

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027157.D
 Acq On : 23 Feb 2022 19:44
 Operator : JC/MD
 Sample : N1647-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31416

Quant Time: Feb 24 03:33:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

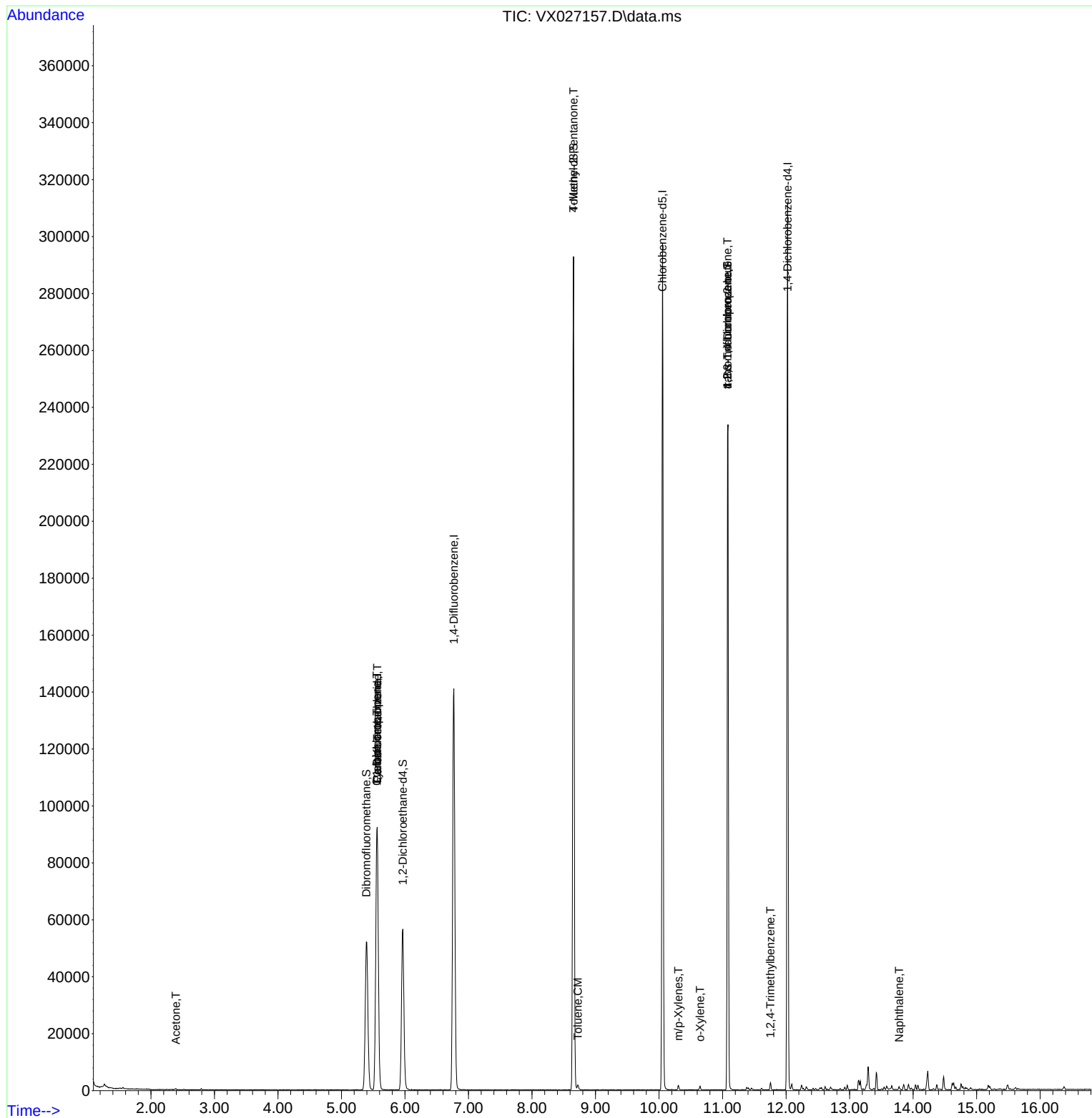
Internal Standards						
1) Pentafluorobenzene	5.562	168	90738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	151356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54001	49.553	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.100%		
35) Dibromofluoromethane	5.391	113	47104	50.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.280%		
50) Toluene-d8	8.653	98	173821	49.481	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	66747	49.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds			Qvalue			
5) Bromomethane	1.611	94	25	Below Cal	#	2
16) Acetone	2.392	43	384	0.803	ug/l	90
31) Cyclohexane	5.556	56	1618	0.991	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6469	4.718	ug/l #	51
38) Carbon Tetrachloride	5.562	117	9051	6.329	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	660	0.438	ug/l #	1
52) Toluene	8.720	92	648	0.252	ug/l	87
68) m/p-Xylenes	10.305	106	511	0.270	ug/l	93
69) o-Xylene	10.646	106	438	0.230	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	31928	24.408	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	31928	69.245	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1443	0.371	ug/l	95
95) Naphthalene	13.780	128	919	0.201	ug/l	95

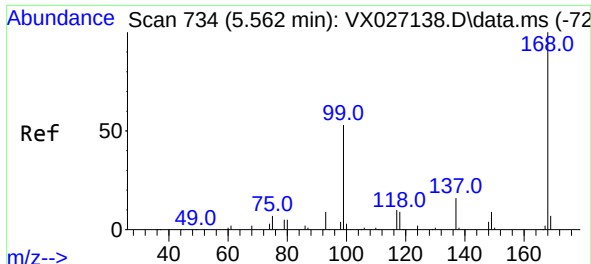
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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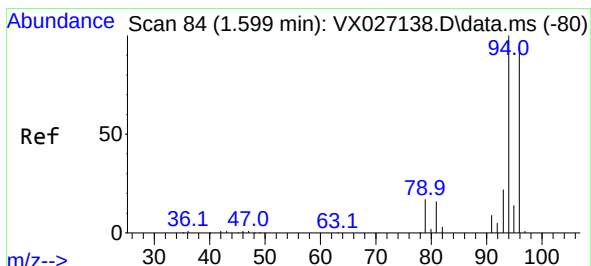
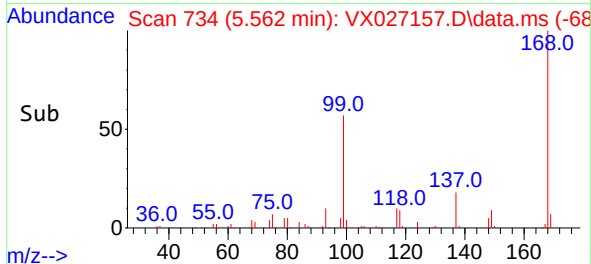
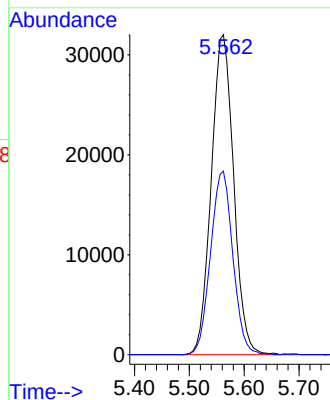
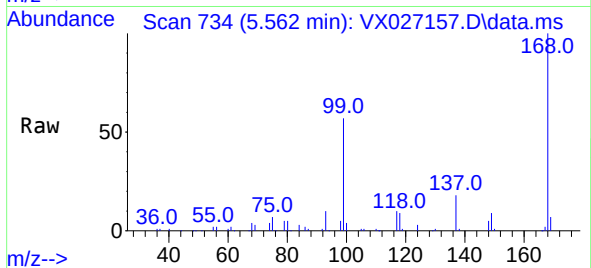




