

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023606.D
 Acq On : 09 Aug 2021 11:57
 Operator : JC/MD
 Sample : VX0809WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBL02

Quant Time: Aug 10 04:02:35 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)

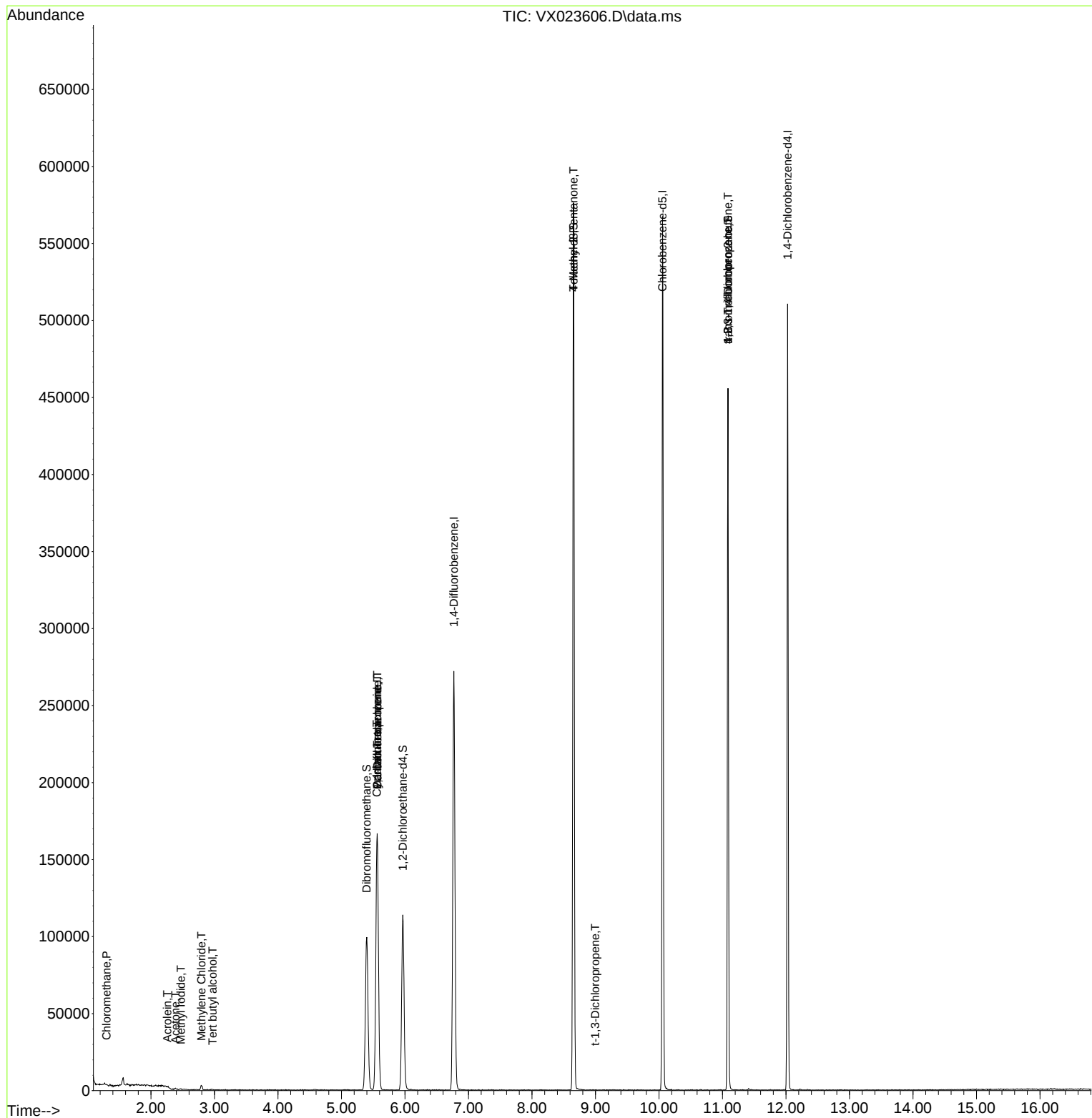
Internal Standards						
1) Pentafluorobenzene	5.562	168	156801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109951	56.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.42%
35) Dibromofluoromethane	5.397	113	85769	50.10	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.20%
50) Toluene-d8	8.653	98	330437	52.54	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.08%
62) 4-Bromofluorobenzene	11.085	95	111110	51.96	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.92%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	502	0.30	ug/l	95
10) Methyl Iodide	2.471	142	666	0.34	ug/l #	84
11) Tert butyl alcohol	2.971	59	165	0.37	ug/l #	73
13) Acrolein	2.258	56	31	1.50	ug/l #	1
16) Acetone	2.386	43	848	0.88	ug/l #	82
20) Methylene Chloride	2.794	84	1224	0.66	ug/l #	91
31) Cyclohexane	5.556	56	3606	1.24	ug/l #	7
36) 1,1-Dichloropropene	5.562	75	12374	5.00	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16881	6.70	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1613	0.55	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	20	1.82	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	59125	26.96	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59125	72.49	ug/l #	12

