

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022949.D
 Acq On : 26 Jun 2021 02:38
 Operator : JC/MD
 Sample : PB137293ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

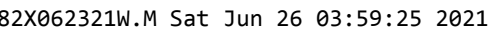
Quant Time: Jun 26 03:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

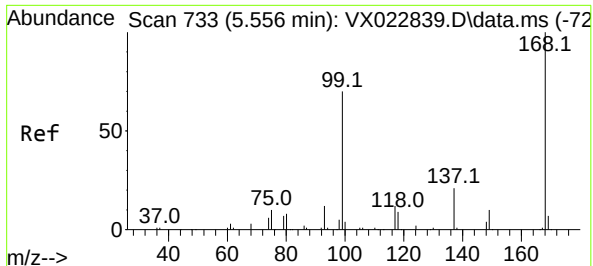
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	50999	50.00	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	108325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48672	52.59	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.18%			
35) Dibromofluoromethane	5.397	113	34074	49.53	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.06%			
50) Toluene-d8	8.653	98	141447	52.47	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.94%			
62) 4-Bromofluorobenzene	11.085	95	50431	50.12	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.24%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	280	1.45	ug/l	# 73
16) Acetone	2.392	43	6355	15.49	ug/l	99
17) Carbon Disulfide	2.520	76	21	3.53	ug/l	# 75
18) Methyl Acetate	2.709	43	368	0.36	ug/l	# 47
20) Methylene Chloride	2.794	84	4391	5.73	ug/l	# 83
25) 2-Butanone	4.587	43	1123	1.76	ug/l	# 83
29) Tetrahydrofuran	5.026	42	248	0.60	ug/l	# 43
31) Cyclohexane	5.562	56	1631	1.25	ug/l	# 27
36) 1,1-Dichloropropene	5.562	75	5473	4.76	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	6364	6.59	ug/l	# 15
43) Isopropyl Acetate	6.348	43	9836	4.59	ug/l	95
48) Methyl methacrylate	7.604	41	3036	3.06	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	37239	27.92	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	15748	12.85	ug/l	# 70
56) Ethyl methacrylate	9.348	69	484	2.89	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9821	6.71	ug/l	# 42
59) 2-Hexanone	9.378	43	4584	4.53	ug/l	# 19
60) Dibromochloromethane	9.275	129	24	3.68	ug/l	# 11
74) N-amyl acetate	10.817	43	211	2.15	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	27902	24.84	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	1376	0.47	ug/l	88
81) trans-1,4-Dichloro-2-b...	11.085	75	27902	64.87	ug/l	# 12
95) Naphthalene	13.786	128	180	1.97	ug/l	# 69

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

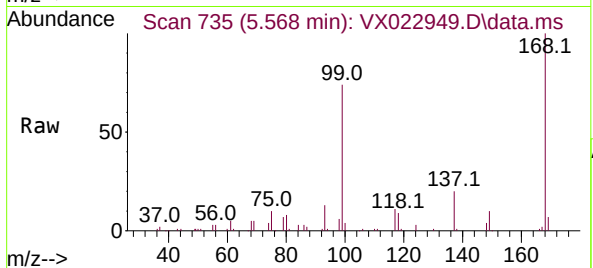
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



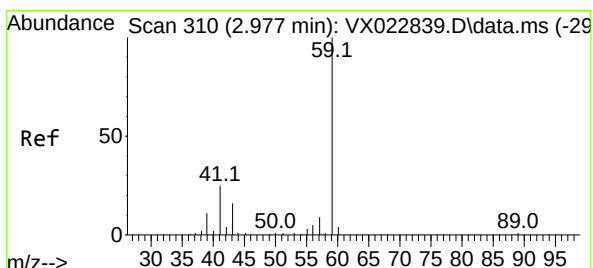
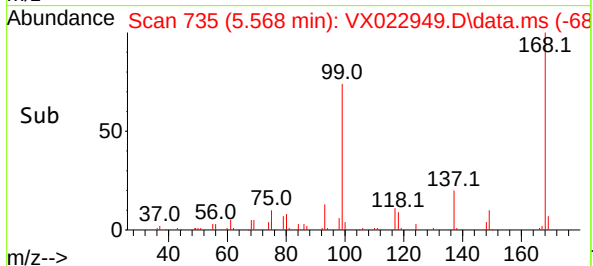
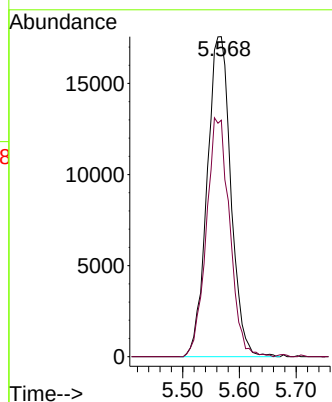


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Instrument :
MSVOA_X
ClientSampleId :

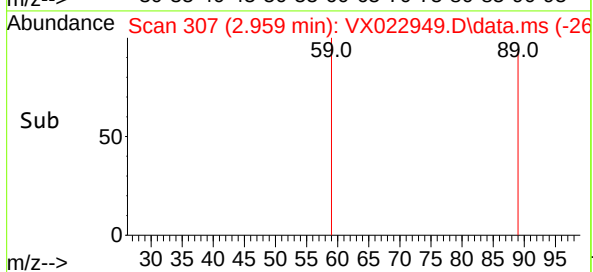
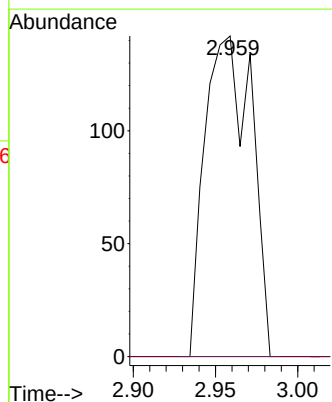
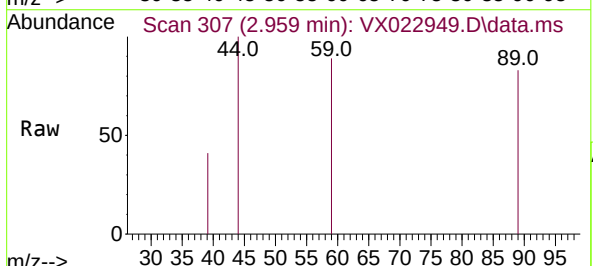


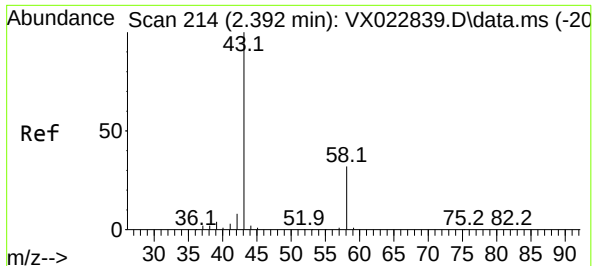
Tgt Ion:168 Resp: 50999
Ion Ratio Lower Upper
168 100
99 73.9 45.8 68.6#



#11
Tert butyl alcohol
Concen: 1.45 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

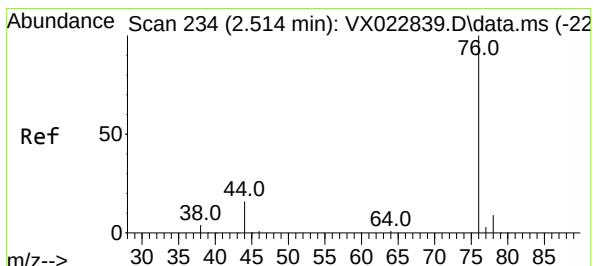
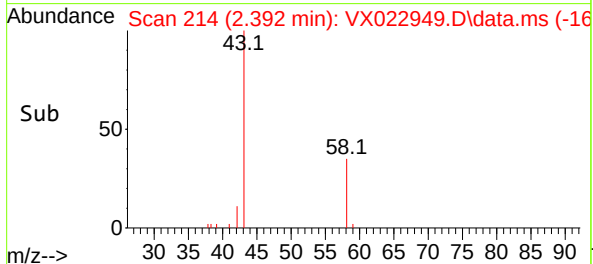
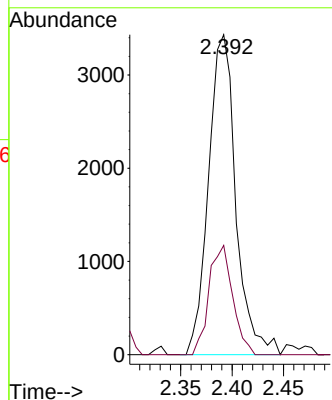
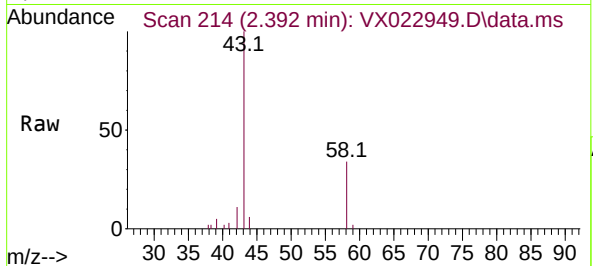




