

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022267.D
 Acq On : 28 May 2021 21:58
 Operator : JC/MD
 Sample : M2569-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AA2

Quant Time: May 29 04:56:22 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)

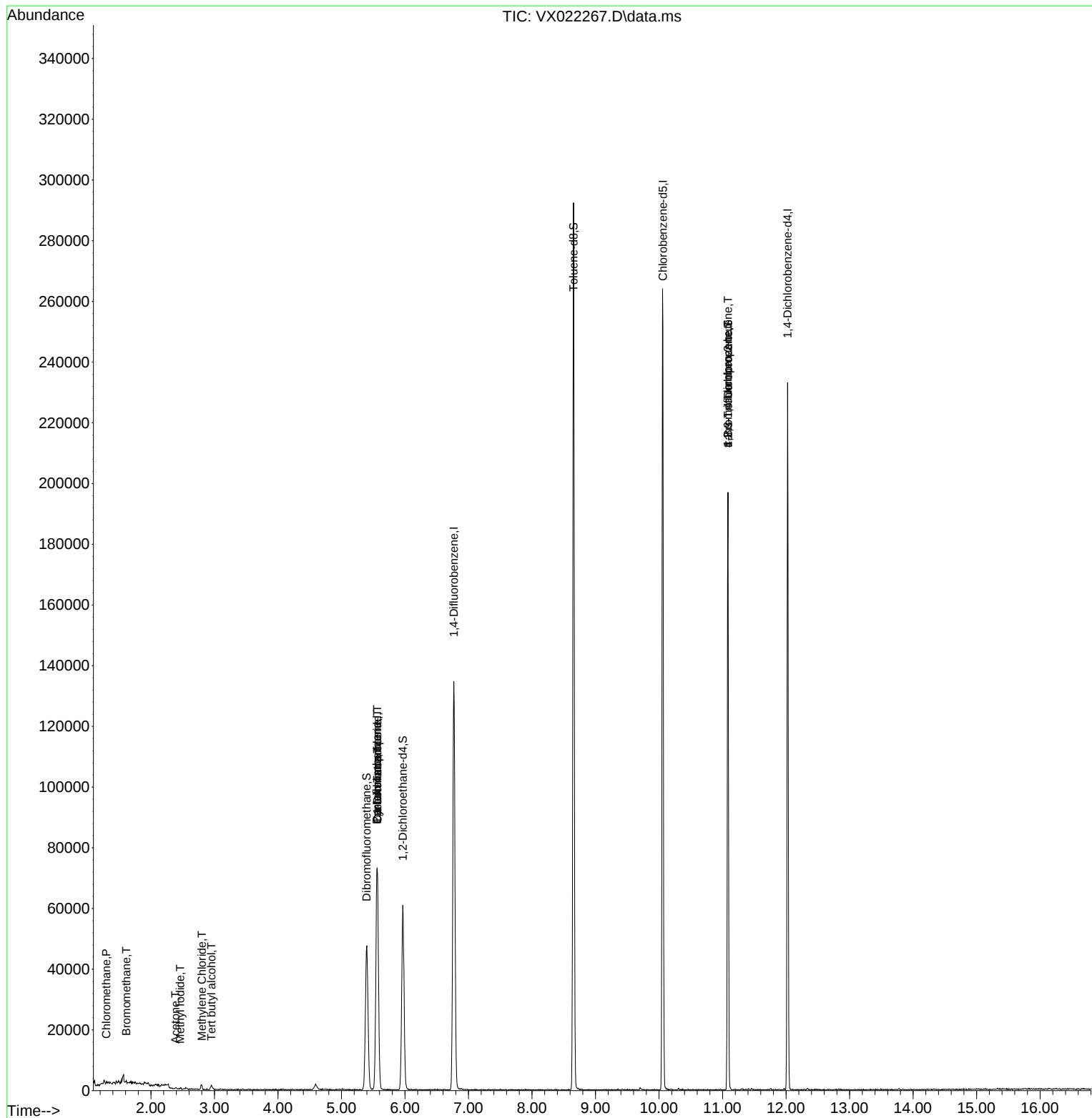
Internal Standards						
1) Pentafluorobenzene	5.556	168	63664	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54059	55.05	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.10%	
35) Dibromofluoromethane	5.397	113	41138	48.13	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.26%	
50) Toluene-d8	8.653	98	162802	49.45	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.90%	
62) 4-Bromofluorobenzene	11.085	95	54273	44.60	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.20%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	223	0.27	ug/l	100
5) Bromomethane	1.611	94	241	0.47	ug/l #	35
10) Methyl Iodide	2.459	142	360	0.44	ug/l #	85
11) Tert butyl alcohol	2.953	59	762	3.39	ug/l #	73
16) Acetone	2.386	43	535	1.25	ug/l #	85
20) Methylene Chloride	2.800	84	720	0.76	ug/l	87
31) Cyclohexane	5.562	56	1848	1.50	ug/l #	40
36) 1,1-Dichloropropene	5.562	75	6388	5.13	ug/l #	46
38) Carbon Tetrachloride	5.562	117	7738	6.35	ug/l #	14
76) 1,2,3-Trichloropropane	11.085	75	28932	27.60	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28932	65.40	ug/l #	12

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

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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

