

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032044.D
 Acq On : 11 Oct 2022 18:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 12 05:17:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

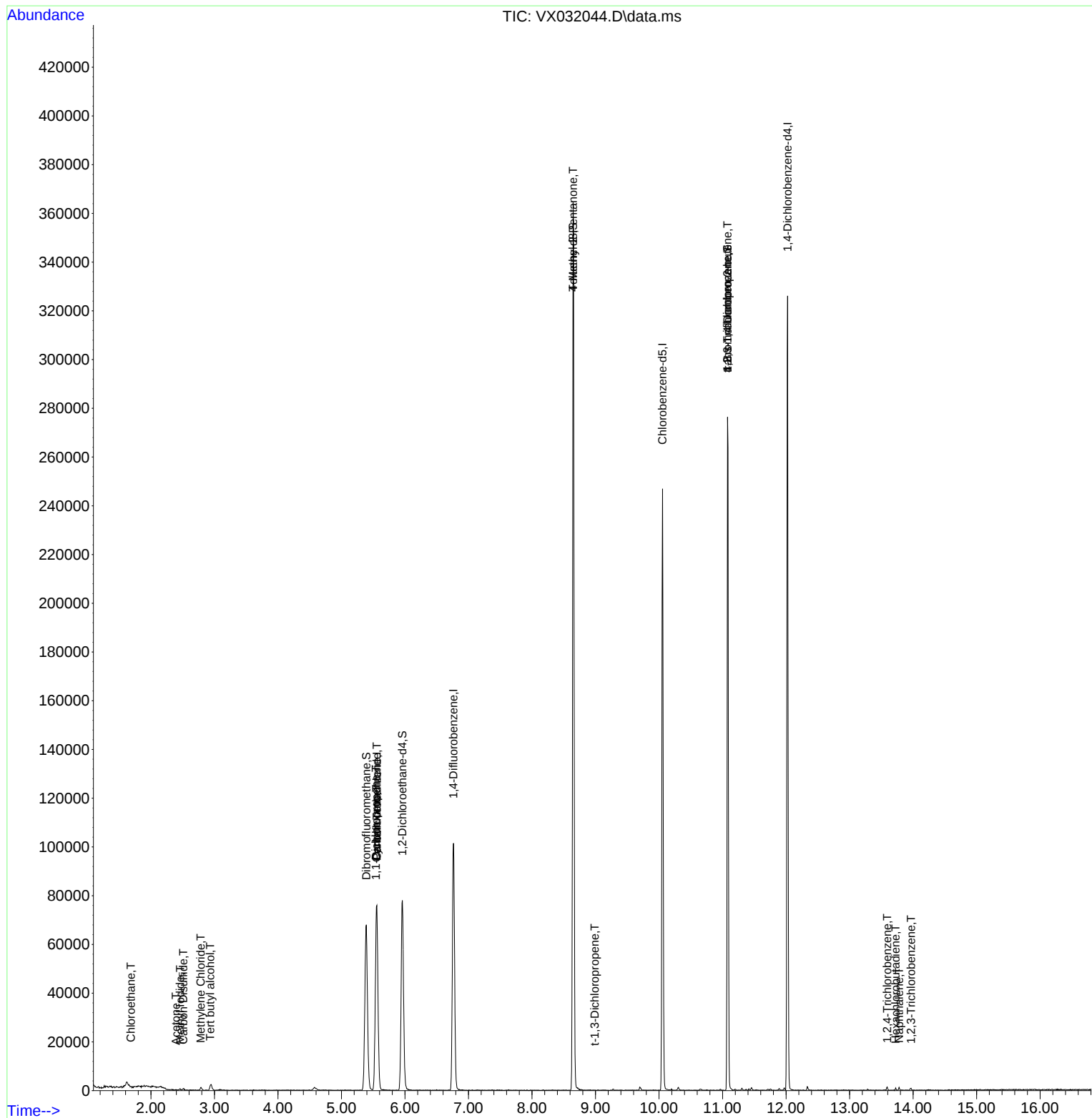
Internal Standards						
1) Pentafluorobenzene	5.556	168	70964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	102945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73000	49.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.620%
35) Dibromofluoromethane	5.391	113	58144	49.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	8.647	98	212264	50.623	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.079	95	69744	47.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.100%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	460	Below Cal	#	78
6) Chloroethane	1.685	64	243	0.221	ug/l #	43
10) Methyl Iodide	2.459	142	427	3.093	ug/l #	72
11) Tert butyl alcohol	2.934	59	1633	8.956	ug/l #	73
16) Acetone	2.392	43	180	0.361	ug/l #	45
17) Carbon Disulfide	2.508	76	728	0.314	ug/l #	75
20) Methylene Chloride	2.782	84	605	0.462	ug/l #	72
31) Cyclohexane	5.550	56	1706	0.974	ug/l #	41
36) 1,1-Dichloropropene	5.544	75	5742	3.716	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7655	4.845	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	941	0.643	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	23	1.222	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	38532	29.340	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38532	100.225	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	492	0.360	ug/l	84
94) Hexachlorobutadiene	13.725	225	191	0.345	ug/l	79
95) Naphthalene	13.780	128	989	0.211	ug/l #	81
96) 1,2,3-Trichlorobenzene	13.969	180	367	0.265	ug/l #	75

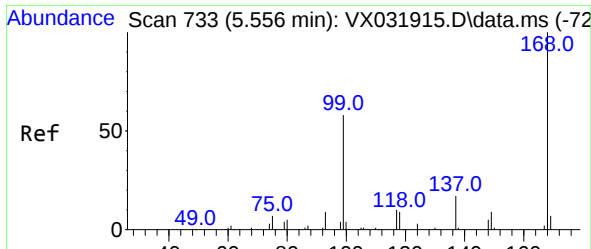
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
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ClientSampleId :
IBLK

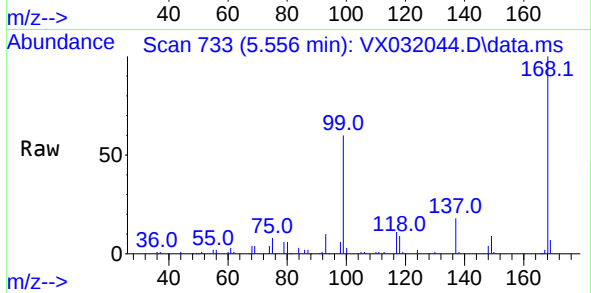
Quant Time: Oct 12 05:17:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
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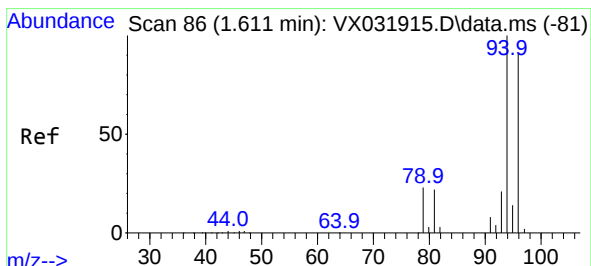
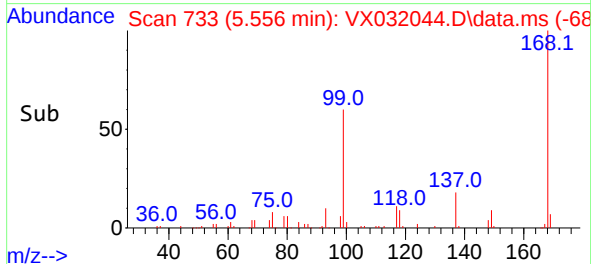
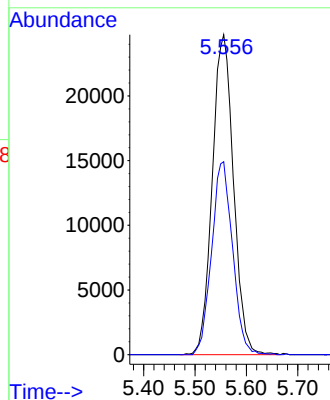