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

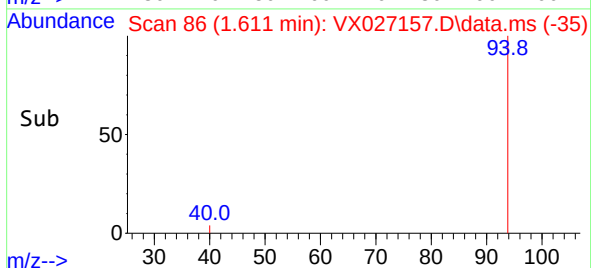
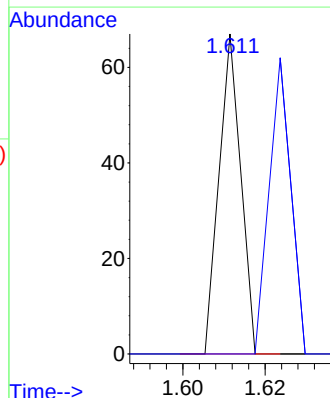
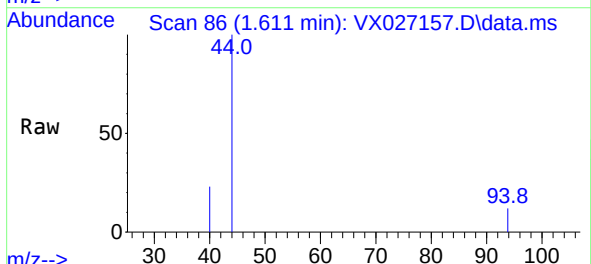
Instrument :
MSVOA_X
ClientSampleId :
31416

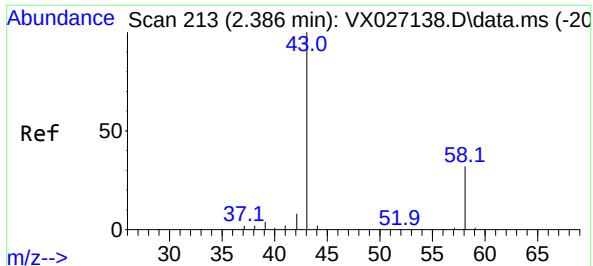
Tgt Ion:168 Resp: 90738
Ion Ratio Lower Upper
168 100
99 57.4 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

Tgt Ion: 94 Resp: 25
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

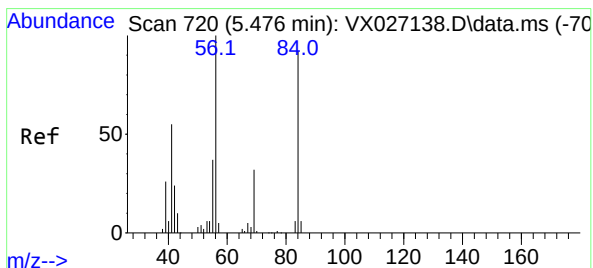
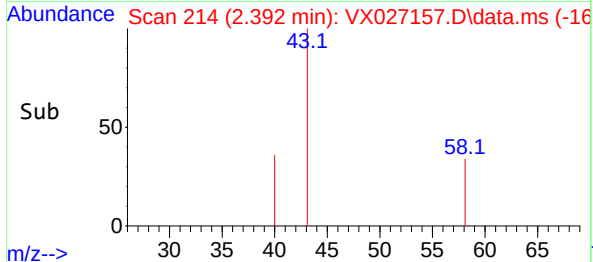
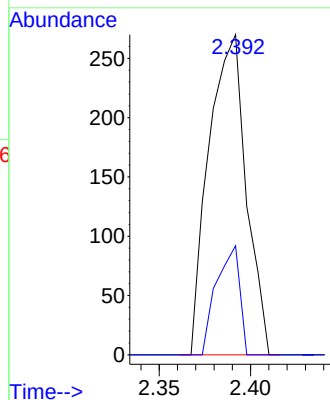
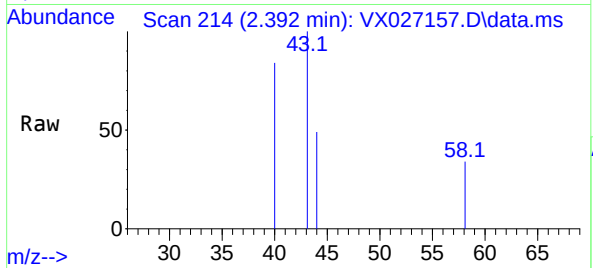