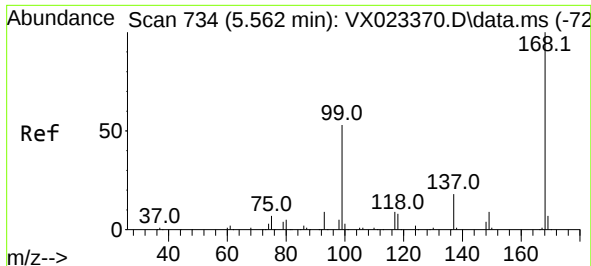
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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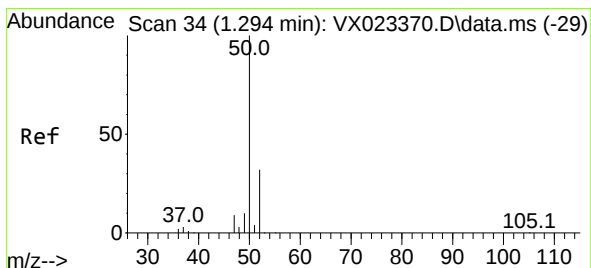
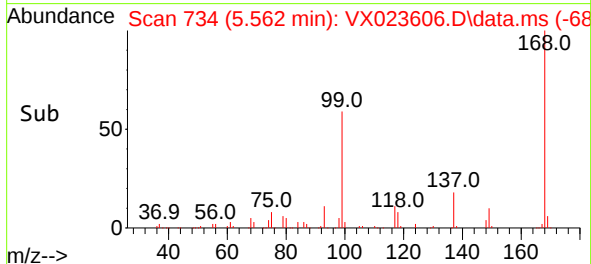
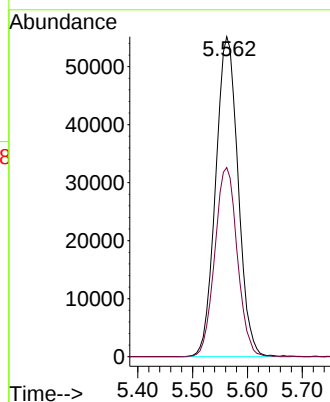
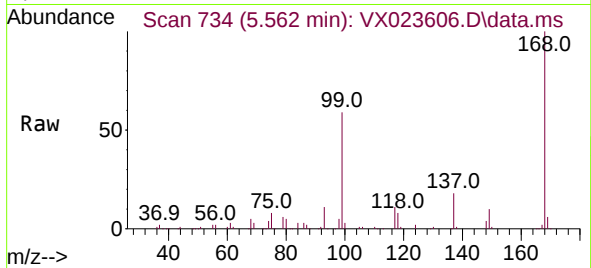




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

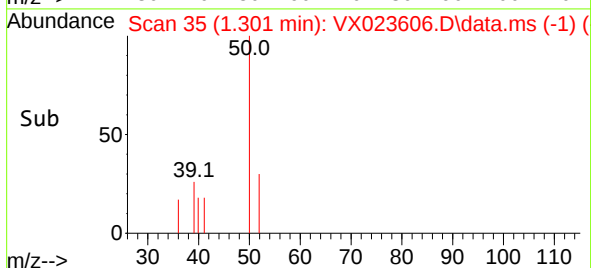
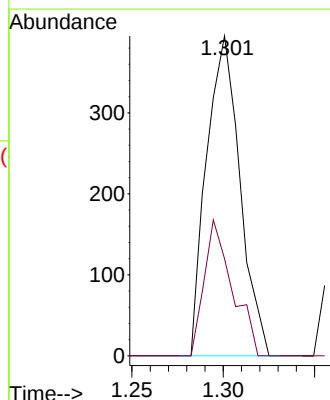
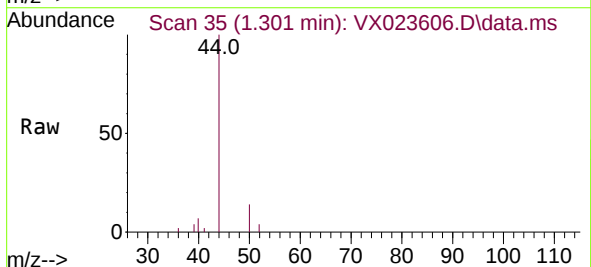
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBL02

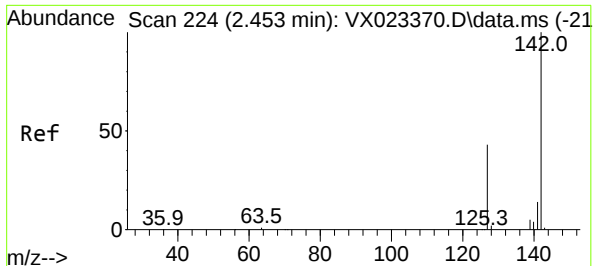
Tgt Ion:168 Resp: 156801
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

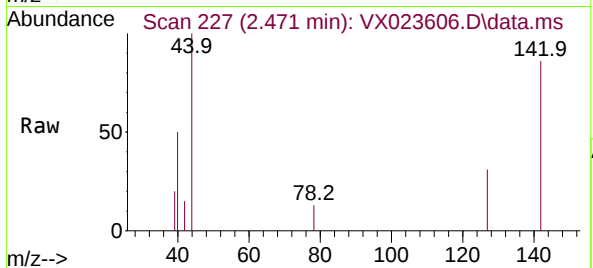
Tgt Ion: 50 Resp: 502
Ion Ratio Lower Upper
50 100
52 30.4 26.4 39.6



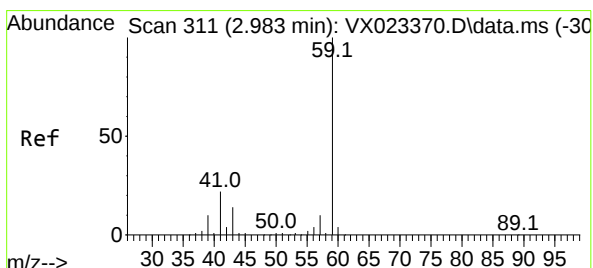
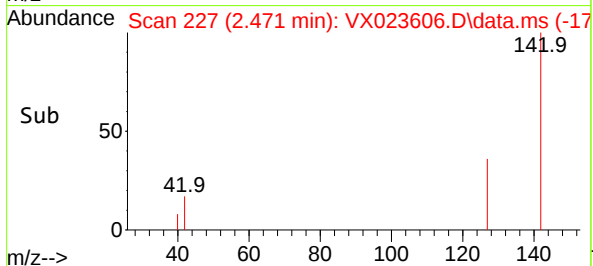
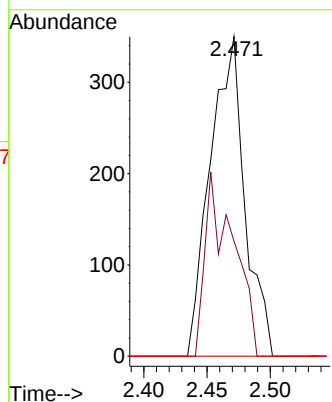


