

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024622.D
 Acq On : 06 Oct 2021 16:58
 Operator : JC/MD
 Sample : M4055-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 07:47:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

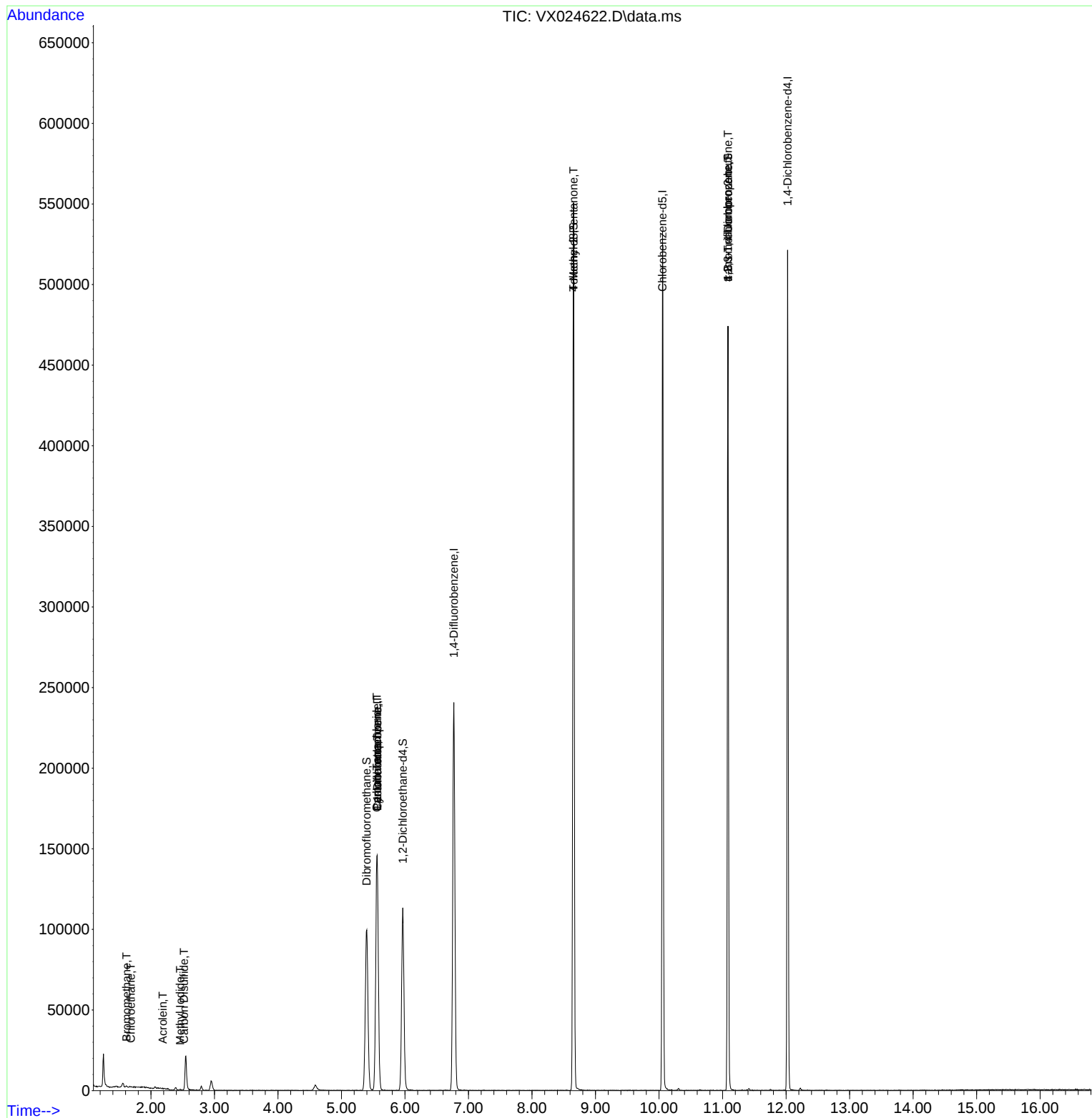
Internal Standards						
1) Pentafluorobenzene	5.562	168	136845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111805	57.97	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.94%
35) Dibromofluoromethane	5.397	113	86581	54.79	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.58%
50) Toluene-d8	8.653	98	316676	54.45	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.90%
62) 4-Bromofluorobenzene	11.085	95	117860	51.54	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.08%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	304	0.33	ug/l #	38
6) Chloroethane	1.684	64	133	0.40	ug/l #	43
10) Methyl Iodide	2.459	142	586	0.31	ug/l #	83
11) Tert butyl alcohol	2.946	59	3553	Below Cal	#	73
13) Acrolein	2.184	56	52	10.54	ug/l #	14
16) Acetone	2.385	43	1708	Below Cal		98
17) Carbon Disulfide	2.520	76	335	0.33	ug/l #	75
20) Methylene Chloride	2.794	84	1080	Below Cal	#	86
31) Cyclohexane	5.562	56	2954	1.28	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	11091	4.86	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13647	5.50	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1413	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	64977	27.26	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	64977	74.15	ug/l #	12

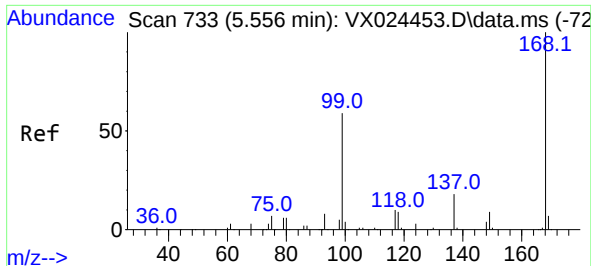
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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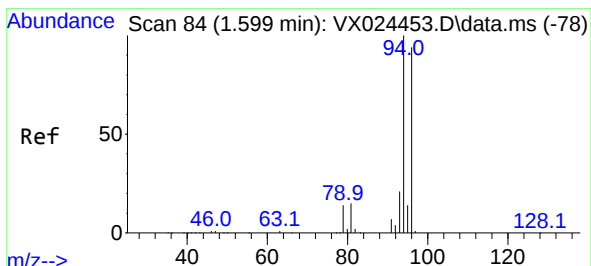
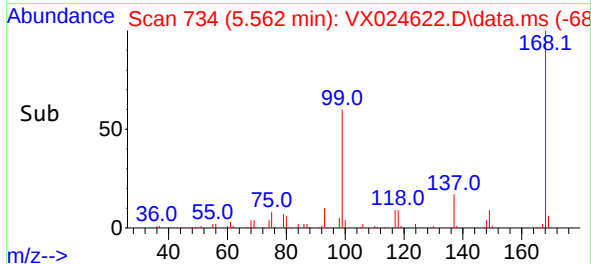
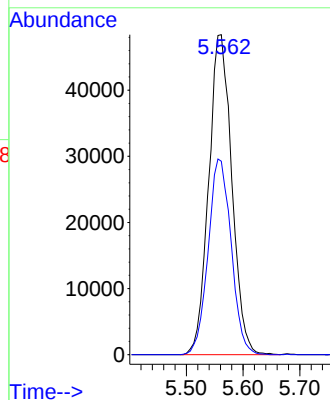
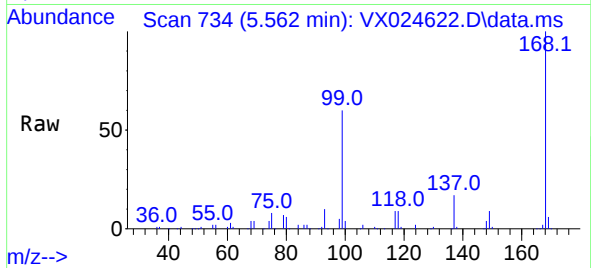