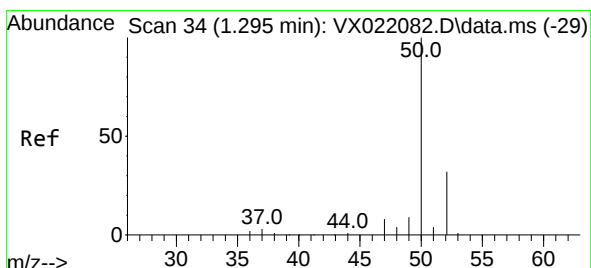
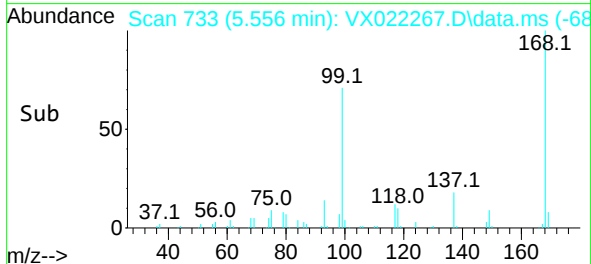
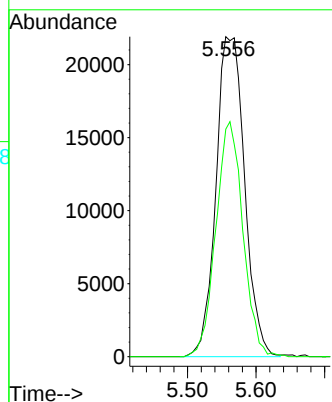
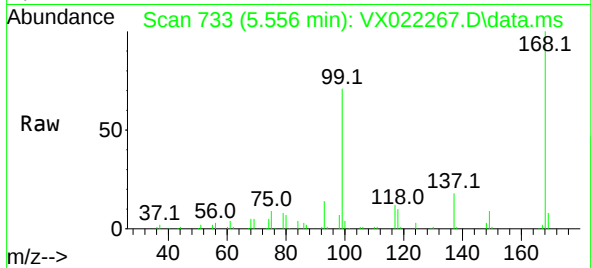




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

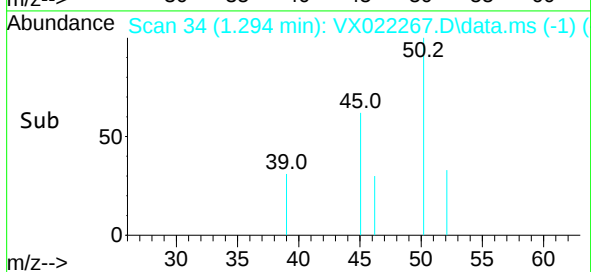
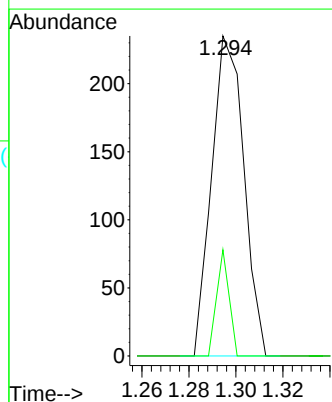
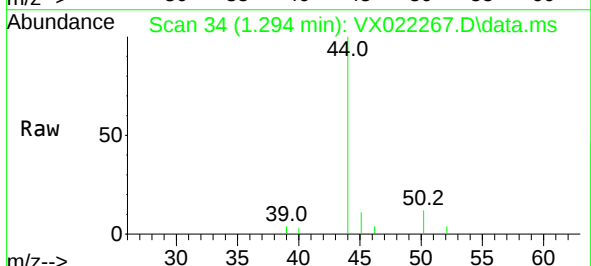
Instrument :
MSVOA_X
ClientSampleId :
C0AA2

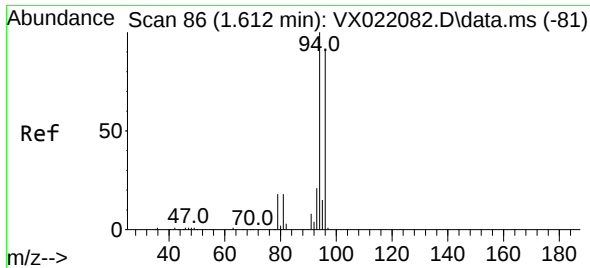
Tgt Ion:168 Resp: 63664
Ion Ratio Lower Upper
168 100
99 71.1 45.8 68.6#



#3
Chloromethane
Concen: 0.27 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6

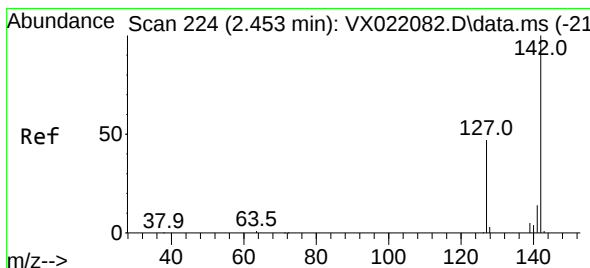
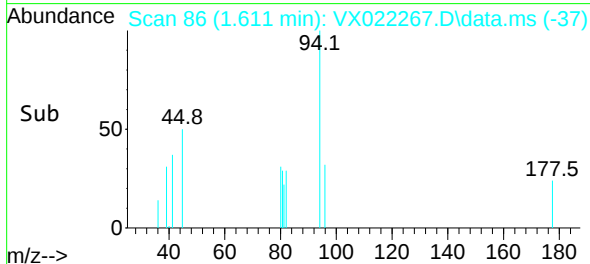
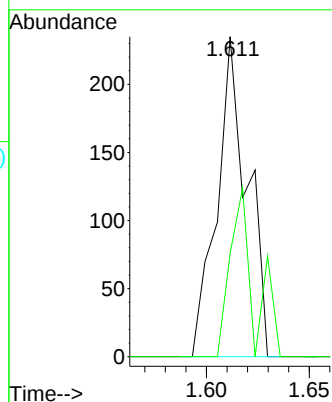
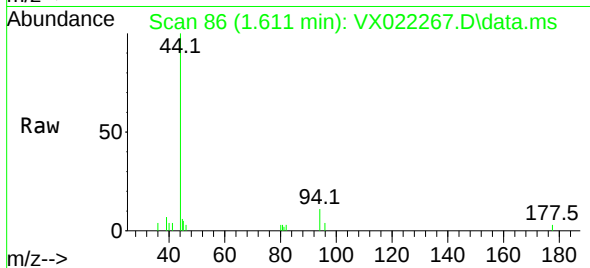