#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBL02

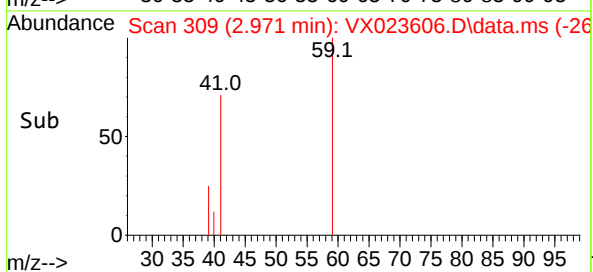
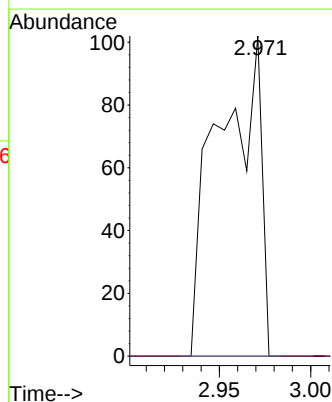
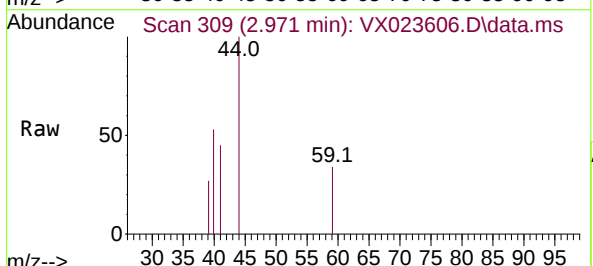


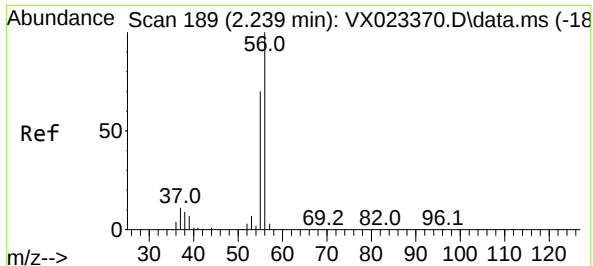
Tgt Ion:142 Resp: 666
Ion Ratio Lower Upper
142 100
127 47.3 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

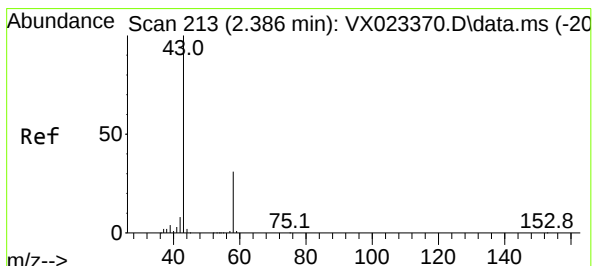
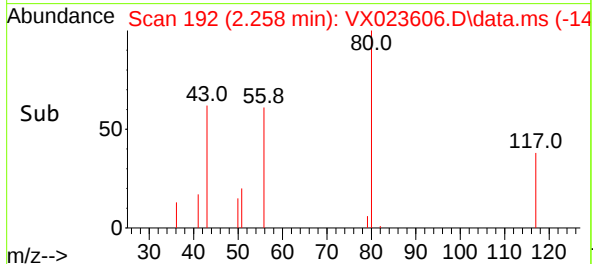
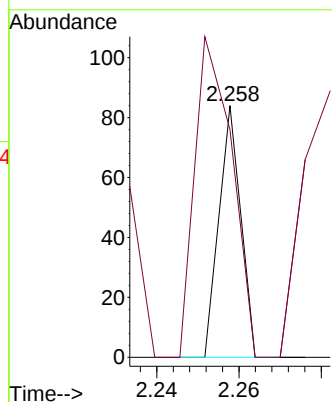
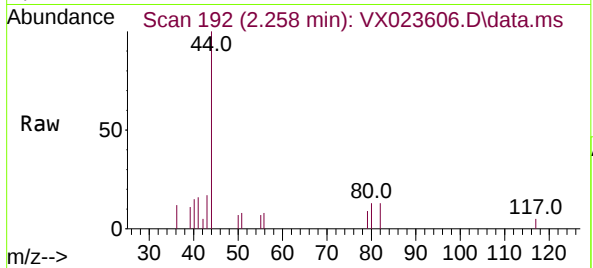




#13
Acrolein
Concen: 1.50 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

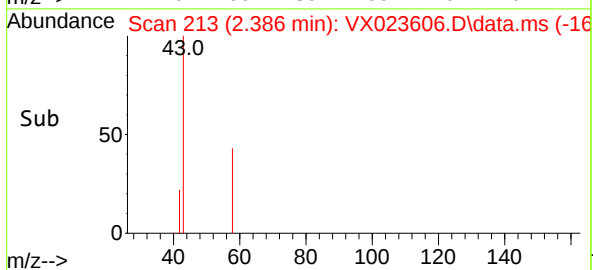
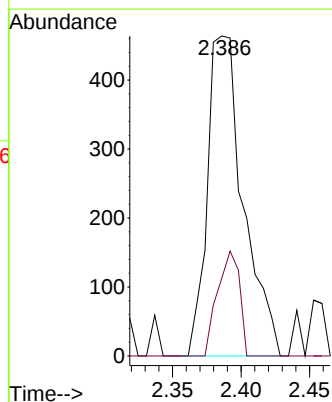
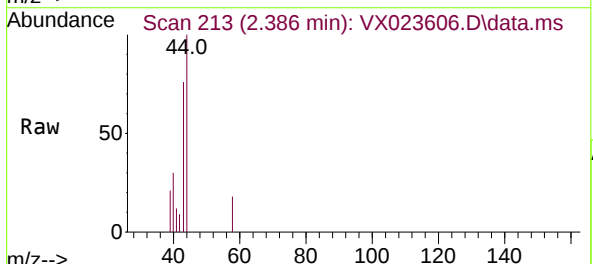
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBL02

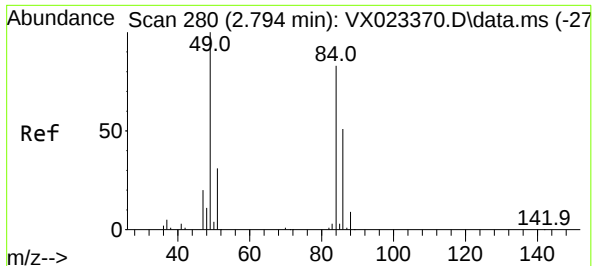
Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 216.1 56.4 84.6#



