

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022887.D
 Acq On : 24 Jun 2021 23:38
 Operator : JC/MD
 Sample : VX0624WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:41:46 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)

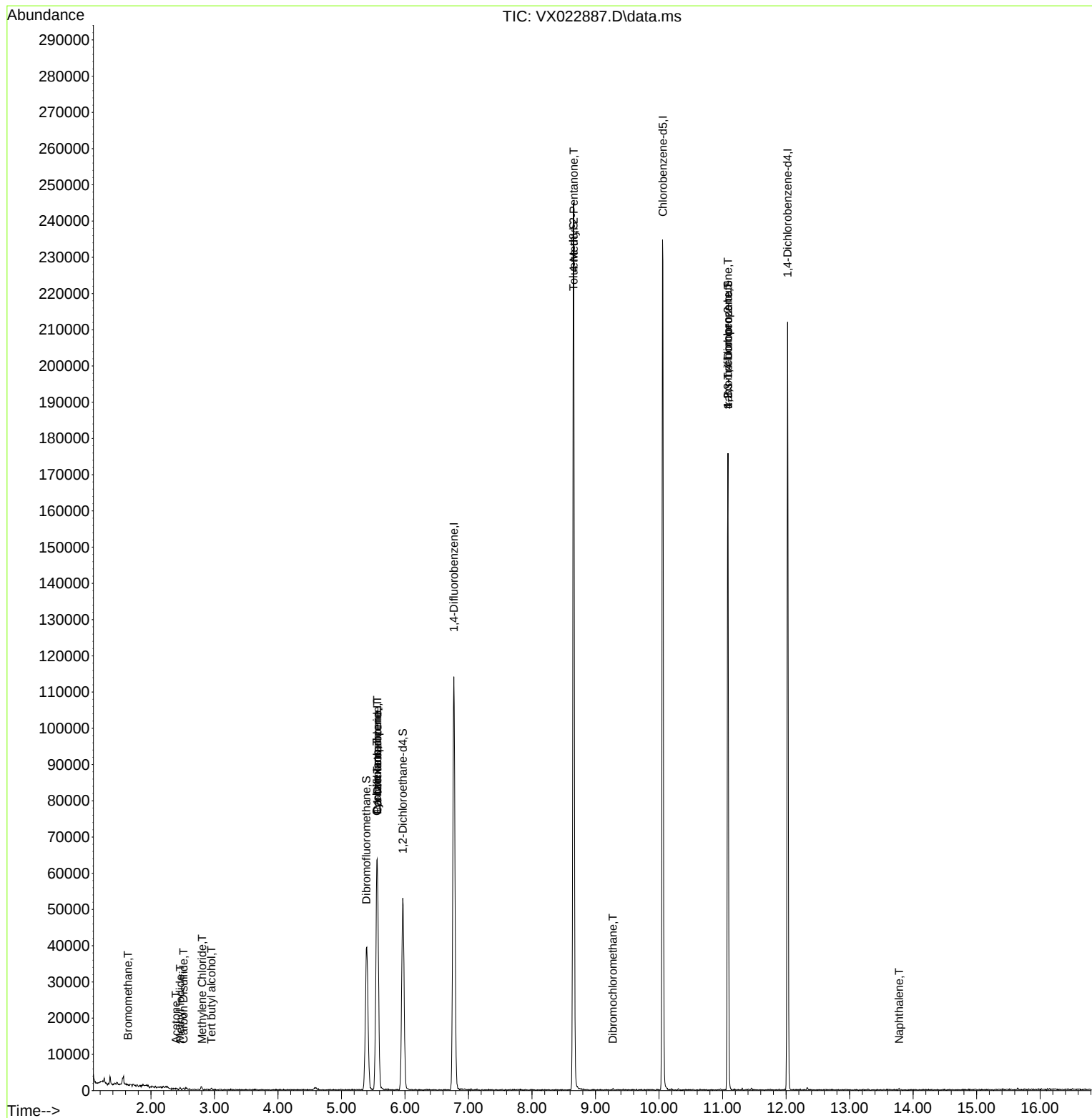
Internal Standards						
1) Pentafluorobenzene	5.562	168	53586	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	99332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49027	50.41	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.82%			
35) Dibromofluoromethane	5.391	113	33717	47.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.90%			
50) Toluene-d8	8.653	98	137364	49.84	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.68%			
62) 4-Bromofluorobenzene	11.085	95	46471	45.18	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.36%			
Target Compounds						Qvalue
5) Bromomethane	1.636	94	210	0.50	ug/l #	2
10) Methyl Iodide	2.459	142	240	4.14	ug/l #	62
11) Tert butyl alcohol	2.953	59	134	0.66	ug/l #	73
16) Acetone	2.392	43	318	0.74	ug/l	95
17) Carbon Disulfide	2.514	76	467	3.74	ug/l #	75
20) Methylene Chloride	2.806	84	315	0.74	ug/l #	51
31) Cyclohexane	5.556	56	1757	1.28	ug/l #	46
36) 1,1-Dichloropropene	5.562	75	5957	5.06	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6259	6.34	ug/l #	19
51) 4-Methyl-2-Pentanone	8.659	43	619	0.45	ug/l #	1
60) Dibromochloromethane	9.275	129	66	3.73	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	26089	26.57	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26089	68.94	ug/l #	12
95) Naphthalene	13.780	128	228	1.99	ug/l #	81

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

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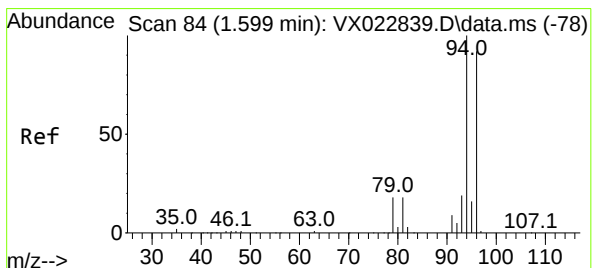
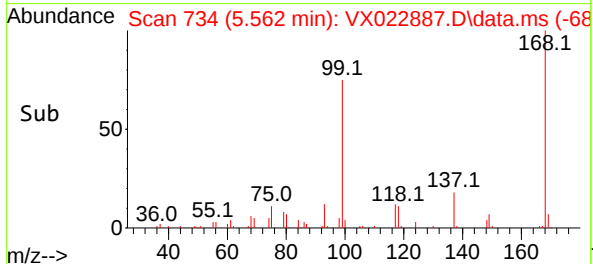
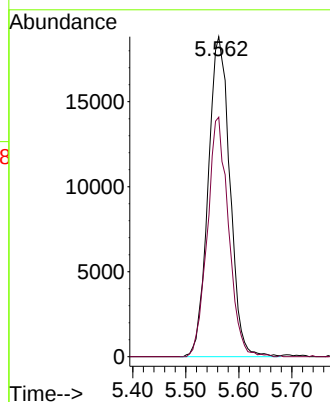
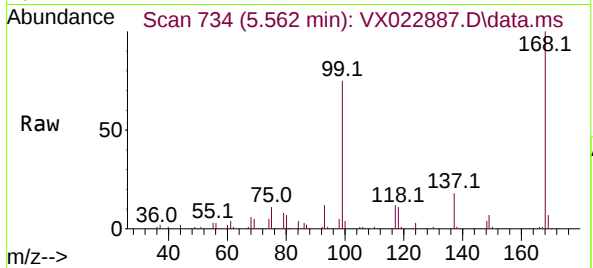