#16
Acetone
Concen: 0.803 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

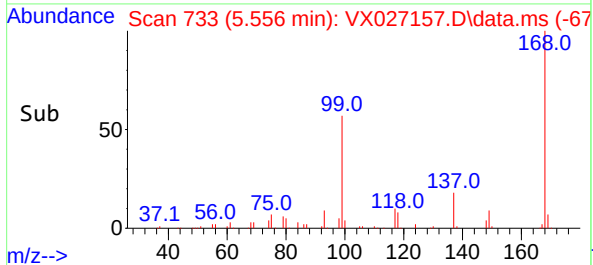
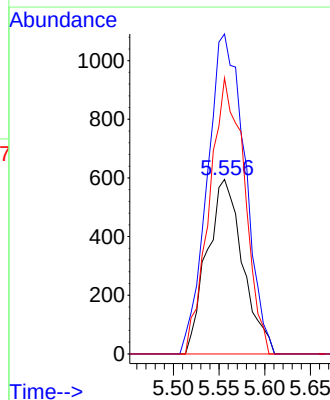
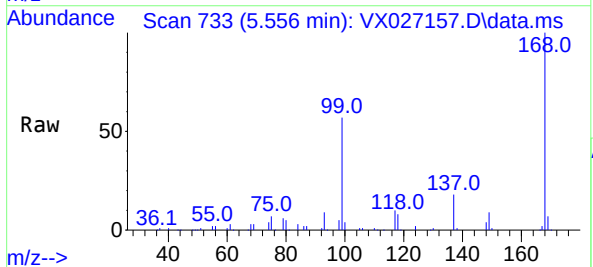
Instrument :
MSVOA_X
ClientSampleId :
31416

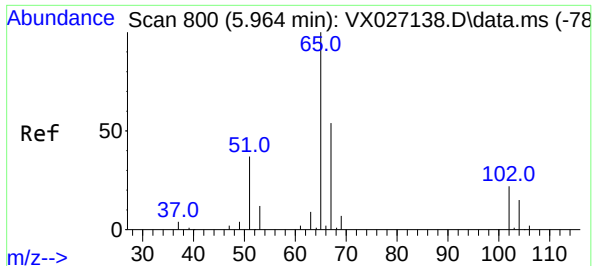
Tgt Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
58 34.1 23.0 34.6



#31
Cyclohexane
Concen: 0.991 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

Tgt Ion: 56 Resp: 1618
Ion Ratio Lower Upper
56 100
69 183.4 25.8 38.6#
84 158.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.553 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027157.D

Acq: 23 Feb 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

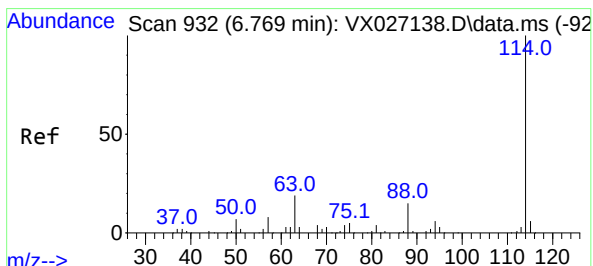
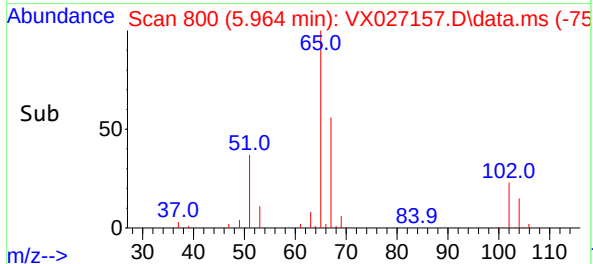
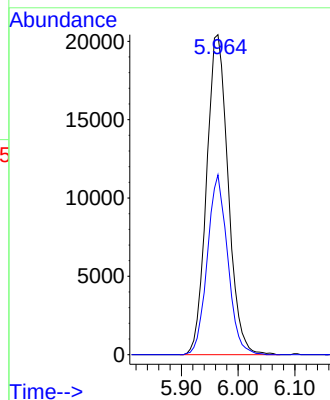
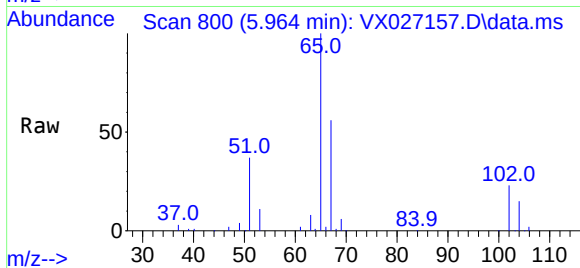
31416

Tgt Ion: 65 Resp: 54001

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027157.D

Acq: 23 Feb 2022 19:44

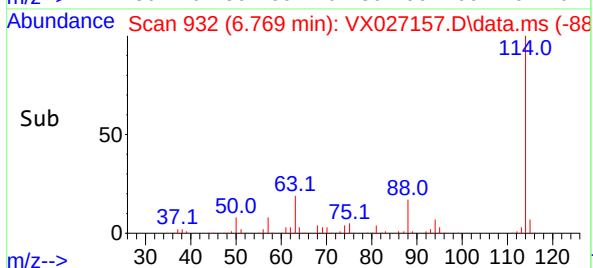
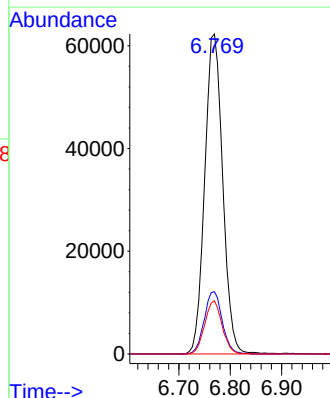
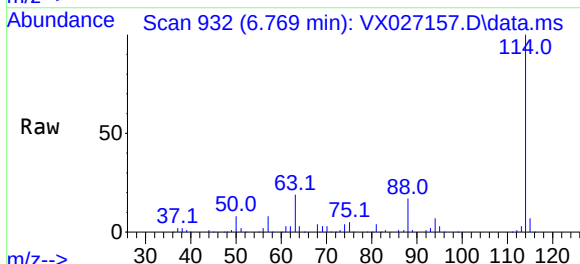
Tgt Ion: 114 Resp: 151356

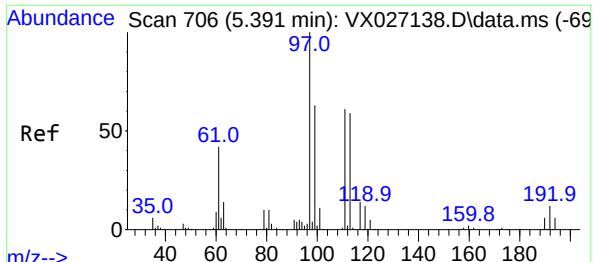
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.138 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027157.D

