

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023061.D
 Acq On : 01 Jul 2021 03:06
 Operator : JC/MD
 Sample : M2883-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

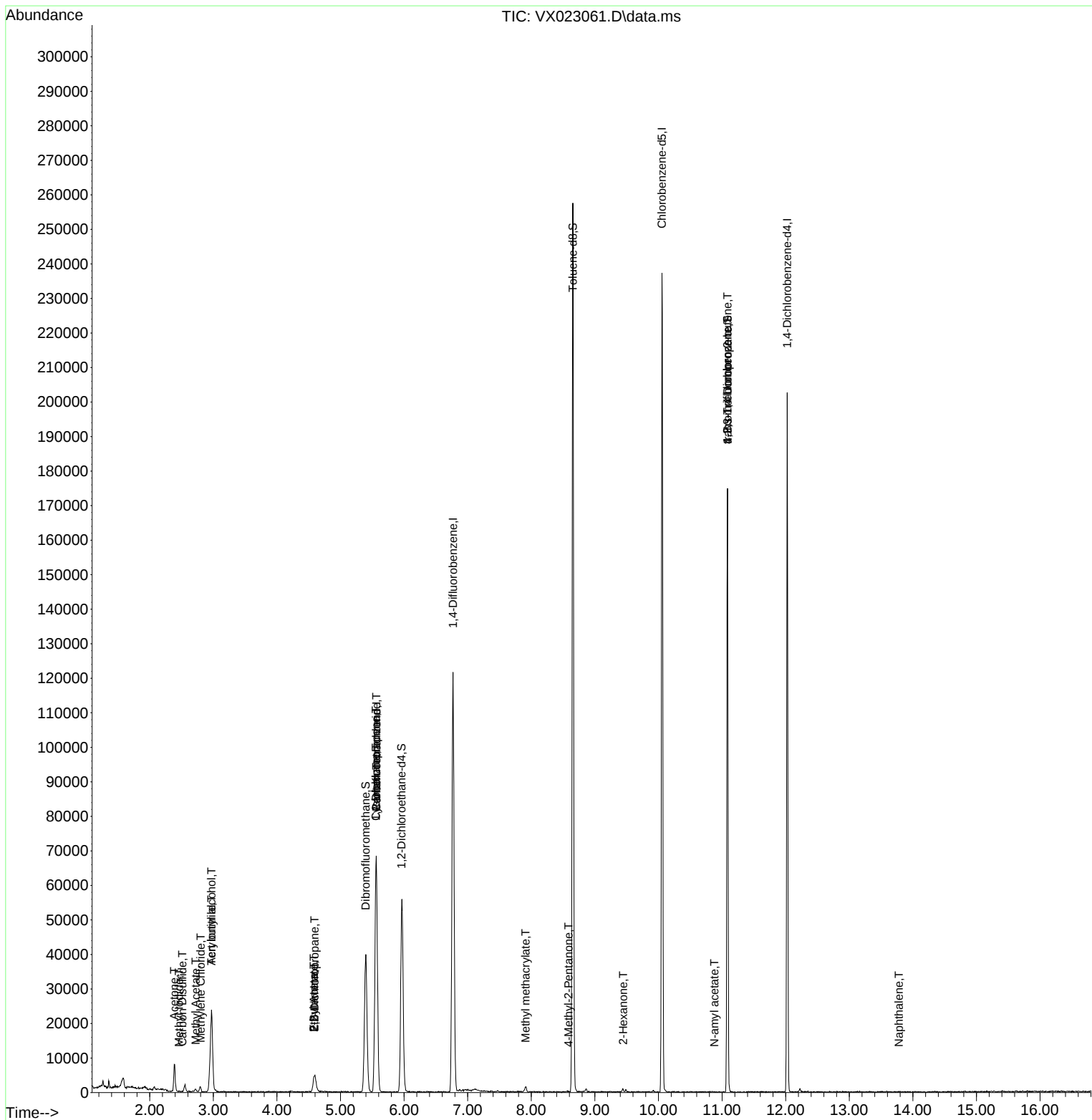
Quant Time: Jul 01 07:04:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	53919	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52532	53.685	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.380%			
35) Dibromofluoromethane	5.397	113	33396	46.681	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.360%			
50) Toluene-d8	8.653	98	137892	49.180	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.360%			
62) 4-Bromofluorobenzene	11.085	95	44415	42.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.880%			
Target Compounds						
						Qvalue
10) Methyl Iodide	2.459	142	22	3.903	ug/l	# 42
11) Tert butyl alcohol	2.971	59	27370	134.209	ug/l	96
15) Acrylonitrile	2.971	53	285	0.611	ug/l	# 16
16) Acetone	2.386	43	8428	19.428	ug/l	# 88
17) Carbon Disulfide	2.514	76	79	3.554	ug/l	# 75
18) Methyl Acetate	2.721	43	1058	0.991	ug/l	# 89
20) Methylene Chloride	2.800	84	637	1.107	ug/l	92
25) 2-Butanone	4.580	43	1011	1.499	ug/l	# 86
26) 2,2-Dichloropropane	4.593	77	290	0.259	ug/l	# 52
31) Cyclohexane	5.556	56	1792	1.297	ug/l	# 20
36) 1,1-Dichloropropene	5.556	75	6029	5.038	ug/l	# 45
37) Ethyl Acetate	4.580	43	1011	0.729	ug/l	# 72
38) Carbon Tetrachloride	5.562	117	6694	6.670	ug/l	# 14
48) Methyl methacrylate	7.909	41	764	0.741	ug/l	# 34
51) 4-Methyl-2-Pentanone	8.586	43	299	0.216	ug/l	# 32
59) 2-Hexanone	9.445	43	628	0.597	ug/l	86
74) N-amyl acetate	10.878	43	20	2.067	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	25910	30.356	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	25910	77.827	ug/l	# 12
95) Naphthalene	13.780	128	75	1.950	ug/l	# 69

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

Quant Time: Jul 01 07:04:22 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

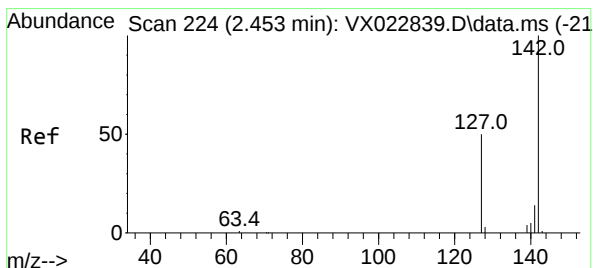
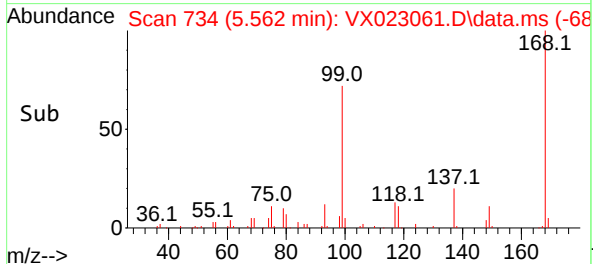
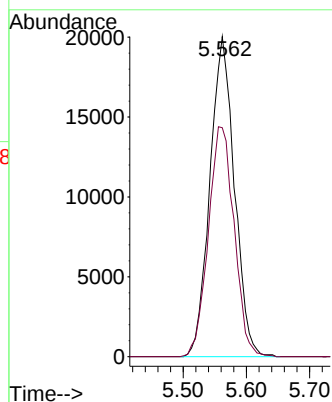
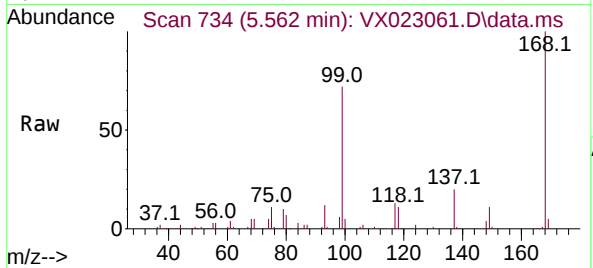




