

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022957.D
 Acq On : 26 Jun 2021 05:47
 Operator : JC/MD
 Sample : PB137293ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 07:38:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

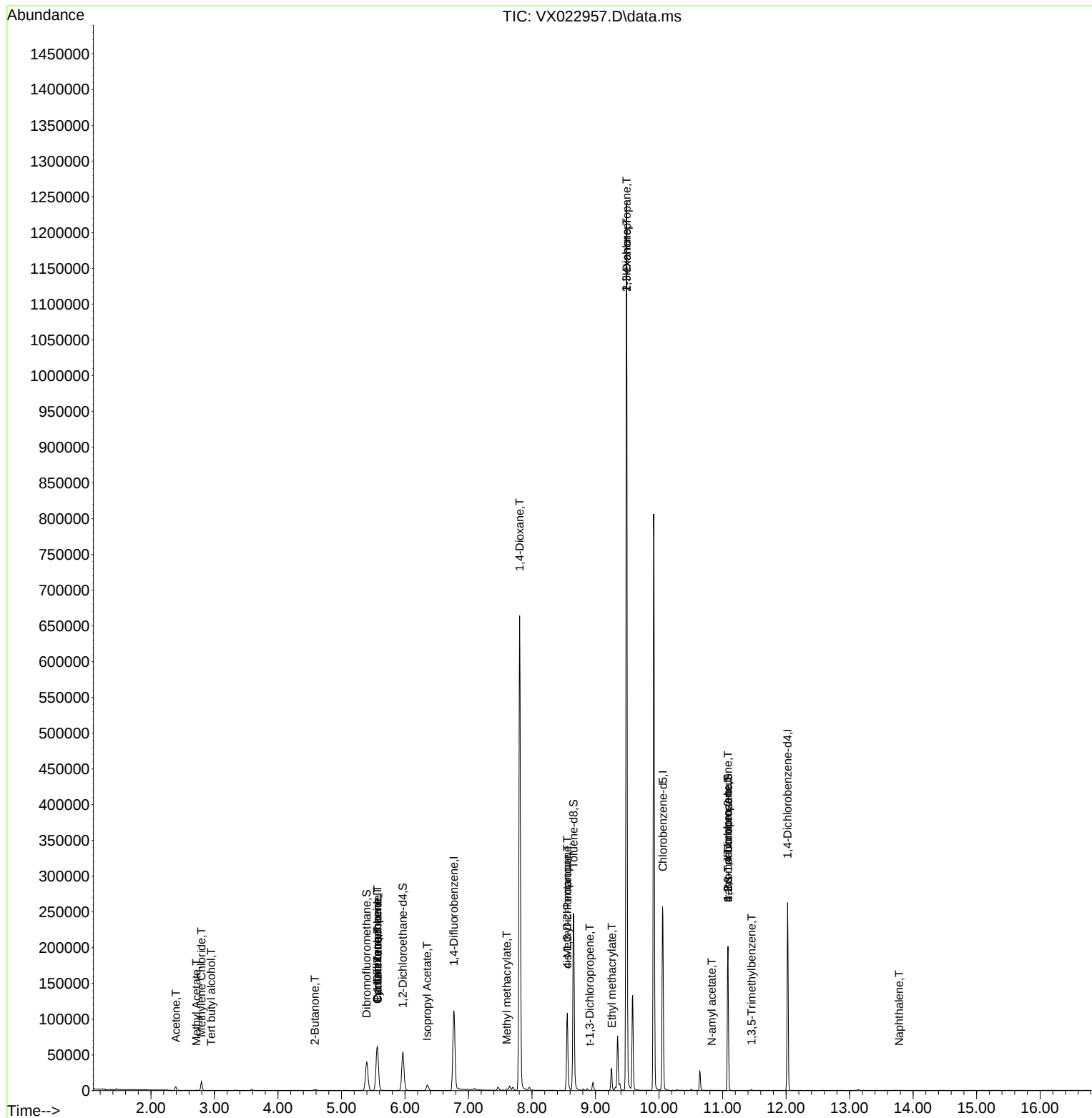
Internal Standards						
1) Pentafluorobenzene	5.562	168	50367	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	104996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48434	52.99	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.98%			
35) Dibromofluoromethane	5.397	113	33727	50.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.02%			
50) Toluene-d8	8.653	98	137227	51.92	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.84%			
62) 4-Bromofluorobenzene	11.085	95	51683	52.40	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.80%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	128	0.67	ug/l	# 73
16) Acetone	2.392	43	5758	14.21	ug/l	90
18) Methyl Acetate	2.715	43	662	0.66	ug/l	# 47
20) Methylene Chloride	2.794	84	4502	5.93	ug/l	# 82
25) 2-Butanone	4.580	43	1241	1.97	ug/l	# 45
31) Cyclohexane	5.568	56	1528	1.18	ug/l	# 42
36) 1,1-Dichloropropene	5.562	75	5354	4.75	ug/l	# 47
38) Carbon Tetrachloride	5.568	117	5973	6.31	ug/l	# 16
43) Isopropyl Acetate	6.348	43	10446	4.97	ug/l	# 89
48) Methyl methacrylate	7.604	41	3024	3.11	ug/l	# 10
49) 1,4-Dioxane	7.805	88	89	4.25	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	38556	29.49	ug/l	# 45
53) t-1,3-Dichloropropene	8.909	75	20	3.68	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	16659	13.66	ug/l	# 67
56) Ethyl methacrylate	9.256	69	170	2.69	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9944	6.93	ug/l	# 42
59) 2-Hexanone	9.488	43	146985	148.20	ug/l	# 43
74) N-amyl acetate	10.829	43	210	2.15	ug/l	# 45
76) 1,2,3-Trichloropropane	11.085	75	29310	24.83	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.457	105	804	0.26	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.085	75	29310	64.85	ug/l	# 12
95) Naphthalene	13.780	128	53	1.94	ug/l	# 69

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

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ALS Vial : 50 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :

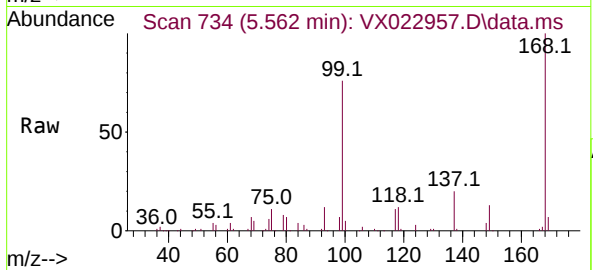
Quant Time: Jun 26 07:38:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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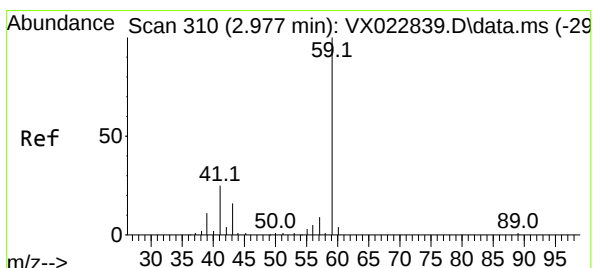
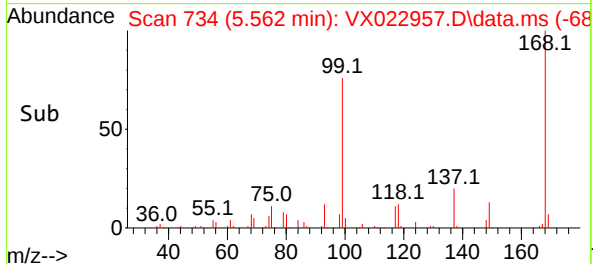
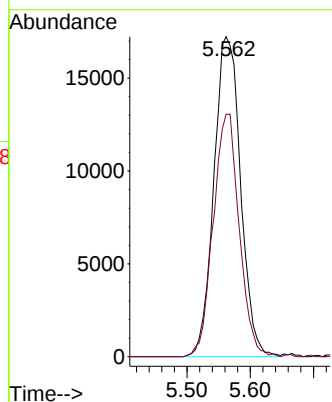


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Instrument :
MSVOA_X
ClientSampleId :

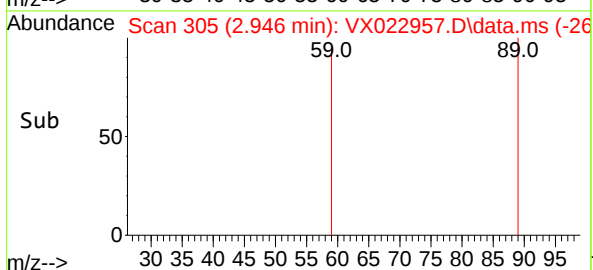
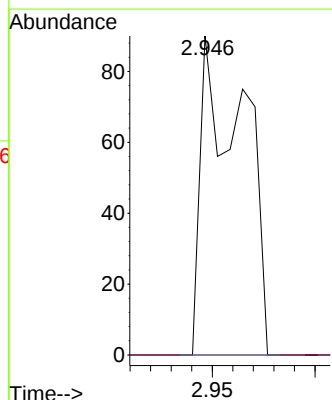
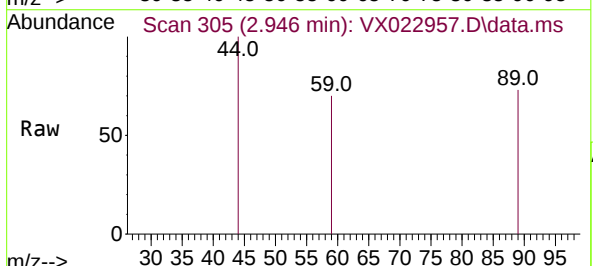


