

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040150.D
 Acq On : 07 Feb 2024 14:32
 Operator : JC/MD
 Sample : P1376-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 07 15:23:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

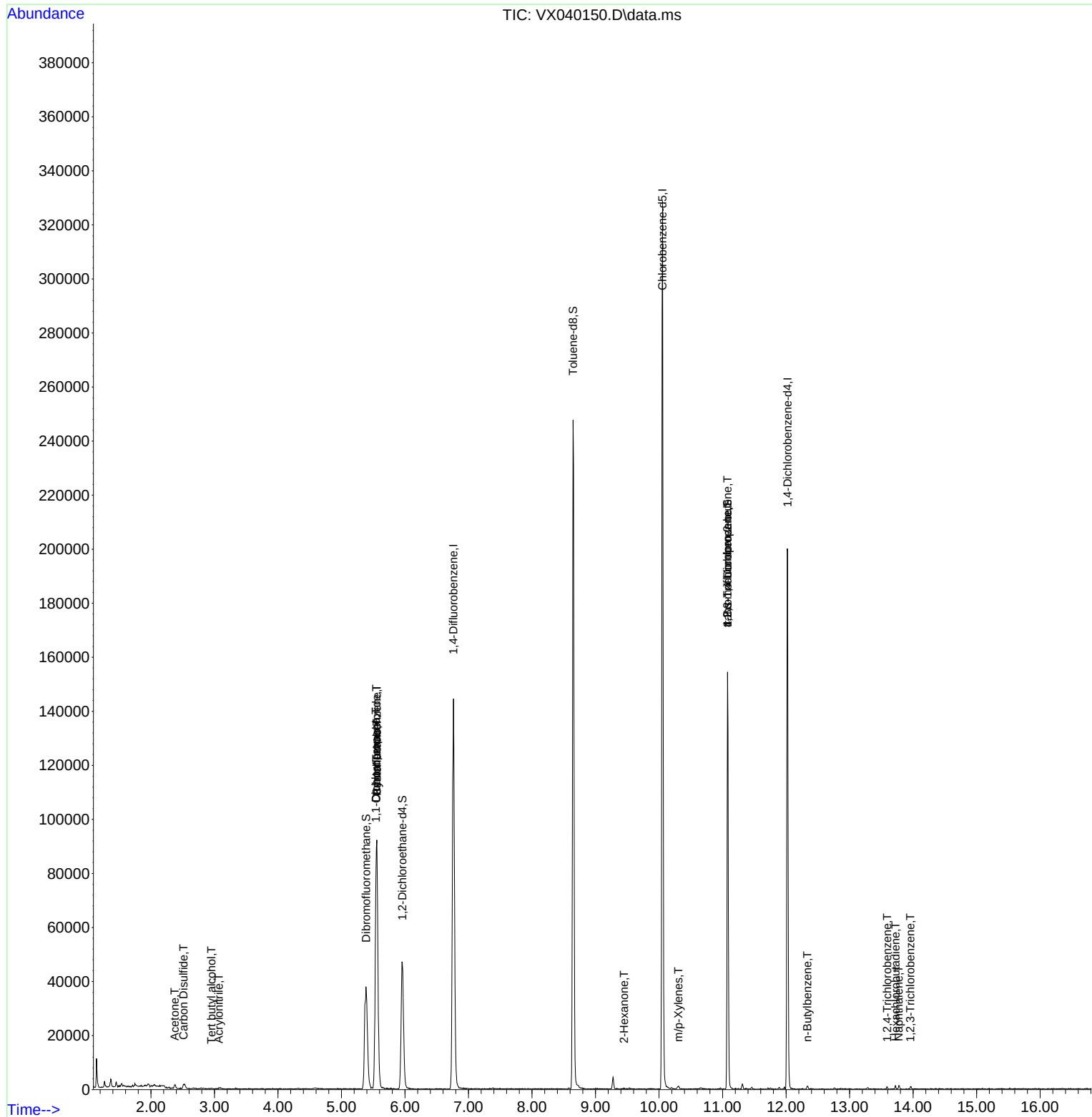
Internal Standards						
1) Pentafluorobenzene	5.556	168	83960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44727	33.101	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	66.200%#
35) Dibromofluoromethane	5.385	113	34911	36.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.700%#
50) Toluene-d8	8.647	98	140827	39.749	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	79.500%#
62) 4-Bromofluorobenzene	11.079	95	38536	28.248	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	56.500%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	111	0.453	ug/l #	78
15) Acrylonitrile	3.068	53	219	0.357	ug/l #	49
16) Acetone	2.373	43	1732	2.736	ug/l	92
17) Carbon Disulfide	2.514	76	1882	0.682	ug/l #	76
31) Cyclohexane	5.556	56	2211	1.306	ug/l #	7
36) 1,1-Dichloropropene	5.543	75	7216	5.267	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9028	6.886	ug/l #	13
59) 2-Hexanone	9.451	43	271	0.211	ug/l #	58
68) m/p-Xylenes	10.305	106	447	0.222	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	23502	30.695	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	23502	87.640	ug/l #	5
89) n-Butylbenzene	12.335	91	677	0.304	ug/l #	83
93) 1,2,4-Trichlorobenzene	13.591	180	246	0.340	ug/l	91
94) Hexachlorobutadiene	13.725	225	199	0.698	ug/l #	49
95) Naphthalene	13.774	128	1286	0.523	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.957	180	302	0.422	ug/l	92