#16
Acetone
Concen: 15.49 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

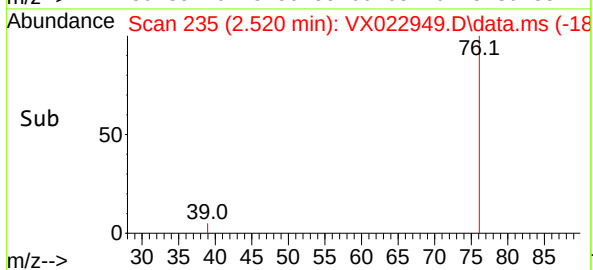
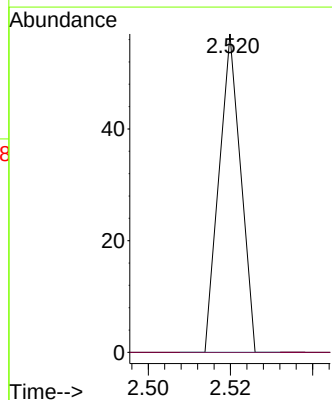
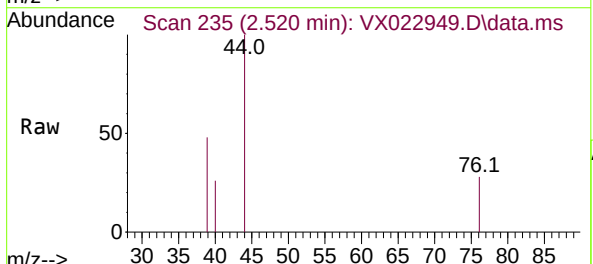
Instrument :
MSVOA_X
ClientSampleId :

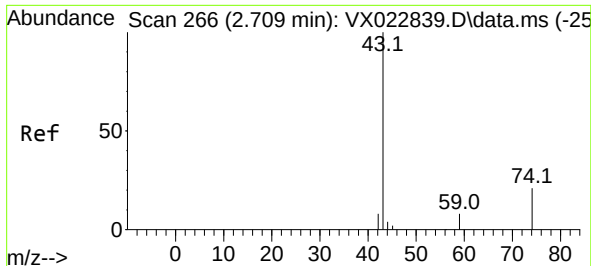
Tgt Ion: 43 Resp: 6355
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion: 76 Resp: 21
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

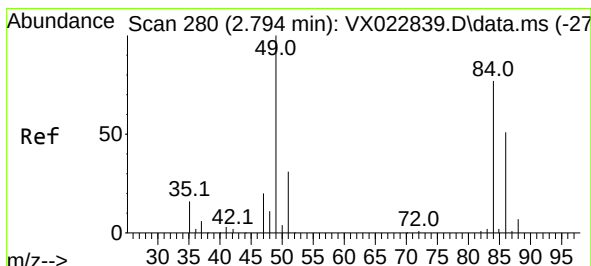
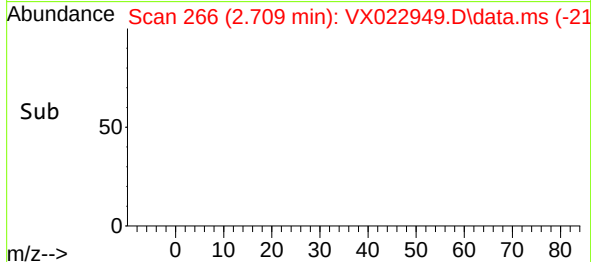
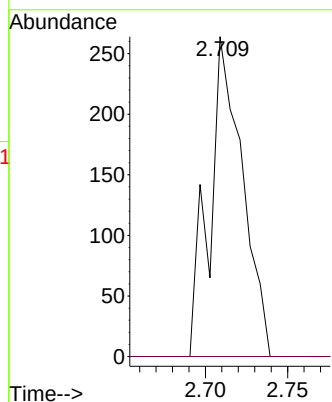
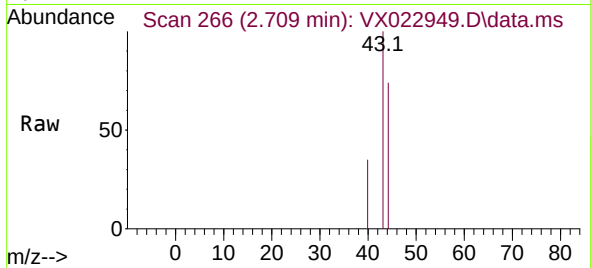




#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

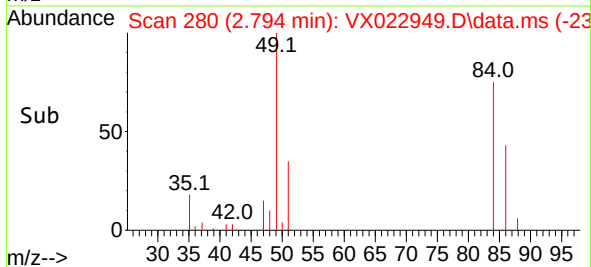
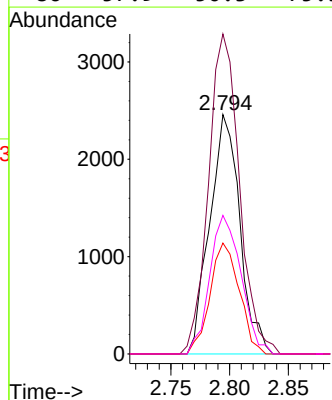
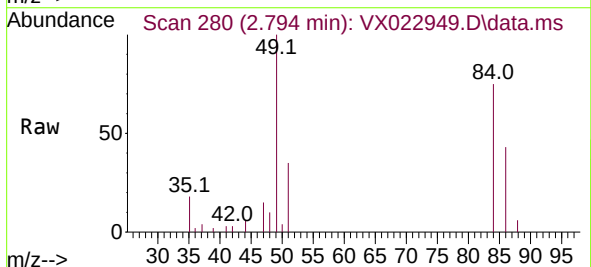
Instrument :
MSVOA_X
ClientSampled :

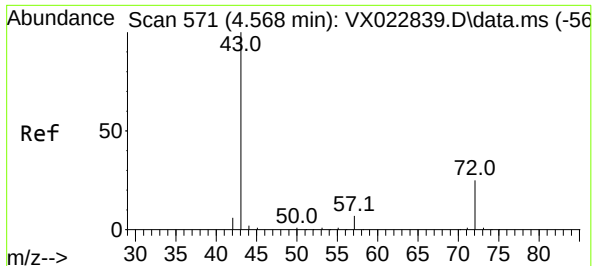
Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 5.73 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion: 84 Resp: 4391
Ion Ratio Lower Upper
84 100
49 133.7 88.6 132.8#
51 46.3 27.0 40.6#
86 57.9 50.3 75.5





#25

2-Butanone

Concen: 1.76 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX022949.D

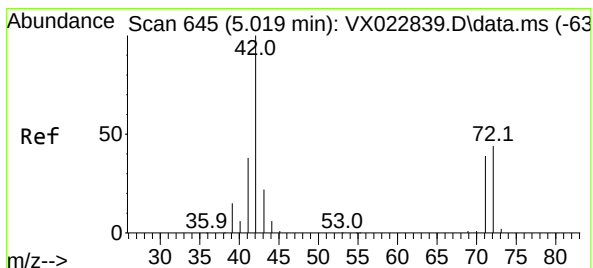
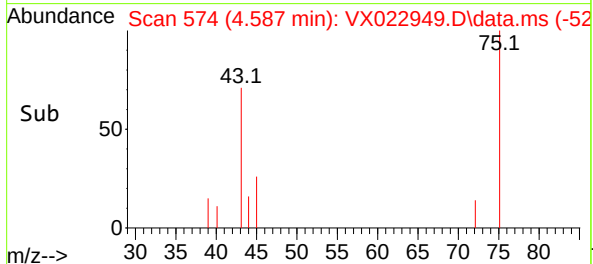
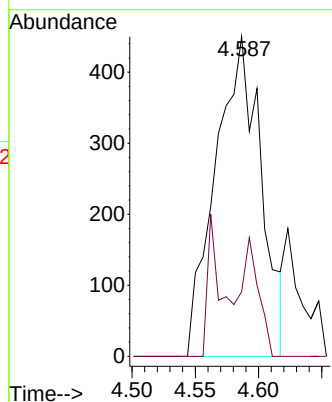
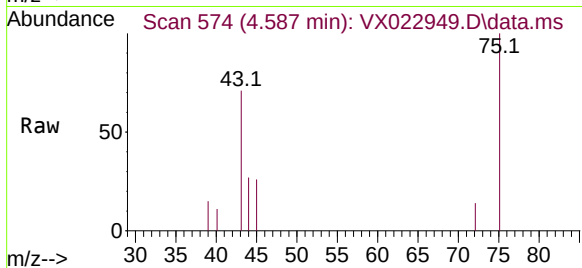
Acq: 26 Jun 2021 02:38