#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

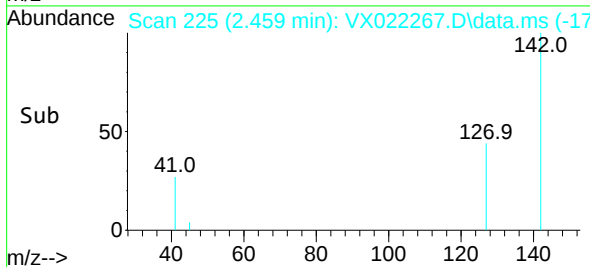
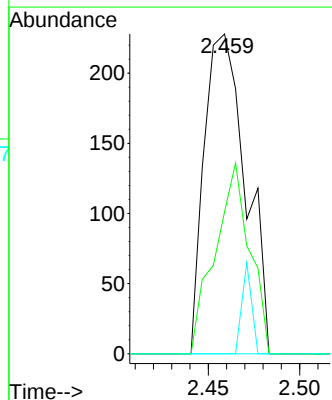
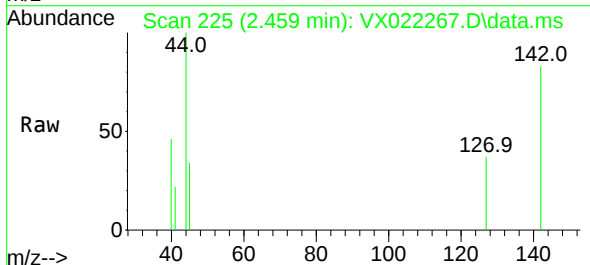
Instrument :
MSVOA_X
ClientSampled :
C0AA2

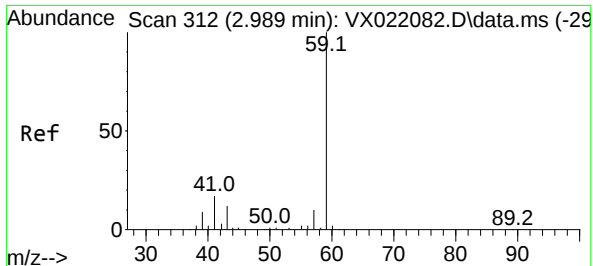
Tgt Ion: 94 Resp: 241
Ion Ratio Lower Upper
94 100
96 32.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.44 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Tgt Ion: 142 Resp: 360
Ion Ratio Lower Upper
142 100
127 50.0 33.3 49.9#
141 6.7 11.4 17.0#



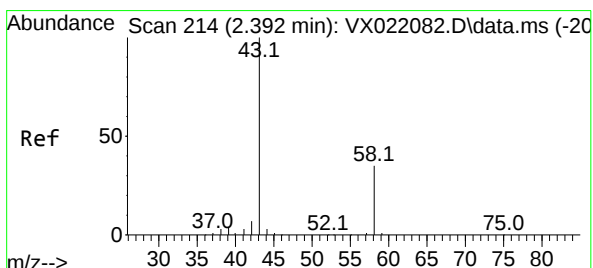
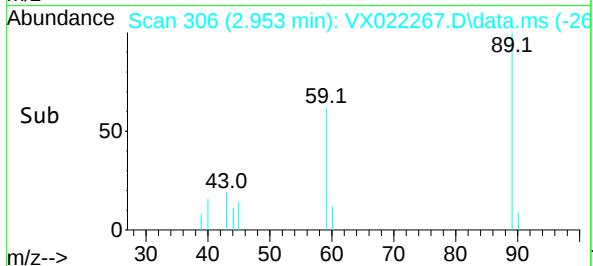
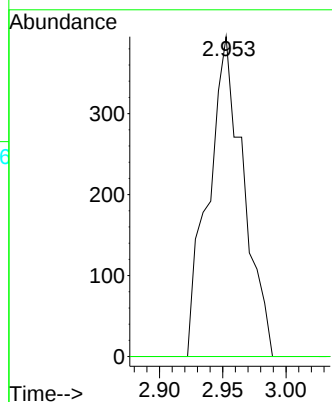
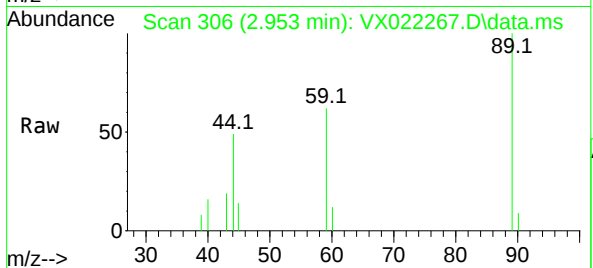


#11

Tert butyl alcohol
Concen: 3.39 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Instrument :
MSVOA_X
ClientSampled :
C0AA2

