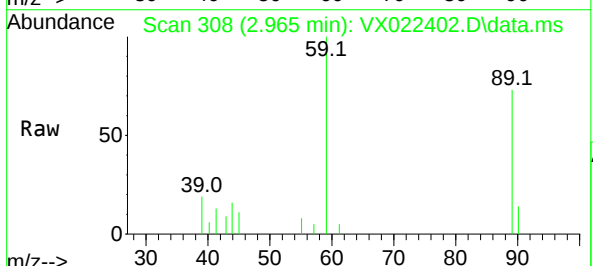
Instrument :
MSVOA_X
ClientSampled :

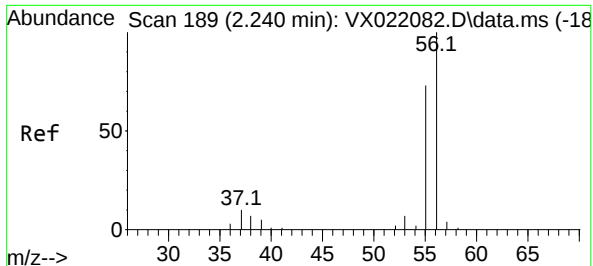
Tgt Ion:168 Resp: 60939
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#11
Tert butyl alcohol
Concen: 15.73 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 59 Resp: 3381
Ion Ratio Lower Upper
59 100
57 2.1 7.8 11.8#

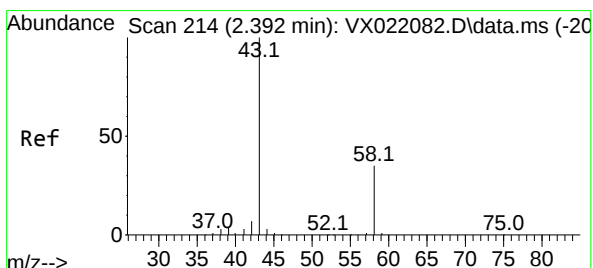
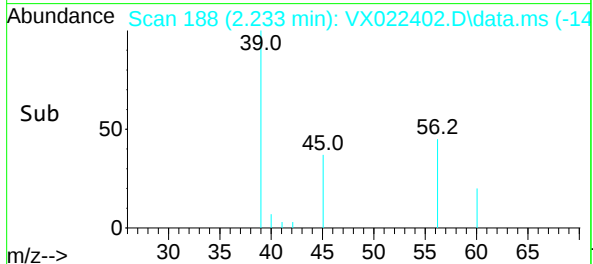
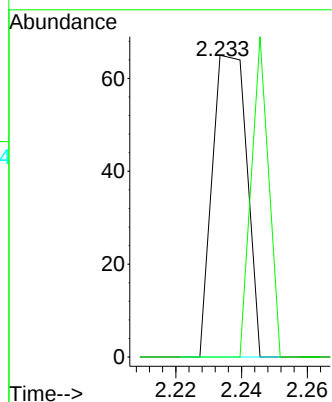
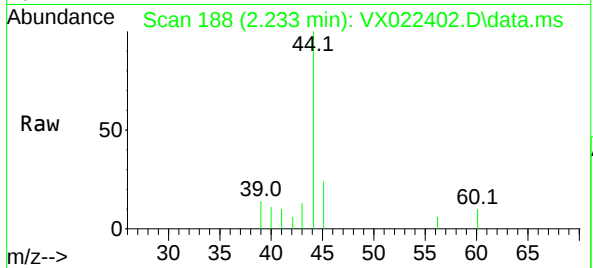




#13
Acrolein
Concen: 0.33 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

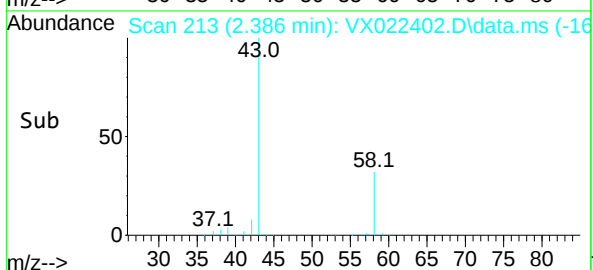
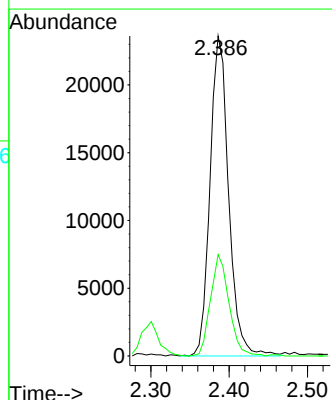
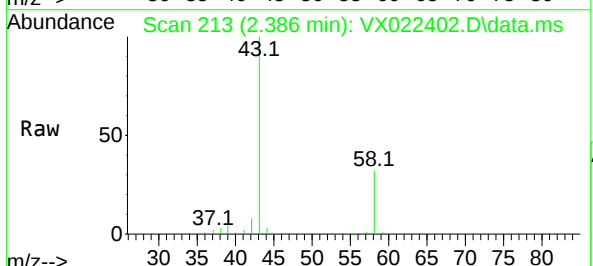
Instrument :
MSVOA_X
ClientSampled :

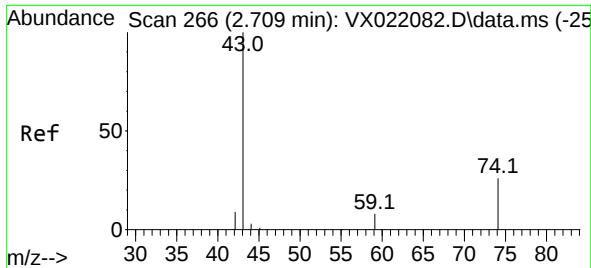
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 53.2 56.4 84.6#



#16
Acetone
Concen: 95.11 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 43 Resp: 38931
Ion Ratio Lower Upper
43 100
58 31.5 27.8 41.8

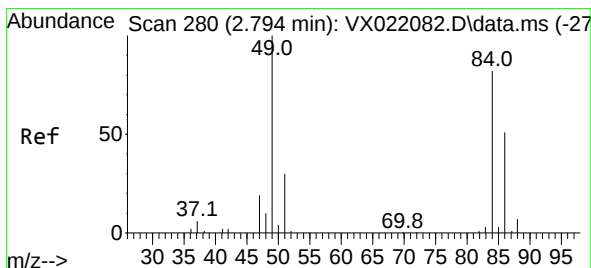
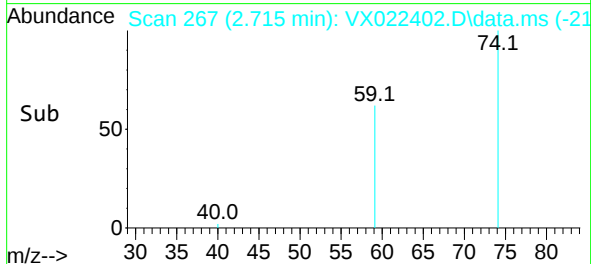
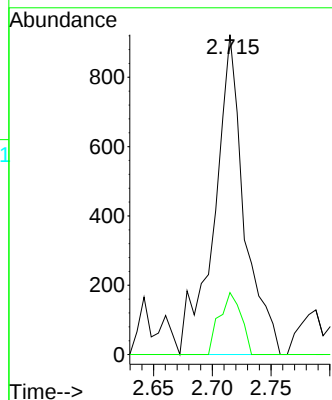
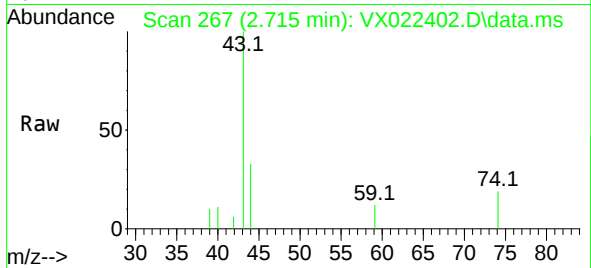