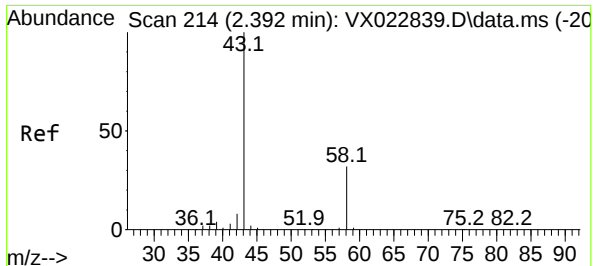
Tgt Ion:168 Resp: 50367
Ion Ratio Lower Upper
168 100
99 75.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.67 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

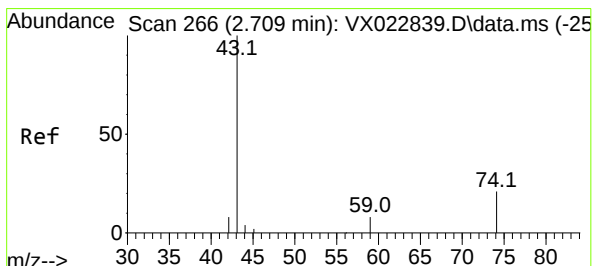
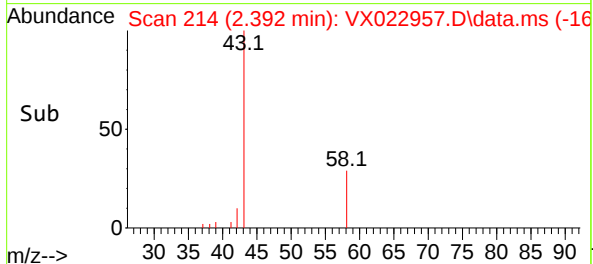
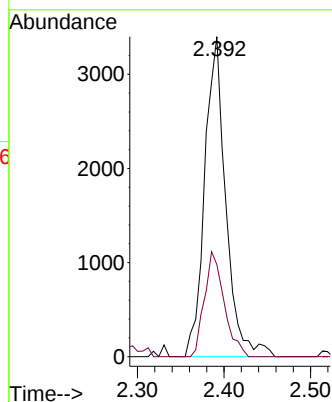
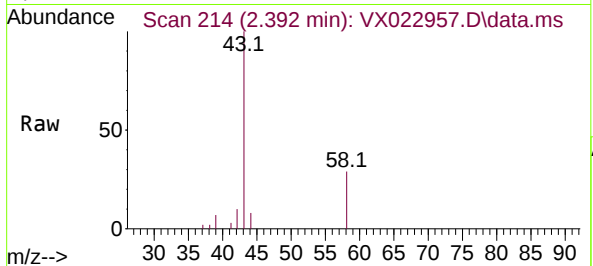




#16
Acetone
Concen: 14.21 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

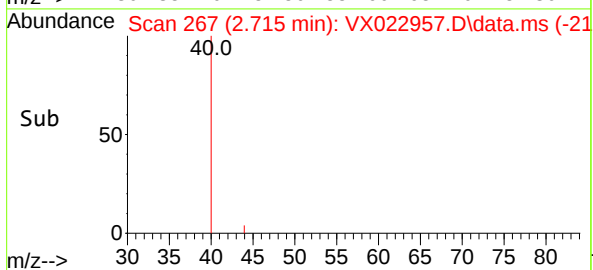
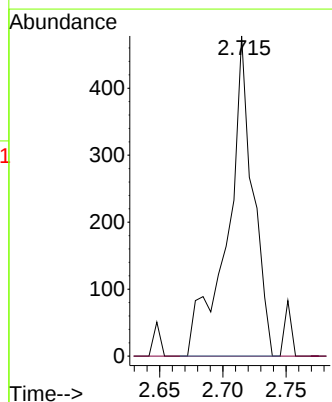
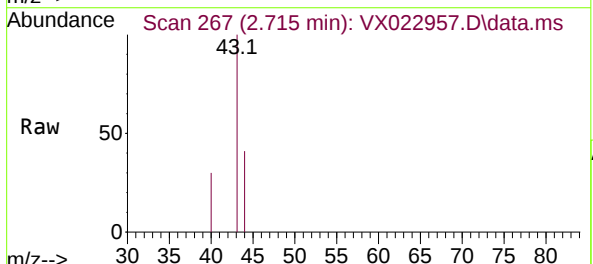
Instrument :
MSVOA_X
ClientSampled :

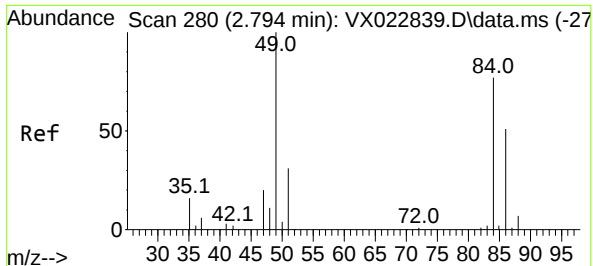
Tgt Ion: 43 Resp: 5758
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.66 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 5.93 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022957.D

Acq: 26 Jun 2021 05:47

Tgt Ion: 84 Resp: 4502

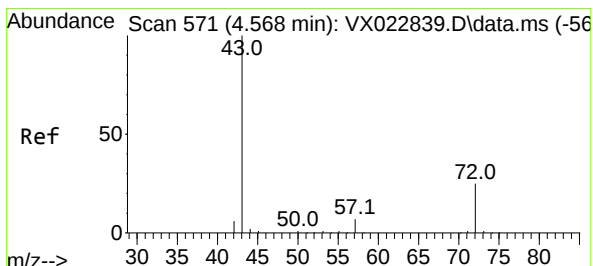
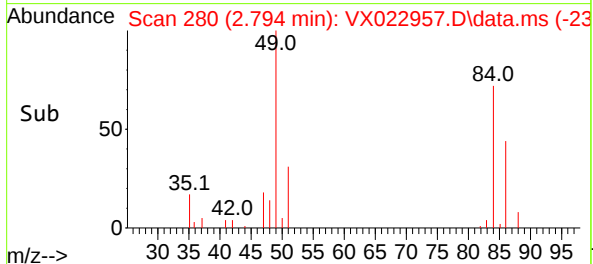
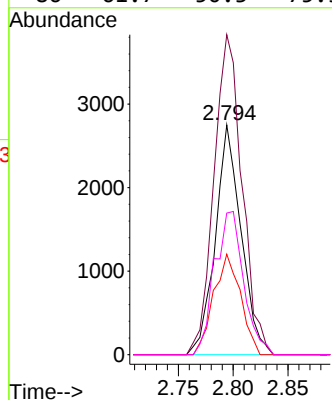
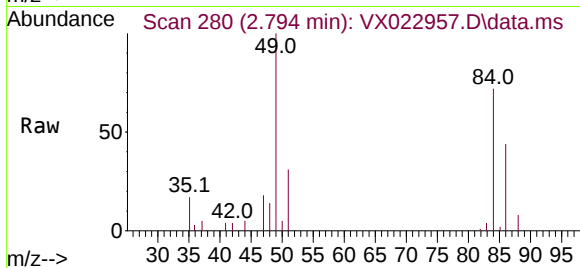
Ion Ratio Lower Upper

