

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022297.D
 Acq On : 01 Jun 2021 17:47
 Operator : JC/MD
 Sample : M2569-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AA1

Quant Time: Jun 02 03:22:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

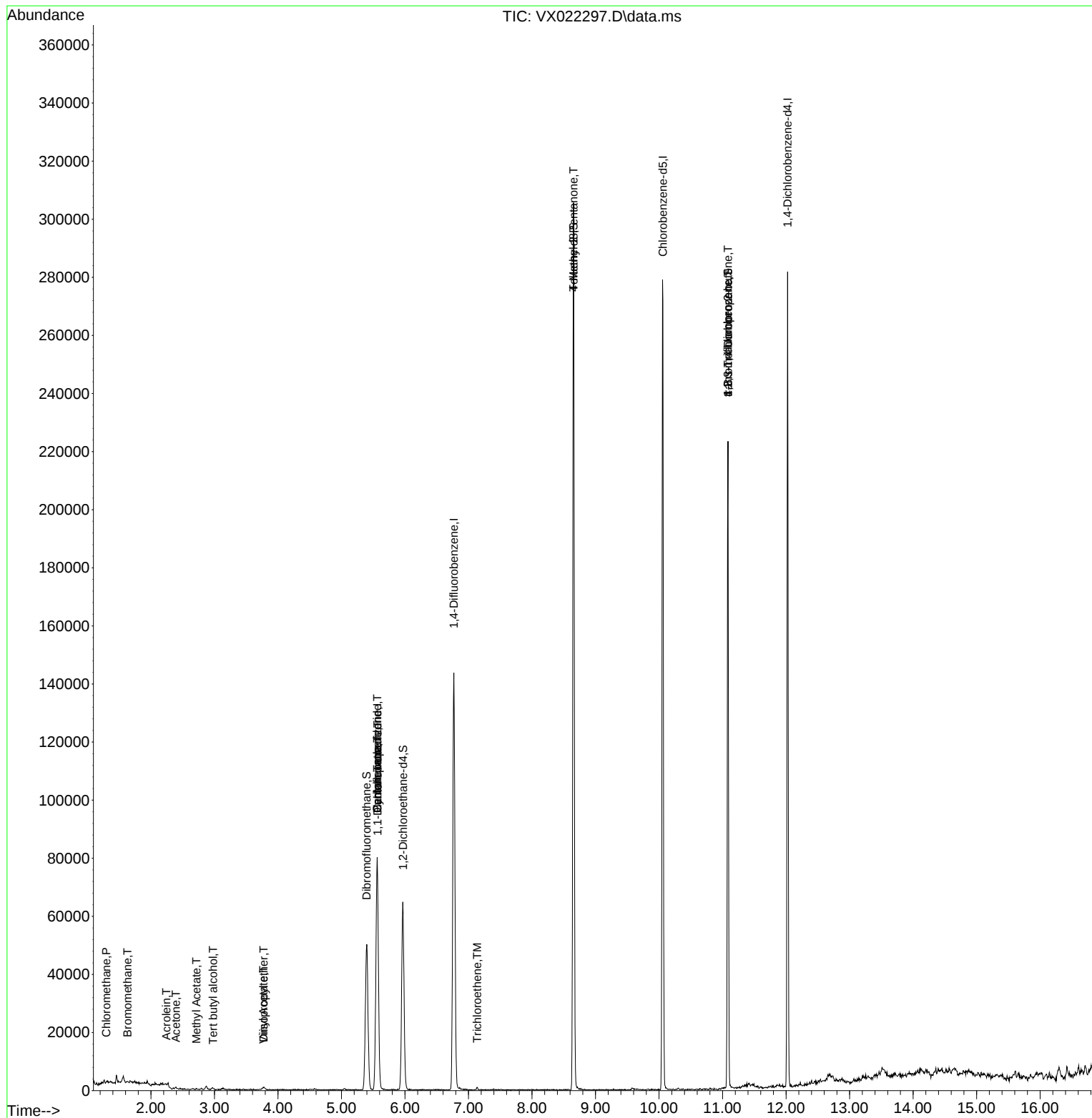
Internal Standards						
1) Pentafluorobenzene	5.562	168	67455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	123898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	57695	55.45	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.90%			
35) Dibromofluoromethane	5.397	113	43714	48.17	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.34%			
50) Toluene-d8	8.653	98	173087	49.52	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.04%			
62) 4-Bromofluorobenzene	11.085	95	59947	46.40	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.80%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	200	0.23	ug/l #	42
5) Bromomethane	1.630	94	265	0.49	ug/l	94
11) Tert butyl alcohol	2.977	59	596	2.50	ug/l #	73
13) Acrolein	2.239	56	79	0.50	ug/l #	14
16) Acetone	2.392	43	940	2.07	ug/l	91
18) Methyl Acetate	2.715	43	336	0.28	ug/l #	47
22) Diisopropyl ether	3.776	45	1115	0.41	ug/l #	75
23) Vinyl Acetate	3.770	43	614	0.23	ug/l #	68
31) Cyclohexane	5.562	56	1820	1.39	ug/l #	7
36) 1,1-Dichloropropene	5.568	75	6476	4.89	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7654	5.91	ug/l #	16
44) Trichloroethene	7.135	130	326	0.32	ug/l	89
51) 4-Methyl-2-Pentanone	8.653	43	874	0.55	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	30804	25.14	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30804	59.57	ug/l #	12

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

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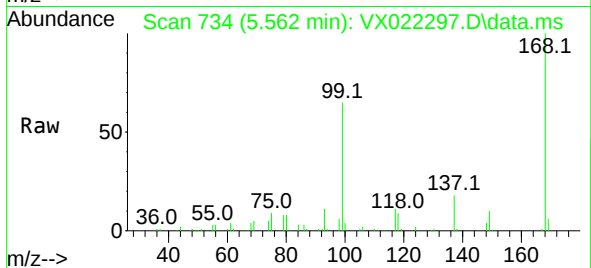
Quant Time: Jun 02 03:22:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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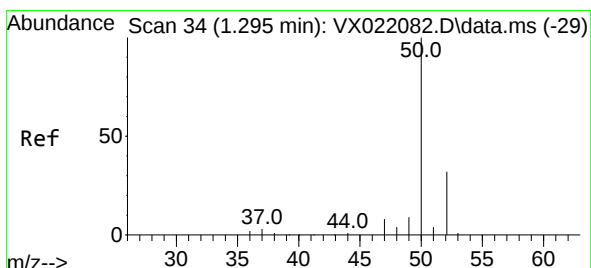
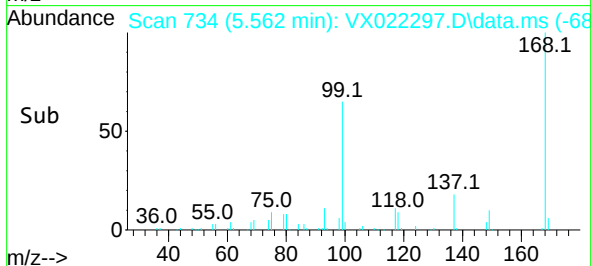
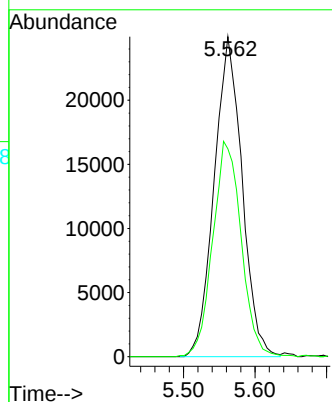