#18
Methyl Acetate
Concen: 1.50 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

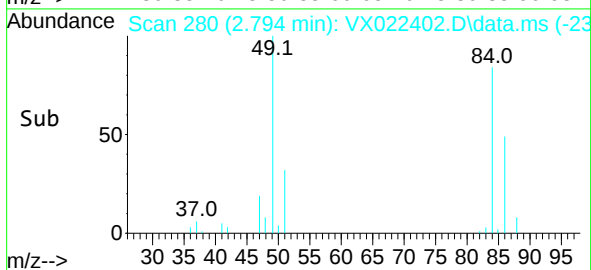
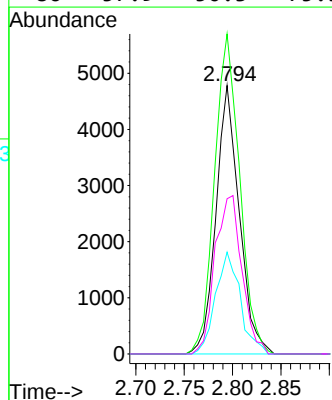
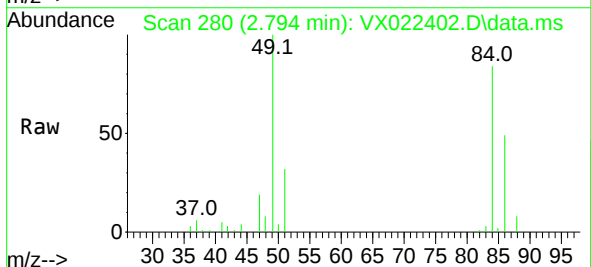
Instrument :
MSVOA_X
ClientSampled :

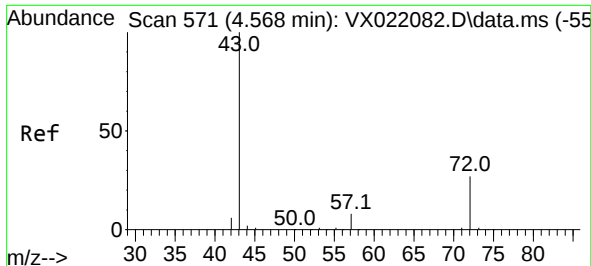
Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
74 14.2 21.9 32.9#



#20
Methylene Chloride
Concen: 8.79 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 84 Resp: 7990
Ion Ratio Lower Upper
84 100
49 119.2 88.6 132.8
51 37.9 27.0 40.6
86 57.9 50.3 75.5

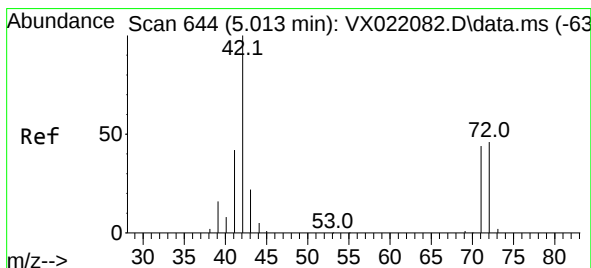
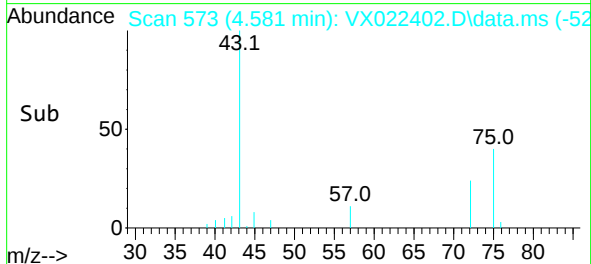
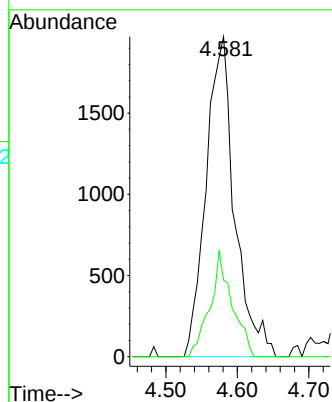
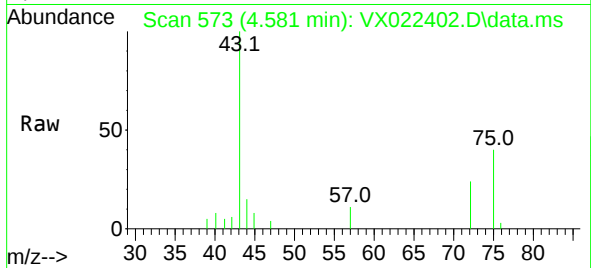




#25
2-Butanone
Concen: 8.24 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

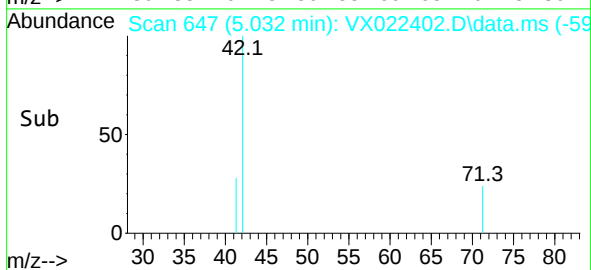
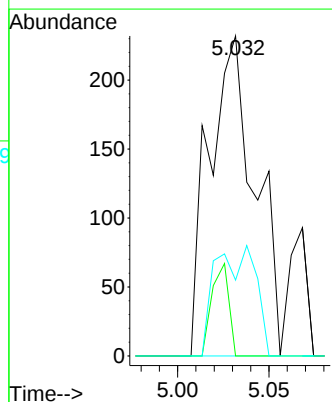
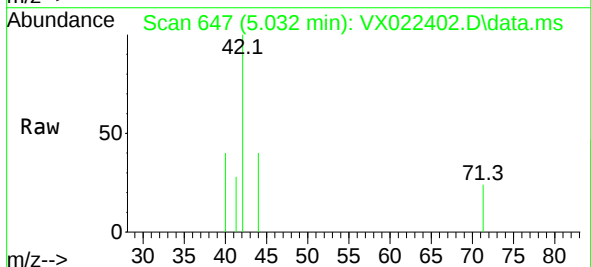
Instrument :
MSVOA_X
ClientSampled :

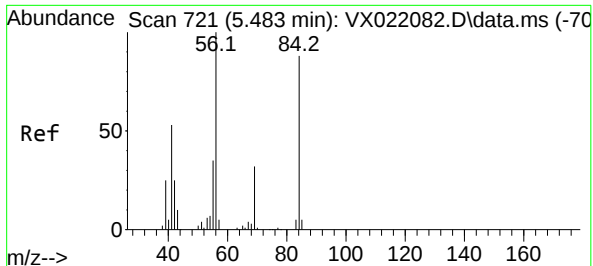
Tgt Ion: 43 Resp: 5458
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.03 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

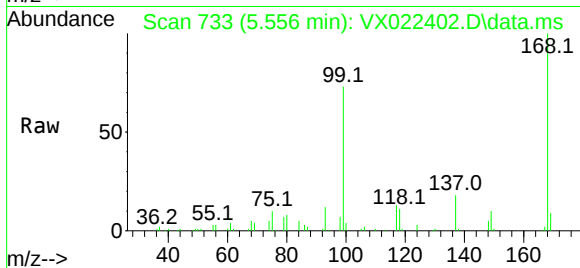
Tgt Ion: 42 Resp: 405
Ion Ratio Lower Upper
42 100
72 10.6 41.7 62.5#
71 30.1 38.4 57.6#