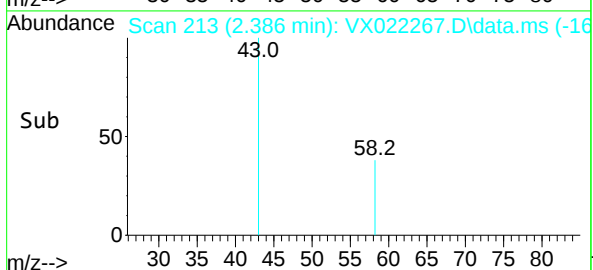
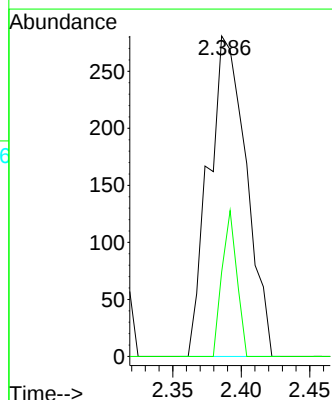
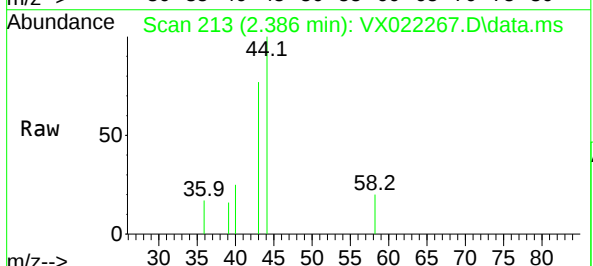
Tgt Ion: 59 Resp: 762
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

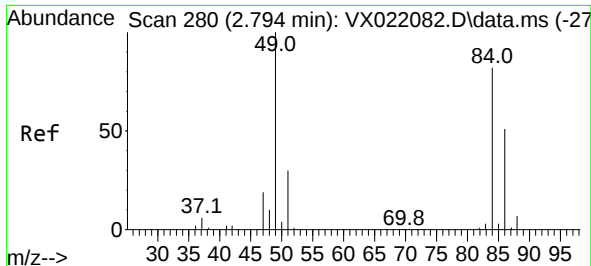


#16

Acetone
Concen: 1.25 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#



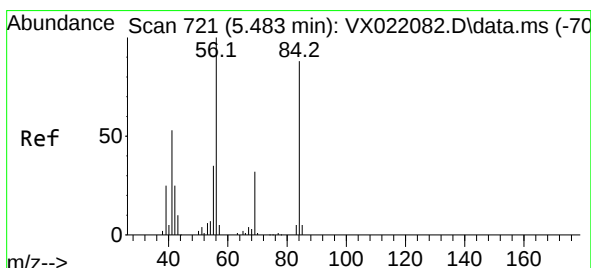
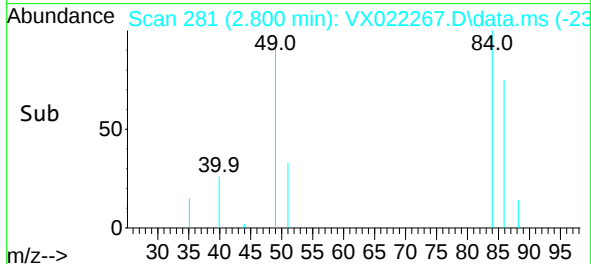
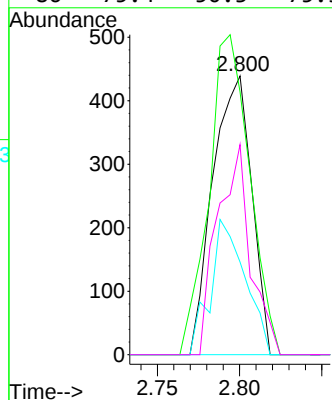
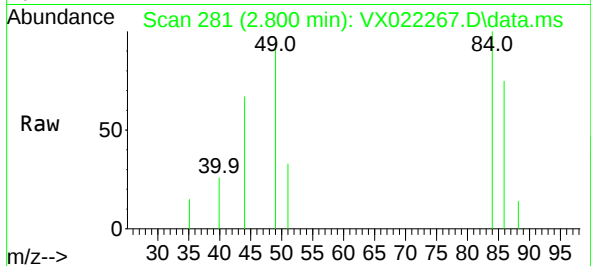


#20
Methylene Chloride
Concen: 0.76 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Instrument :
MSVOA_X
ClientSampled :
C0AA2

Tgt Ion: 84 Resp: 720

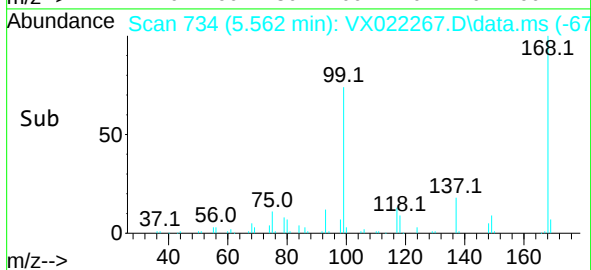
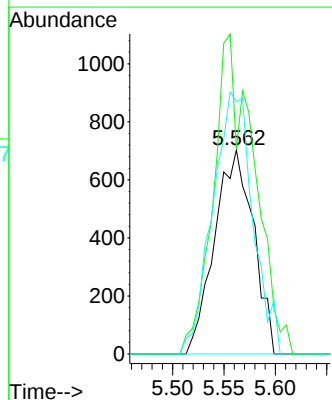
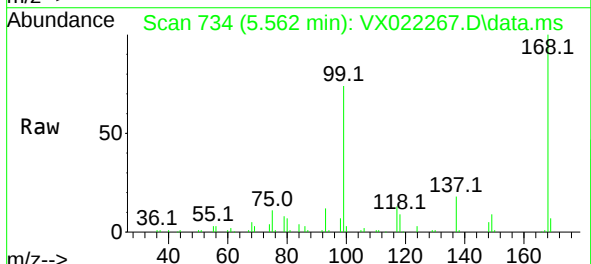
Ion	Ratio	Lower	Upper
84	100		
49	94.3	88.6	132.8
51	33.3	27.0	40.6
86	75.4	50.3	75.5

