

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022606.D
 Acq On : 09 Jun 2021 12:08
 Operator : JC/MD
 Sample : VX0609WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBL01

Quant Time: Jun 10 05:39:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

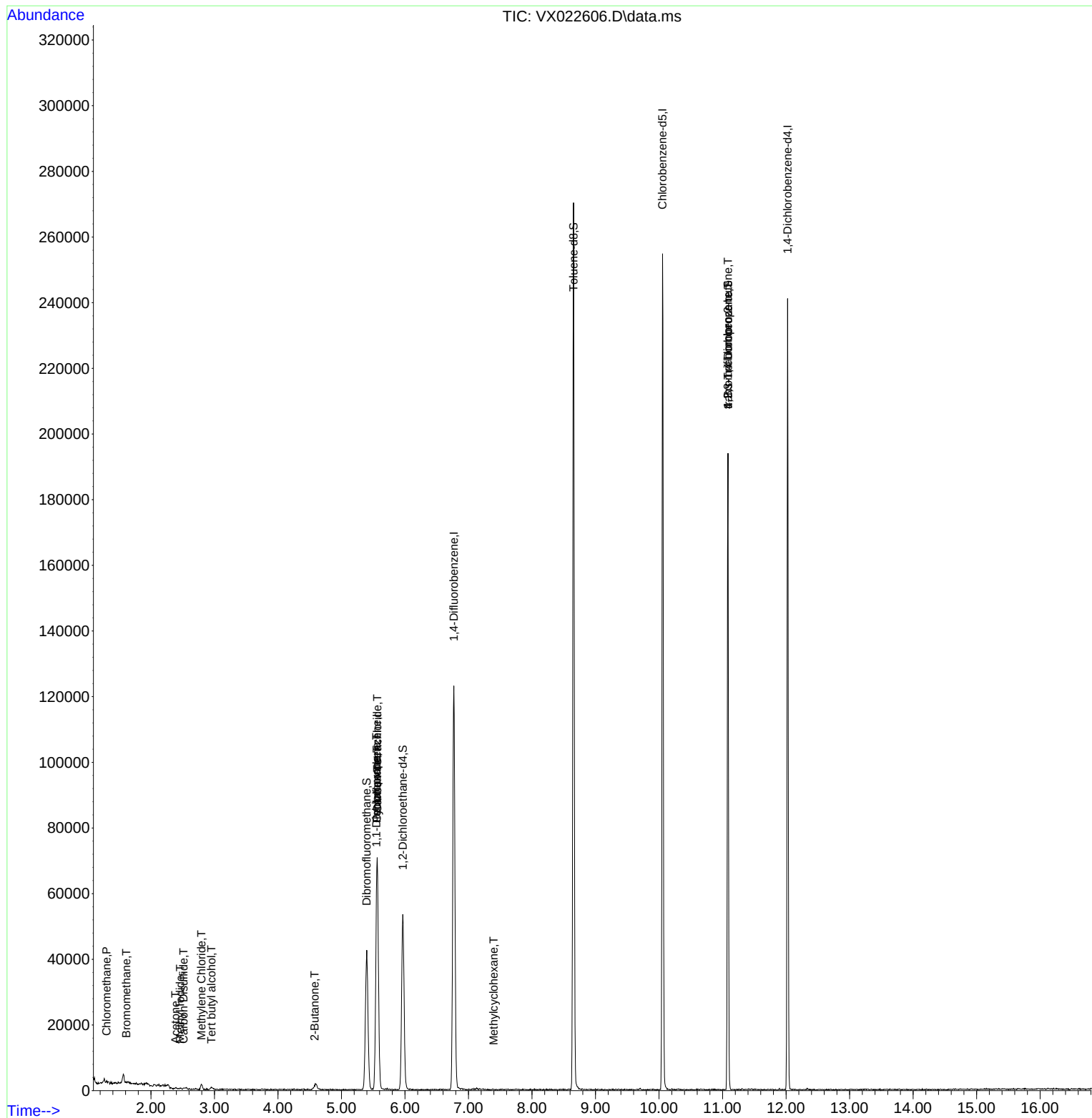
Internal Standards						
1) Pentafluorobenzene	5.556	168	59540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	122173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50069	47.30	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.60%
35) Dibromofluoromethane	5.397	113	35971	47.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.12%
50) Toluene-d8	8.653	98	149659	49.07	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.14%
62) 4-Bromofluorobenzene	11.085	95	51121	45.09	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.18%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	326	0.39	ug/l	96
5) Bromomethane	1.611	94	245	0.57	ug/l #	47
10) Methyl Iodide	2.459	142	413	0.48	ug/l #	81
11) Tert butyl alcohol	2.953	59	535	2.25	ug/l #	73
16) Acetone	2.386	43	512	1.08	ug/l #	83
17) Carbon Disulfide	2.514	76	386	3.57	ug/l #	75
20) Methylene Chloride	2.794	84	739	0.74	ug/l #	76
25) 2-Butanone	4.574	43	162	0.21	ug/l #	45
31) Cyclohexane	5.556	56	1780	1.42	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	6085	5.15	ug/l #	43
38) Carbon Tetrachloride	5.562	117	7050	8.24	ug/l #	15
39) Methylcyclohexane	7.397	83	108	1.92	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	27364	25.54	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27364	63.08	ug/l #	12

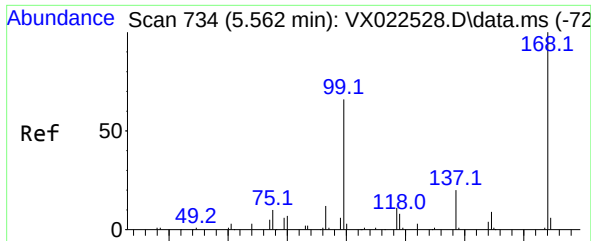
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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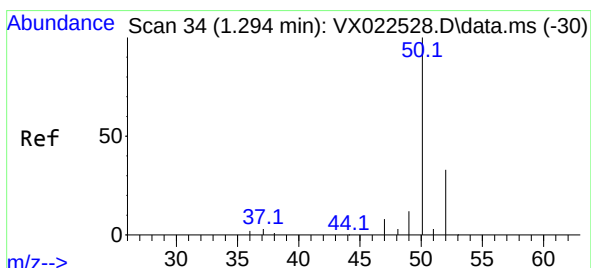
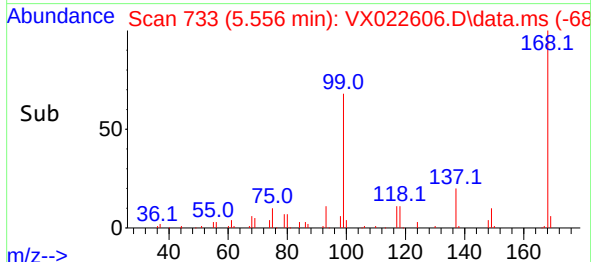
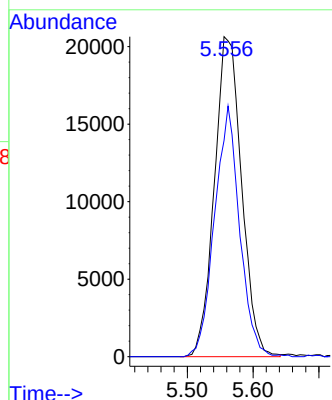
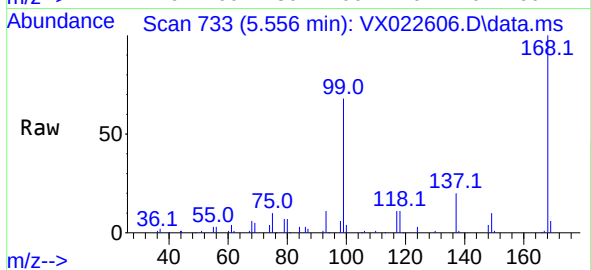