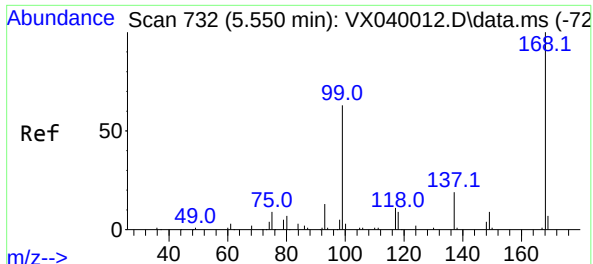
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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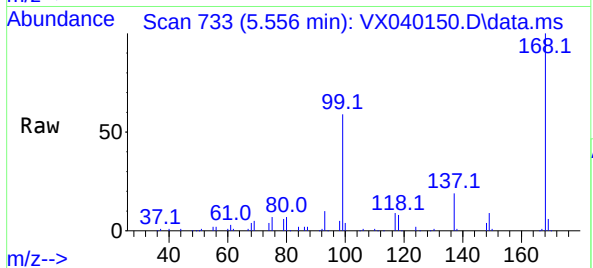
Quant Time: Feb 07 15:23:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
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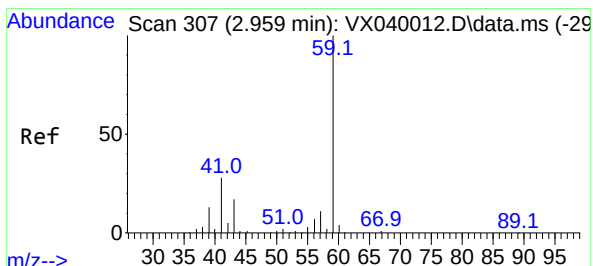
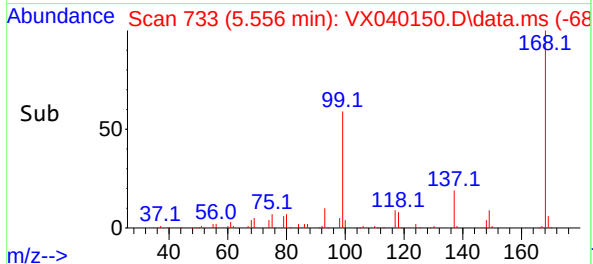
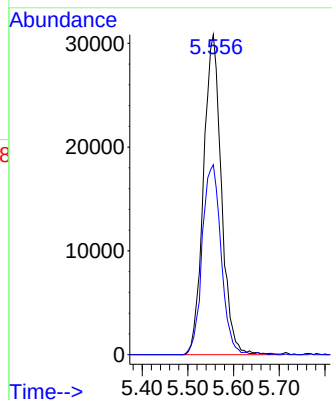


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

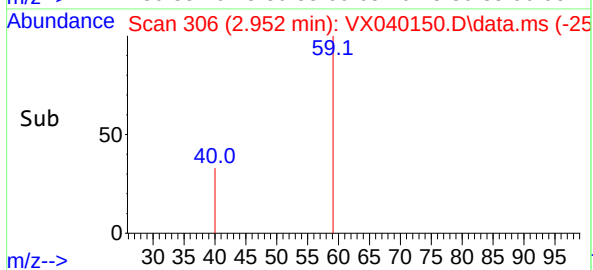
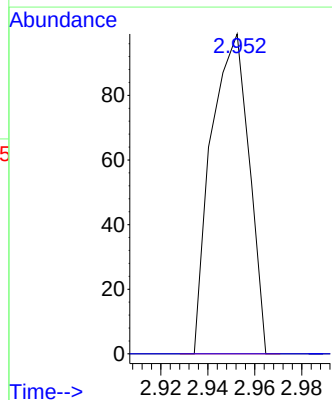
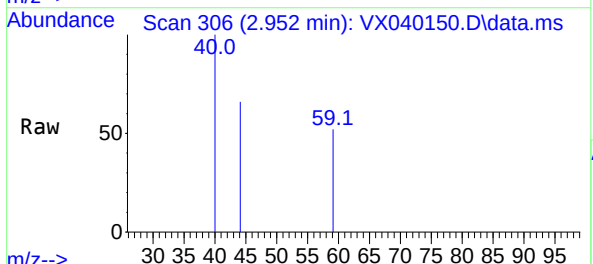