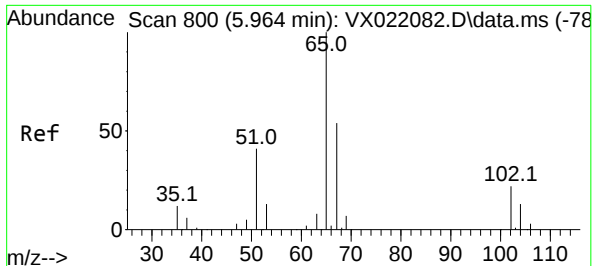


#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Tgt Ion: 56 Resp: 1848

Ion	Ratio	Lower	Upper
56	100		
69	100.4	25.3	37.9#
84	123.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 55.05 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022267.D

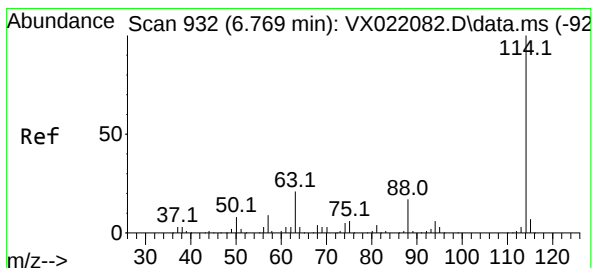
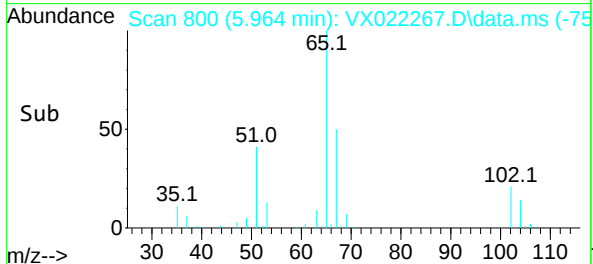
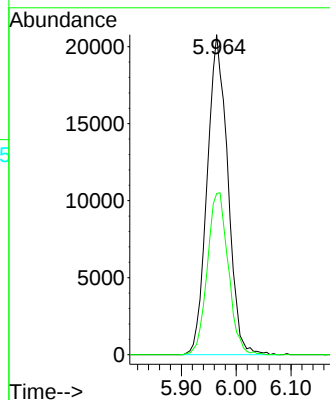
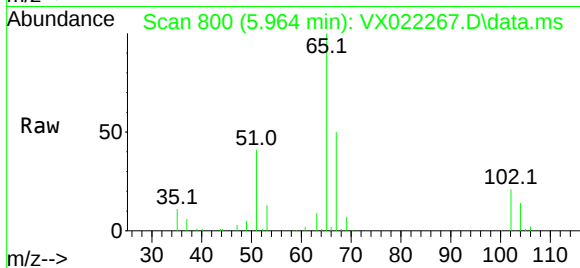
Acq: 28 May 2021 21:58

Tgt Ion: 65 Resp: 54059

Ion Ratio Lower Upper

65 100

67 51.4 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: VX022267.D

Acq: 28 May 2021 21:58

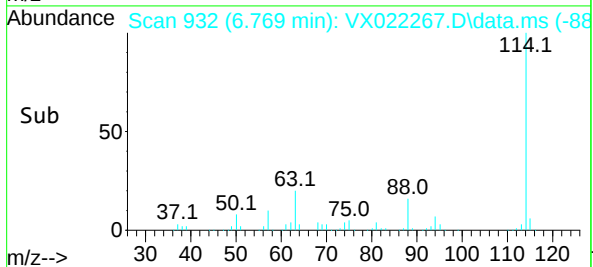
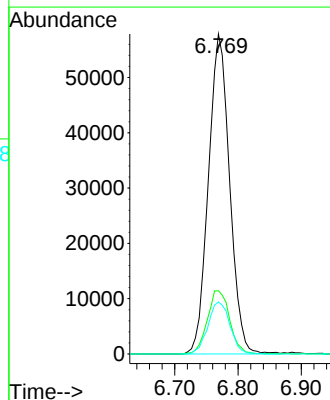
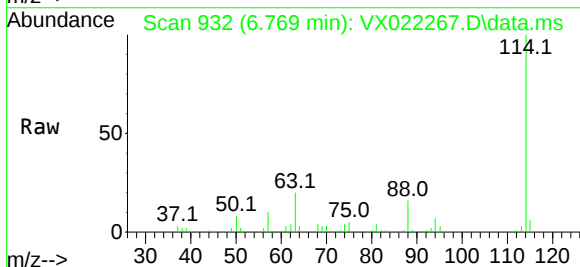
Tgt Ion: 114 Resp: 134777

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.13 ug/l

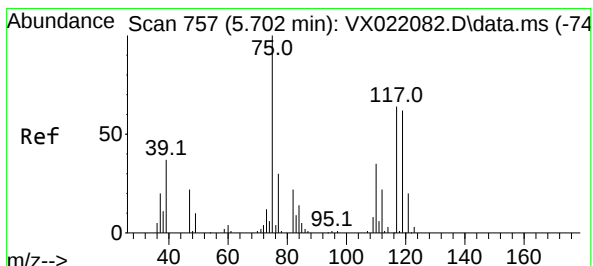
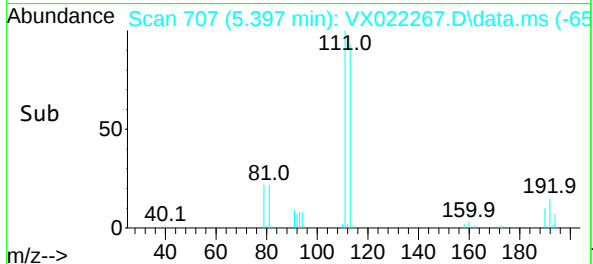
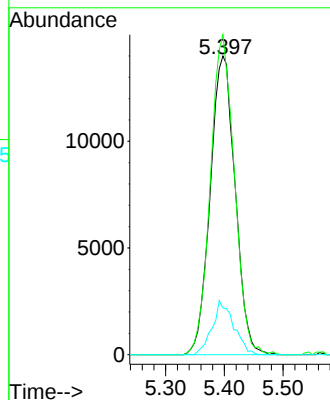
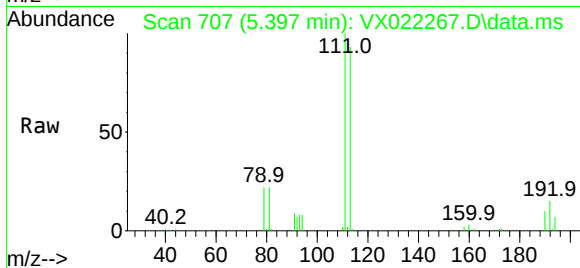
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022267.D

