

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027174.D
 Acq On : 24 Feb 2022 16:49
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 25 00:05:39 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)

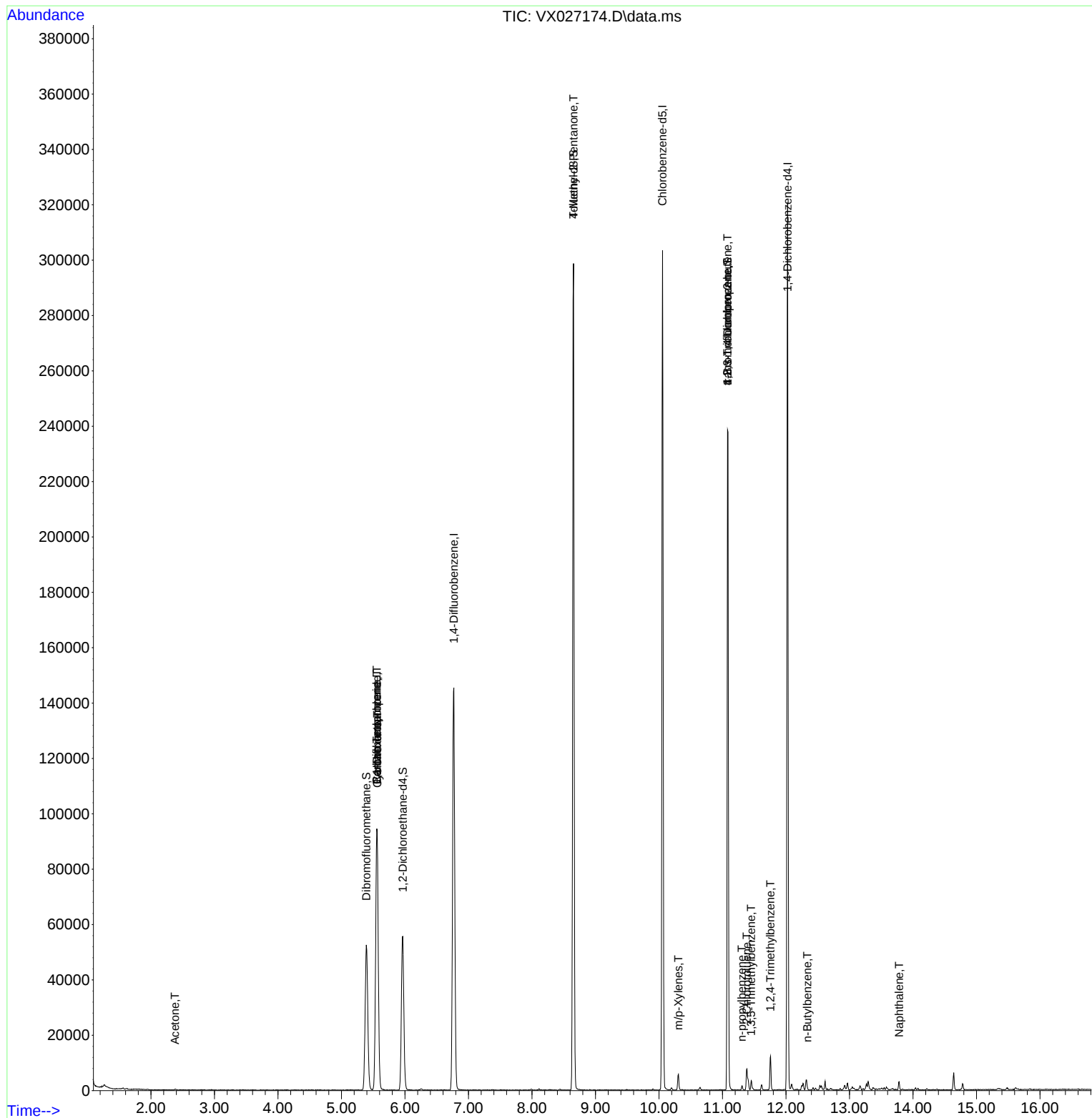
Internal Standards						
1) Pentafluorobenzene	5.556	168	94683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55109	48.462	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.920%		
35) Dibromofluoromethane	5.391	113	46864	48.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	8.653	98	179487	49.399	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.800%		
62) 4-Bromofluorobenzene	11.079	95	69198	49.615	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.220%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	123	Below Cal		84
16) Acetone	2.380	43	296	0.593 ug/l #		78
31) Cyclohexane	5.562	56	1659	0.974 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	6682	4.712 ug/l #		50
38) Carbon Tetrachloride	5.556	117	9028	6.104 ug/l #		16
51) 4-Methyl-2-Pentanone	8.653	43	786	0.505 ug/l #		1
68) m/p-Xylenes	10.305	106	1501	0.760 ug/l		96
76) 1,2,3-Trichloropropane	11.079	75	33158	24.135 ug/l #		40
78) n-propylbenzene	11.305	91	1195	0.215 ug/l		96
79) 2-Chlorotoluene	11.384	91	733	0.216 ug/l #		42
80) 1,3,5-Trimethylbenzene	11.451	105	1818	0.443 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.079	75	33158	68.526 ug/l #		3
84) 1,2,4-Trimethylbenzene	11.756	105	5731	1.404 ug/l		96
89) n-Butylbenzene	12.335	91	784	0.220 ug/l #		29
95) Naphthalene	13.780	128	2303	0.481 ug/l #		93

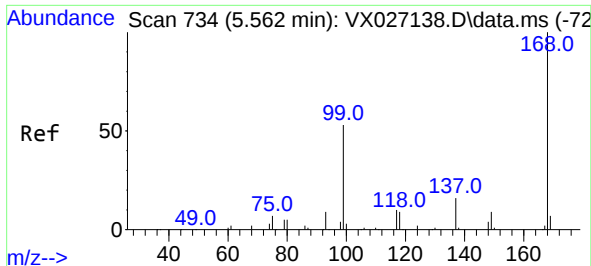
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
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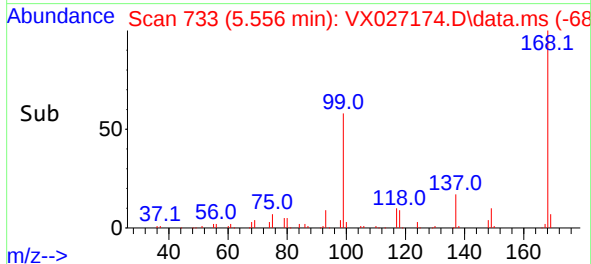
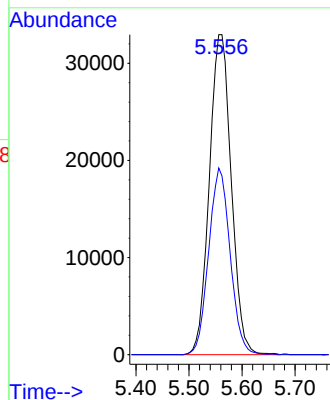
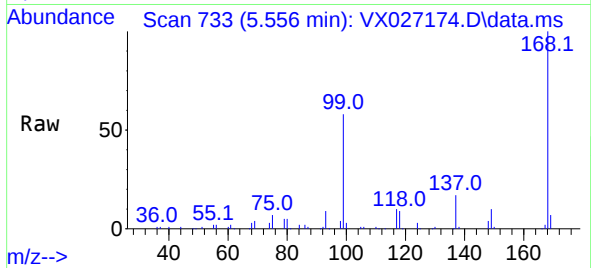