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

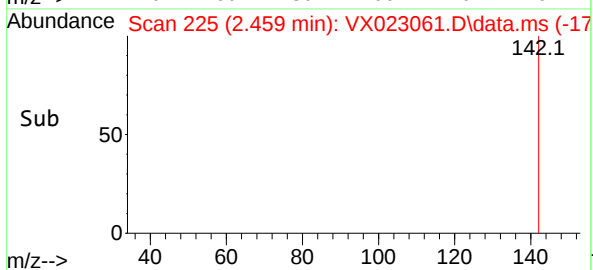
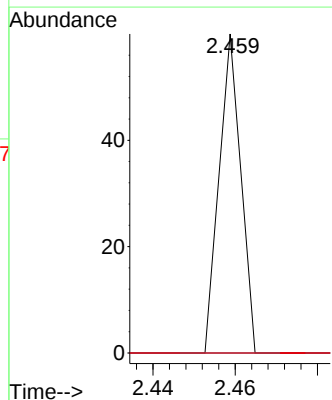
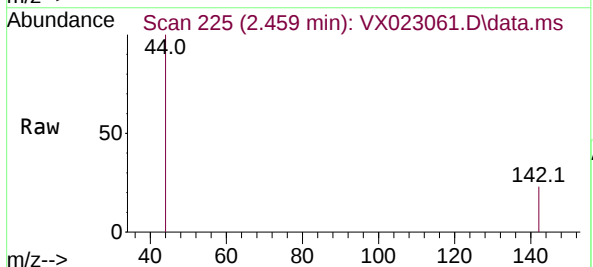
Instrument :
MSVOA_X
ClientSampled :

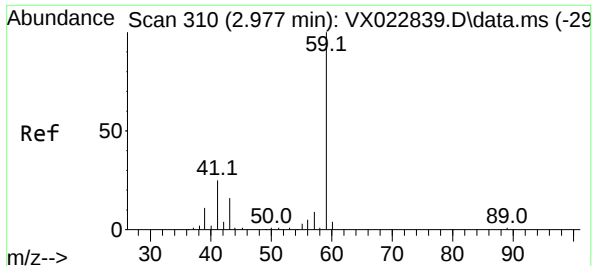
Tgt Ion:168 Resp: 53919
Ion Ratio Lower Upper
168 100
99 71.5 45.8 68.6#



#10
Methyl Iodide
Concen: 3.903 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



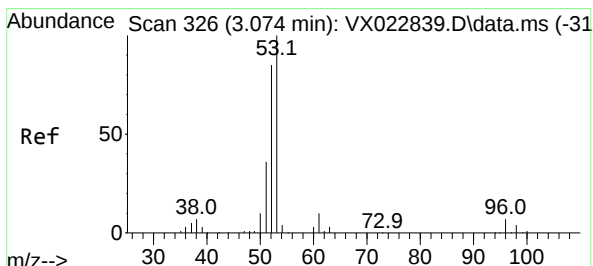
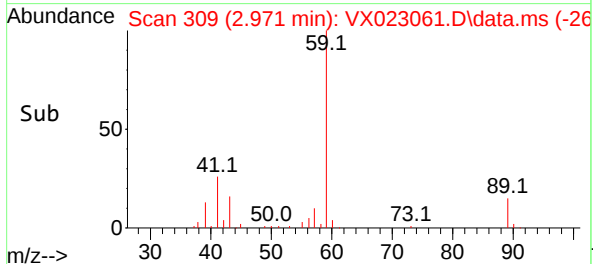
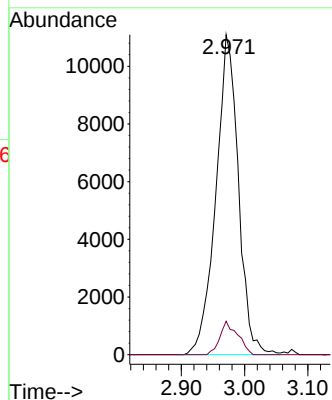
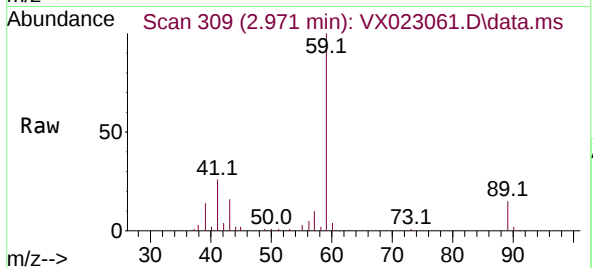


#11

Tert butyl alcohol
Concen: 134.209 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Instrument :
MSVOA_X
ClientSampled :

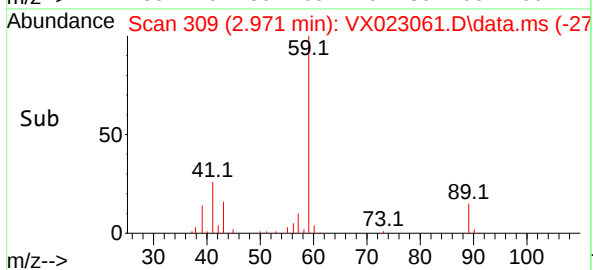
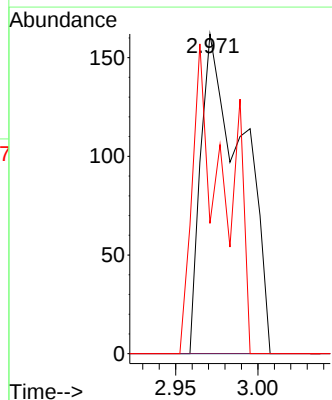
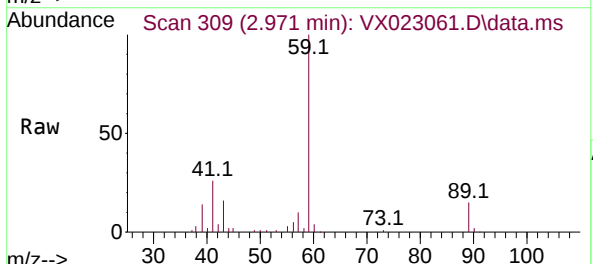
Tgt Ion: 59 Resp: 27370
Ion Ratio Lower Upper
59 100
57 8.3 7.8 11.8

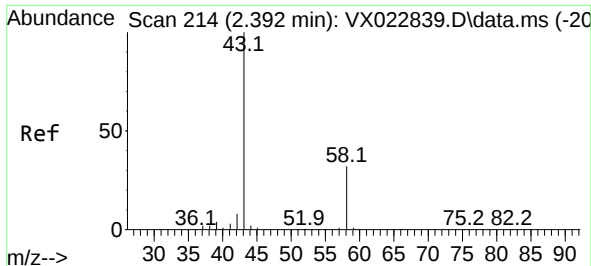


#15

Acrylonitrile
Concen: 0.611 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.103 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion: 53 Resp: 285
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 74.0 28.2 42.2#

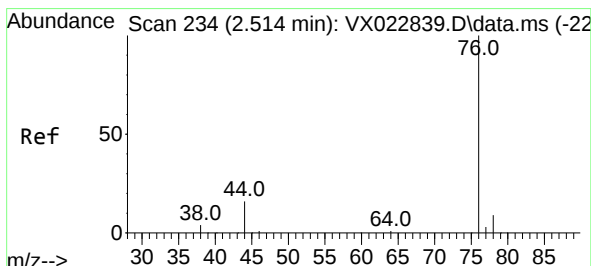
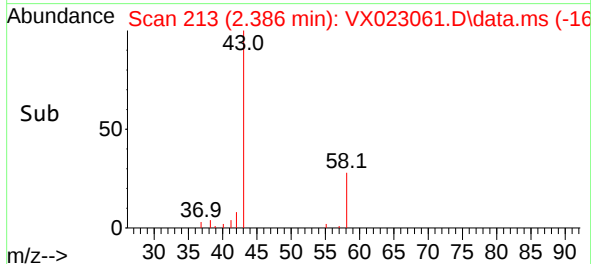
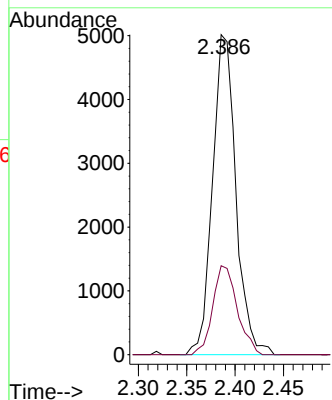
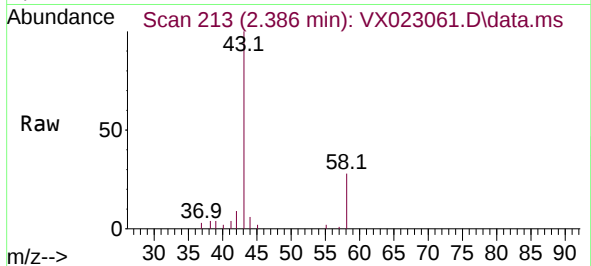