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

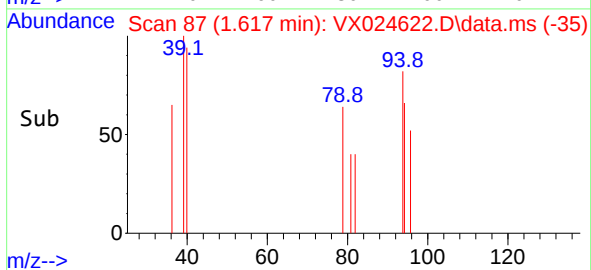
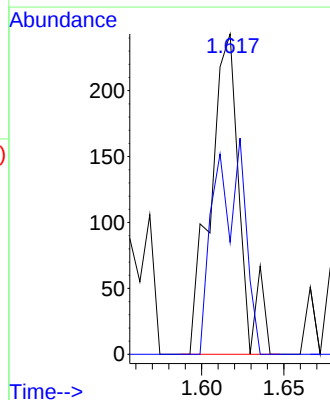
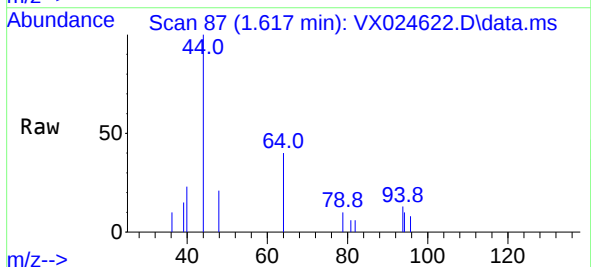
Instrument :
MSVOA_X
ClientSampled :

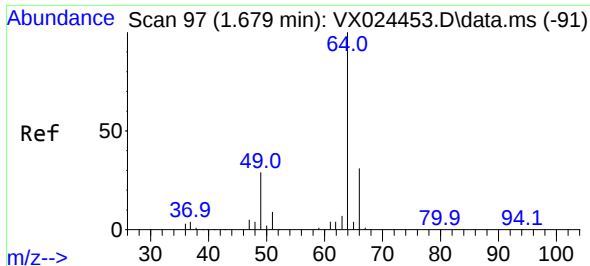
Tgt Ion:168 Resp: 136845
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 35.0 76.4 114.6#

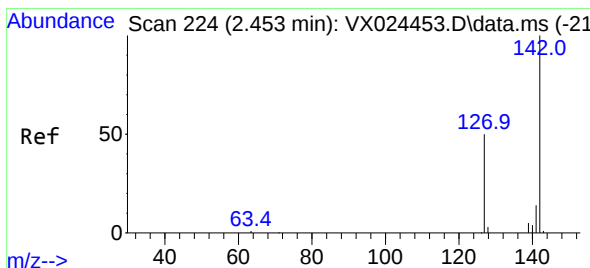
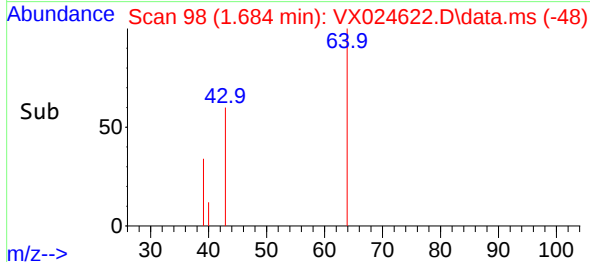
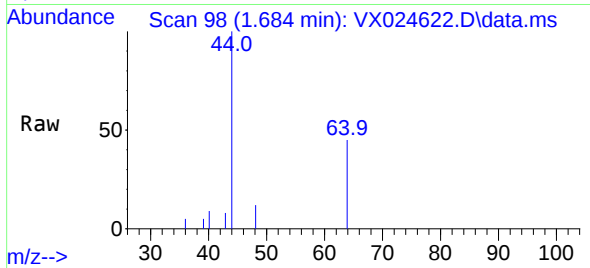




#6
Chloroethane
Concen: 0.40 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

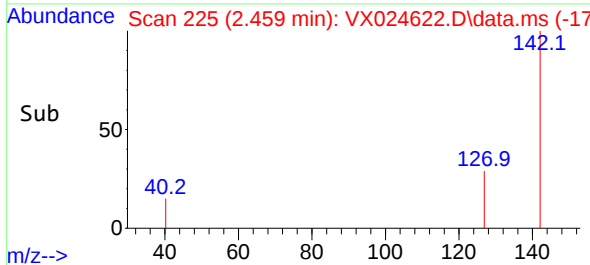
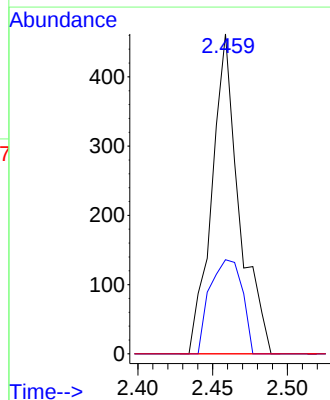
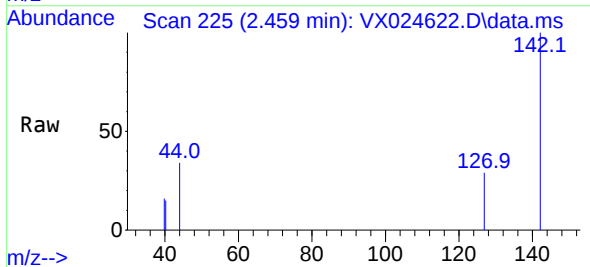
Instrument :
MSVOA_X
ClientSampled :