Tgt Ion: 43 Resp: 1123

Ion Ratio Lower Upper

43 100

72 20.2 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.60 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.007 min

Lab File: VX022949.D

Acq: 26 Jun 2021 02:38

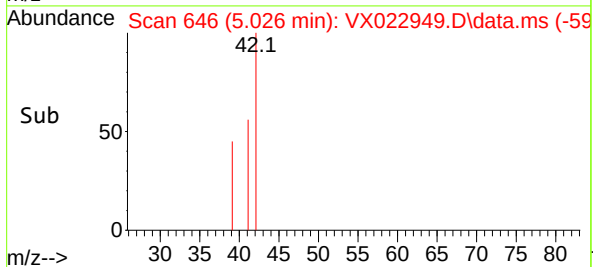
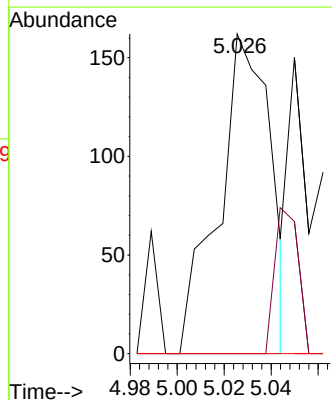
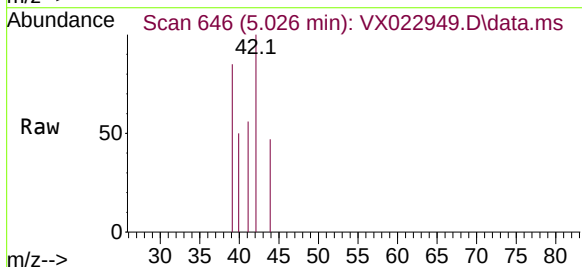
Tgt Ion: 42 Resp: 248

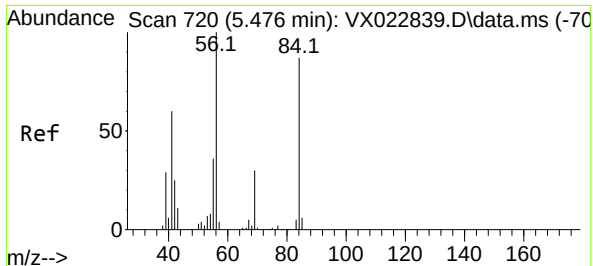
Ion Ratio Lower Upper

42 100

72 21.0 41.7 62.5#

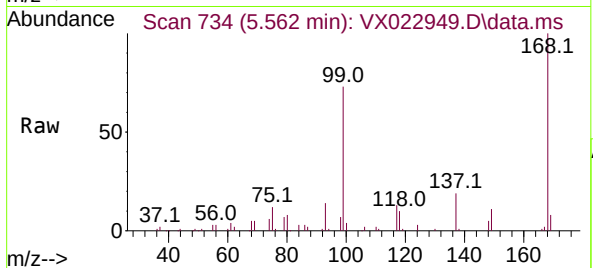
71 0.0 38.4 57.6#



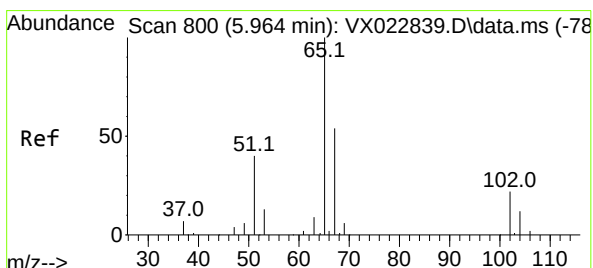
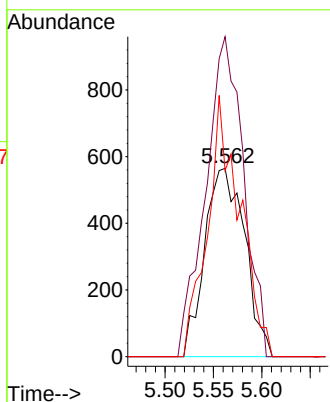
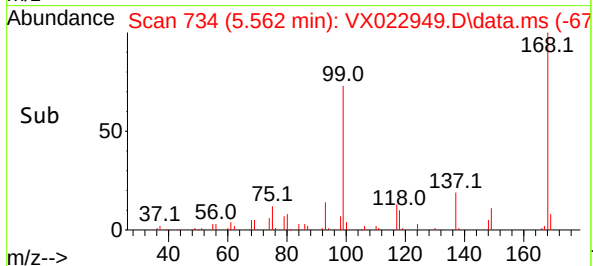


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

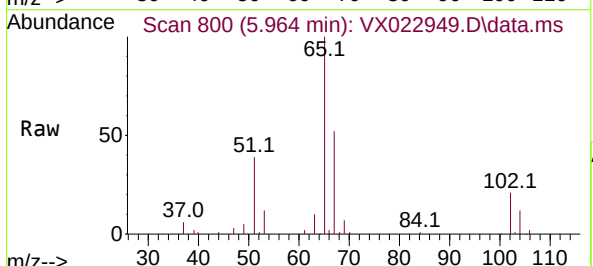
Instrument :
MSVOA_X
ClientSampleId :



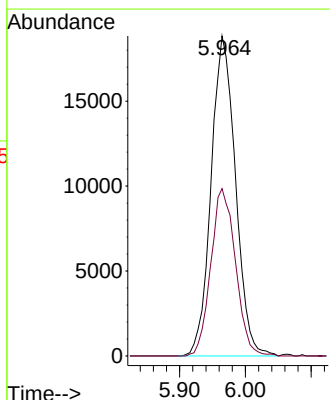
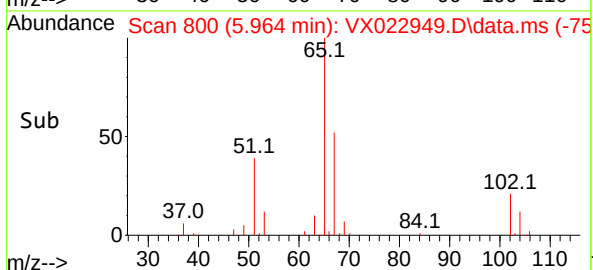
Tgt Ion: 56 Resp: 1631
Ion Ratio Lower Upper
56 100
69 169.9 25.3 37.9#
84 98.8 71.4 107.0

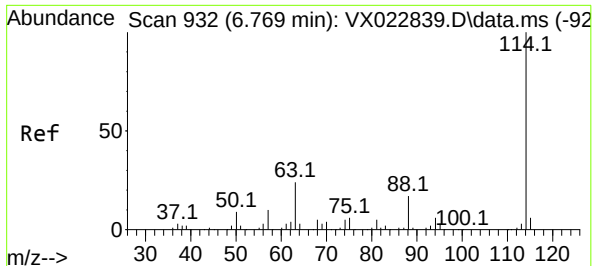


#33
1,2-Dichloroethane-d4
Concen: 52.59 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38



Tgt Ion: 65 Resp: 48672
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

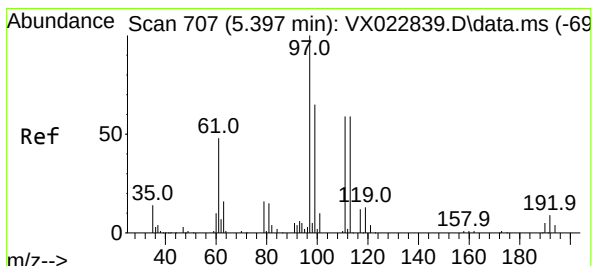
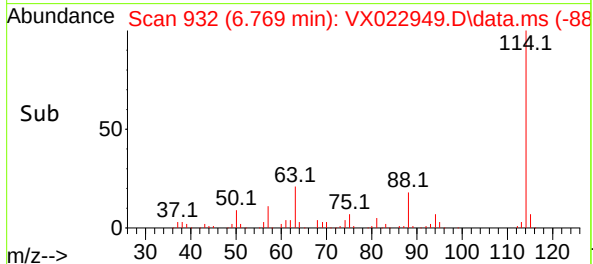
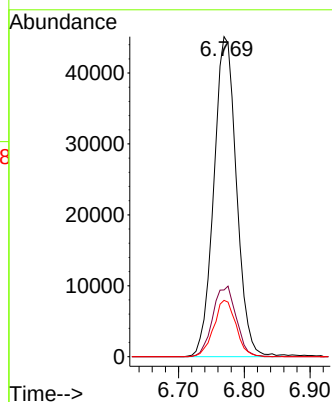
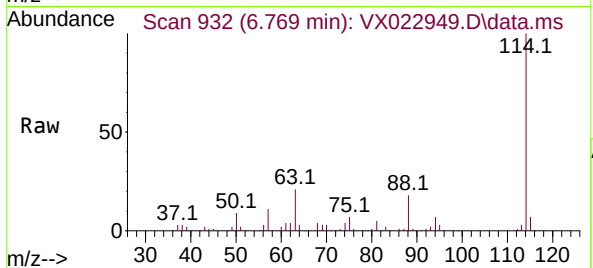




