

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023427.D
 Acq On : 23 Jul 2021 16:35
 Operator : JC/MD
 Sample : M3146-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:45:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

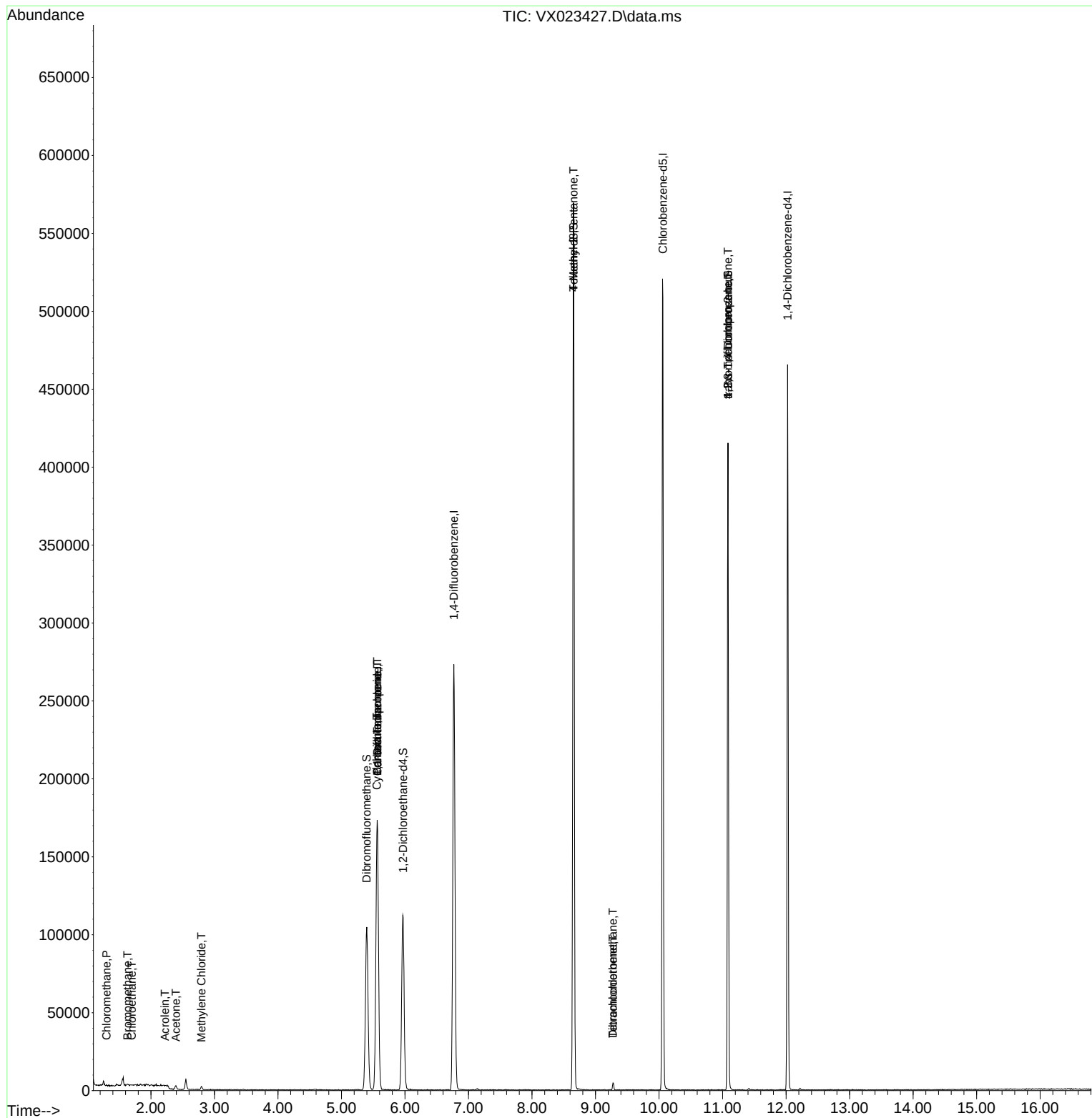
Internal Standards						
1) Pentafluorobenzene	5.562	168	167119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	283243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	239569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	107885	51.752	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.500%
35) Dibromofluoromethane	5.397	113	90027	50.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	8.653	98	331426	50.937	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%
62) 4-Bromofluorobenzene	11.085	95	102681	46.410	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	410	0.229	ug/l #	86
5) Bromomethane	1.630	94	274	0.255	ug/l #	55
6) Chloroethane	1.697	64	288	0.259	ug/l #	43
13) Acrolein	2.221	56	130	1.898	ug/l #	58
16) Acetone	2.392	43	2784	2.722	ug/l	98
20) Methylene Chloride	2.794	84	809	0.407	ug/l #	69
31) Cyclohexane	5.556	56	3704	1.199	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	13181	5.144	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16644	6.387	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1696	0.554	ug/l #	1
60) Dibromochloromethane	9.275	129	834	2.362	ug/l #	11
64) Tetrachloroethene	9.275	164	817	0.428	ug/l #	84
76) 1,2,3-Trichloropropane	11.085	75	53408	25.869	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	53408	69.558	ug/l #	12

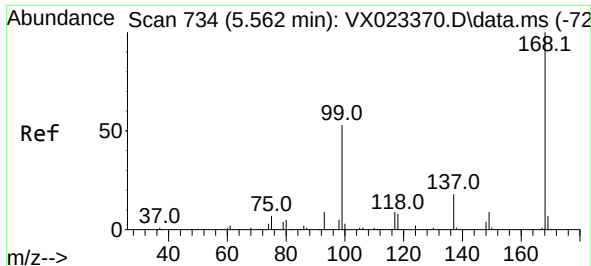
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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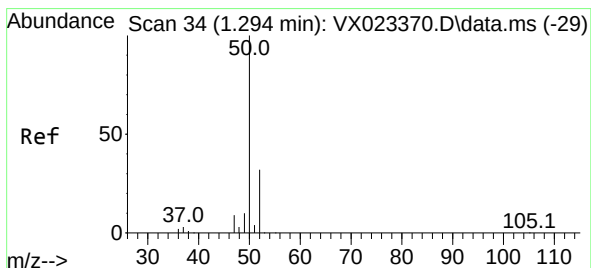
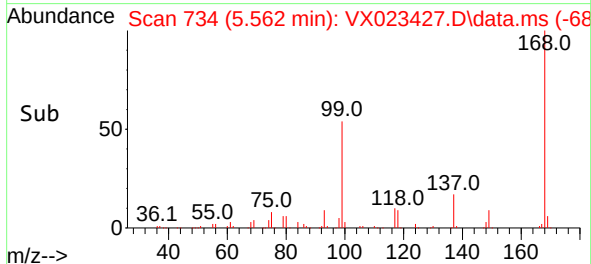
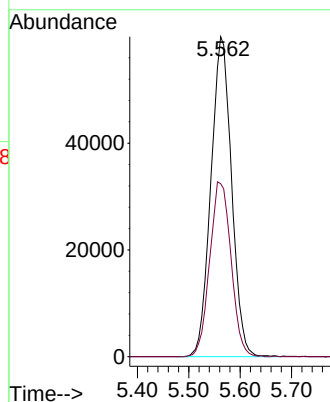
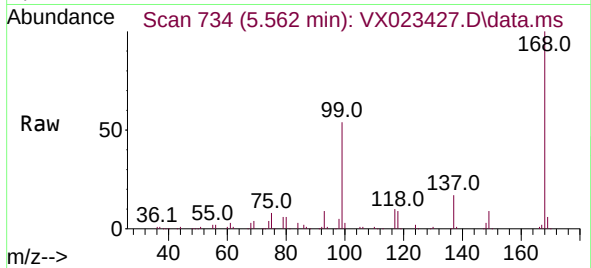