#16
Acetone
Concen: 19.428 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

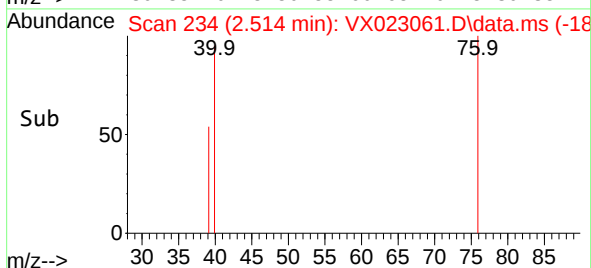
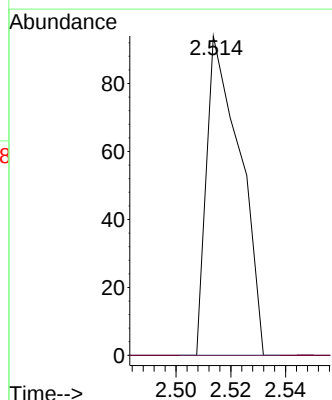
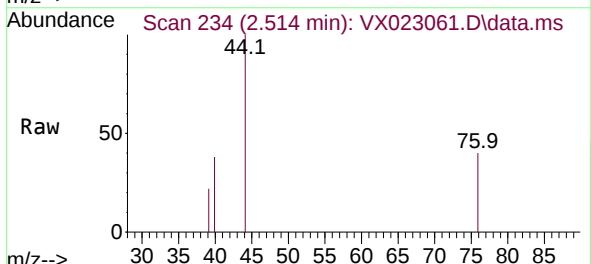
Instrument :
MSVOA_X
ClientSampled :

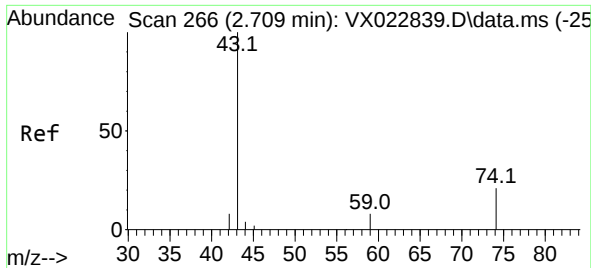
Tgt Ion: 43 Resp: 8428
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.554 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion: 76 Resp: 79
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

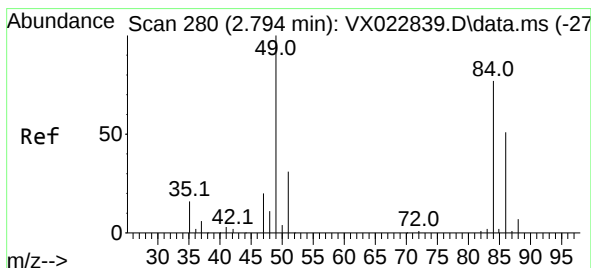
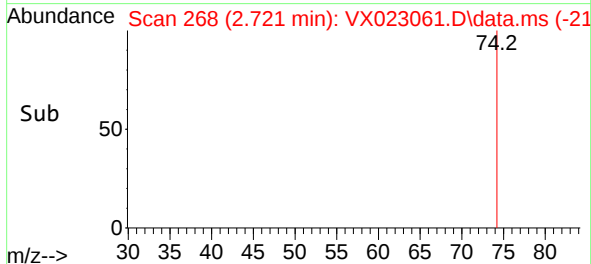
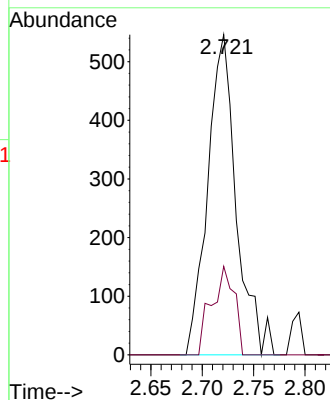
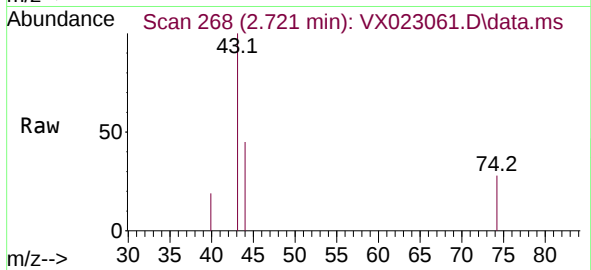




#18
Methyl Acetate
Concen: 0.991 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

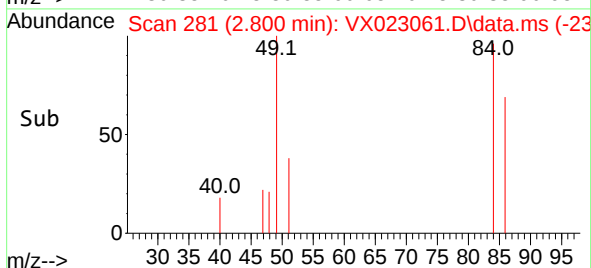
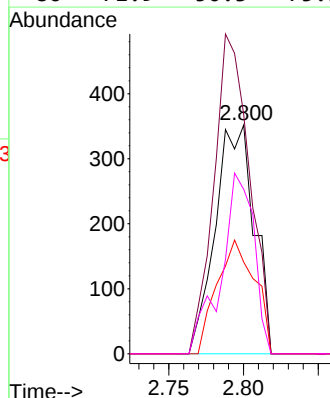
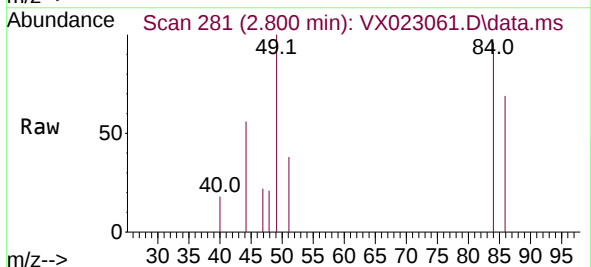
Instrument :
MSVOA_X
ClientSampled :

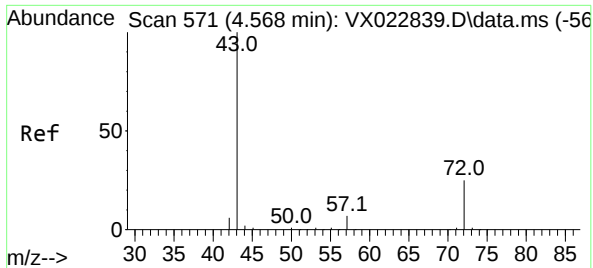
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#



#20
Methylene Chloride
Concen: 1.107 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion: 84 Resp: 637
Ion Ratio Lower Upper
84 100
49 104.5 88.6 132.8
51 40.1 27.0 40.6
86 71.9 50.3 75.5

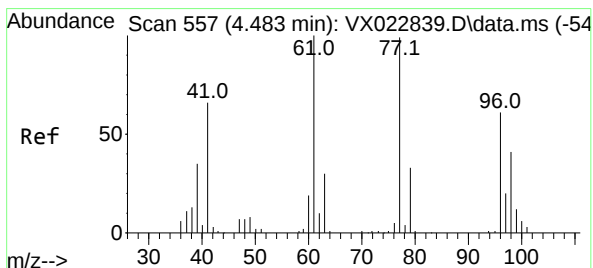
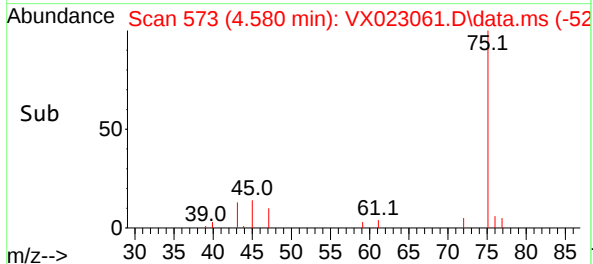
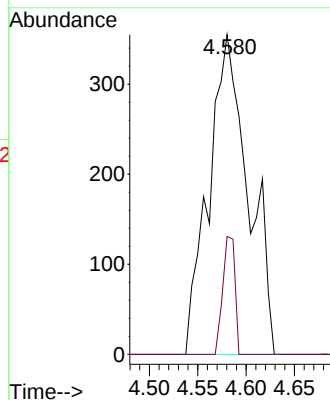
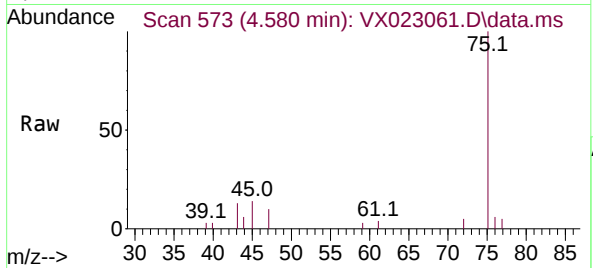