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

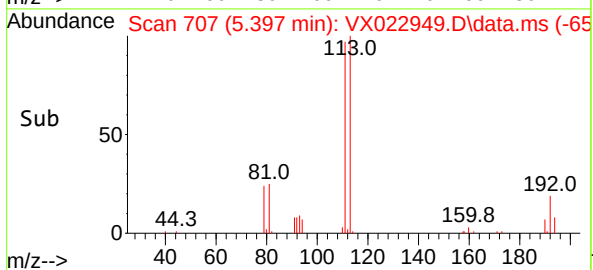
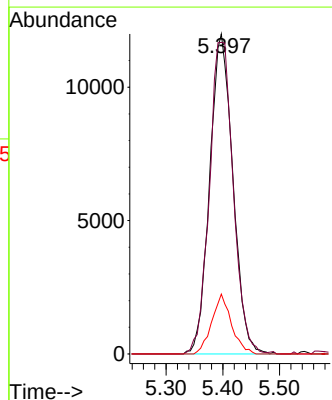
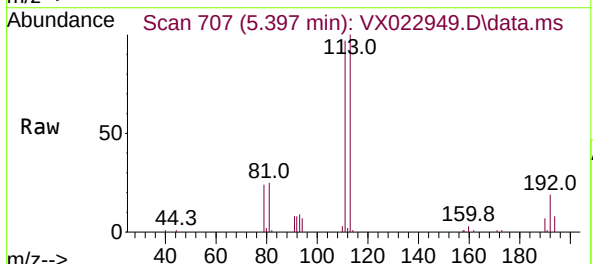
Instrument :
MSVOA_X
ClientSampleId :

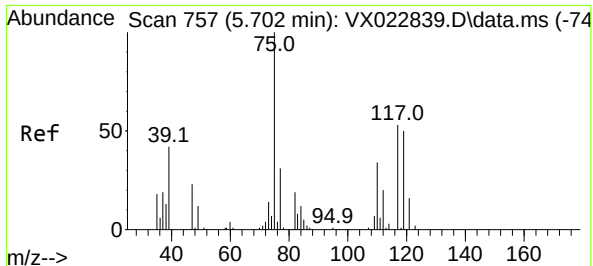
Tgt Ion:114 Resp: 108325
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.53 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion:113 Resp: 34074
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 15.8 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.76 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022949.D

Acq: 26 Jun 2021 02:38

Tgt Ion: 75 Resp: 5473

Ion Ratio Lower Upper

75 100

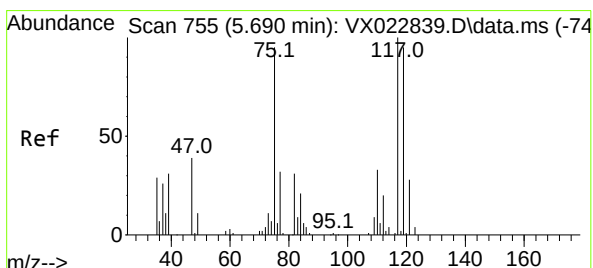
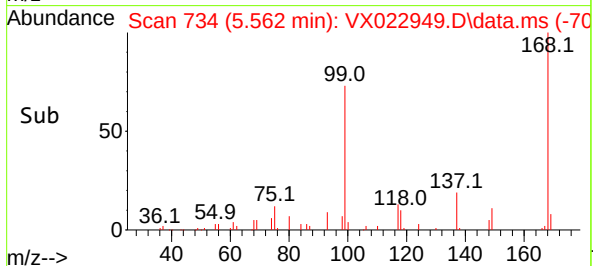
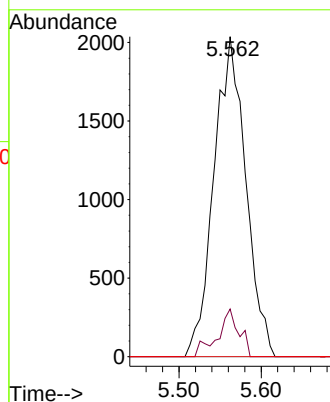
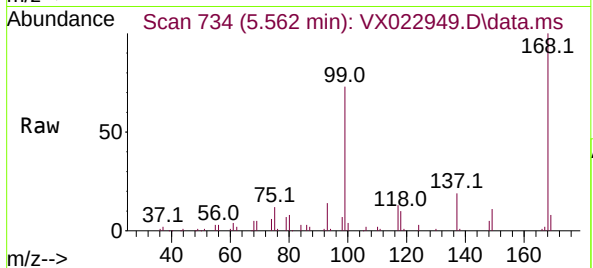
110 10.0 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.59 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX022949.D

Acq: 26 Jun 2021 02:38

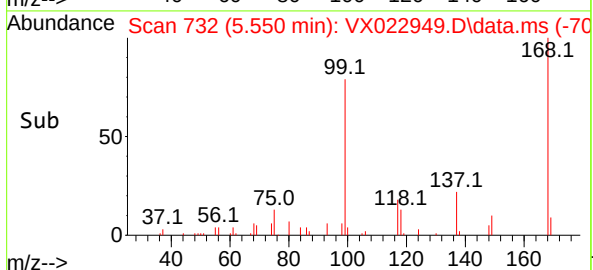
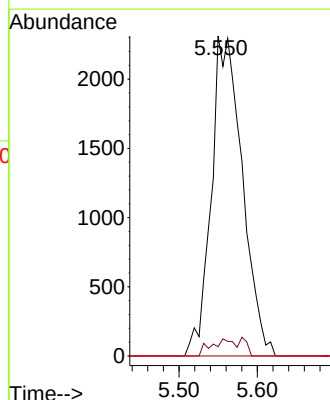
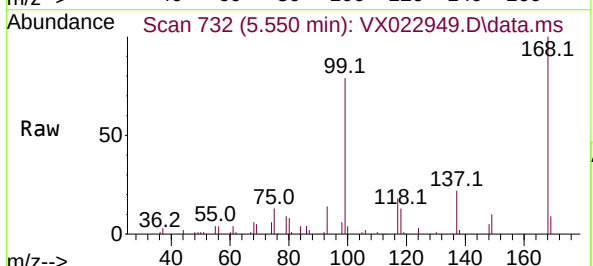
Tgt Ion: 117 Resp: 6364

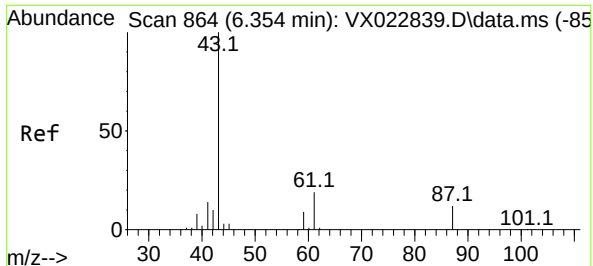
Ion Ratio Lower Upper

117 100

119 2.9 76.2 114.2#

121 0.0 24.8 37.2#

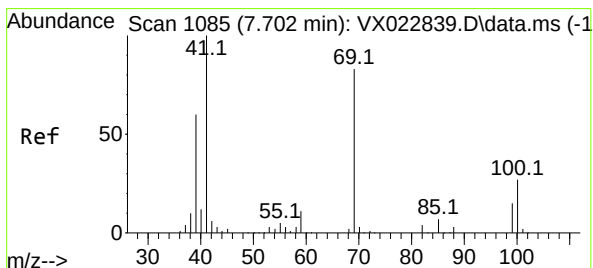
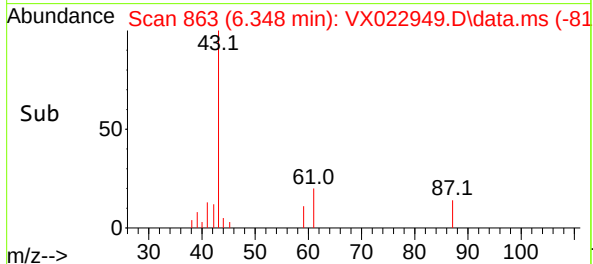
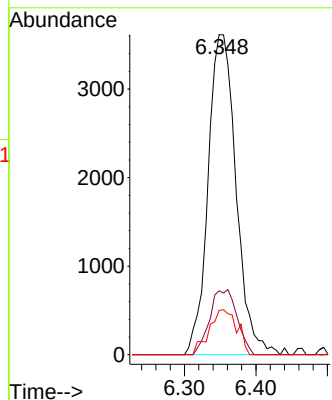
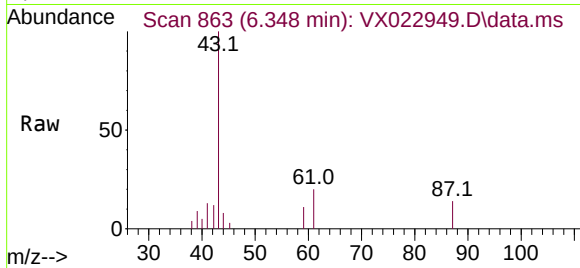