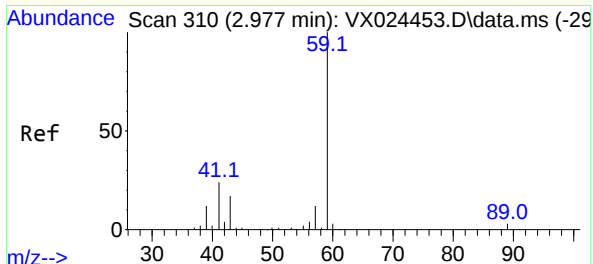
Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.31 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 142 Resp: 586
Ion Ratio Lower Upper
142 100
127 34.8 33.3 49.9
141 0.0 11.4 17.0#

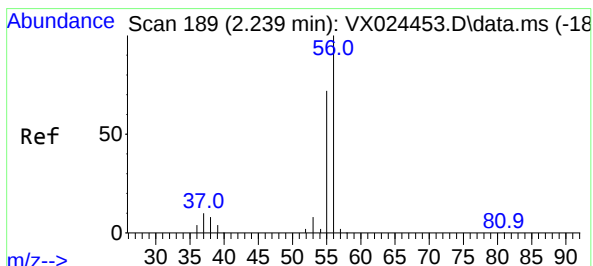
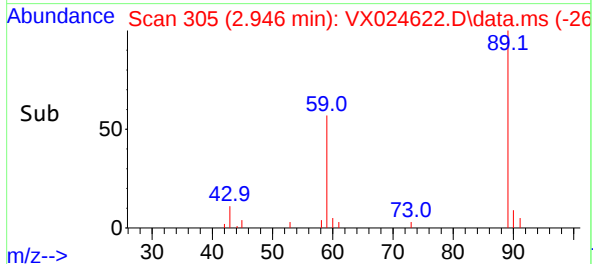
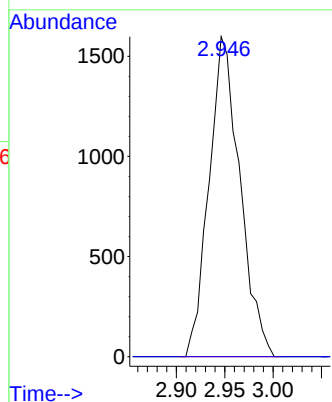
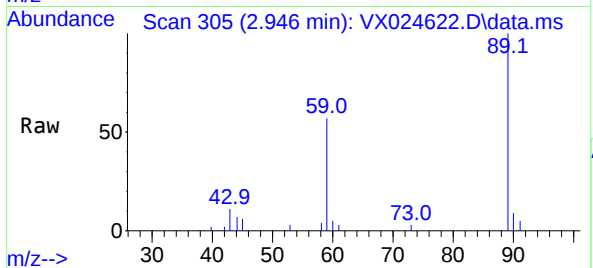




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

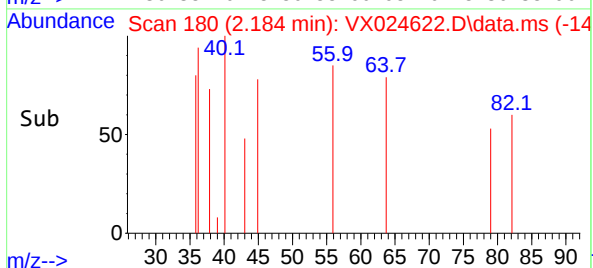
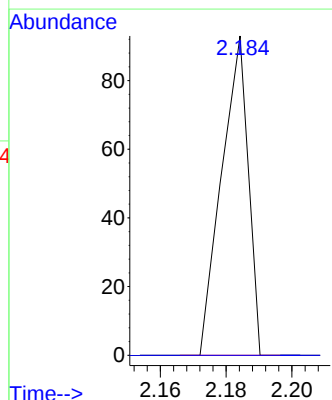
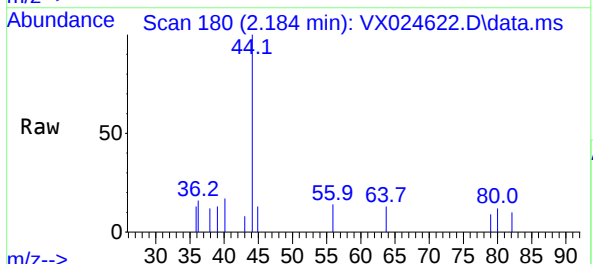
Instrument :
MSVOA_X
ClientSampled :

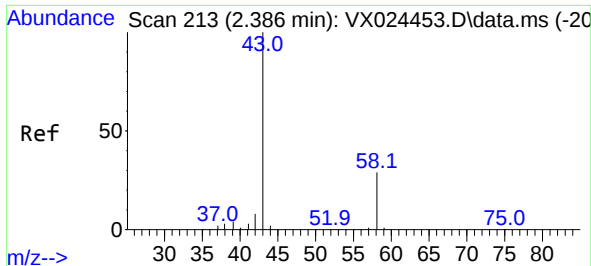
Tgt Ion: 59 Resp: 3553
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 10.54 ug/l
RT: 2.184 min Scan# 180
Delta R.T. -0.055 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