Acq: 28 May 2021 21:58

Tgt Ion:	113	Resp:	41138
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	15.7	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.13 ug/l

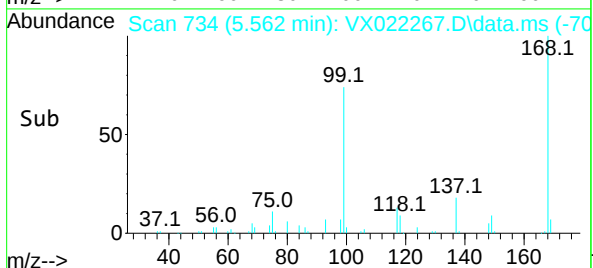
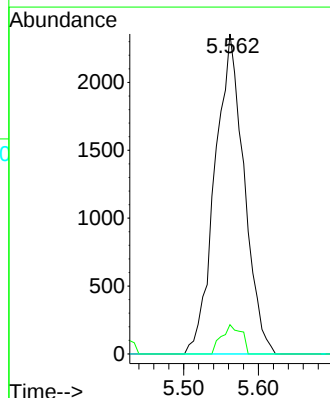
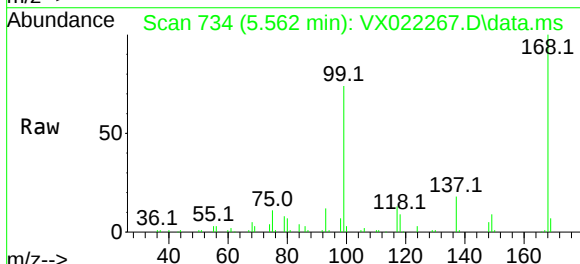
RT: 5.562 min Scan# 734

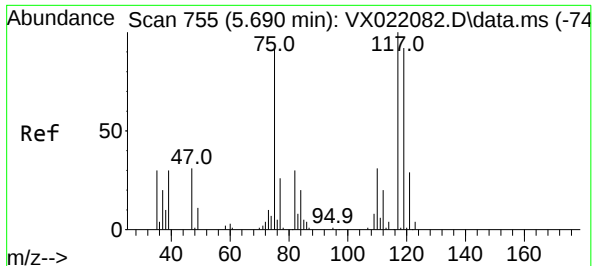
Delta R.T. -0.140 min

Lab File: VX022267.D

Acq: 28 May 2021 21:58

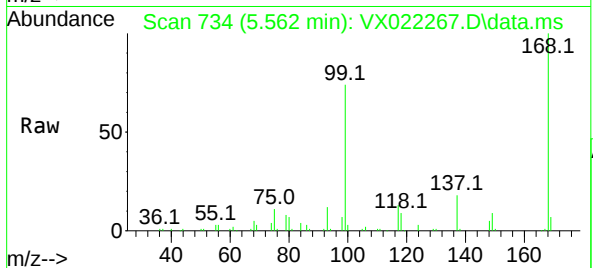
Tgt Ion:	75	Resp:	6388
Ion	Ratio	Lower	Upper
75	100		
110	6.2	18.1	54.4#
77	0.0	25.3	37.9#



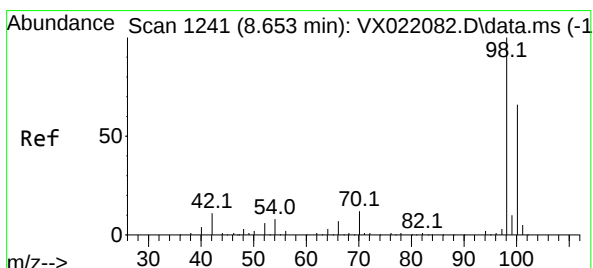
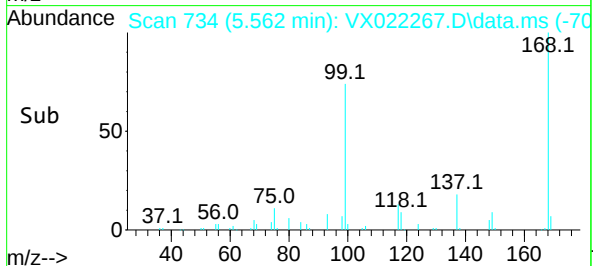
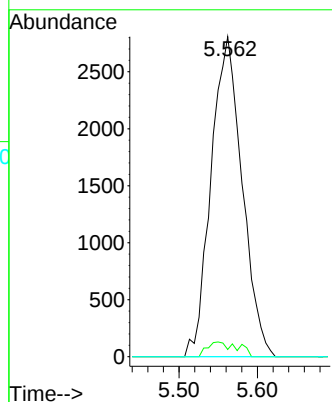


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Instrument :
MSVOA_X
ClientSampleId :
C0AA2