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

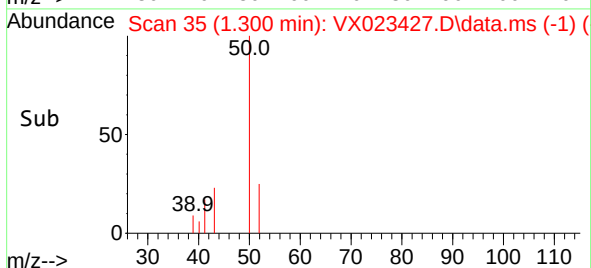
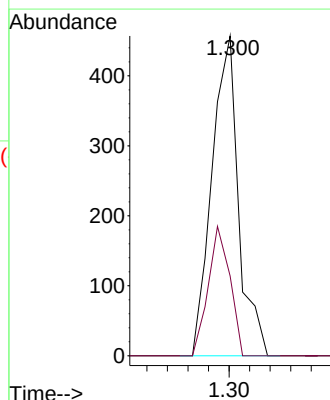
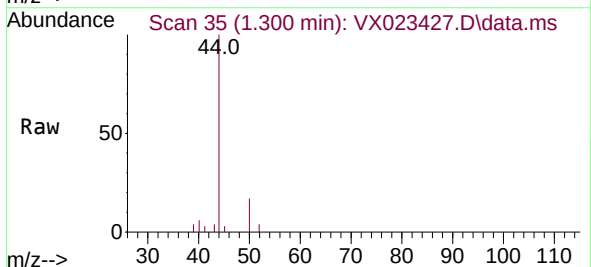
Instrument :
MSVOA_X
ClientSampled :

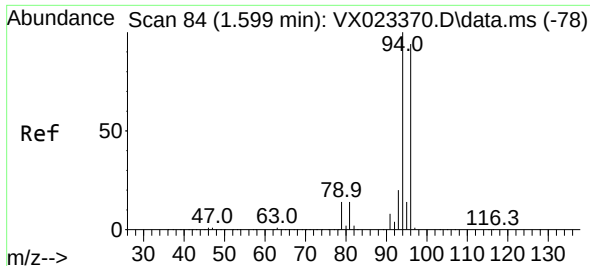
Tgt Ion:168 Resp: 167119
Ion Ratio Lower Upper
168 100
99 54.1 45.8 68.6



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Tgt Ion: 50 Resp: 410
Ion Ratio Lower Upper
50 100
52 24.9 26.4 39.6#

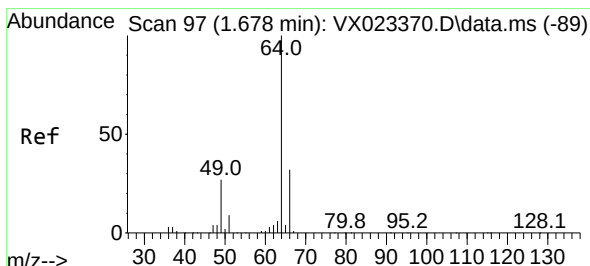
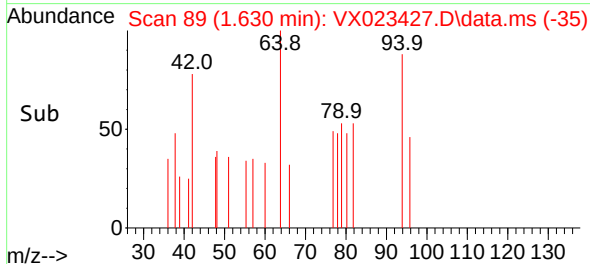
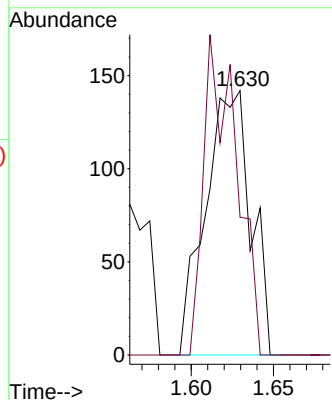
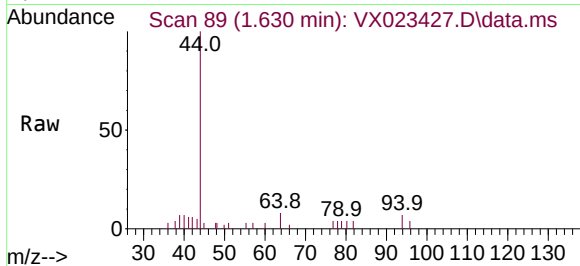




#5
Bromomethane
Concen: 0.255 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

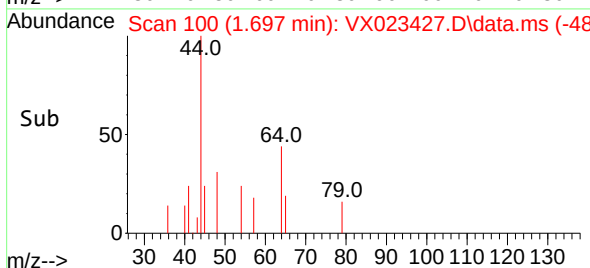
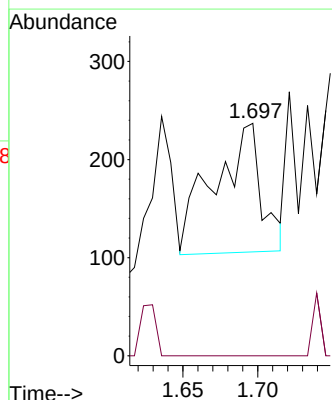
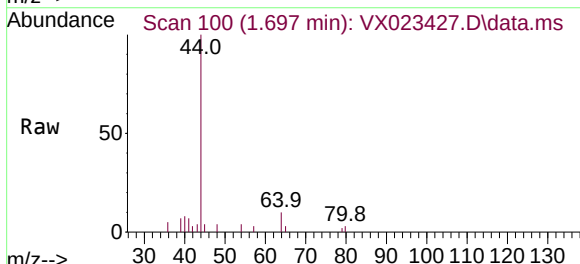
Instrument :
MSVOA_X
ClientSampled :