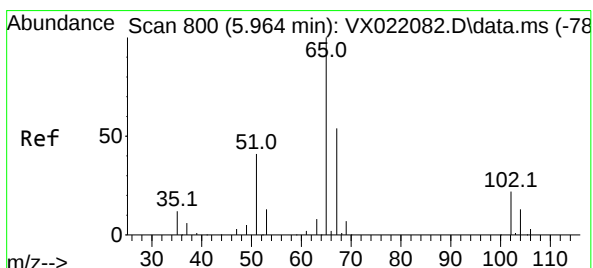
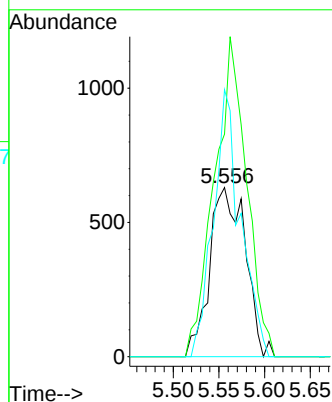
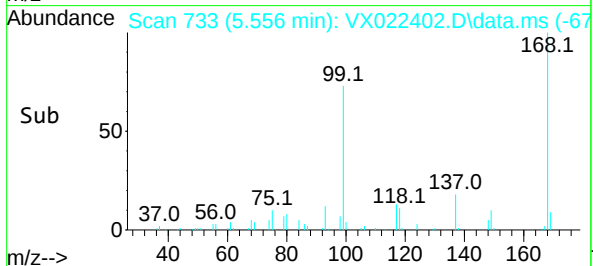


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

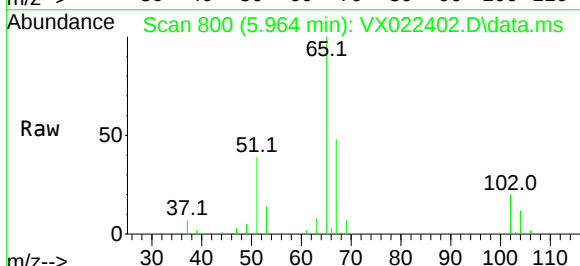
Instrument :
MSVOA_X
ClientSampled :



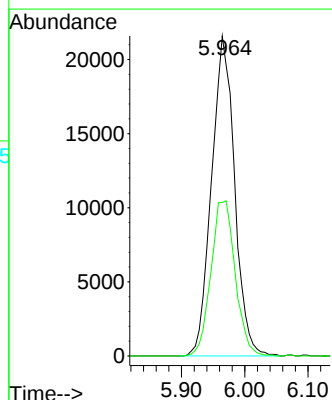
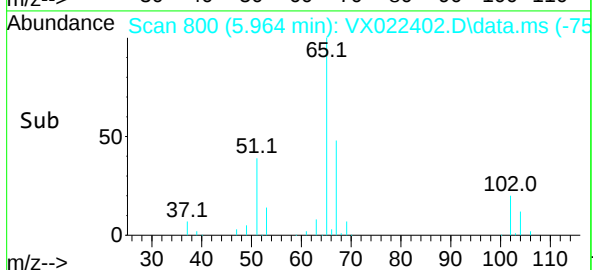
Tgt Ion: 56 Resp: 1709
Ion Ratio Lower Upper
56 100
69 131.6 25.3 37.9#
84 157.9 71.4 107.0#

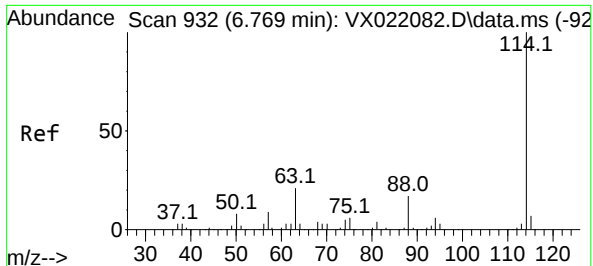


#33
1,2-Dichloroethane-d4
Concen: 58.04 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43



Tgt Ion: 65 Resp: 54561
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

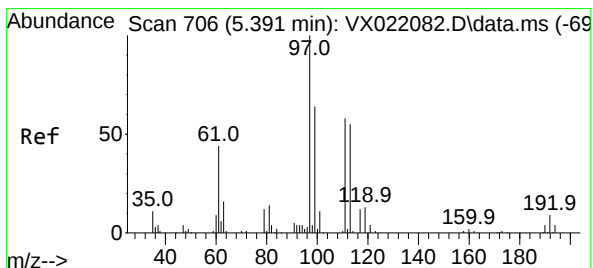
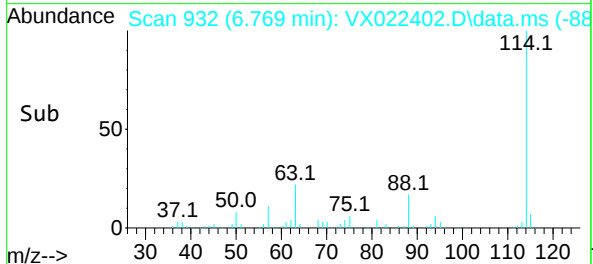
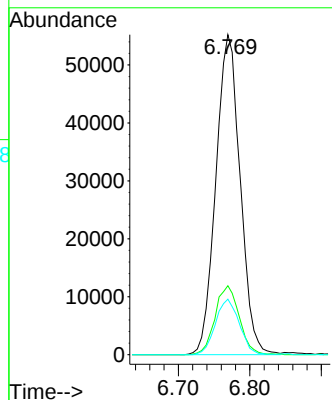
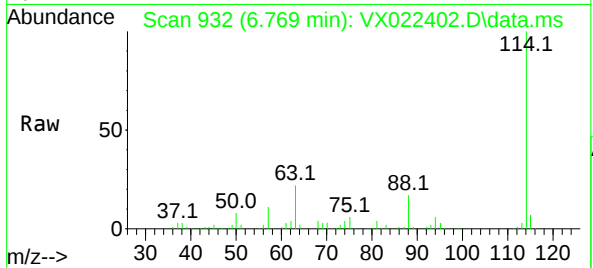




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

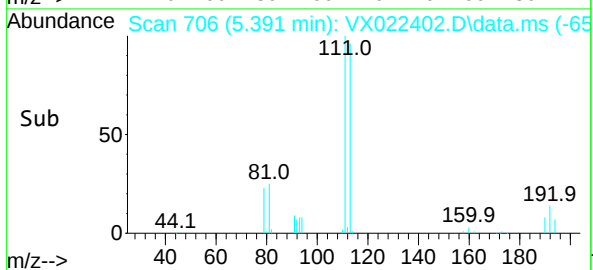
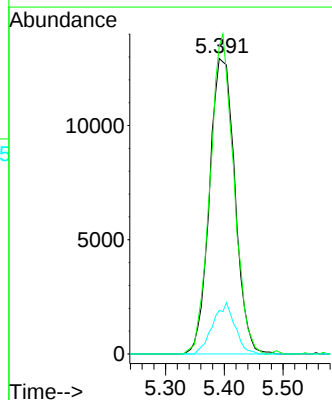
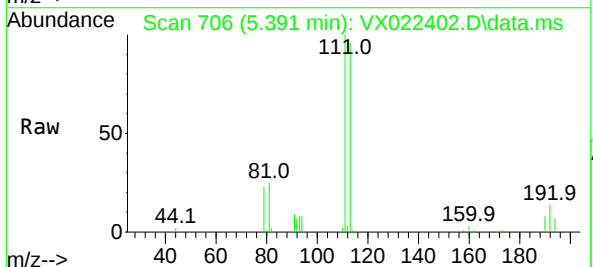
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MSVOA_X
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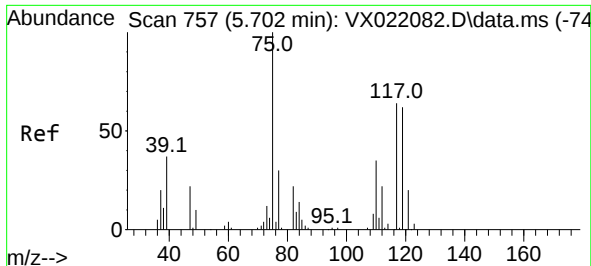
Tgt Ion:114 Resp: 130382
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.00 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion:113 Resp: 38862
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 15.1 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.89 ug/l