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

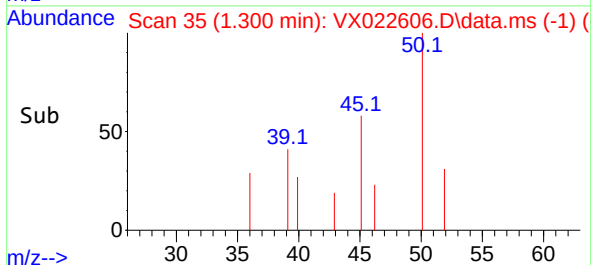
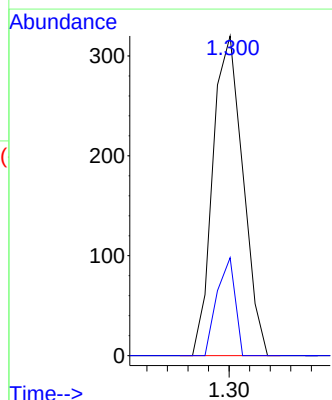
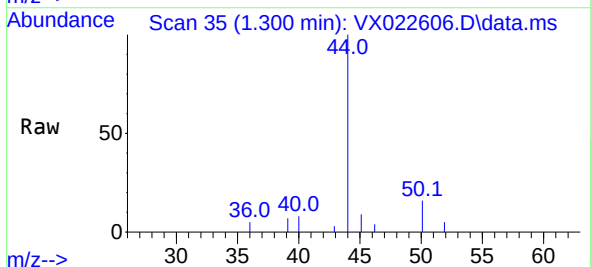
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

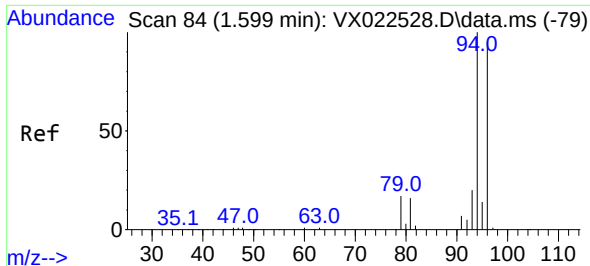
Tgt Ion:168 Resp: 59540
Ion Ratio Lower Upper
168 100
99 67.6 45.8 68.6



#3
Chloromethane
Concen: 0.39 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Tgt Ion: 50 Resp: 326
Ion Ratio Lower Upper
50 100
52 30.6 26.4 39.6

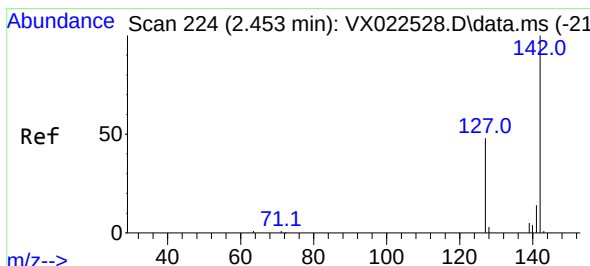
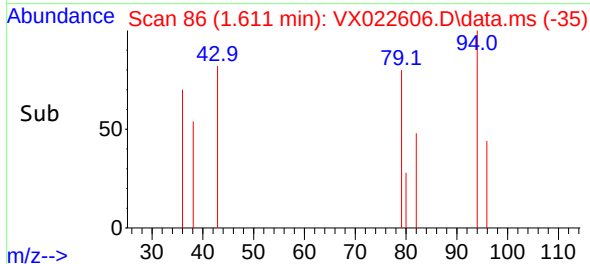
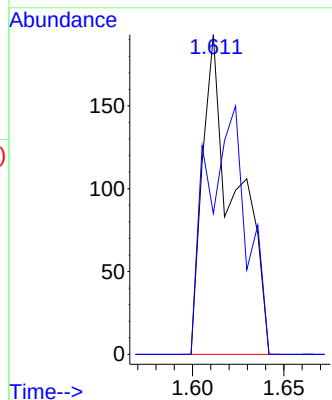
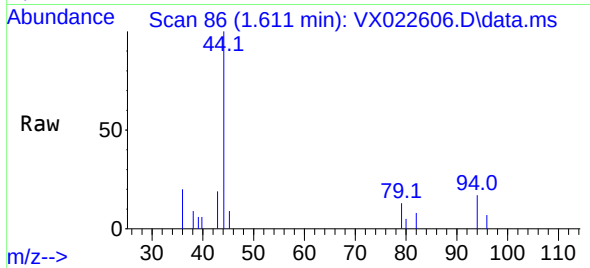




#5
Bromomethane
Concen: 0.57 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

