

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022951.D
 Acq On : 26 Jun 2021 03:25
 Operator : JC/MD
 Sample : PB137293ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:59:42 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)

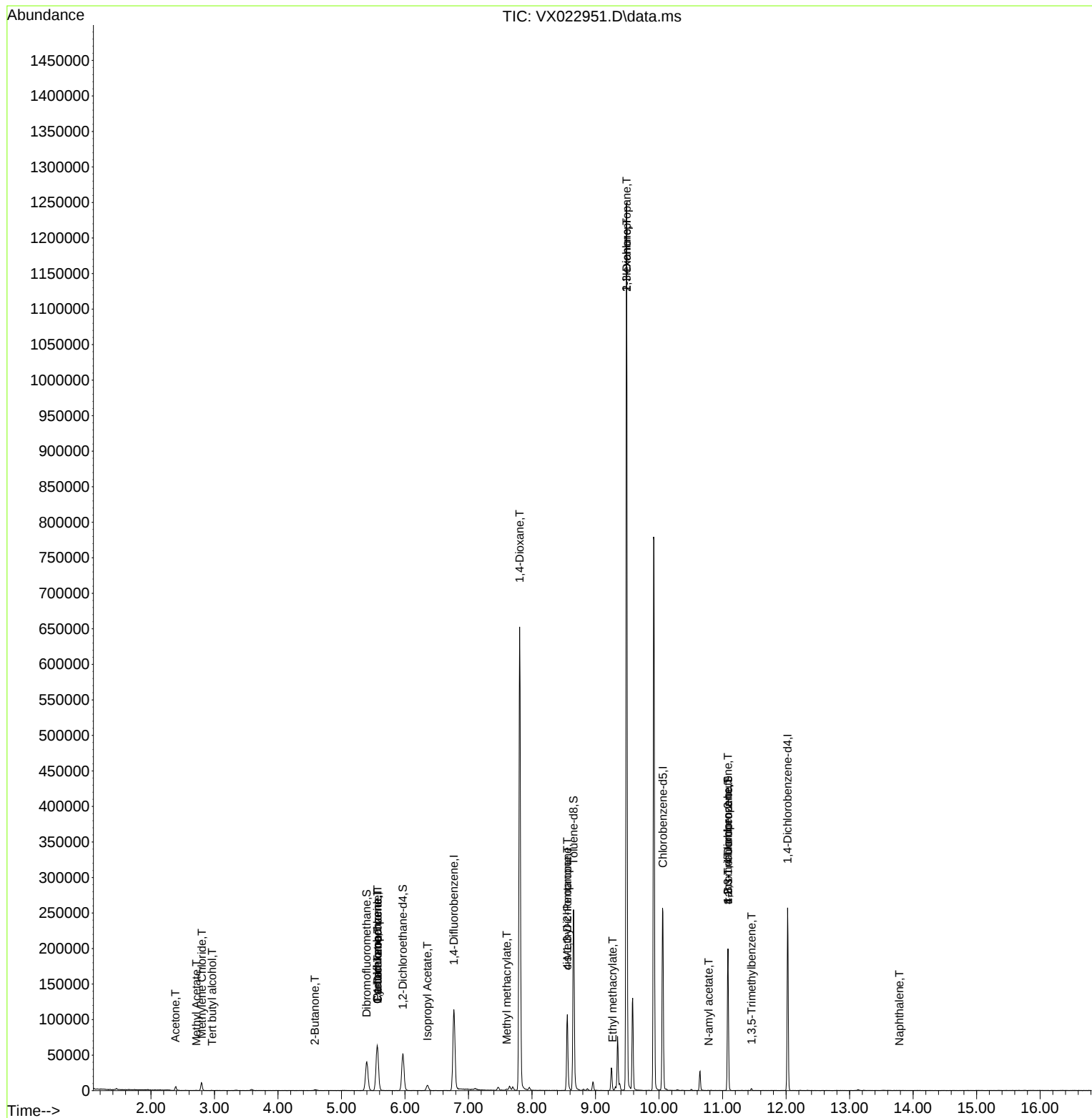
Internal Standards						
1) Pentafluorobenzene	5.562	168	52015	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	106956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48765	51.66	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.32%			
35) Dibromofluoromethane	5.397	113	33907	49.91	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.82%			
50) Toluene-d8	8.652	98	141726	53.23	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.46%			
62) 4-Bromofluorobenzene	11.085	95	53339	53.68	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.36%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.964	59	165	0.84	ug/l	# 73
16) Acetone	2.385	43	5589	13.36	ug/l	91
18) Methyl Acetate	2.715	43	431	0.42	ug/l	# 47
20) Methylene Chloride	2.800	84	4361	5.59	ug/l	# 93
25) 2-Butanone	4.580	43	1284	1.97	ug/l	# 73
31) Cyclohexane	5.568	56	1640	1.23	ug/l	# 17
36) 1,1-Dichloropropene	5.568	75	5518	4.86	ug/l	# 46
38) Carbon Tetrachloride	5.568	117	6220	6.53	ug/l	# 15
43) Isopropyl Acetate	6.354	43	10182	4.81	ug/l	# 88
48) Methyl methacrylate	7.604	41	2653	2.71	ug/l	# 10
49) 1,4-Dioxane	7.805	88	33	1.57	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	37049	28.13	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	15909	13.08	ug/l	# 64
56) Ethyl methacrylate	9.268	69	130	2.66	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10098	6.99	ug/l	# 42
59) 2-Hexanone	9.488	43	147956	148.08	ug/l	# 43
74) N-amyl acetate	10.780	43	336	2.21	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	29564	25.46	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	1226	0.40	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	29564	66.33	ug/l	# 12
95) Naphthalene	13.786	128	166	1.97	ug/l	# 69

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

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MSVOA_X
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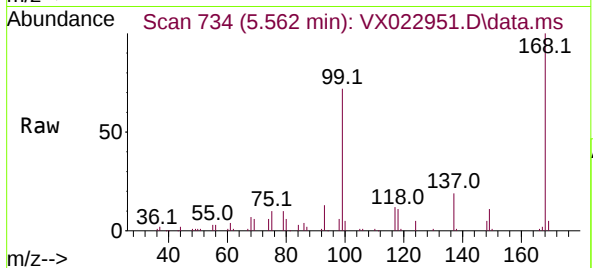
Quant Time: Jun 26 03:59:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



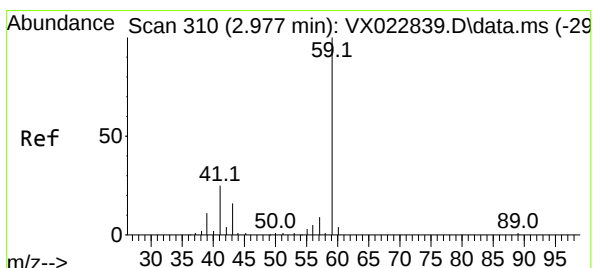
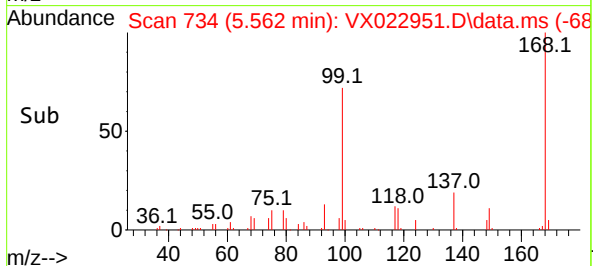
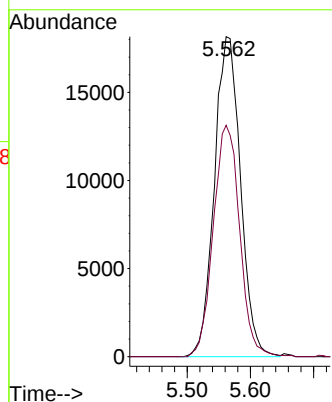


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Instrument :
MSVOA_X
ClientSampleId :