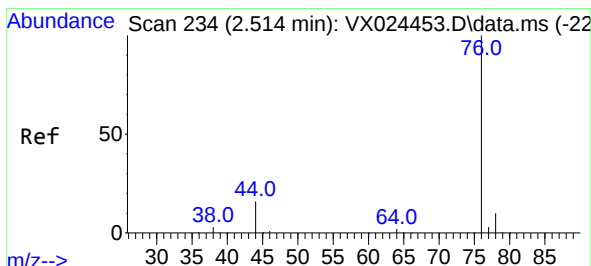
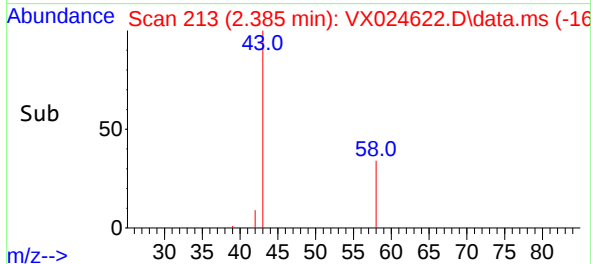
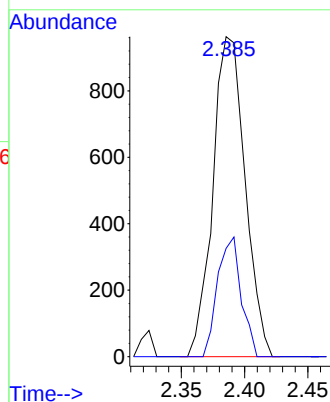
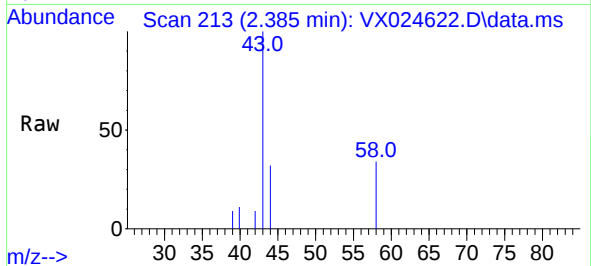




#16
Acetone
Concen: Below Cal
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

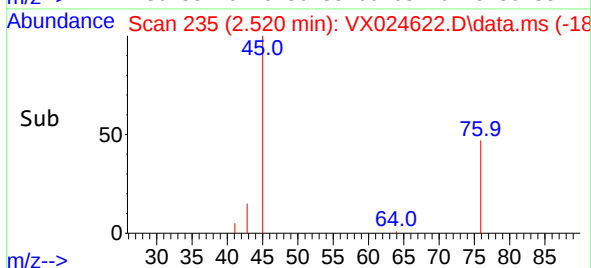
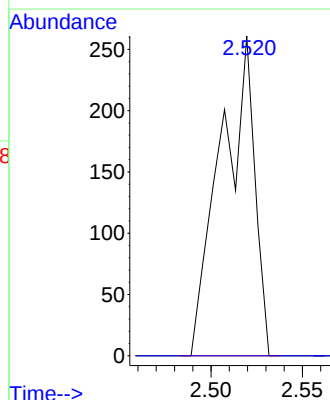
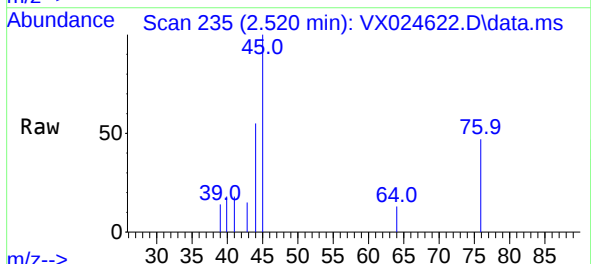
Instrument :
MSVOA_X
ClientSampled :

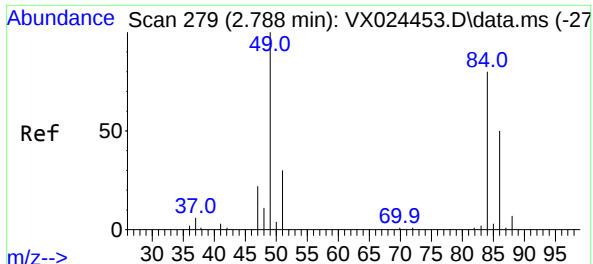
Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 76 Resp: 335
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



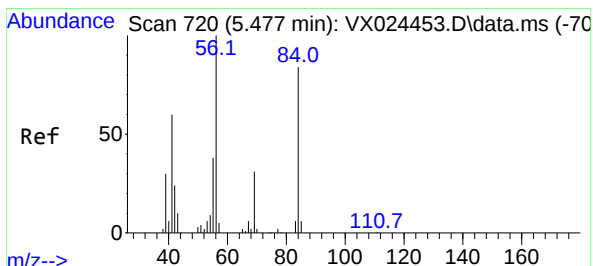
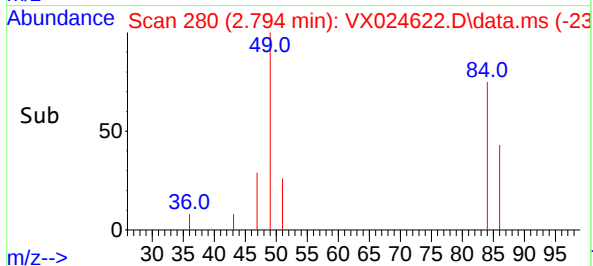
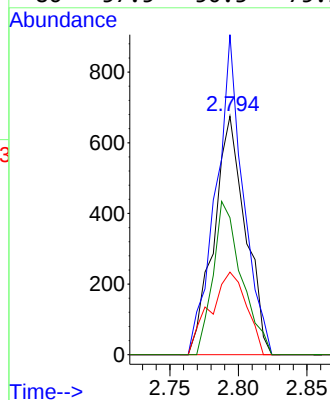
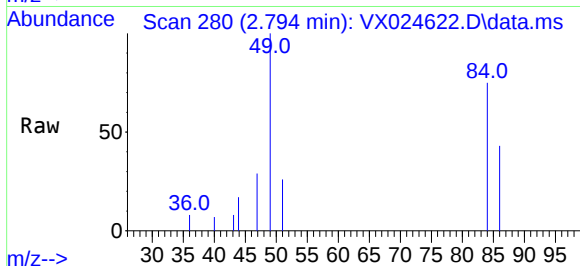


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 1080

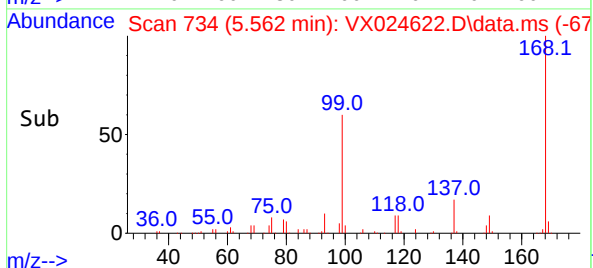
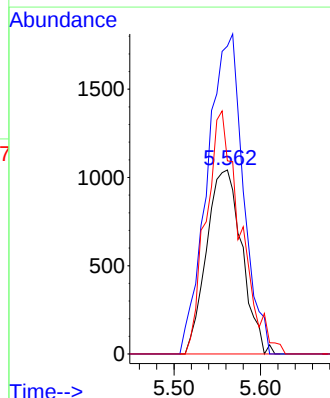
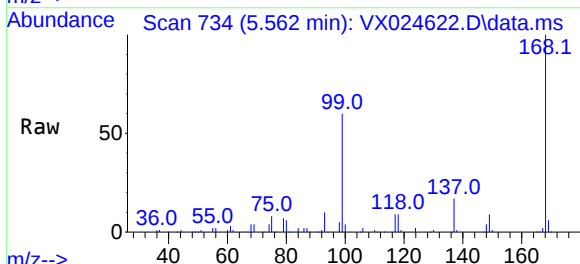
Ion	Ratio	Lower	Upper
84	100		
49	134.2	88.6	132.8#
51	34.7	27.0	40.6
86	57.5	50.3	75.5