#25
2-Butanone
Concen: 1.499 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

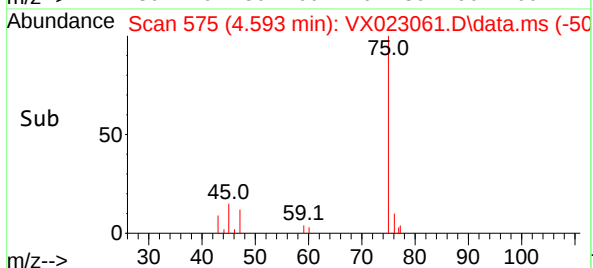
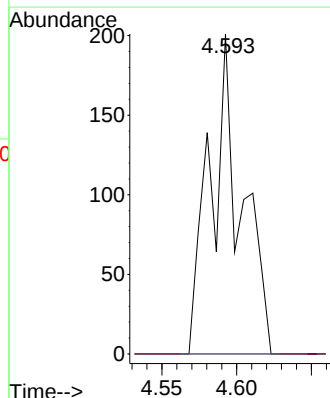
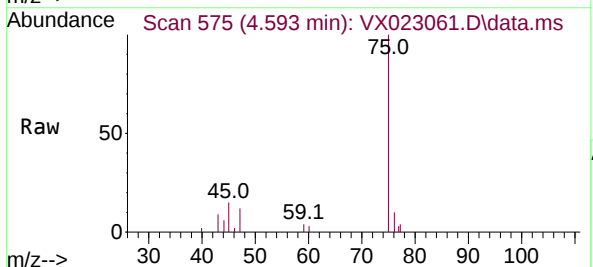
Instrument :
MSVOA_X
ClientSampled :

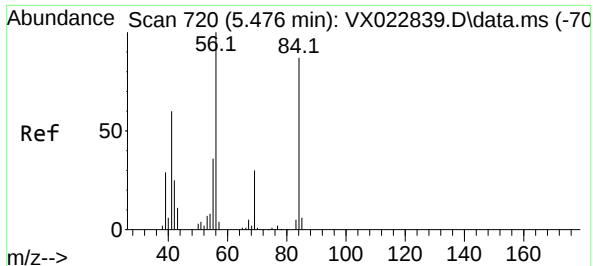
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
72 36.9 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.259 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.110 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

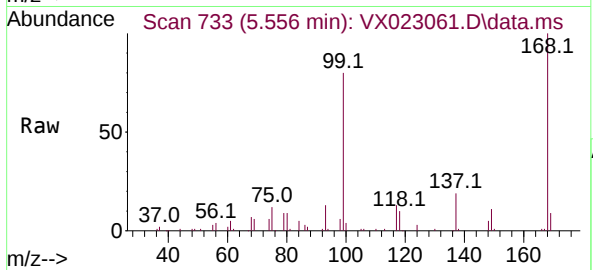
Tgt Ion: 77 Resp: 290
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



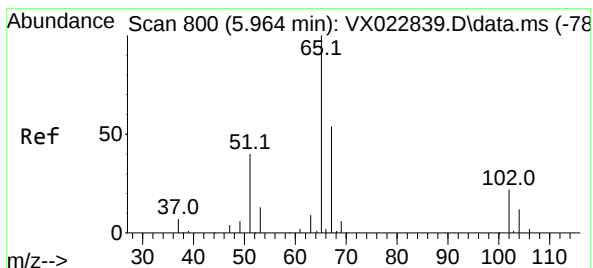
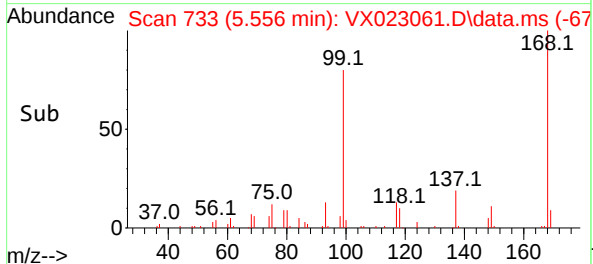
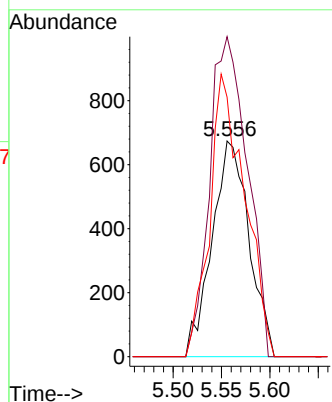


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Instrument :
MSVOA_X
ClientSampleId :

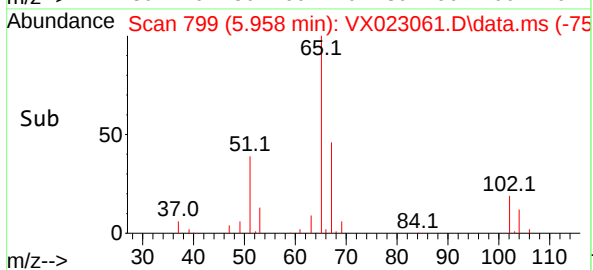
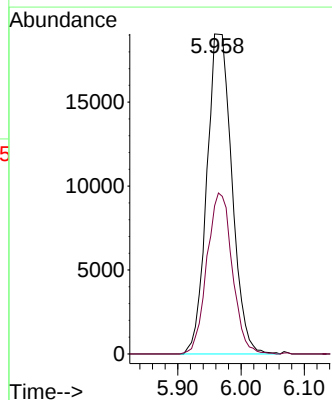
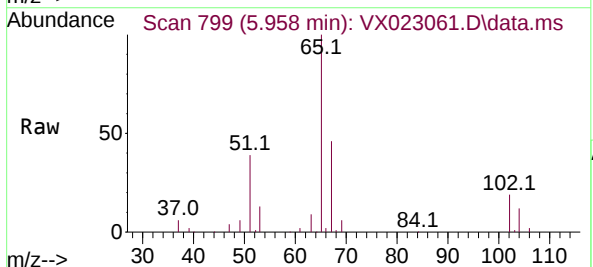


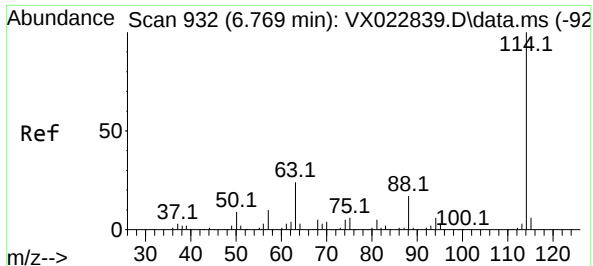
Tgt Ion: 56 Resp: 1792
Ion Ratio Lower Upper
56 100
69 148.4 25.3 37.9#
84 120.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.685 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion: 65 Resp: 52532
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