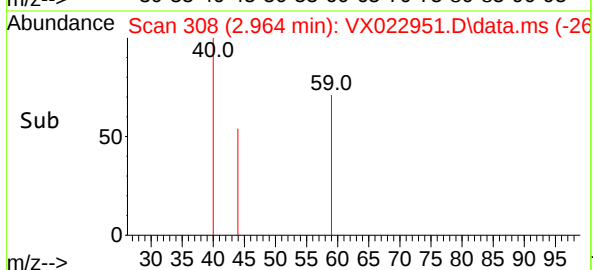
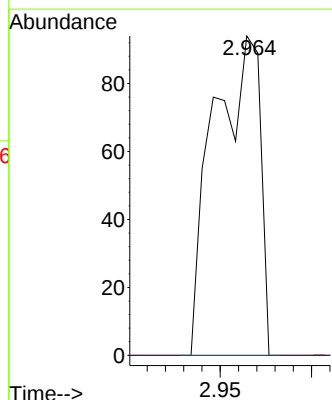
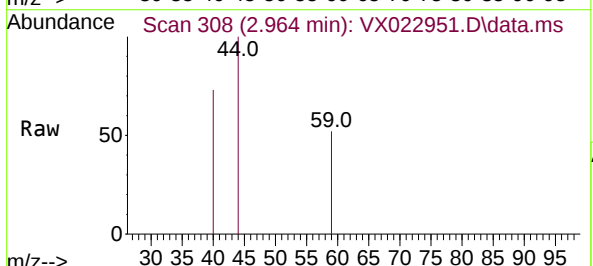


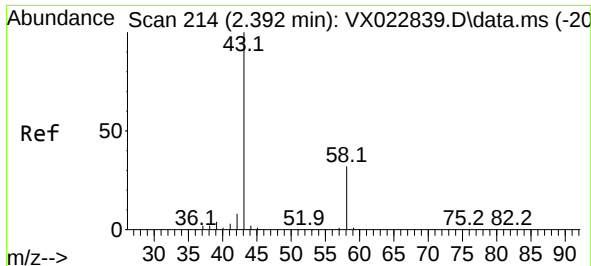
Tgt Ion:168 Resp: 52015
Ion Ratio Lower Upper
168 100
99 72.3 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.84 ug/l
RT: 2.964 min Scan# 308
Delta R.T. -0.013 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

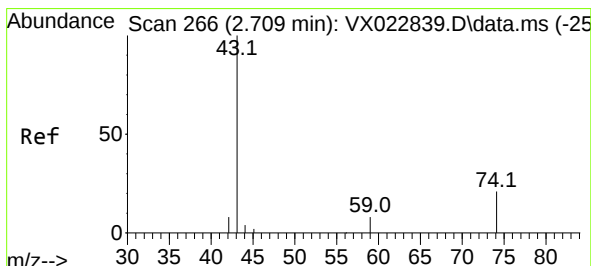
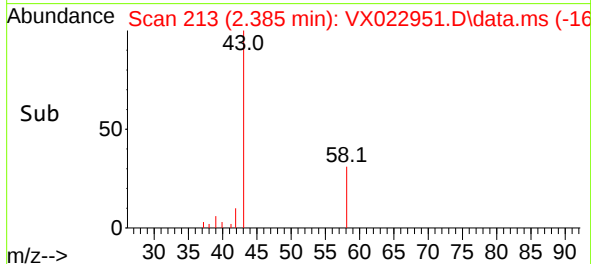
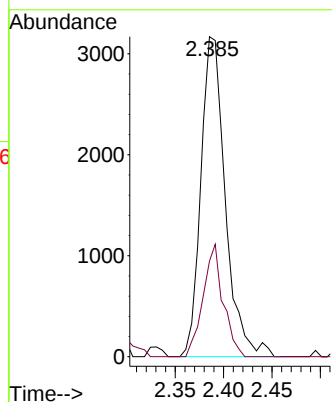
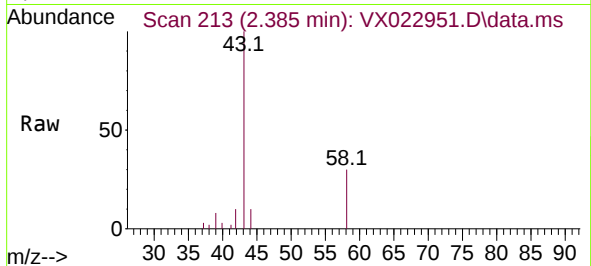




#16
Acetone
Concen: 13.36 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

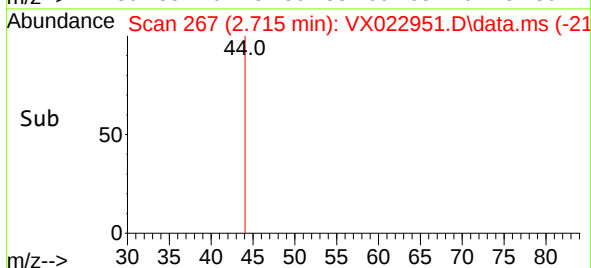
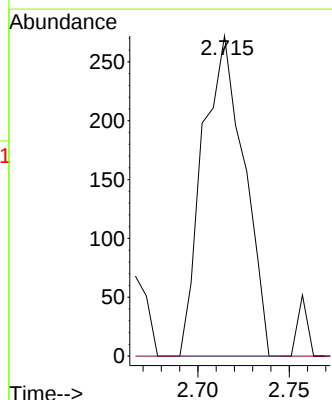
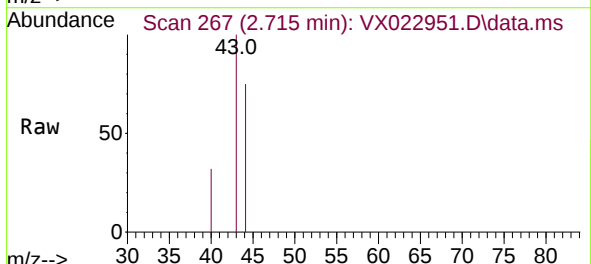
Instrument :
MSVOA_X
ClientSampled :

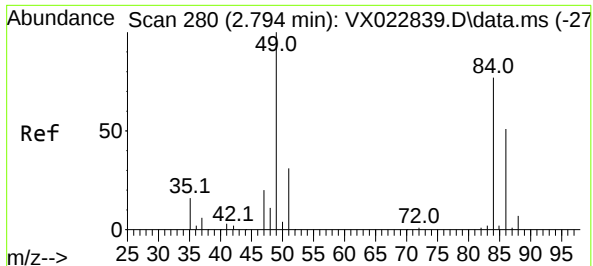
Tgt Ion: 43 Resp: 5589
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

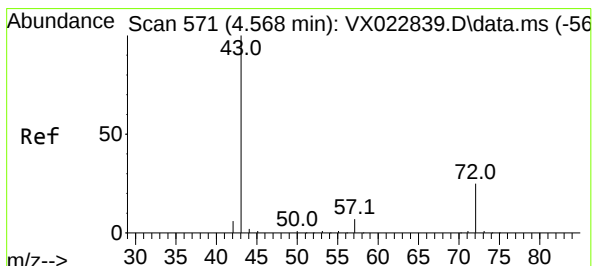
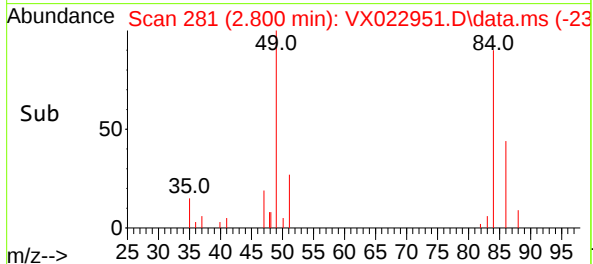
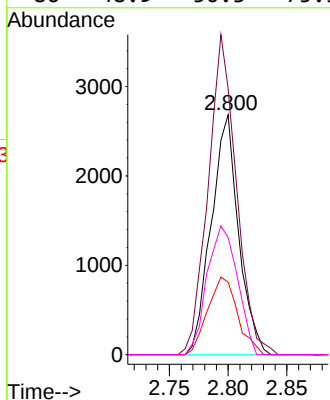
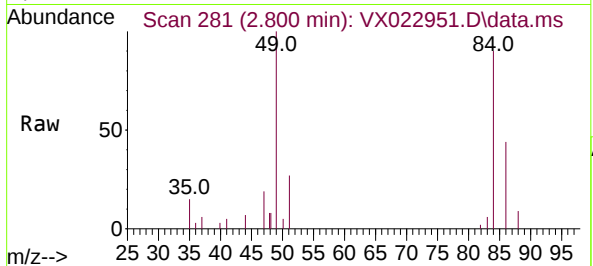




#20
Methylene Chloride
Concen: 5.59 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