Acq: 23 Feb 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

31416

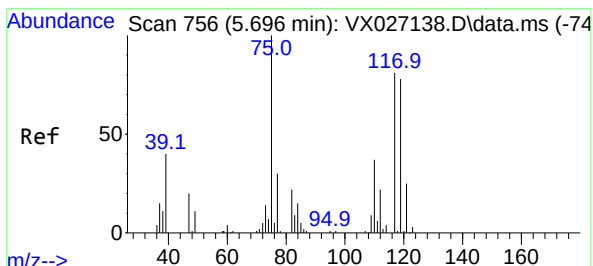
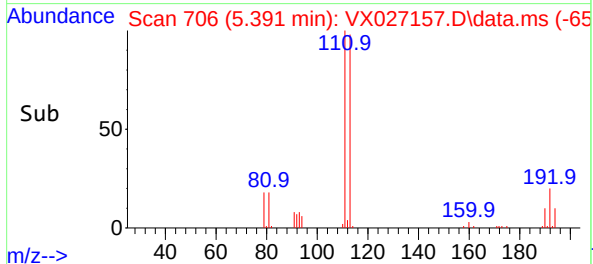
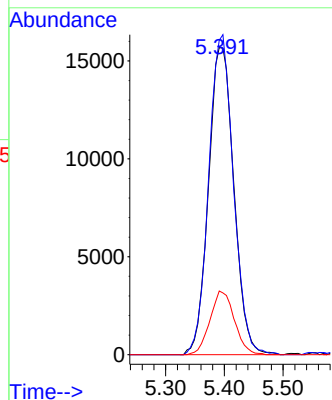
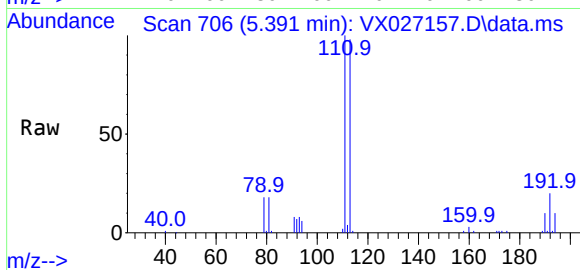
Tgt Ion:113 Resp: 47104

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

192 19.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.718 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027157.D

Acq: 23 Feb 2022 19:44

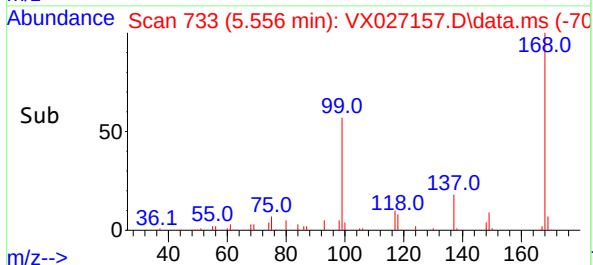
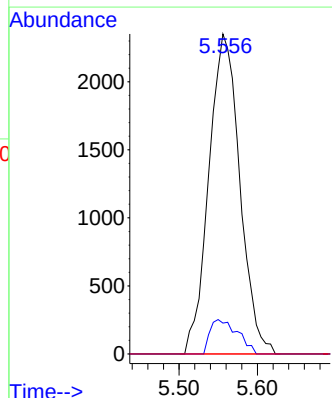
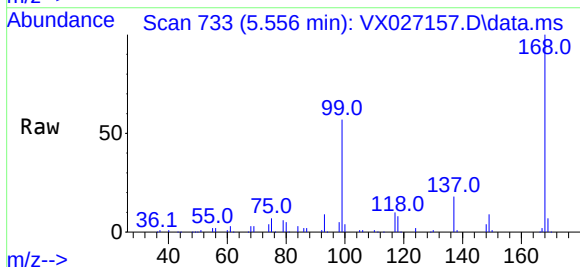
Tgt Ion: 75 Resp: 6469

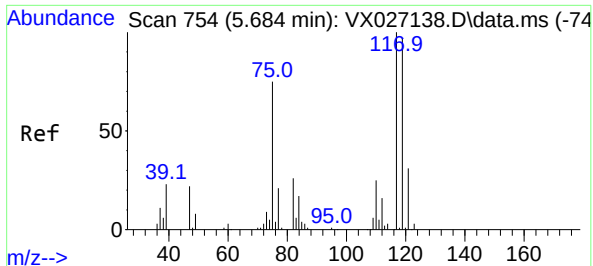
Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

77 0.0 24.6 36.8#

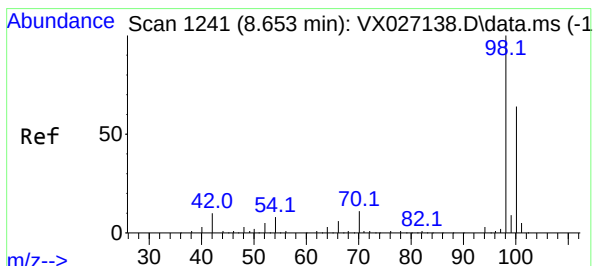
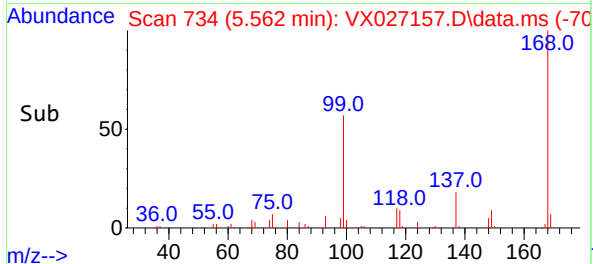
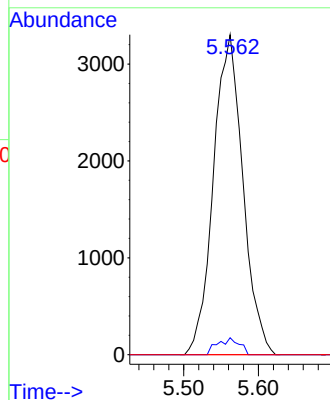
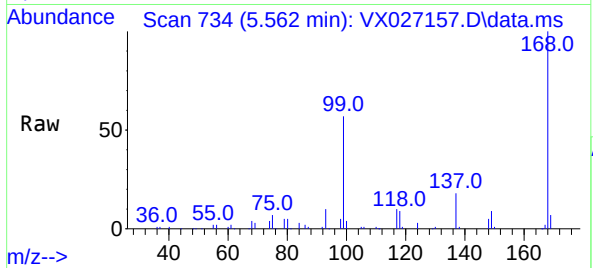




#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.122 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