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

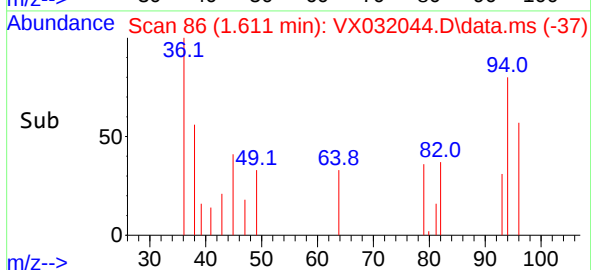
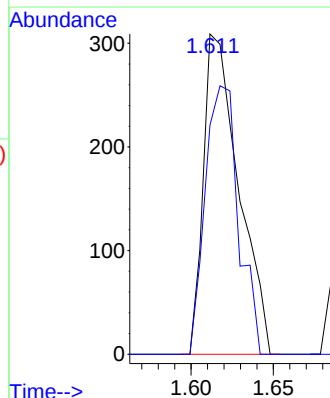
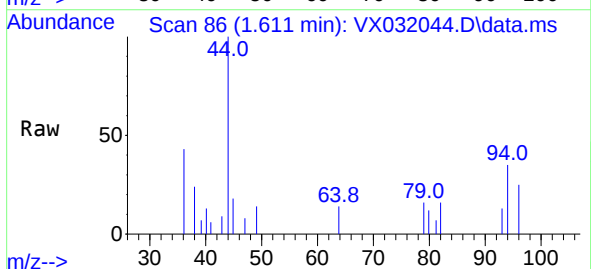


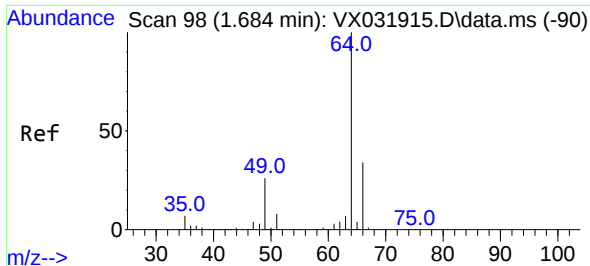
Tgt Ion:168 Resp: 70964
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 71.5 74.4 111.6#

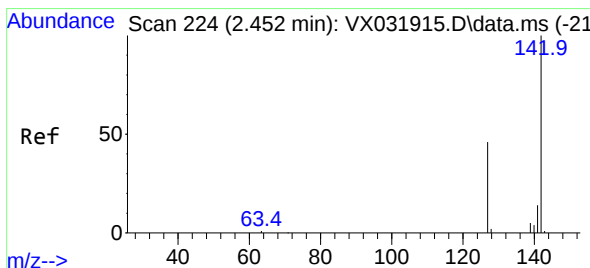
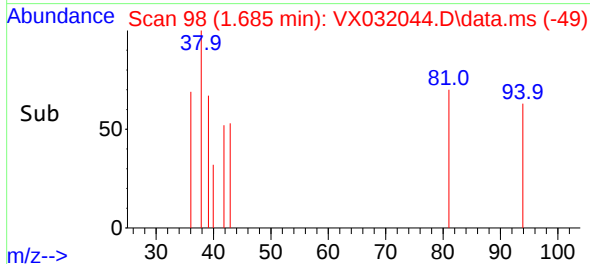
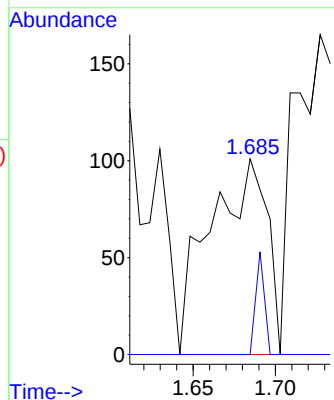
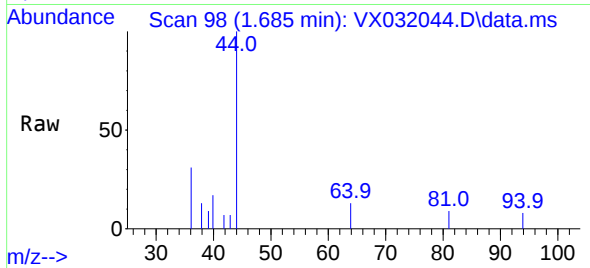




#6
Chloroethane
Concen: 0.221 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

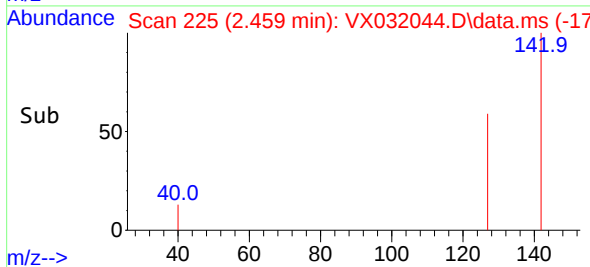
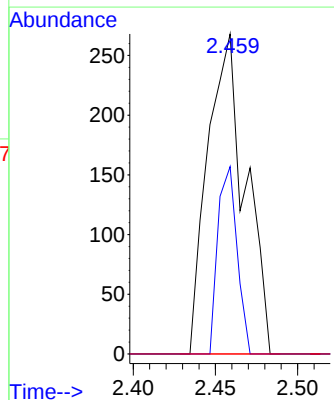
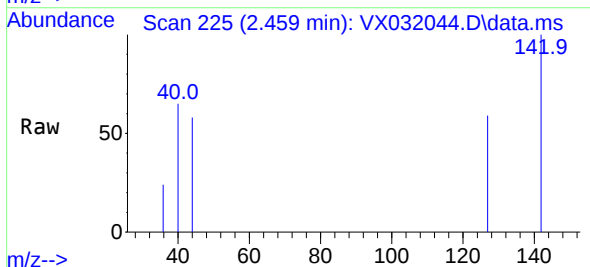
Instrument :
MSVOA_X
ClientSampleId :
IBLK

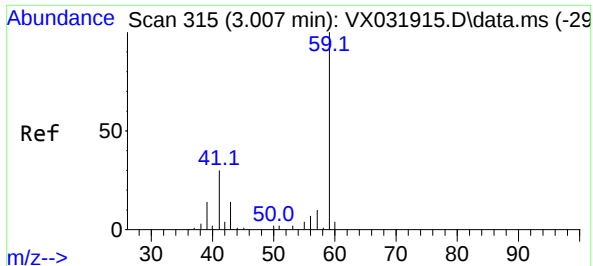
Tgt Ion: 64 Resp: 243
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 3.093 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Tgt Ion: 142 Resp: 427
Ion Ratio Lower Upper
142 100
127 29.7 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 8.956 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.073 min