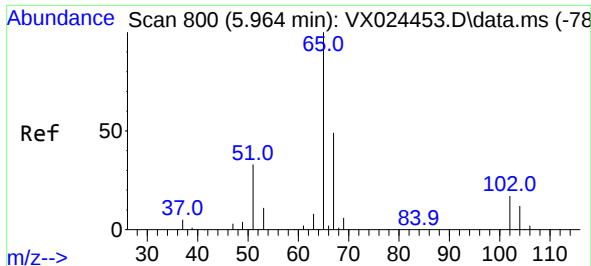


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 56 Resp: 2954

Ion	Ratio	Lower	Upper
56	100		
69	167.2	25.3	37.9#
84	104.9	71.4	107.0



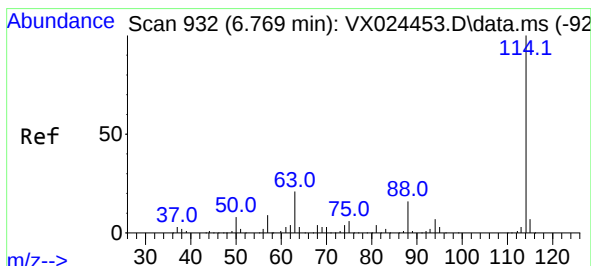
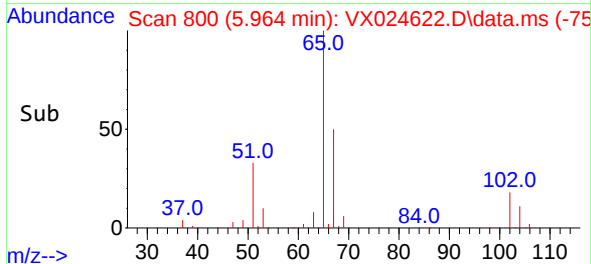
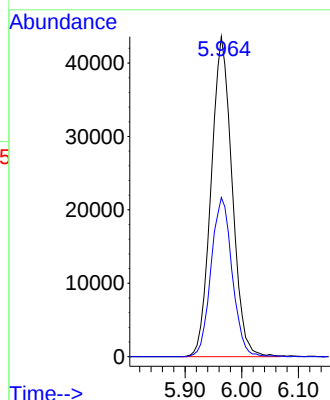
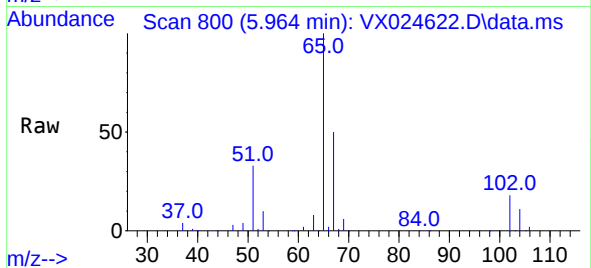


#33

1,2-Dichloroethane-d4
Concen: 57.97 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Instrument :
MSVOA_X
ClientSampleId :

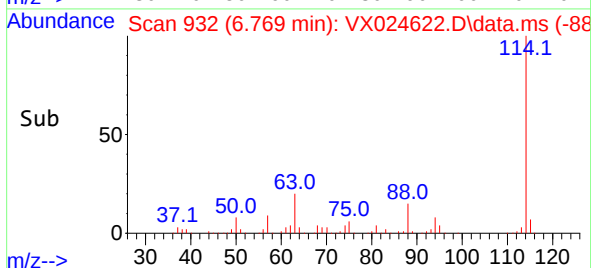
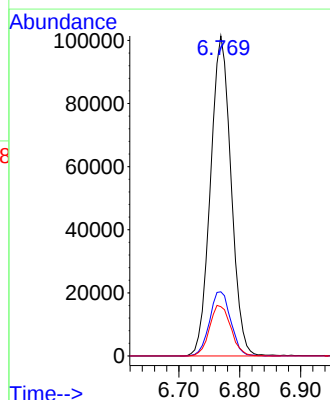
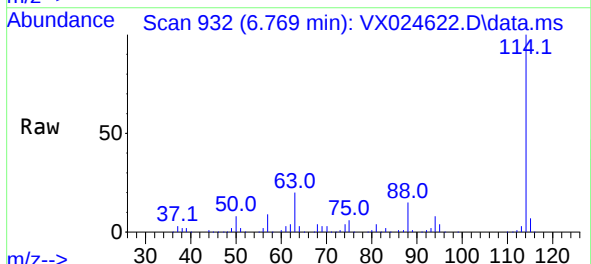
Tgt Ion: 65 Resp: 111805
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

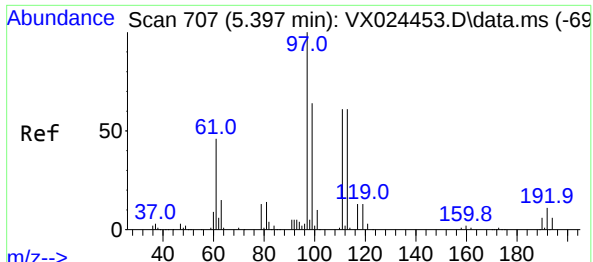


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 114 Resp: 237860
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.79 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024622.D