84 100

49 139.3 88.6 132.8#

51 43.7 27.0 40.6#

86 61.7 50.3 75.5



#25

2-Butanone

Concen: 1.97 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022957.D

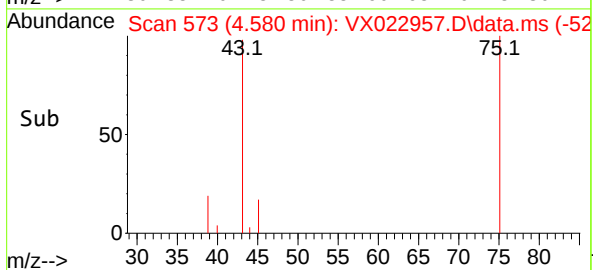
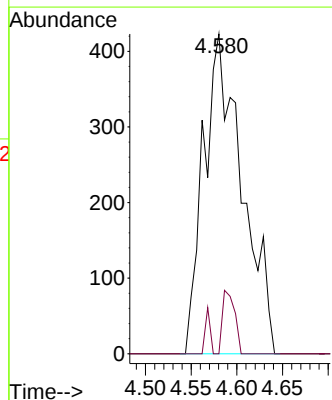
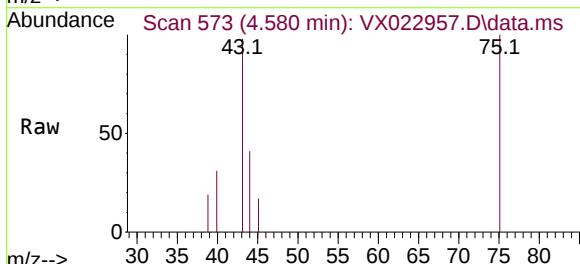
Acq: 26 Jun 2021 05:47

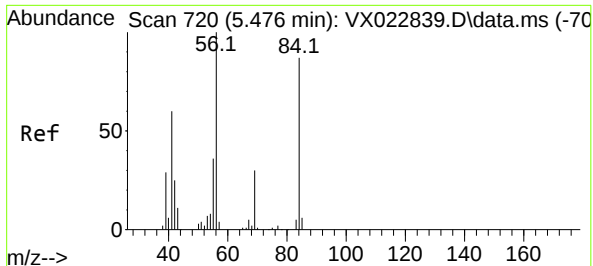
Tgt Ion: 43 Resp: 1241

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

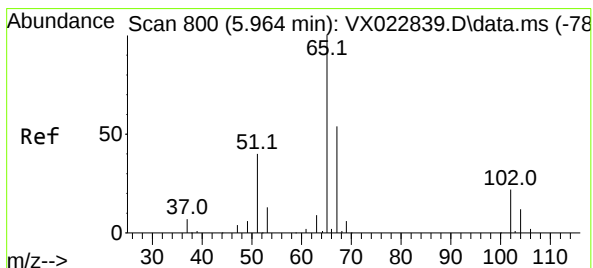
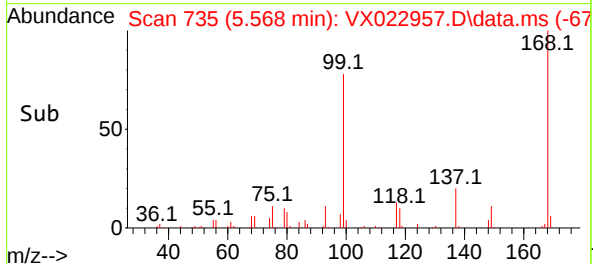
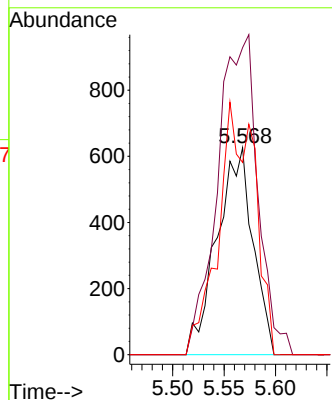
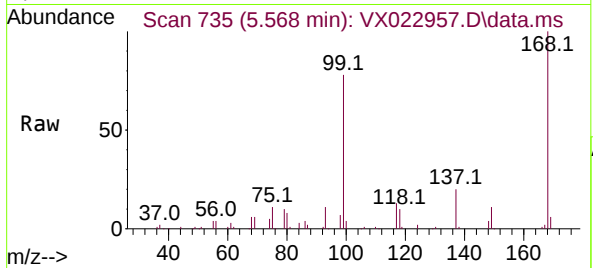




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

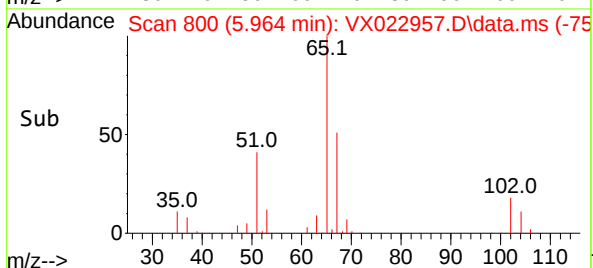
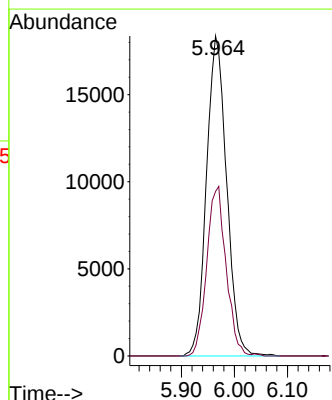
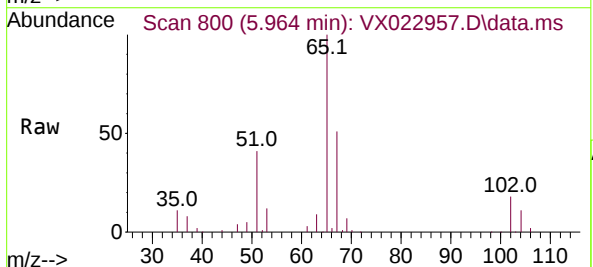
Instrument :
MSVOA_X
ClientSampled :

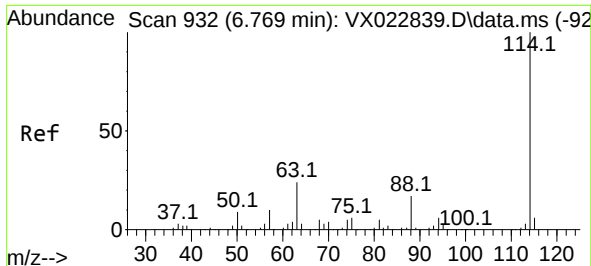
Tgt Ion: 56 Resp: 1528
Ion Ratio Lower Upper
56 100
69 148.4 25.3 37.9#
84 93.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.99 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 65 Resp: 48434
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

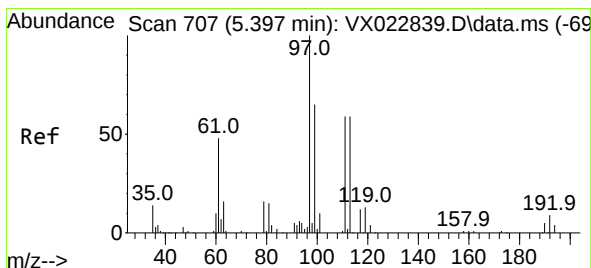
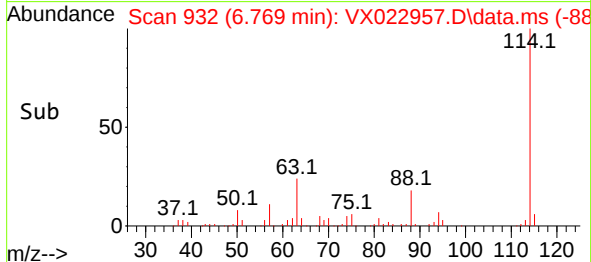
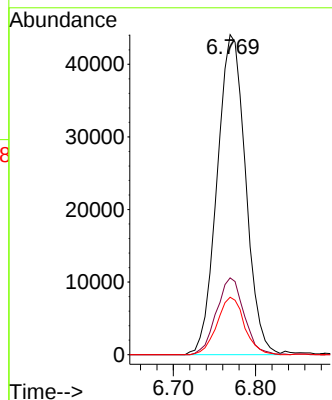
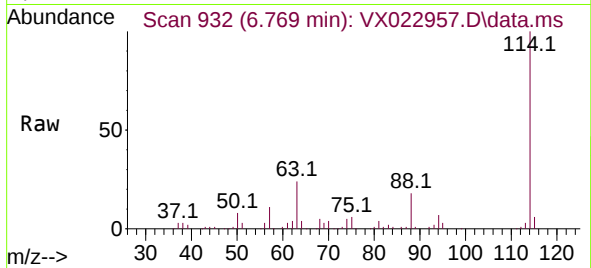




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

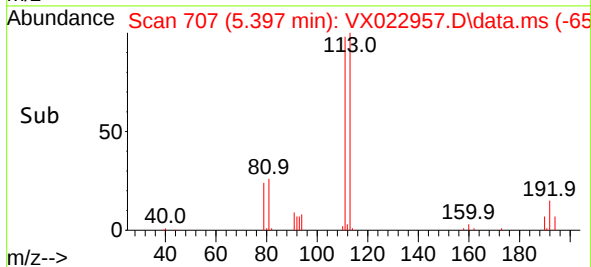
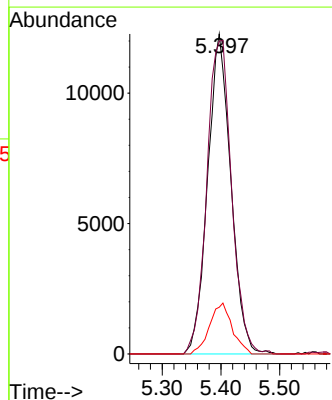
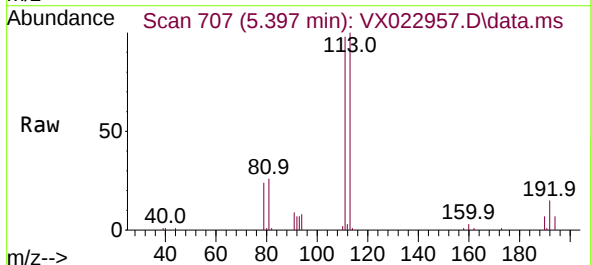
Instrument :
MSVOA_X
ClientSampled :