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
C0AA1

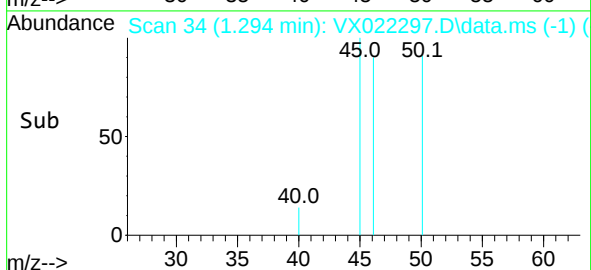
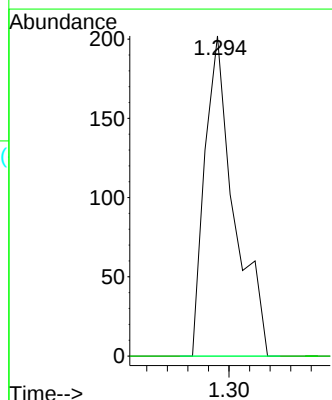
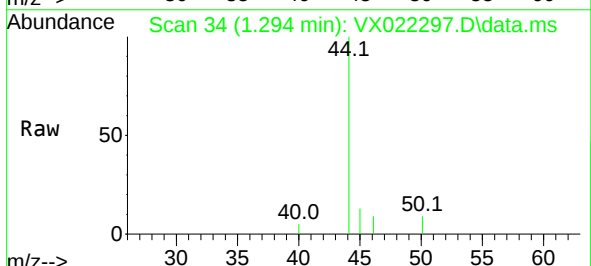


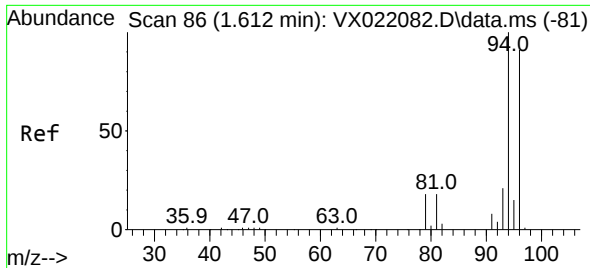
Tgt Ion:168 Resp: 67455
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

Tgt Ion: 50 Resp: 200
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

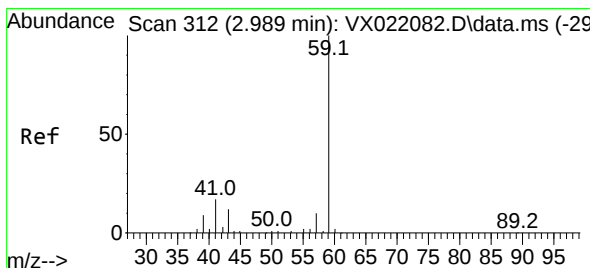
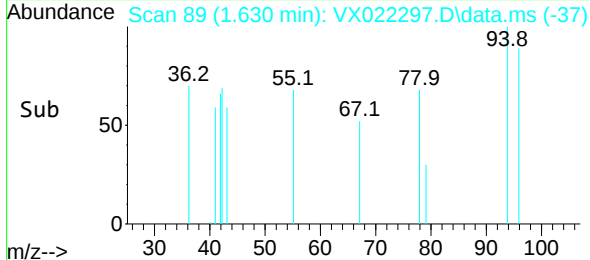
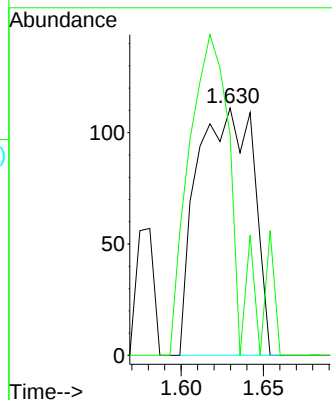
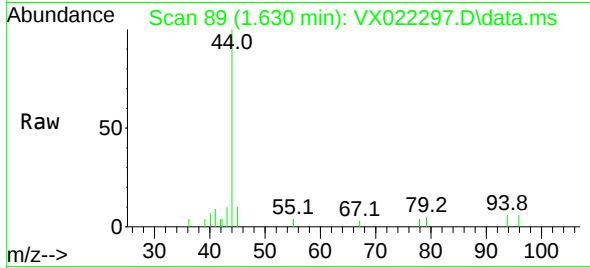




#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.018 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

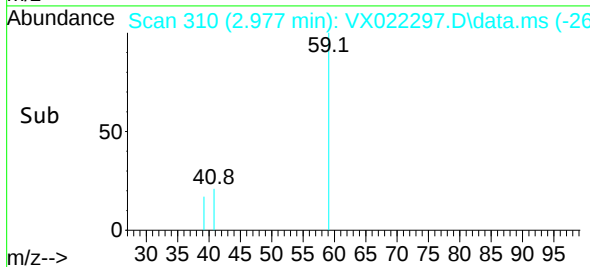
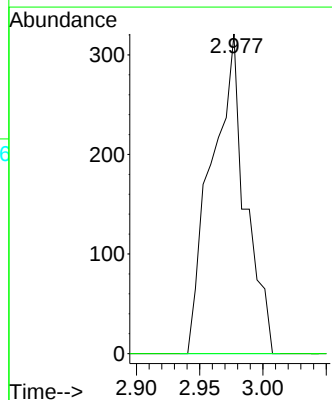
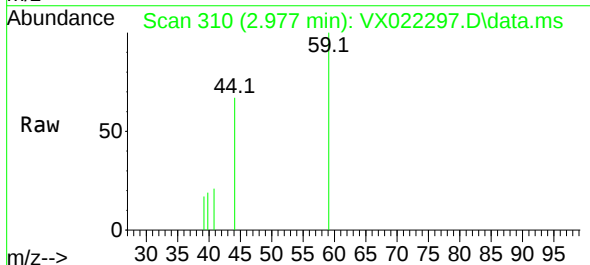
Instrument :
MSVOA_X
ClientSampled :
C0AA1

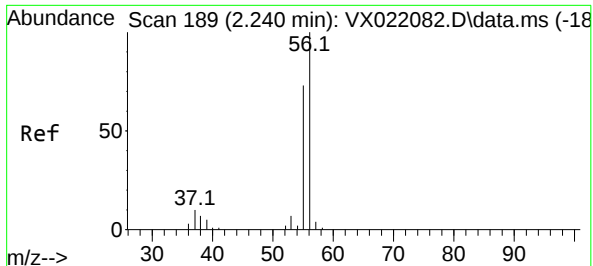
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 89.2 76.4 114.6