RT: 5.562 min Scan# 734

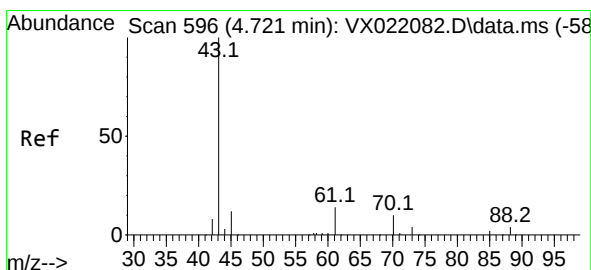
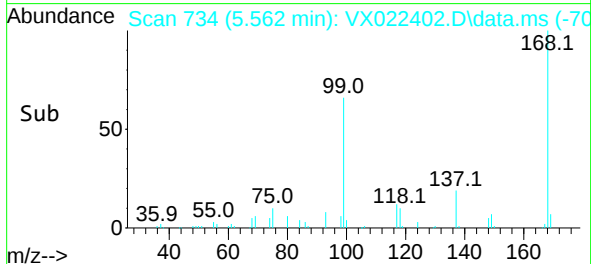
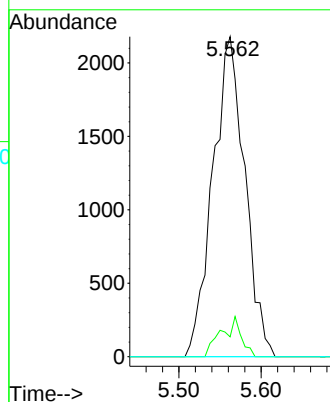
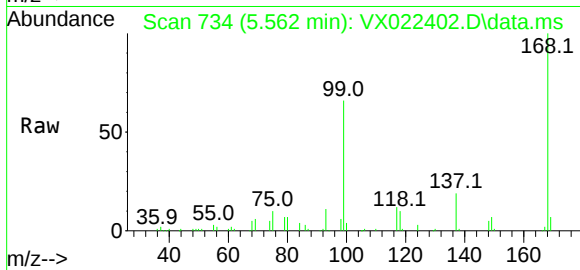
Delta R.T. -0.140 min

Lab File: VX022402.D

Acq: 04 Jun 2021 05:43

Tgt Ion:	75	Resp:	5893
Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#37

Ethyl Acetate

Concen: 0.25 ug/l

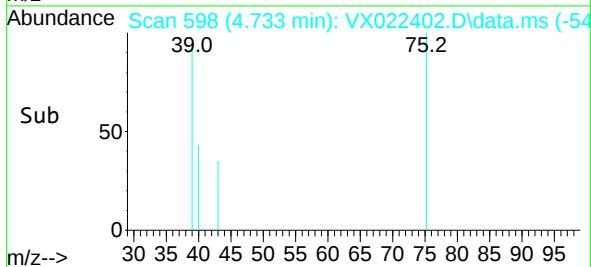
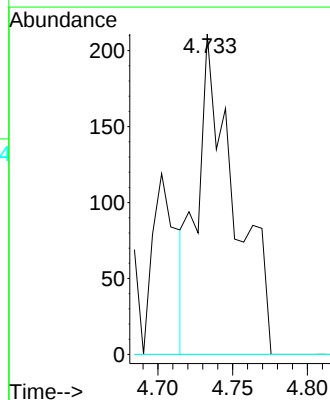
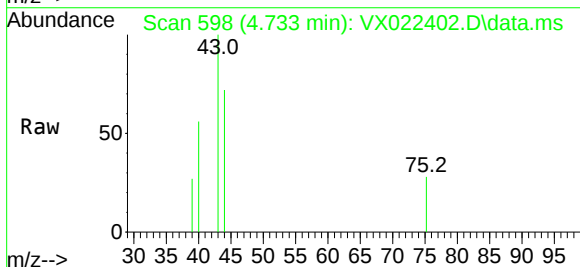
RT: 4.733 min Scan# 598

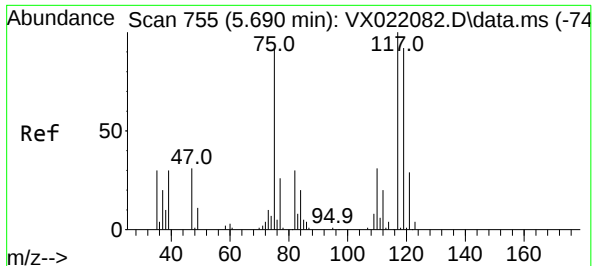
Delta R.T. 0.012 min

Lab File: VX022402.D

Acq: 04 Jun 2021 05:43

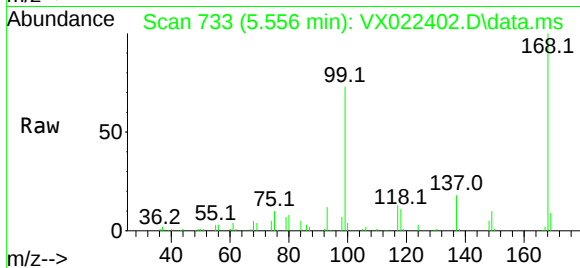
Tgt Ion:	43	Resp:	366
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



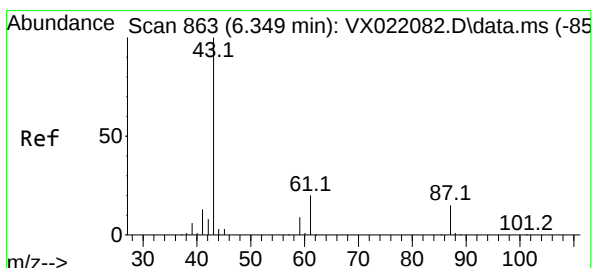
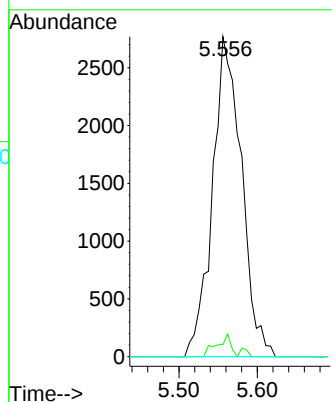
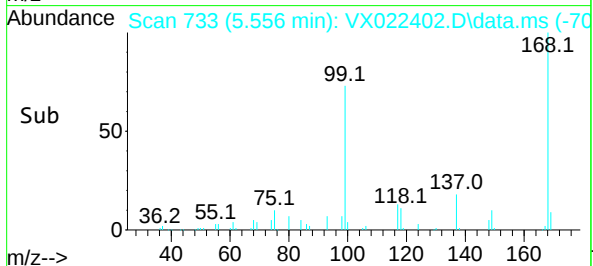


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

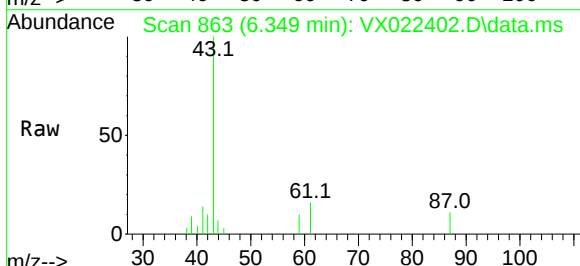
Instrument :
MSVOA_X
ClientSampled :