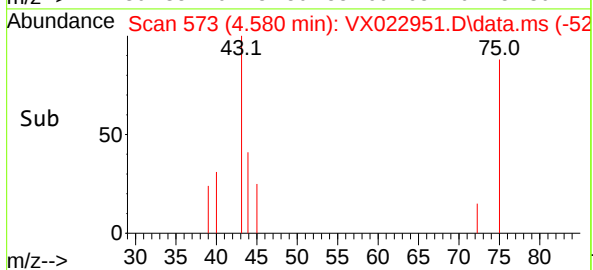
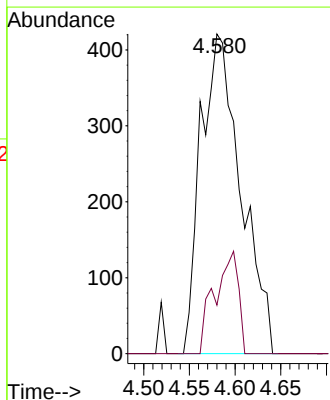
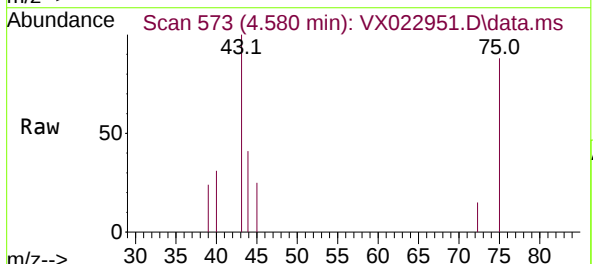
Instrument :
MSVOA_X
ClientSampleId :

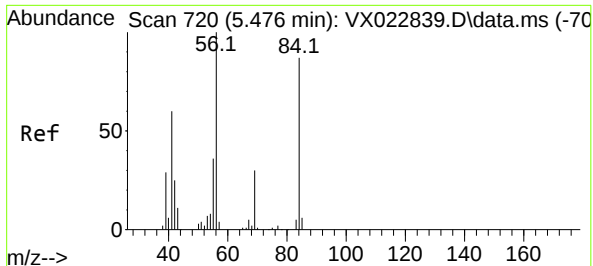
Tgt Ion: 84	Resp: 4361
Ion Ratio	Lower Upper
84 100	
49 110.9	88.6 132.8
51 30.2	27.0 40.6
86 48.9	50.3 75.5#



#25
2-Butanone
Concen: 1.97 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 43	Resp: 1284
Ion Ratio	Lower Upper
43 100	
72 15.2	23.7 35.5#

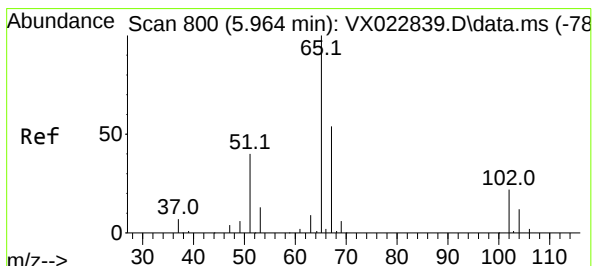
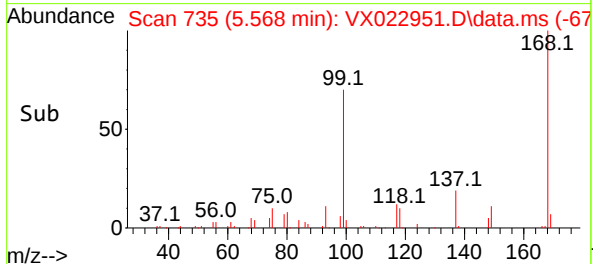
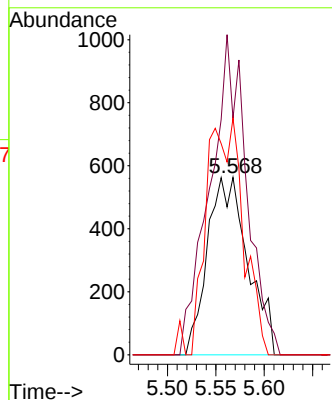
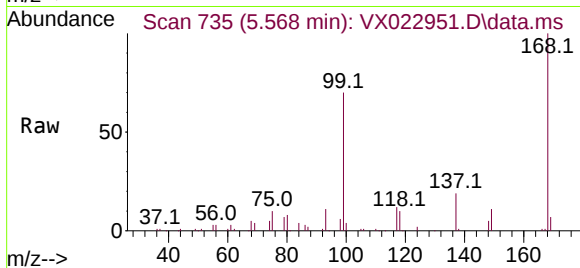




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

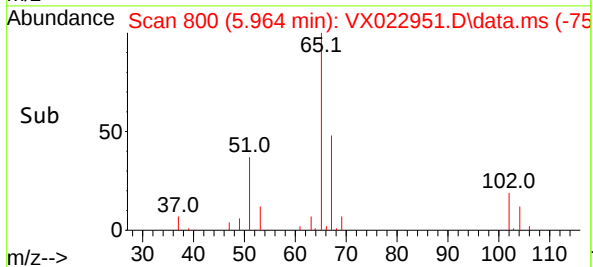
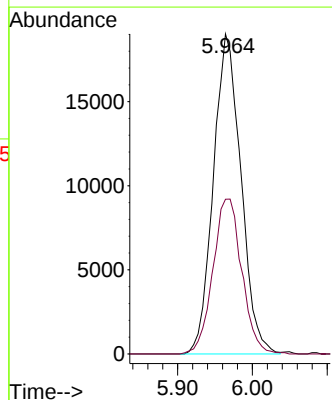
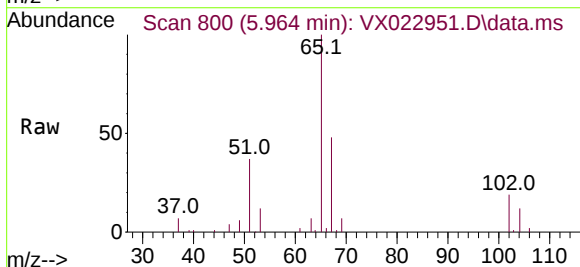
Instrument :
MSVOA_X
ClientSampleId :

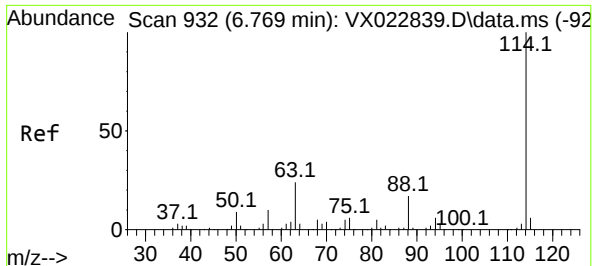
Tgt Ion: 56 Resp: 1640
Ion Ratio Lower Upper
56 100
69 133.2 25.3 37.9#
84 133.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.66 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 65 Resp: 48765
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

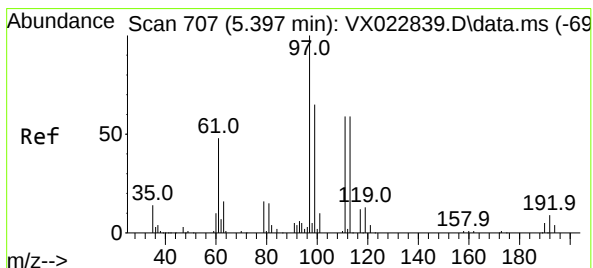
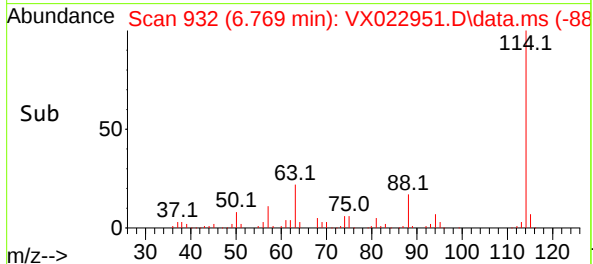
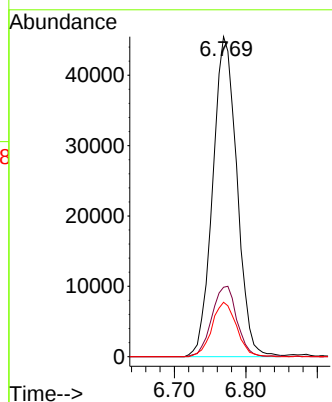
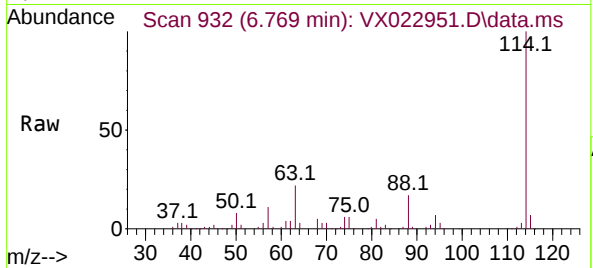