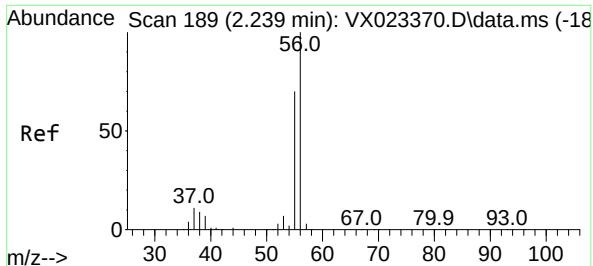
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 52.1 76.4 114.6#



#6
Chloroethane
Concen: 0.259 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

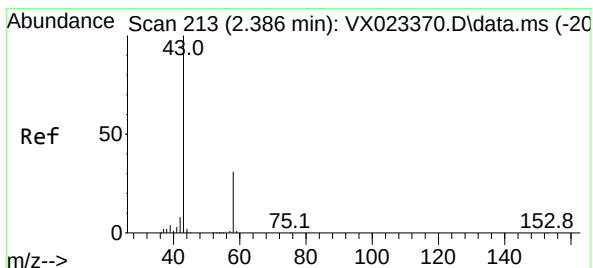
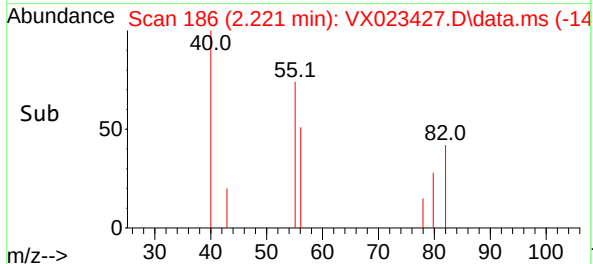
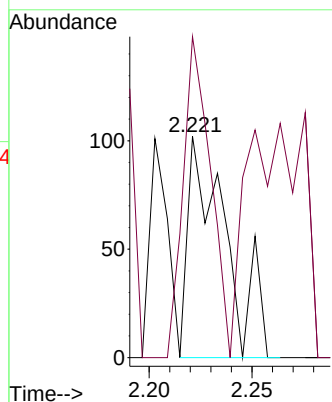
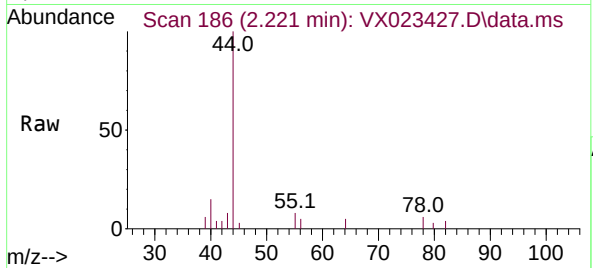




#13
Acrolein
Concen: 1.898 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

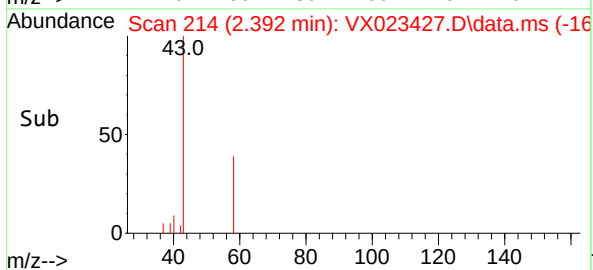
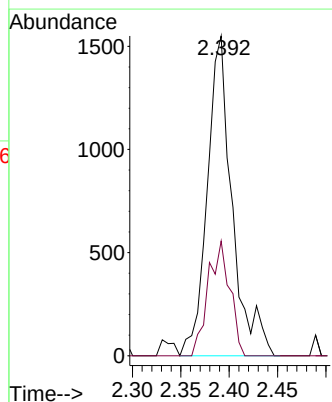
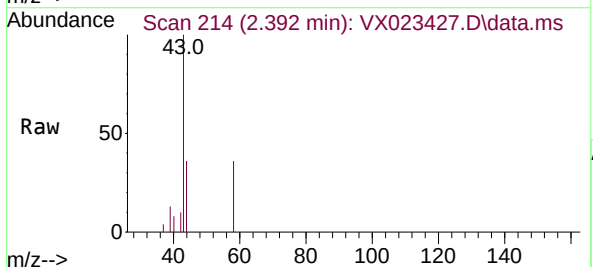
Instrument :
MSVOA_X
ClientSampled :

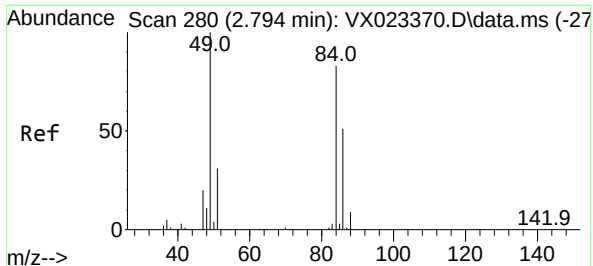
Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 105.4 56.4 84.6#



#16
Acetone
Concen: 2.722 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Tgt Ion: 43 Resp: 2784
Ion Ratio Lower Upper
43 100
58 35.9 27.8 41.8