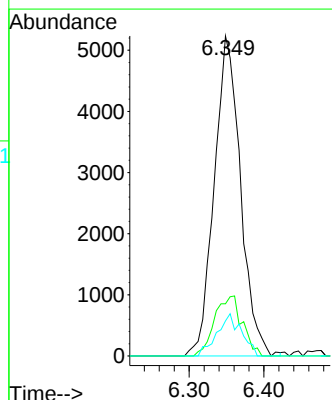
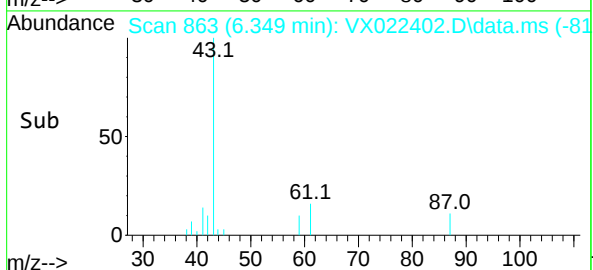
Tgt Ion:117 Resp: 7129
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

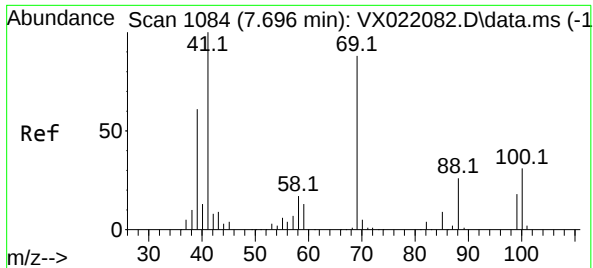


#43
Isopropyl Acetate
Concen: 5.29 ug/l
RT: 6.349 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43



Tgt Ion: 43 Resp: 12795
Ion Ratio Lower Upper
43 100
61 19.8 18.2 27.4
87 12.2 12.5 18.7#

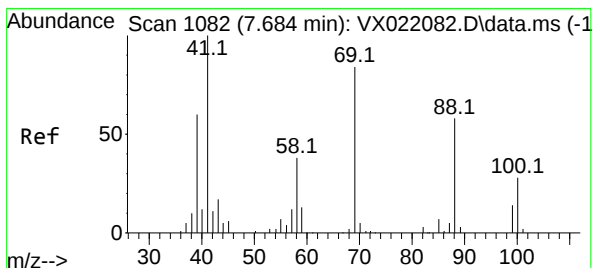
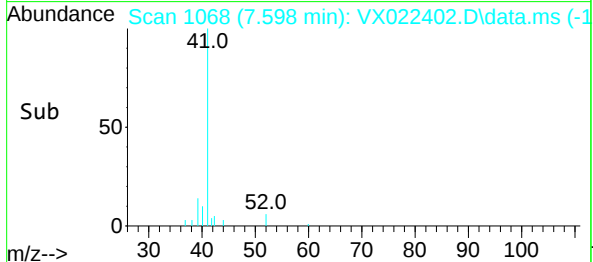
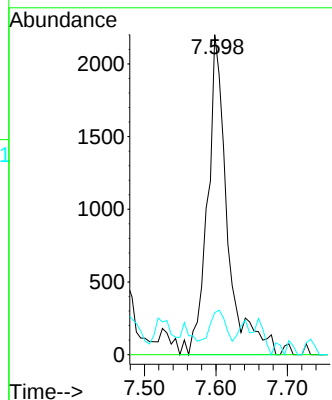
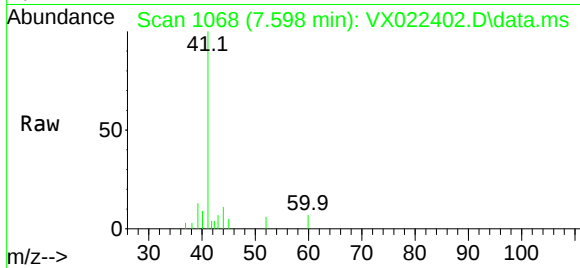




#48
Methyl methacrylate
Concen: 3.80 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

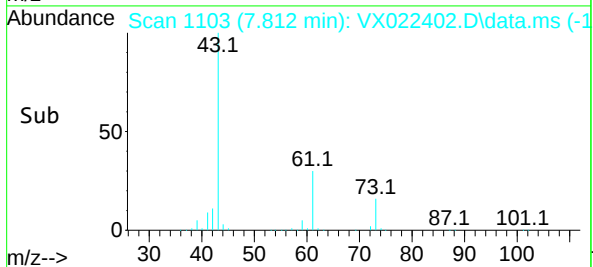
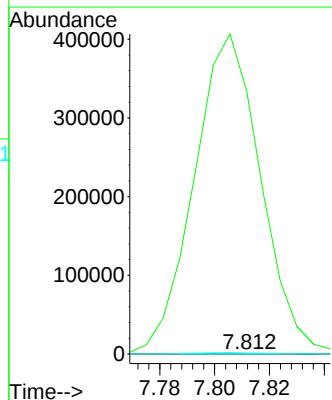
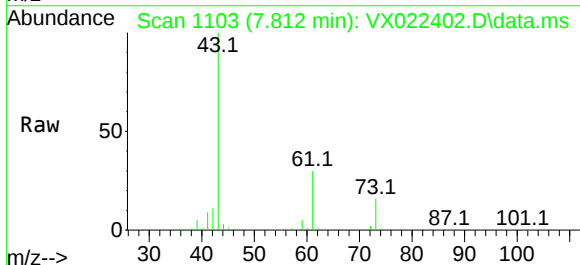
Instrument :
MSVOA_X
ClientSampled :

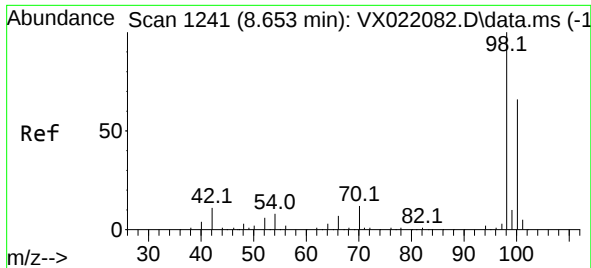
Tgt Ion: 41 Resp: 4229
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.13 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.128 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 1023480.9 23.2 34.8#
58 4172.1 55.0 82.4#

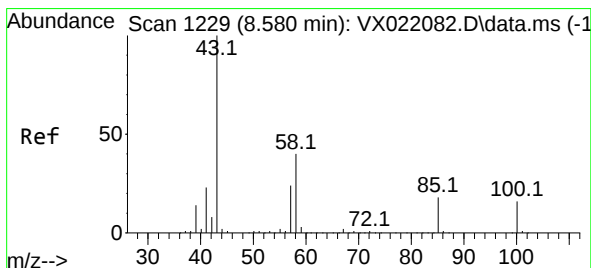
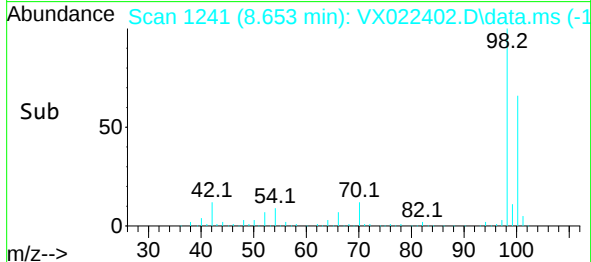
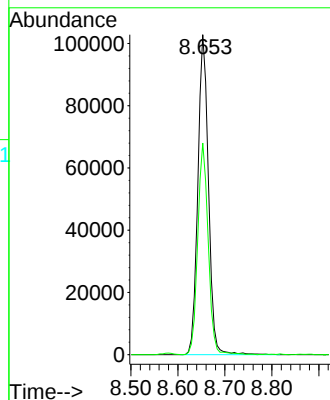
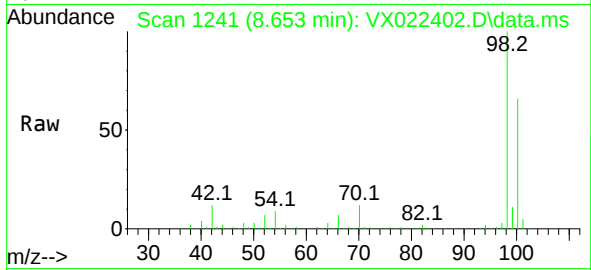