#11
Tert butyl alcohol
Concen: 2.50 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

Tgt Ion: 59 Resp: 596
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

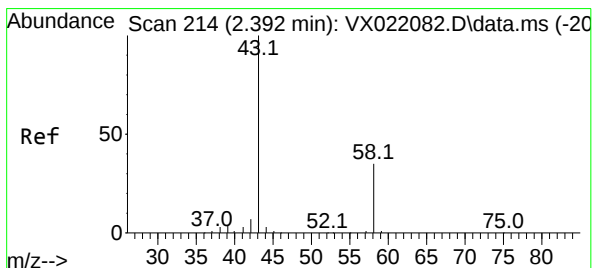
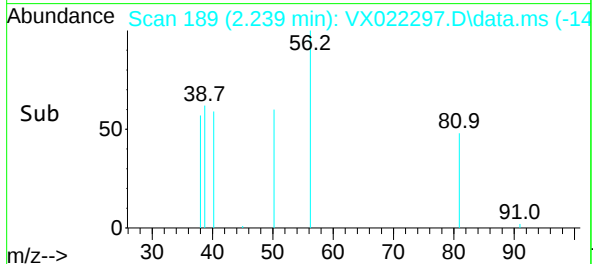
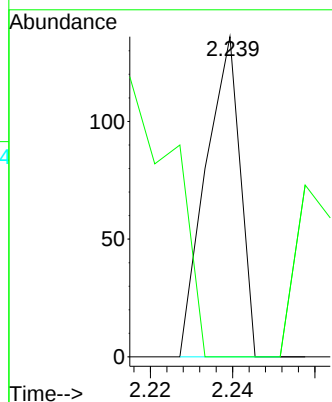
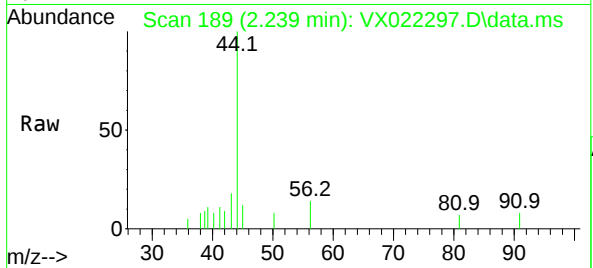




#13
Acrolein
Concen: 0.50 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

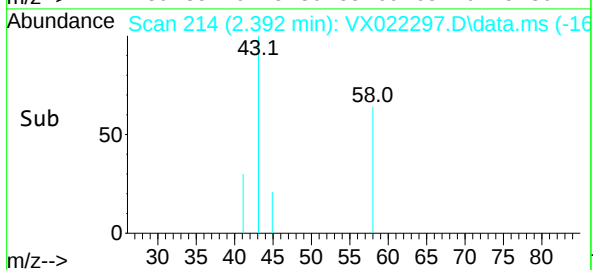
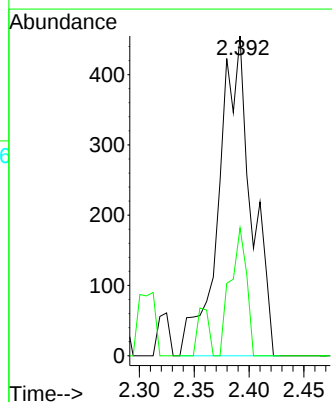
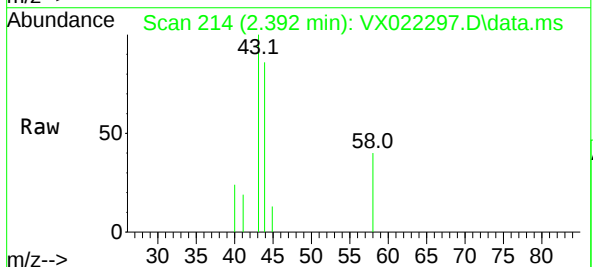
Instrument :
MSVOA_X
ClientSampleId :
C0AA1

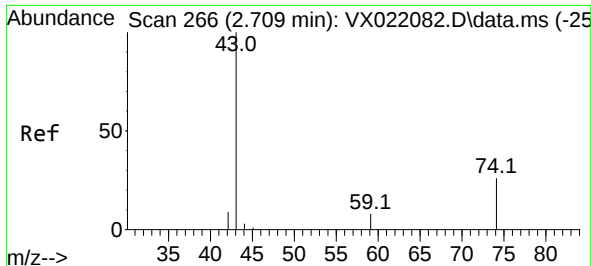
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.07 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
58 40.0 27.8 41.8





#18

Methyl Acetate

Concen: 0.28 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX022297.D

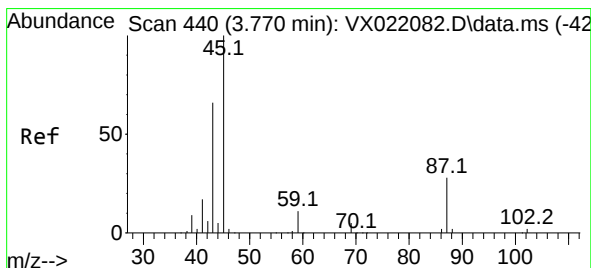
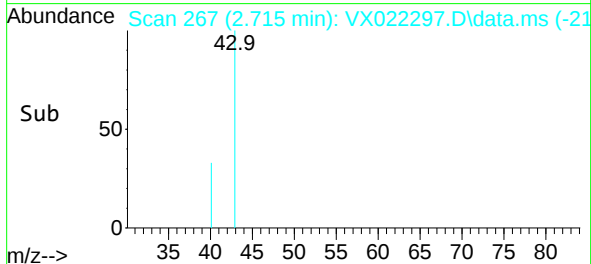
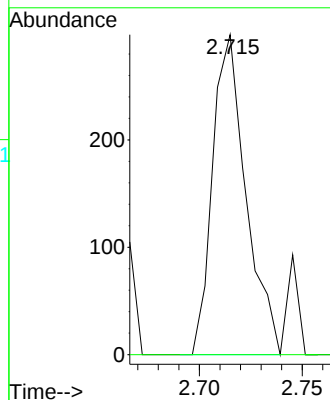
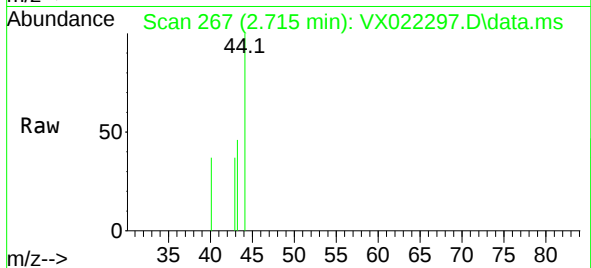
Acq: 01 Jun 2021 17:47