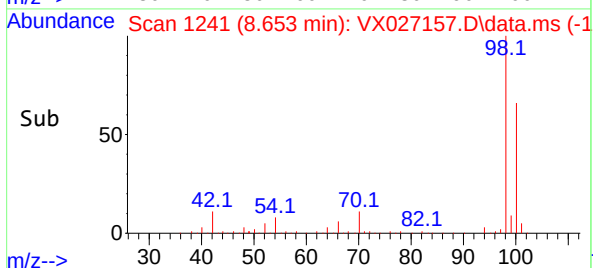
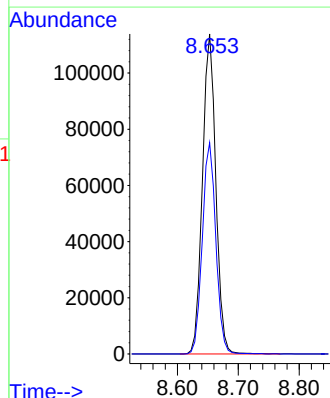
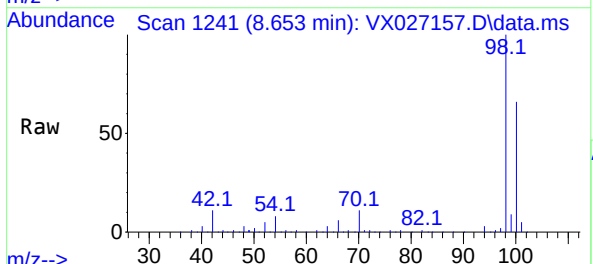
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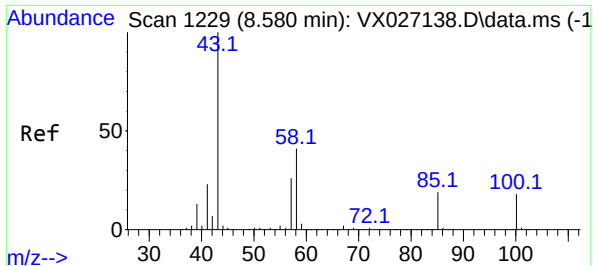
Tgt Ion:117 Resp: 9051
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.481 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

Tgt Ion: 98 Resp: 173821
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

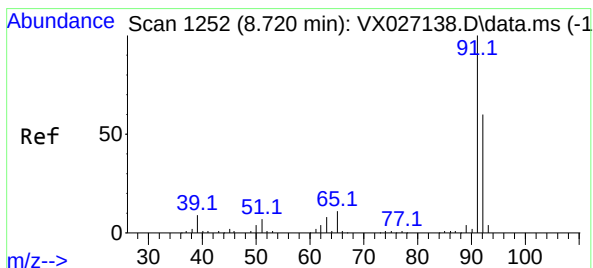
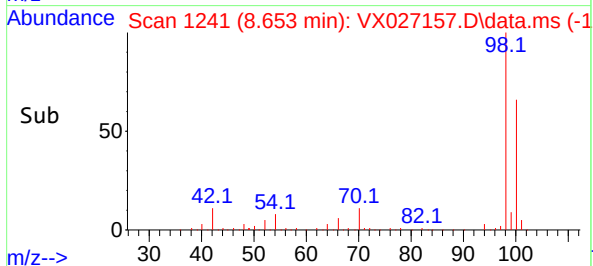
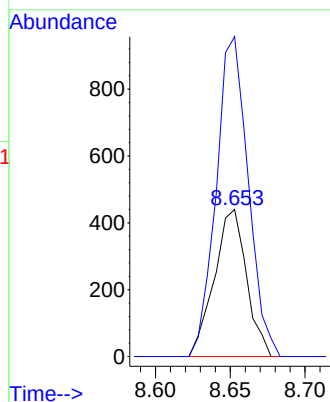
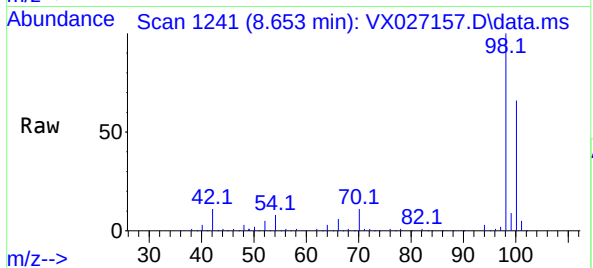




#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

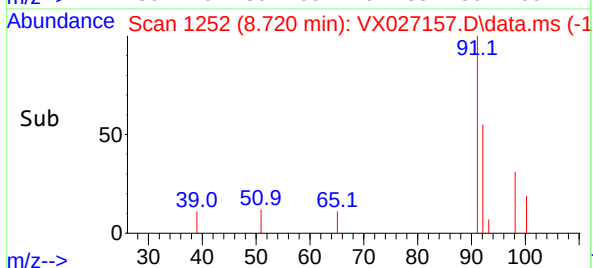
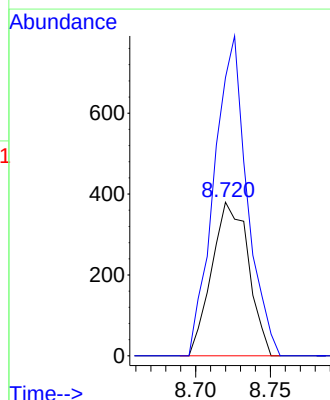
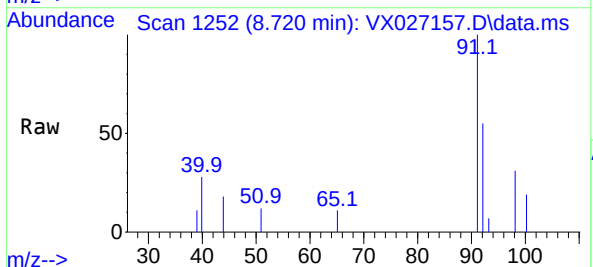
Instrument :
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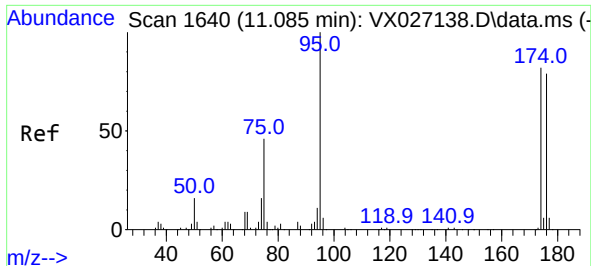
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 215.8 30.5 45.7#