#43
Isopropyl Acetate
Concen: 4.59 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

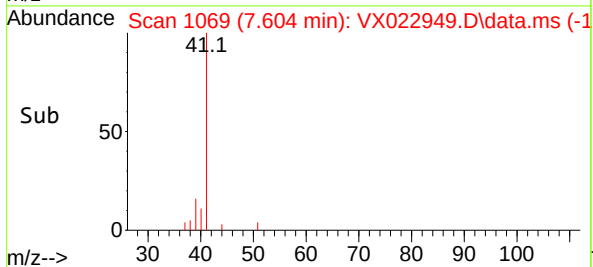
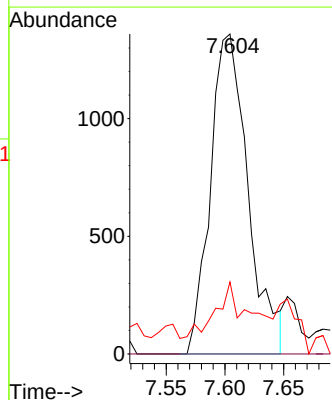
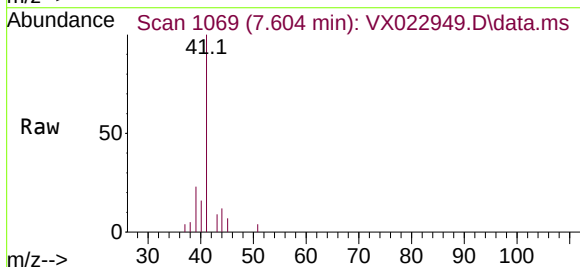
Instrument :
MSVOA_X
ClientSampleId :

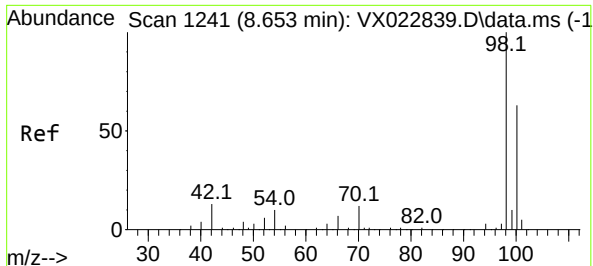
Tgt Ion: 43 Resp: 9836
Ion Ratio Lower Upper
43 100
61 19.8 18.2 27.4
87 14.0 12.5 18.7



#48
Methyl methacrylate
Concen: 3.06 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion: 41 Resp: 3036
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

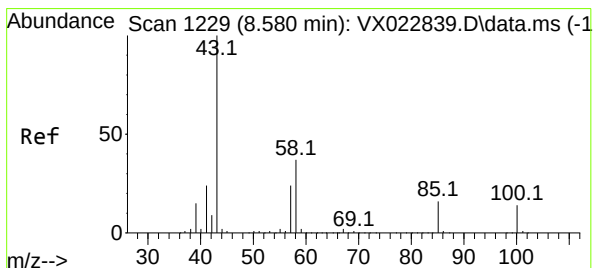
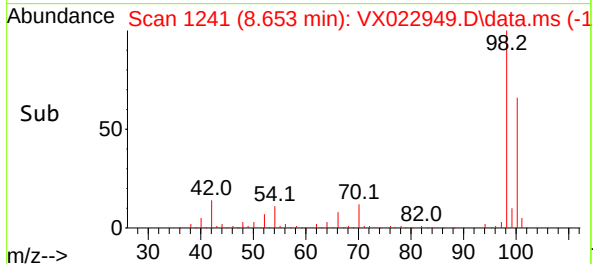
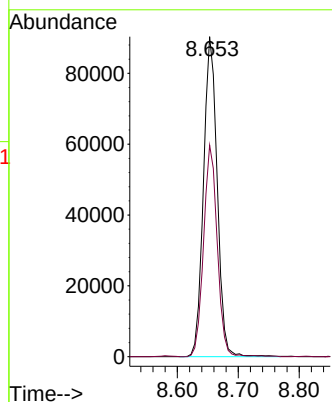
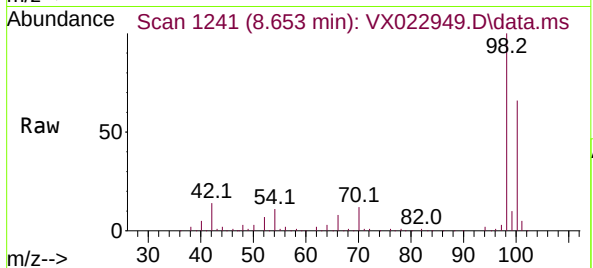




#50
Toluene-d8
Concen: 52.47 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

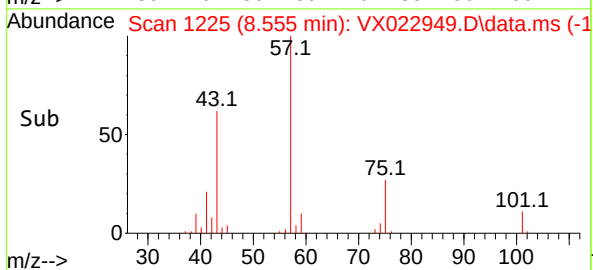
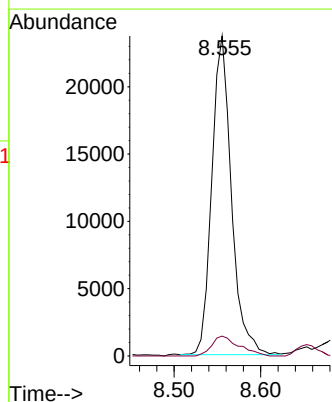
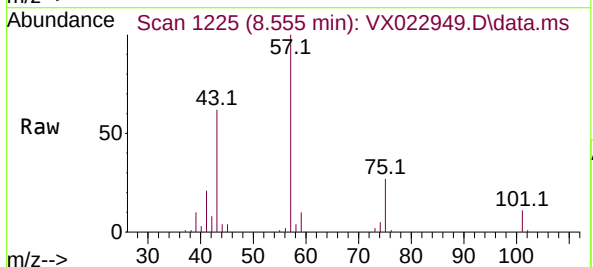
Instrument :
MSVOA_X
ClientSampled :

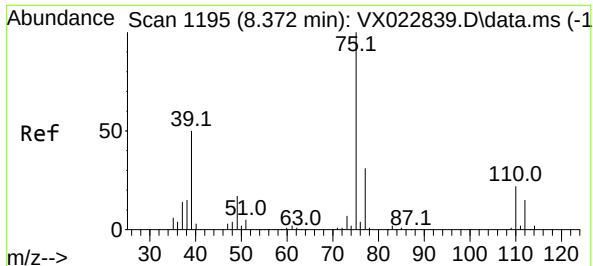
Tgt Ion: 98 Resp: 141447
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 27.92 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion: 43 Resp: 37239
Ion Ratio Lower Upper
43 100
58 8.7 35.4 53.0#

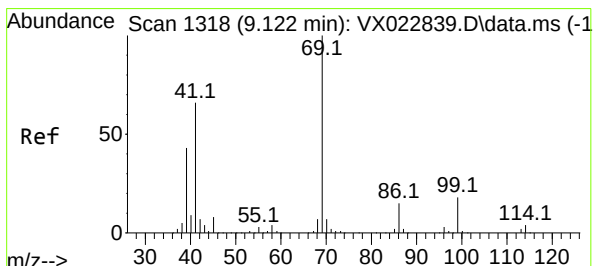
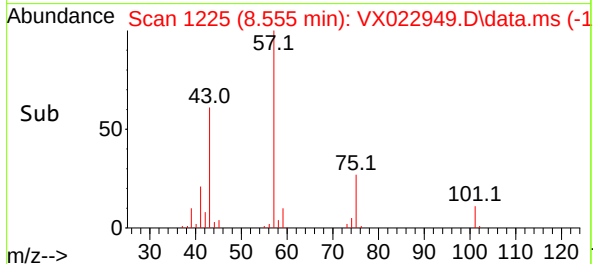
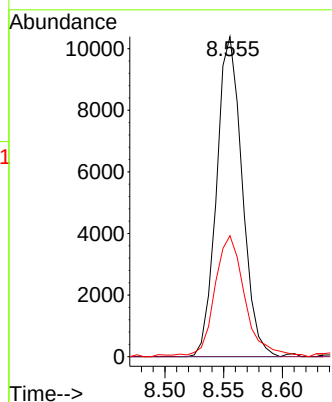
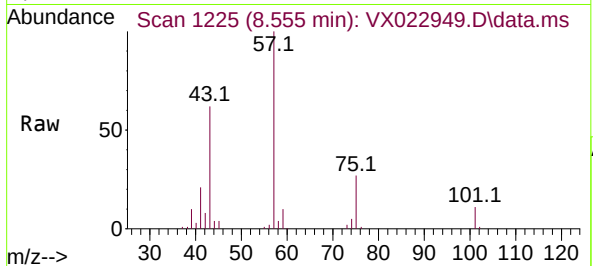