#16
Acetone
Concen: 0.88 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#

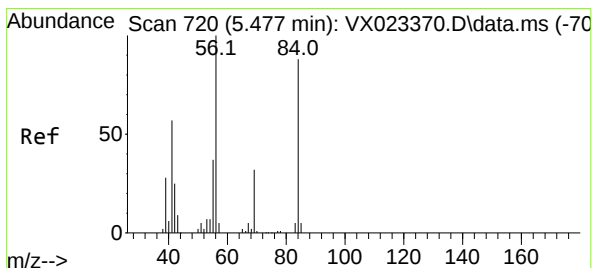
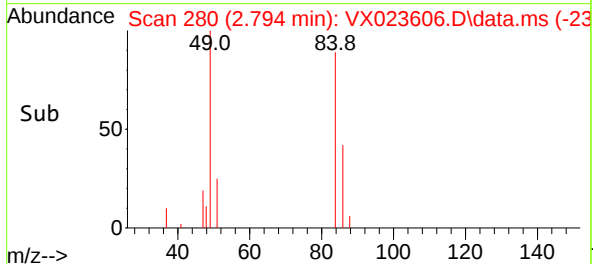
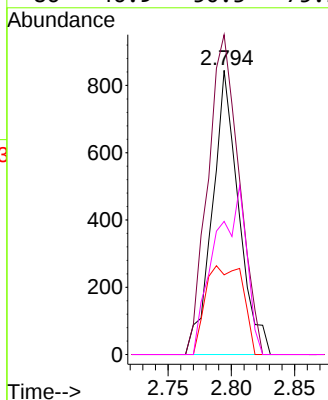
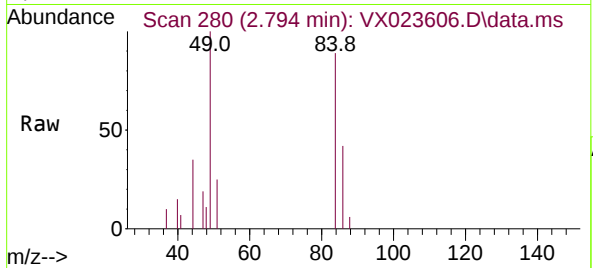




#20
Methylene Chloride
Concen: 0.66 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

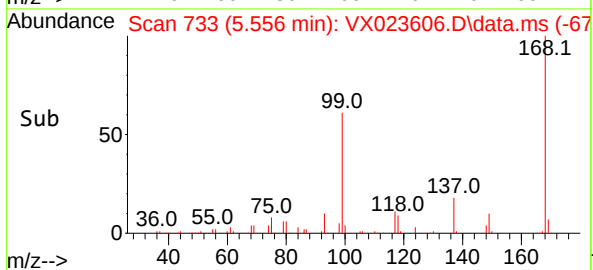
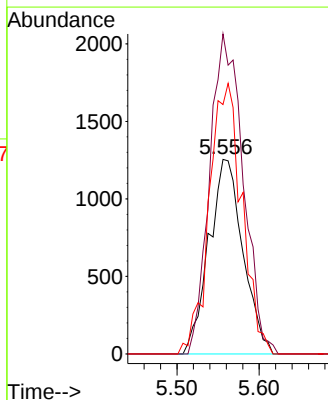
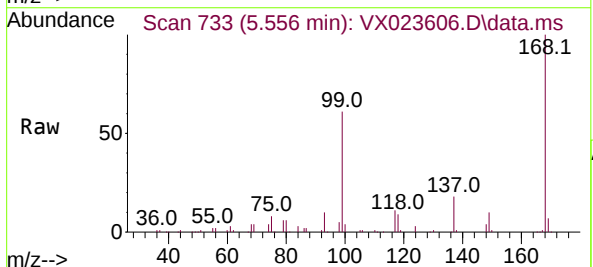
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBL02

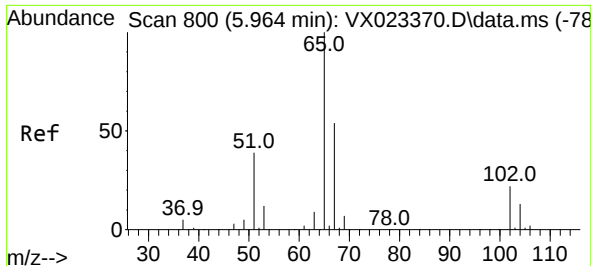
Tgt Ion:	84	Resp:	1224
Ion	Ratio	Lower	Upper
84	100		
49	112.5	88.6	132.8
51	28.0	27.0	40.6
86	46.9	50.3	75.5#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

Tgt Ion:	56	Resp:	3606
Ion	Ratio	Lower	Upper
56	100		
69	164.5	25.3	37.9#
84	128.2	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 56.21 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023606.D

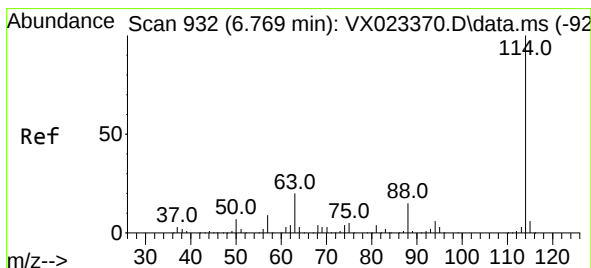
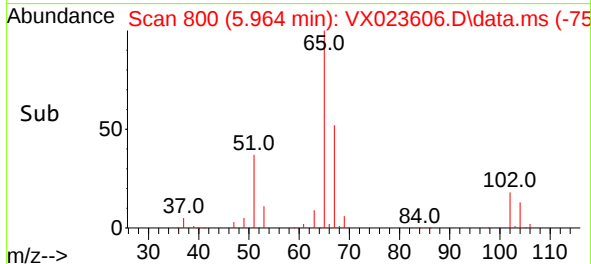
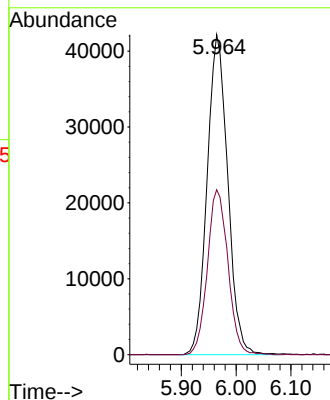
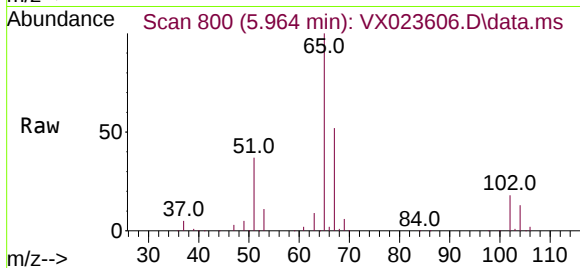
Acq: 09 Aug 2021 11:57