Tgt Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#22

Diisopropyl ether

Concen: 0.41 ug/l

RT: 3.776 min Scan# 441

Delta R.T. 0.006 min

Lab File: VX022297.D

Acq: 01 Jun 2021 17:47

Tgt Ion: 45 Resp: 1115

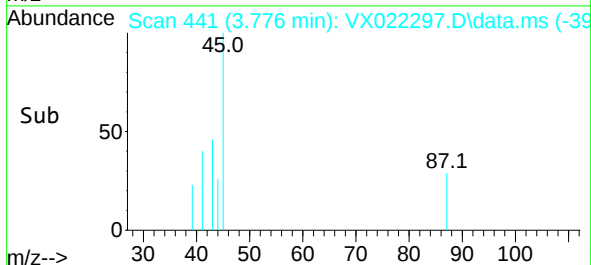
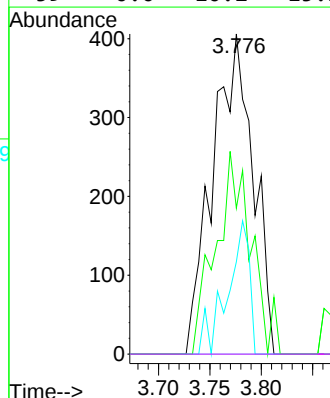
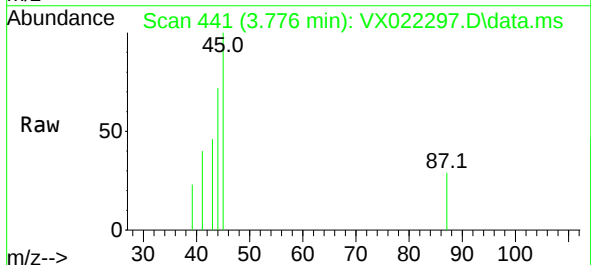
Ion Ratio Lower Upper

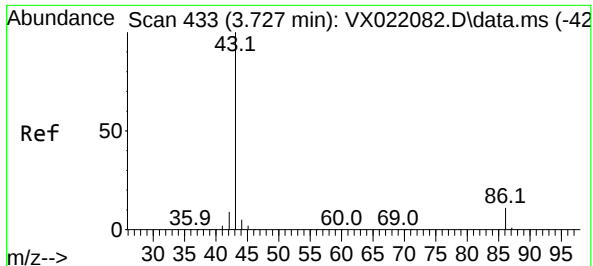
45 100

43 45.6 58.0 87.0#

87 28.8 25.4 38.0

59 0.0 10.2 15.2#

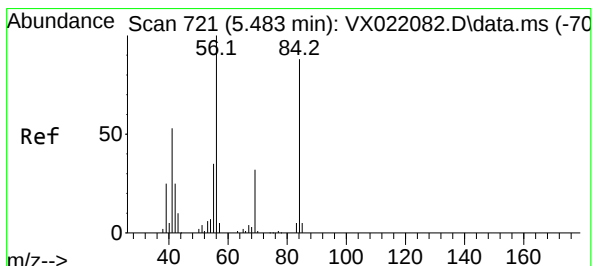
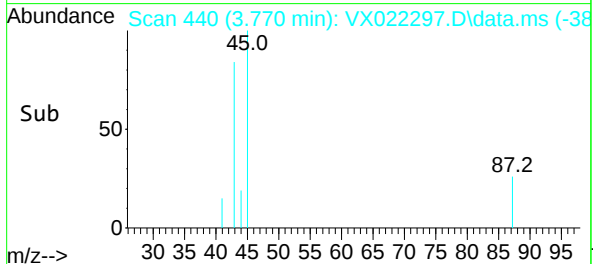
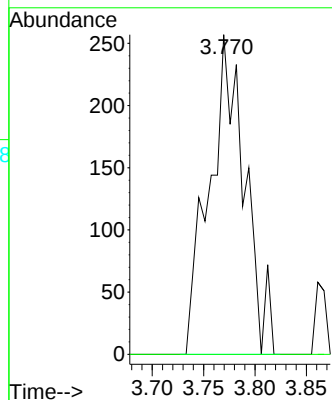
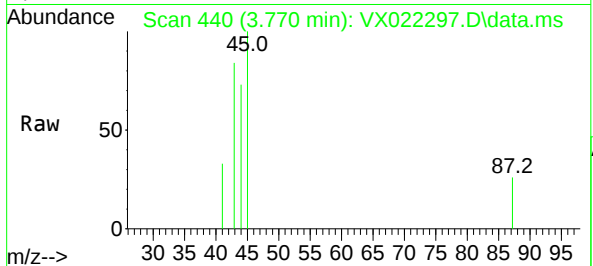




#23
 Vinyl Acetate
 Concen: 0.23 ug/l
 RT: 3.770 min Scan# 440
 Delta R.T. 0.043 min
 Lab File: VX022297.D
 Acq: 01 Jun 2021 17:47

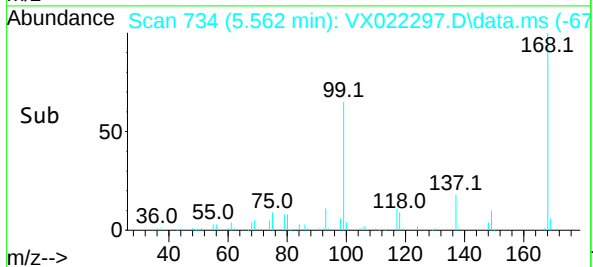
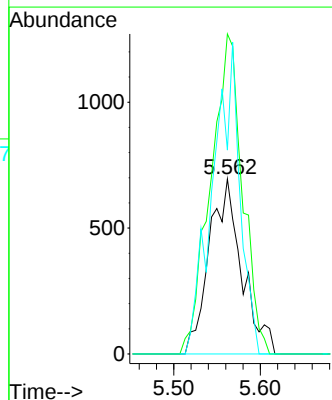
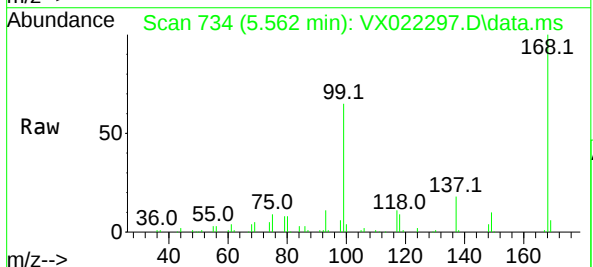
Instrument :
 MSVOA_X
 ClientSampleId :
 C0AA1