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

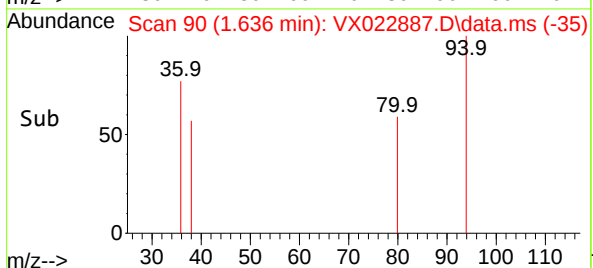
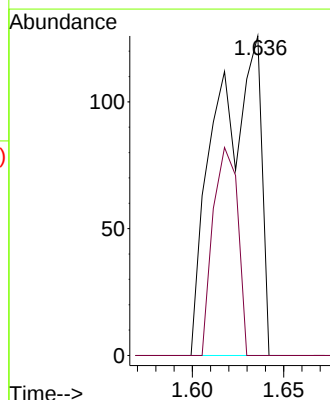
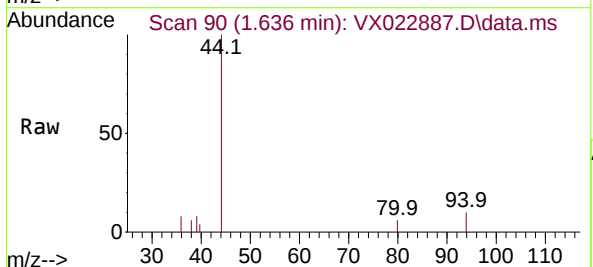
Instrument :
MSVOA_X
ClientSampleId :

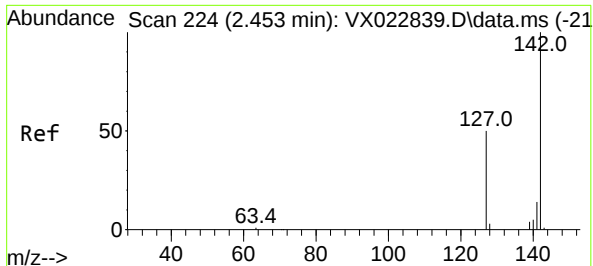
Tgt Ion:168 Resp: 53586
Ion Ratio Lower Upper
168 100
99 74.9 45.8 68.6#



#5
Bromomethane
Concen: 0.50 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

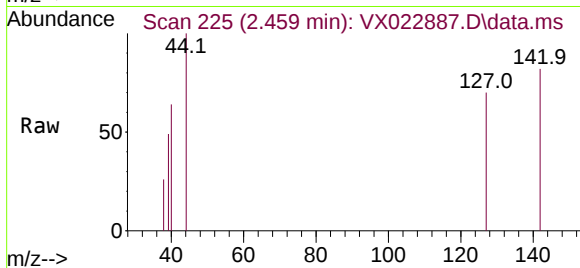
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



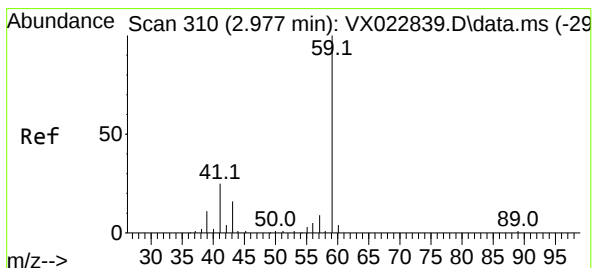
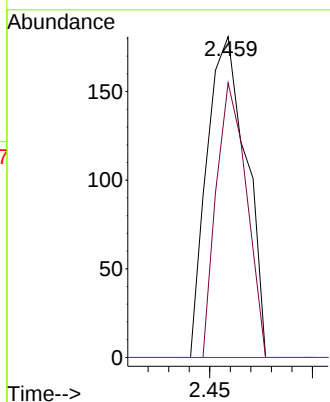
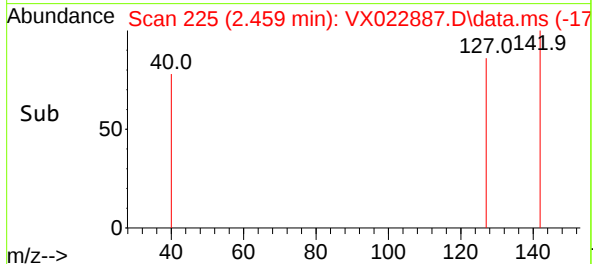


#10
Methyl Iodide
Concen: 4.14 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

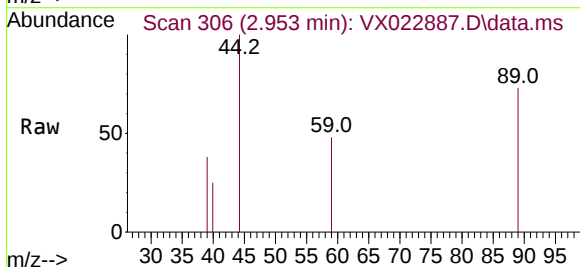
Instrument :
MSVOA_X
ClientSampled :



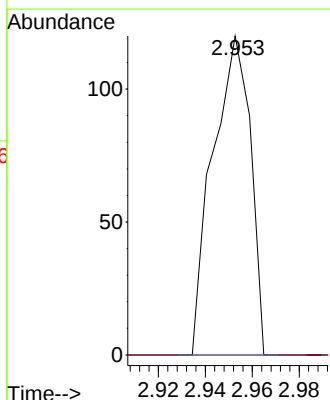
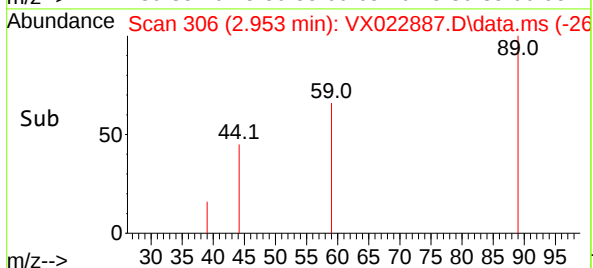
Tgt Ion:142 Resp: 240
Ion Ratio Lower Upper
142 100
127 65.8 33.3 49.9#
141 0.0 11.4 17.0#