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

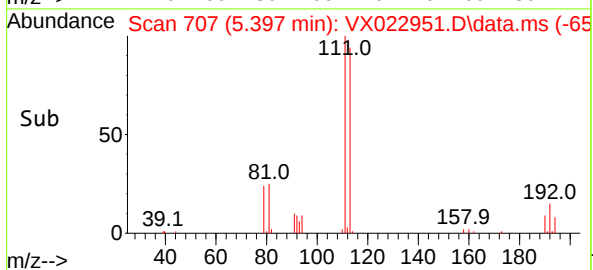
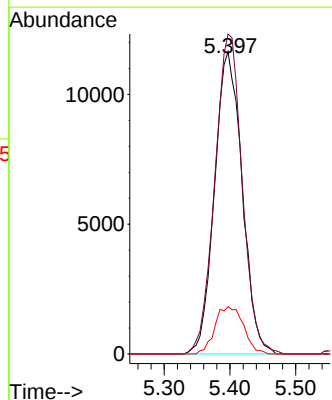
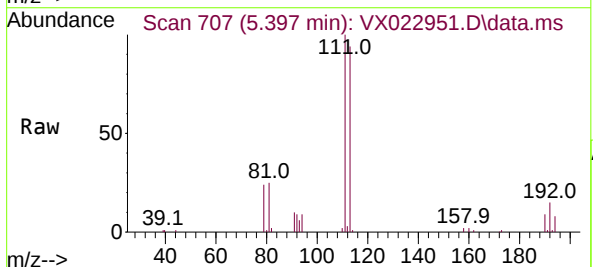
Instrument :
MSVOA_X
ClientSampled :

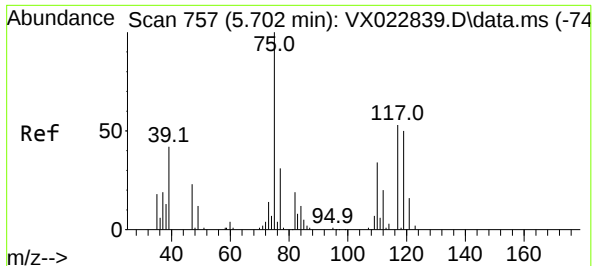
Tgt Ion:114 Resp: 106976
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.91 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion:113 Resp: 33907
Ion Ratio Lower Upper
113 100
111 105.4 81.9 122.9
192 16.2 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.86 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022951.D

Acq: 26 Jun 2021 03:25

Tgt Ion: 75 Resp: 5518

Ion Ratio Lower Upper

75 100

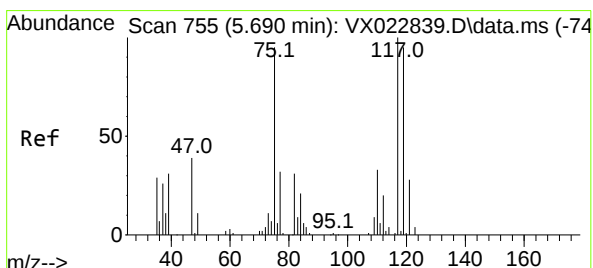
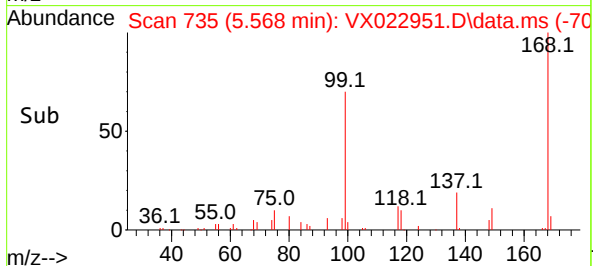
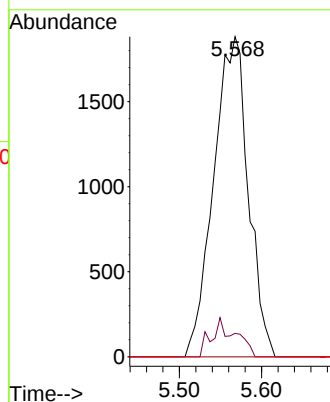
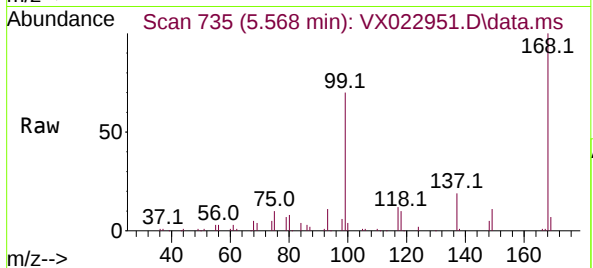
110 5.4 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.53 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX022951.D

Acq: 26 Jun 2021 03:25

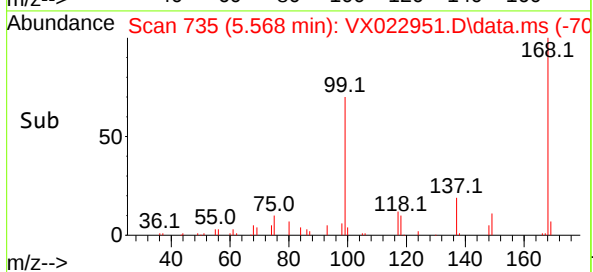
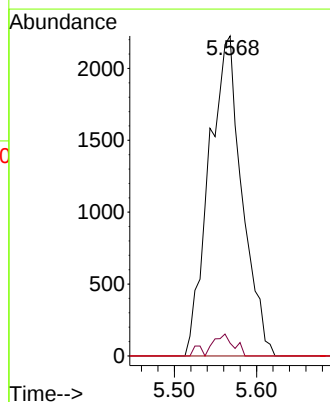
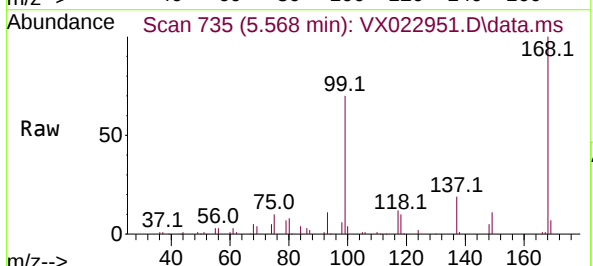
Tgt Ion: 117 Resp: 6220

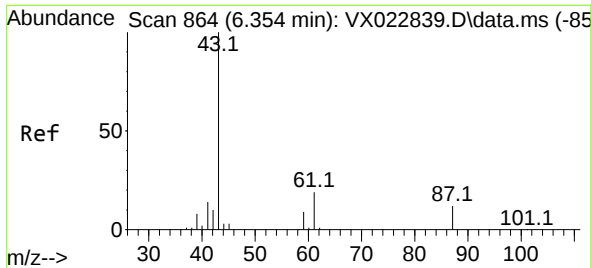
Ion Ratio Lower Upper

117 100

119 4.0 76.2 114.2#

121 0.0 24.8 37.2#

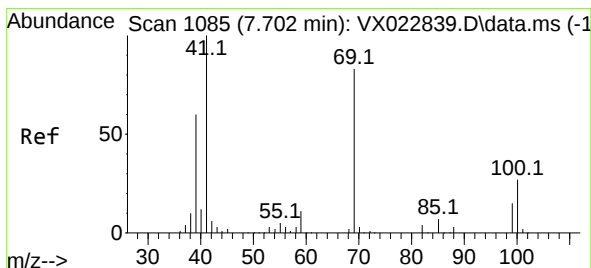
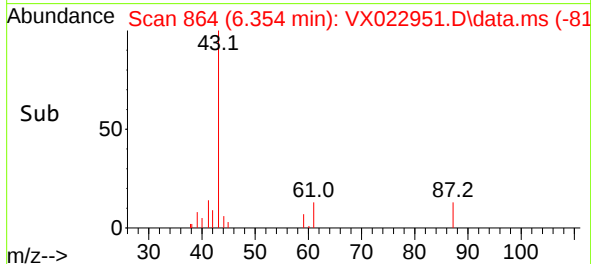
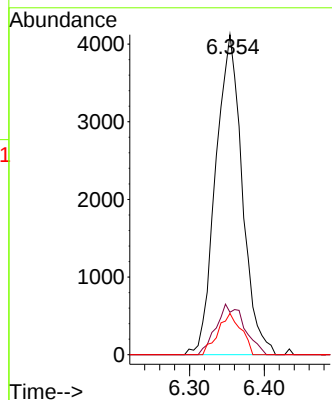
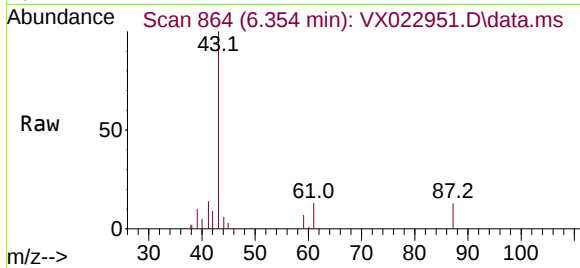