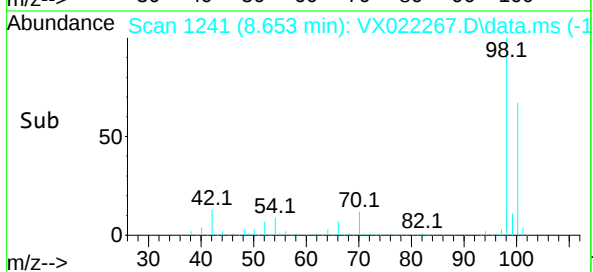
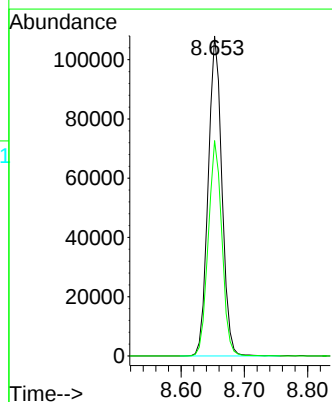
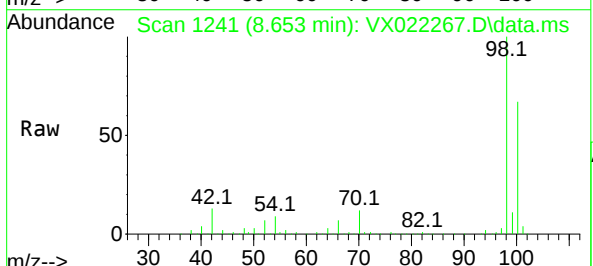


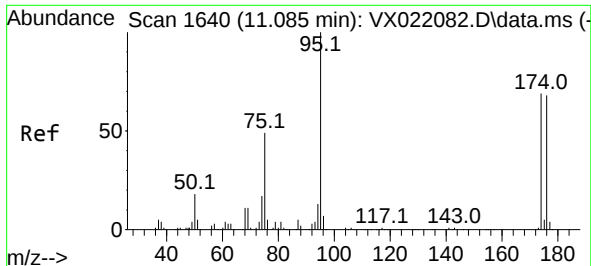
Tgt Ion: 117 Resp: 7738
Ion Ratio Lower Upper
117 100
119 2.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.45 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Tgt Ion: 98 Resp: 162802
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

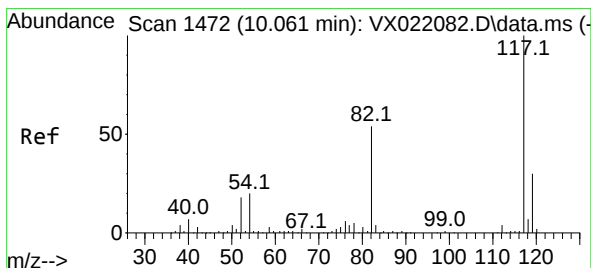
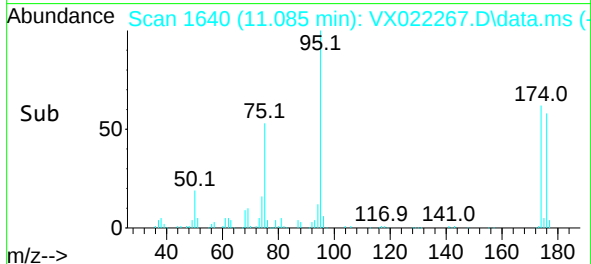
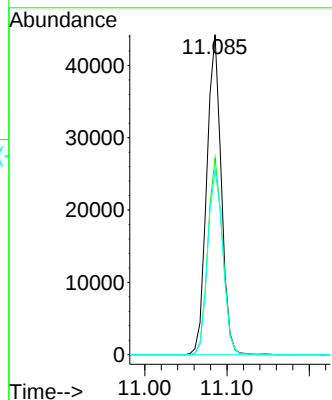
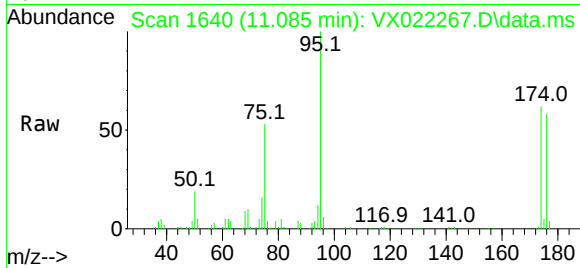




#62
4-Bromofluorobenzene
Concen: 44.60 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

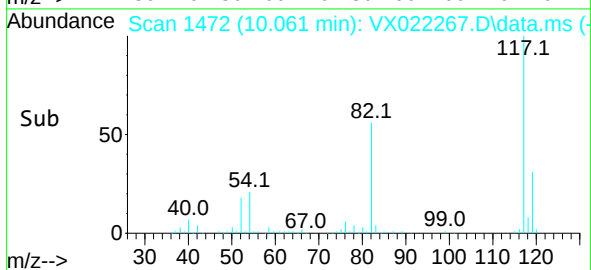
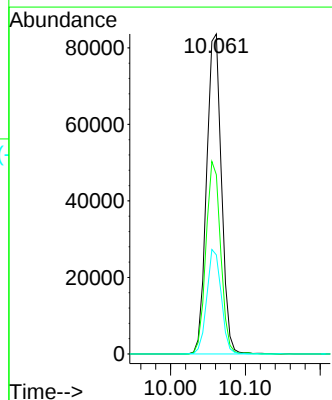
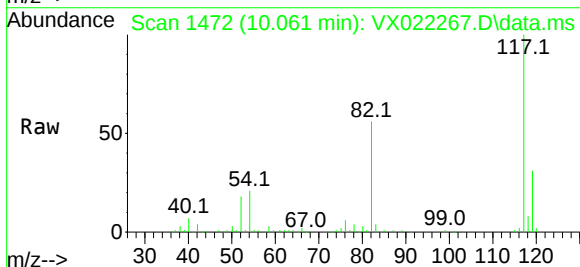
Instrument :
MSVOA_X
ClientSampleId :
C0AA2