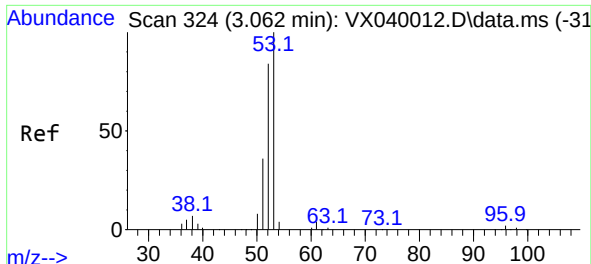
Tgt Ion:168 Resp: 83960
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.453 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

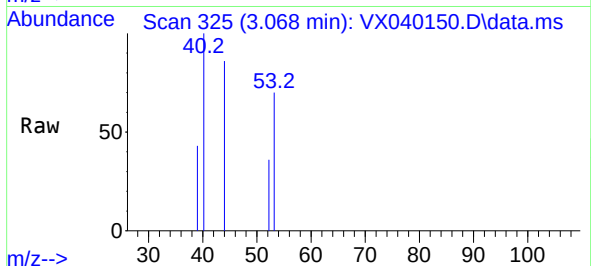
Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



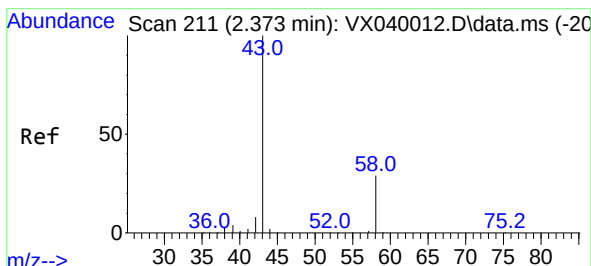
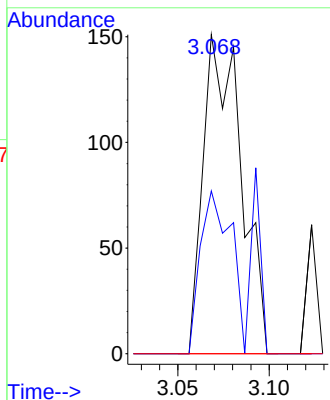
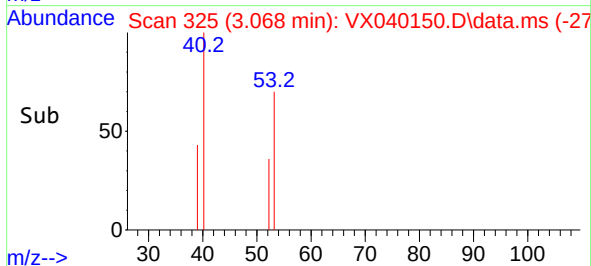


#15
Acrylonitrile
Concen: 0.357 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

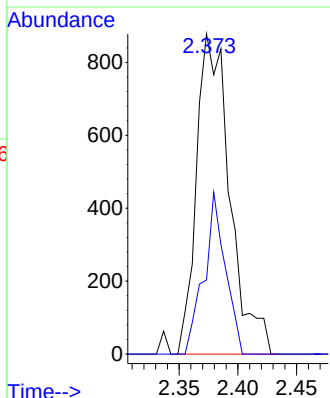
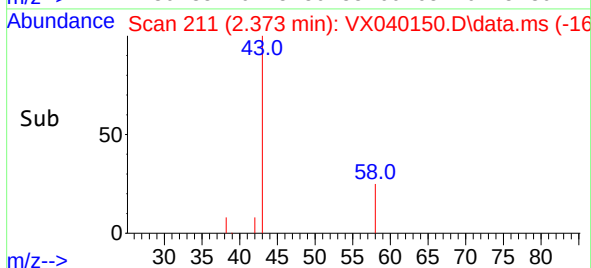
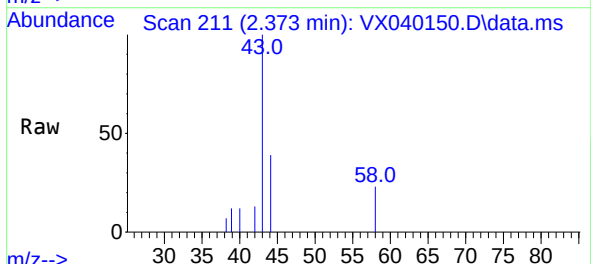