#43
Isopropyl Acetate
Concen: 4.81 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

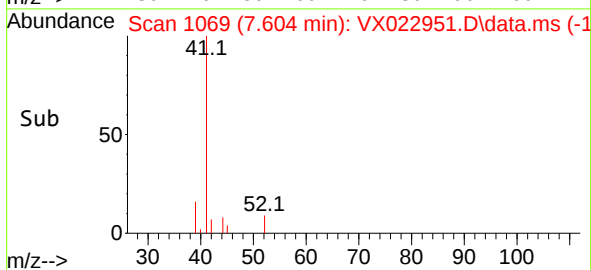
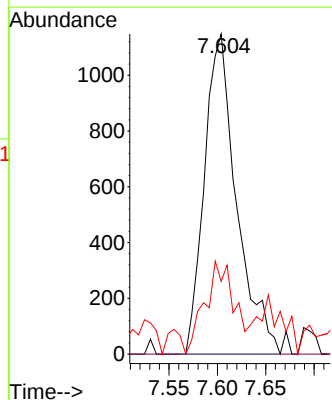
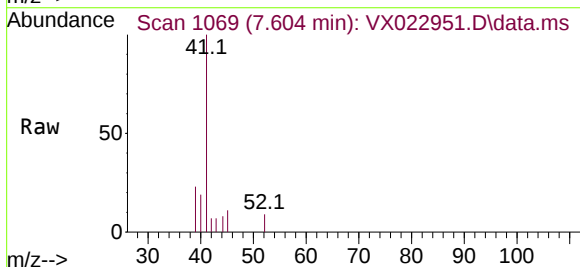
Instrument :
MSVOA_X
ClientSampleId :

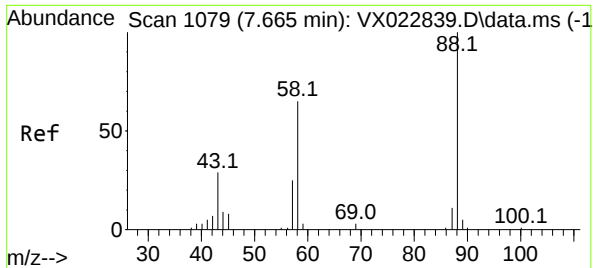
Tgt Ion: 43 Resp: 10182
Ion Ratio Lower Upper
43 100
61 16.8 18.2 27.4#
87 11.2 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.71 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 41 Resp: 2653
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

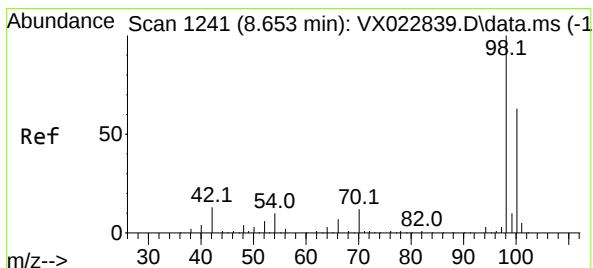
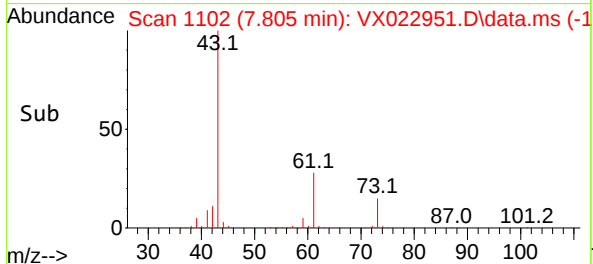
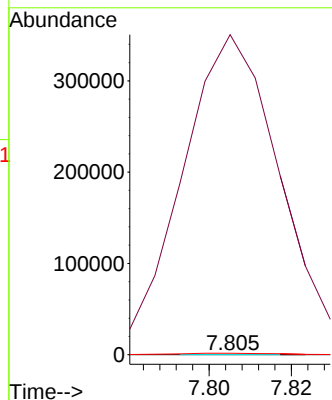
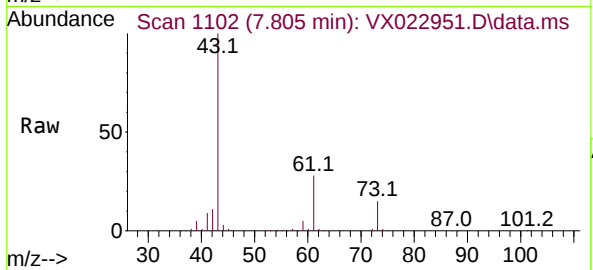




#49
1,4-Dioxane
Concen: 1.57 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

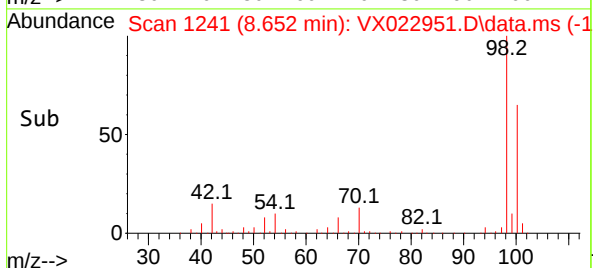
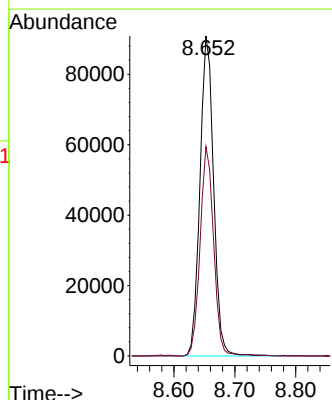
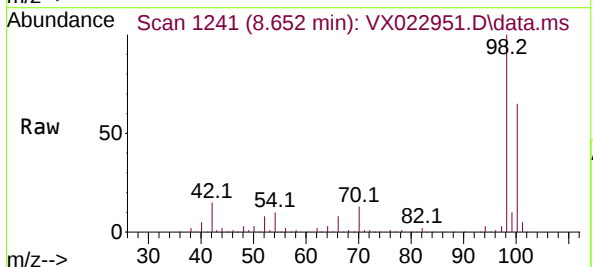
Instrument :
MSVOA_X
ClientSampled :

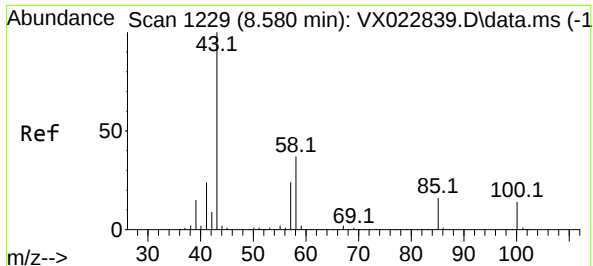
Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 1811415.2 23.2 34.8#
58 8233.3 55.0 82.4#



#50
Toluene-d8
Concen: 53.23 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 98 Resp: 141726
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

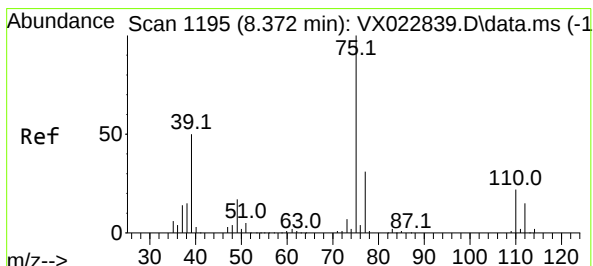
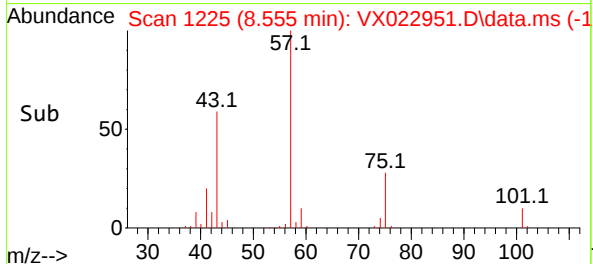
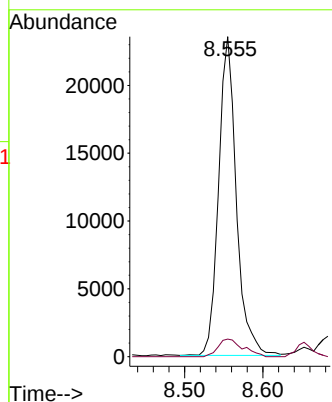
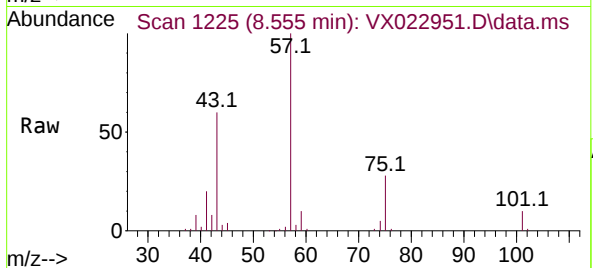