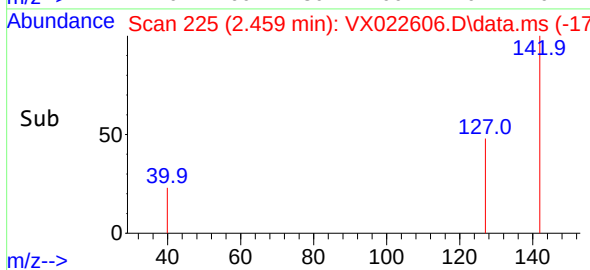
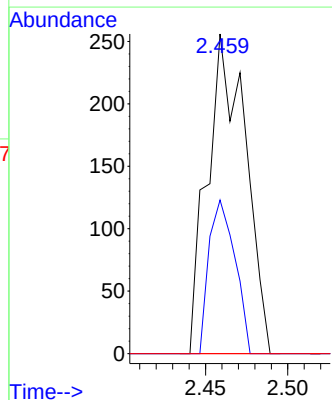
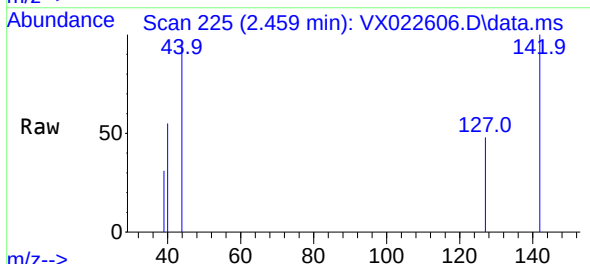
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

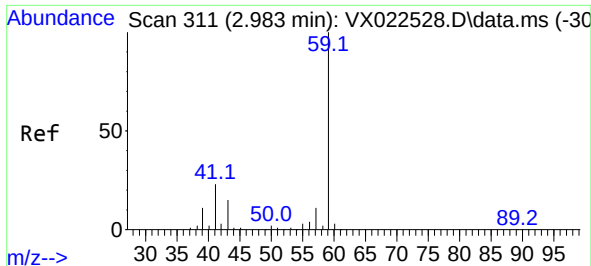
Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 44.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.48 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Tgt Ion: 142 Resp: 413
Ion Ratio Lower Upper
142 100
127 32.7 33.3 49.9#
141 0.0 11.4 17.0#



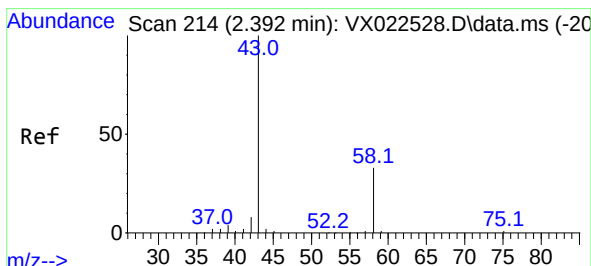
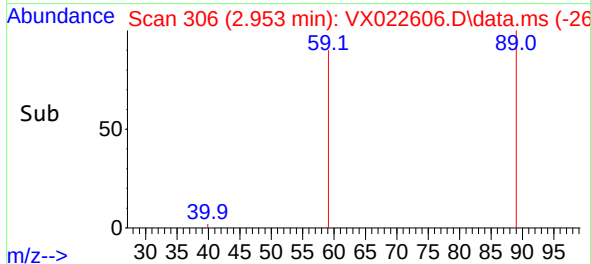
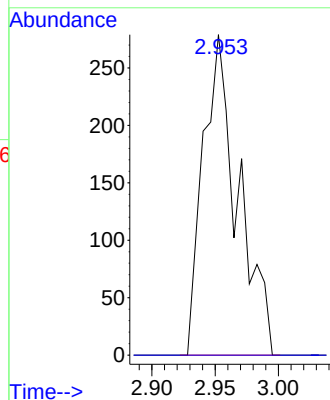
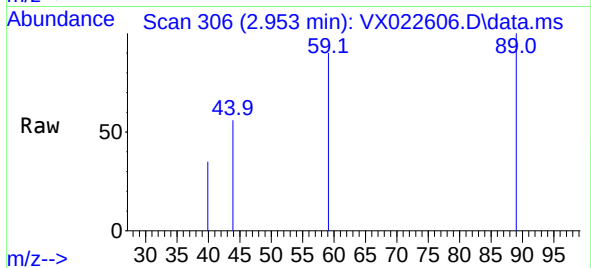


#11

Tert butyl alcohol
Concen: 2.25 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

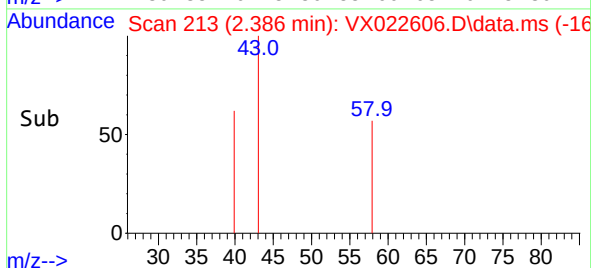
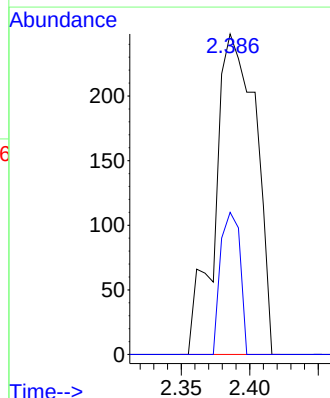
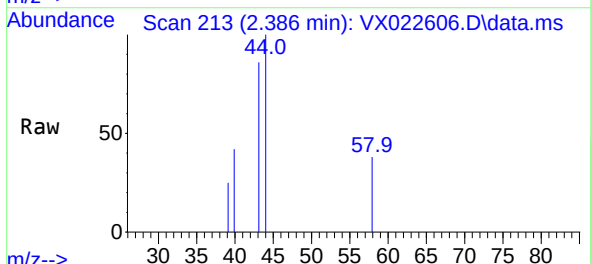
Tgt Ion: 59 Resp: 535
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

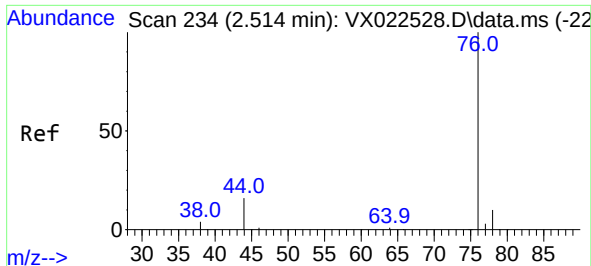


#16

Acetone
Concen: 1.08 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 44.4 27.8 41.8#