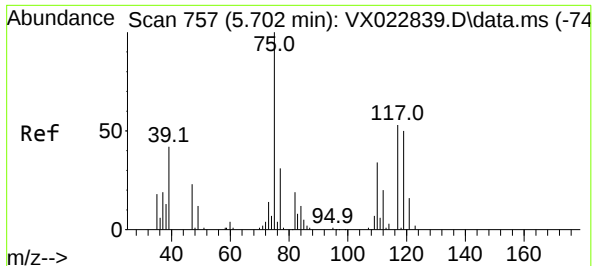
Tgt Ion:114 Resp: 106191
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.8
88 17.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion:113 Resp: 33727
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 15.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.75 ug/l

RT: 5.562 min Scan# 734

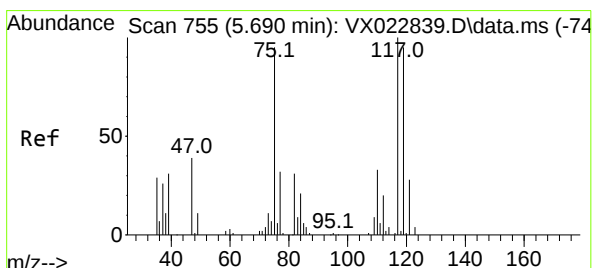
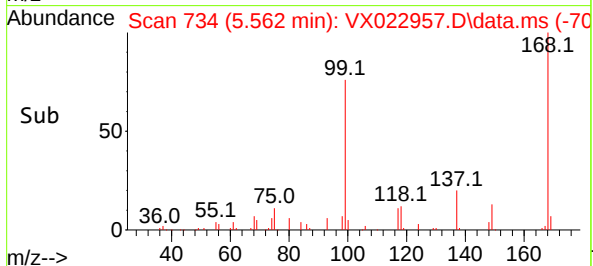
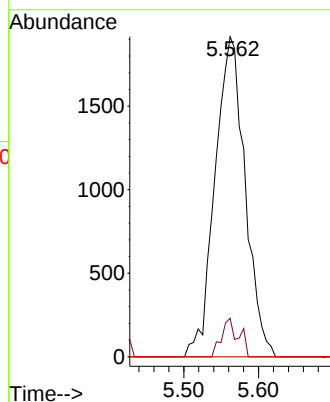
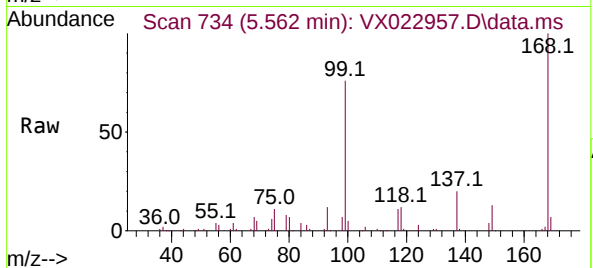
Delta R.T. -0.140 min

Lab File: VX022957.D

Acq: 26 Jun 2021 05:47

Tgt Ion:	75	Resp:	5354
Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.31 ug/l

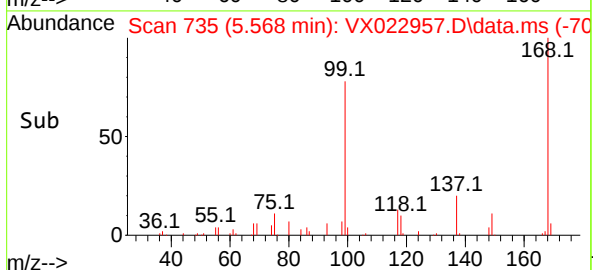
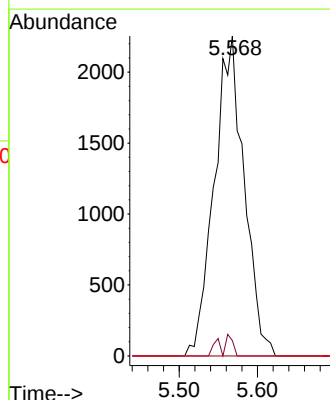
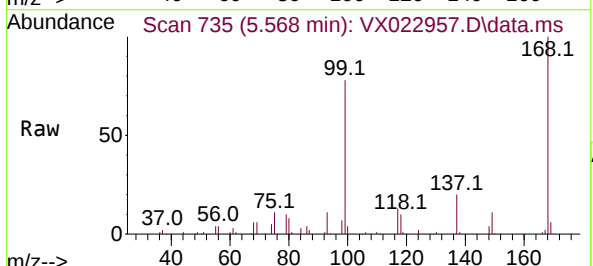
RT: 5.568 min Scan# 735

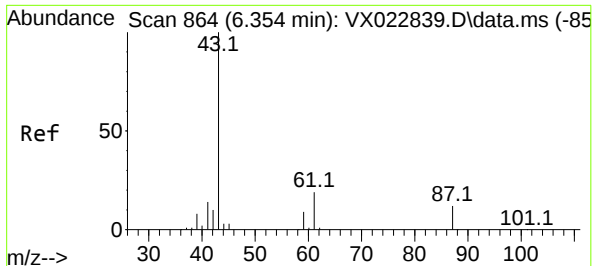
Delta R.T. -0.122 min

Lab File: VX022957.D

Acq: 26 Jun 2021 05:47

Tgt Ion:	117	Resp:	5973
Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.2	114.2#
121	0.0	24.8	37.2#

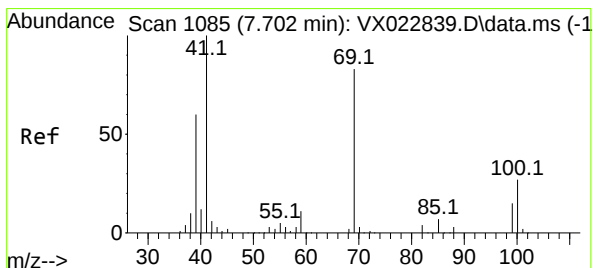
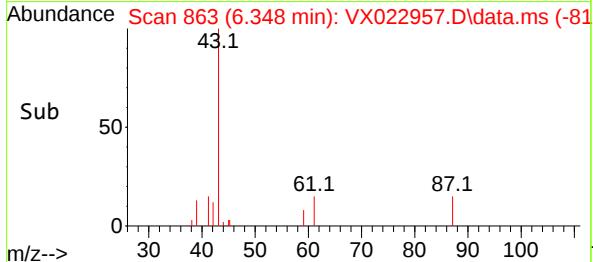
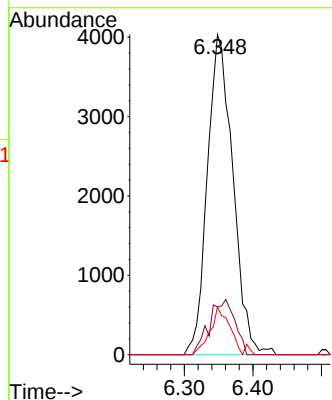
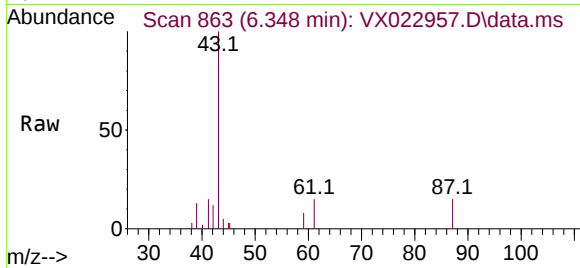




#43
Isopropyl Acetate
Concen: 4.97 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