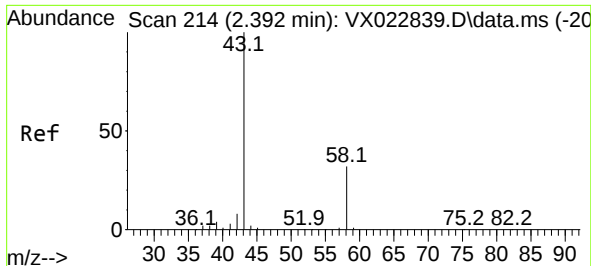


#11
Tert butyl alcohol
Concen: 0.66 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38



Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

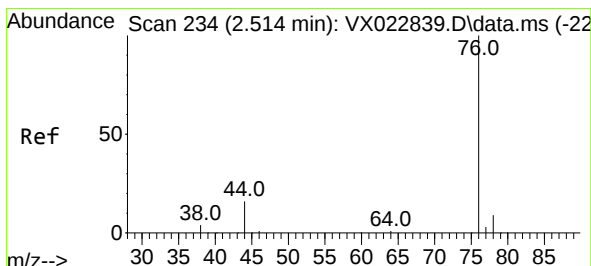
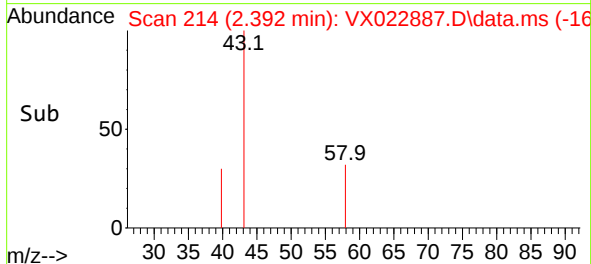
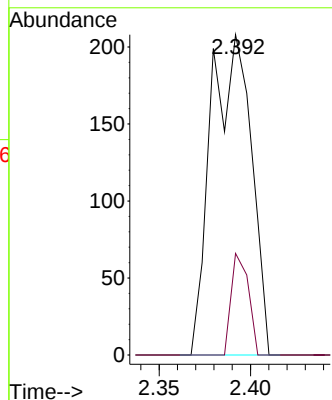
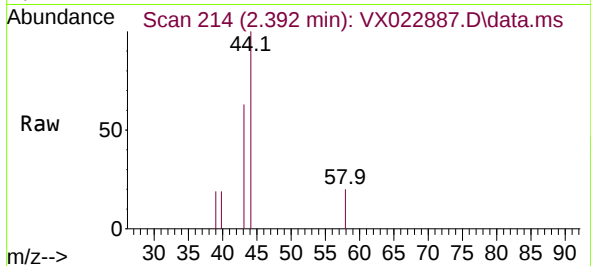




#16
Acetone
Concen: 0.74 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

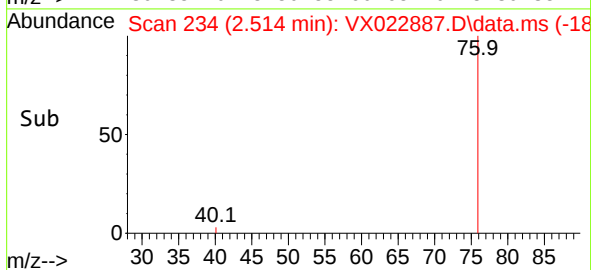
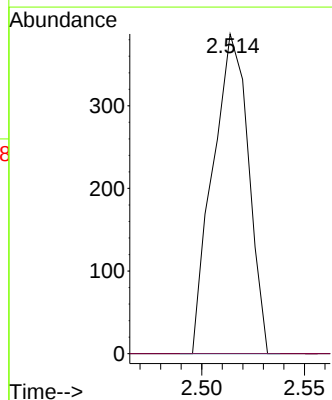
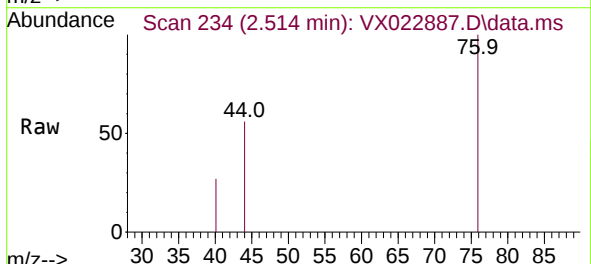
Instrument :
MSVOA_X
ClientSampled :

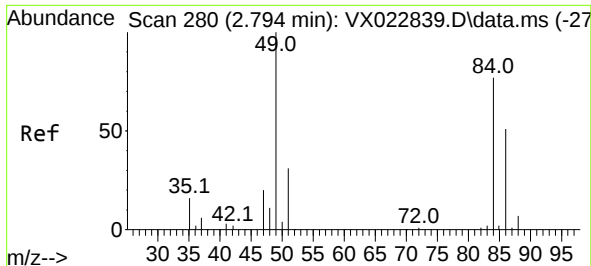
Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8



#17
Carbon Disulfide
Concen: 3.74 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

Tgt Ion: 76 Resp: 467
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.74 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.012 min