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

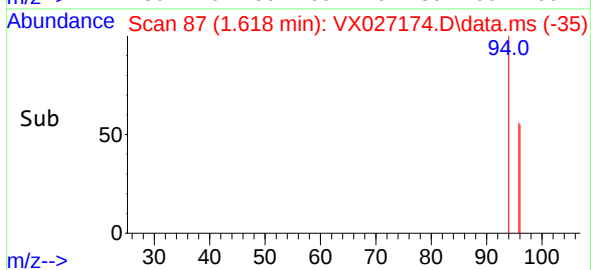
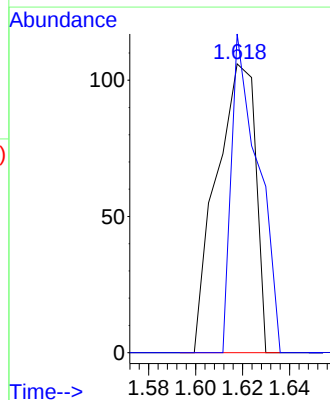
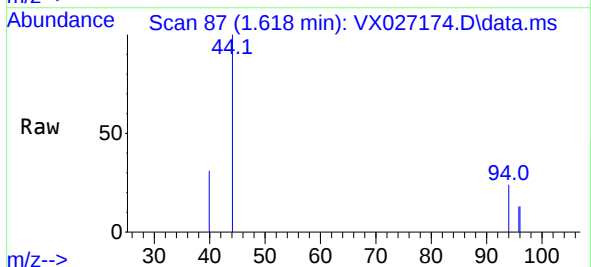
Instrument :
MSVOA_X
ClientSampleId :
IBLK

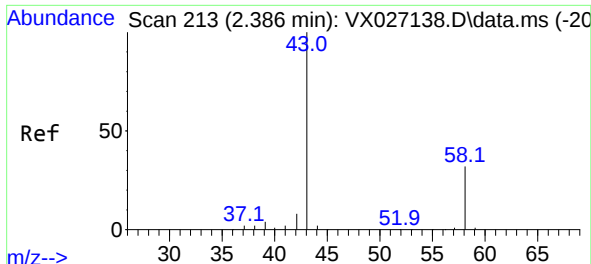
Tgt Ion:168 Resp: 94683
Ion Ratio Lower Upper
168 100
99 58.3 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 110.4 75.9 113.9

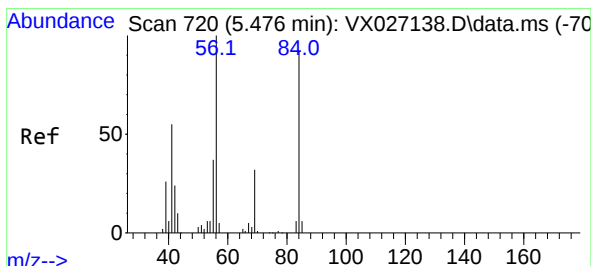
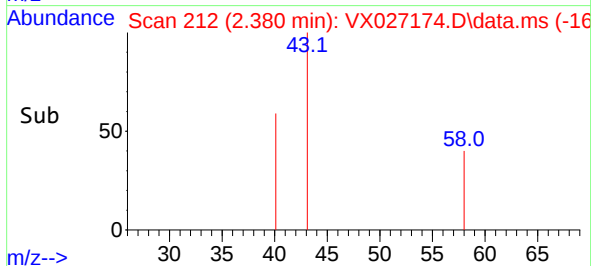
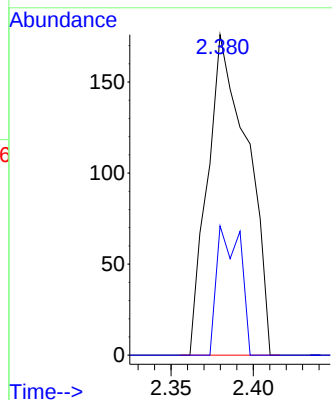
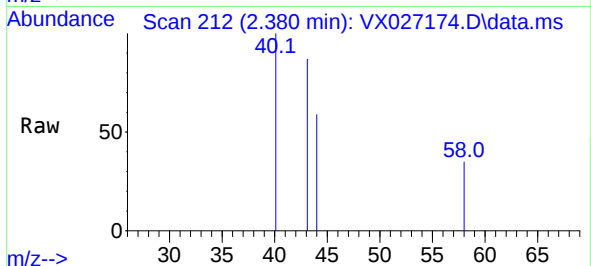




#16
Acetone
Concen: 0.593 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

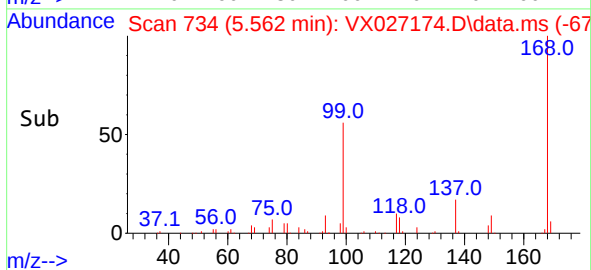
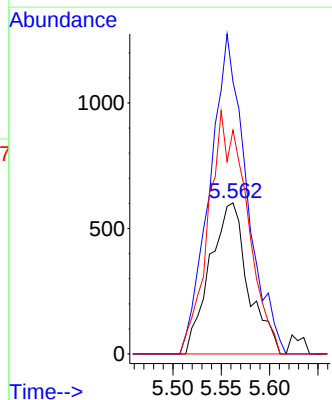
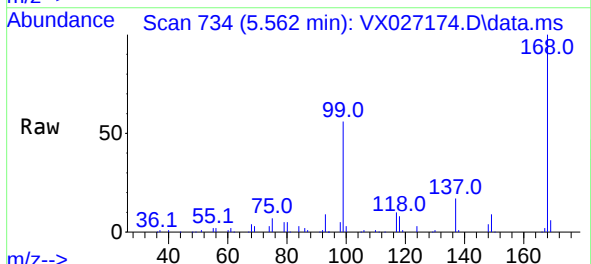
Instrument :
MSVOA_X
ClientSampleId :
IBLK

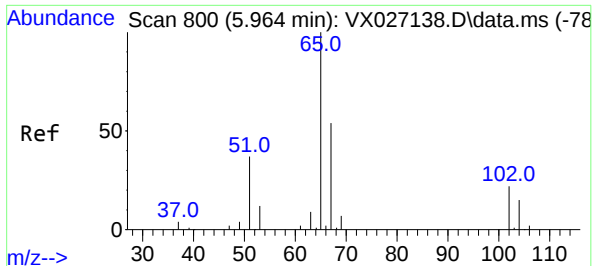
Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
58 40.3 23.0 34.6#