Lab File: VX032044.D

Acq: 11 Oct 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

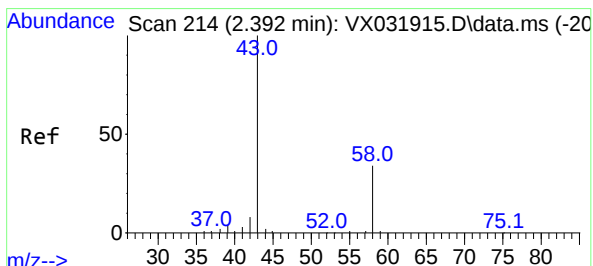
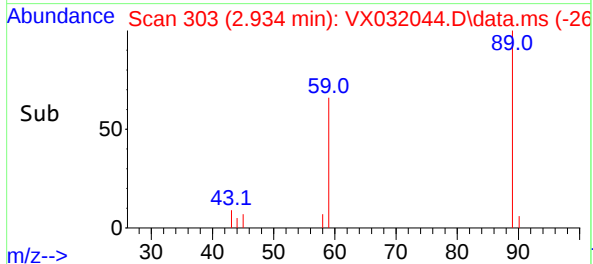
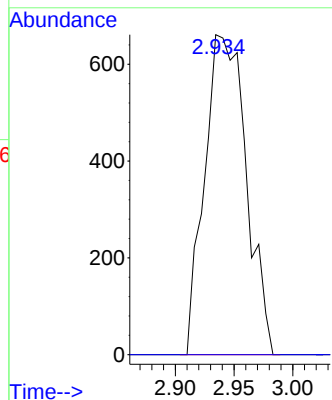
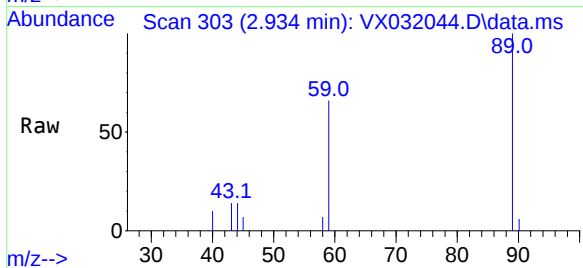
IBLK

Tgt Ion: 59 Resp: 1633

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 0.361 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX032044.D

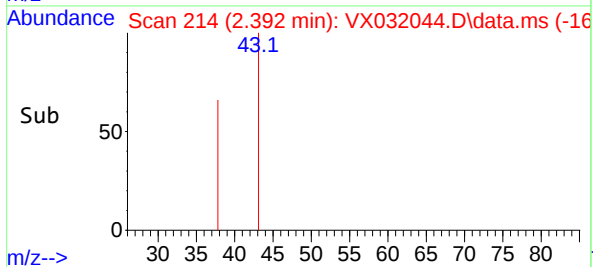
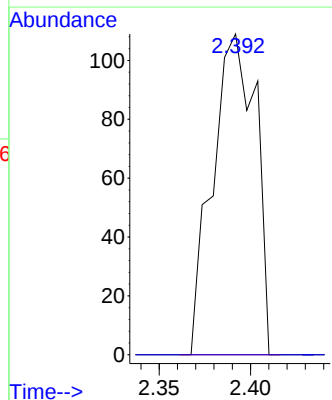
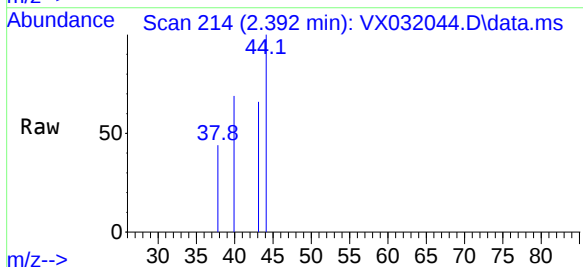
Acq: 11 Oct 2022 18:05

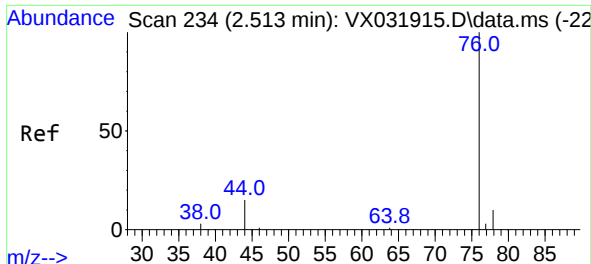
Tgt Ion: 43 Resp: 180

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

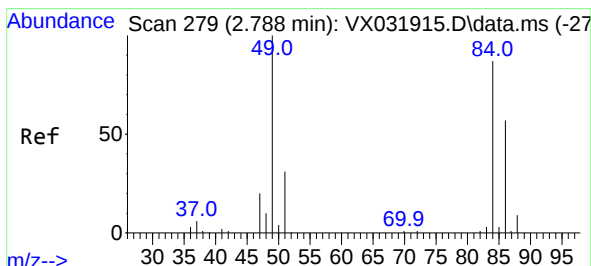
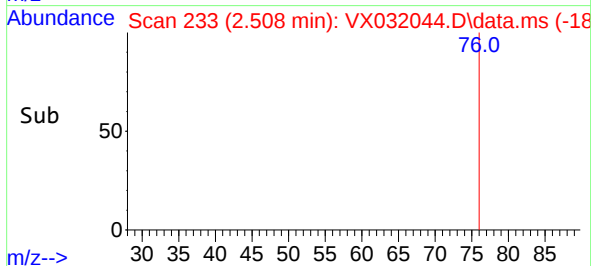
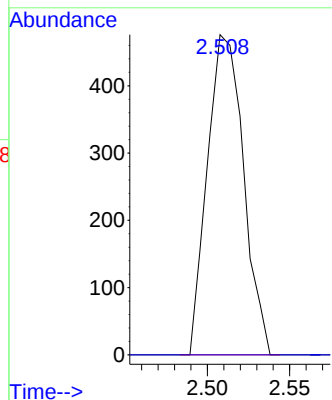
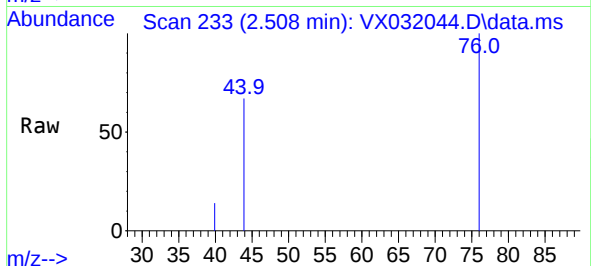




#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

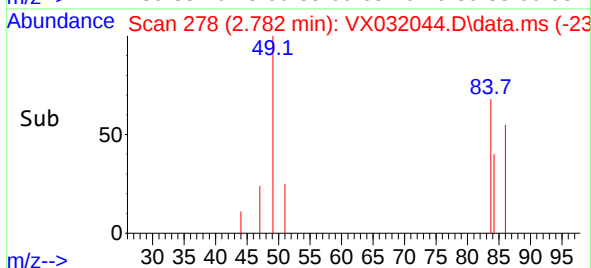
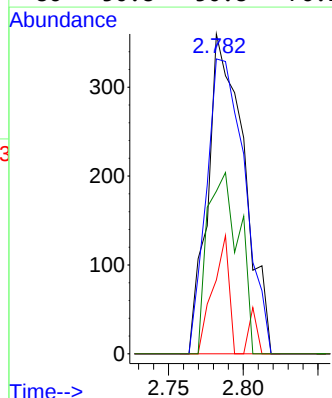
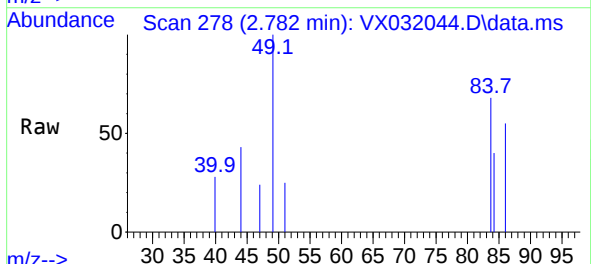
Instrument :
MSVOA_X
ClientSampleId :
IBLK

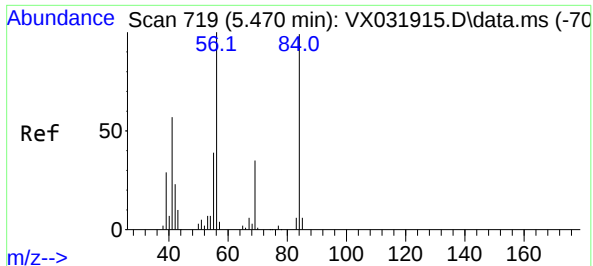
Tgt Ion: 76 Resp: 728
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.462 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