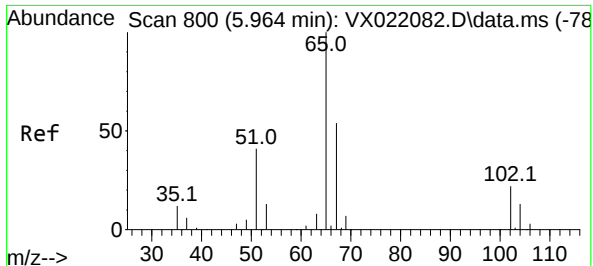
Tgt Ion: 43 Resp: 614
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#31
 Cyclohexane
 Concen: 1.39 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. 0.079 min
 Lab File: VX022297.D
 Acq: 01 Jun 2021 17:47

Tgt Ion: 56 Resp: 1820
 Ion Ratio Lower Upper
 56 100
 69 182.9 25.3 37.9#
 84 116.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 55.45 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022297.D

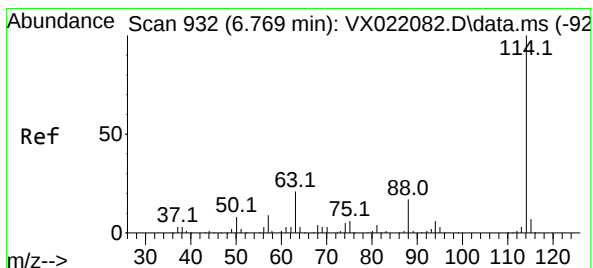
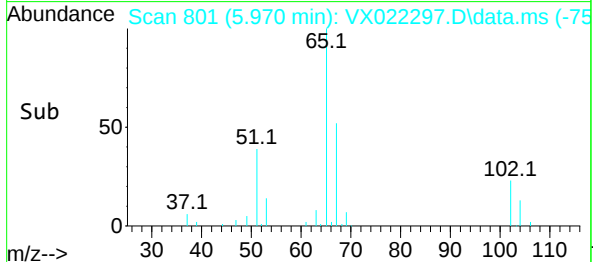
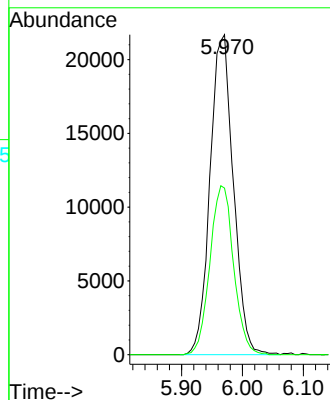
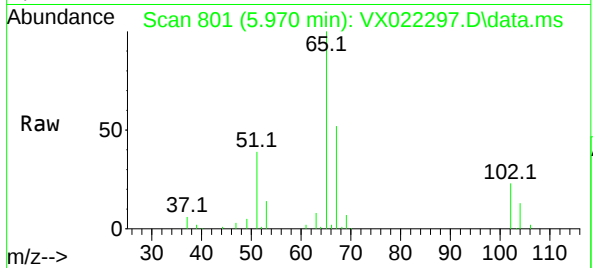
Acq: 01 Jun 2021 17:47

Tgt Ion: 65 Resp: 57695

Ion Ratio Lower Upper

65 100

67 53.6 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: VX022297.D

Acq: 01 Jun 2021 17:47

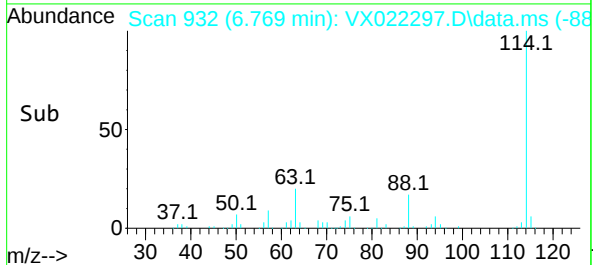
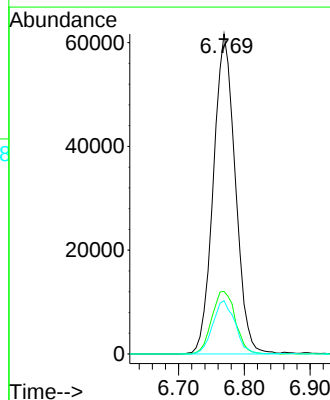
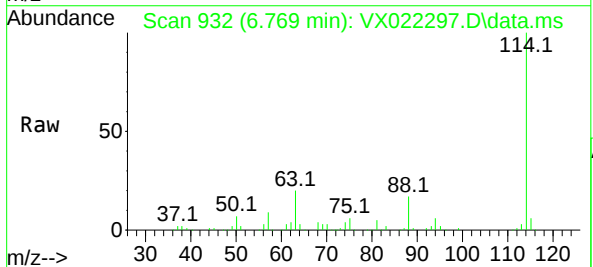
Tgt Ion: 114 Resp: 143095

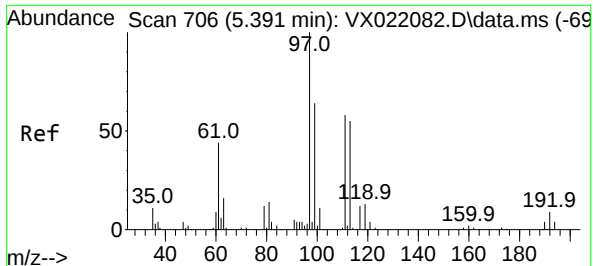
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.17 ug/l

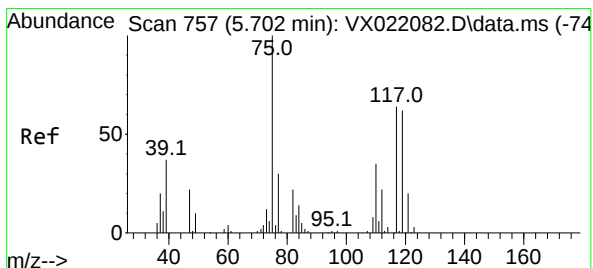
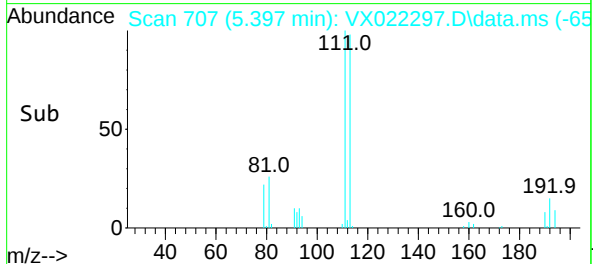
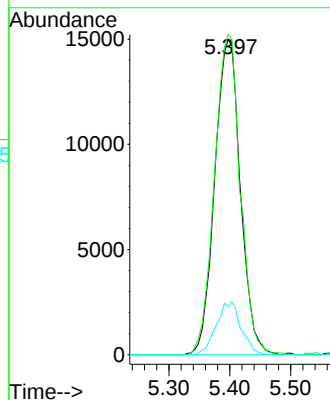
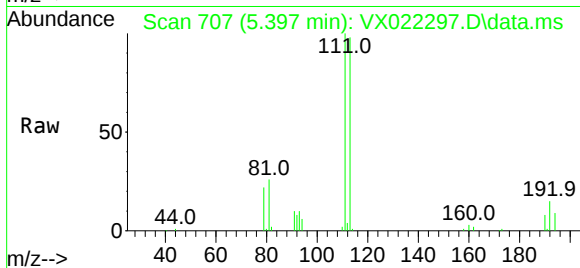
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022297.D