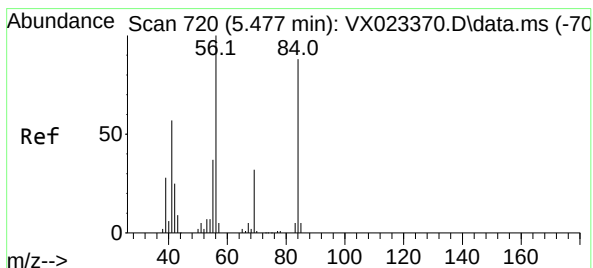
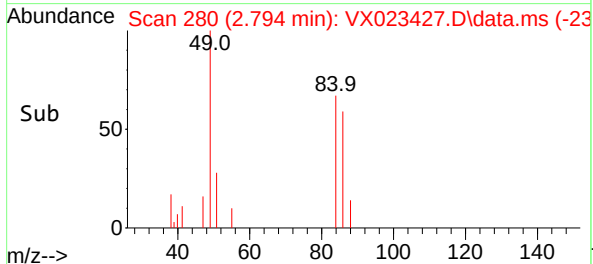
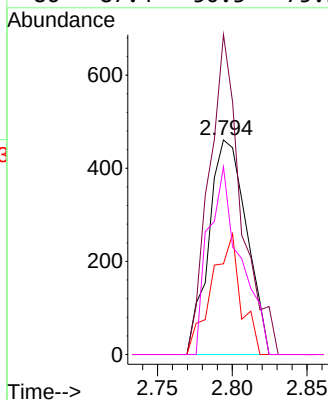
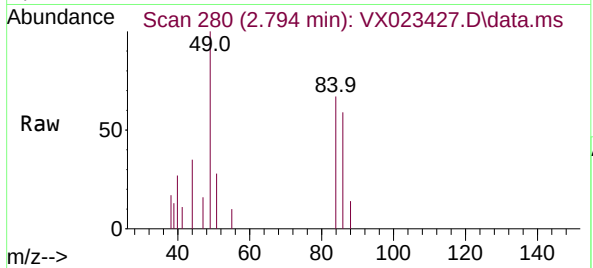


#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 809

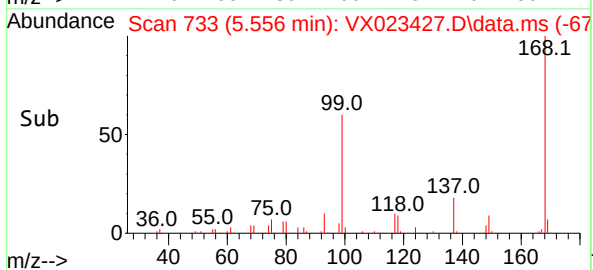
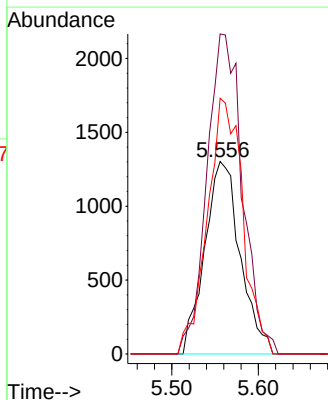
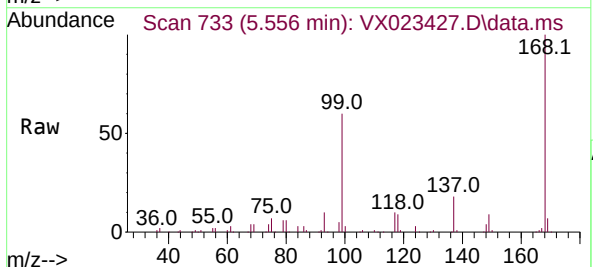
Ion	Ratio	Lower	Upper
84	100		
49	149.0	88.6	132.8#
51	42.3	27.0	40.6#
86	87.4	50.3	75.5#

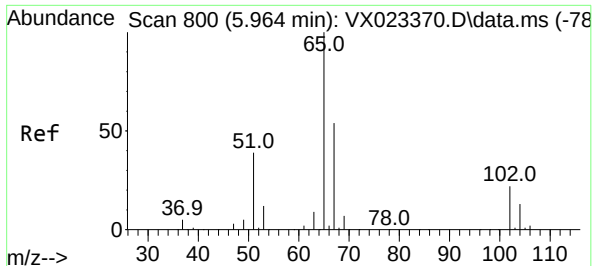


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Tgt Ion: 56 Resp: 3704

Ion	Ratio	Lower	Upper
56	100		
69	166.2	25.3	37.9#
84	132.8	71.4	107.0#



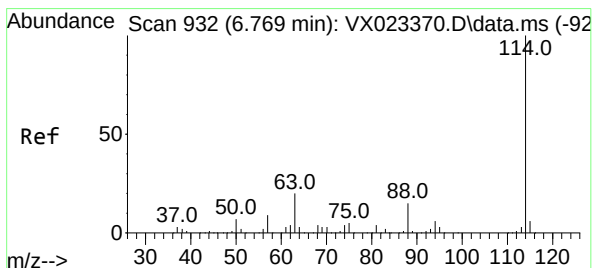
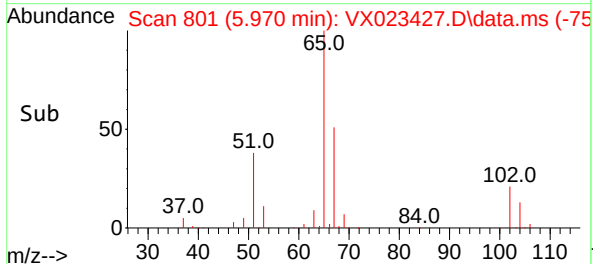
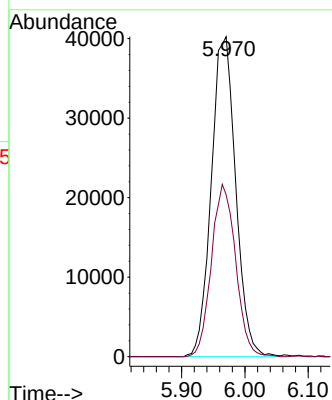
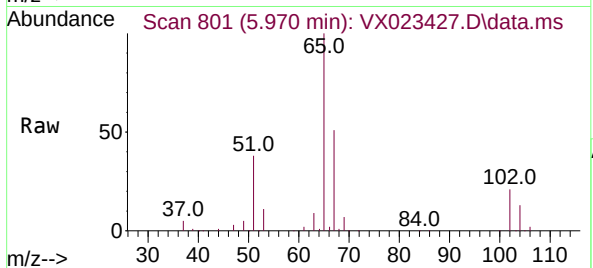


#33

1,2-Dichloroethane-d4
Concen: 51.752 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Instrument :
MSVOA_X
ClientSampled :