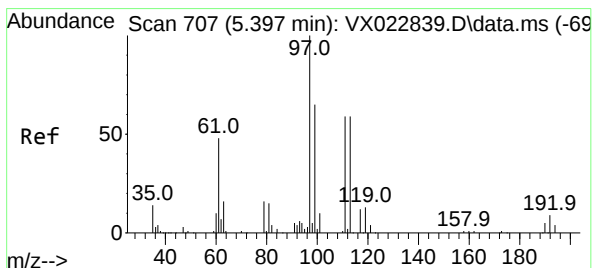
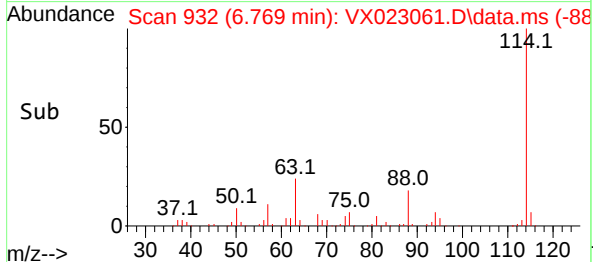
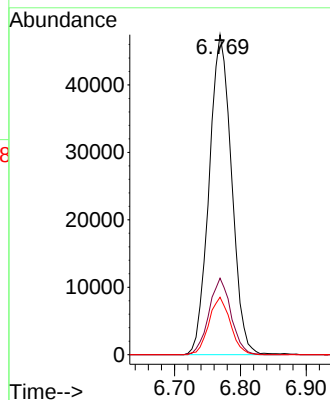
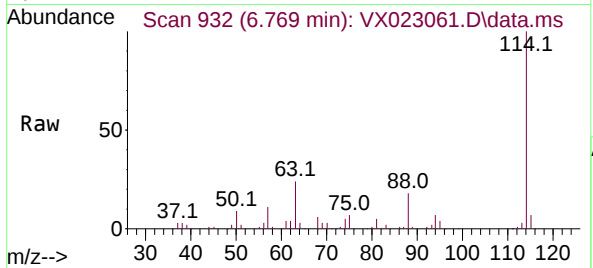




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

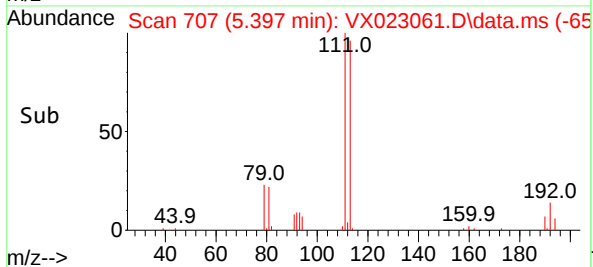
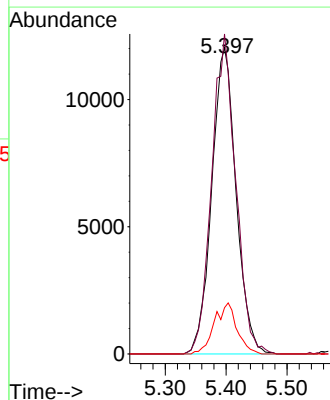
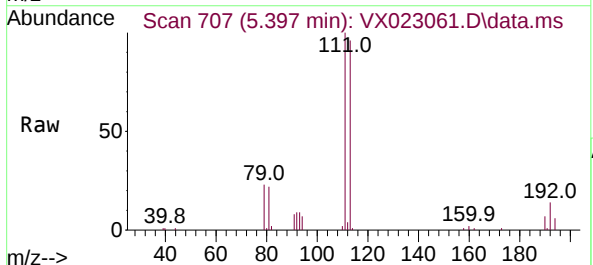
Instrument :
MSVOA_X
ClientSampleId :

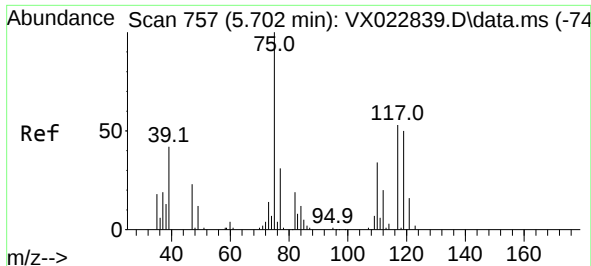
Tgt Ion:114 Resp: 112659
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.8
88 18.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.681 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion:113 Resp: 33396
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 15.6 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.038 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023061.D

Acq: 01 Jul 2021 03:06

Tgt Ion: 75 Resp: 6029

Ion Ratio Lower Upper

75 100

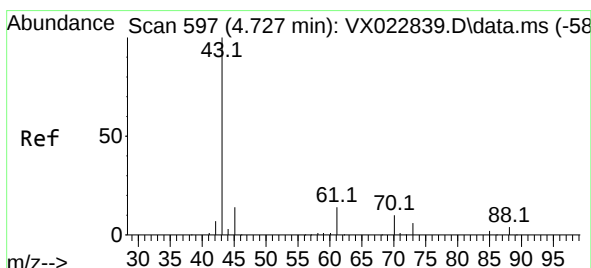
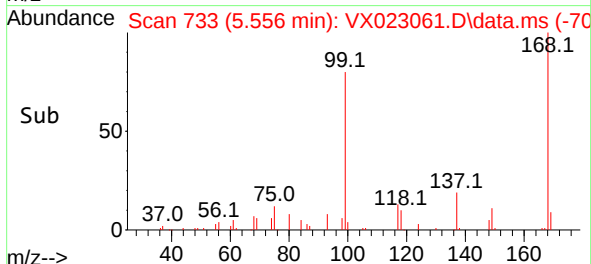
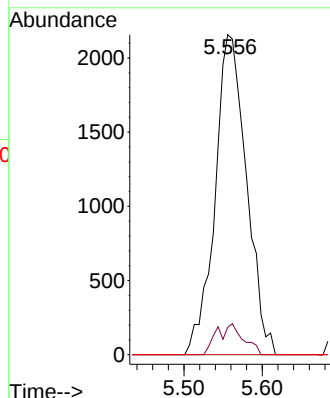
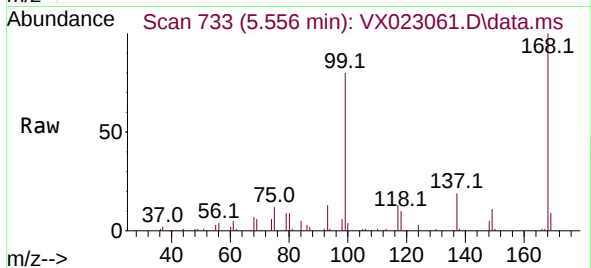
110 5.3 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#37

Ethyl Acetate

Concen: 0.729 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.147 min

Lab File: VX023061.D

Acq: 01 Jul 2021 03:06

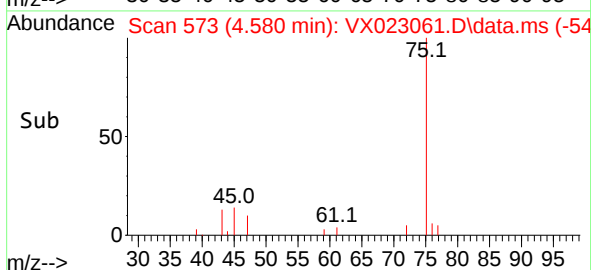
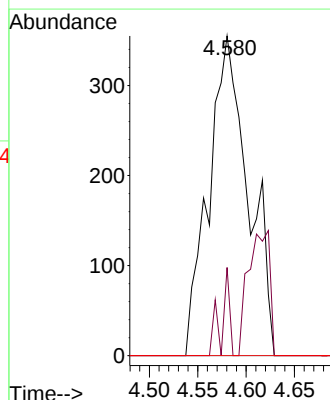
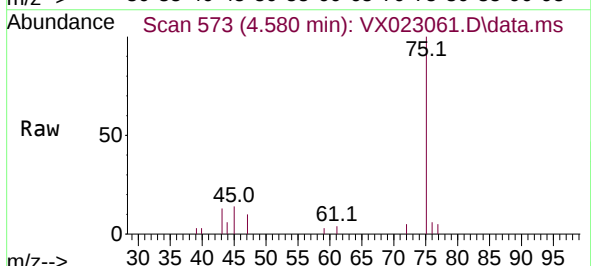
Tgt Ion: 43 Resp: 1011