#31
Cyclohexane
Concen: 0.974 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Tgt Ion: 56 Resp: 1659
Ion Ratio Lower Upper
56 100
69 180.1 25.8 38.6#
84 148.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.462 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027174.D

Acq: 24 Feb 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

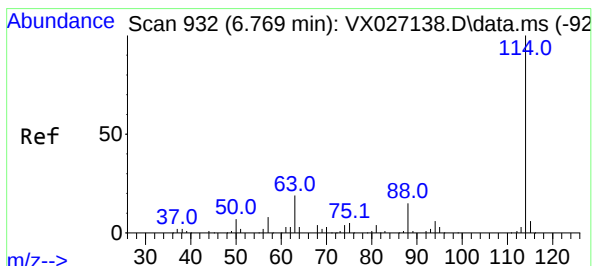
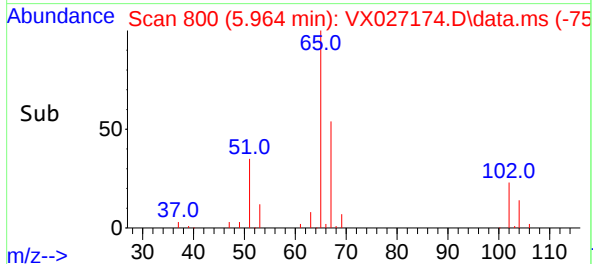
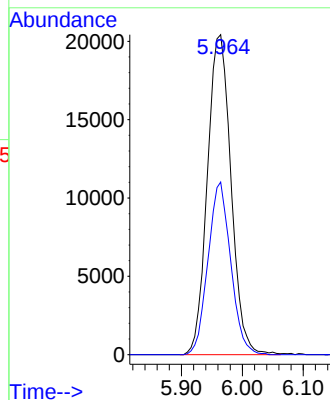
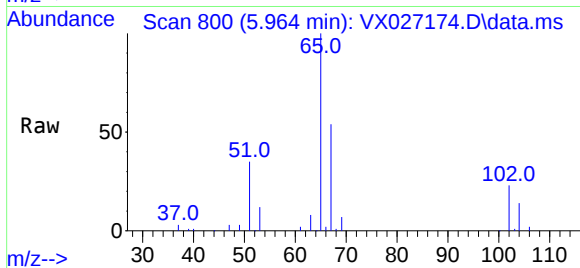
IBLK

Tgt Ion: 65 Resp: 55109

Ion Ratio Lower Upper

65 100

67 51.7 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: VX027174.D

Acq: 24 Feb 2022 16:49

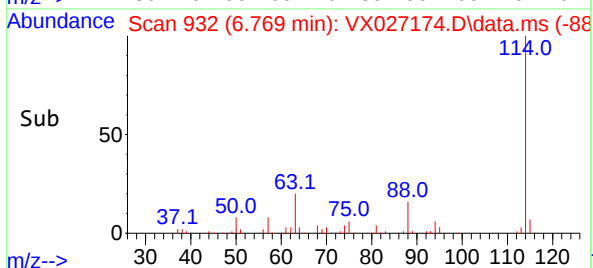
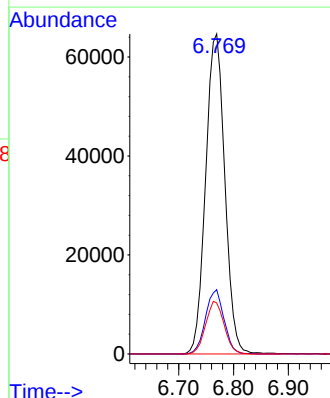
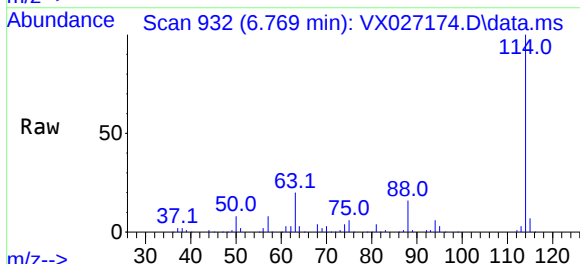
Tgt Ion: 114 Resp: 156551

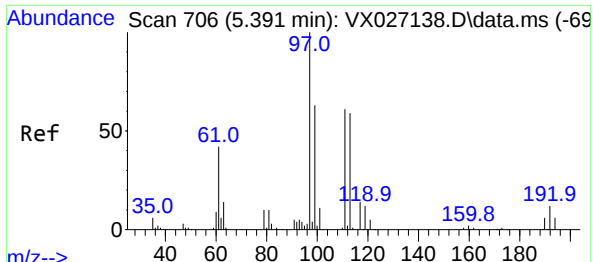
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 16.0 0.0 33.0

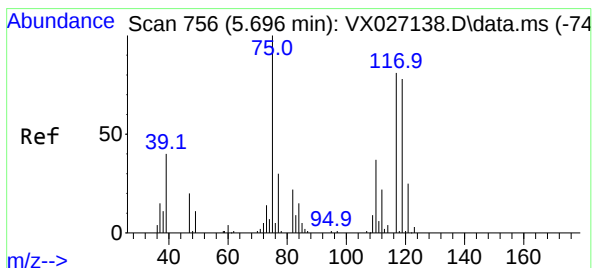
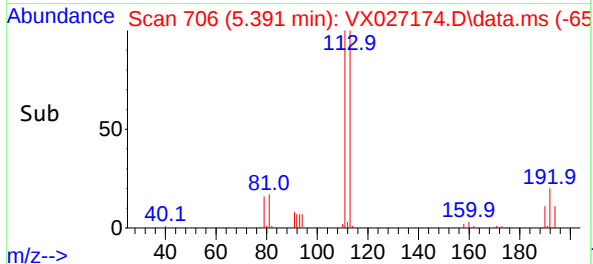
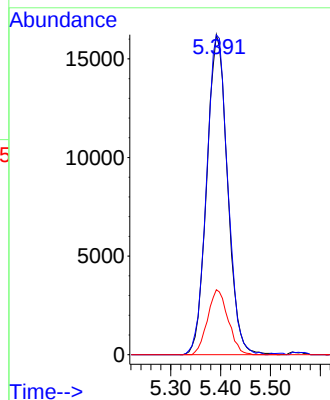
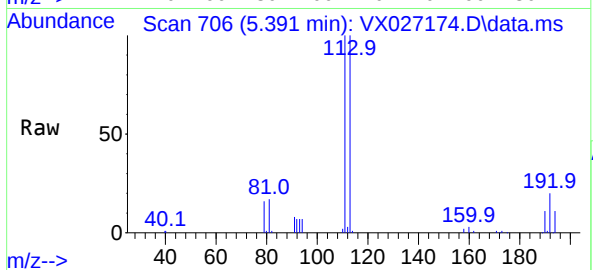