Lab File: VX022887.D

Acq: 24 Jun 2021 23:38

Tgt Ion: 84 Resp: 315

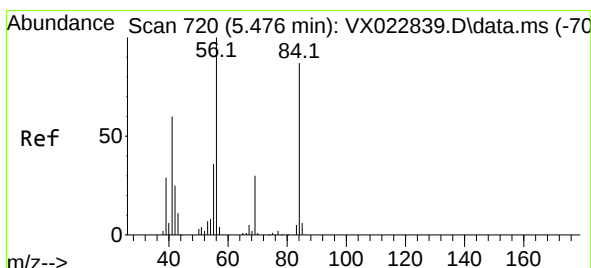
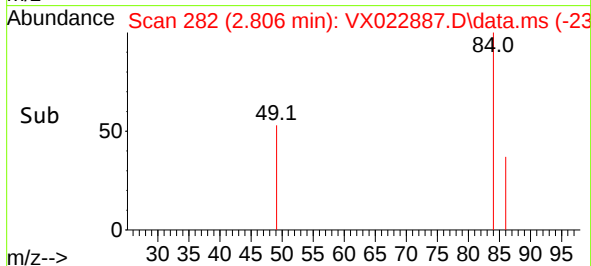
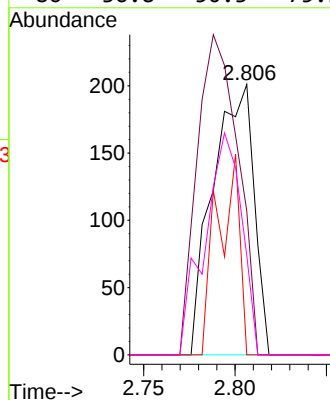
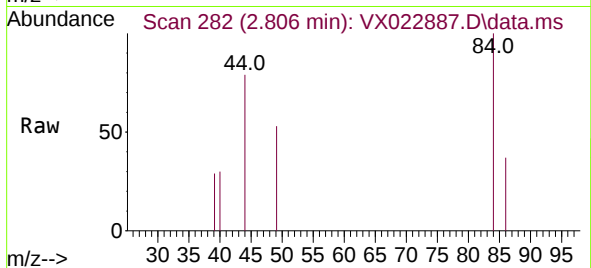
Ion Ratio Lower Upper

84 100

49 53.2 88.6 132.8#

51 0.0 27.0 40.6#

86 36.8 50.3 75.5#



#31

Cyclohexane

Concen: 1.28 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022887.D

Acq: 24 Jun 2021 23:38

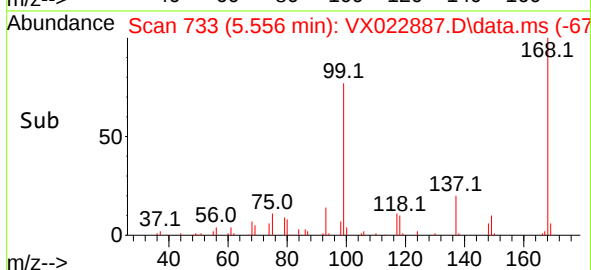
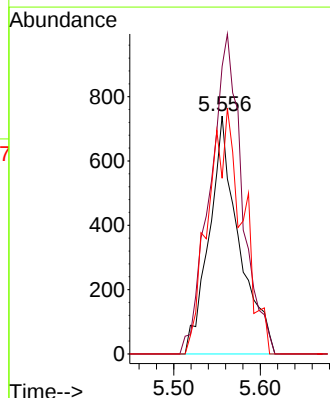
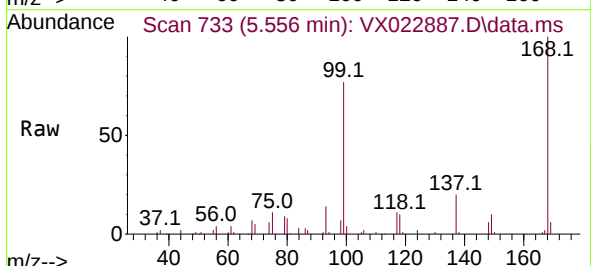
Tgt Ion: 56 Resp: 1757

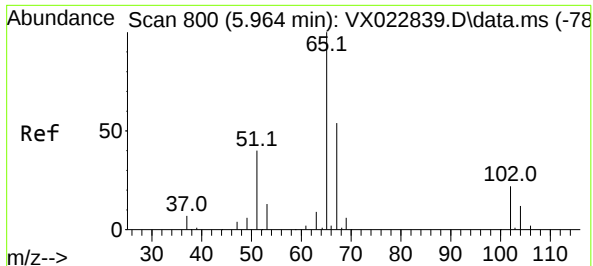
Ion Ratio Lower Upper

56 100

69 120.8 25.3 37.9#

84 73.8 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 50.41 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022887.D

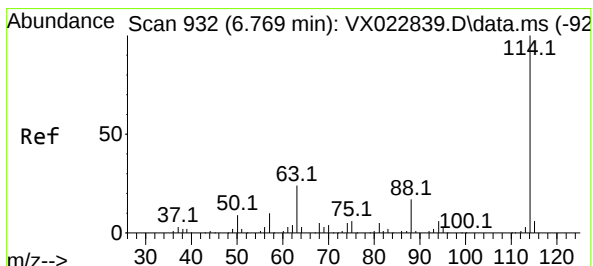
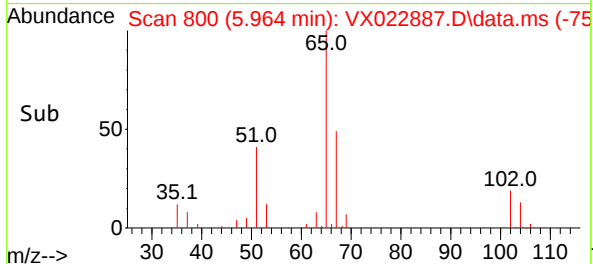
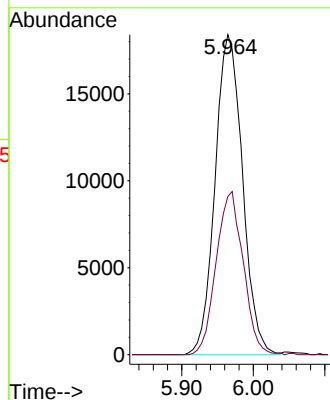
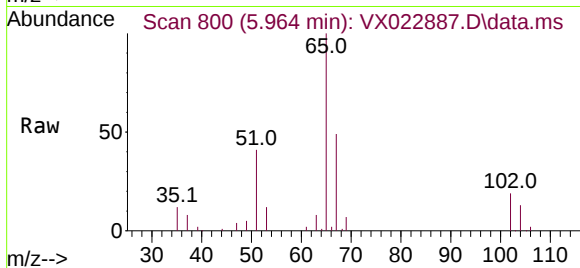
Acq: 24 Jun 2021 23:38