Acq: 01 Jun 2021 17:47

Tgt Ion:	113	Resp:	43714
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	16.2	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 4.89 ug/l

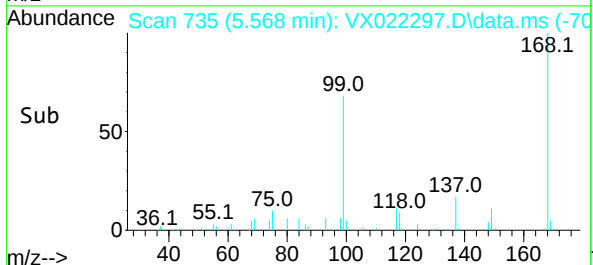
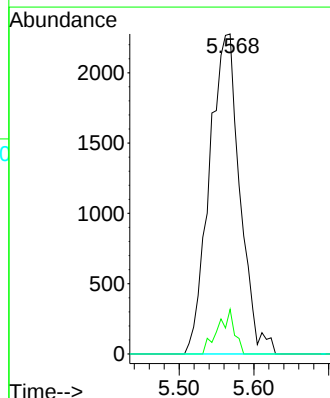
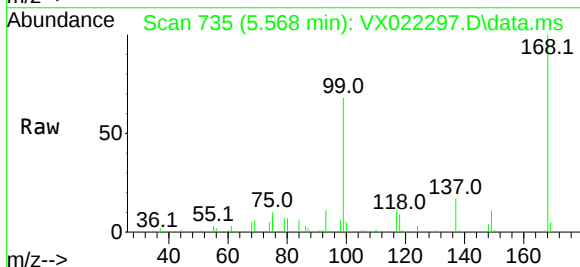
RT: 5.568 min Scan# 735

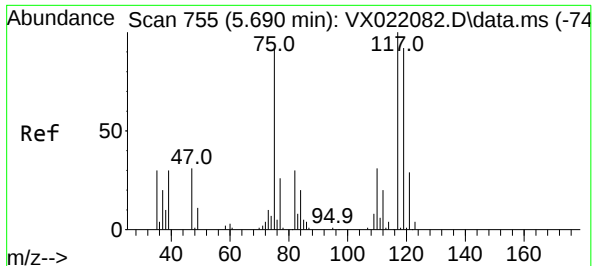
Delta R.T. -0.134 min

Lab File: VX022297.D

Acq: 01 Jun 2021 17:47

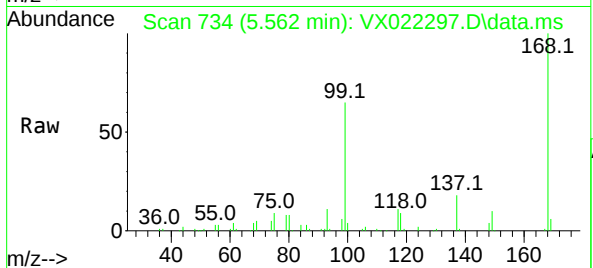
Tgt Ion:	75	Resp:	6476
Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.4#
77	0.0	25.3	37.9#



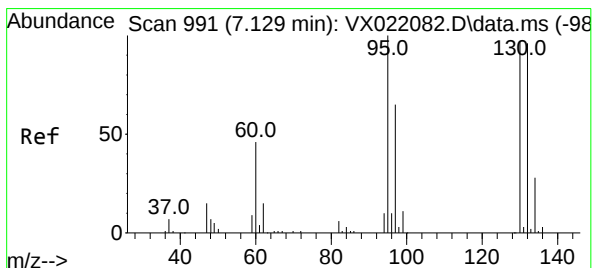
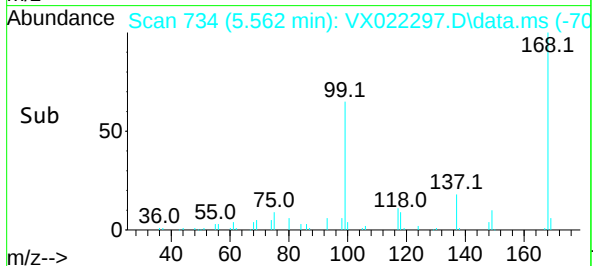
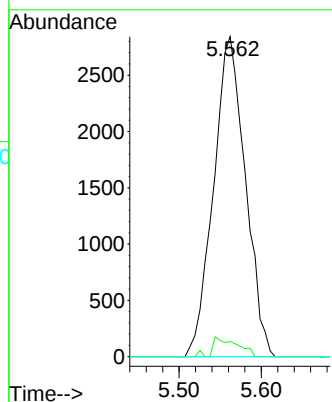


#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
C0AA1

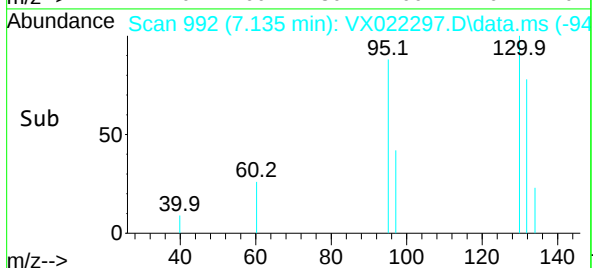
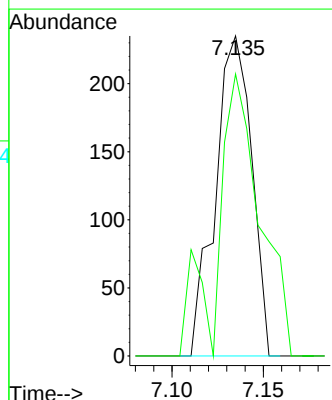
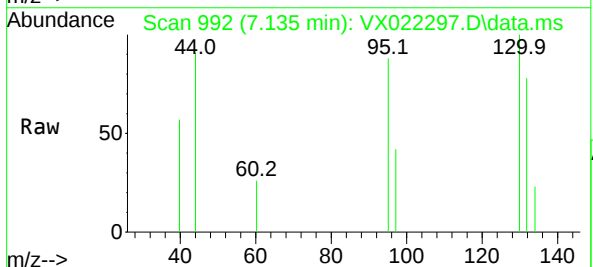


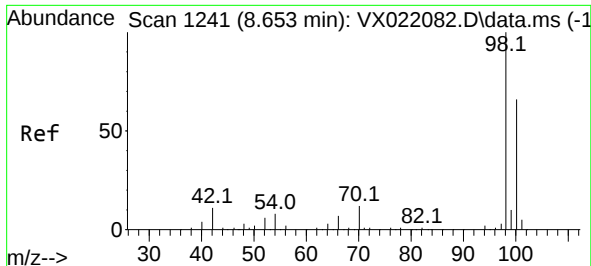
Tgt Ion:117 Resp: 7654
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.32 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