#35
Dibromofluoromethane
Concen: 48.227 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

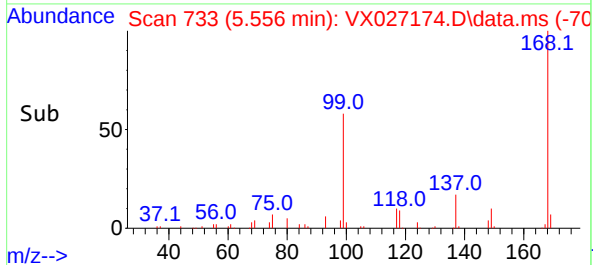
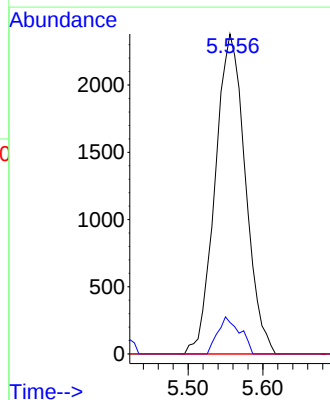
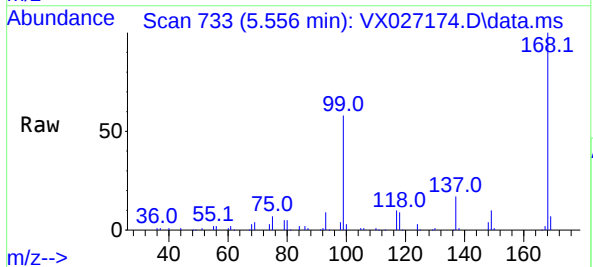
Instrument :
MSVOA_X
ClientSampleId :
IBLK

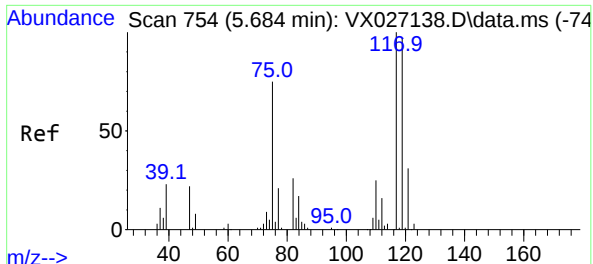
Tgt Ion:113 Resp: 46864
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 20.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

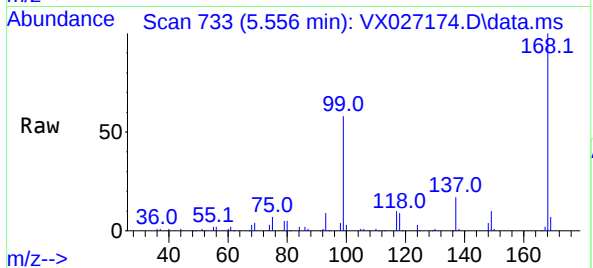
Tgt Ion: 75 Resp: 6682
Ion Ratio Lower Upper
75 100
110 8.5 17.2 51.6#
77 0.0 24.6 36.8#



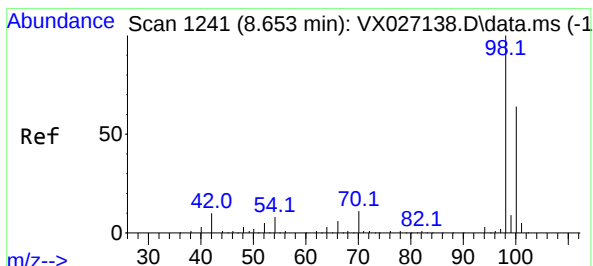
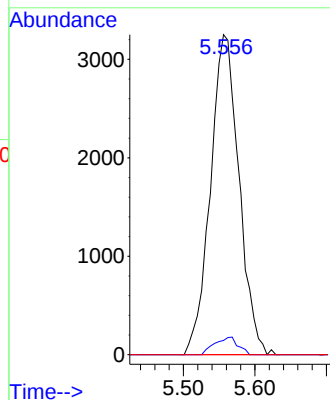
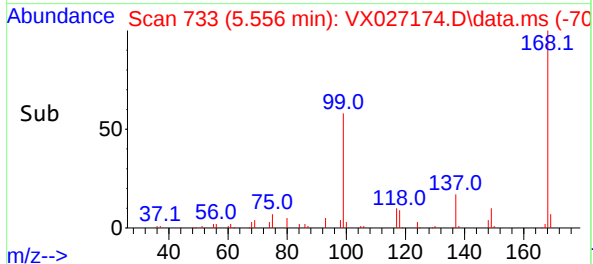


#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
IBLK

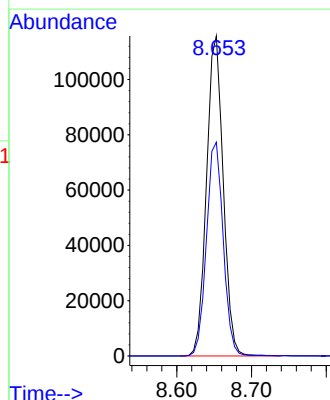
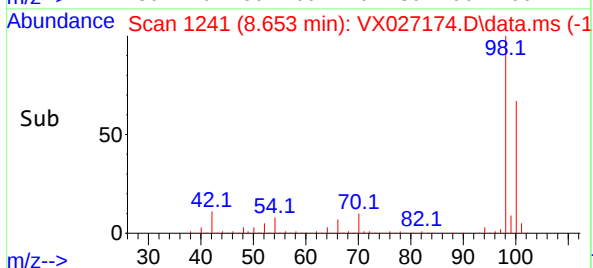
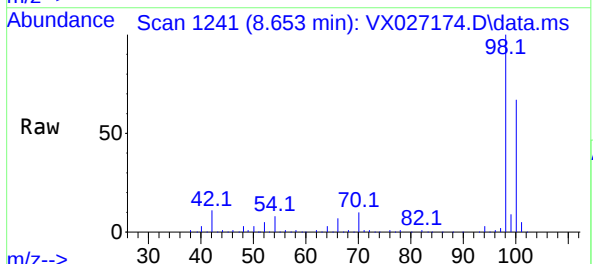


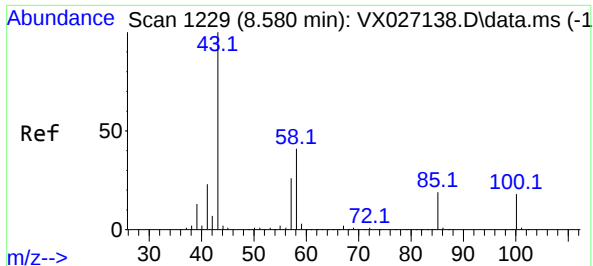
Tgt Ion:117 Resp: 9028
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.399 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Tgt Ion: 98 Resp: 179487
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.505 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027174.D