Tgt Ion: 65 Resp: 49027

Ion Ratio Lower Upper

65 100

67 50.3 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: VX022887.D

Acq: 24 Jun 2021 23:38

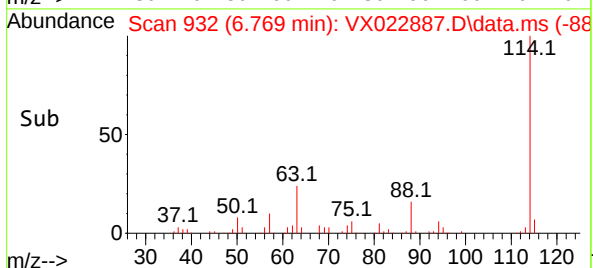
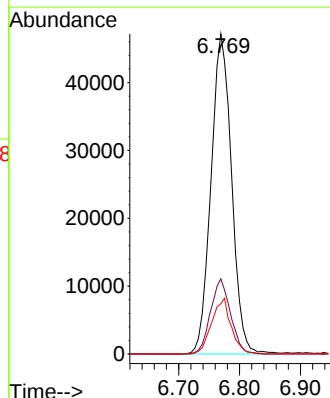
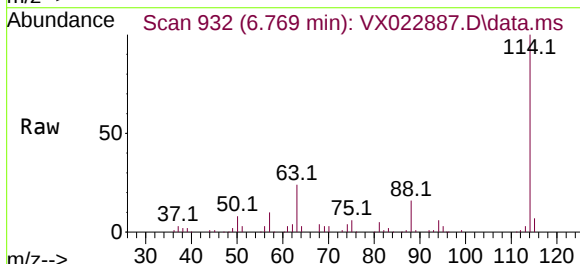
Tgt Ion: 114 Resp: 110738

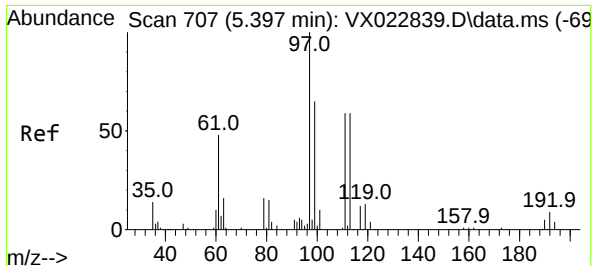
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.95 ug/l

RT: 5.391 min Scan# 706

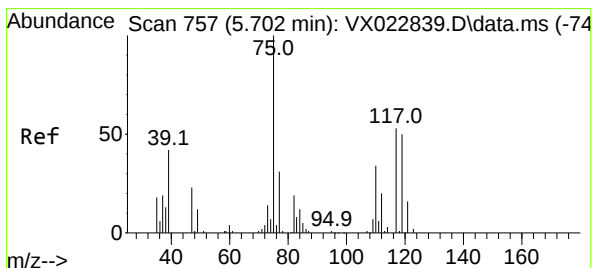
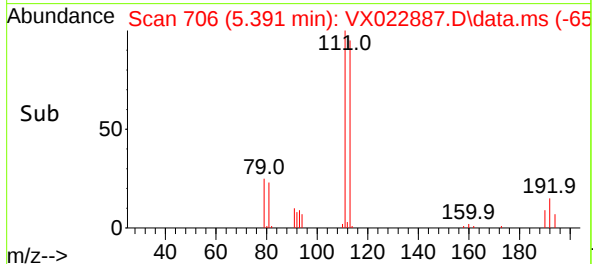
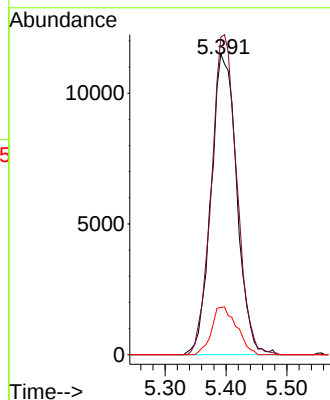
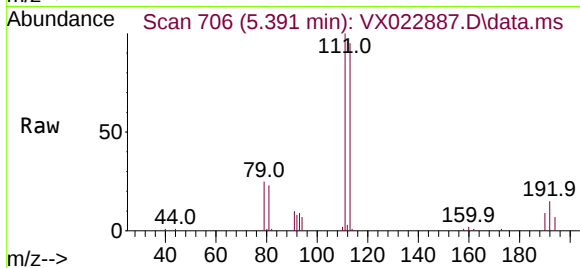
Delta R.T. -0.006 min

Lab File: VX022887.D

Acq: 24 Jun 2021 23:38

Tgt Ion:	113	Resp:	33717
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	15.5	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.06 ug/l

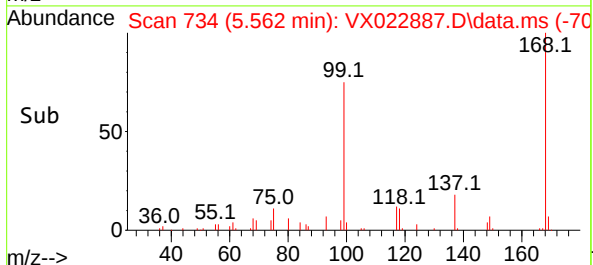
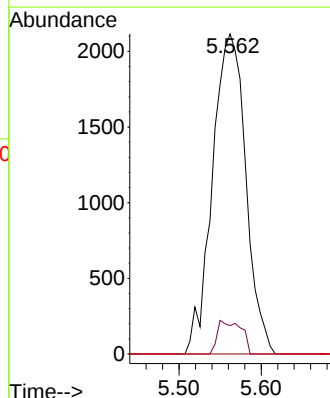
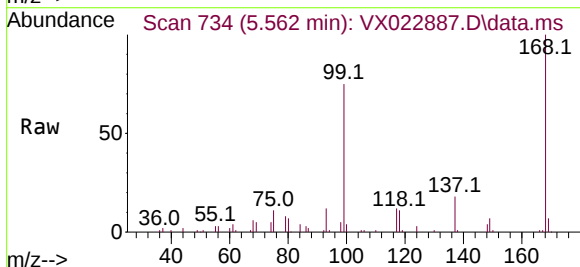
RT: 5.562 min Scan# 734

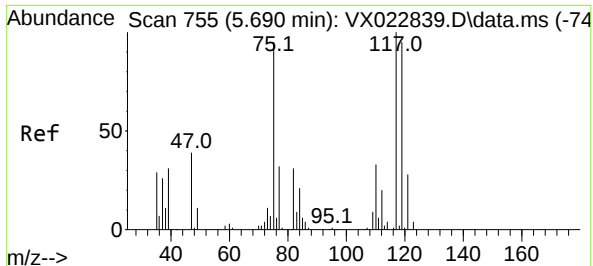
Delta R.T. -0.140 min

Lab File: VX022887.D

Acq: 24 Jun 2021 23:38

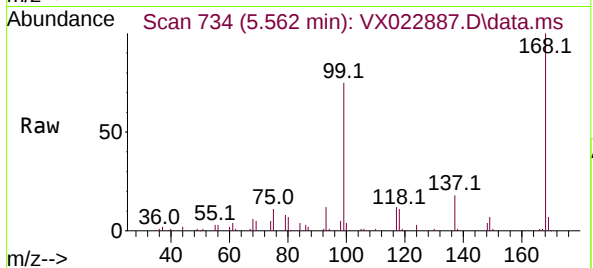
Tgt Ion:	75	Resp:	5957
Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.1	54.4#
77	0.0	25.3	37.9#