#54
cis-1,3-Dichloropropene
Concen: 12.85 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

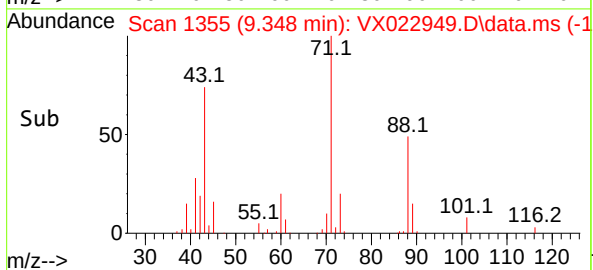
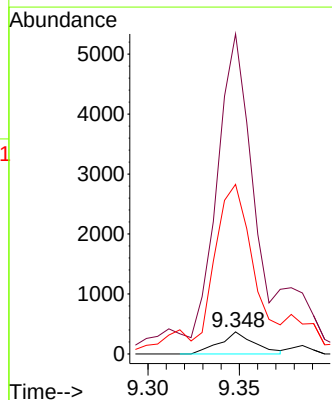
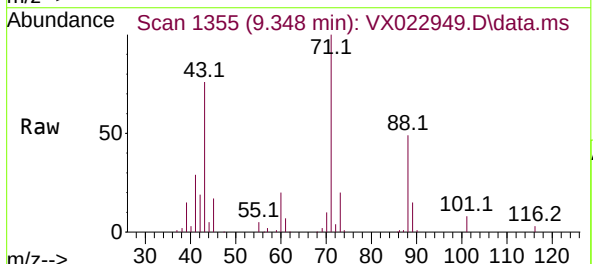
Instrument :
MSVOA_X
ClientSampled :

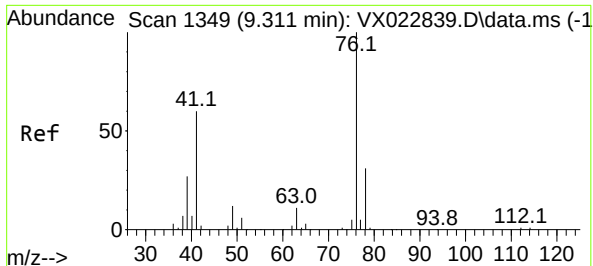
Tgt Ion: 75 Resp: 15748
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 37.0 35.1 52.7



#56
Ethyl methacrylate
Concen: 2.89 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion: 69 Resp: 484
Ion Ratio Lower Upper
69 100
41 1755.2 46.8 70.2#
39 888.2 24.7 37.1#

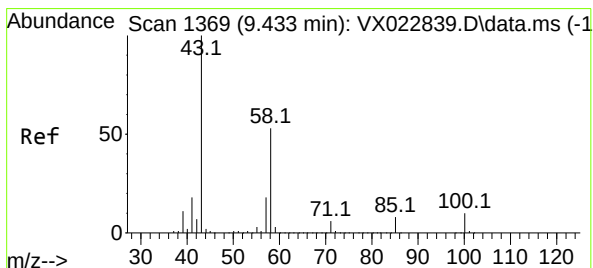
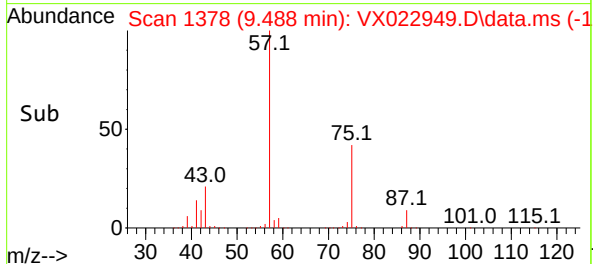
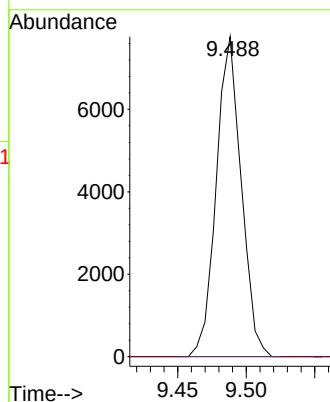
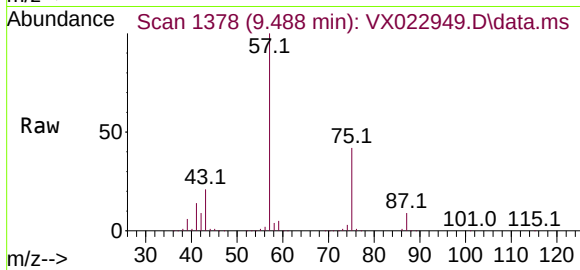




#57
1,3-Dichloropropane
Concen: 6.71 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

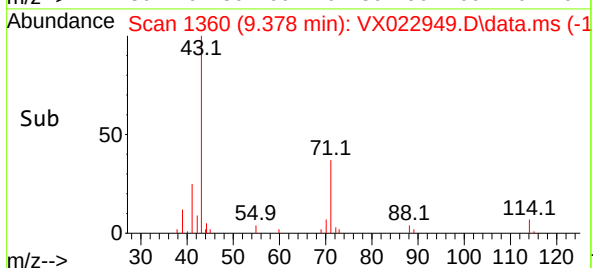
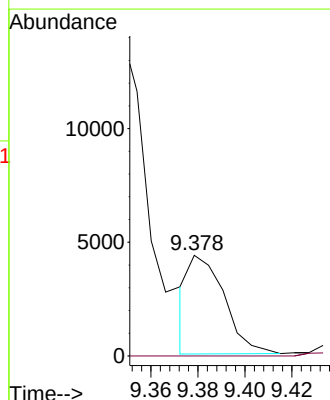
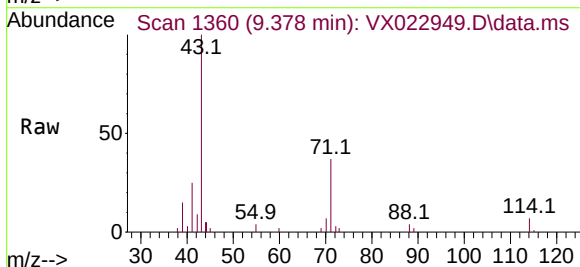
Instrument :
MSVOA_X
ClientSampleId :

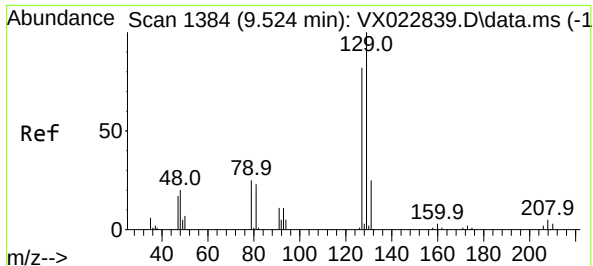
Tgt Ion: 76 Resp: 9821
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 4.53 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion: 43 Resp: 4584
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#