Acq: 24 Feb 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

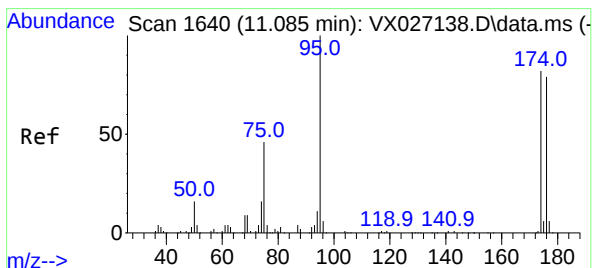
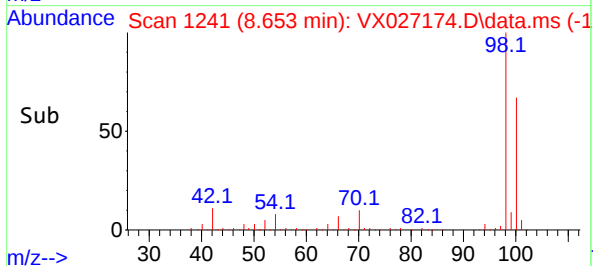
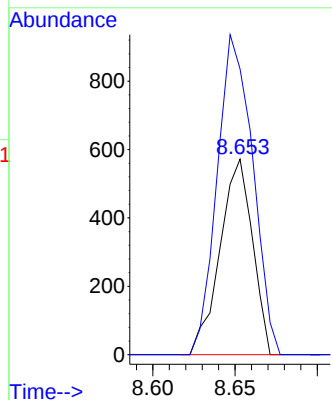
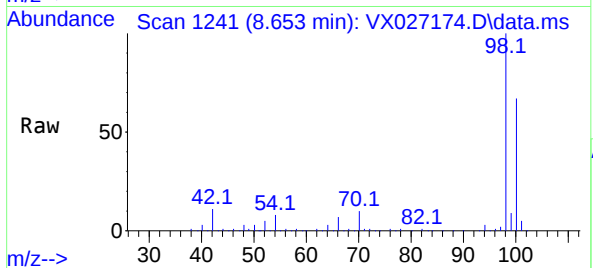
IBLK

Tgt Ion: 43 Resp: 786

Ion Ratio Lower Upper

43 100

58 179.3 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 49.615 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027174.D

Acq: 24 Feb 2022 16:49

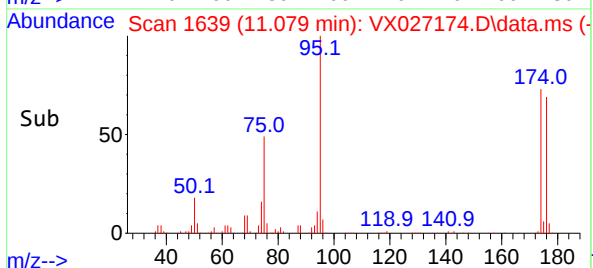
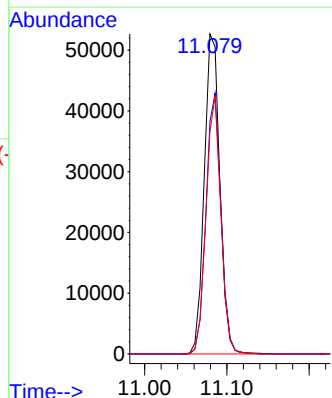
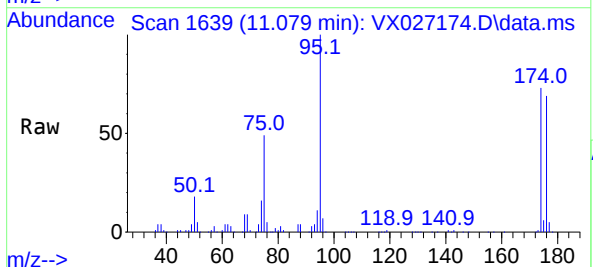
Tgt Ion: 95 Resp: 69198

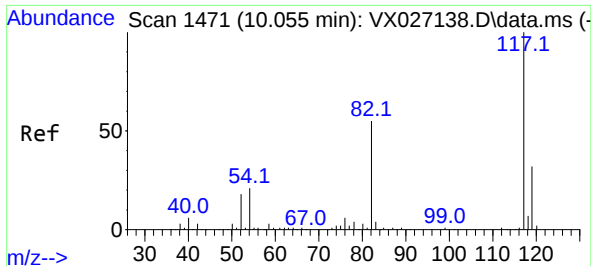
Ion Ratio Lower Upper

95 100

174 79.1 0.0 148.6

176 76.4 0.0 141.4

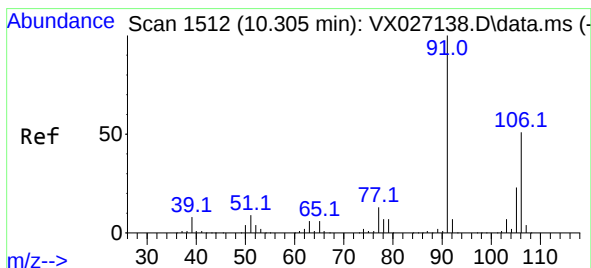
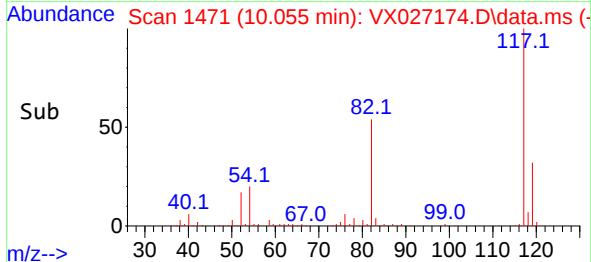
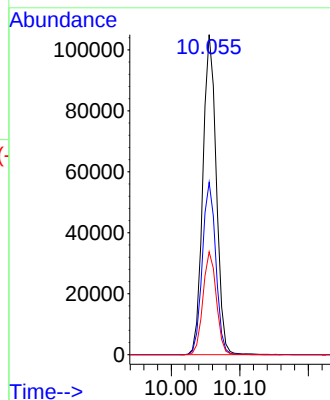
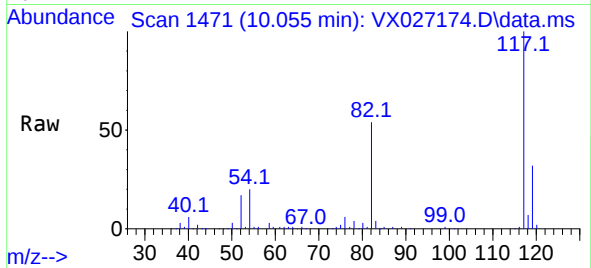