#51
4-Methyl-2-Pentanone
Concen: 28.13 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

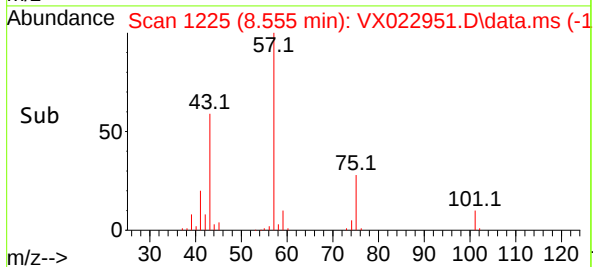
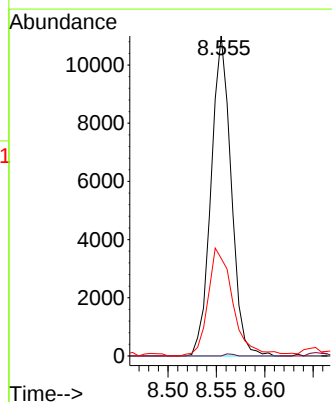
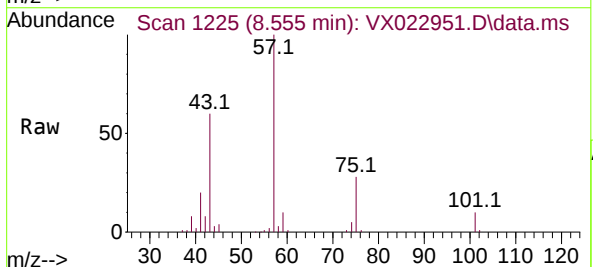
Instrument :
MSVOA_X
ClientSampleId :

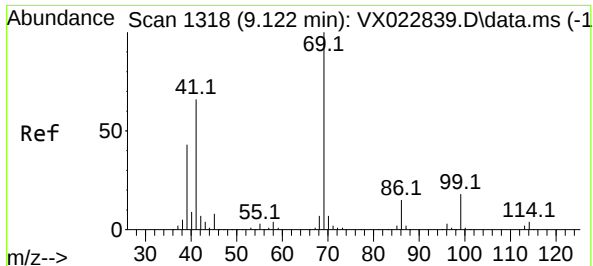
Tgt Ion: 43 Resp: 37049
Ion Ratio Lower Upper
43 100
58 7.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.08 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 75 Resp: 15909
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.5 35.1 52.7#

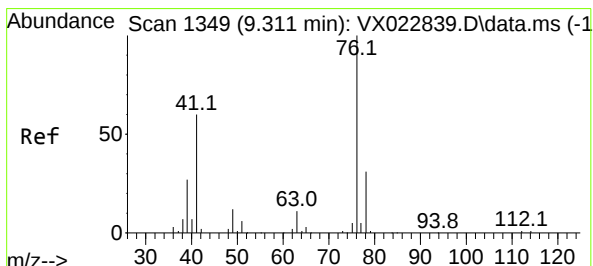
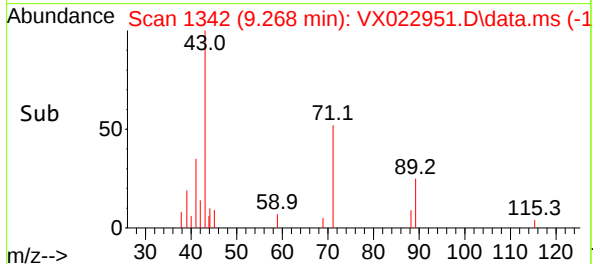
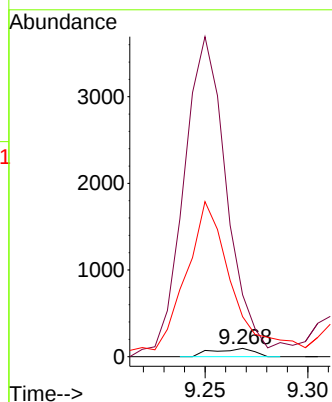
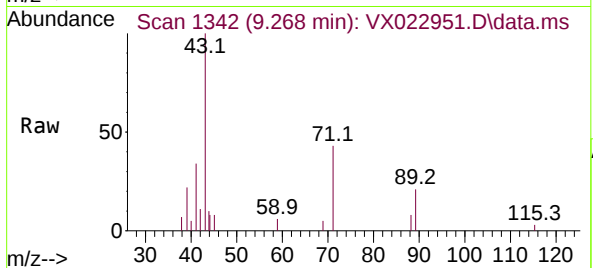




#56
Ethyl methacrylate
Concen: 2.66 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.146 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

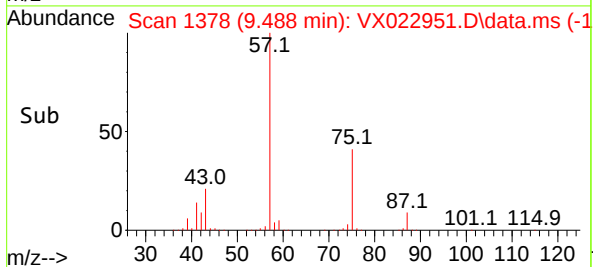
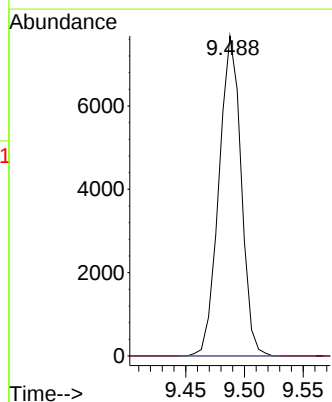
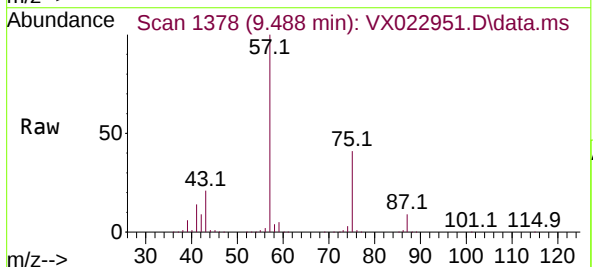
Instrument :
MSVOA_X
ClientSampled :

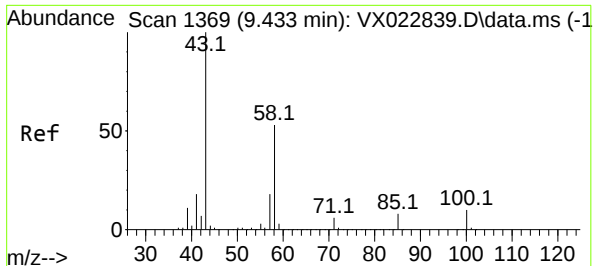
Tgt Ion: 69 Resp: 130
Ion Ratio Lower Upper
69 100
41 4226.2 46.8 70.2#
39 2340.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.99 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 76 Resp: 10098
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

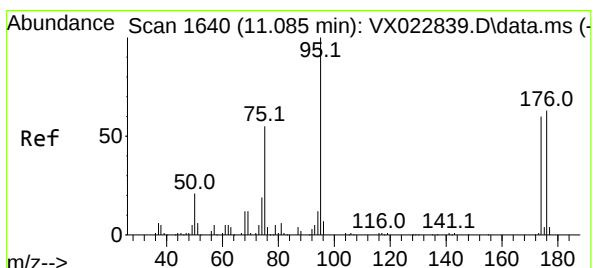
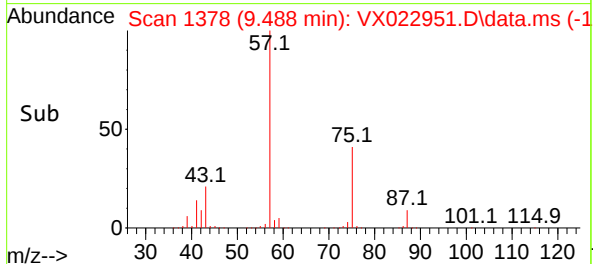
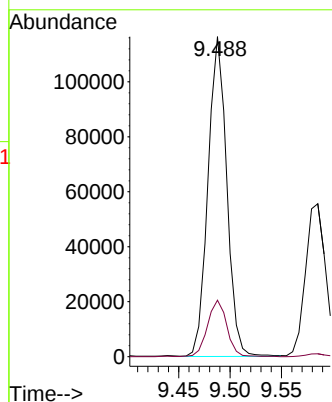
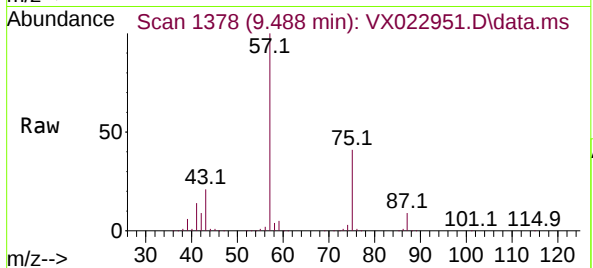