#52
Toluene
Concen: 0.252 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

Tgt Ion: 92 Resp: 648
Ion Ratio Lower Upper
92 100
91 187.3 135.7 203.5

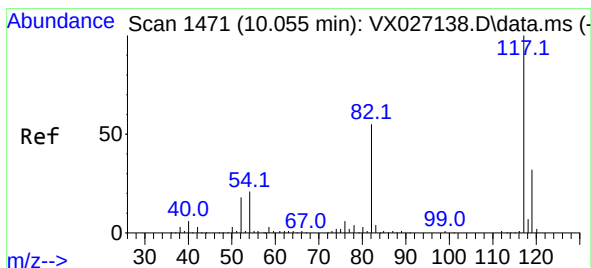
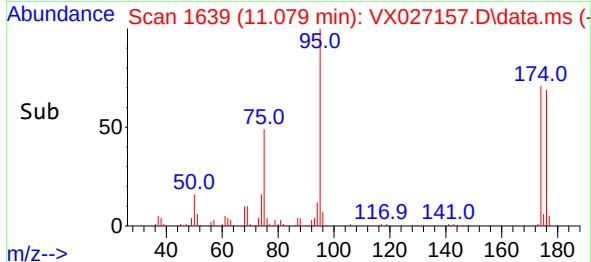
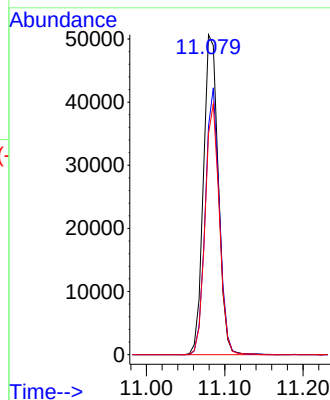
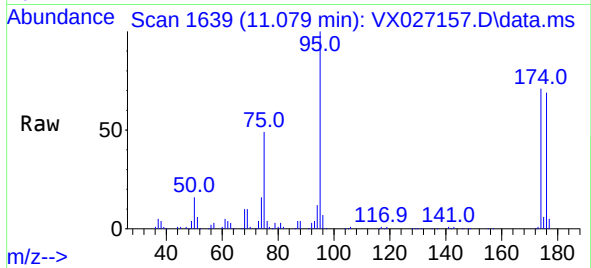




#62
4-Bromofluorobenzene
Concen: 49.500 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

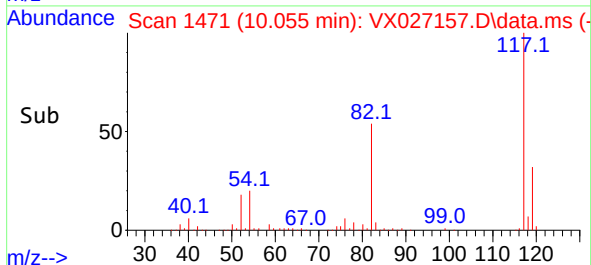
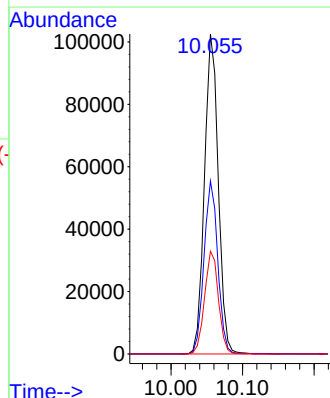
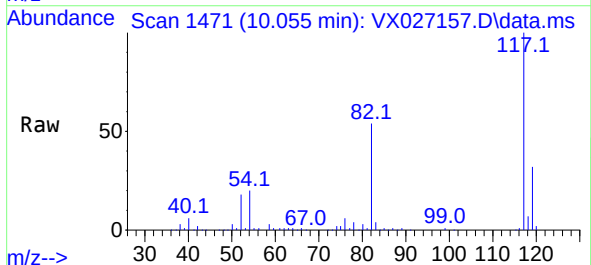
Instrument :
MSVOA_X
ClientSampleId :
31416

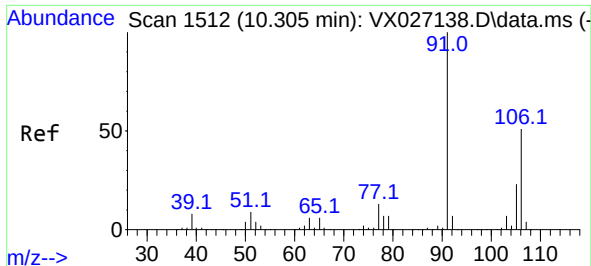
Tgt Ion: 95 Resp: 66747
Ion Ratio Lower Upper
95 100
174 78.8 0.0 148.6
176 75.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

Tgt Ion: 117 Resp: 137690
Ion Ratio Lower Upper
117 100
82 54.0 45.2 67.8
119 32.1 26.2 39.2

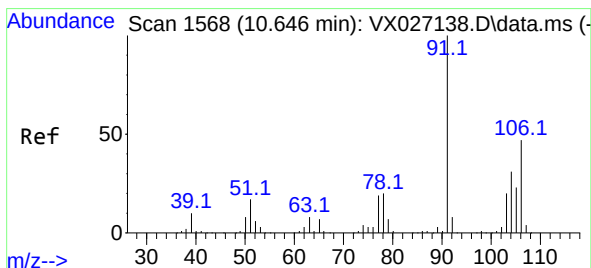
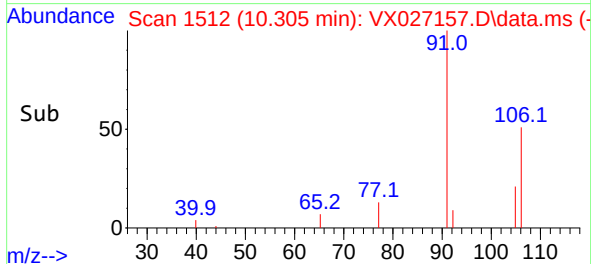
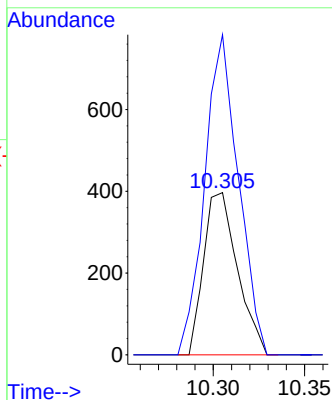
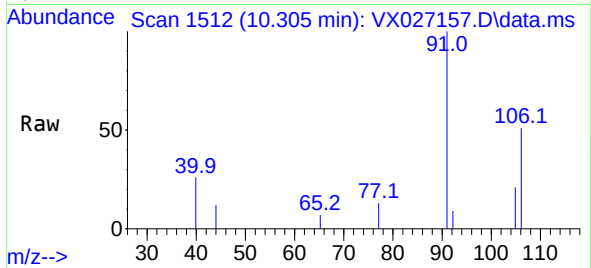