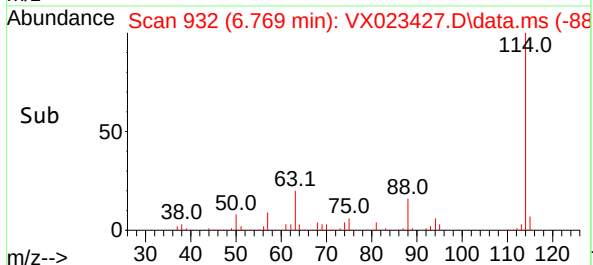
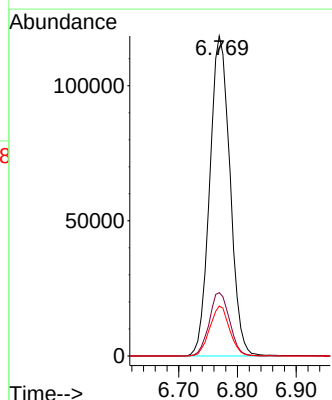
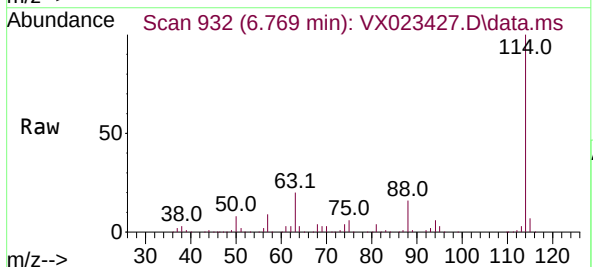
Tgt Ion: 65 Resp: 107885
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

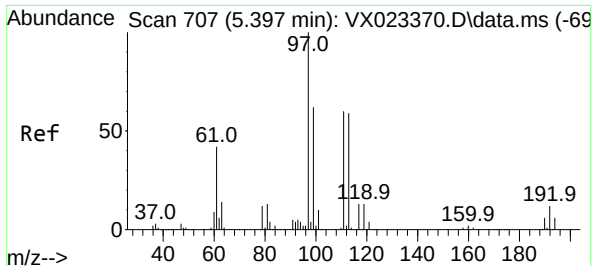


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Tgt Ion: 114 Resp: 283243
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.835 ug/l

RT: 5.397 min Scan# 707

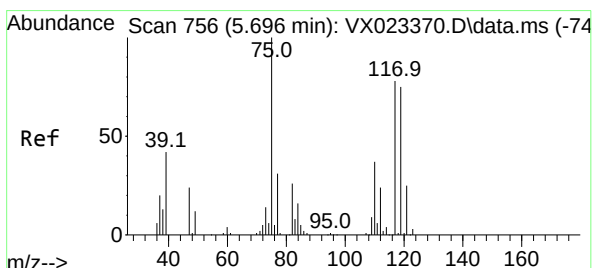
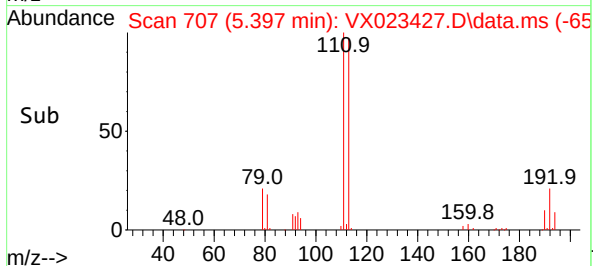
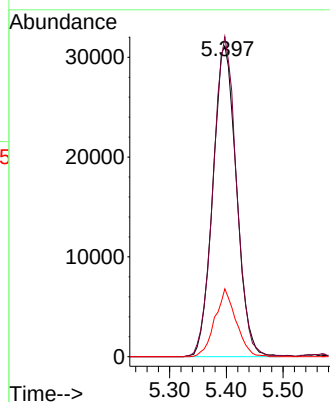
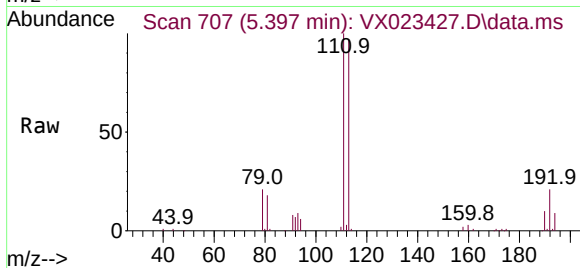
Delta R.T. 0.000 min

Lab File: VX023427.D

Acq: 23 Jul 2021 16:35

Tgt Ion:	113	Resp:	90027
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	19.6	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.144 ug/l

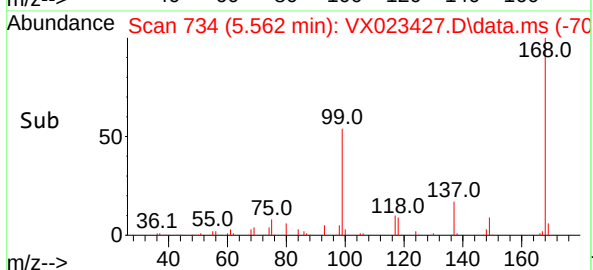
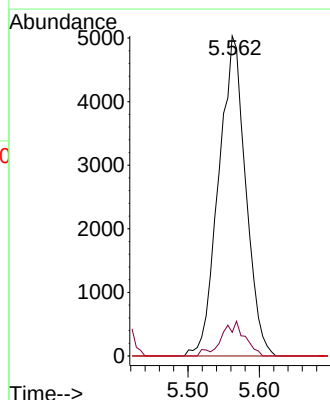
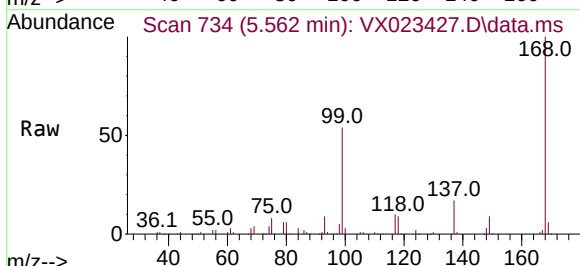
RT: 5.562 min Scan# 734

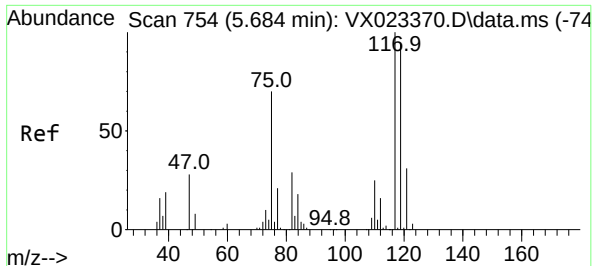
Delta R.T. -0.134 min

Lab File: VX023427.D

Acq: 23 Jul 2021 16:35

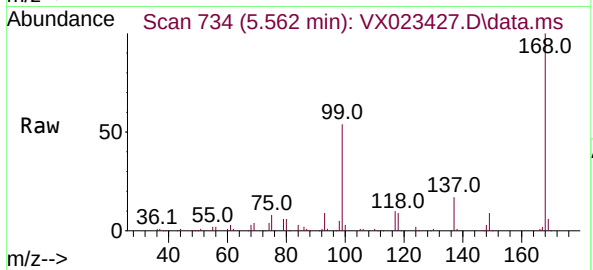
Tgt Ion:	75	Resp:	13181
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#