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

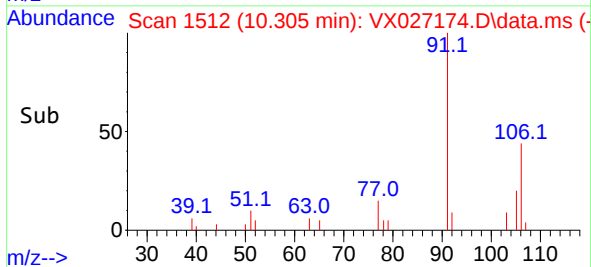
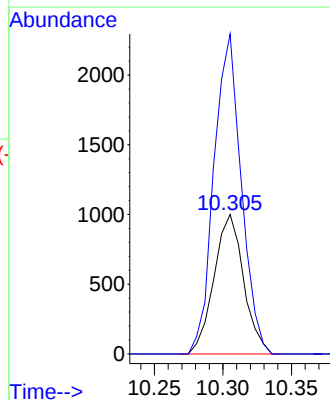
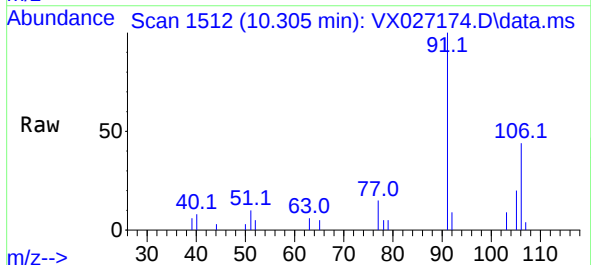
Instrument :
MSVOA_X
ClientSampleId :
IBLK

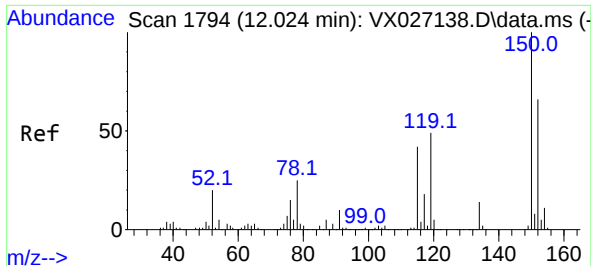
Tgt Ion:117 Resp: 143570
Ion Ratio Lower Upper
117 100
82 53.9 45.2 67.8
119 32.2 26.2 39.2



#68
m/p-Xylenes
Concen: 0.760 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Tgt Ion:106 Resp: 1501
Ion Ratio Lower Upper
106 100
91 212.1 165.3 247.9

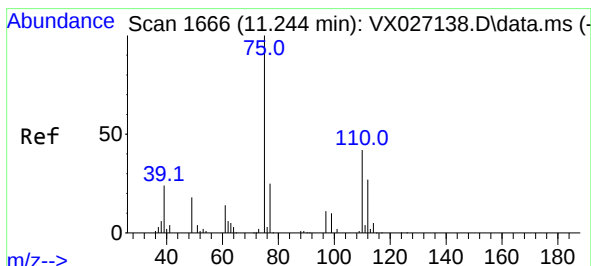
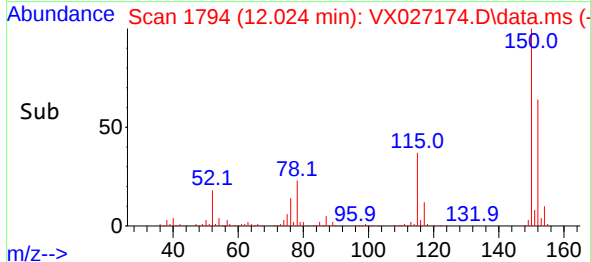
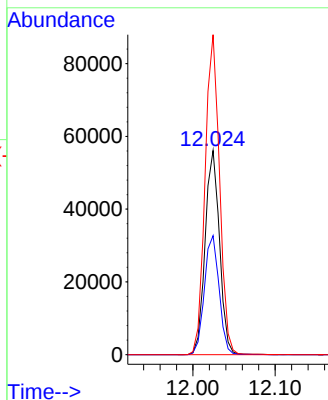
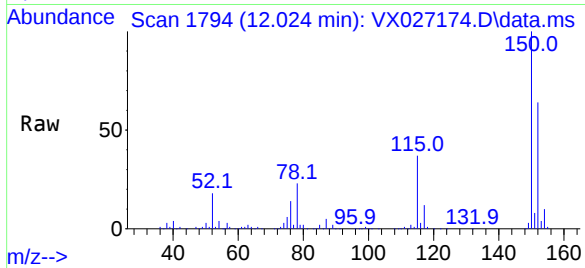




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

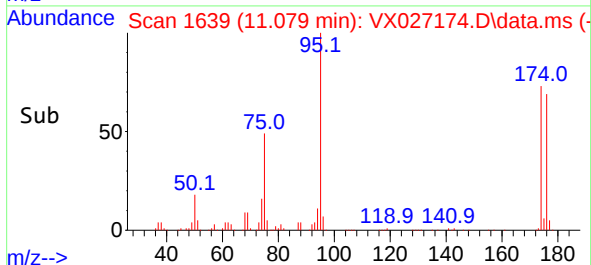
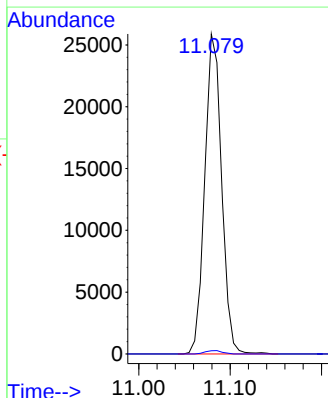
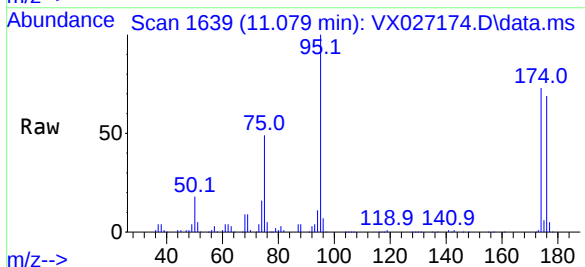
Instrument :
MSVOA_X
ClientSampleId :
IBLK

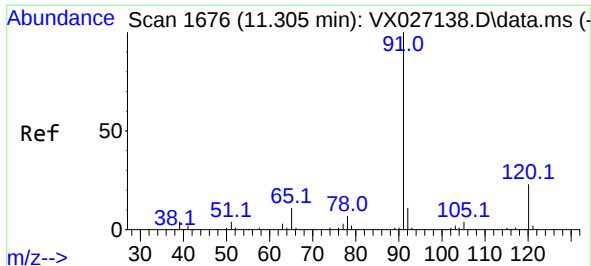
Tgt Ion:152 Resp: 68208
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 157.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.135 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Tgt Ion: 75 Resp: 33158
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