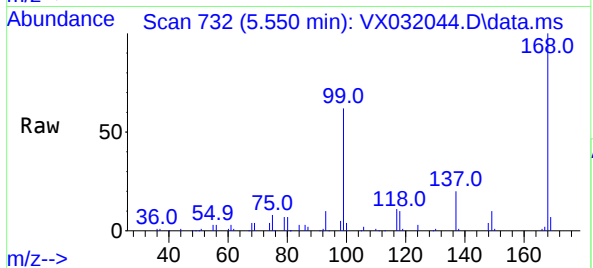
Tgt Ion: 84 Resp: 605
Ion Ratio Lower Upper
84 100
49 92.2 105.9 158.9#
51 23.1 32.2 48.2#
86 50.8 50.8 76.2



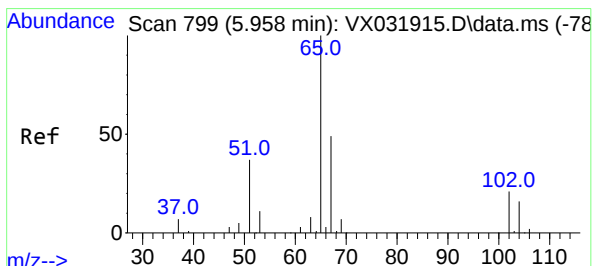
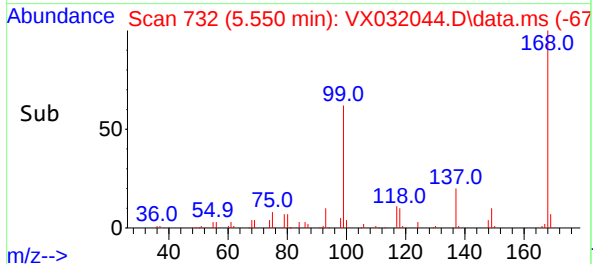
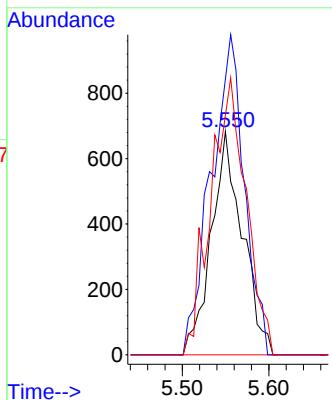


#31
Cyclohexane
Concen: 0.974 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

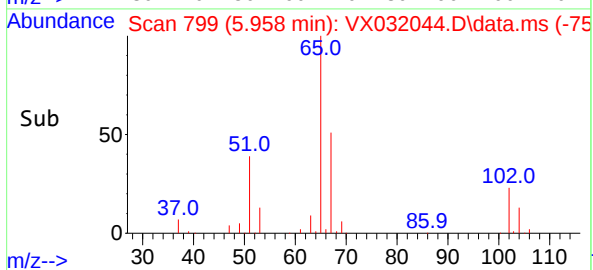
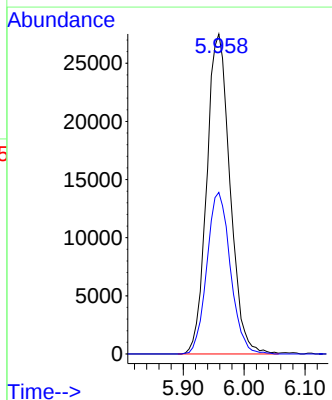
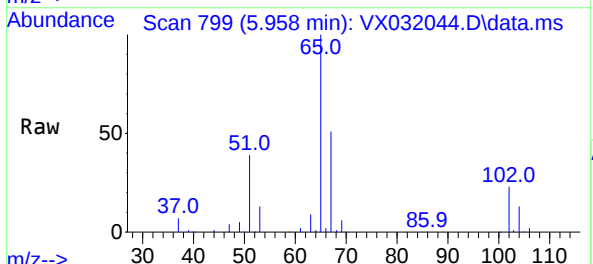


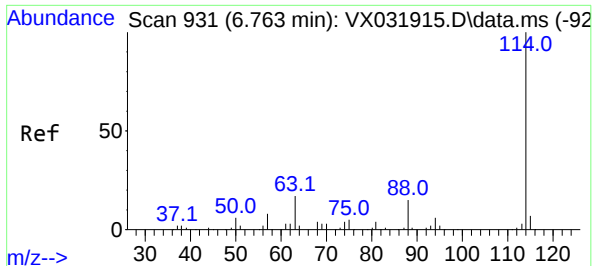
Tgt Ion: 56 Resp: 1706
Ion Ratio Lower Upper
56 100
69 123.4 25.1 37.7#
84 107.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 49.810 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Tgt Ion: 65 Resp: 73000
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4

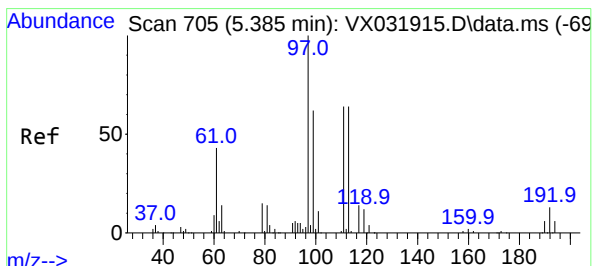
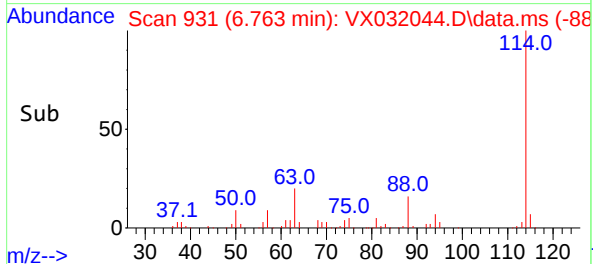
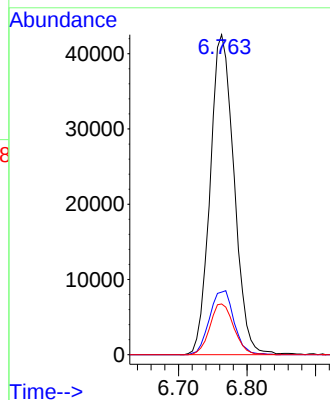
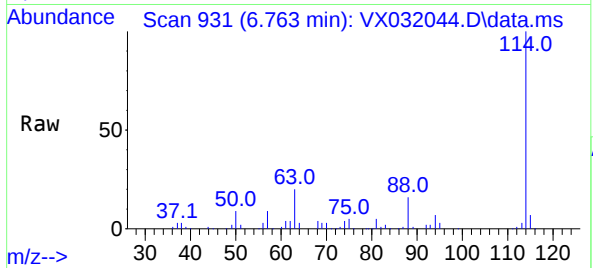




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

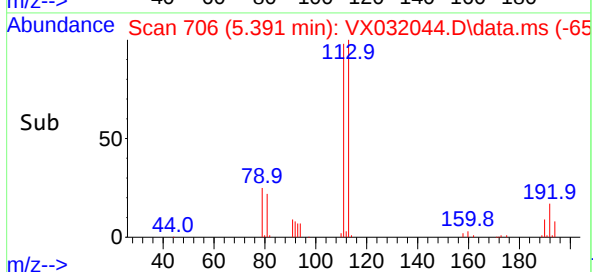
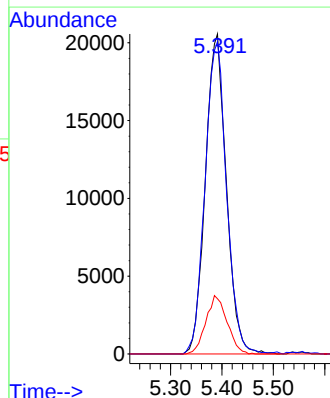
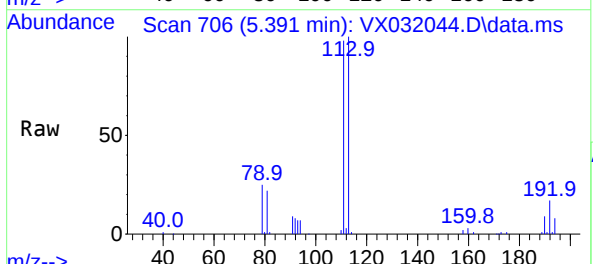
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IBLK