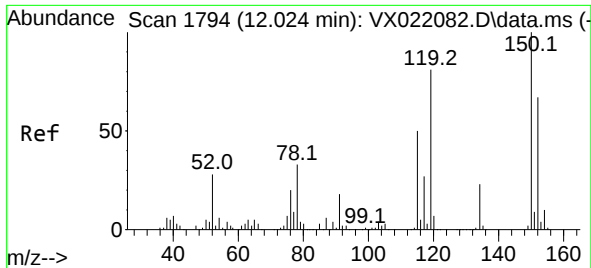
Tgt Ion: 95 Resp: 54273
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022267.D
Acq: 28 May 2021 21:58

Tgt Ion: 117 Resp: 115384
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 30.9 26.6 39.8

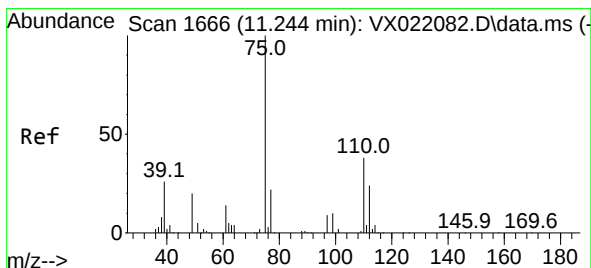
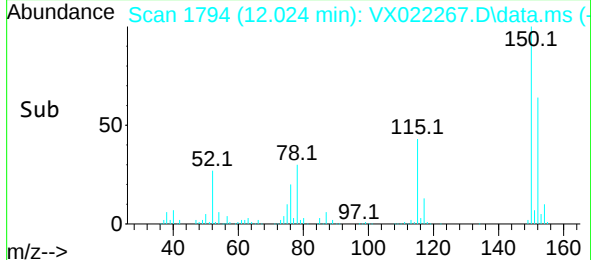
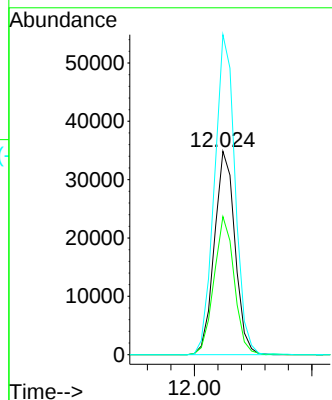
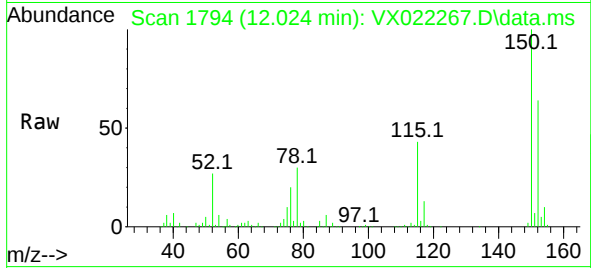




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022267.D
 Acq: 28 May 2021 21:58

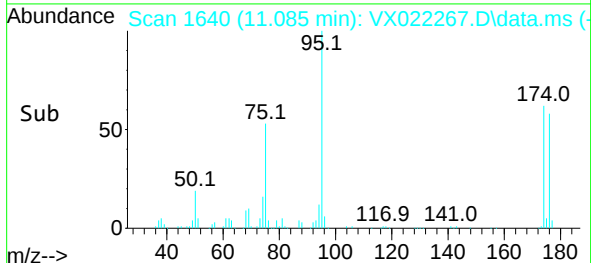
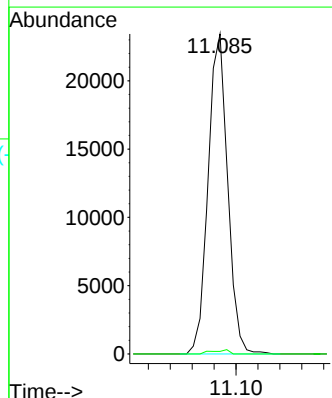
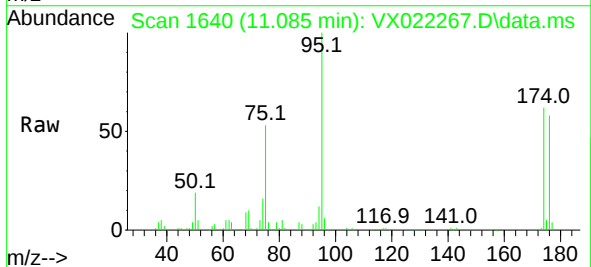
Instrument :
 MSVOA_X
 ClientSampled :
 C0AA2

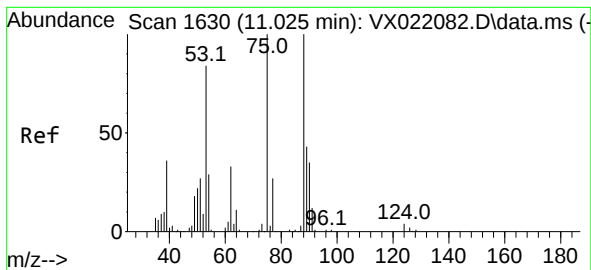
Tgt Ion:152 Resp: 42486
 Ion Ratio Lower Upper
 152 100
 115 66.8 41.1 123.3
 150 157.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.60 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022267.D
 Acq: 28 May 2021 21:58

Tgt Ion: 75 Resp: 28932
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.40 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022267.D
 Acq: 28 May 2021 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AA2

Tgt Ion: 75 Resp: 28932
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