Tgt Ion:130 Resp: 326
Ion Ratio Lower Upper
130 100
95 88.1 0.0 198.0

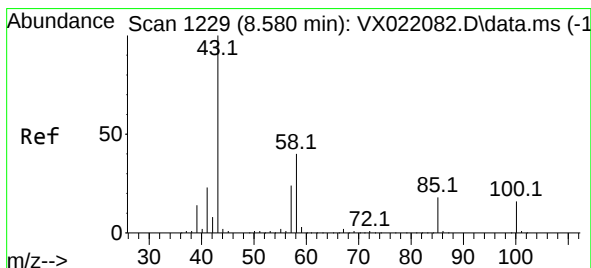
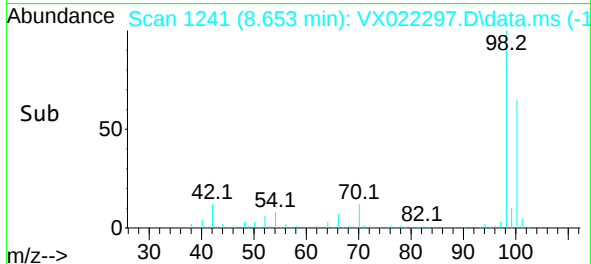
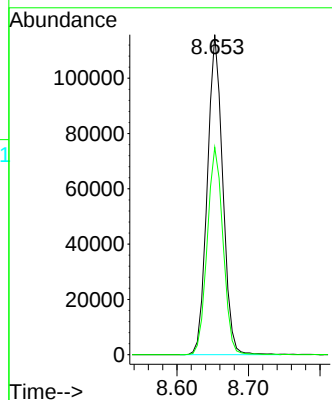
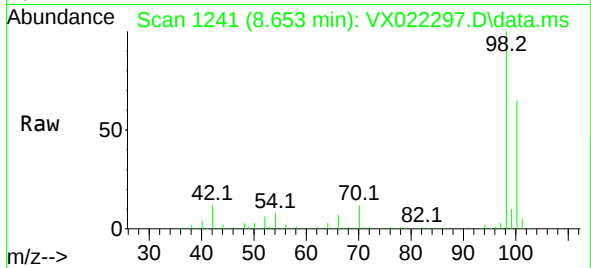




#50
Toluene-d8
Concen: 49.52 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

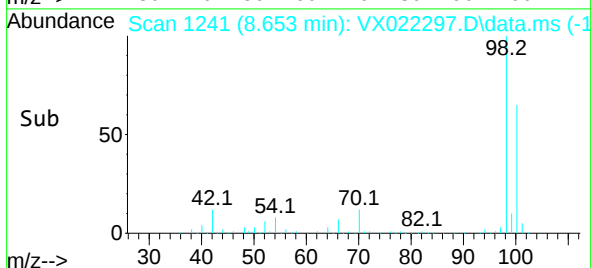
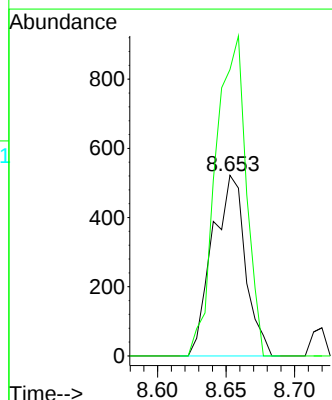
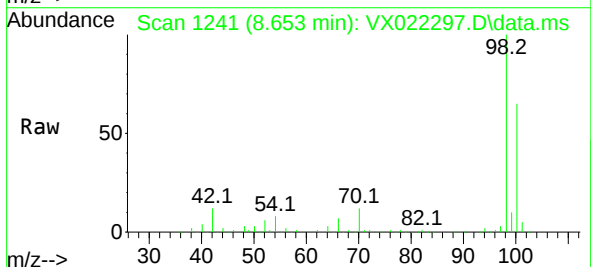
Instrument :
MSVOA_X
ClientSampleId :
C0AA1

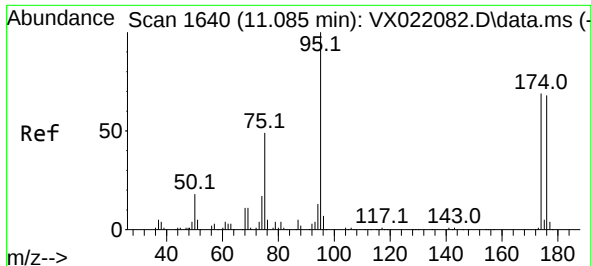
Tgt Ion: 98 Resp: 173087
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 163.3 35.4 53.0#

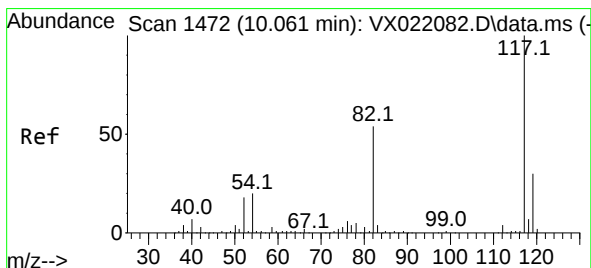
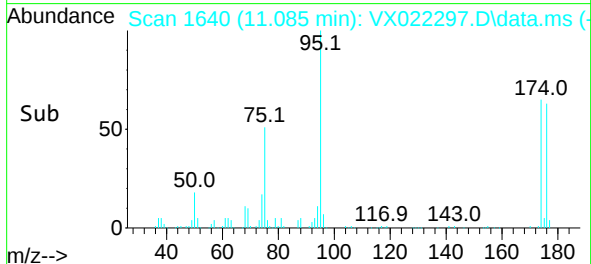
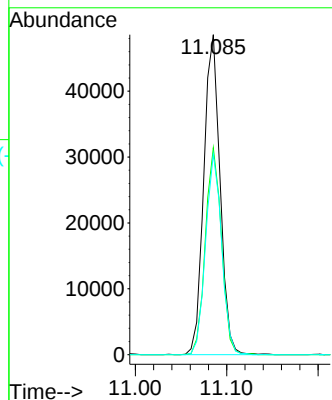
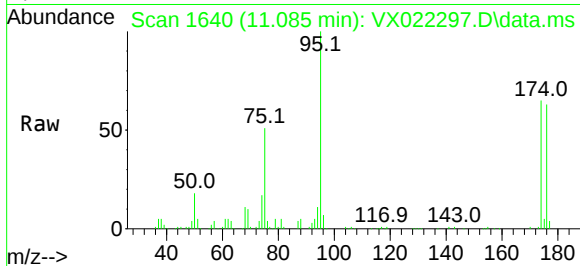




#62
4-Bromofluorobenzene
Concen: 46.40 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