Acq: 06 Oct 2021 16:58

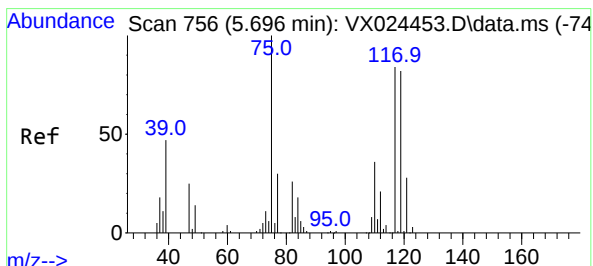
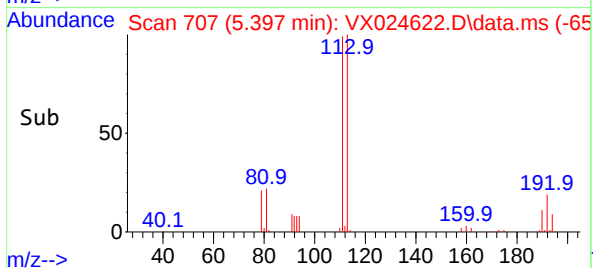
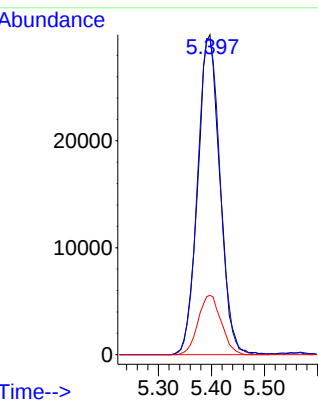
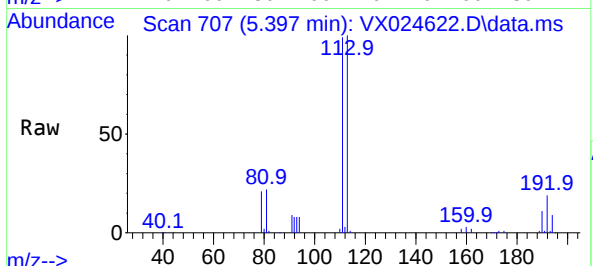
Tgt Ion:113 Resp: 86581

Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.86 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX024622.D

Acq: 06 Oct 2021 16:58

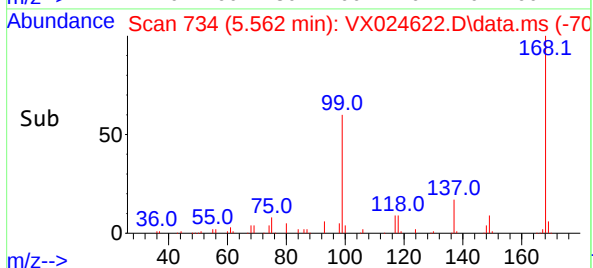
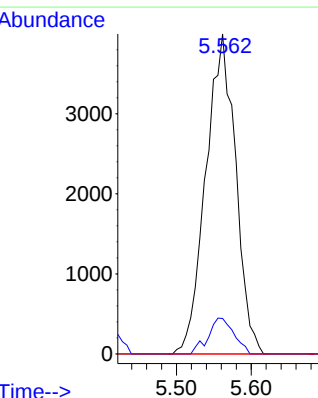
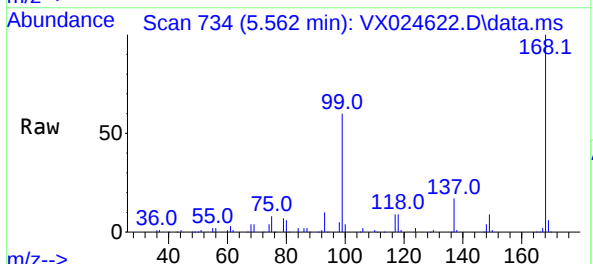
Tgt Ion: 75 Resp: 11091

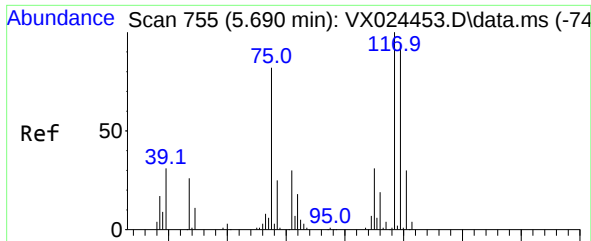
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

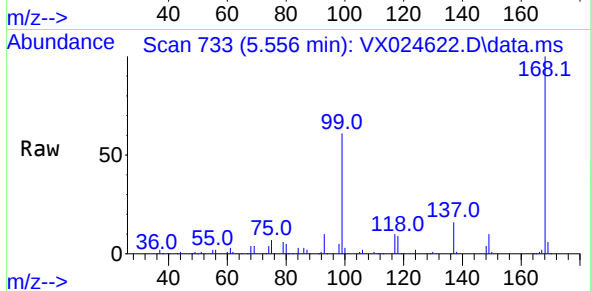
77 0.0 25.3 37.9#



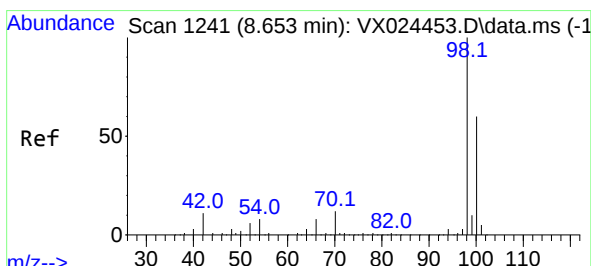
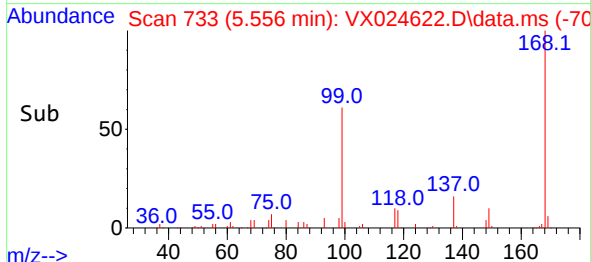
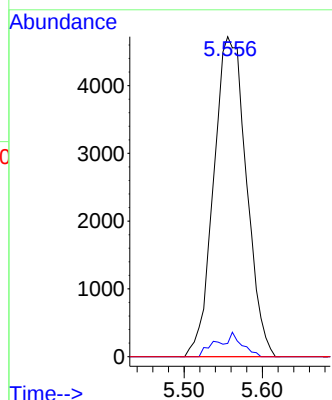


#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Instrument :
MSVOA_X
ClientSampleId :