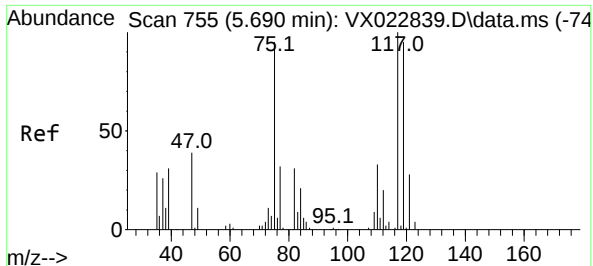
Ion Ratio Lower Upper

43 100

61 5.8 12.8 19.2#

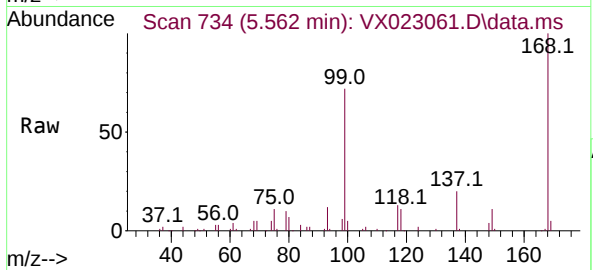
70 0.0 10.5 15.7#



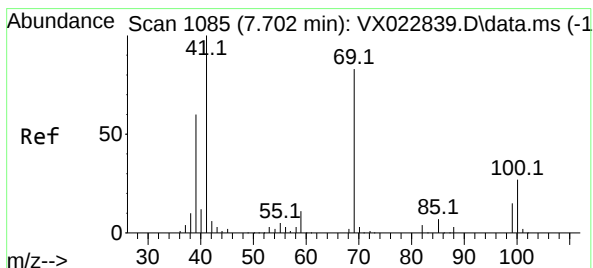
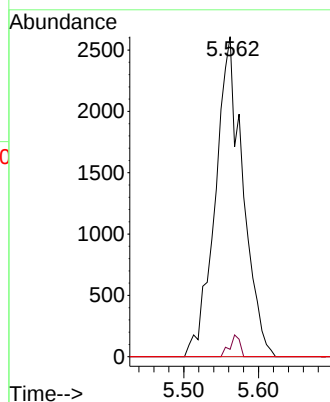
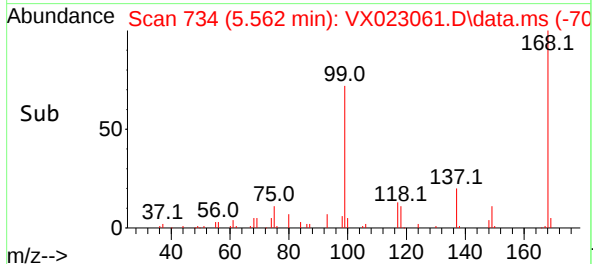


#38
Carbon Tetrachloride
Concen: 6.670 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

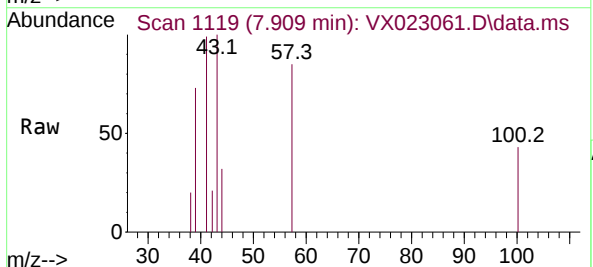
Instrument :
MSVOA_X
ClientSampled :



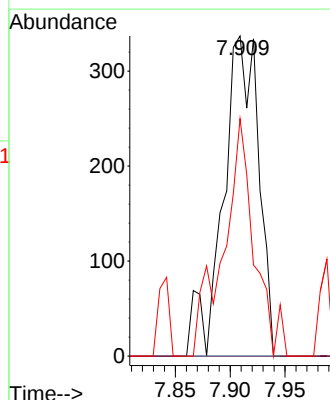
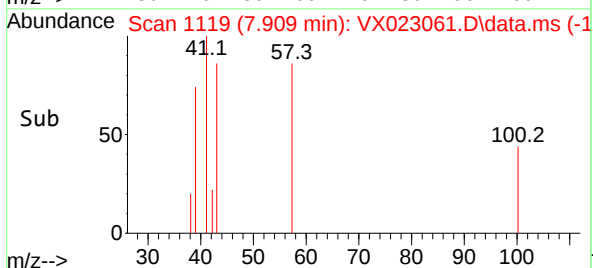
Tgt Ion:117 Resp: 6694
Ion Ratio Lower Upper
117 100
119 2.3 76.2 114.2#
121 0.0 24.8 37.2#

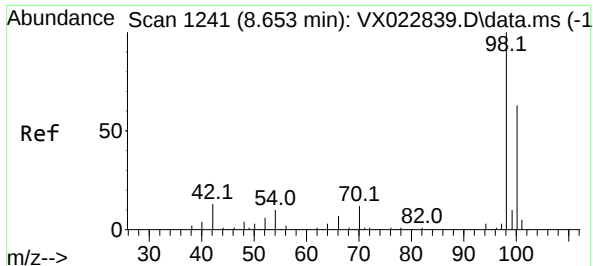


#48
Methyl methacrylate
Concen: 0.741 ug/l
RT: 7.909 min Scan# 1119
Delta R.T. 0.207 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06



Tgt Ion: 41 Resp: 764
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 64.7 44.6 67.0





#50

Toluene-d8

Concen: 49.180 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023061.D

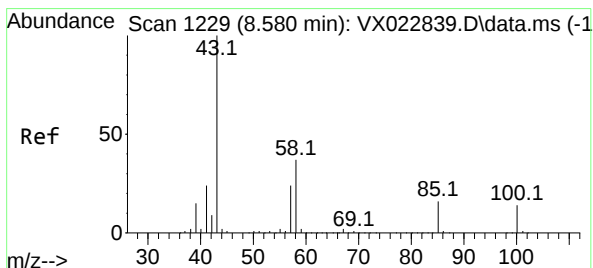
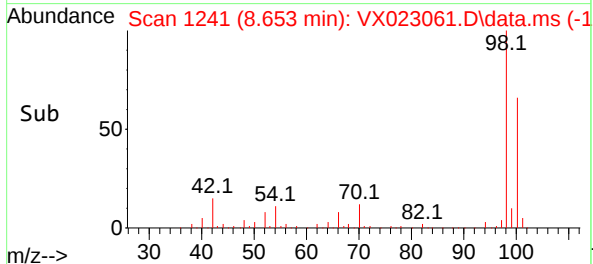
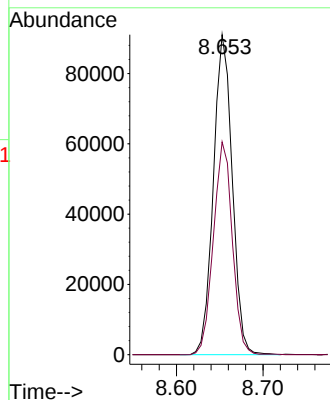
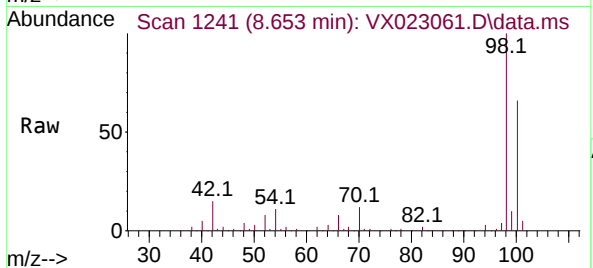
Acq: 01 Jul 2021 03:06

Tgt Ion: 98 Resp: 137892

Ion Ratio Lower Upper

98 100

100 66.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.216 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VX023061.D

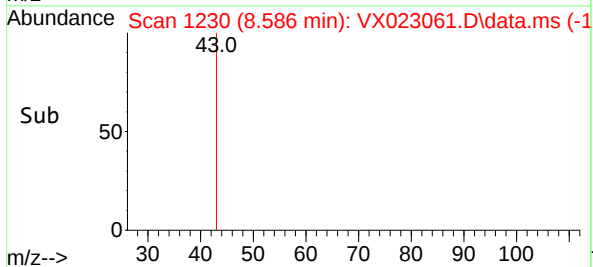
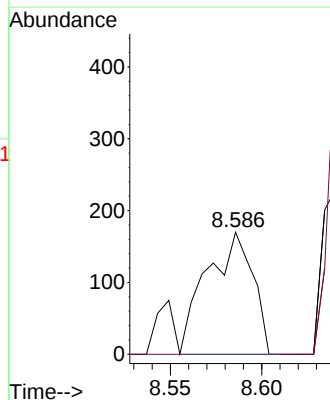
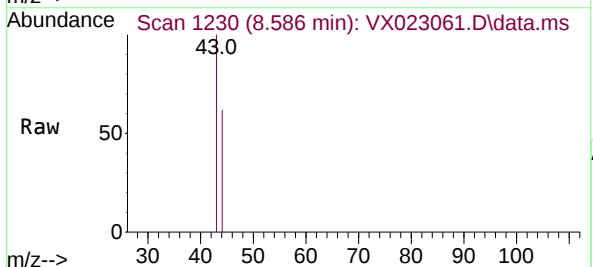
Acq: 01 Jul 2021 03:06