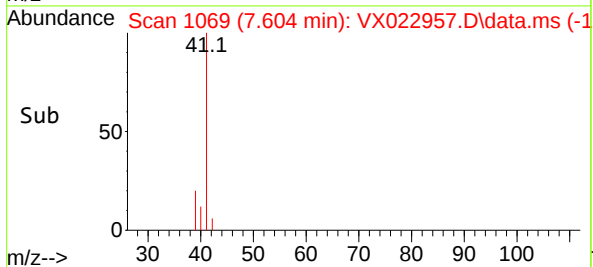
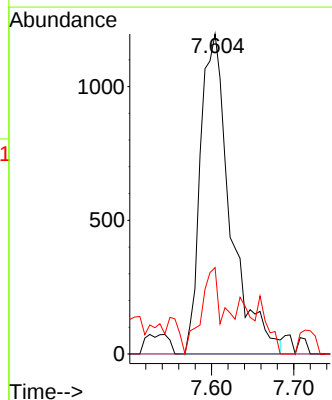
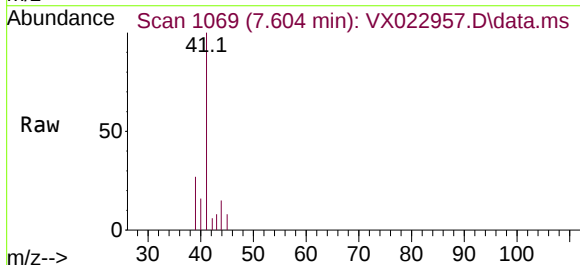
Instrument :
MSVOA_X
ClientSampled :

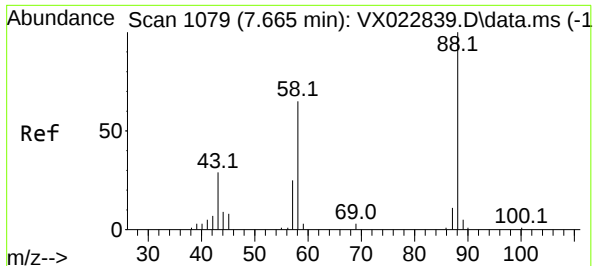
Tgt Ion: 43 Resp: 10446
Ion Ratio Lower Upper
43 100
61 17.3 18.2 27.4#
87 11.2 12.5 18.7#



#48
Methyl methacrylate
Concen: 3.11 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 41 Resp: 3024
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

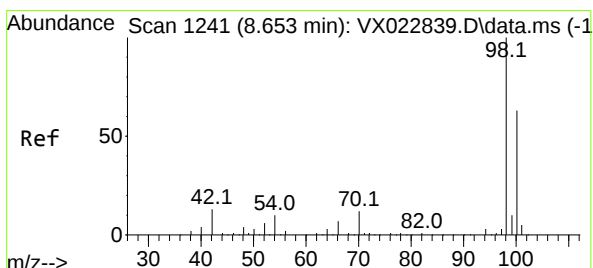
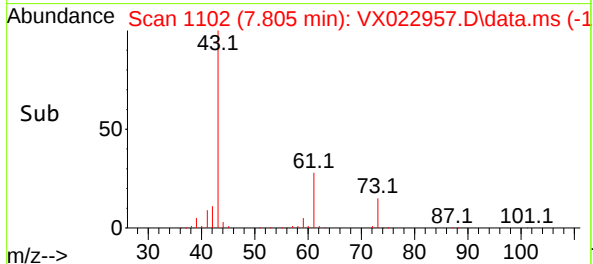
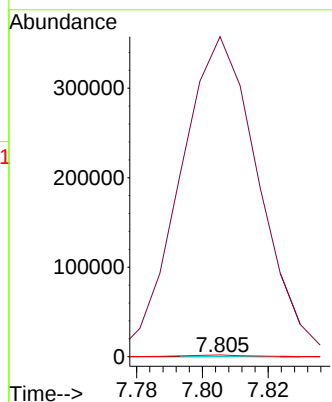
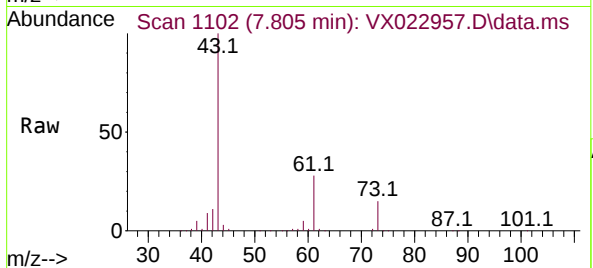




#49
1,4-Dioxane
Concen: 4.25 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

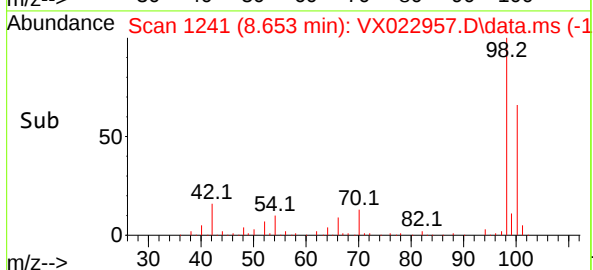
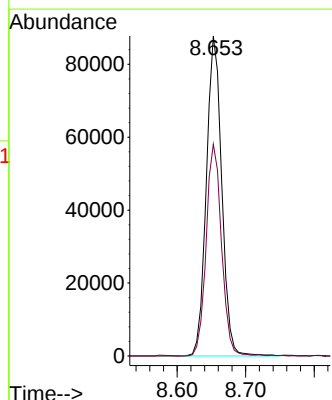
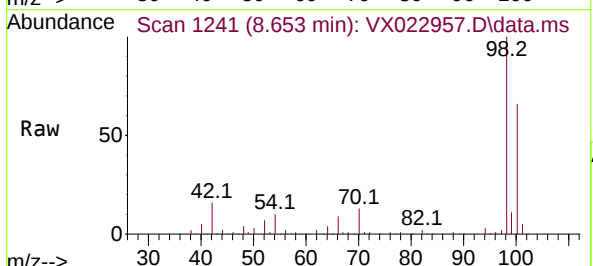
Instrument :
MSVOA_X
ClientSampled :

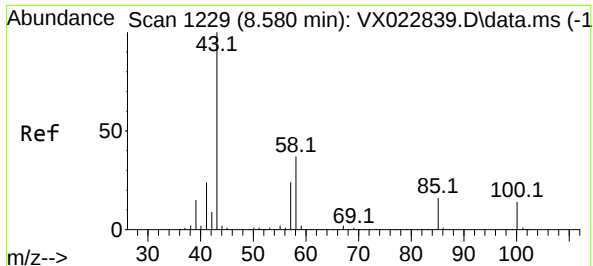
Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 682033.7 23.2 34.8#
58 3092.1 55.0 82.4#



#50
Toluene-d8
Concen: 51.92 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 98 Resp: 137227
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

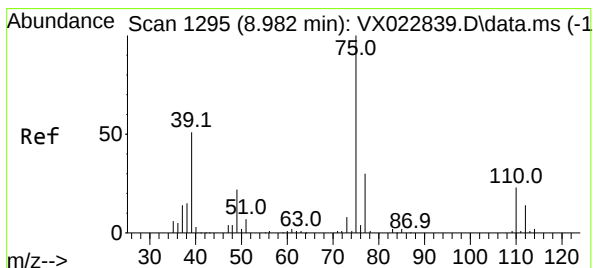
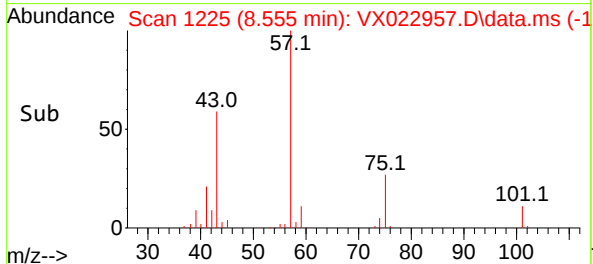
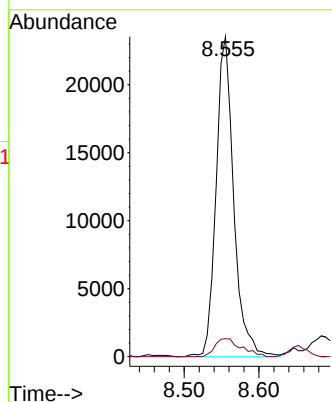
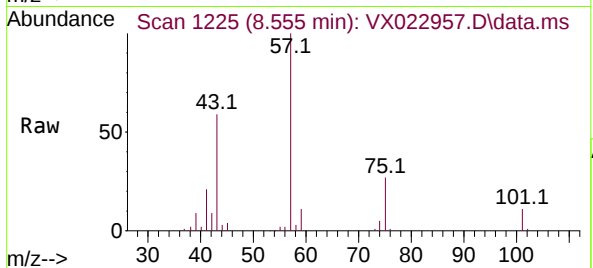




#51
4-Methyl-2-Pentanone
Concen: 29.49 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