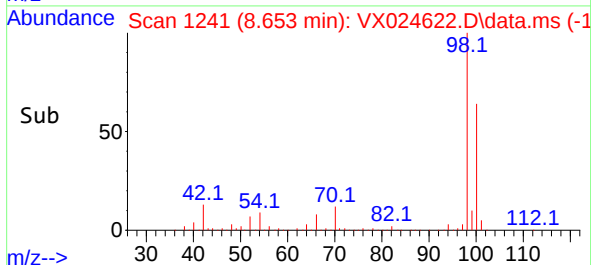
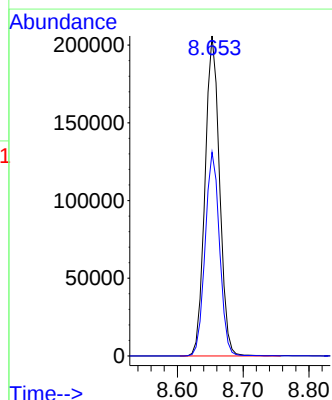
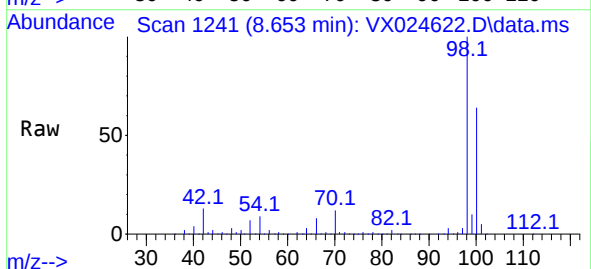


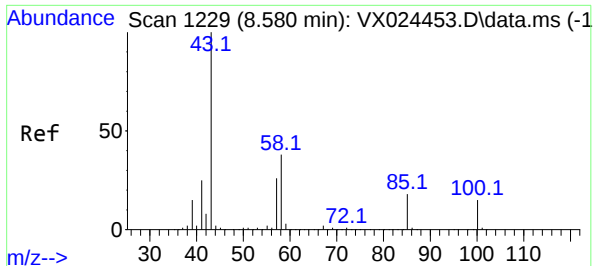
Tgt Ion:117 Resp: 13647
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.45 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 98 Resp: 316676
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

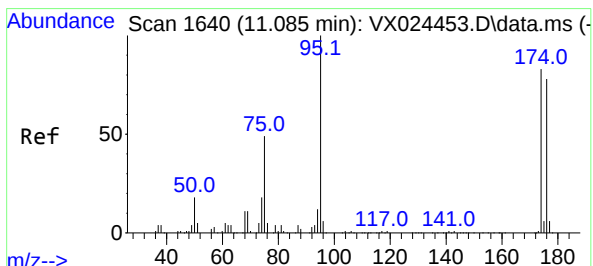
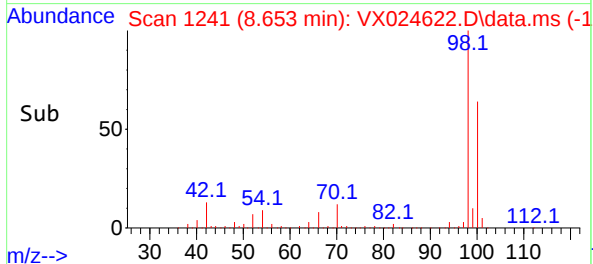
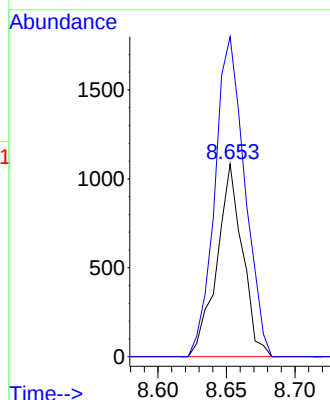
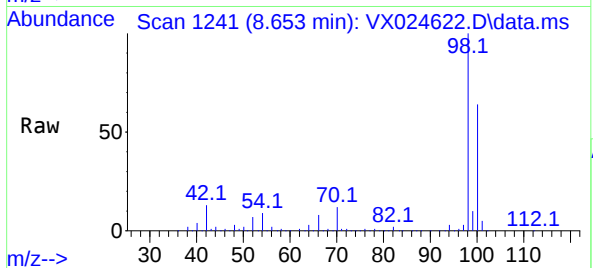




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

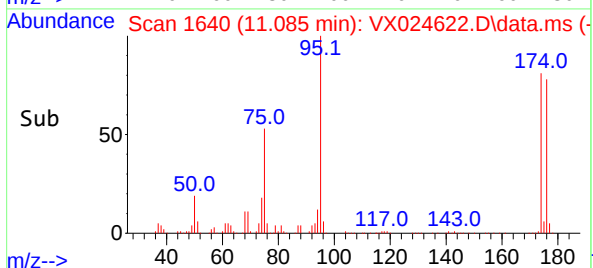
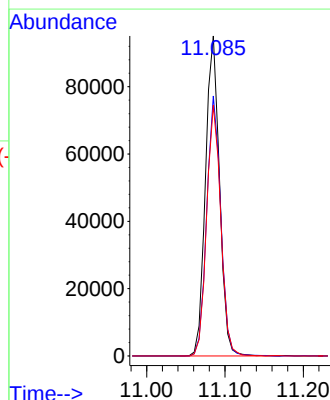
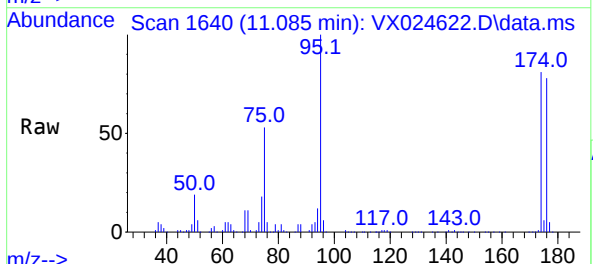
Instrument :
MSVOA_X
ClientSampled :

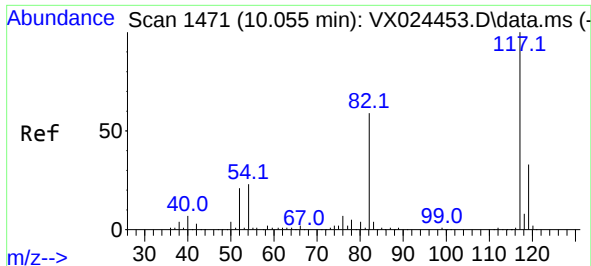
Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 193.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 51.54 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 95 Resp: 117860
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 79.0 0.0 155.8