Tgt Ion: 65 Resp: 109951

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: VX023606.D

Acq: 09 Aug 2021 11:57

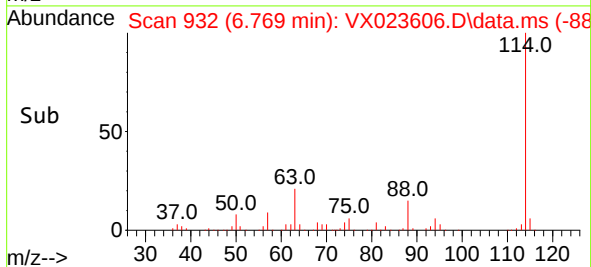
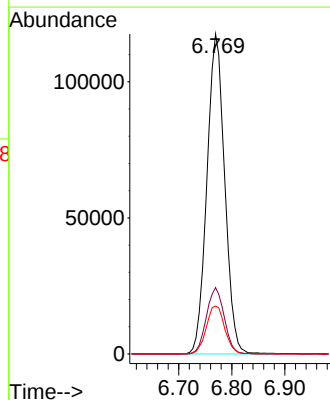
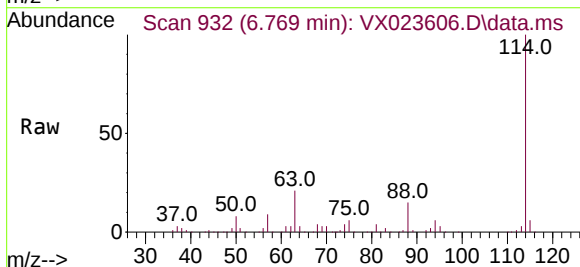
Tgt Ion: 114 Resp: 273779

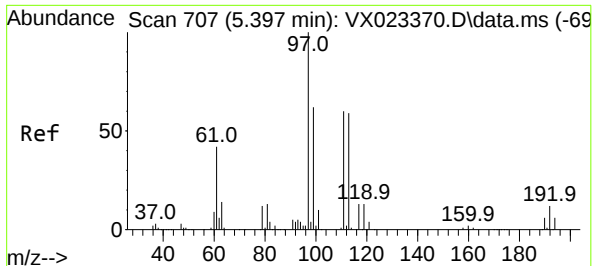
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 14.9 0.0 32.8

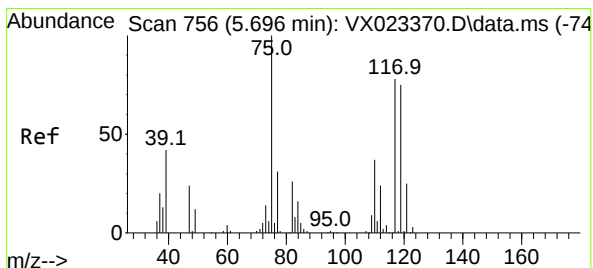
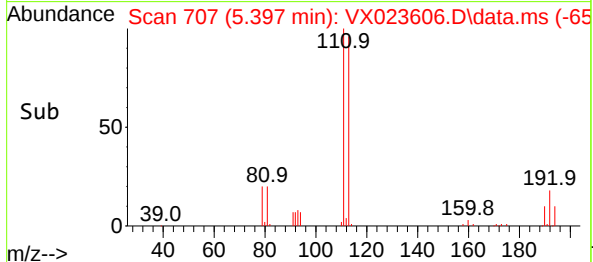
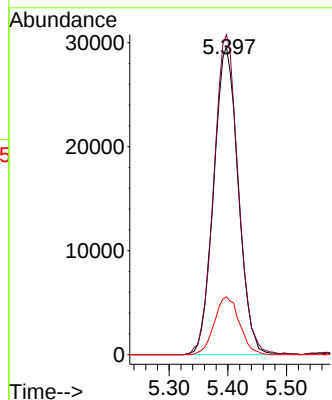
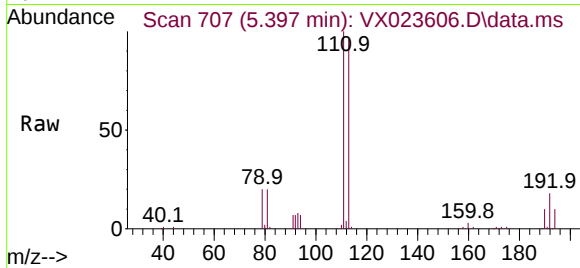




#35
Dibromofluoromethane
Concen: 50.10 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

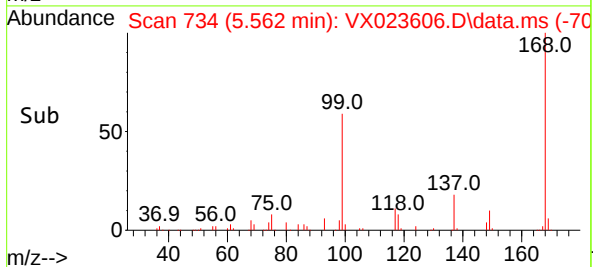
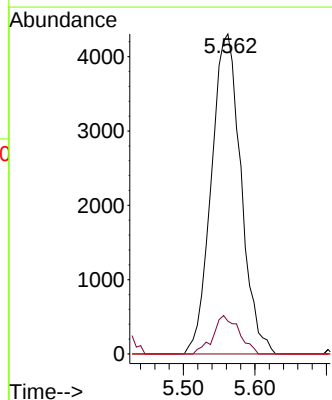
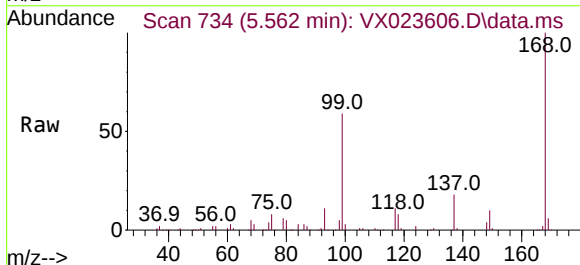
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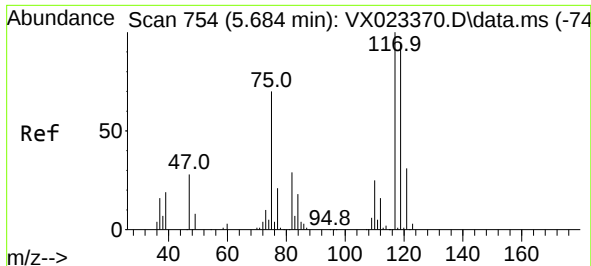
Tgt Ion:113 Resp: 85769
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