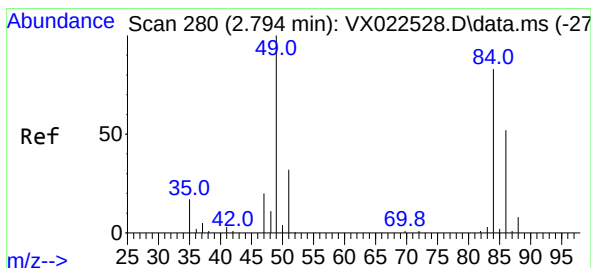
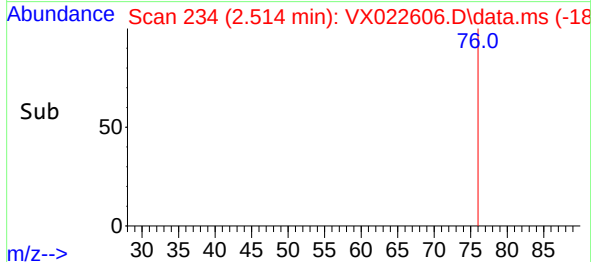
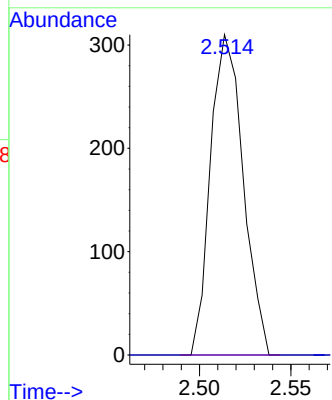
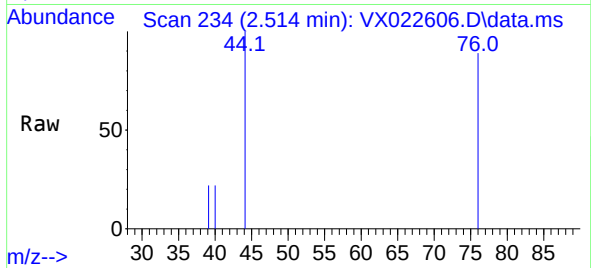




#17
Carbon Disulfide
Concen: 3.57 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

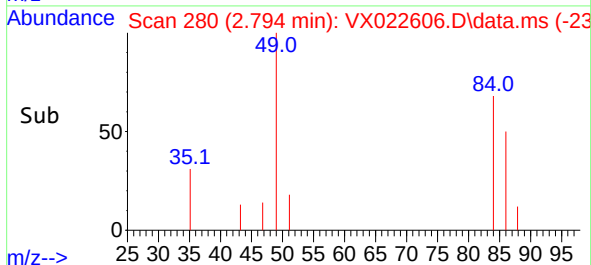
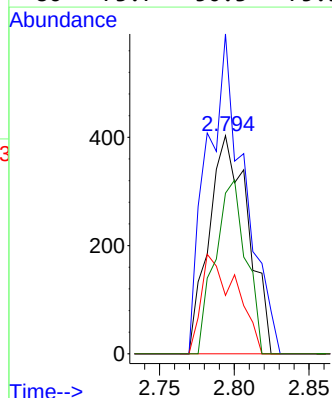
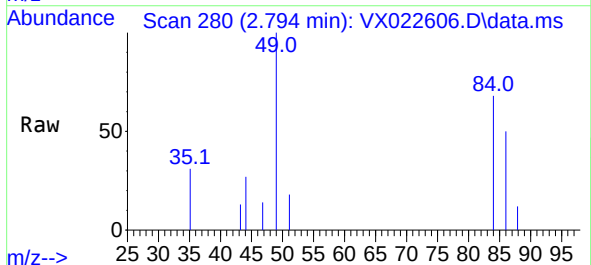
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

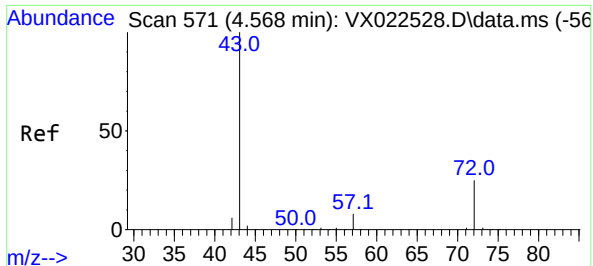
Tgt Ion: 76 Resp: 386
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.74 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Tgt Ion: 84 Resp: 739
Ion Ratio Lower Upper
84 100
49 146.7 88.6 132.8#
51 26.8 27.0 40.6#
86 73.7 50.3 75.5

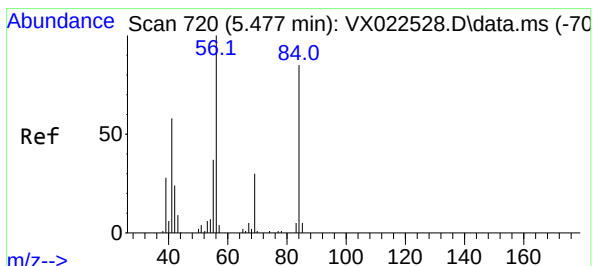
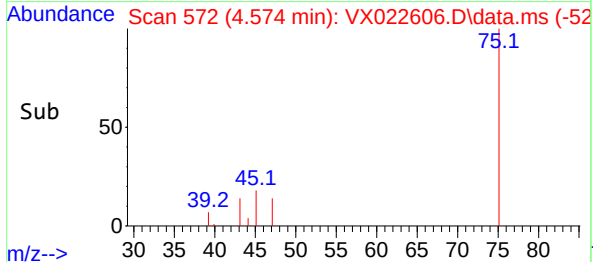
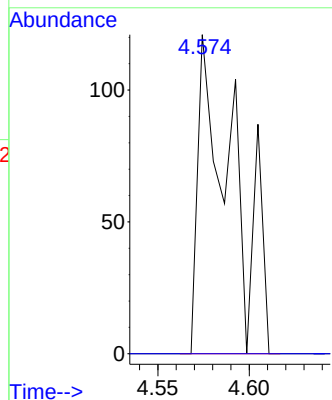
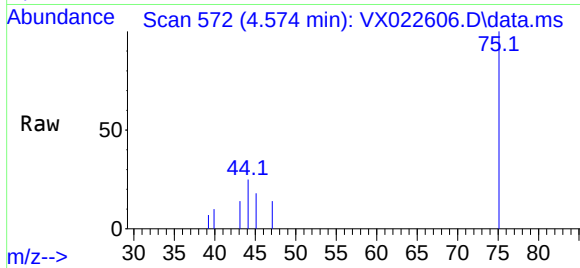