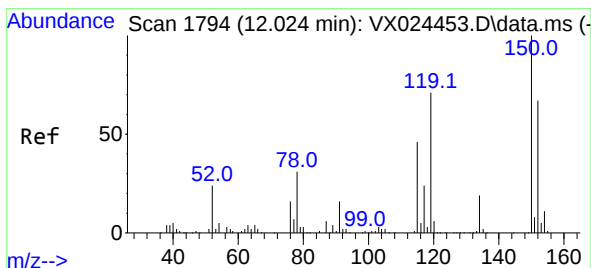
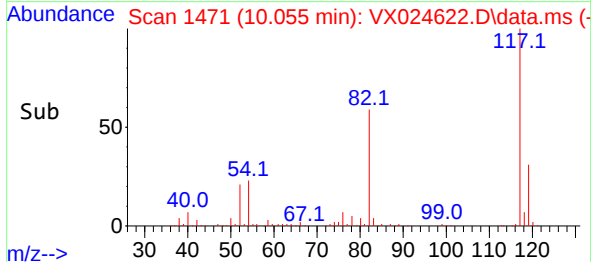
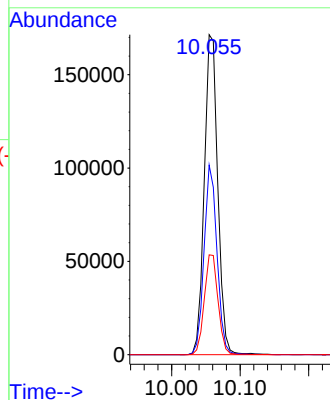
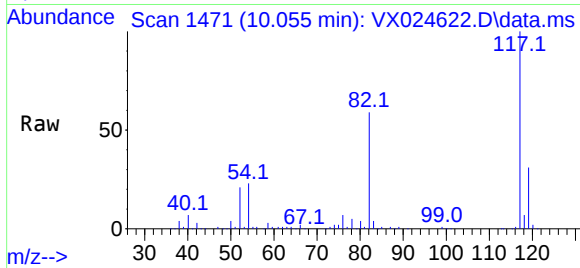




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

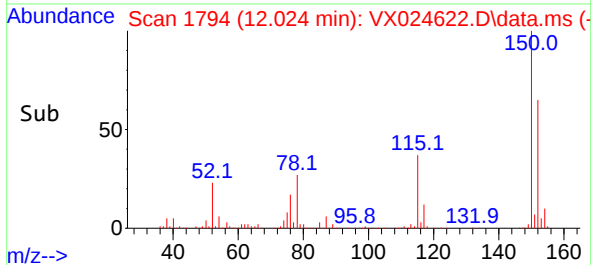
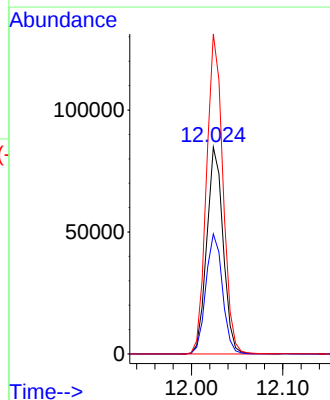
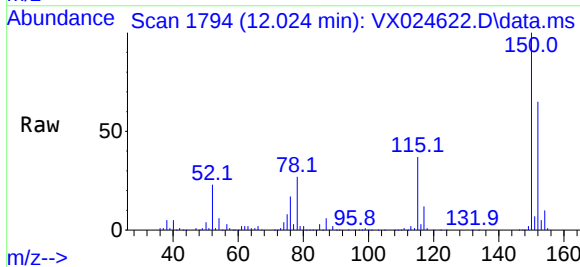
Instrument :
MSVOA_X
ClientSampled :

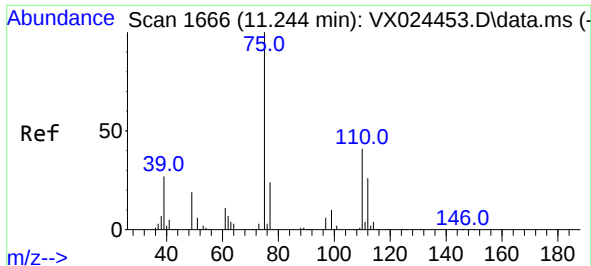
Tgt Ion:117 Resp: 235147
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion:152 Resp: 104975
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 155.2 0.0 349.0

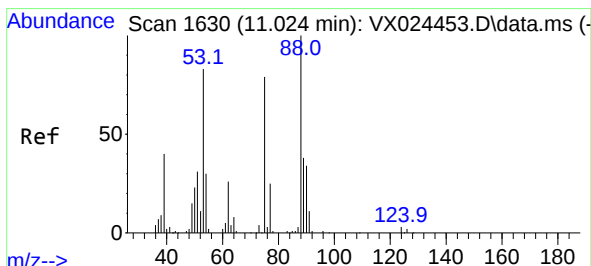
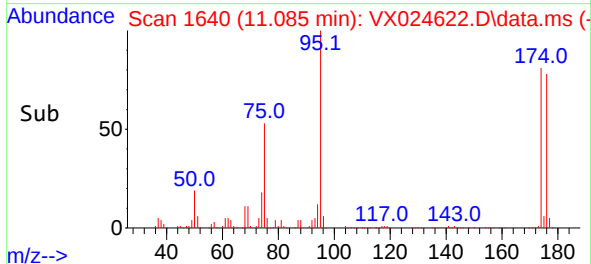
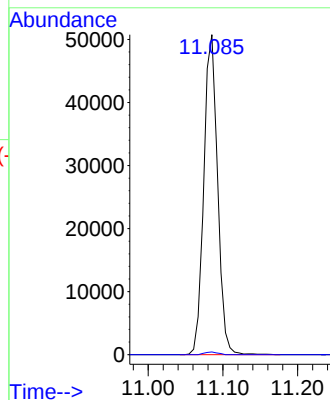
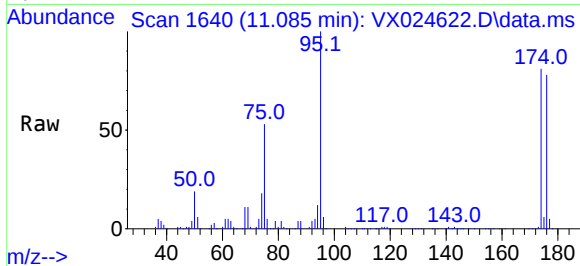




#76
1,2,3-Trichloropropane
Concen: 27.26 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 64977
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.15 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024622.D
Acq: 06 Oct 2021 16:58

Tgt Ion: 75 Resp: 64977
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