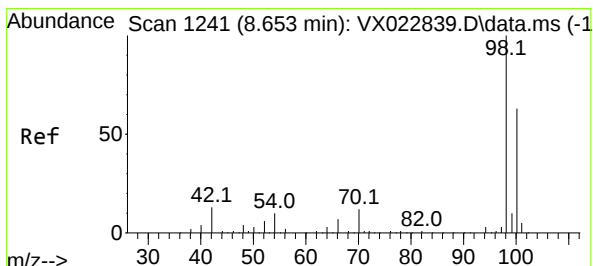
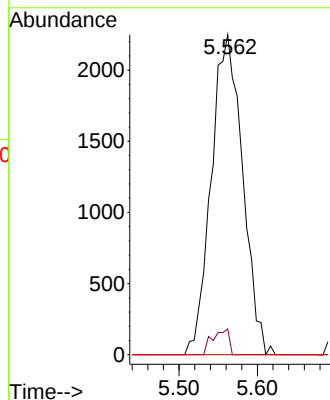
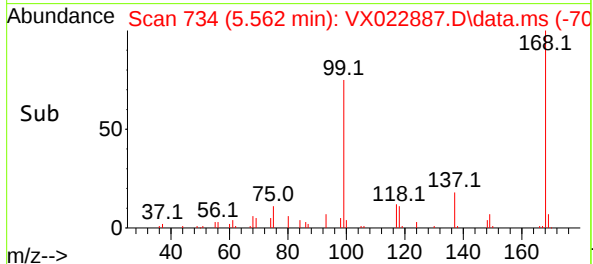


#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampled :

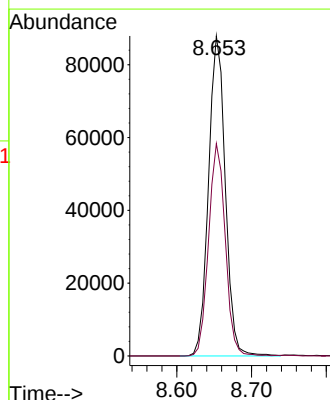
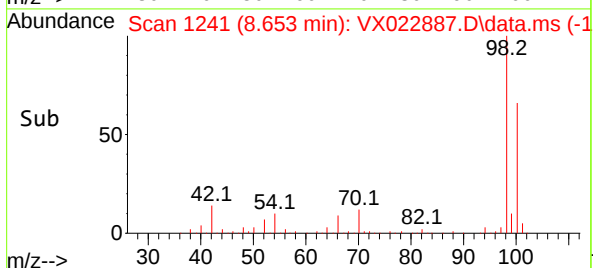
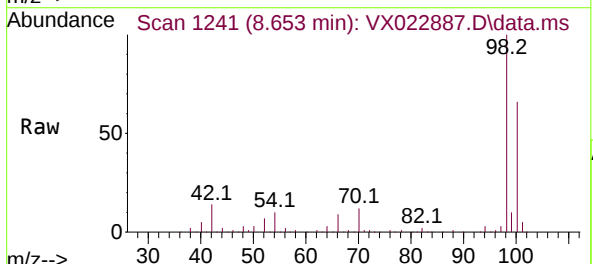


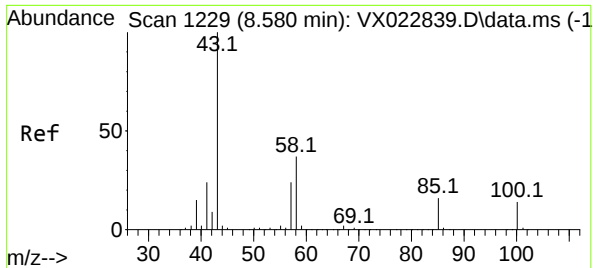
Tgt Ion:117 Resp: 6259
Ion Ratio Lower Upper
117 100
119 8.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.84 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

Tgt Ion: 98 Resp: 137364
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

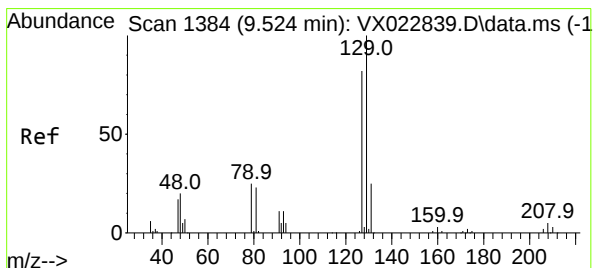
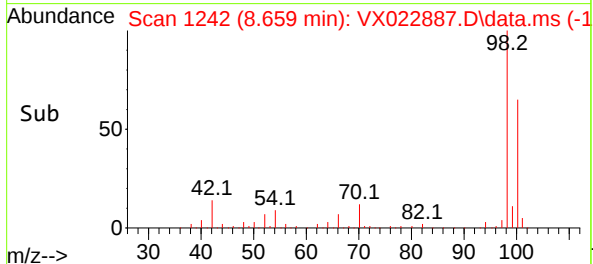
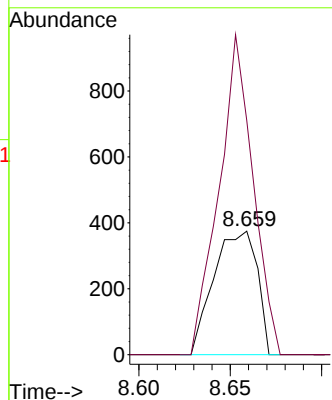
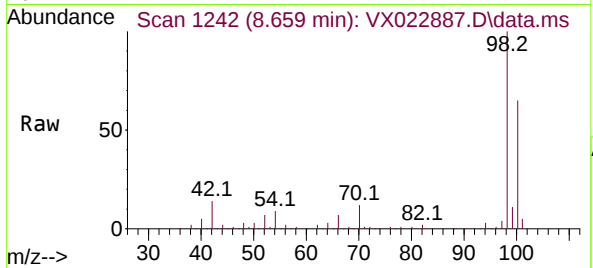