#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

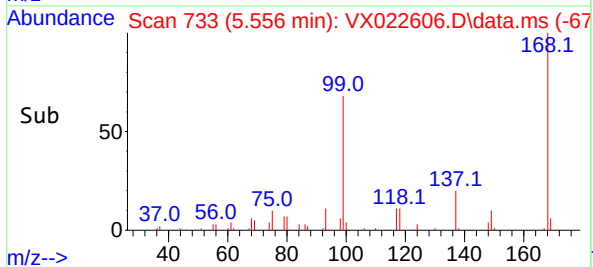
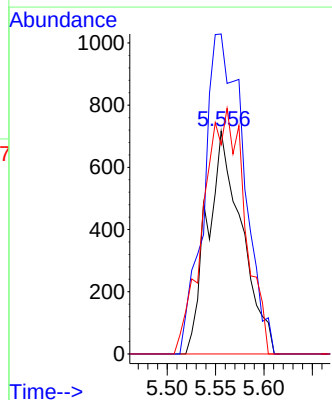
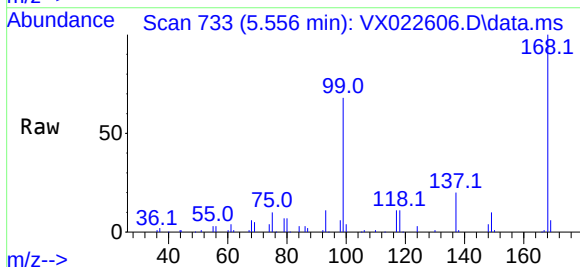
Instrument :
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ClientSampleId :
VX0609WBL01

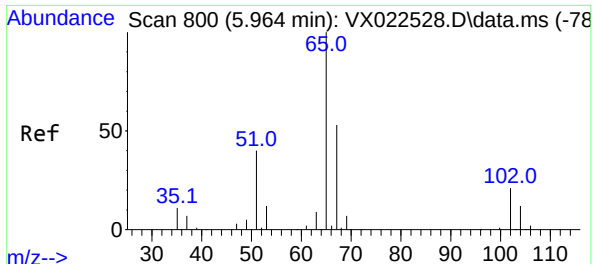
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Tgt Ion: 56 Resp: 1780
Ion Ratio Lower Upper
56 100
69 143.7 25.3 37.9#
84 94.0 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 47.30 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022606.D

Acq: 09 Jun 2021 12:08

Tgt Ion: 65 Resp: 50069

Ion Ratio Lower Upper

65 100

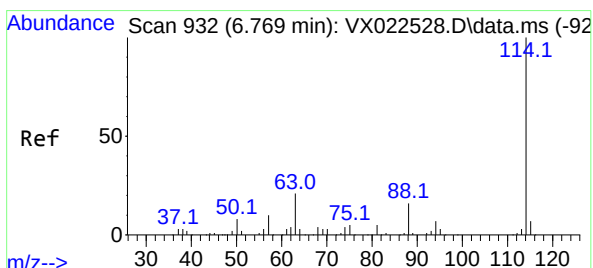
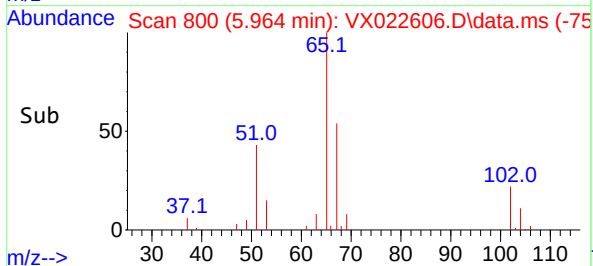
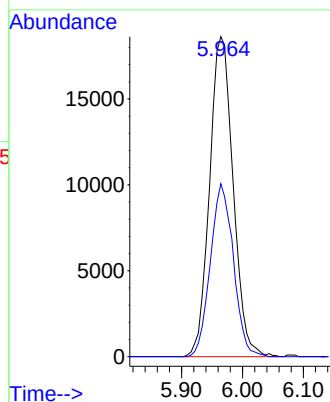
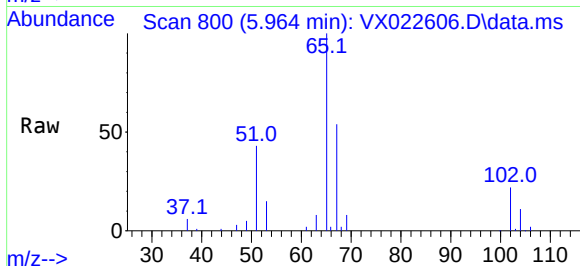
67 52.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

VX0609WBL01



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022606.D

Acq: 09 Jun 2021 12:08

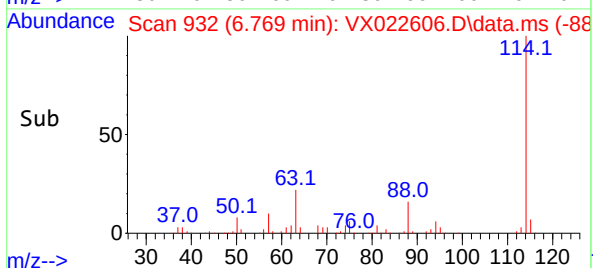
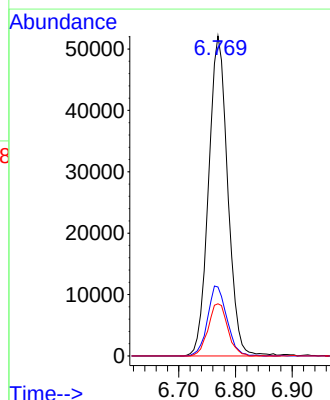
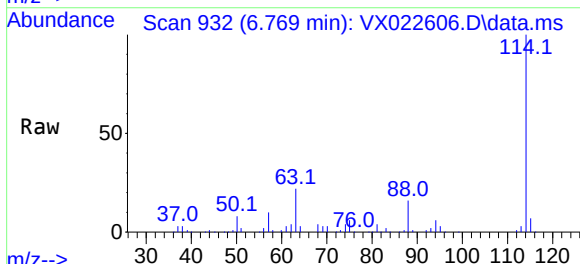
Tgt Ion: 114 Resp: 122173

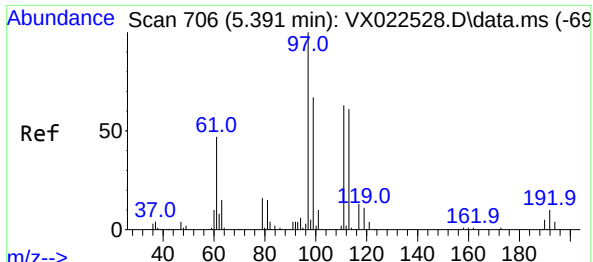
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 16.3 0.0 32.8