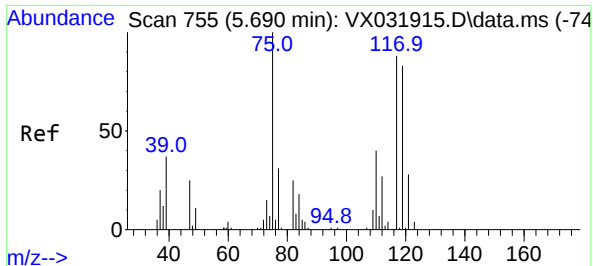
Tgt Ion:114 Resp: 102945
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.897 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Tgt Ion:113 Resp: 58144
Ion Ratio Lower Upper
113 100
111 100.3 82.4 123.6
192 18.5 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.716 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032044.D

Acq: 11 Oct 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

IBLK

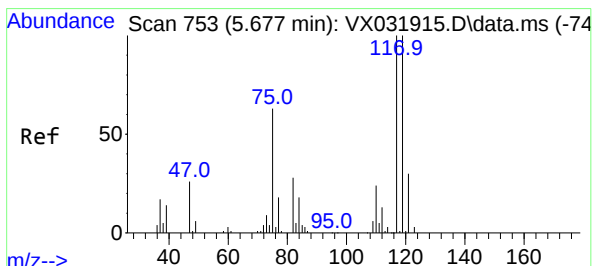
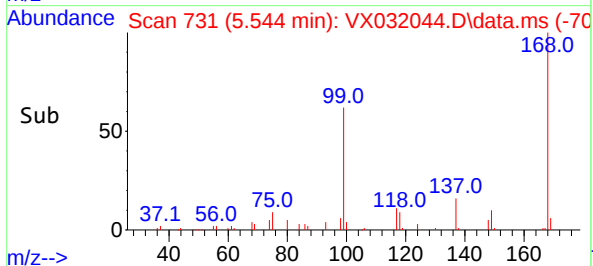
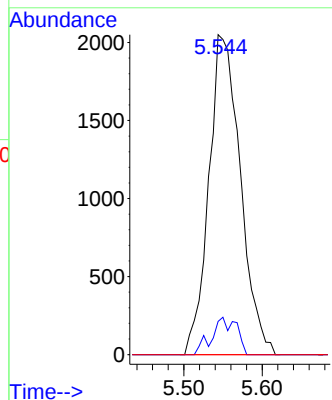
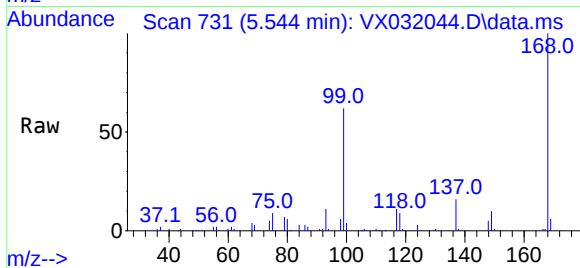
Tgt Ion: 75 Resp: 5742

Ion Ratio Lower Upper

75 100

110 9.2 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.845 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX032044.D

Acq: 11 Oct 2022 18:05

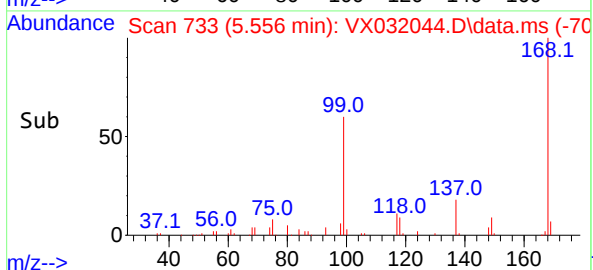
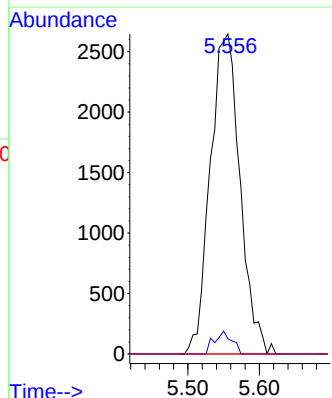
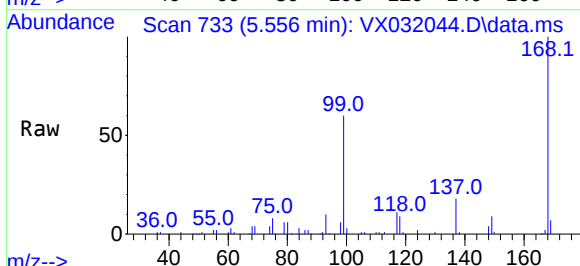
Tgt Ion: 117 Resp: 7655

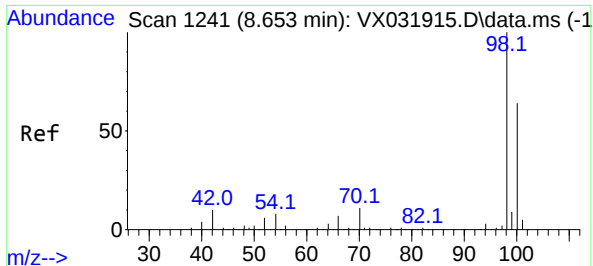
Ion Ratio Lower Upper

117 100

119 4.8 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 50.623 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032044.D

Acq: 11 Oct 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

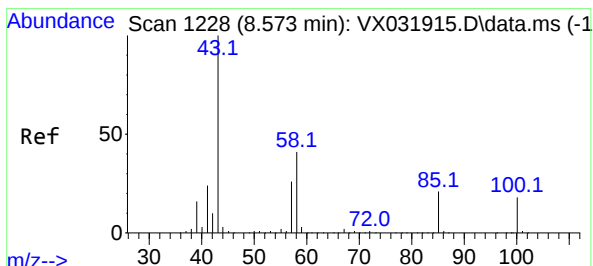
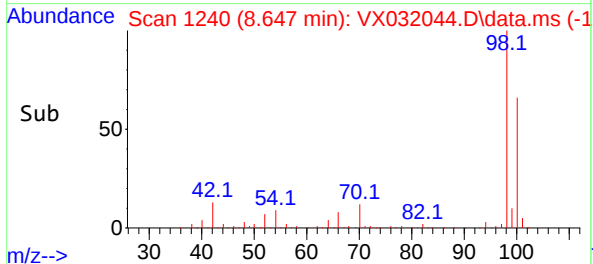
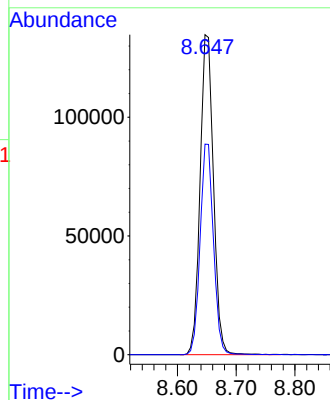
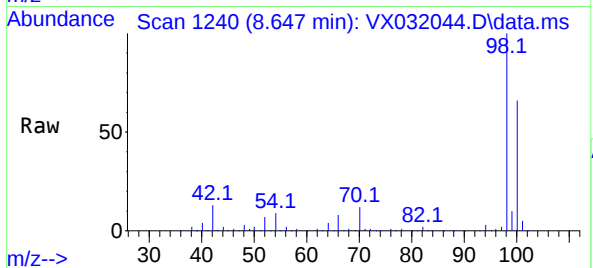
IBLK