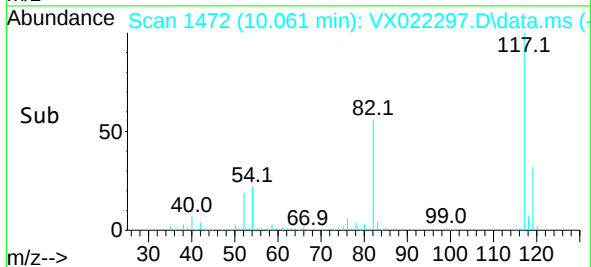
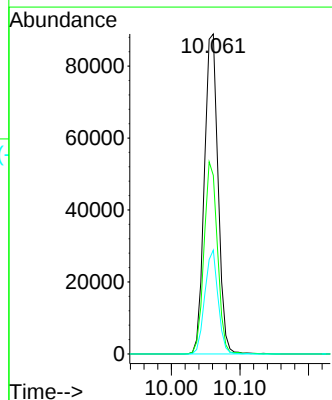
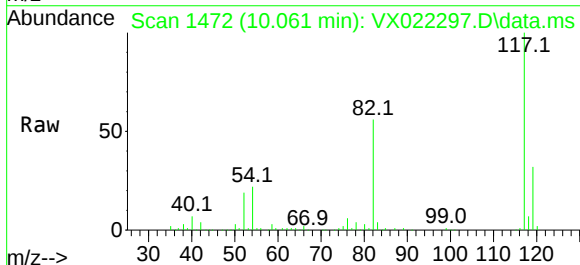
Instrument :
MSVOA_X
ClientSampleId :
C0AA1

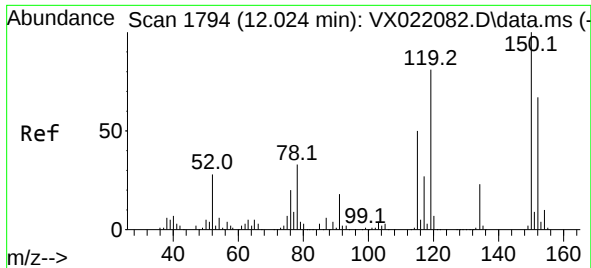
Tgt Ion: 95 Resp: 59947
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 61.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022297.D
Acq: 01 Jun 2021 17:47

Tgt Ion: 117 Resp: 123898
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.5 26.6 39.8

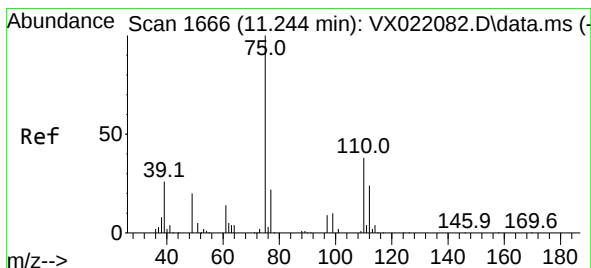
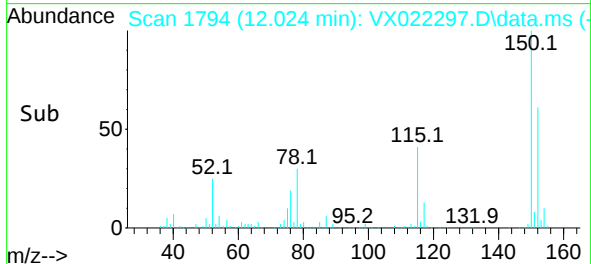
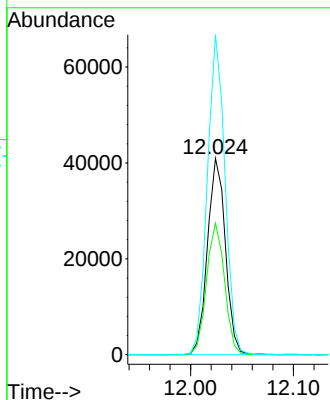
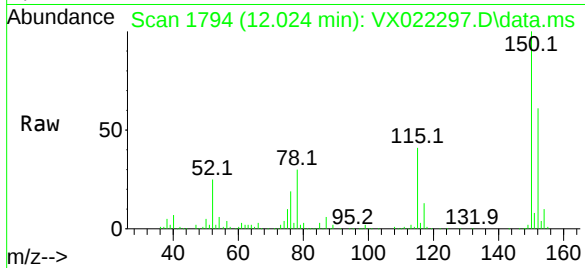




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022297.D
 Acq: 01 Jun 2021 17:47

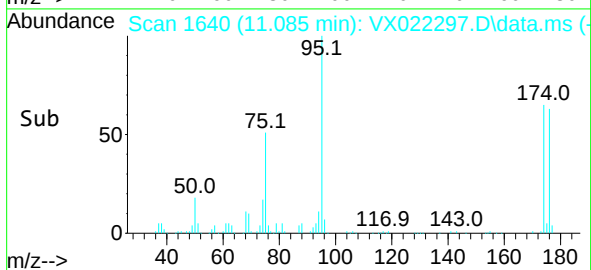
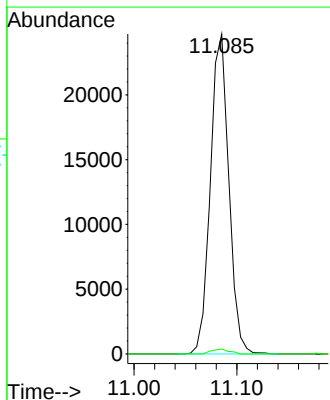
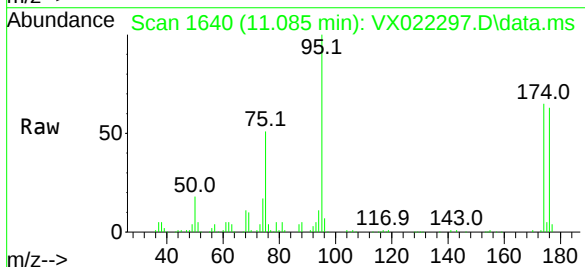
Instrument :
 MSVOA_X
 ClientSampled :
 C0AA1

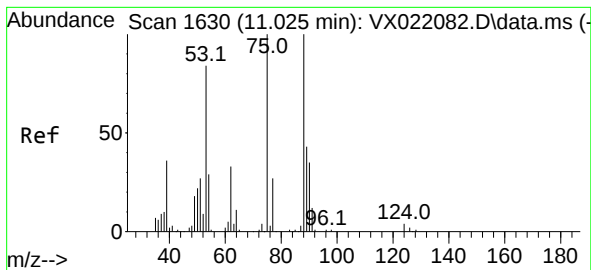
Tgt Ion:152 Resp: 49663
 Ion Ratio Lower Upper
 152 100
 115 67.2 41.1 123.3
 150 159.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.14 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022297.D
 Acq: 01 Jun 2021 17:47

Tgt Ion: 75 Resp: 30804
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.57 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022297.D
 Acq: 01 Jun 2021 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AA1

Tgt Ion: 75 Resp: 30804
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