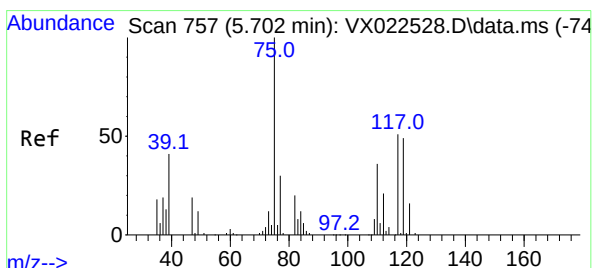
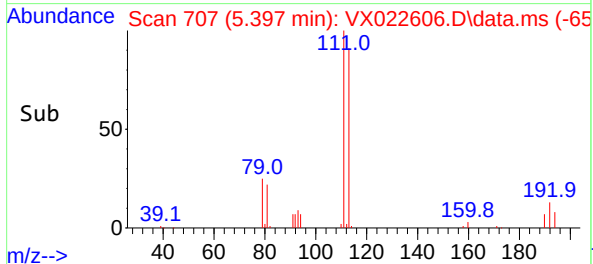
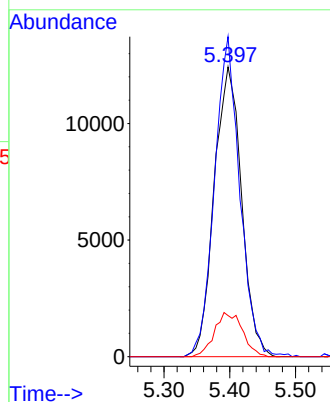
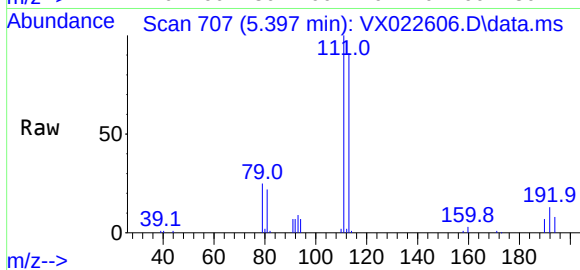




#35
Dibromofluoromethane
Concen: 47.06 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

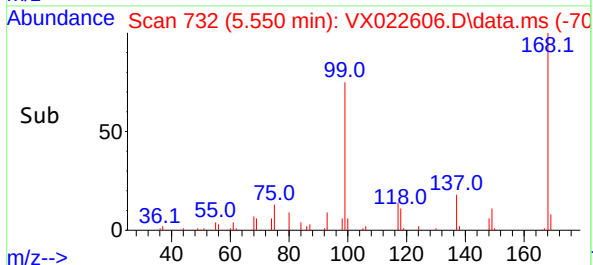
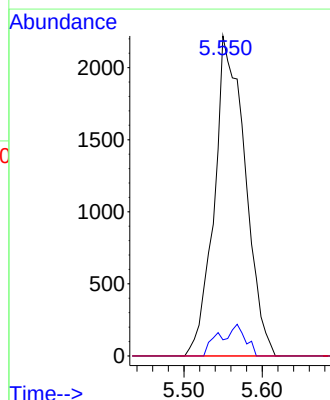
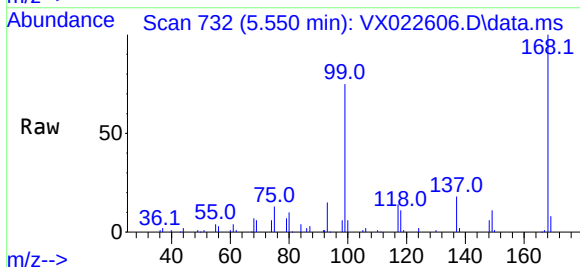
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

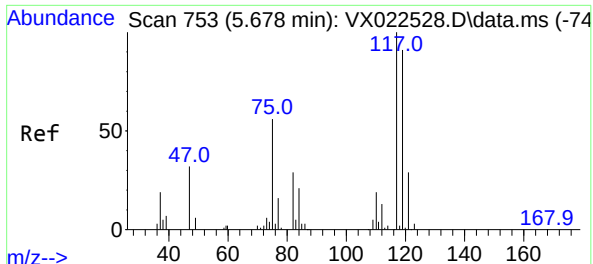
Tgt Ion:113 Resp: 35971
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 15.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

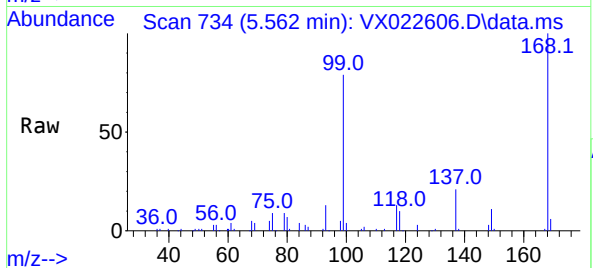
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Ion Ratio Lower Upper
75 100
110 3.0 18.1 54.4#
77 0.0 25.3 37.9#



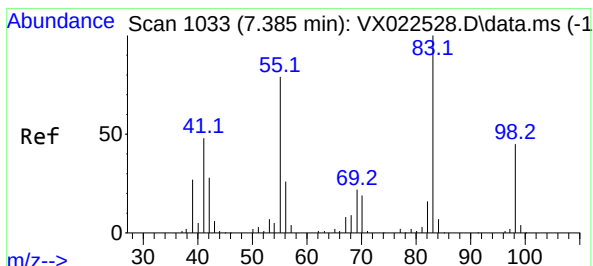
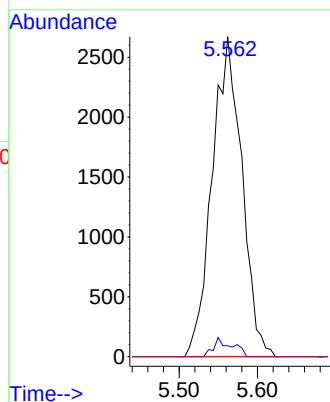
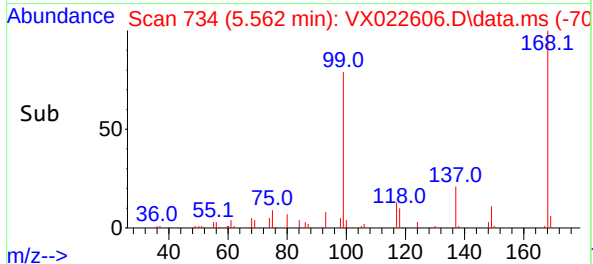


#38
Carbon Tetrachloride
Concen: 8.24 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

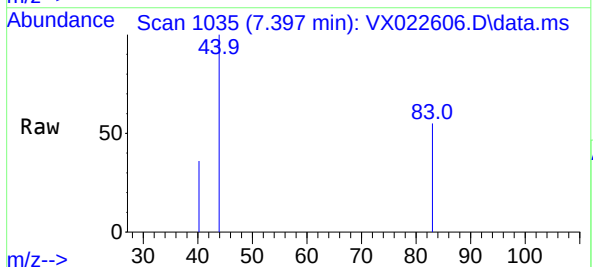
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01