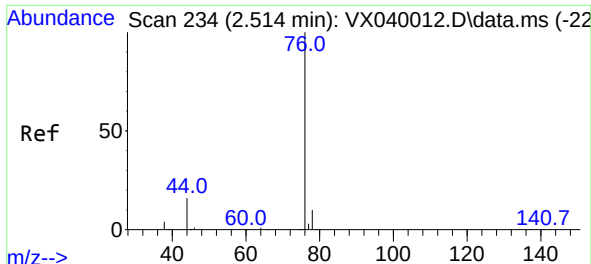
Tgt Ion: 53 Resp: 219
Ion Ratio Lower Upper
53 100
52 41.1 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 2.736 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

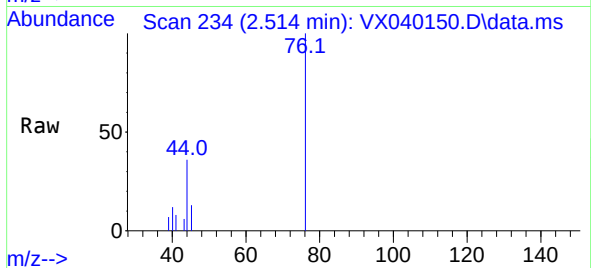
Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 23.1 21.9 32.9



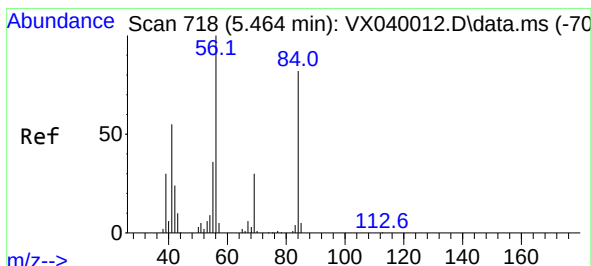
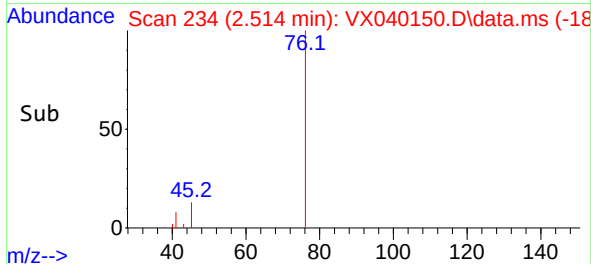
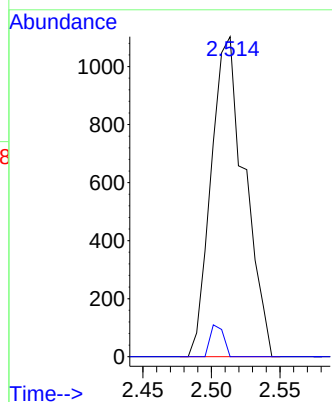


#17
Carbon Disulfide
Concen: 0.682 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

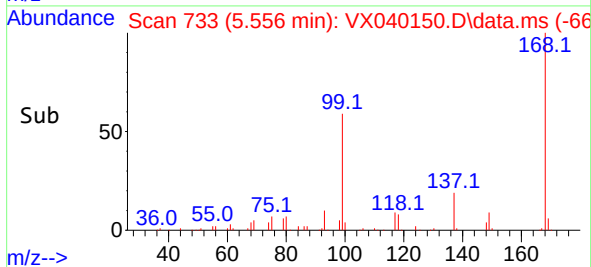
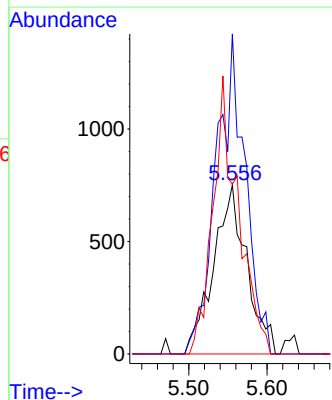
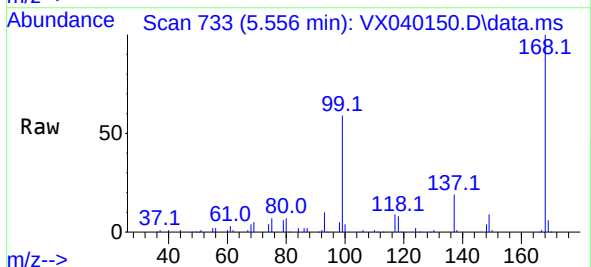