Tgt Ion: 98 Resp: 212264

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.643 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX032044.D

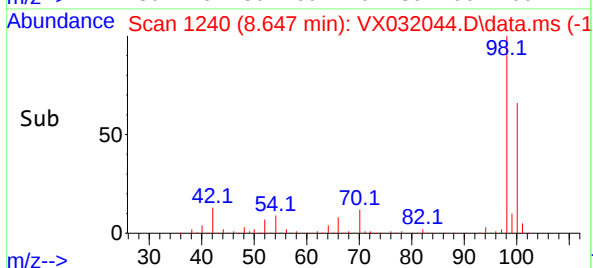
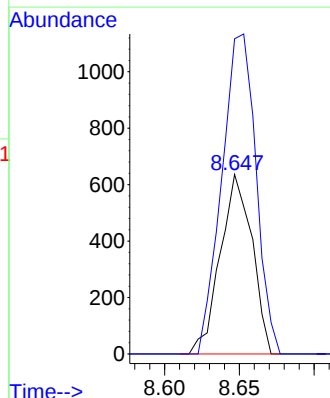
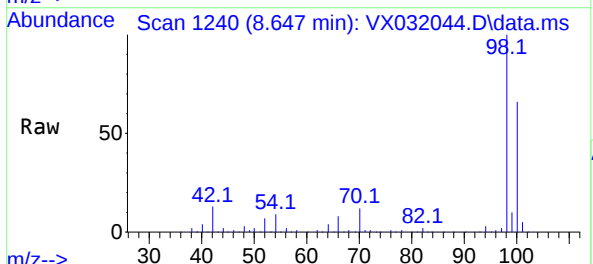
Acq: 11 Oct 2022 18:05

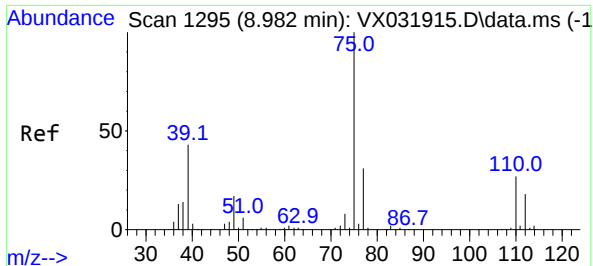
Tgt Ion: 43 Resp: 941

Ion Ratio Lower Upper

43 100

58 191.5 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 1.222 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032044.D

Acq: 11 Oct 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

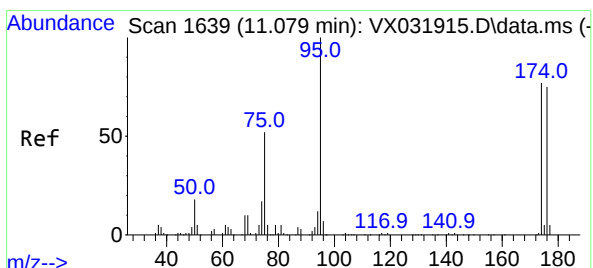
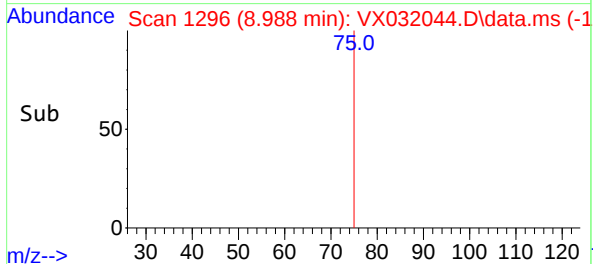
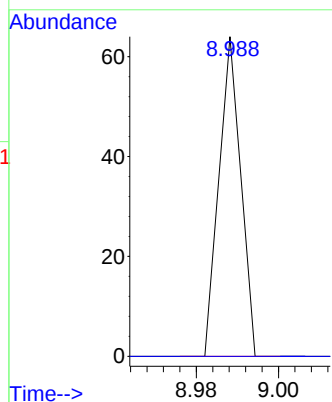
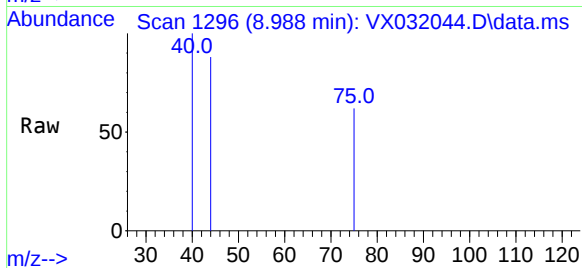
IBLK

Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



#62

4-Bromofluorobenzene

Concen: 47.049 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032044.D

Acq: 11 Oct 2022 18:05

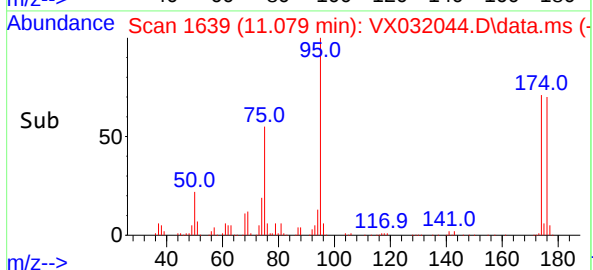
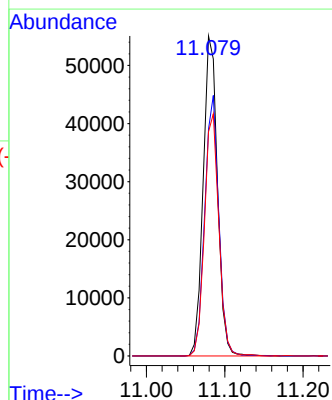
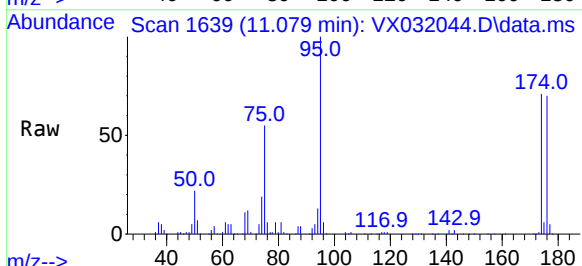
Tgt Ion: 95 Resp: 69744