#50
Toluene-d8
Concen: 50.85 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

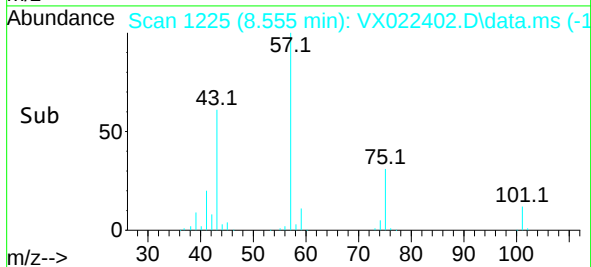
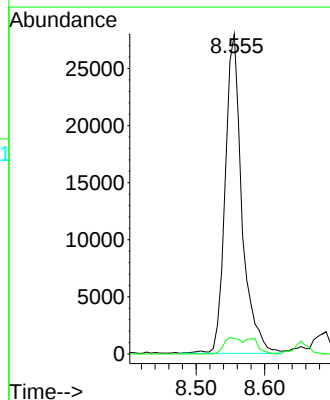
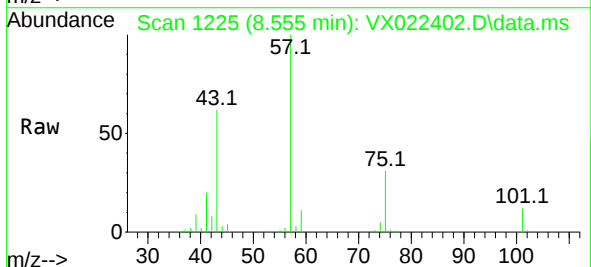
Instrument :
MSVOA_X
ClientSampled :

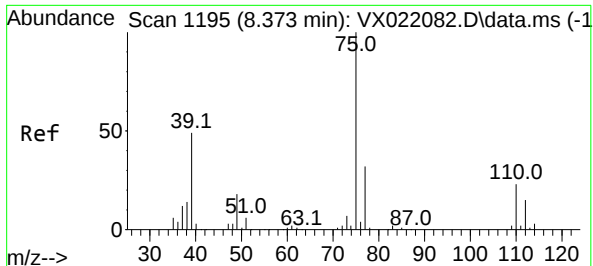
Tgt Ion: 98 Resp: 161960
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 32.62 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 43 Resp: 47235
Ion Ratio Lower Upper
43 100
58 5.3 35.4 53.0#

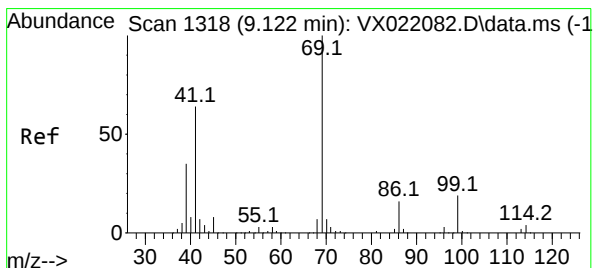
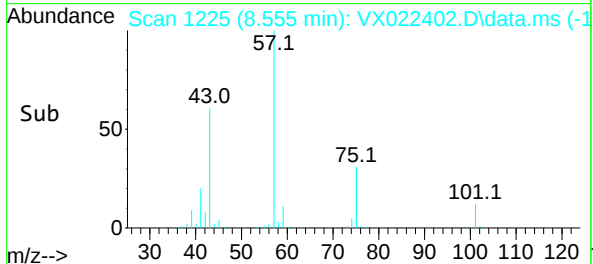
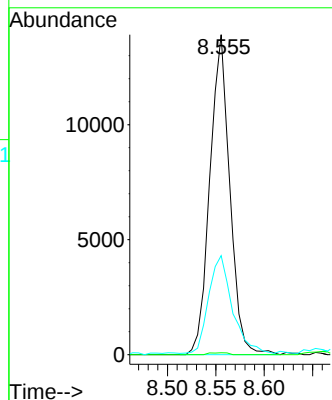
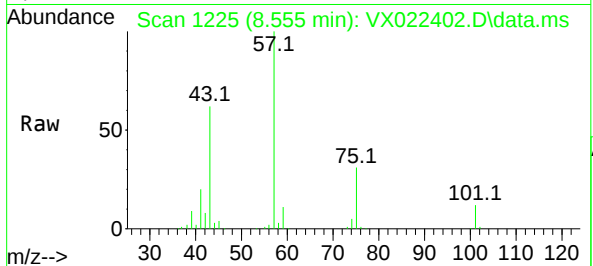




#54
cis-1,3-Dichloropropene
Concen: 12.50 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

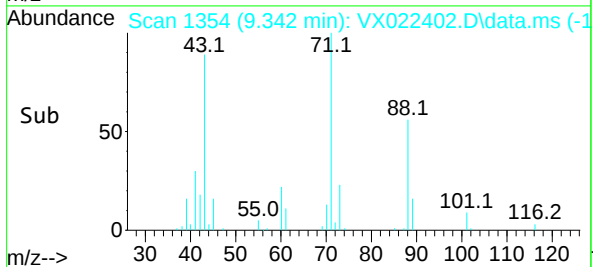
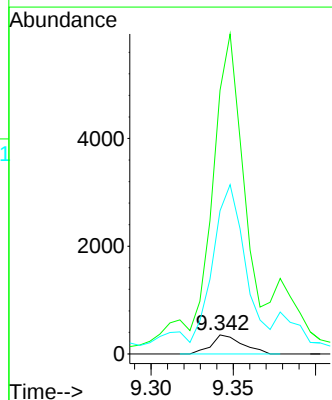
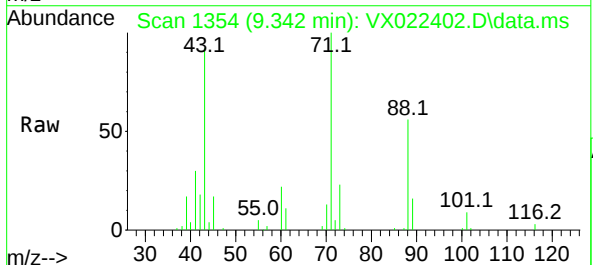
Instrument :
MSVOA_X
ClientSampled :

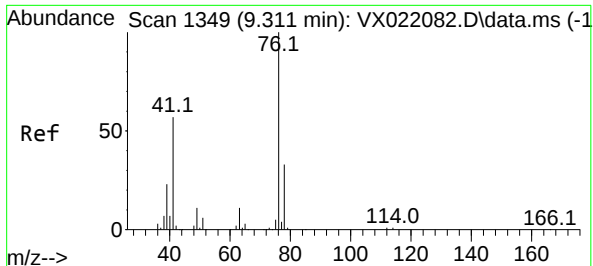
Tgt Ion: 75 Resp: 19934
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 30.6 35.1 52.7#



#56
Ethyl methacrylate
Concen: 0.30 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 69 Resp: 461
Ion Ratio Lower Upper
69 100
41 1788.7 46.8 70.2#
39 938.4 24.7 37.1#