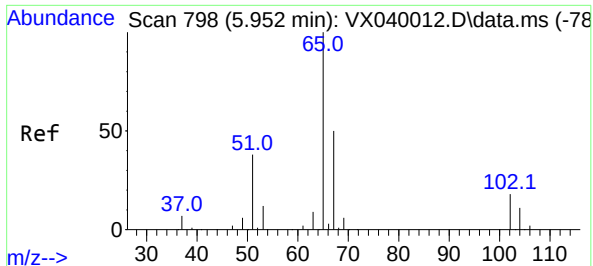
Tgt Ion: 76 Resp: 1882
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Tgt Ion: 56 Resp: 2211
Ion Ratio Lower Upper
56 100
69 189.2 23.4 35.2#
84 100.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 33.101 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040150.D

Acq: 07 Feb 2024 14:32

Instrument :

MSVOA_X

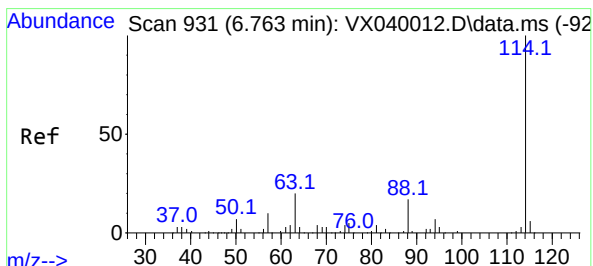
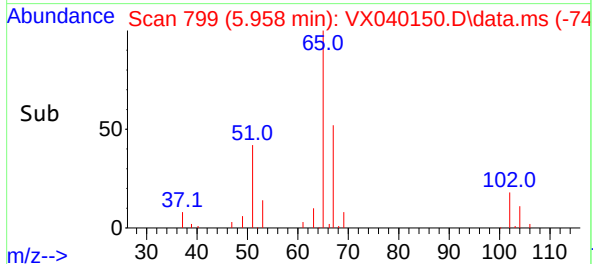
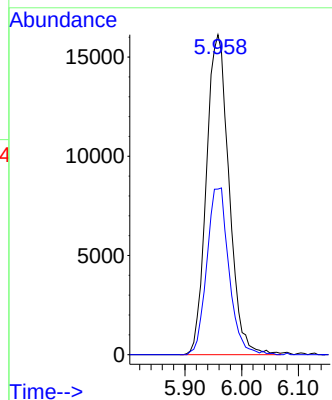
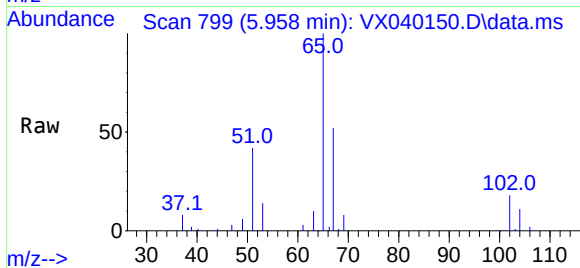
ClientSampleId :

Tgt Ion: 65 Resp: 44727

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040150.D

Acq: 07 Feb 2024 14:32

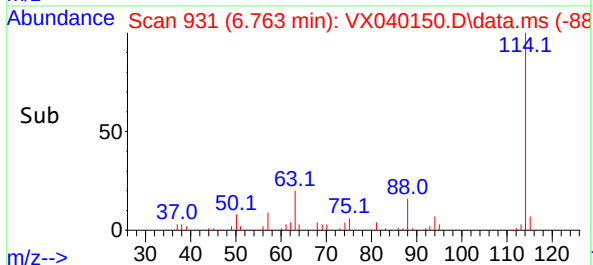
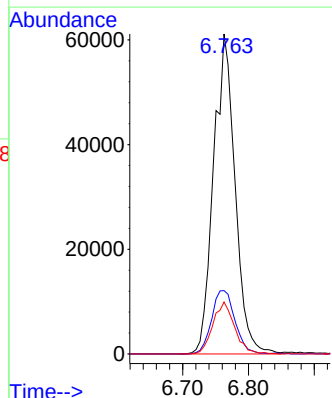
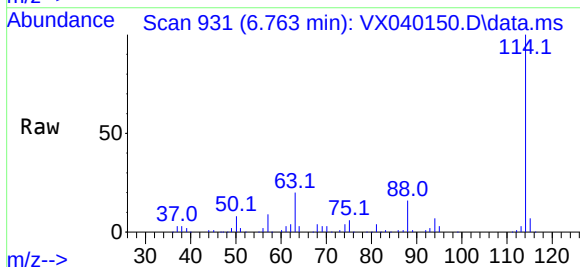
Tgt Ion: 114 Resp: 139168