#59
2-Hexanone
Concen: 148.08 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

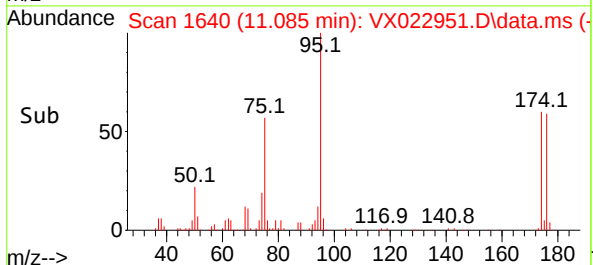
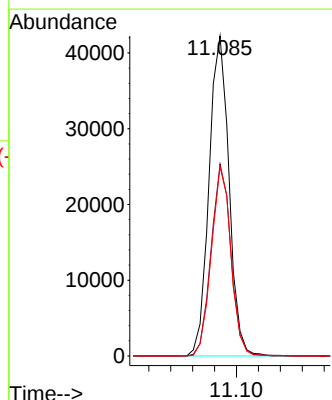
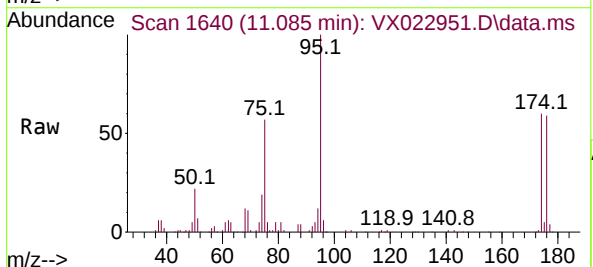
Instrument :
MSVOA_X
ClientSampled :

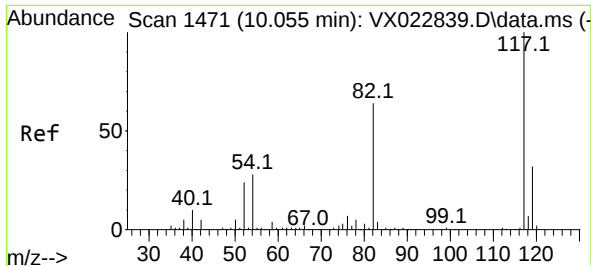
Tgt Ion: 43 Resp: 147956
Ion Ratio Lower Upper
43 100
58 18.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 53.68 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 95 Resp: 53339
Ion Ratio Lower Upper
95 100
174 59.5 0.0 154.6
176 57.7 0.0 155.8

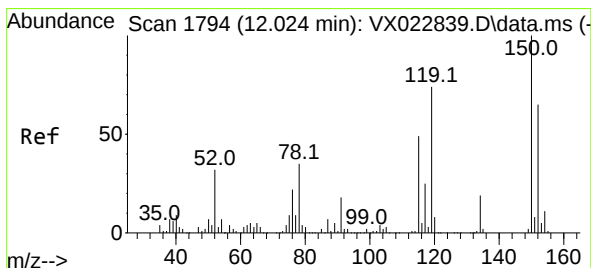
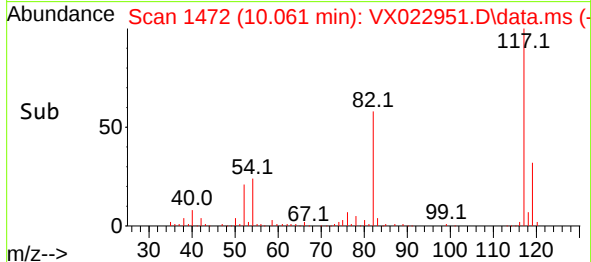
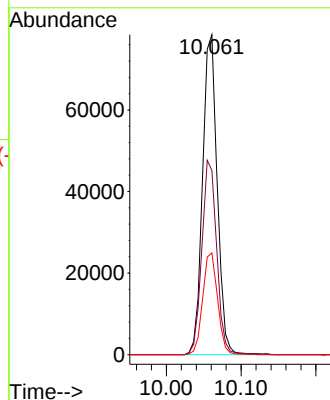
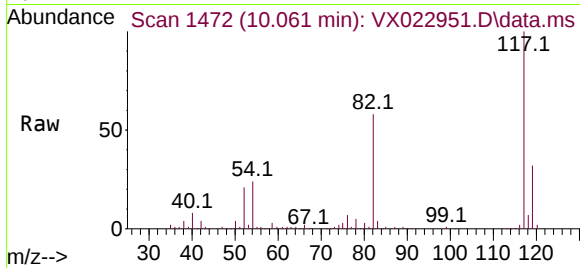




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

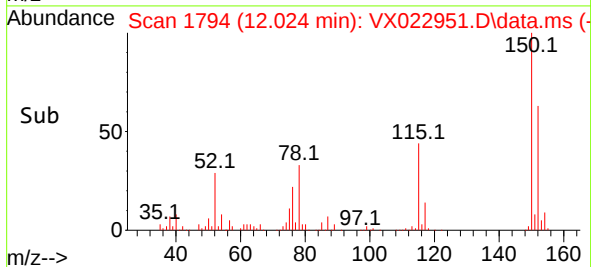
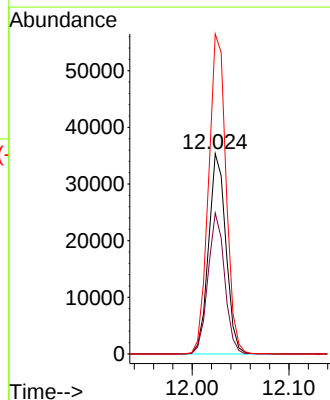
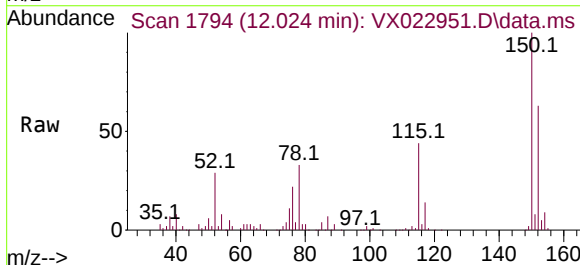
Instrument :
MSVOA_X
ClientSampleId :

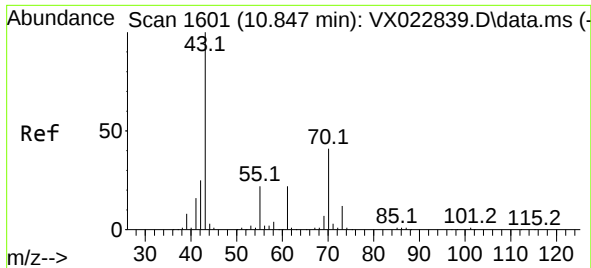
Tgt Ion:117 Resp: 106956
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion:152 Resp: 43961
Ion Ratio Lower Upper
152 100
115 67.7 41.1 123.3
150 161.7 0.0 349.0