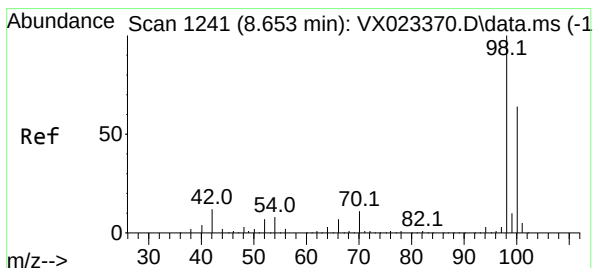
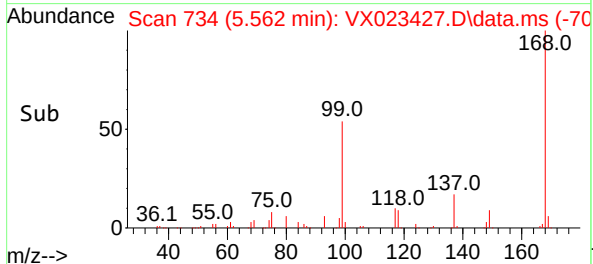
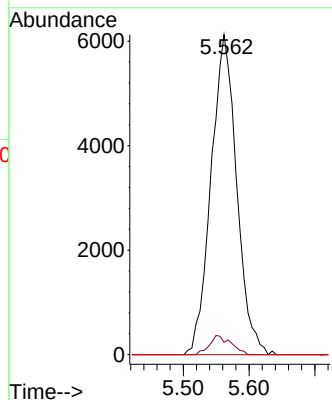


#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Instrument :
MSVOA_X
ClientSampleId :

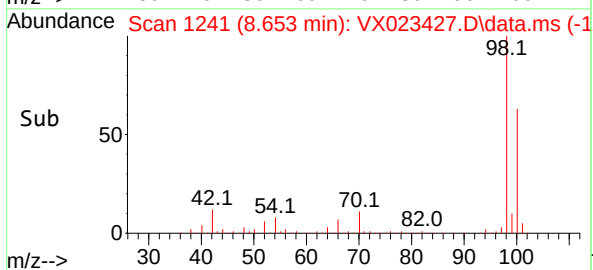
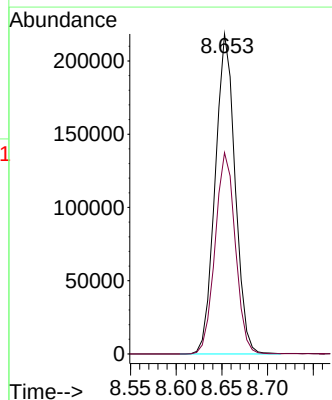
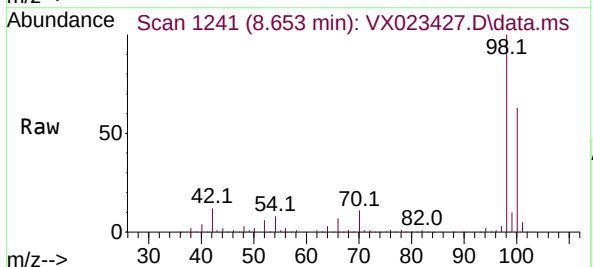


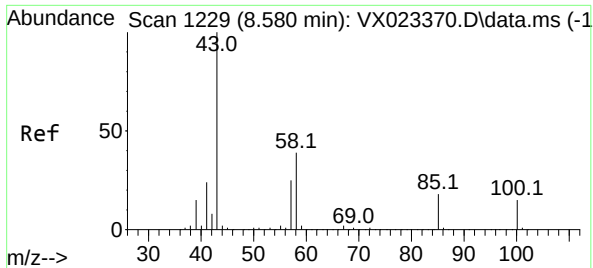
Tgt Ion:117 Resp: 16644
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.937 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Tgt Ion: 98 Resp: 331426
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

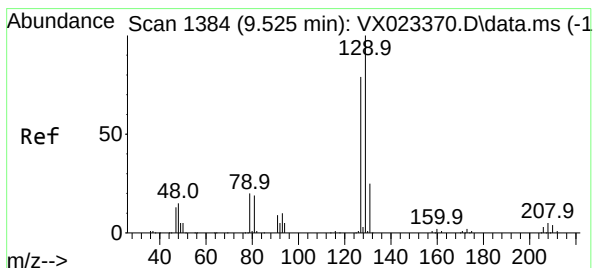
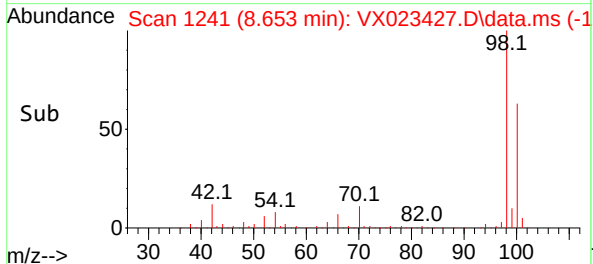
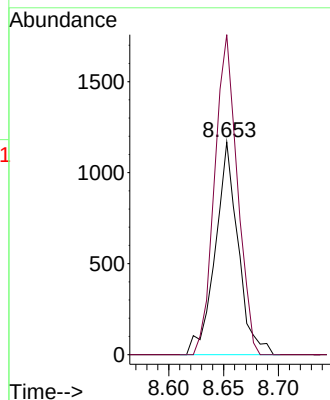
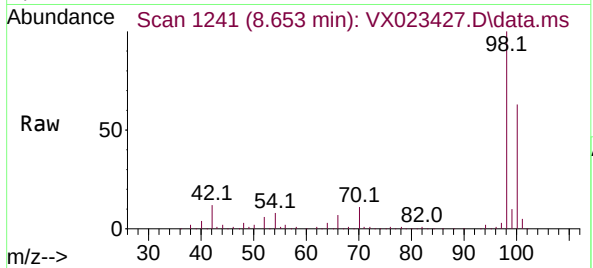