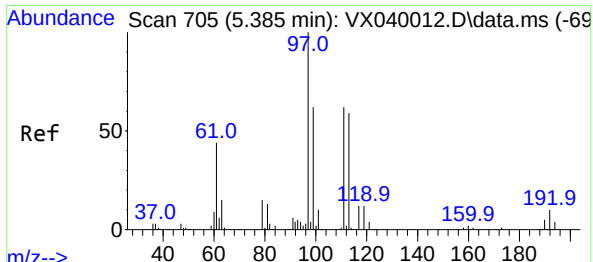
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 36.851 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

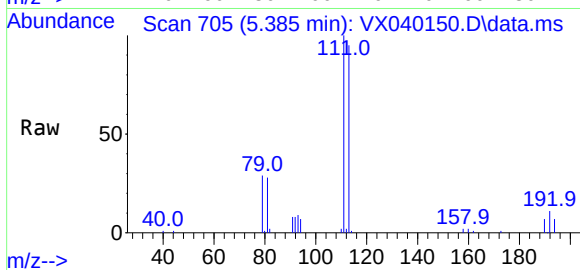
Lab File: VX040150.D

Acq: 07 Feb 2024 14:32

Instrument :

MSVOA_X

ClientSampleId :



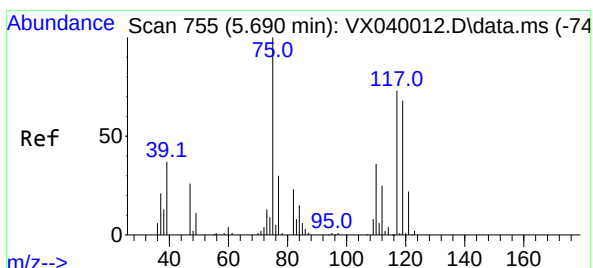
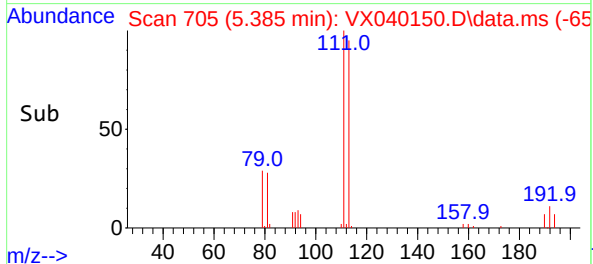
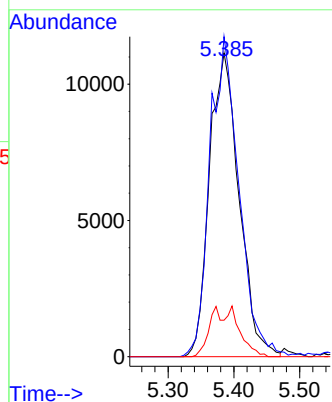
Tgt Ion:113 Resp: 34911

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 8.0 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 5.267 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX040150.D