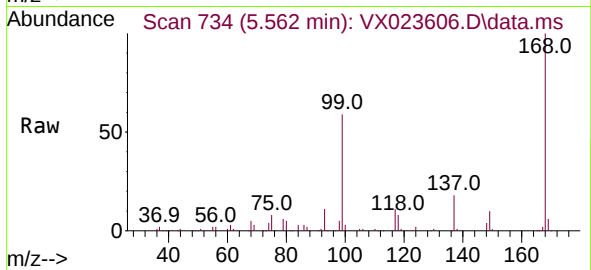
Tgt Ion: 75 Resp: 12374
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



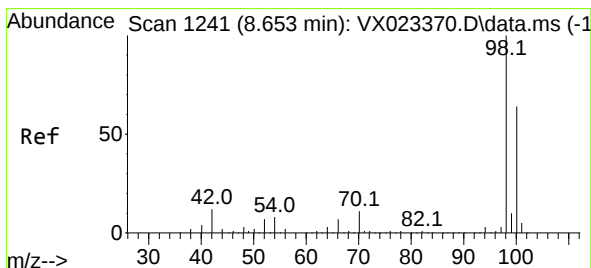
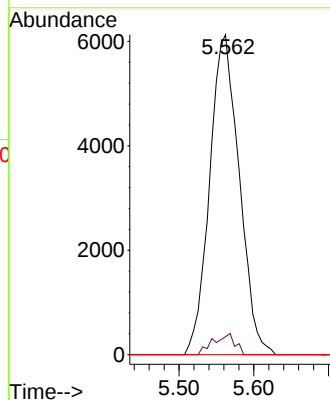
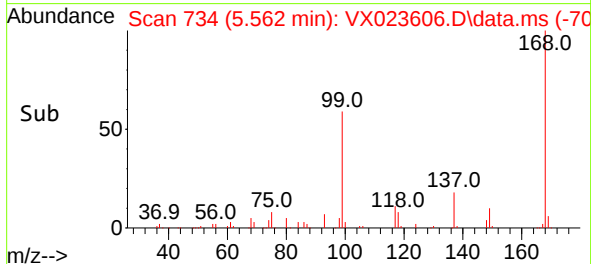


#38
Carbon Tetrachloride
Concen: 6.70 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

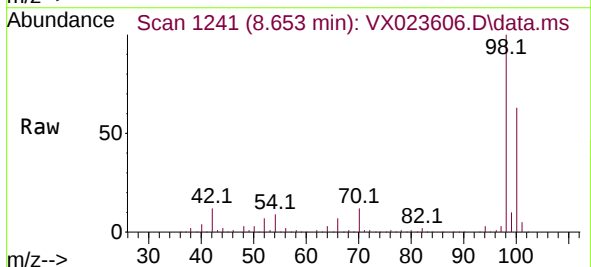
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBL02



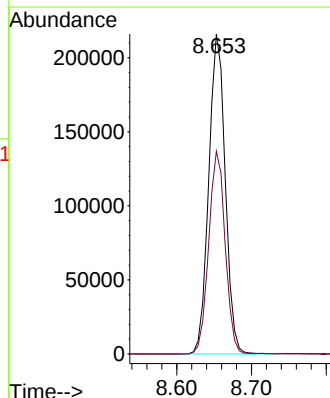
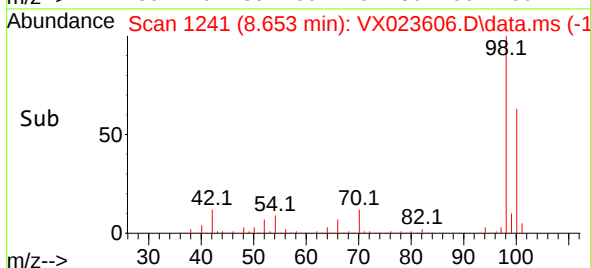
Tgt Ion:117 Resp: 16881
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

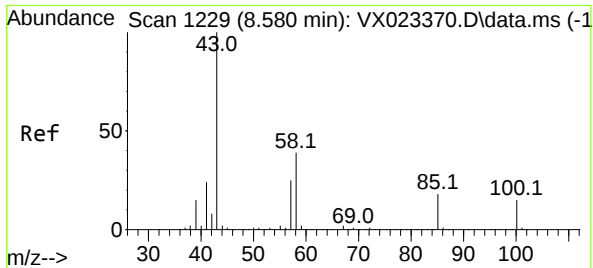


#50
Toluene-d8
Concen: 52.54 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57