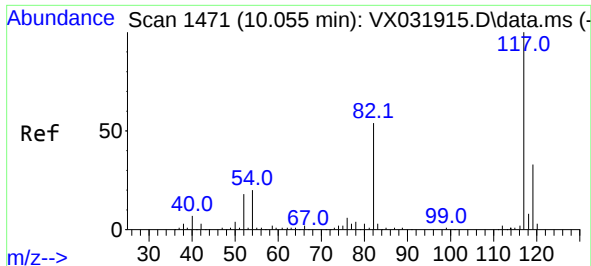
Ion Ratio Lower Upper

95 100

174 79.9 0.0 153.2

176 76.0 0.0 144.0

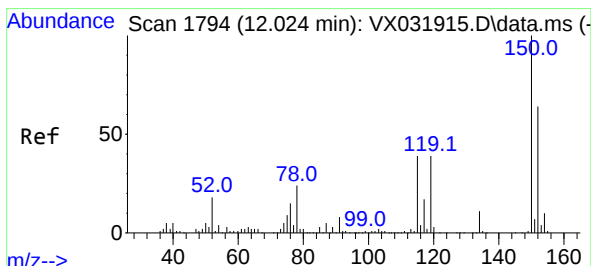
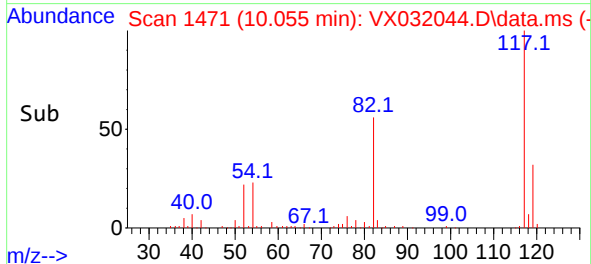
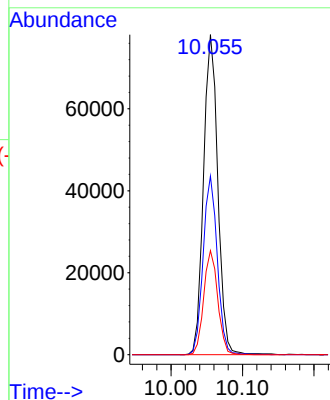
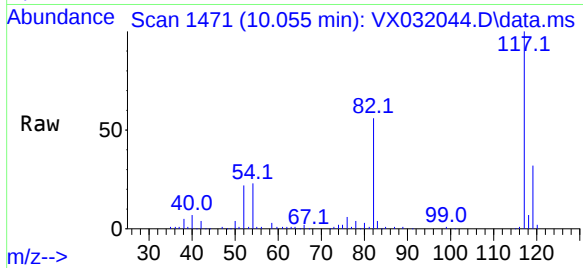




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

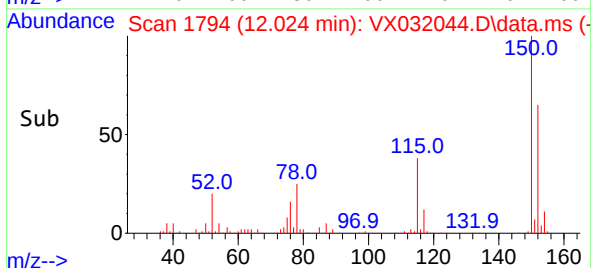
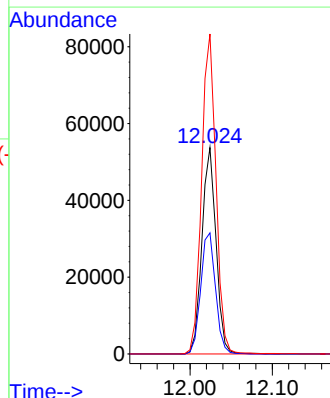
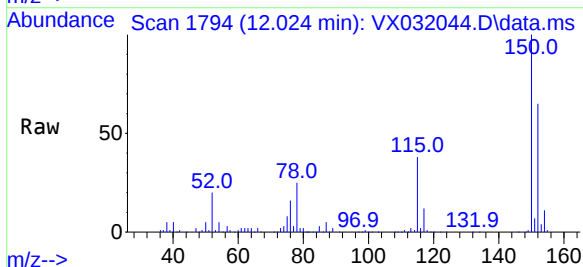
Instrument :
MSVOA_X
ClientSampleId :
IBLK

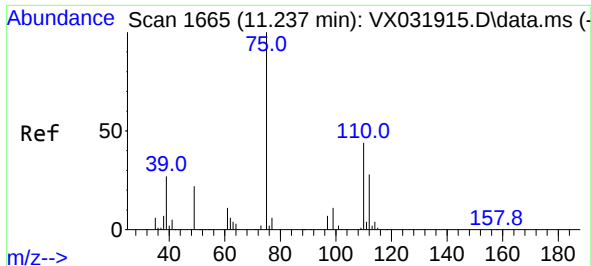
Tgt Ion:117 Resp: 108463
Ion Ratio Lower Upper
117 100
82 55.8 46.8 70.2
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Tgt Ion:152 Resp: 64078
Ion Ratio Lower Upper
152 100
115 61.5 43.4 130.1
150 157.7 0.0 346.8

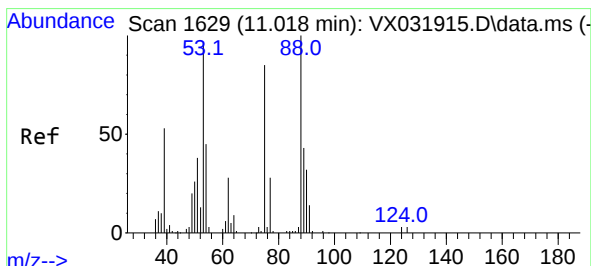
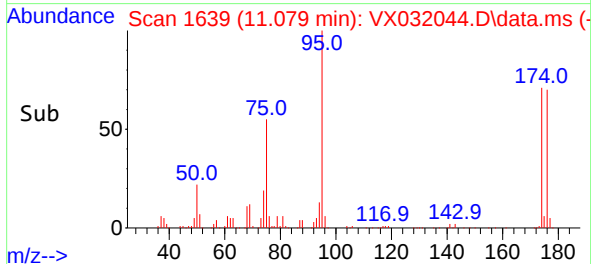
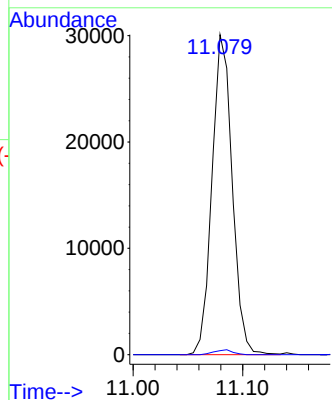
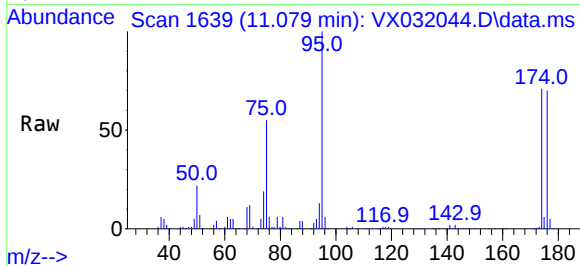




#76
1,2,3-Trichloropropane
Concen: 29.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

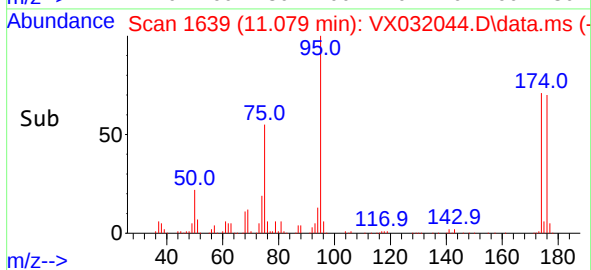
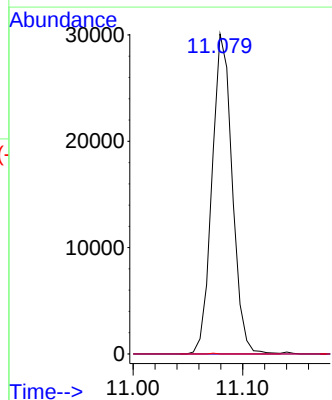
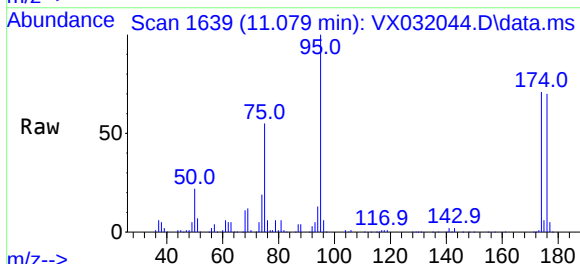
Instrument :
MSVOA_X
ClientSampleId :
IBLK