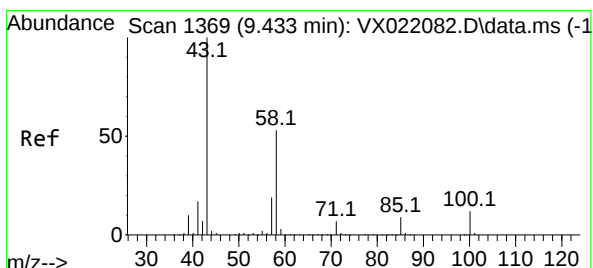
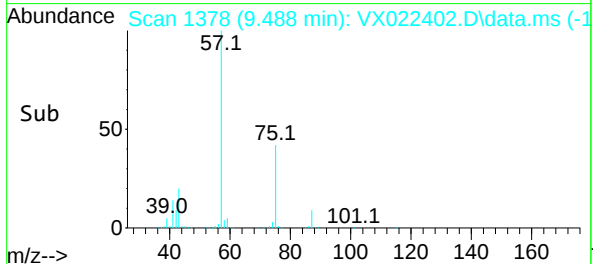
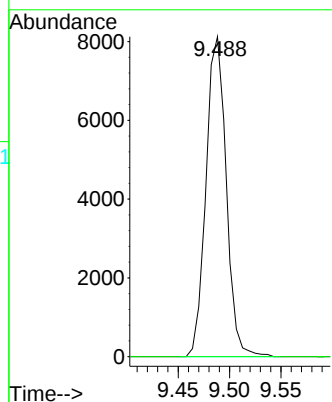
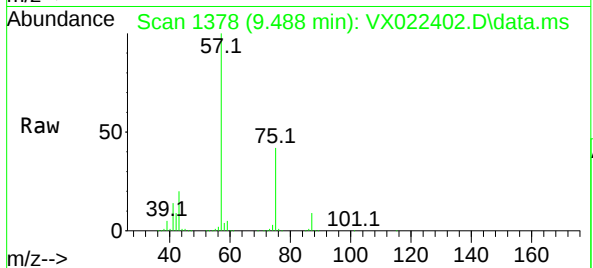




#57
1,3-Dichloropropane
Concen: 6.86 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

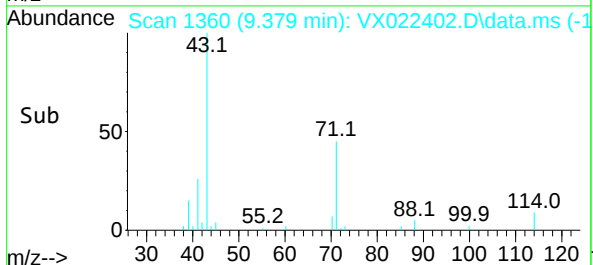
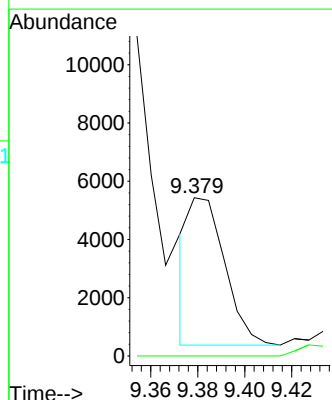
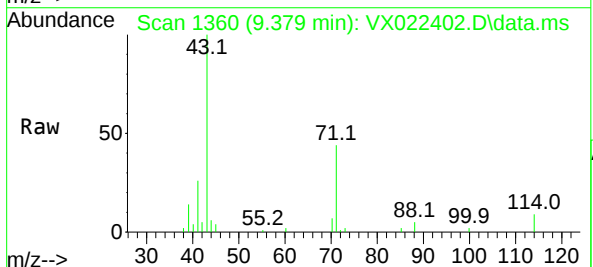
Instrument :
MSVOA_X
ClientSampled :

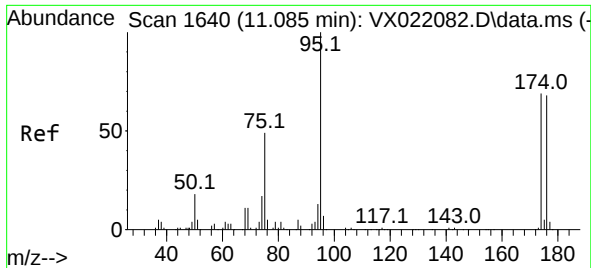
Tgt Ion: 76 Resp: 11165
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 4.95 ug/l
RT: 9.379 min Scan# 1360
Delta R.T. -0.054 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 43 Resp: 5386
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

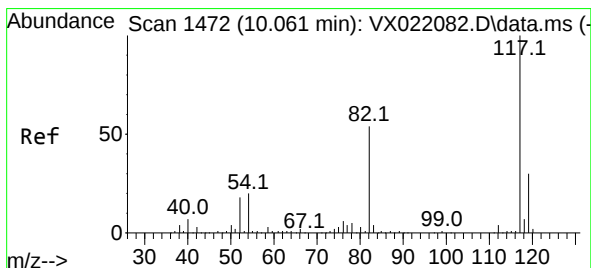
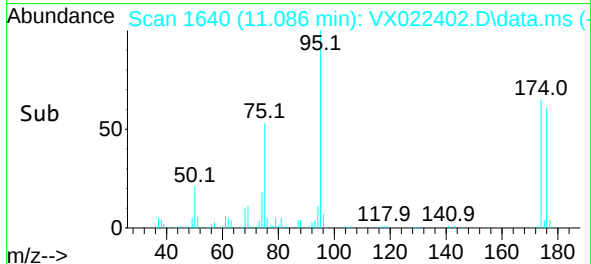
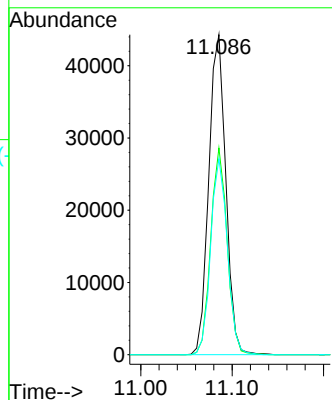
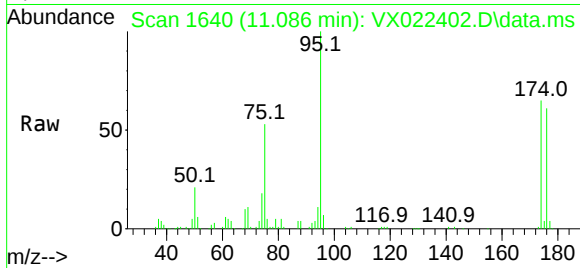




#62
4-Bromofluorobenzene
Concen: 48.64 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

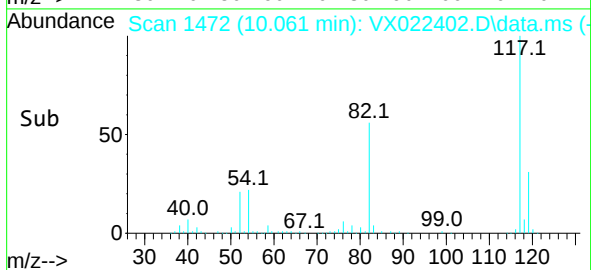
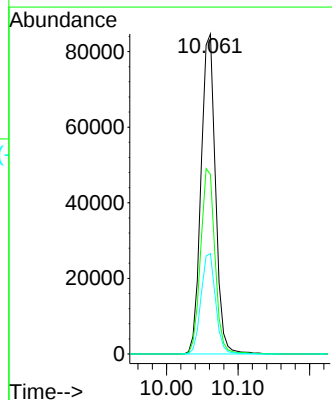
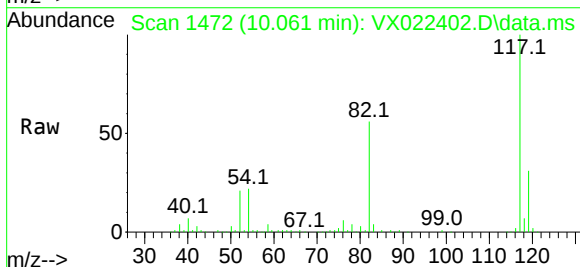
Instrument :
MSVOA_X
ClientSampled :