Tgt Ion: 98 Resp: 330437
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

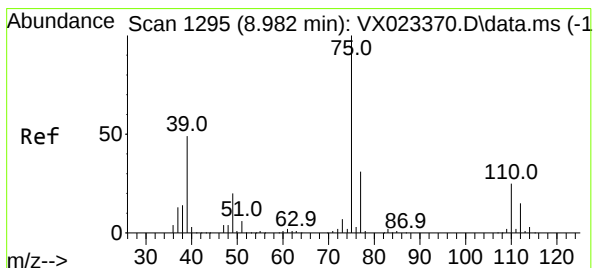
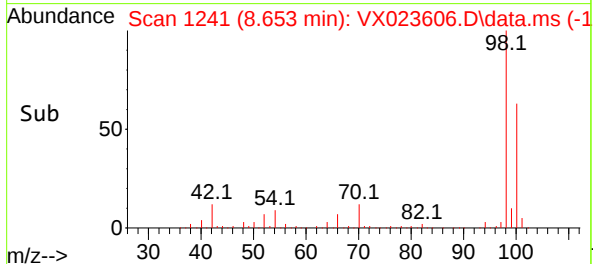
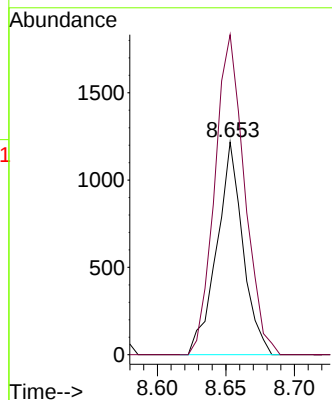
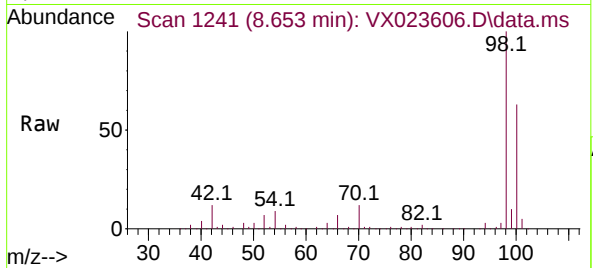




#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

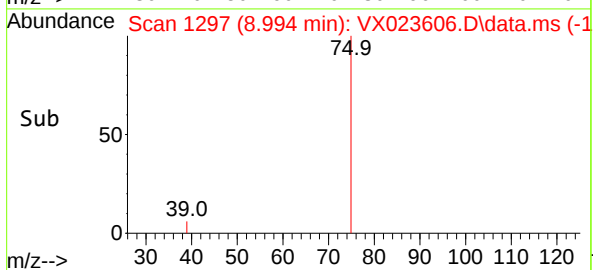
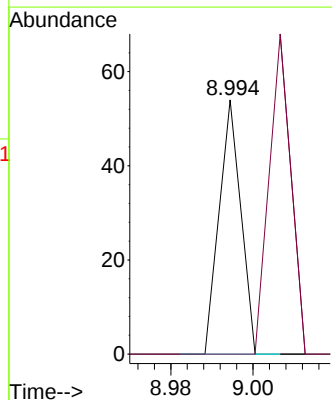
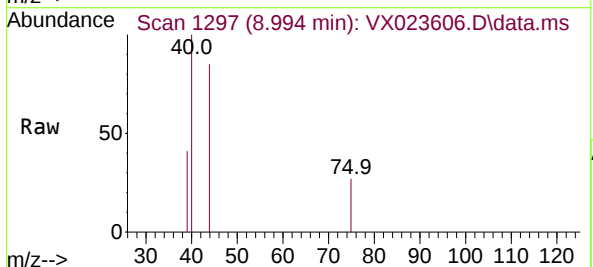
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBL02

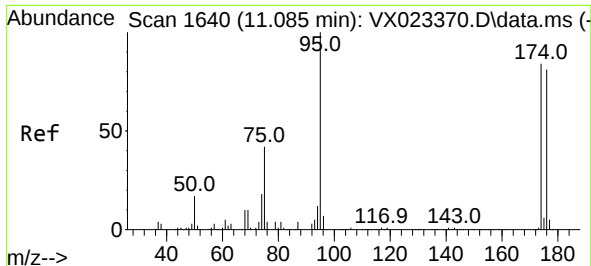
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 171.4 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.82 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

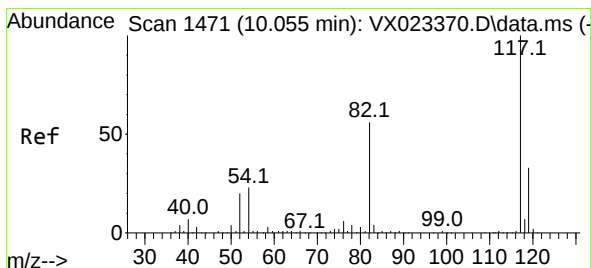
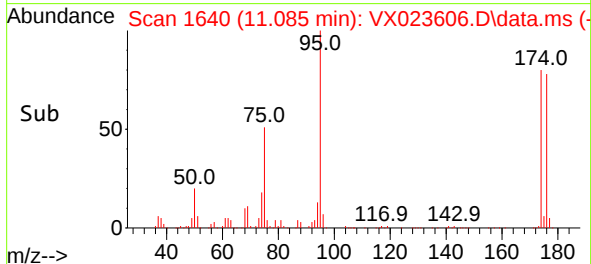
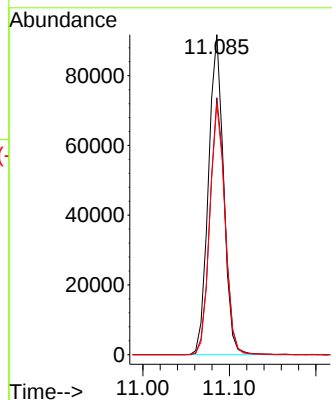
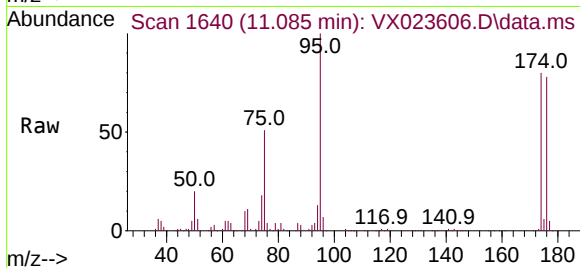




#62
4-Bromofluorobenzene
Concen: 51.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