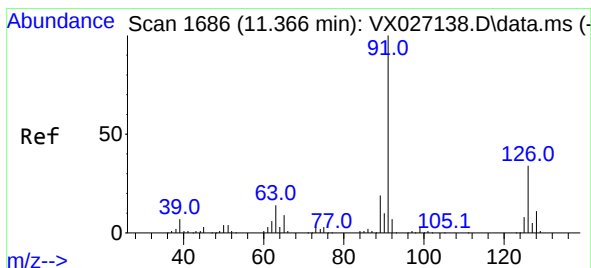
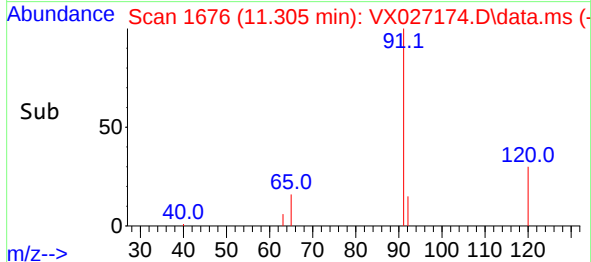
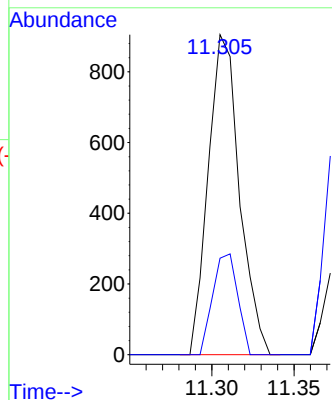
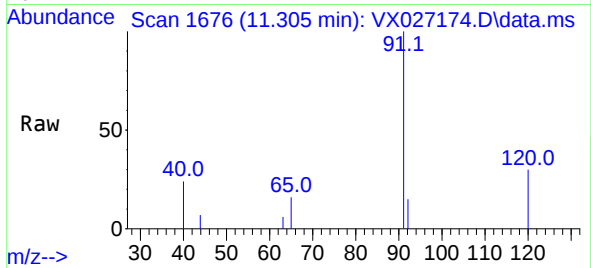




#78
n-propylbenzene
Concen: 0.215 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

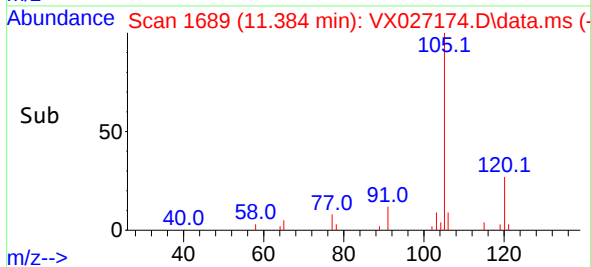
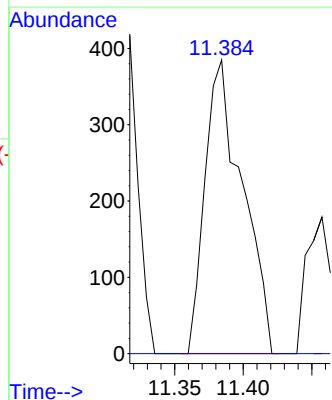
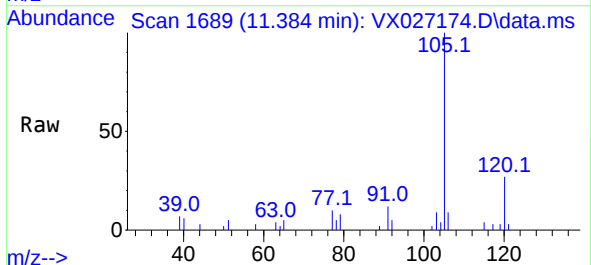
Instrument :
MSVOA_X
ClientSampleId :
IBLK

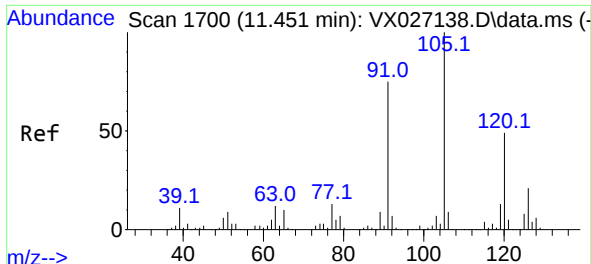
Tgt Ion: 91 Resp: 1195
Ion Ratio Lower Upper
91 100
120 25.1 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.018 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Tgt Ion: 91 Resp: 733
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#

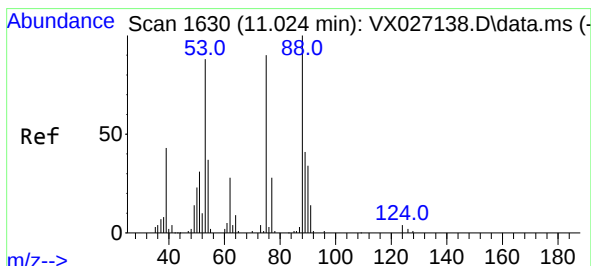
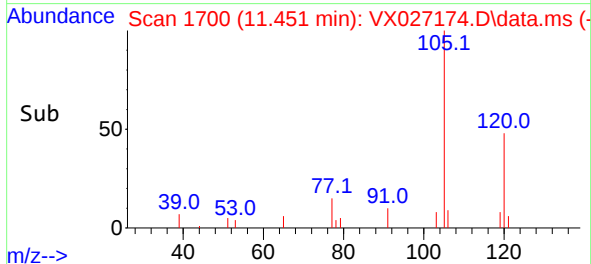
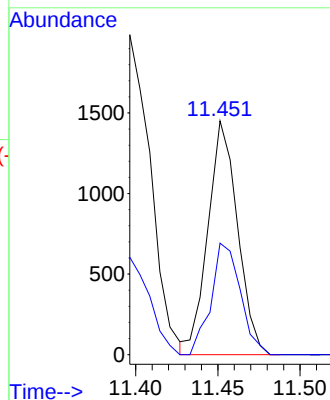
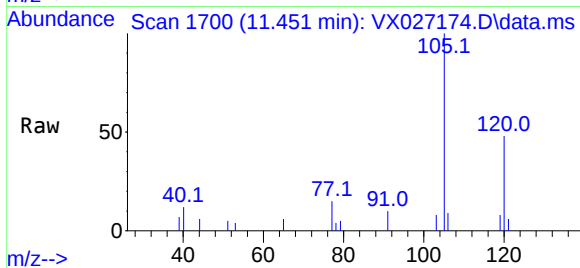




#80
1,3,5-Trimethylbenzene
Concen: 0.443 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