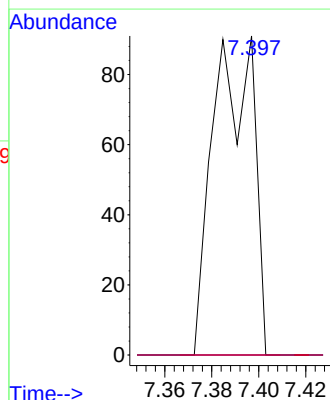
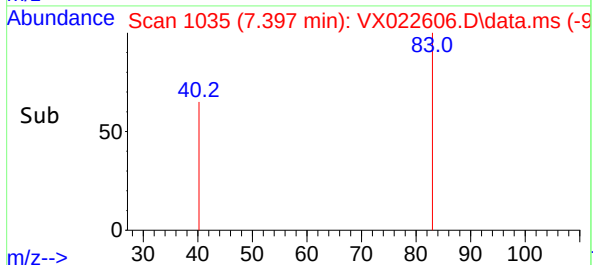
Tgt Ion:117 Resp: 7050
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

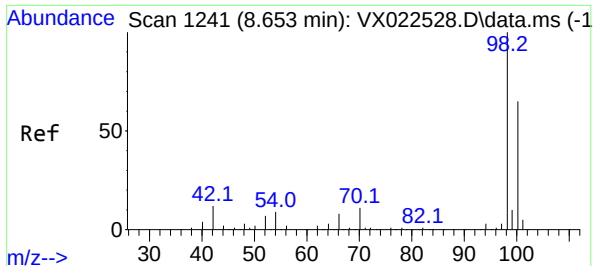


#39
Methylcyclohexane
Concen: 1.92 ug/l
RT: 7.397 min Scan# 1035
Delta R.T. 0.012 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08



Tgt Ion: 83 Resp: 108
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 38.1 57.1#





#50

Toluene-d8

Concen: 49.07 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022606.D

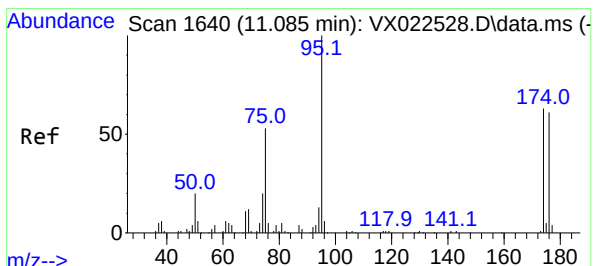
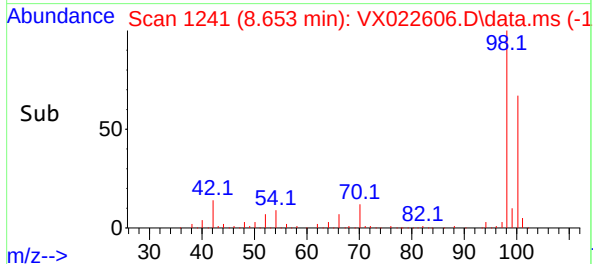
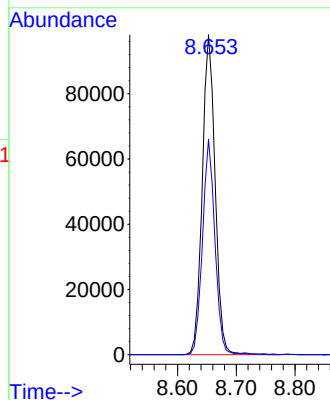
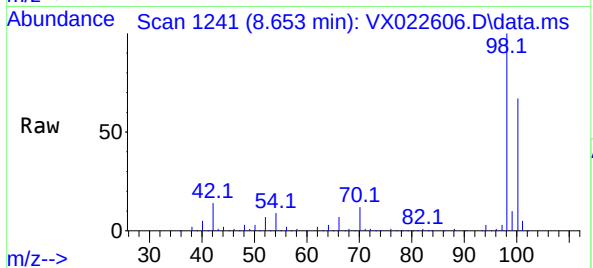
Acq: 09 Jun 2021 12:08

Tgt Ion: 98 Resp: 149659

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.09 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022606.D

Acq: 09 Jun 2021 12:08

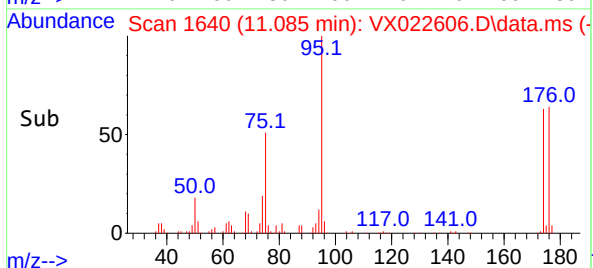
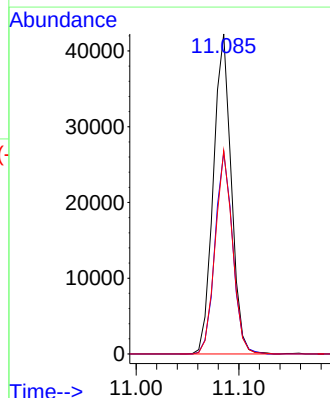
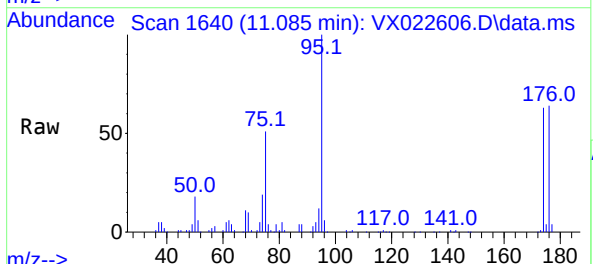
Tgt Ion: 95 Resp: 51121