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

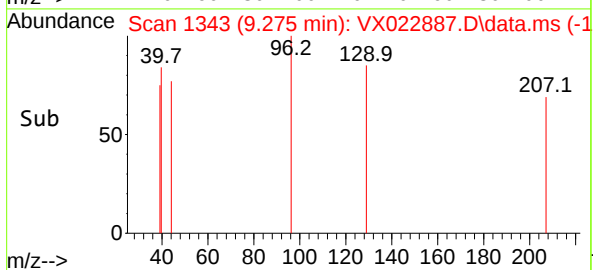
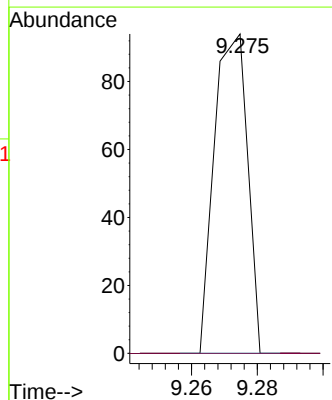
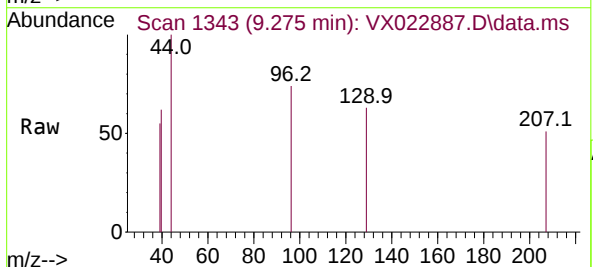
Instrument :
MSVOA_X
ClientSampled :

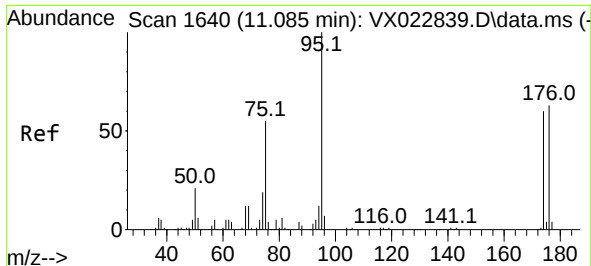
Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
58 203.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.73 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

Tgt Ion: 129 Resp: 66
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

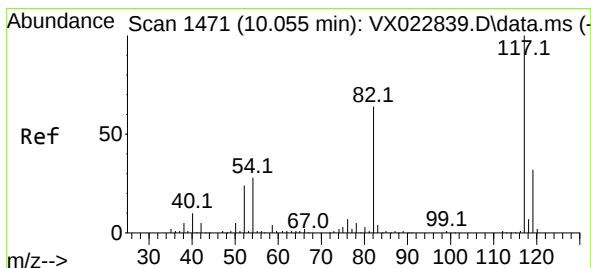
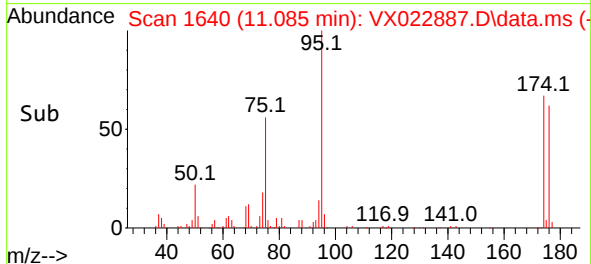
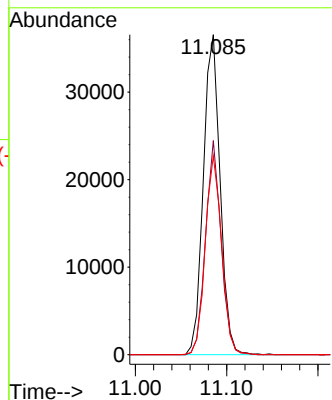
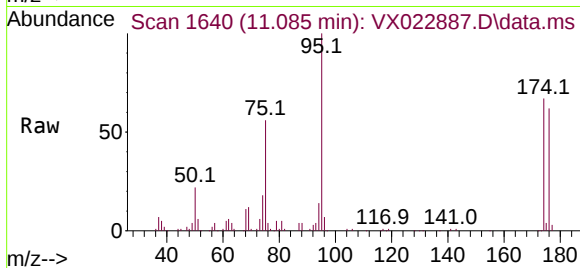




#62
4-Bromofluorobenzene
Concen: 45.18 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

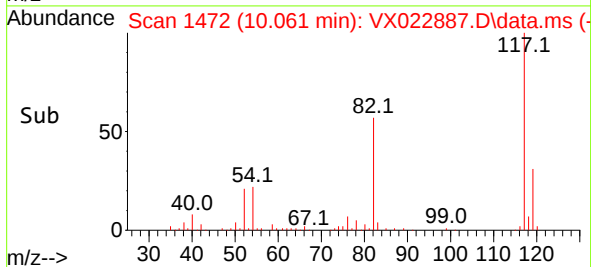
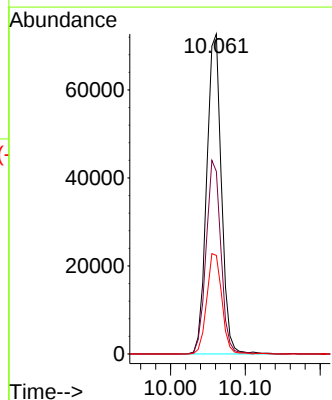
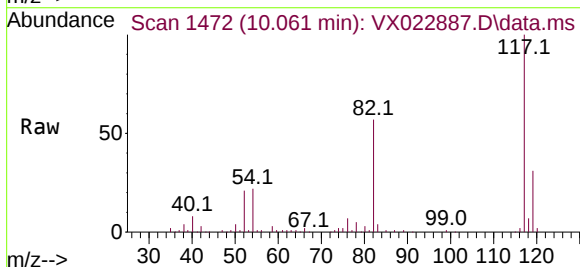
Instrument :
MSVOA_X
ClientSampleId :

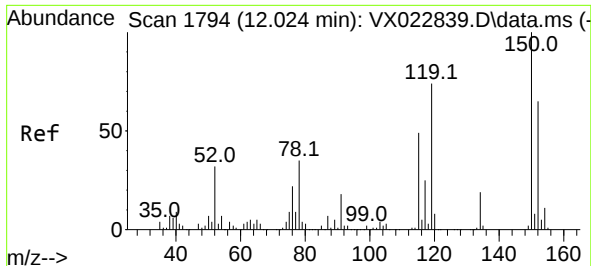
Tgt Ion: 95 Resp: 46471
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 60.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

Tgt Ion: 117 Resp: 99332
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 30.8 26.6 39.8