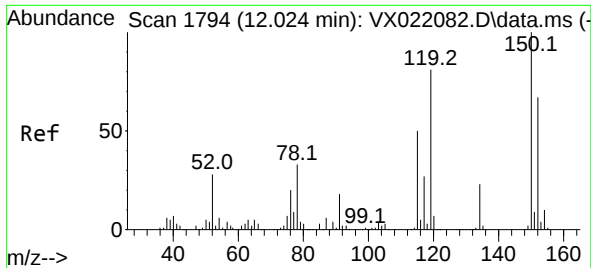
Tgt Ion: 95 Resp: 57261
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 117 Resp: 118681
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.4 26.6 39.8

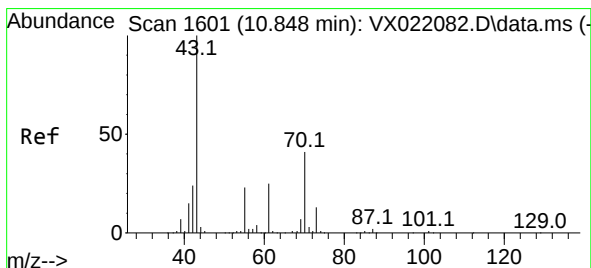
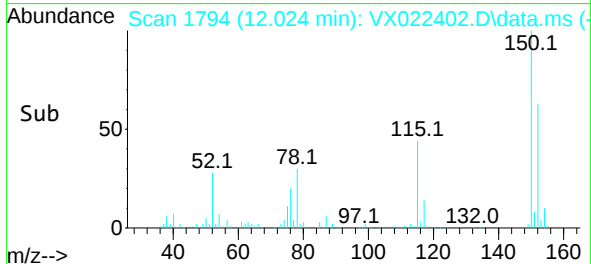
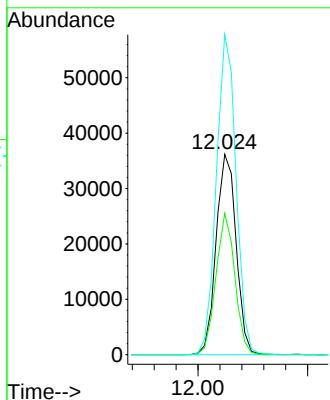
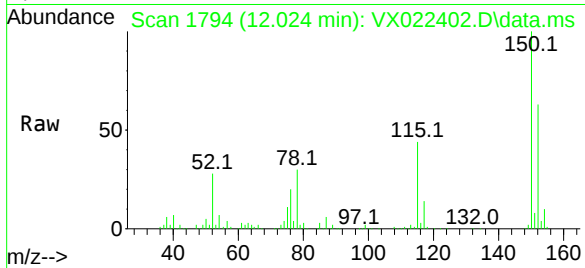




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

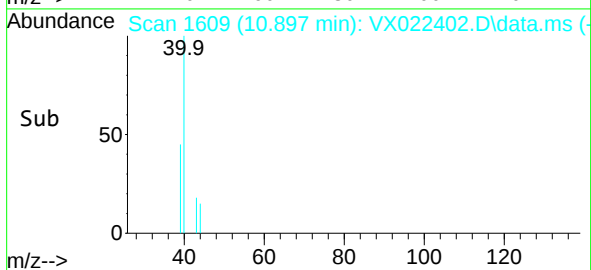
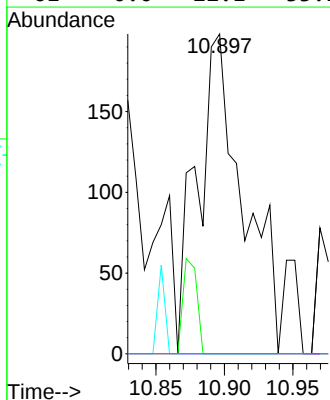
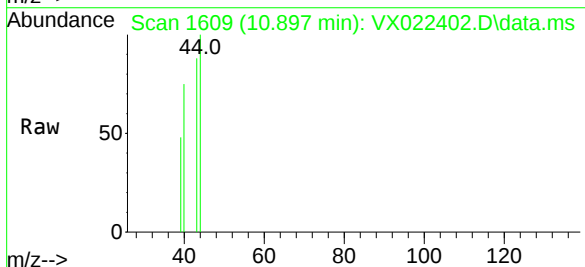
Instrument :
MSVOA_X
ClientSampleId :

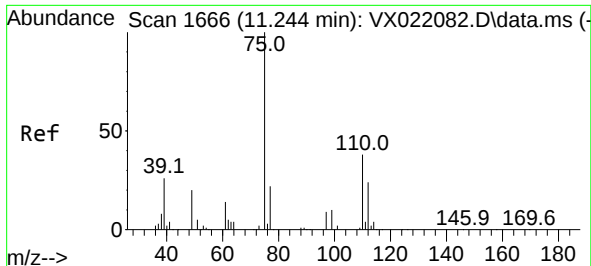
Tgt Ion:152 Resp: 45915
Ion Ratio Lower Upper
152 100
115 66.4 41.1 123.3
150 156.7 0.0 349.0



#74
N-ethyl acetate
Concen: 0.25 ug/l
RT: 10.897 min Scan# 1609
Delta R.T. 0.049 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 43 Resp: 460
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#

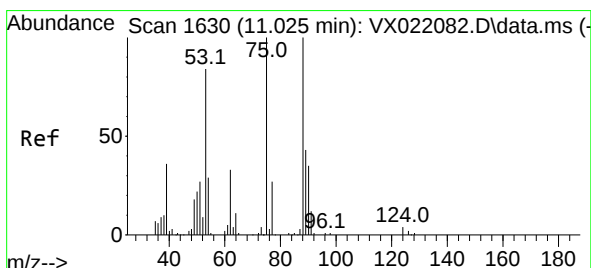
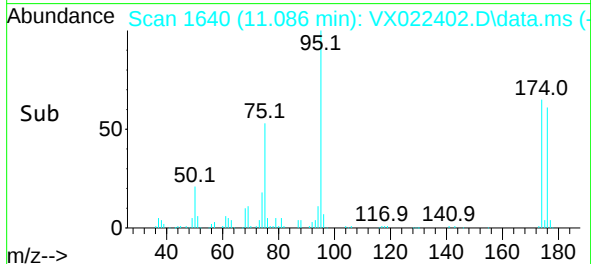
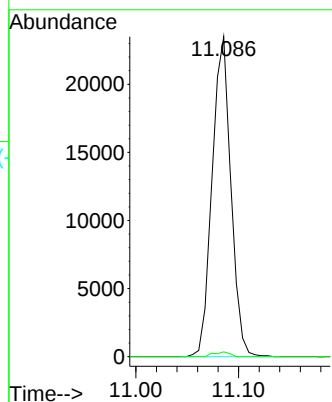
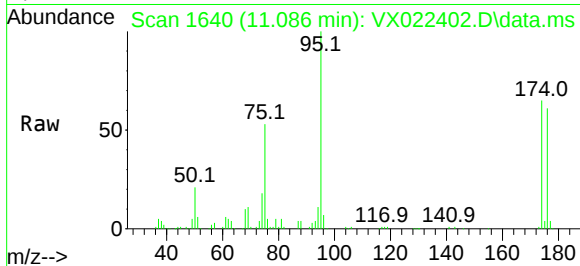




#76
1,2,3-Trichloropropane
Concen: 26.25 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29733
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.19 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022402.D
Acq: 04 Jun 2021 05:43

Tgt Ion: 75 Resp: 29733
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