#60

Dibromochloromethane

Concen: 3.68 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX022949.D

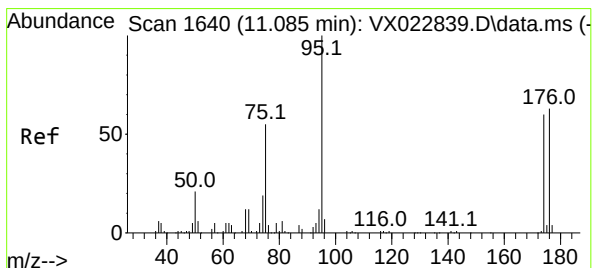
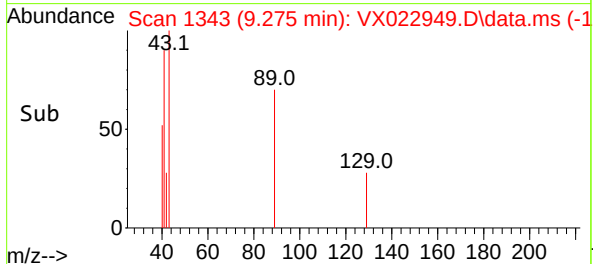
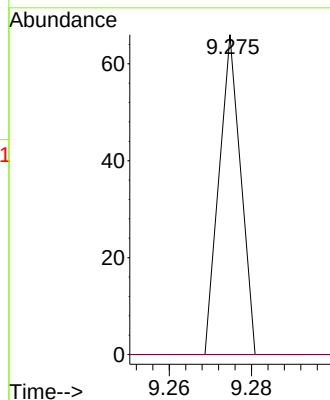
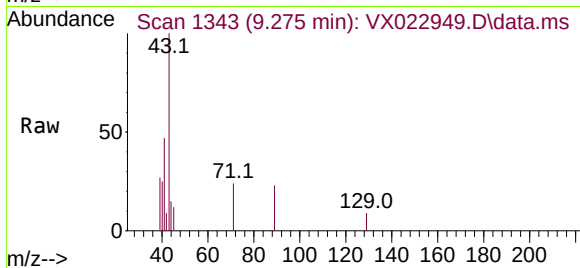
Acq: 26 Jun 2021 02:38

Tgt Ion:129 Resp: 24

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 50.12 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022949.D

Acq: 26 Jun 2021 02:38

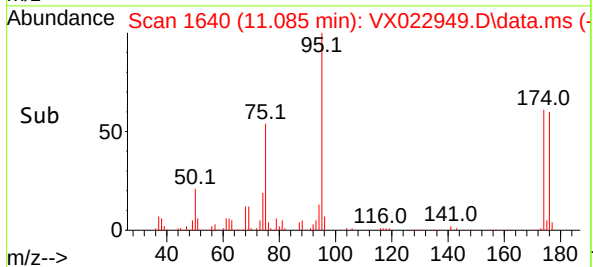
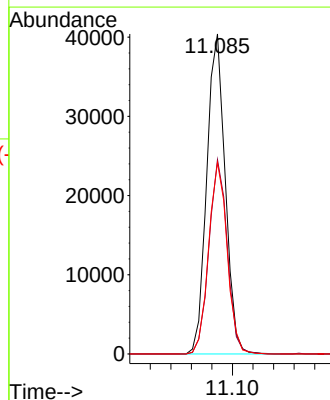
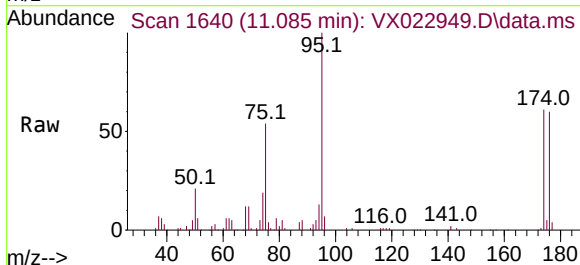
Tgt Ion: 95 Resp: 50431

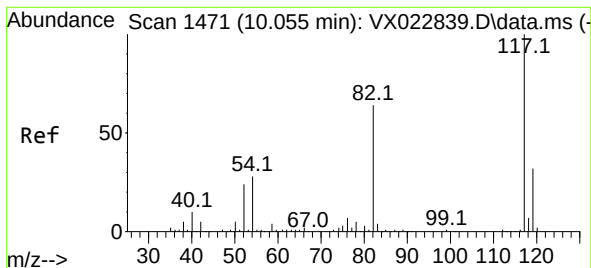
Ion Ratio Lower Upper

95 100

174 60.3 0.0 154.6

176 59.9 0.0 155.8

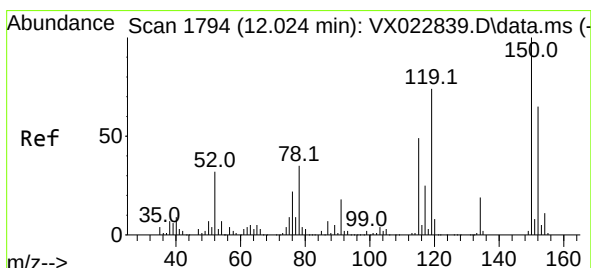
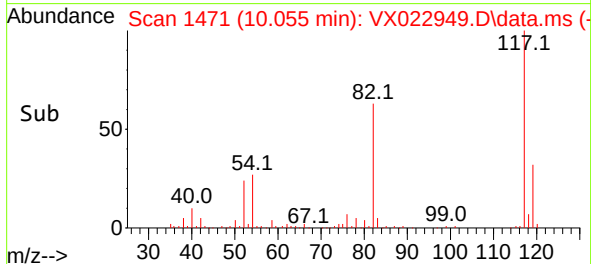
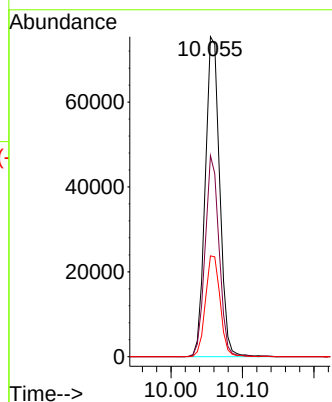
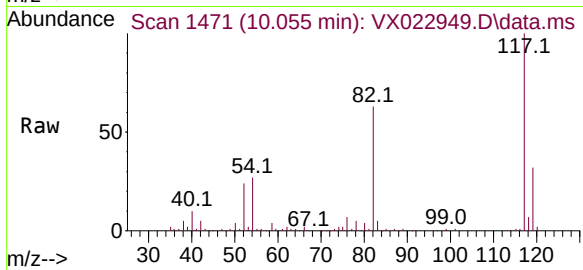




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

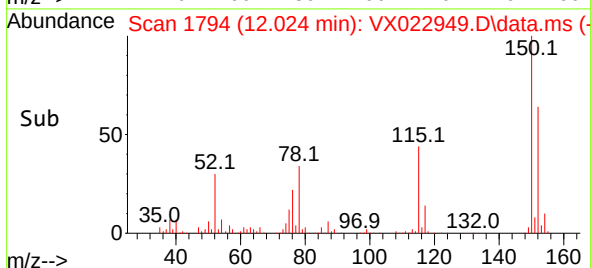
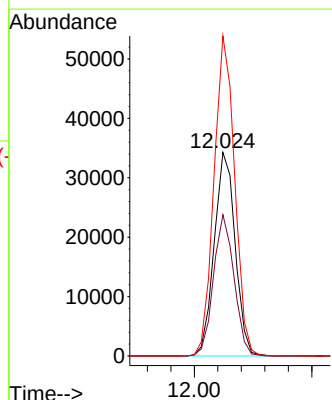
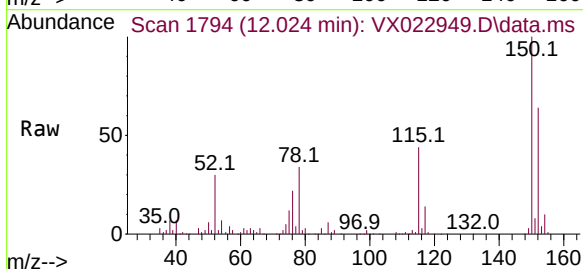
Instrument :
MSVOA_X
ClientSampleId :

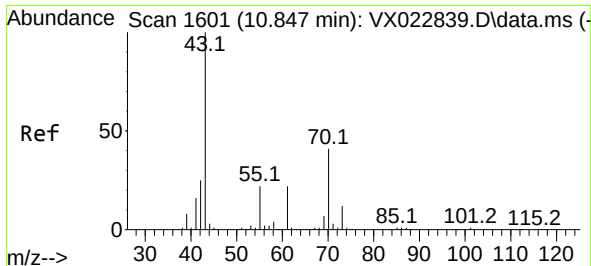
Tgt Ion:117 Resp: 105985
Ion Ratio Lower Upper
117 100
82 62.8 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion:152 Resp: 42521
Ion Ratio Lower Upper
152 100
115 67.8 41.1 123.3
150 154.9 0.0 349.0