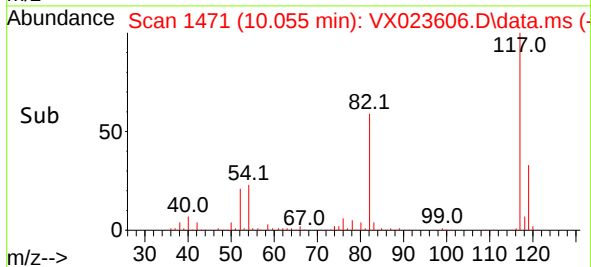
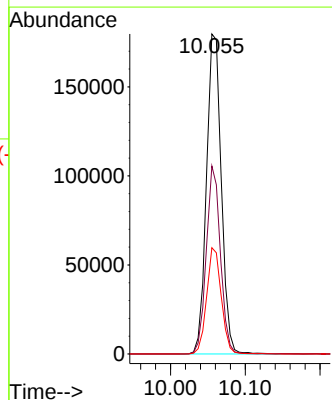
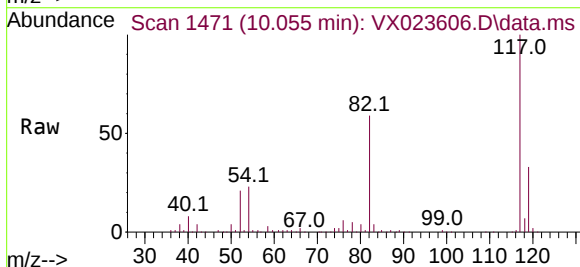
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBL02

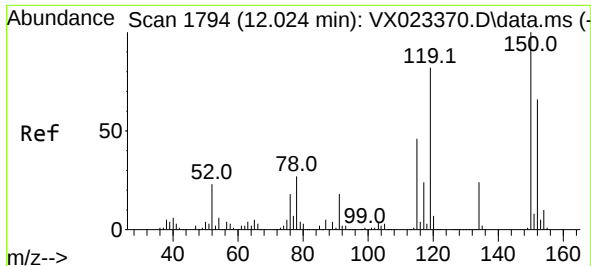
Tgt Ion: 95 Resp: 111110
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023606.D
Acq: 09 Aug 2021 11:57

Tgt Ion: 117 Resp: 247169
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 33.2 26.6 39.8

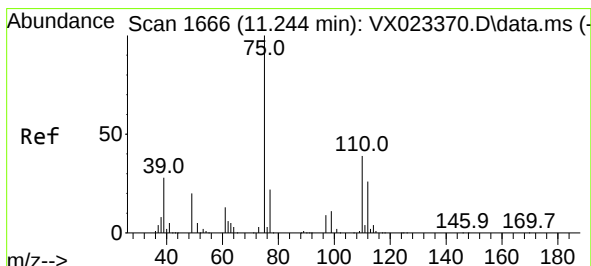
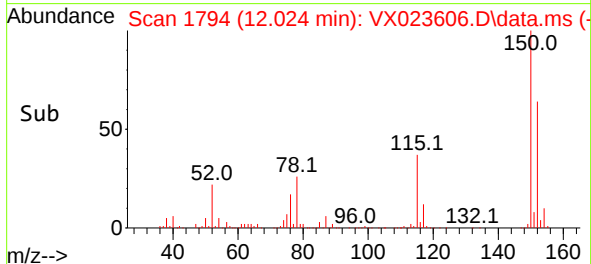
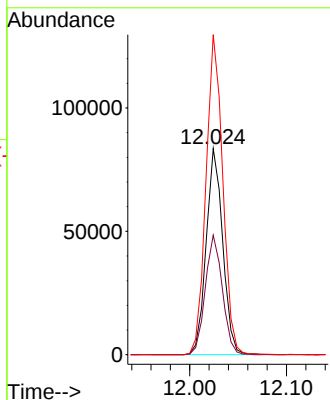
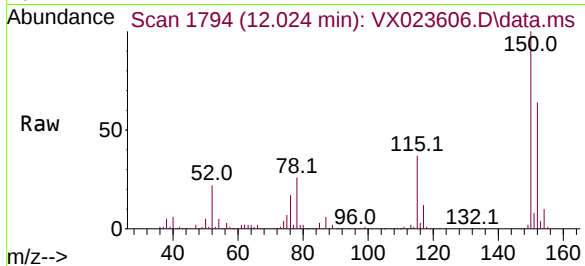




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023606.D
 Acq: 09 Aug 2021 11:57

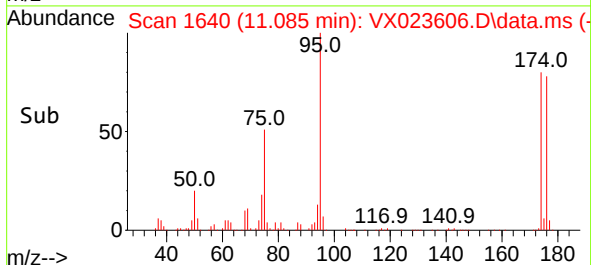
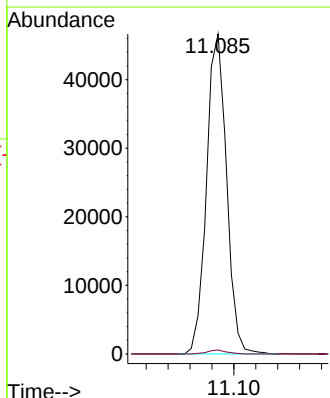
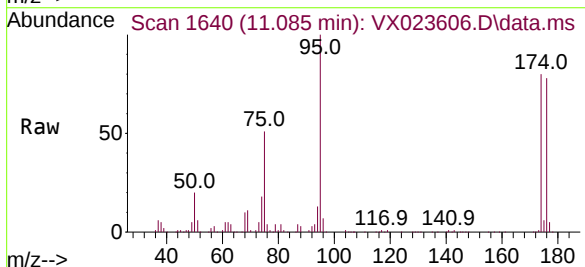
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBL02

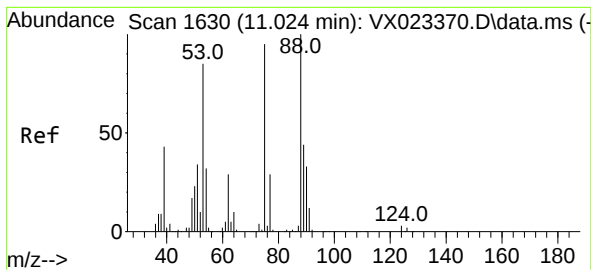
Tgt Ion:152 Resp: 99660
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 157.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.96 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023606.D
 Acq: 09 Aug 2021 11:57

Tgt Ion: 75 Resp: 59125
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.49 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023606.D
 Acq: 09 Aug 2021 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBL02

Tgt Ion: 75 Resp: 59125
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