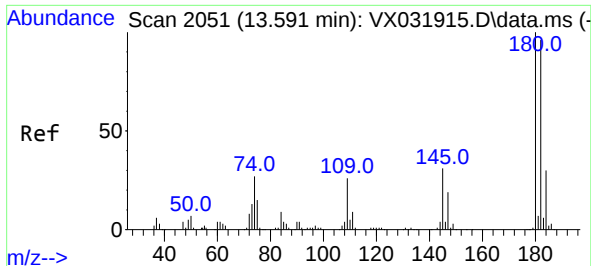
Tgt Ion: 75 Resp: 38532
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Tgt Ion: 75 Resp: 38532
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

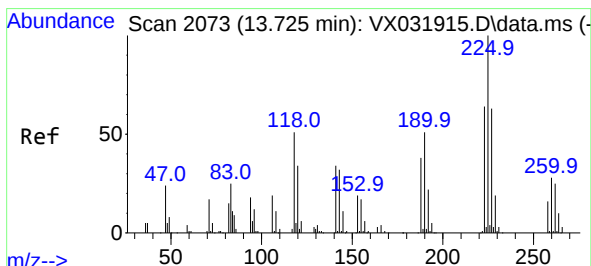
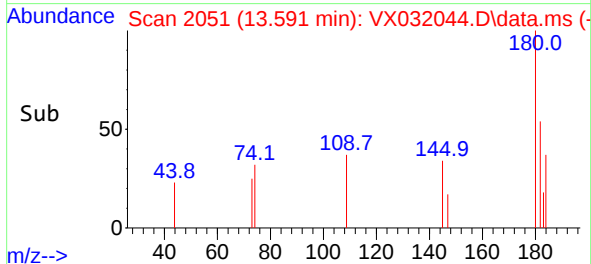
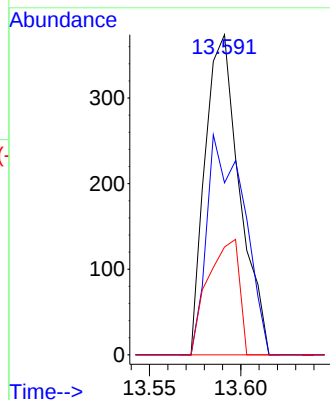
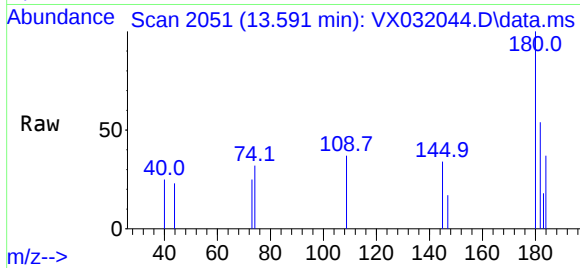




#93
1,2,4-Trichlorobenzene
Concen: 0.360 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

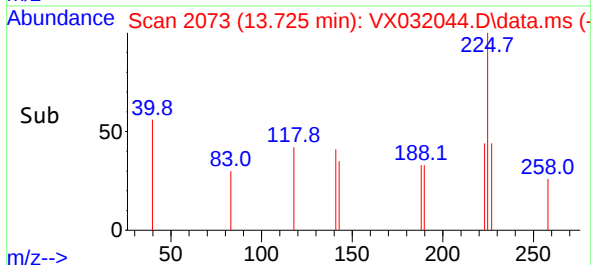
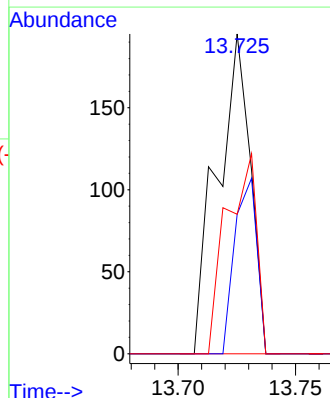
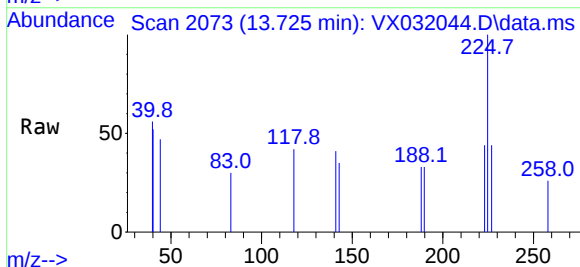
Instrument :
MSVOA_X
ClientSampleId :
IBLK

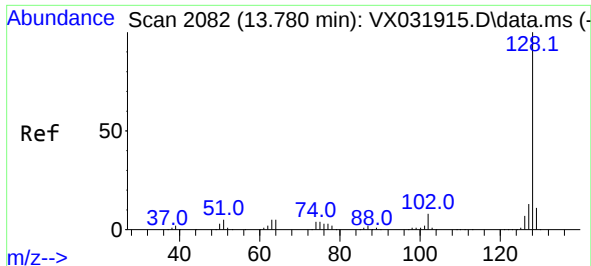
Tgt Ion:180 Resp: 492
Ion Ratio Lower Upper
180 100
182 73.8 46.9 140.6
145 32.7 16.7 50.1



#94
Hexachlorobutadiene
Concen: 0.345 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Tgt Ion:225 Resp: 191
Ion Ratio Lower Upper
225 100
223 36.6 30.8 92.4
227 56.5 32.3 96.9

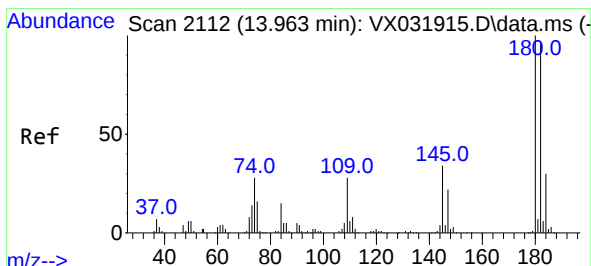
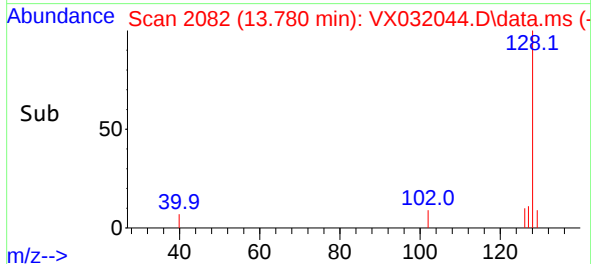
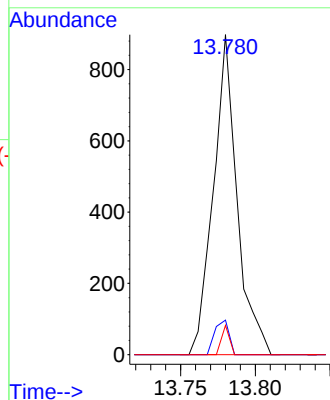
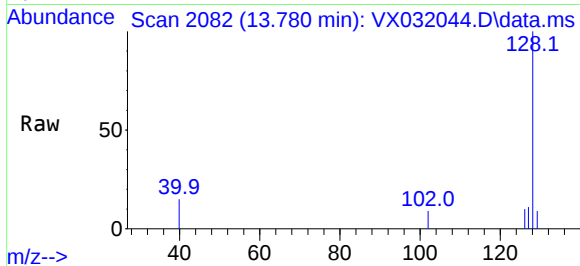




#95
Naphthalene
Concen: 0.211 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	989
Ion	Ratio	Lower	Upper
128	100		
127	6.5	10.4	15.6#
129	3.0	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.265 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX032044.D
Acq: 11 Oct 2022 18:05

Tgt Ion:	180	Resp:	367
Ion	Ratio	Lower	Upper
180	100		
182	84.5	47.9	143.8
145	0.0	17.6	52.8#