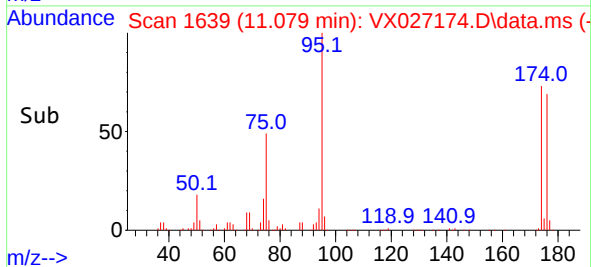
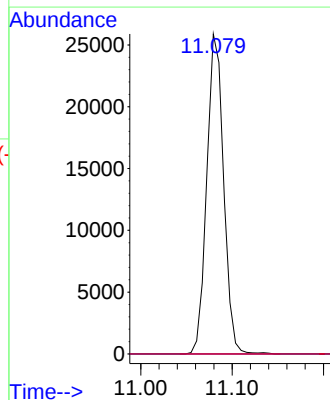
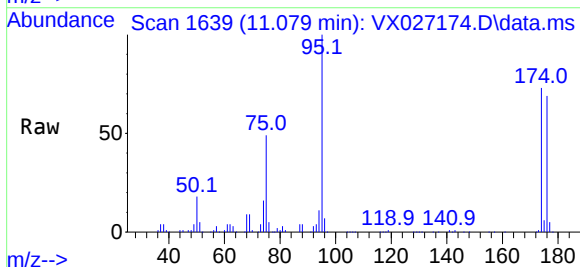
Instrument :
MSVOA_X
ClientSampleId :
IBLK

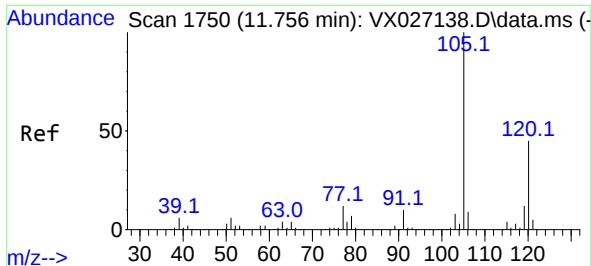
Tgt Ion:105 Resp: 1818
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 68.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Tgt Ion: 75 Resp: 33158
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

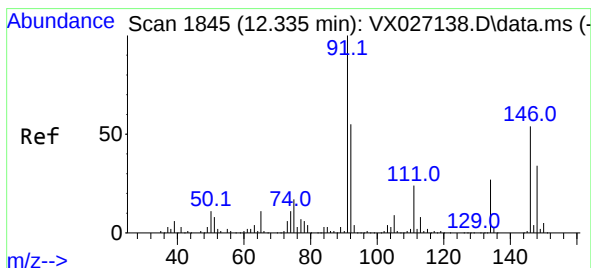
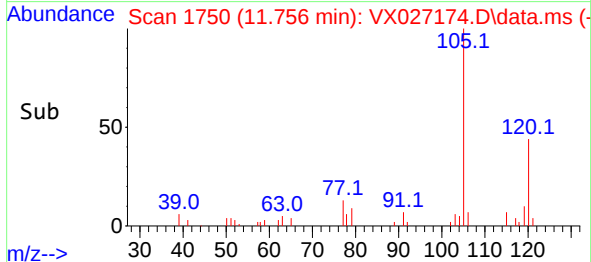
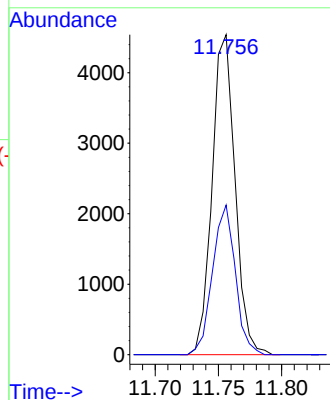
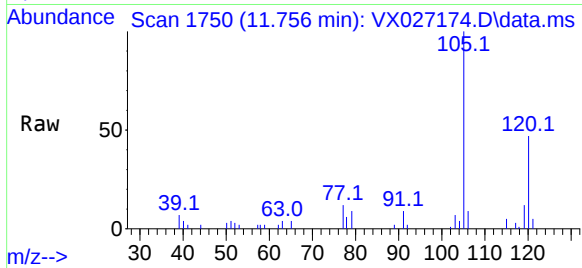




#84
1,2,4-Trimethylbenzene
Concen: 1.404 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

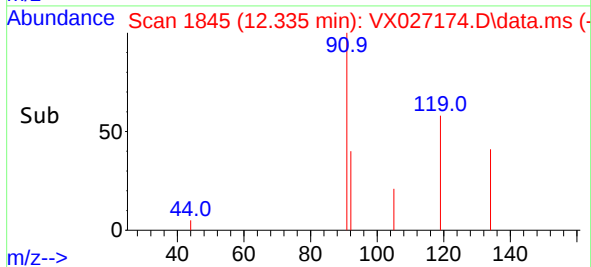
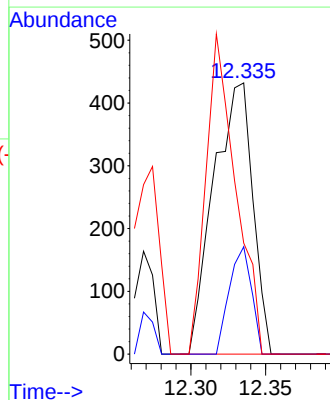
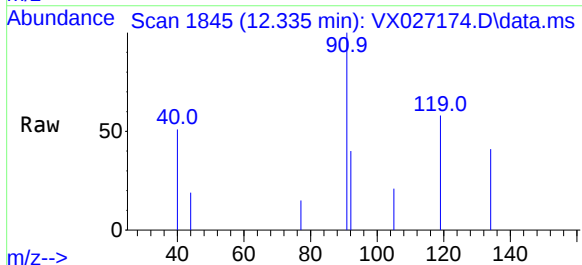
Instrument :
MSVOA_X
ClientSampleId :
IBLK

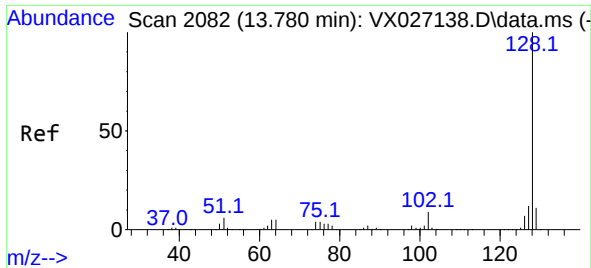
Tgt Ion:105 Resp: 5731
Ion Ratio Lower Upper
105 100
120 46.5 21.9 65.5



#89
n-Butylbenzene
Concen: 0.220 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

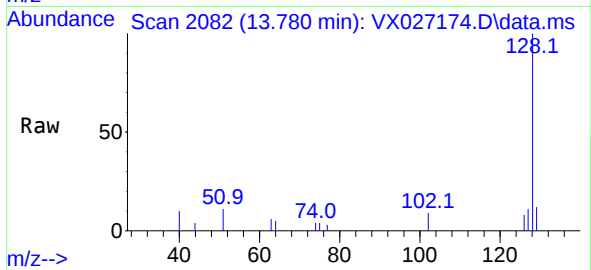
Tgt Ion: 91 Resp: 784
Ion Ratio Lower Upper
91 100
92 22.4 27.2 81.6#
134 90.4 13.1 39.1#





#95
Naphthalene
Concen: 0.481 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027174.D
Acq: 24 Feb 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 2303
Ion Ratio Lower Upper
128 100
127 9.0 10.3 15.5#
129 12.1 8.7 13.1