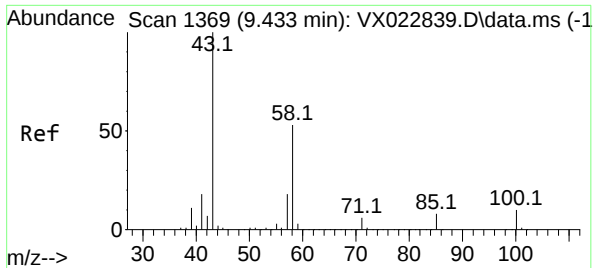
Tgt Ion: 43 Resp: 299

Ion Ratio Lower Upper

43 100

58 0.0 35.4 53.0#

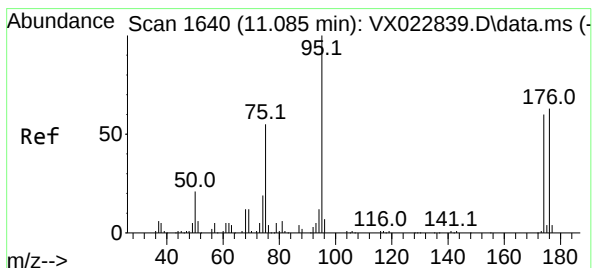
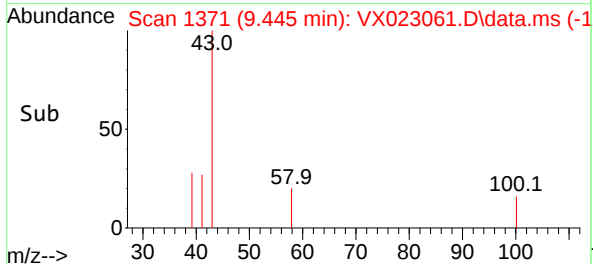
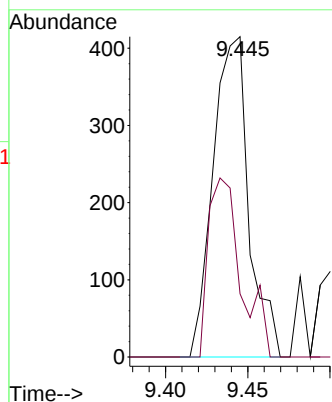
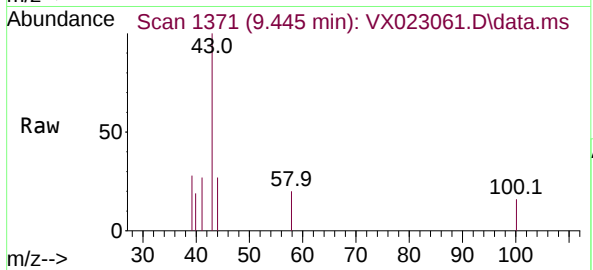




#59
2-Hexanone
Concen: 0.597 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

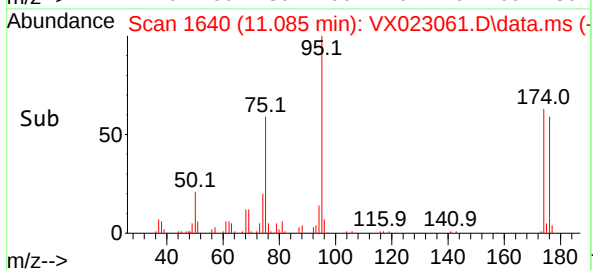
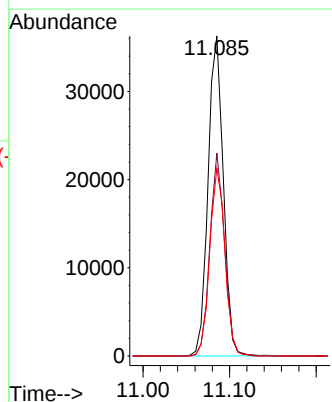
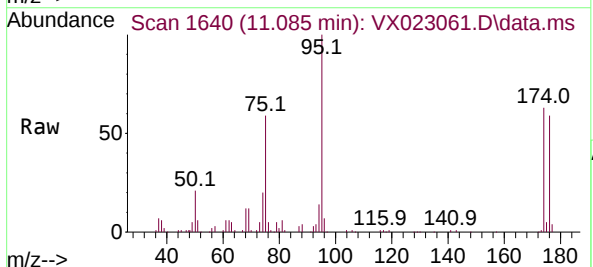
Instrument :
MSVOA_X
ClientSampled :

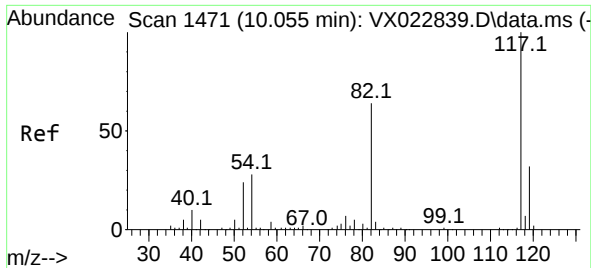
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 50.8 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 42.445 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion: 95 Resp: 44415
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 58.4 0.0 155.8

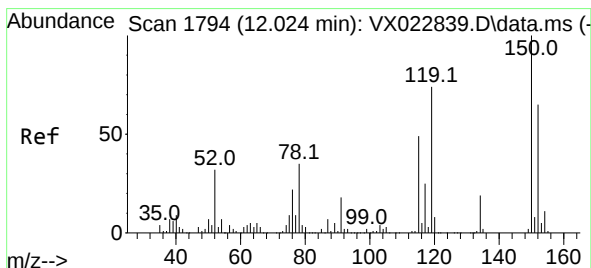
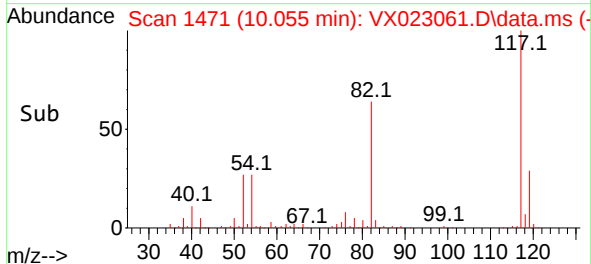
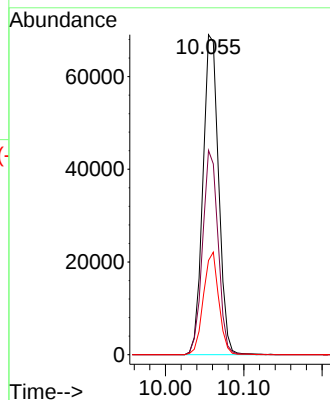
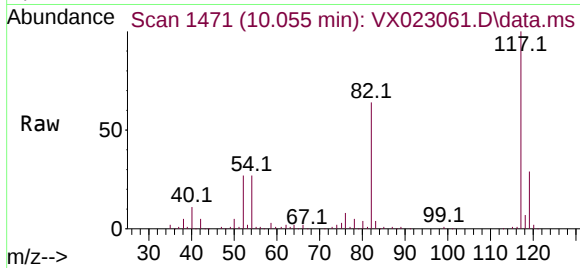




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

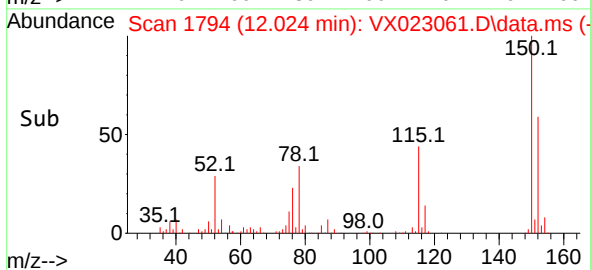
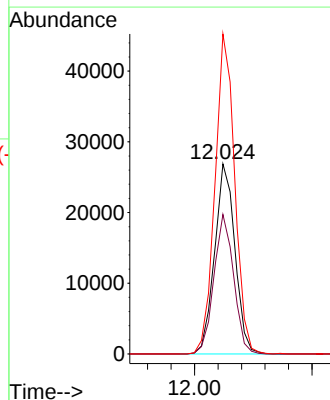
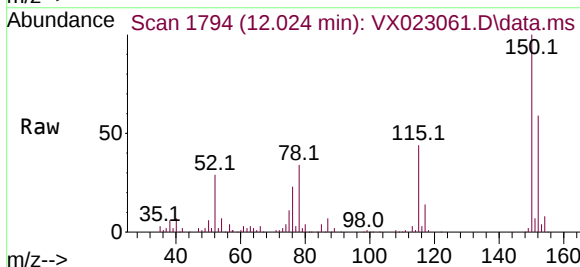
Instrument :
MSVOA_X
ClientSampleId :