#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

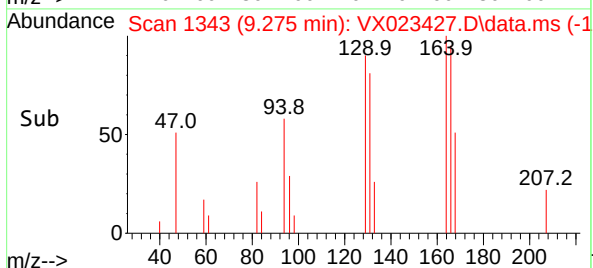
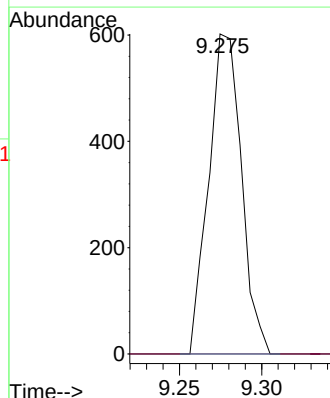
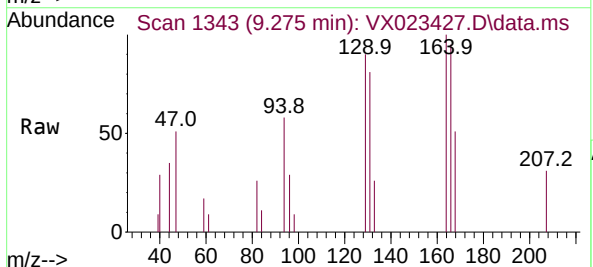
Instrument :
MSVOA_X
ClientSampled :

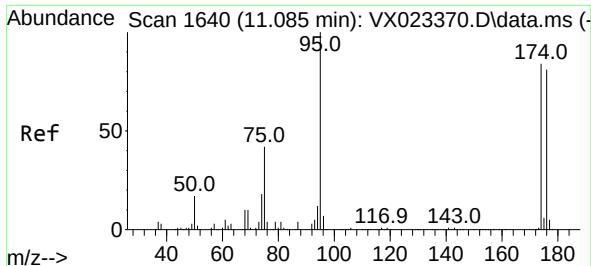
Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
58 149.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.362 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Tgt Ion: 129 Resp: 834
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

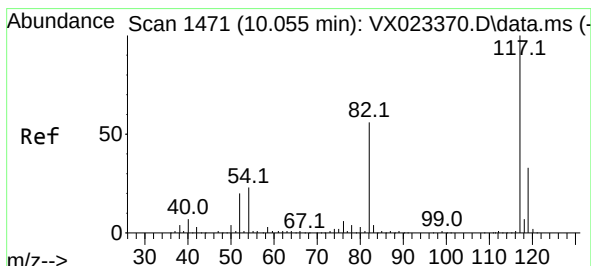
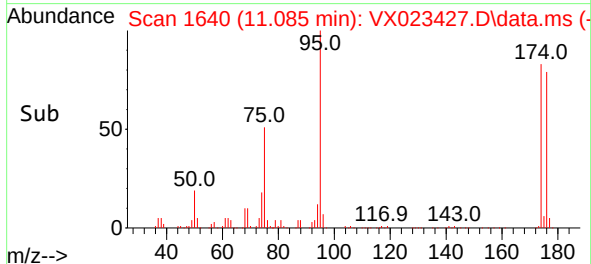
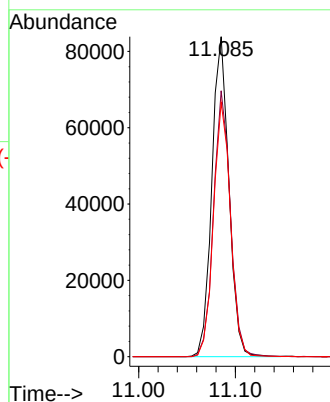
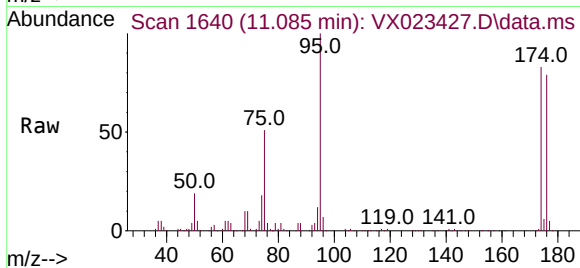




#62
4-Bromofluorobenzene
Concen: 46.410 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

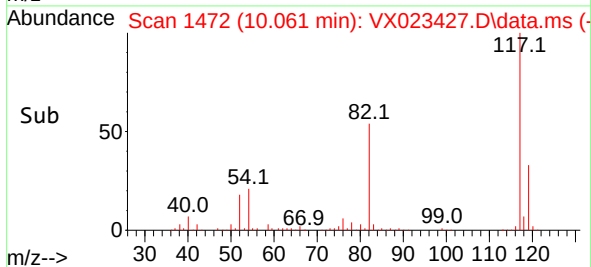
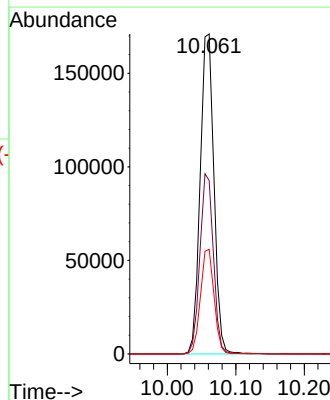
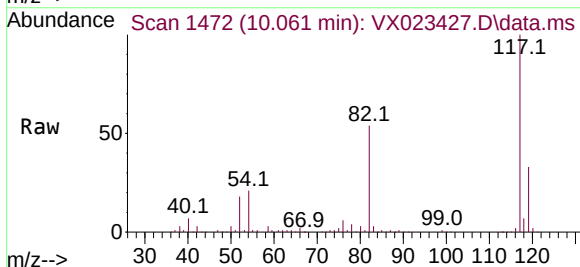
Instrument :
MSVOA_X
ClientSampleId :

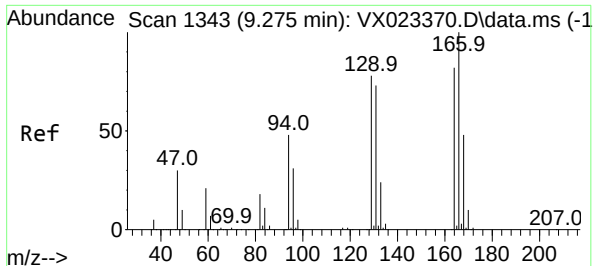
Tgt Ion: 95 Resp: 102681
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 79.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

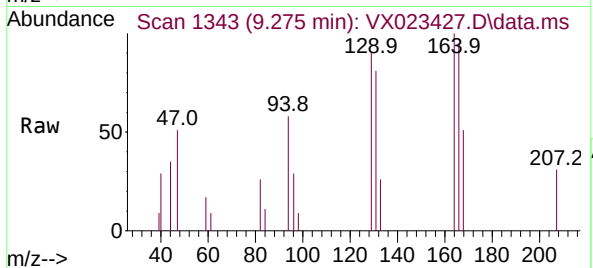
Tgt Ion: 117 Resp: 239569
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.7 26.6 39.8