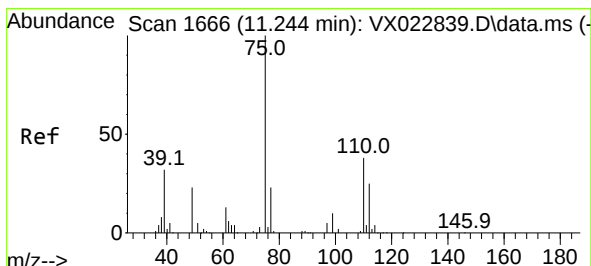
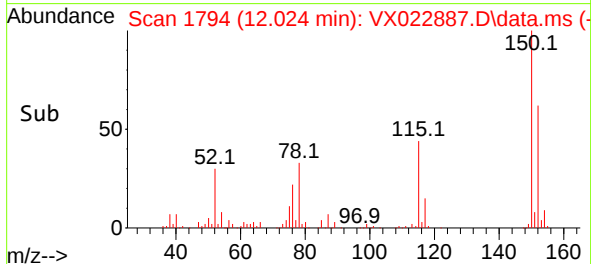
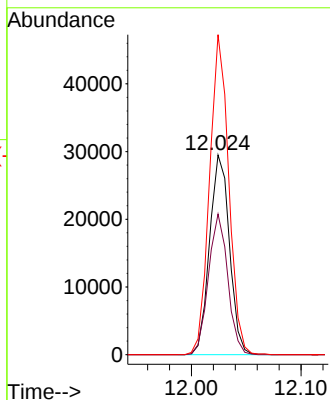
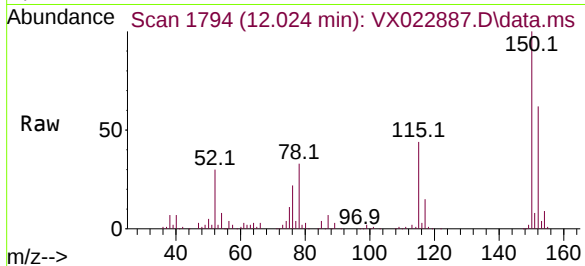




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022887.D
 Acq: 24 Jun 2021 23:38

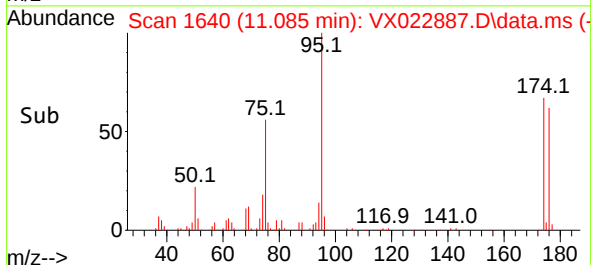
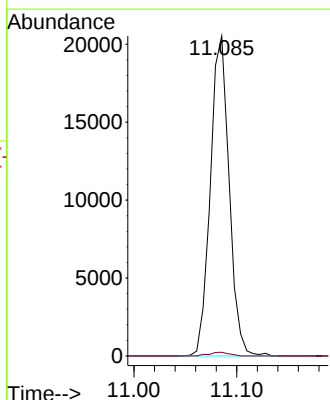
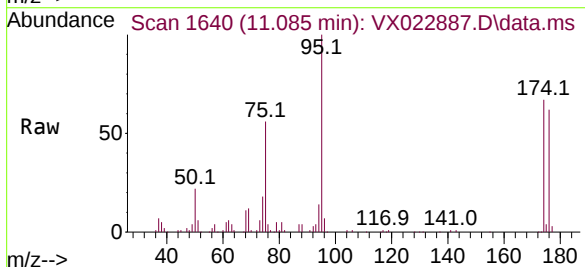
Instrument :
 MSVOA_X
 ClientSampled :

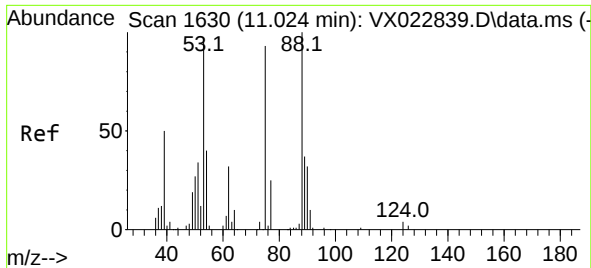
Tgt Ion:152 Resp: 37167
 Ion Ratio Lower Upper
 152 100
 115 68.2 41.1 123.3
 150 154.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.57 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022887.D
 Acq: 24 Jun 2021 23:38

Tgt Ion: 75 Resp: 26089
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

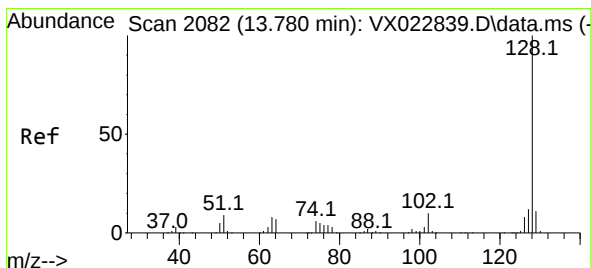
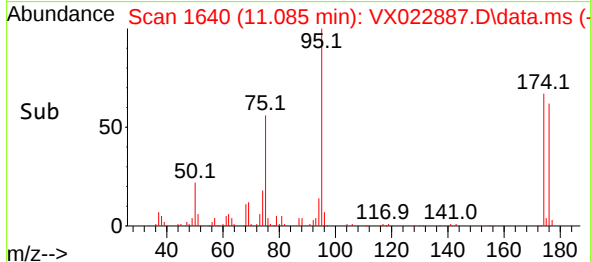
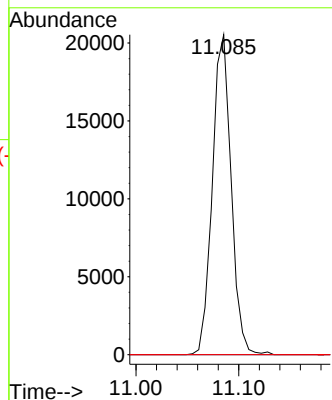
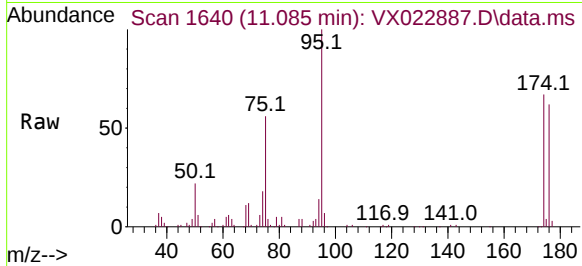




#81
trans-1,4-Dichloro-2-butene
Concen: 68.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 26089
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.99 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022887.D
Acq: 24 Jun 2021 23:38

Tgt Ion:128 Resp: 228
Ion Ratio Lower Upper
128 100
127 8.8 10.3 15.5#
129 0.0 8.8 13.2#