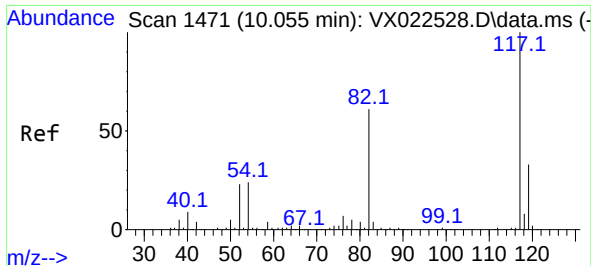
Ion Ratio Lower Upper

95 100

174 62.0 0.0 154.6

176 61.4 0.0 155.8

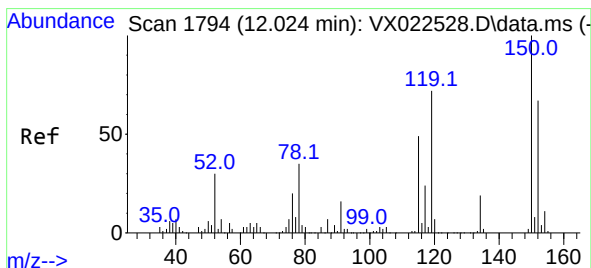
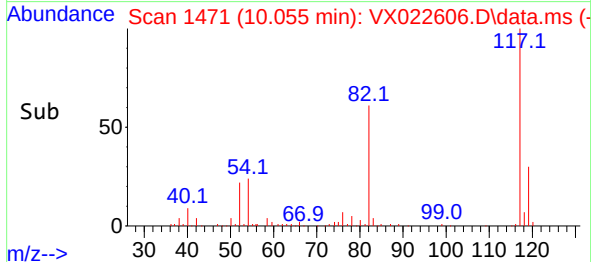
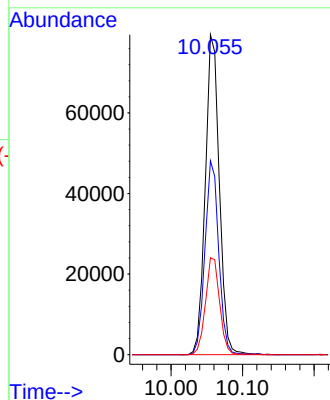
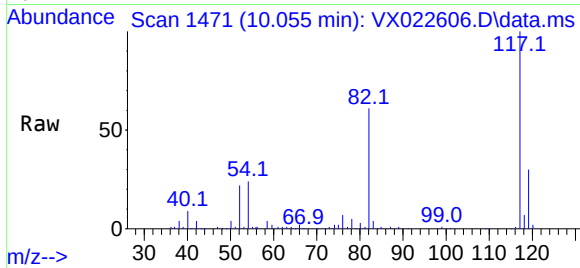




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

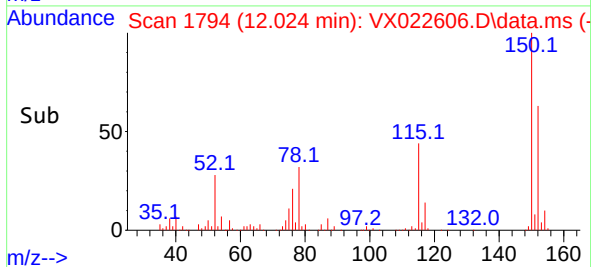
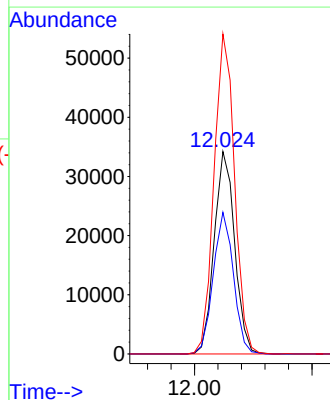
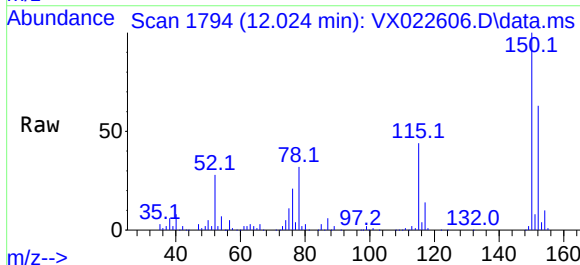
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

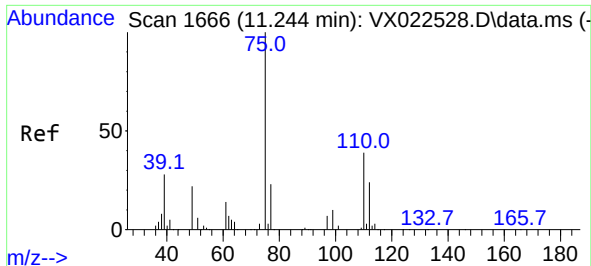
Tgt Ion:117 Resp: 108396
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 30.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Tgt Ion:152 Resp: 41354
Ion Ratio Lower Upper
152 100
115 69.2 41.1 123.3
150 158.4 0.0 349.0

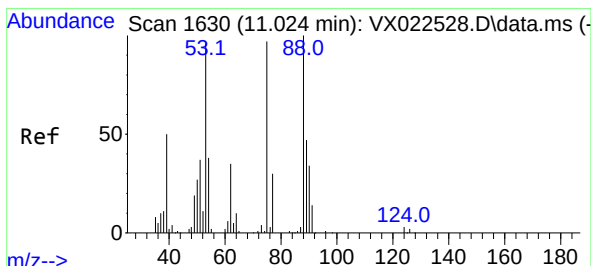
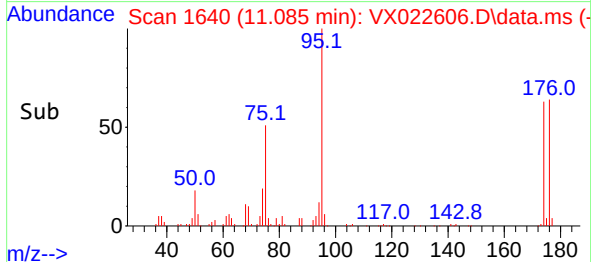
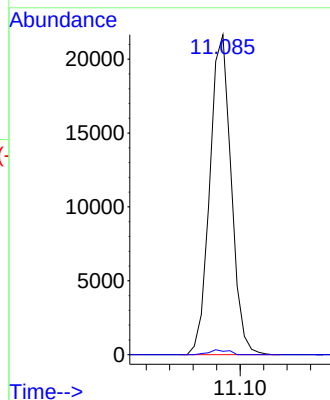
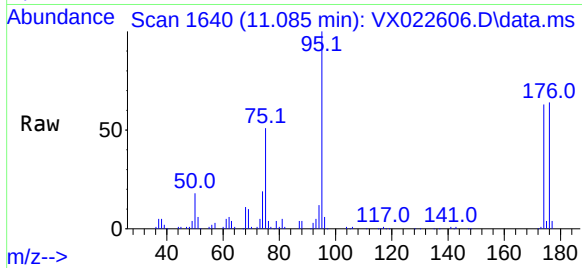




#76
1,2,3-Trichloropropane
Concen: 25.54 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

Tgt Ion: 75 Resp: 27364
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022606.D
Acq: 09 Jun 2021 12:08

Tgt Ion: 75 Resp: 27364
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