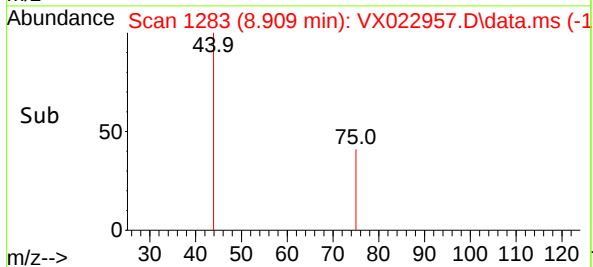
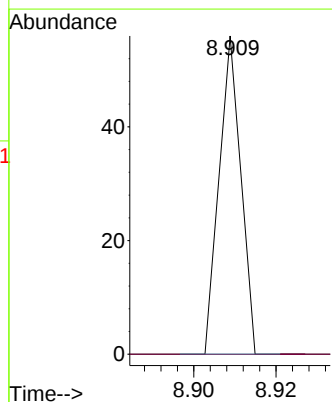
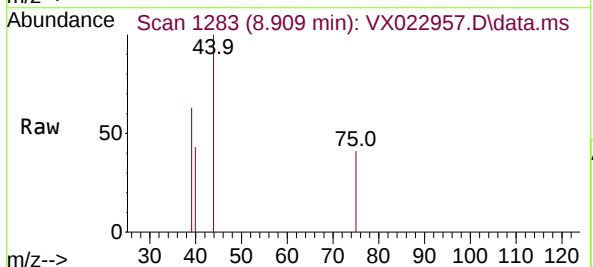
Instrument :
MSVOA_X
ClientSampled :

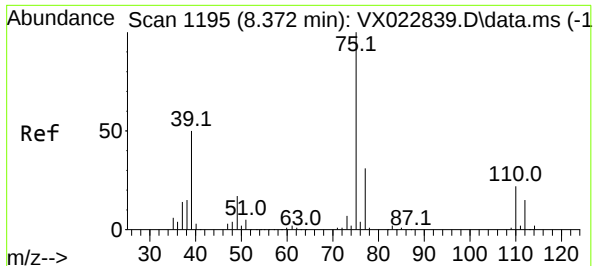
Tgt Ion: 43 Resp: 38556
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 3.68 ug/l
RT: 8.909 min Scan# 1283
Delta R.T. -0.073 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

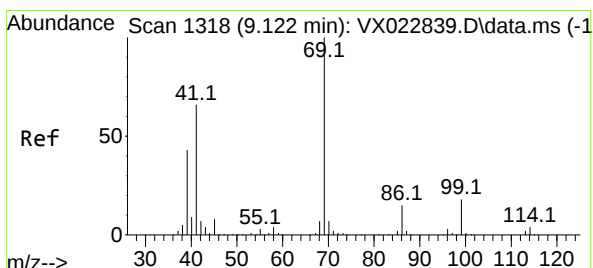
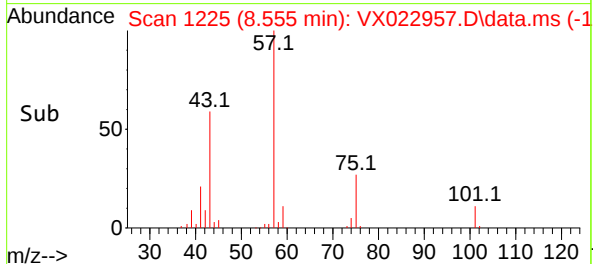
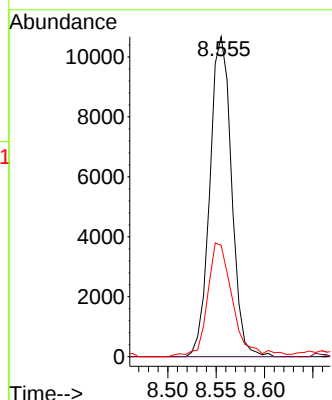
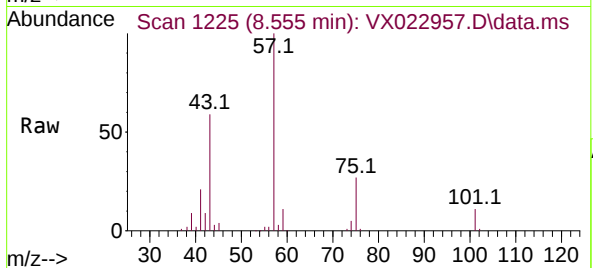




#54
cis-1,3-Dichloropropene
Concen: 13.66 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

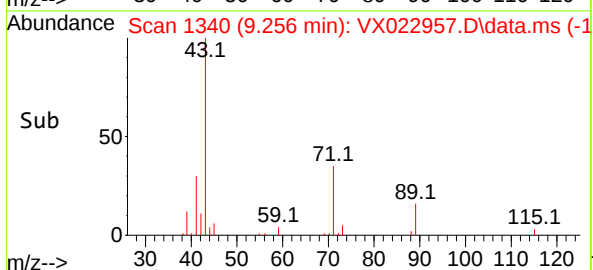
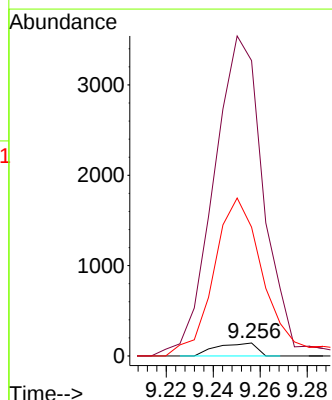
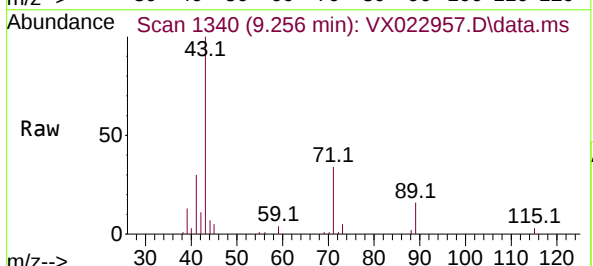
Instrument :
MSVOA_X
ClientSampled :

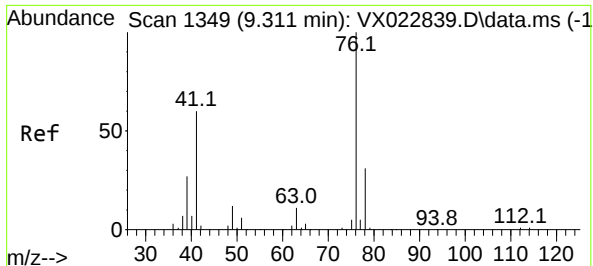
Tgt Ion: 75 Resp: 16659
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 33.9 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.69 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.134 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 69 Resp: 170
Ion Ratio Lower Upper
69 100
41 3085.9 46.8 70.2#
39 1534.7 24.7 37.1#



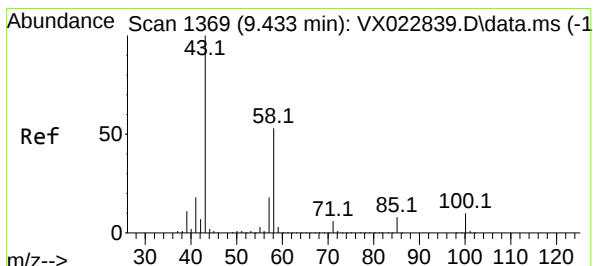
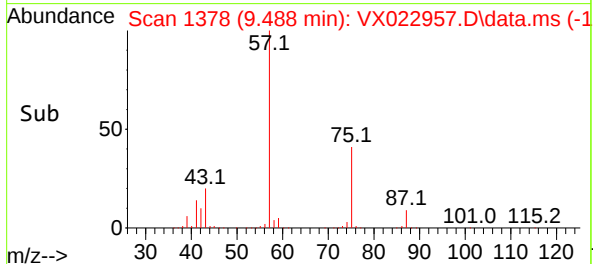
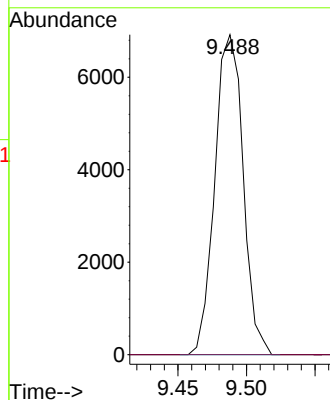
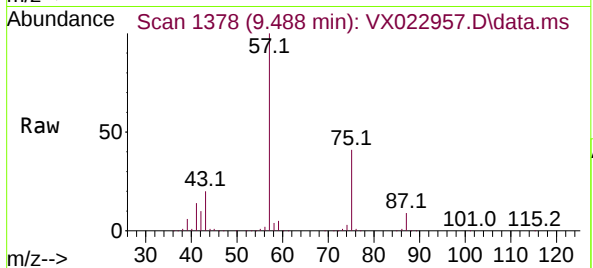


#57

1,3-Dichloropropane
Concen: 6.93 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Instrument :
MSVOA_X
ClientSampleId :