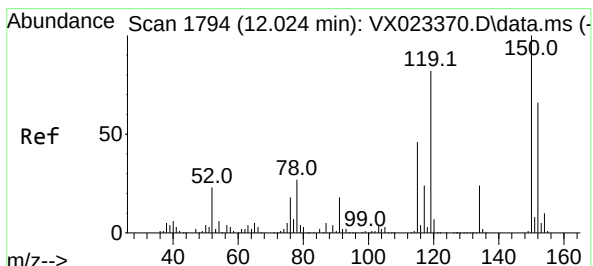
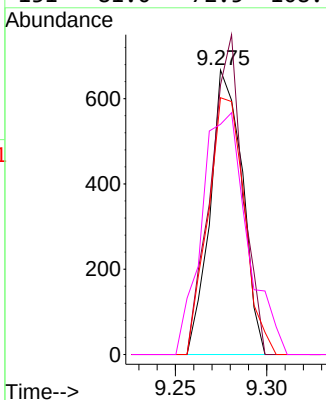
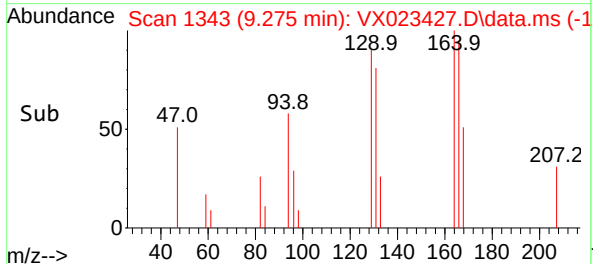


#64
Tetrachloroethene
Concen: 0.428 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

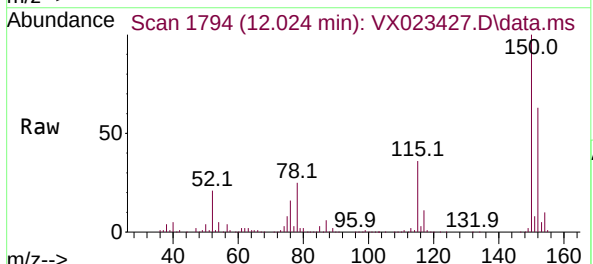
Instrument :
MSVOA_X
ClientSampleId :



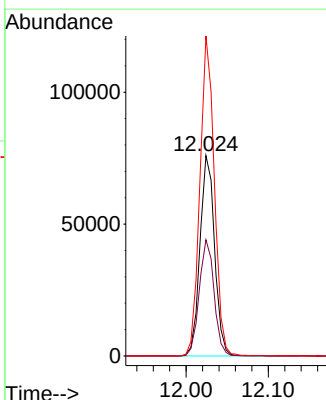
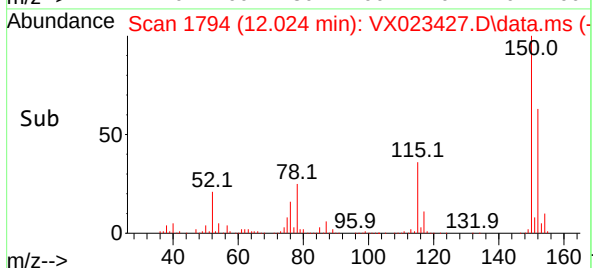
Tgt Ion:	164	Resp:	817
Ion	Ratio	Lower	Upper
164	100		
166	94.8	103.4	155.2#
129	90.3	70.8	106.2
131	81.0	72.5	108.7

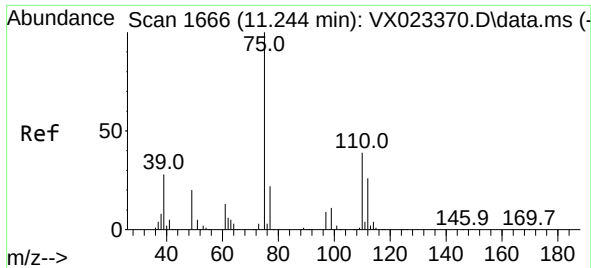


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35



Tgt Ion:	152	Resp:	93820
Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.1	123.3
150	157.1	0.0	349.0

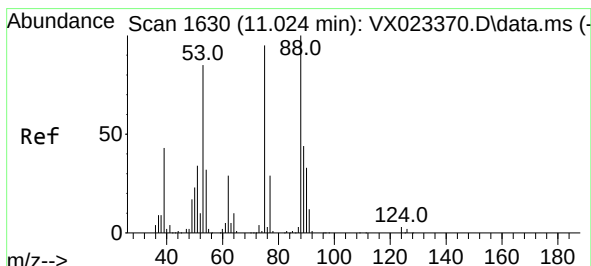
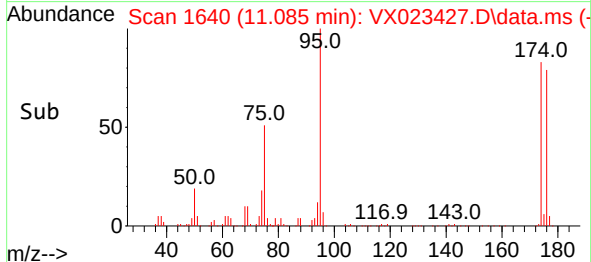
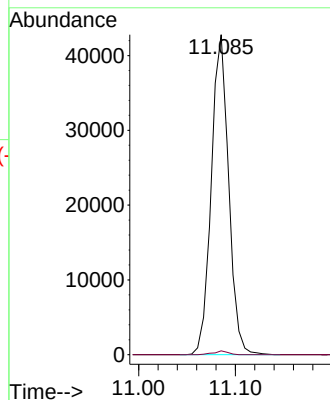
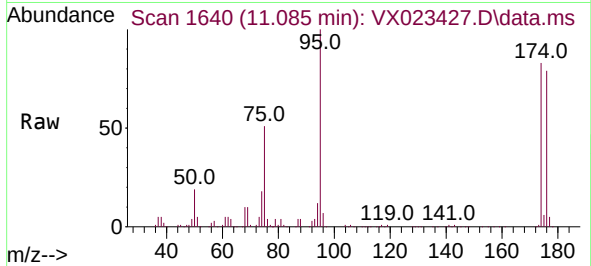




#76
1,2,3-Trichloropropane
Concen: 25.869 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 53408
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.558 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023427.D
Acq: 23 Jul 2021 16:35

Tgt Ion: 75 Resp: 53408
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