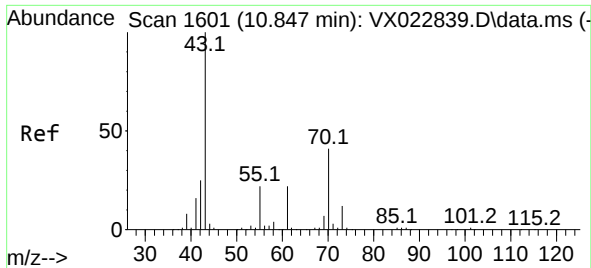
Tgt Ion:117 Resp: 96018
Ion Ratio Lower Upper
117 100
82 63.9 47.4 71.2
119 29.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion:152 Resp: 32314
Ion Ratio Lower Upper
152 100
115 71.0 41.1 123.3
150 163.2 0.0 349.0

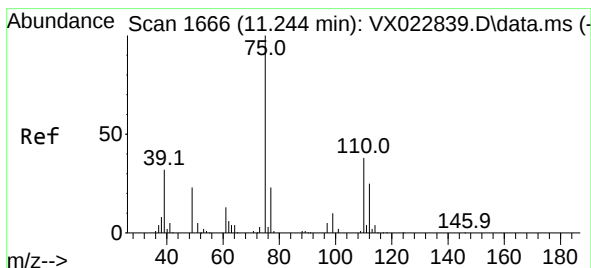
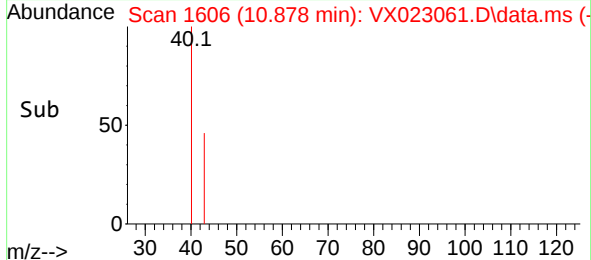
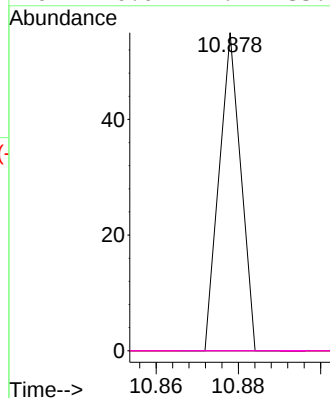
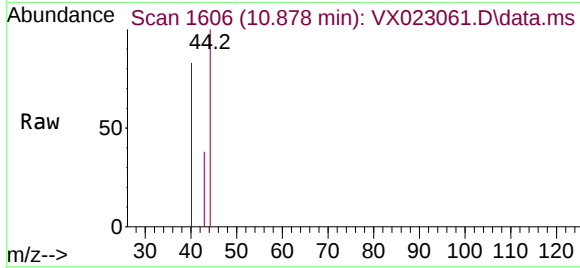




#74
N-amy1 acetate
Concen: 2.067 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.031 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

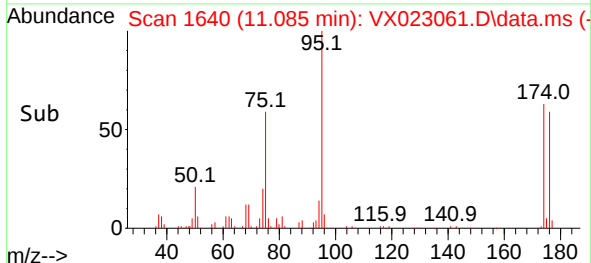
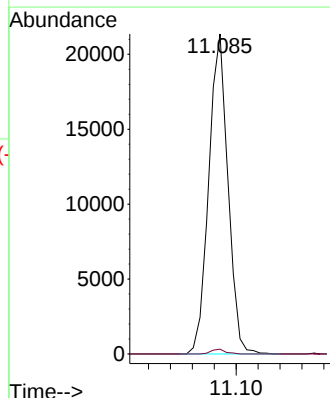
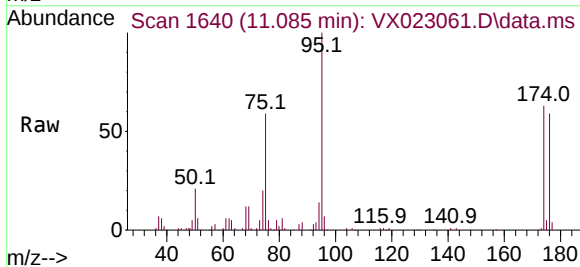
Instrument :
MSVOA_X
ClientSampled :

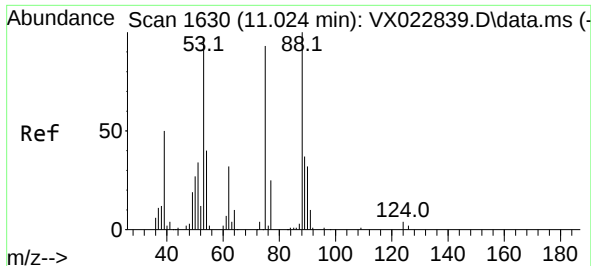
Tgt Ion: 43	Resp: 20
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 30.356 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion: 75	Resp: 25910
Ion Ratio	Lower Upper
75 100	
77 1.1	19.1 57.5#

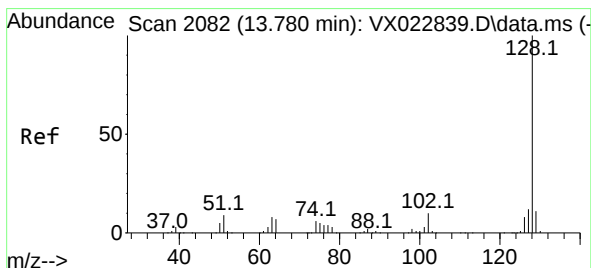
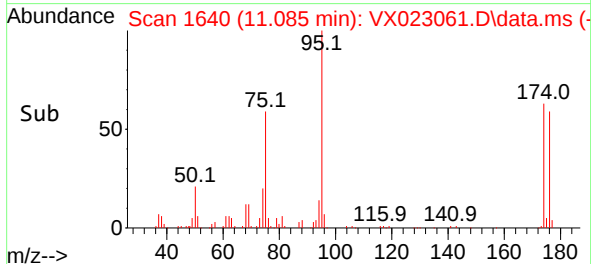
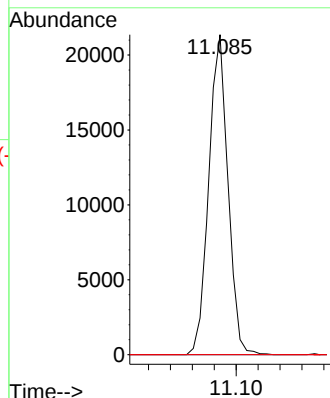
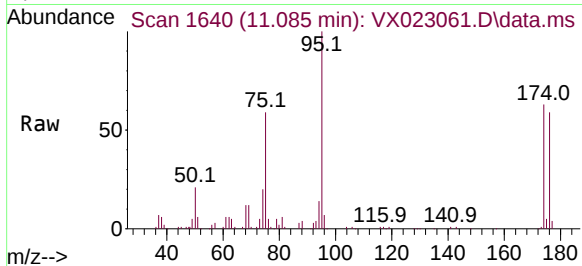




#81
trans-1,4-Dichloro-2-butene
Concen: 77.827 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 25910
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.950 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023061.D
Acq: 01 Jul 2021 03:06

Tgt Ion:128 Resp: 75
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