Acq: 07 Feb 2024 14:32

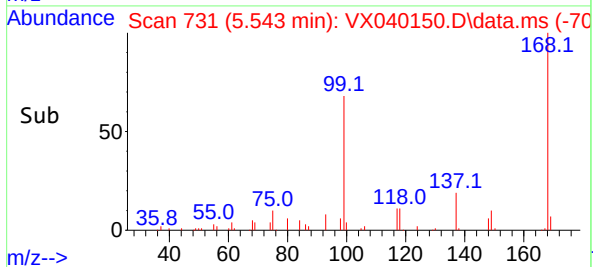
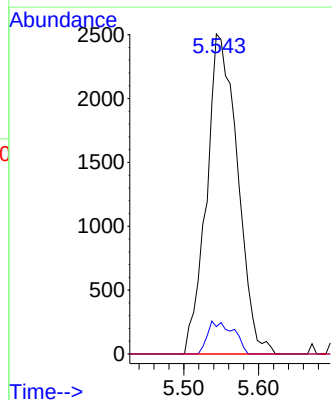
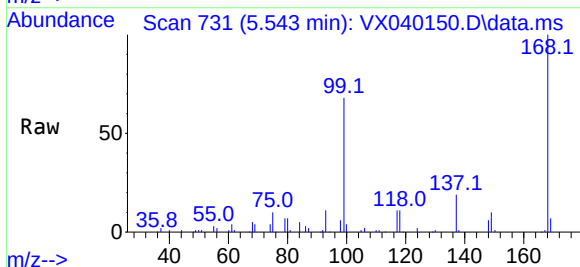
Tgt Ion: 75 Resp: 7216

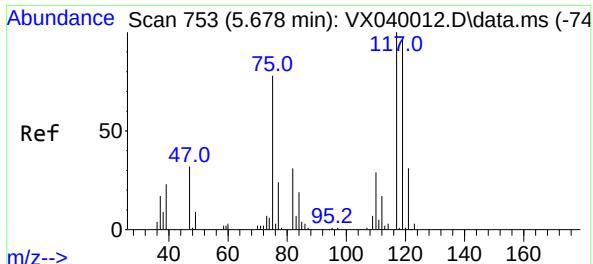
Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

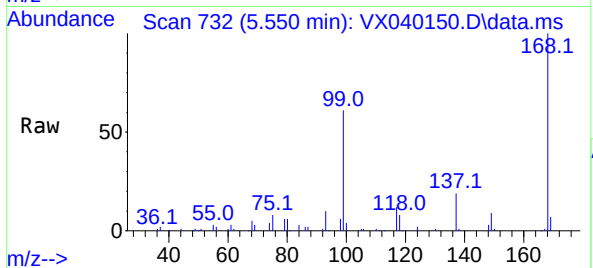
77 0.0 24.7 37.1#



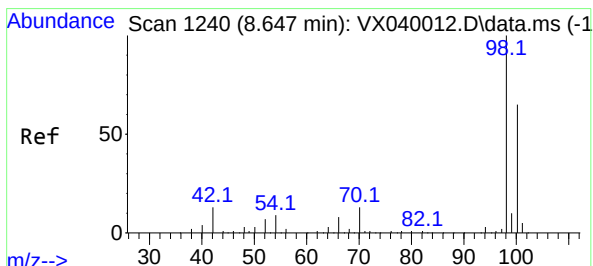
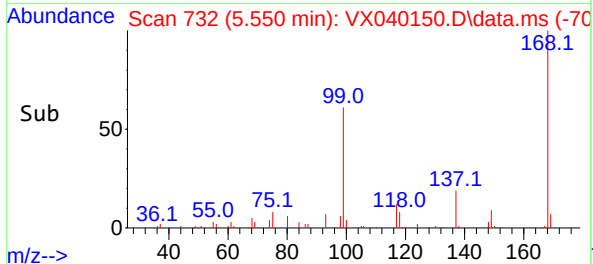
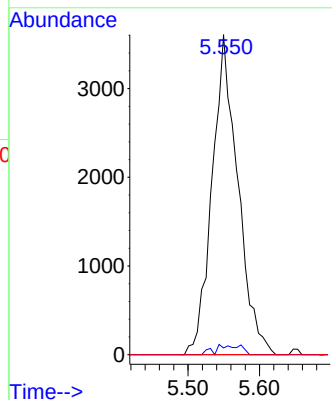


#38
Carbon Tetrachloride
Concen: 6.886 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

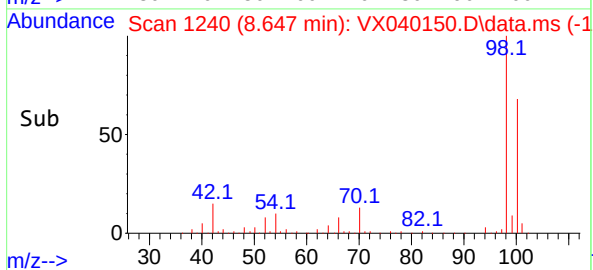
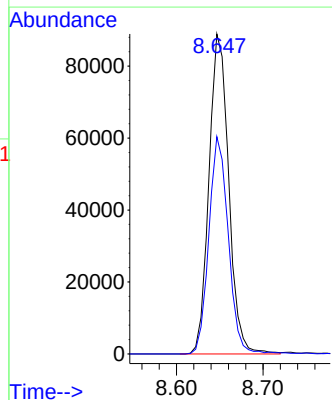
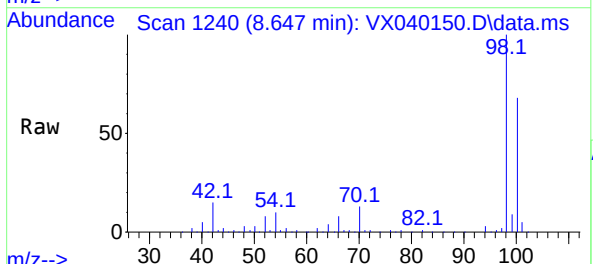