#68
m/p-Xylenes
Concen: 0.270 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

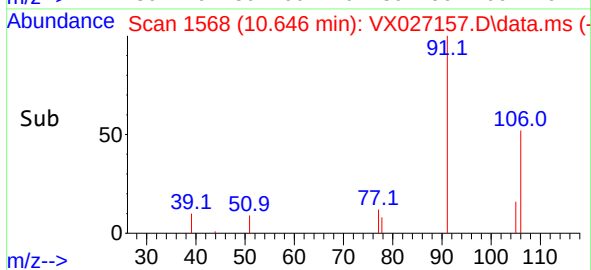
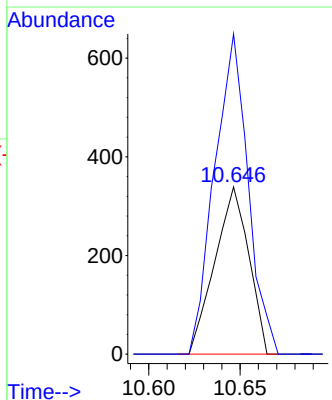
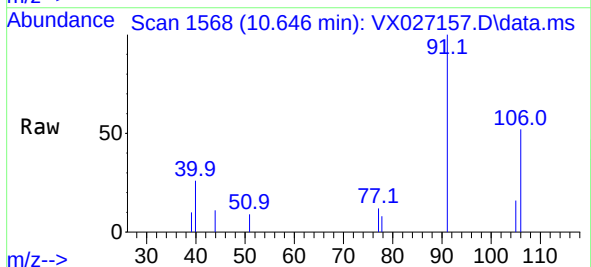
Instrument :
MSVOA_X
ClientSampleId :
31416

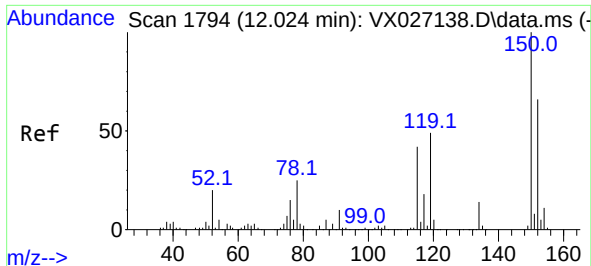
Tgt Ion:106 Resp: 511
Ion Ratio Lower Upper
106 100
91 196.5 165.3 247.9



#69
o-Xylene
Concen: 0.230 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

Tgt Ion:106 Resp: 438
Ion Ratio Lower Upper
106 100
91 188.4 109.7 329.0

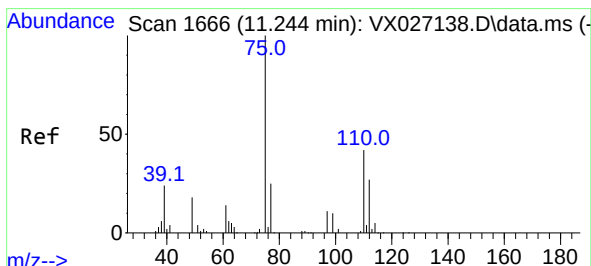
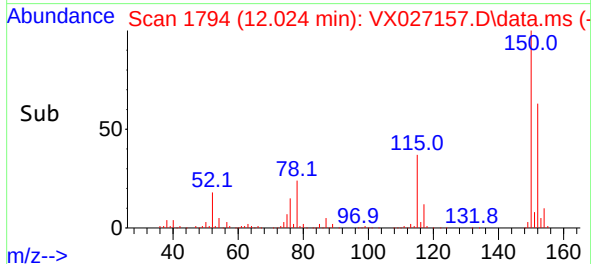
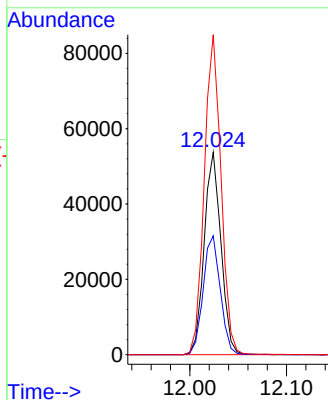
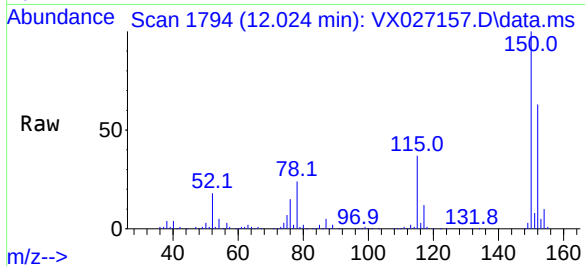




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

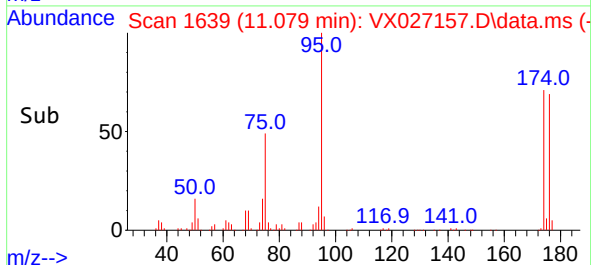
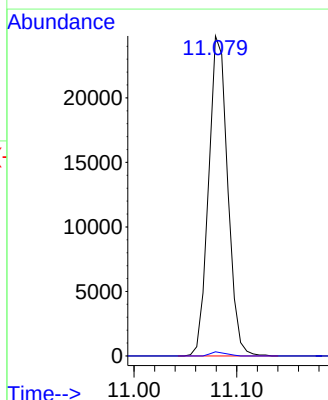
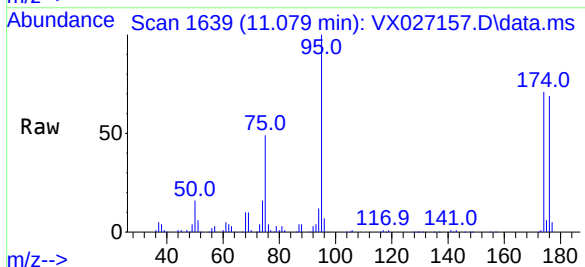
Instrument :
MSVOA_X
ClientSampleId :
31416