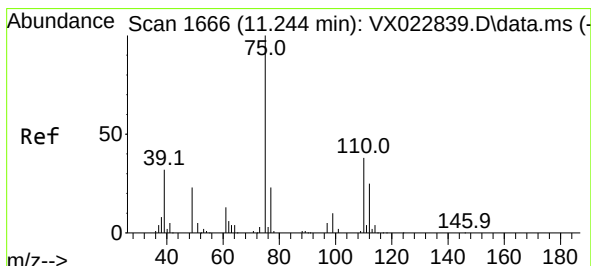
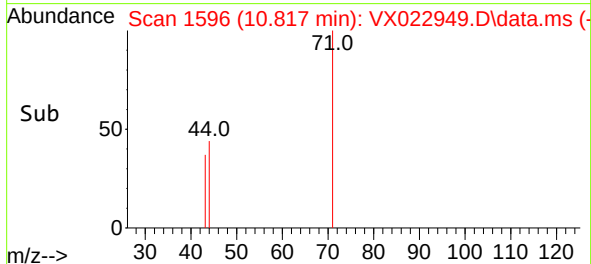
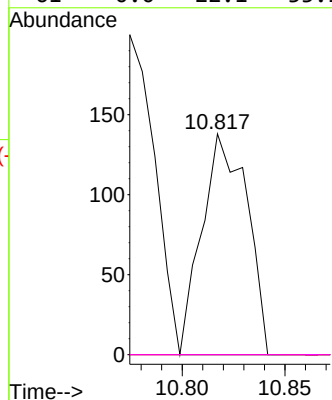
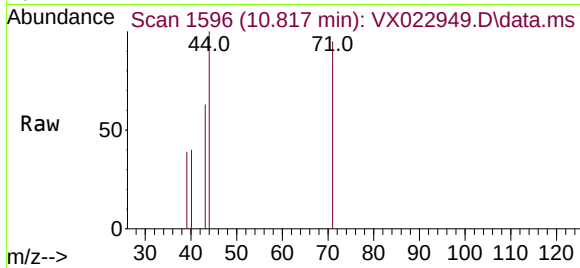




#74
N-amy1 acetate
Concen: 2.15 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.030 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

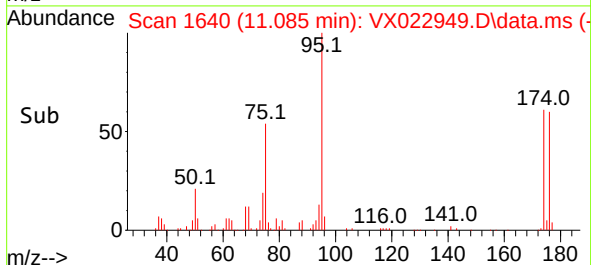
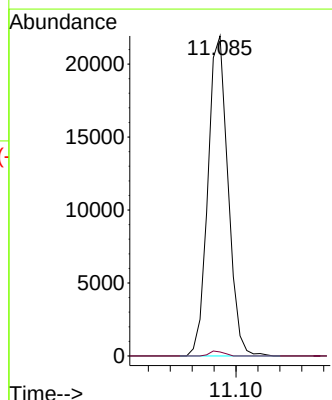
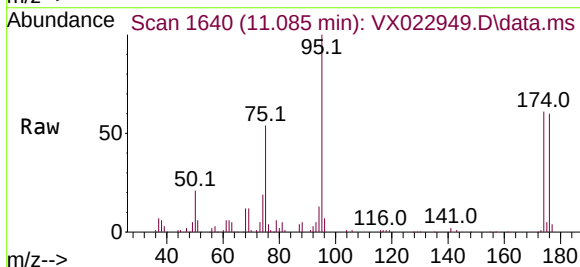
Instrument :
MSVOA_X
ClientSampled :

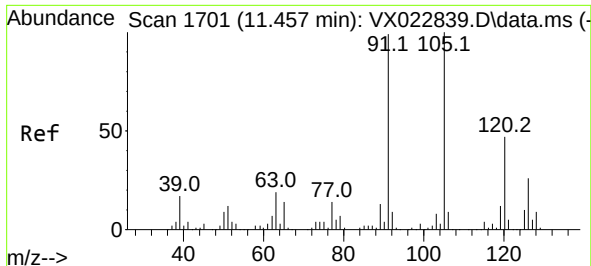
Tgt Ion: 43	Resp:	211
Ion Ratio	Lower	Upper
43	100	
70	0.0	39.0
55	0.0	21.5
61	0.0	22.1



#76
1,2,3-Trichloropropane
Concen: 24.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Tgt Ion: 75	Resp:	27902
Ion Ratio	Lower	Upper
75	100	
77	1.1	19.1

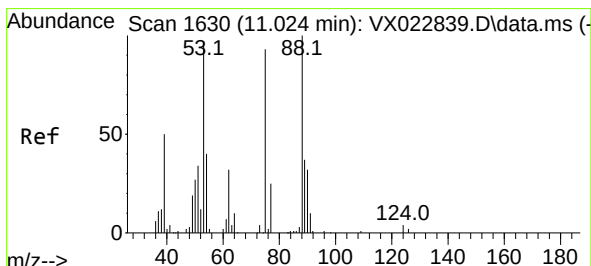
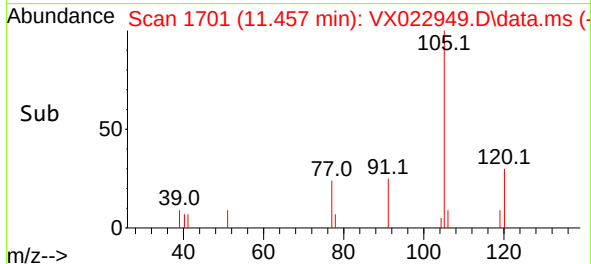
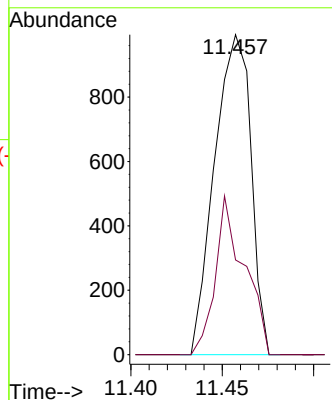
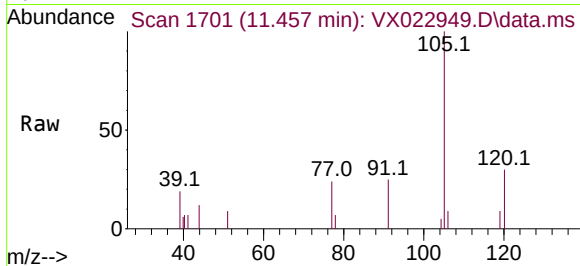




#80
1,3,5-Trimethylbenzene
Concen: 0.47 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

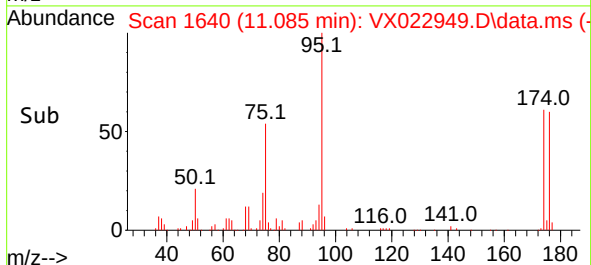
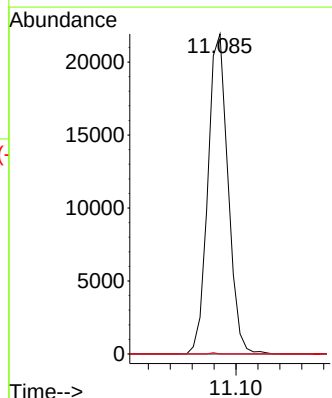
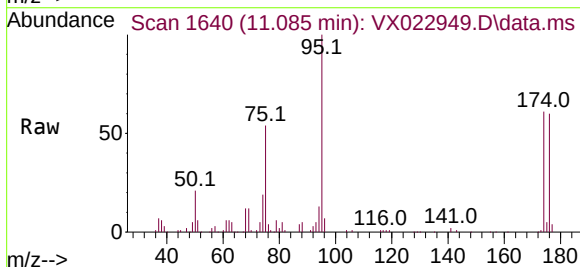
Instrument :
MSVOA_X
ClientSampled :

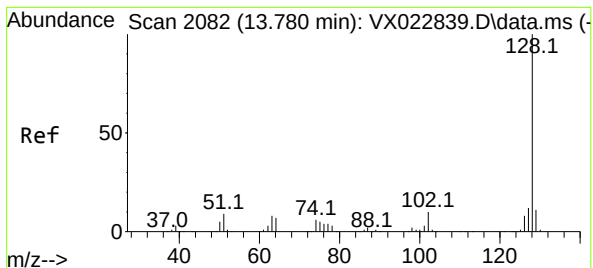
Tgt Ion:105 Resp: 1376
Ion Ratio Lower Upper
105 100
120 39.5 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

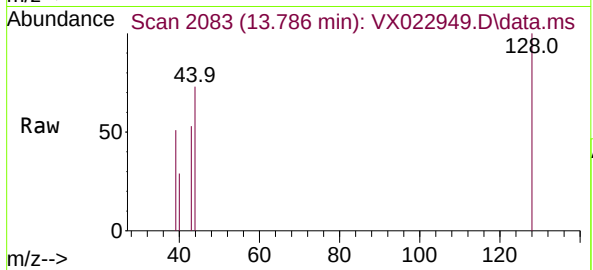
Tgt Ion: 75 Resp: 27902
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022949.D
Acq: 26 Jun 2021 02:38

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 180
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