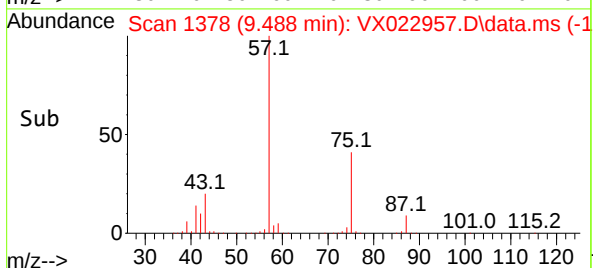
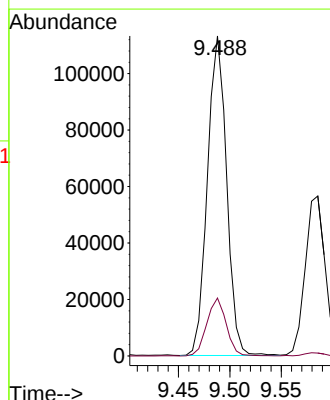
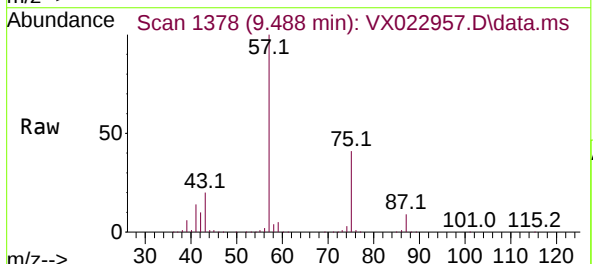
Tgt Ion: 76 Resp: 9944
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

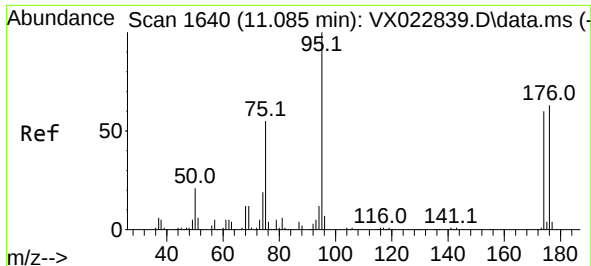


#59

2-Hexanone
Concen: 148.20 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 43 Resp: 146985
Ion Ratio Lower Upper
43 100
58 18.3 30.9 92.8#

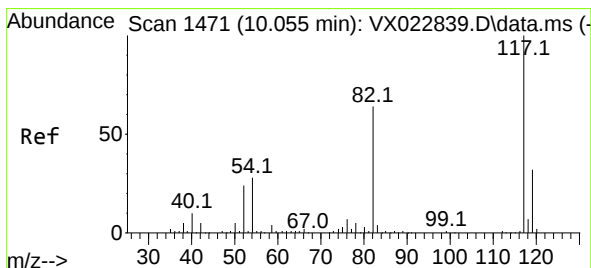
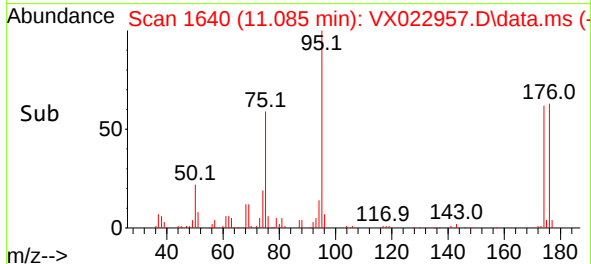
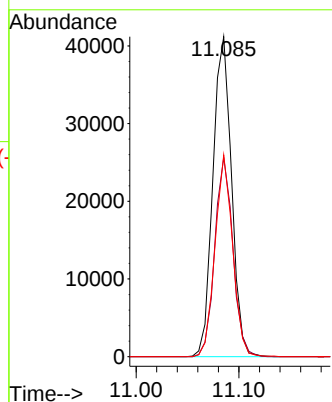
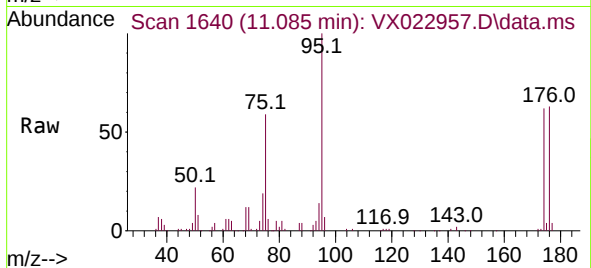




#62
4-Bromofluorobenzene
Concen: 52.40 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

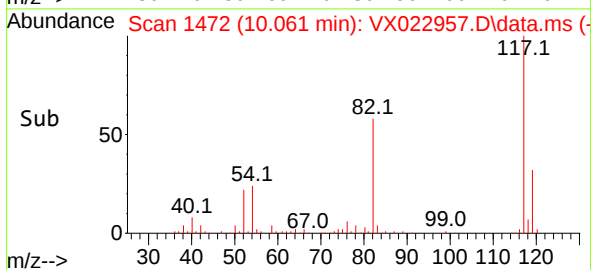
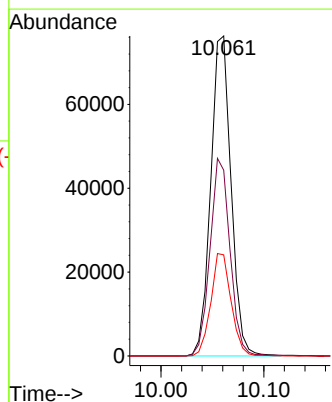
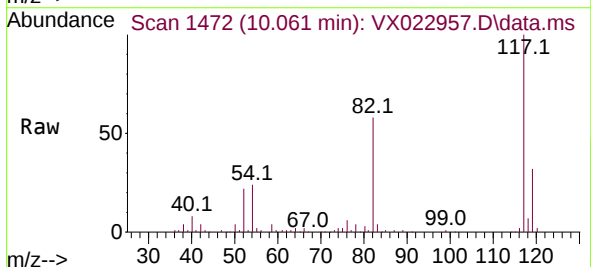
Instrument :
MSVOA_X
ClientSampleId :

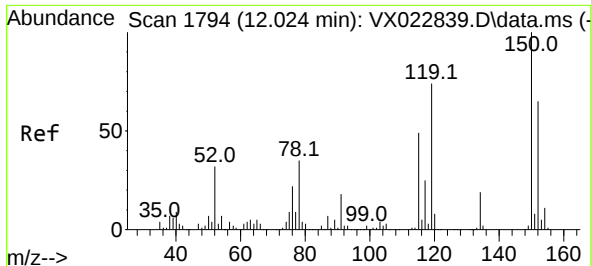
Tgt Ion: 95 Resp: 51683
Ion Ratio Lower Upper
95 100
174 60.5 0.0 154.6
176 59.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 117 Resp: 104996
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.6 26.6 39.8

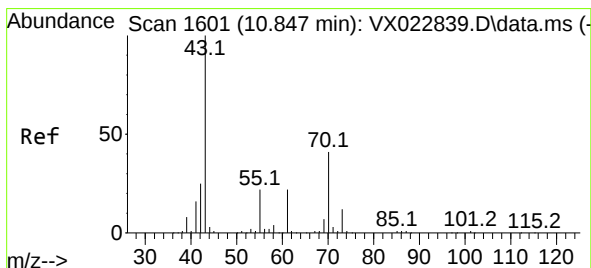
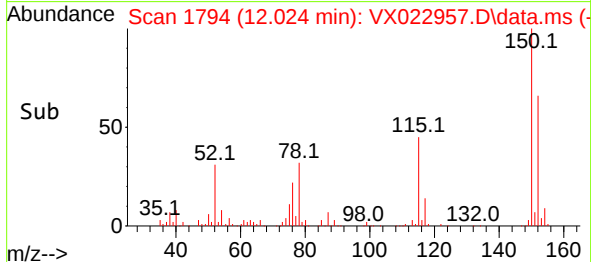
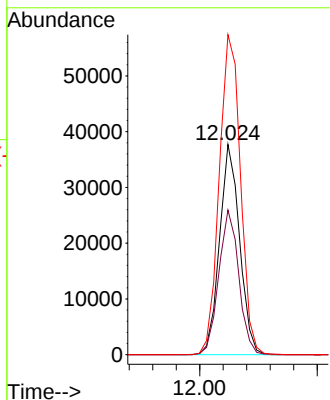
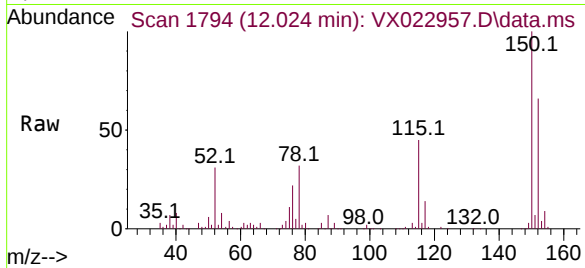