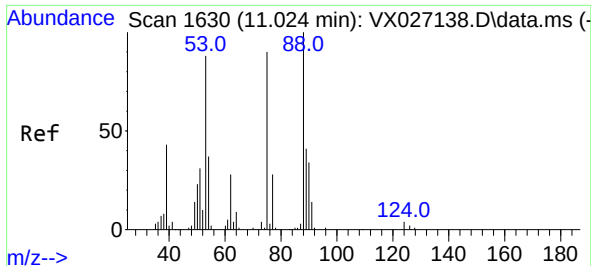
Tgt Ion:152 Resp: 64943
Ion Ratio Lower Upper
152 100
115 60.2 44.2 132.6
150 157.8 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

Tgt Ion: 75 Resp: 31928
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#

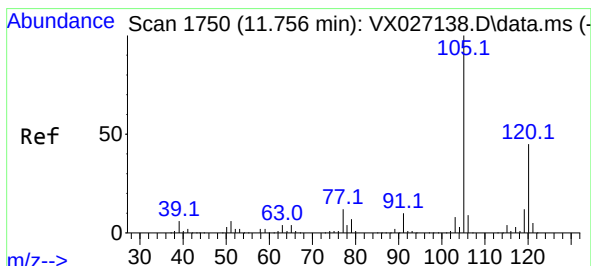
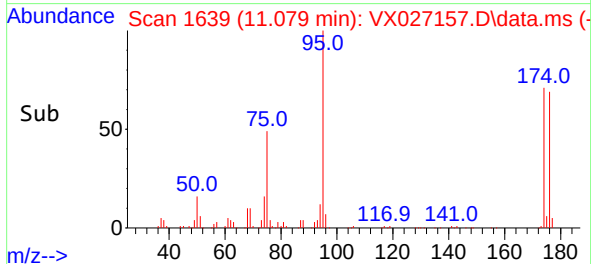
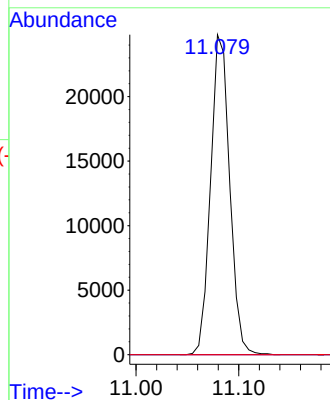
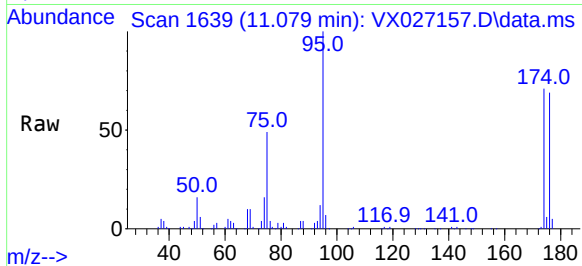




#81
trans-1,4-Dichloro-2-butene
Concen: 69.245 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

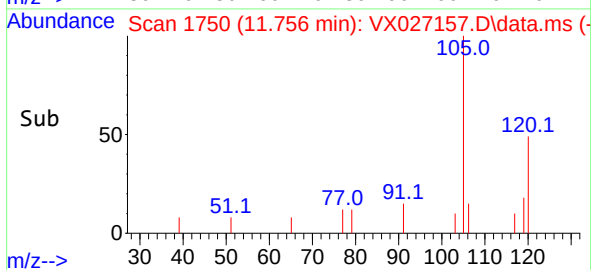
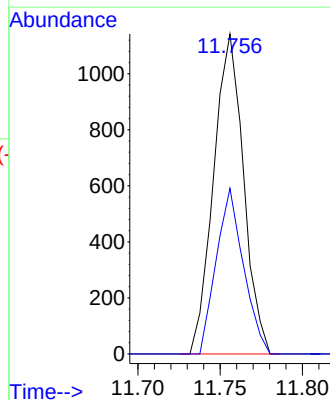
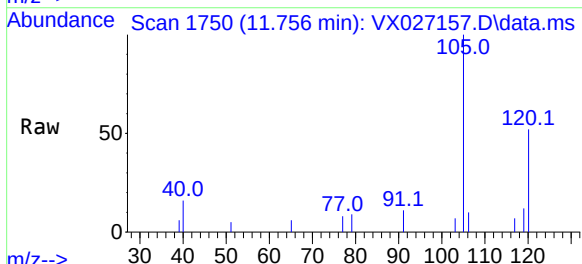
Instrument :
MSVOA_X
ClientSampleId :
31416

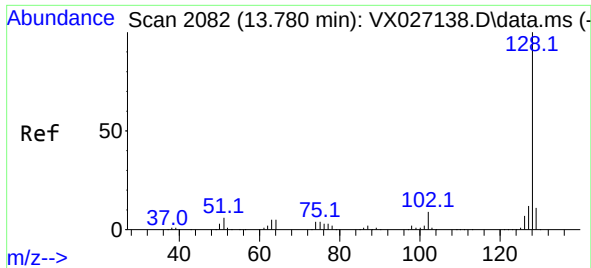
Tgt Ion: 75 Resp: 31928
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.371 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

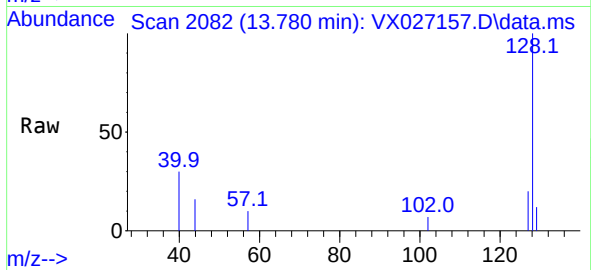
Tgt Ion: 105 Resp: 1443
Ion Ratio Lower Upper
105 100
120 47.1 21.9 65.5





#95
Naphthalene
Concen: 0.201 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027157.D
Acq: 23 Feb 2022 19:44

Instrument :
MSVOA_X
ClientSampleId :
31416



Tgt Ion:	128	Resp:	919
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.3	15.5
129	9.6	8.7	13.1