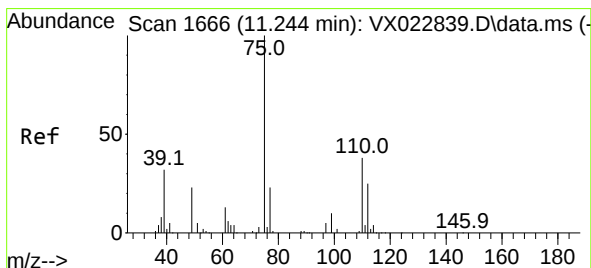
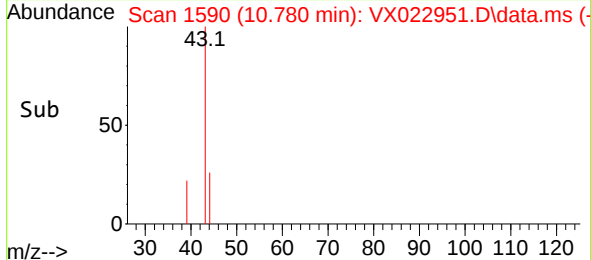
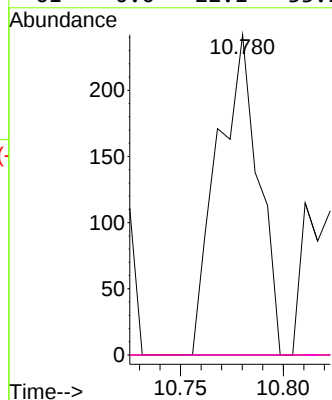
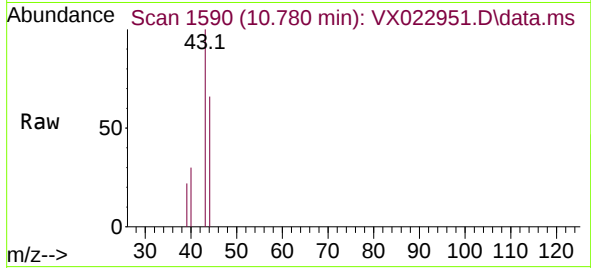




#74
N-amy1 acetate
Concen: 2.21 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.067 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

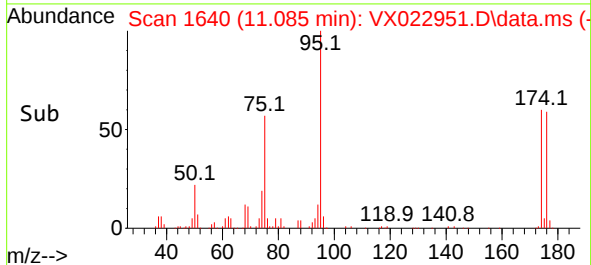
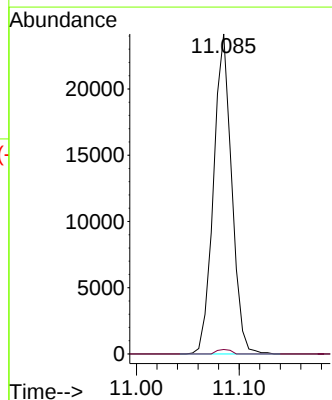
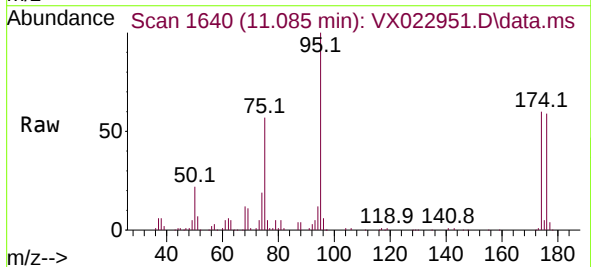
Instrument :
MSVOA_X
ClientSampleId :

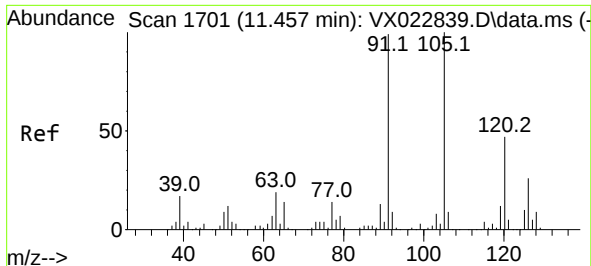
Tgt Ion: 43	Resp:	336	
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 25.46 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Tgt Ion: 75	Resp: 29564
Ion Ratio	Lower Upper
75 100	
77 1.1	19.1 57.5#

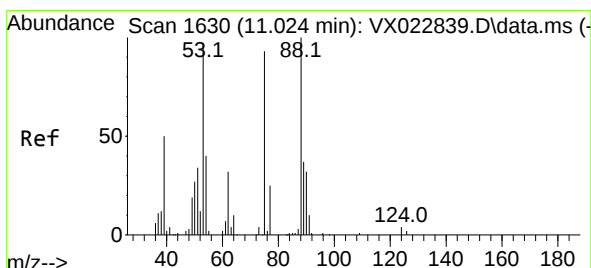
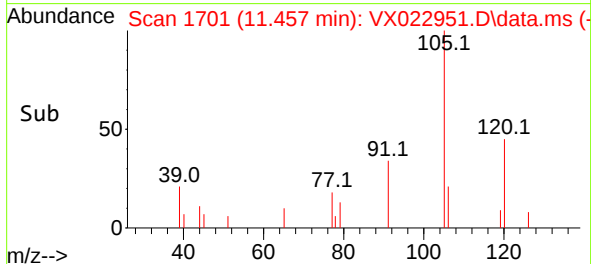
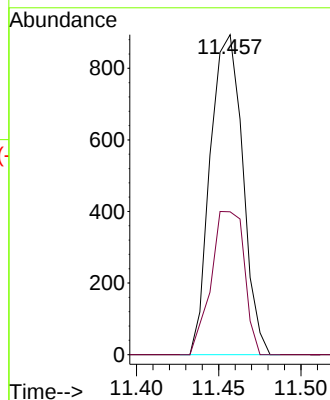
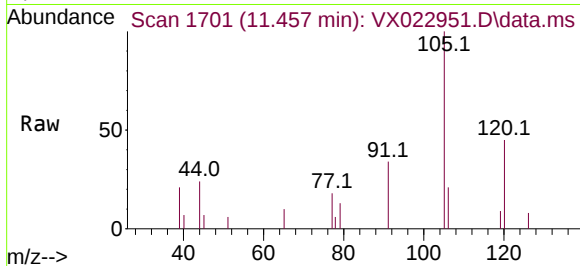




#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

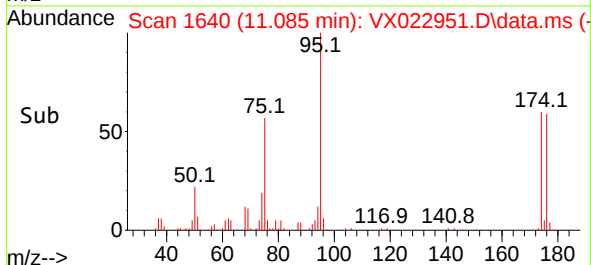
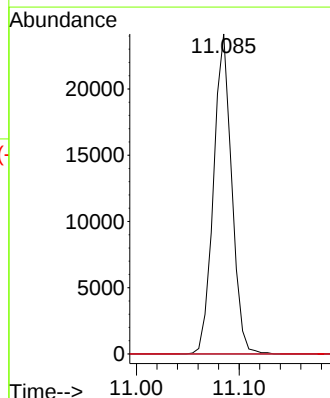
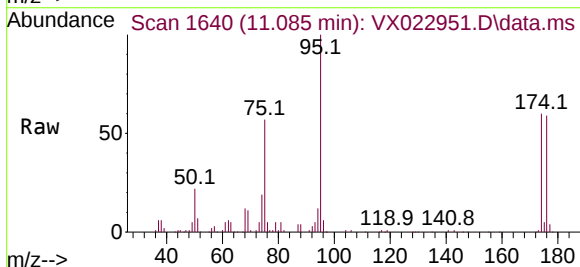
Instrument :
MSVOA_X
ClientSampled :

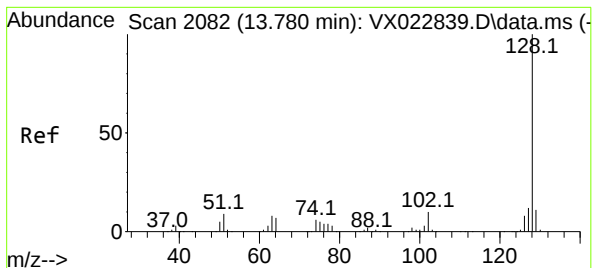
Tgt Ion:105 Resp: 1226
Ion Ratio Lower Upper
105 100
120 45.7 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 66.33 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

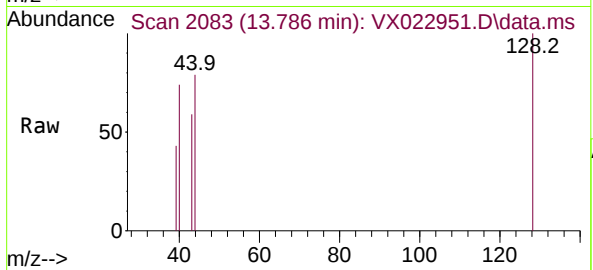
Tgt Ion: 75 Resp: 29564
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022951.D
Acq: 26 Jun 2021 03:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 166
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