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

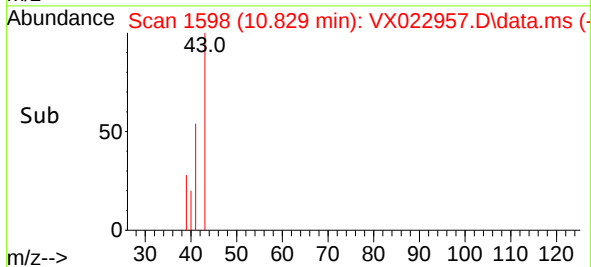
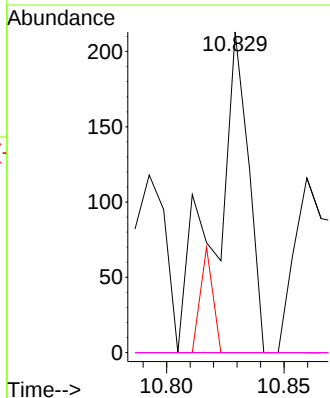
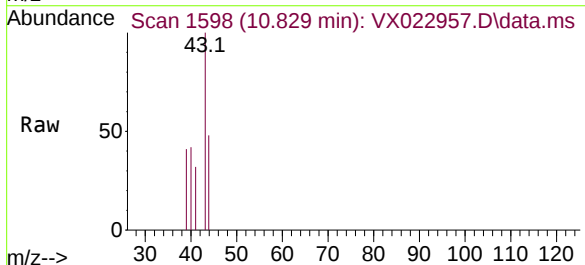
Instrument :
MSVOA_X
ClientSampleId :

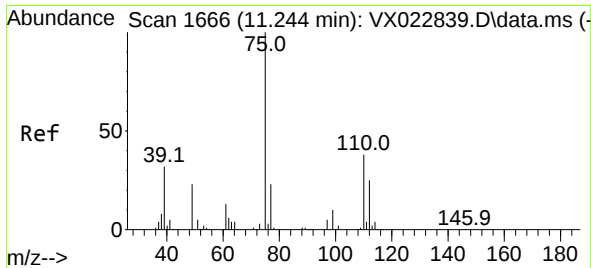
Tgt Ion:152 Resp: 44685
Ion Ratio Lower Upper
152 100
115 68.8 41.1 123.3
150 160.9 0.0 349.0



#74
N-ethyl acetate
Concen: 2.15 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.018 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 12.4 21.5 32.3#
61 0.0 22.1 33.1#

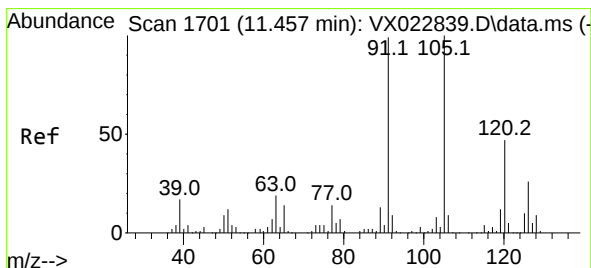
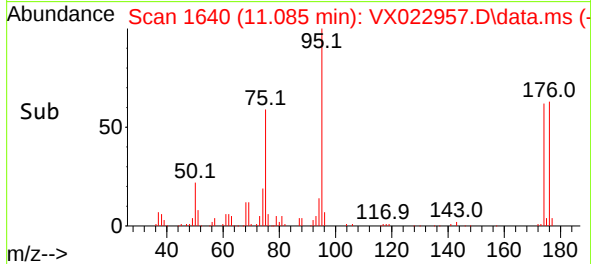
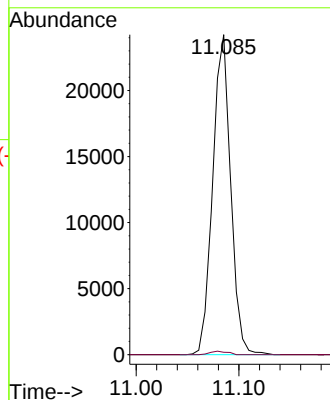
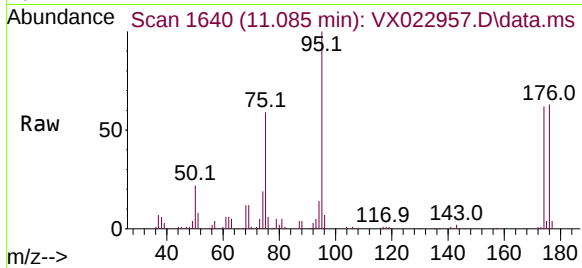




#76
1,2,3-Trichloropropane
Concen: 24.83 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

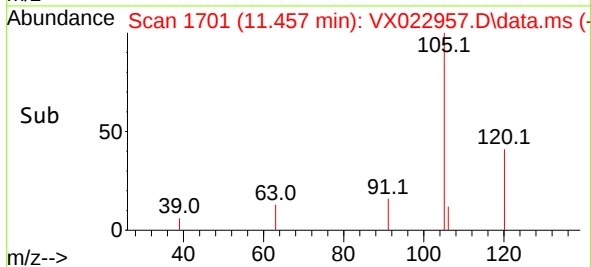
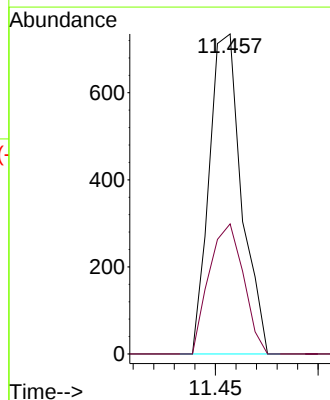
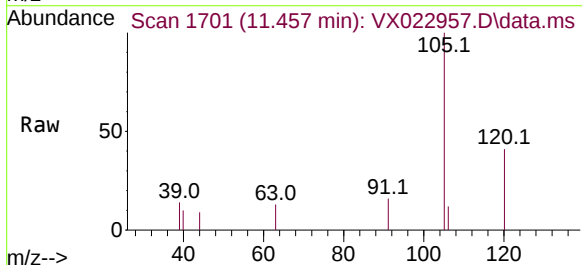
Instrument :
MSVOA_X
ClientSampled :

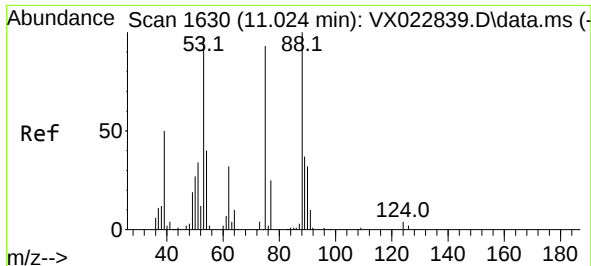
Tgt Ion: 75 Resp: 29310
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion: 105 Resp: 804
Ion Ratio Lower Upper
105 100
120 43.3 23.8 71.5

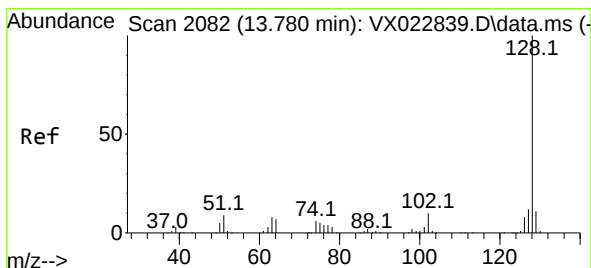
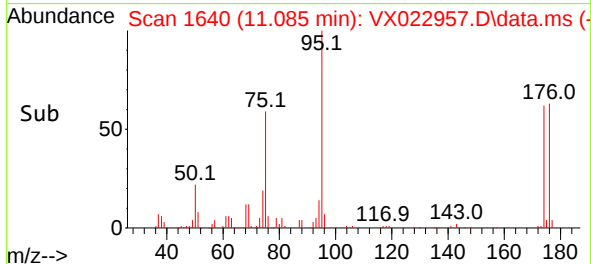
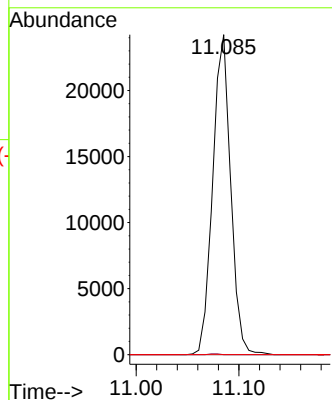
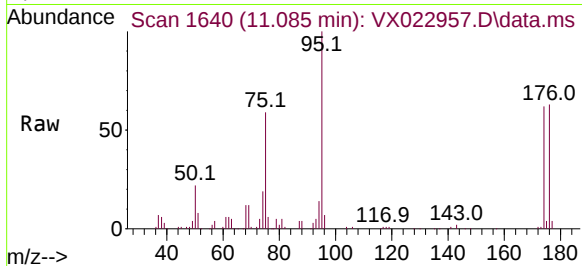




#81
trans-1,4-Dichloro-2-butene
Concen: 64.85 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29310
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.94 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022957.D
Acq: 26 Jun 2021 05:47

Tgt Ion:128 Resp: 53
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