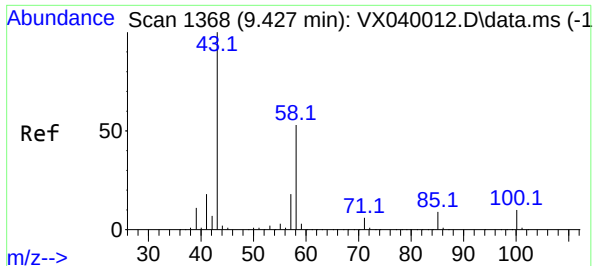
Tgt Ion:117 Resp: 9028
Ion Ratio Lower Upper
117 100
119 2.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 39.749 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Tgt Ion: 98 Resp: 140827
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7





#59

2-Hexanone

Concen: 0.211 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.024 min

Lab File: VX040150.D

Acq: 07 Feb 2024 14:32

Instrument :

MSVOA_X

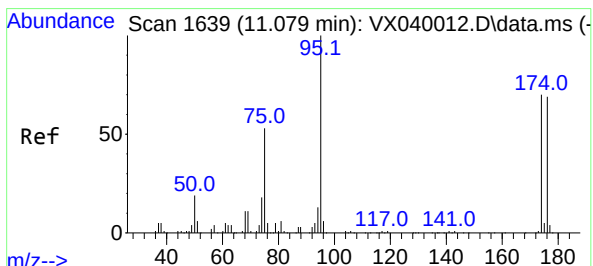
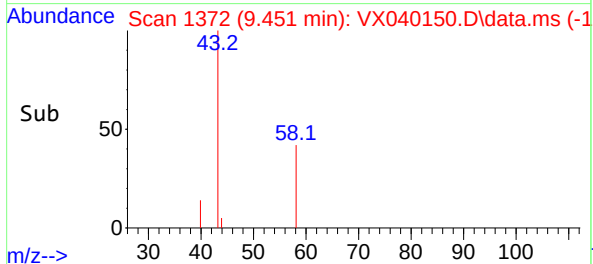
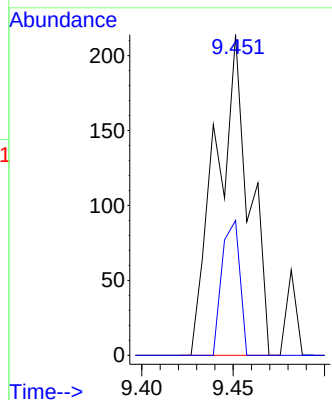
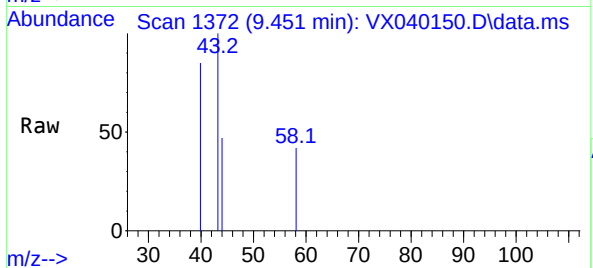
ClientSampleId :

Tgt Ion: 43 Resp: 271

Ion Ratio Lower Upper

43 100

58 22.5 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 28.248 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040150.D

Acq: 07 Feb 2024 14:32

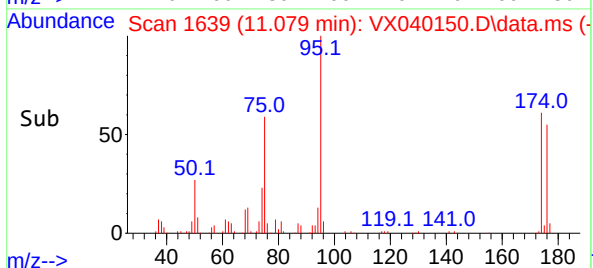
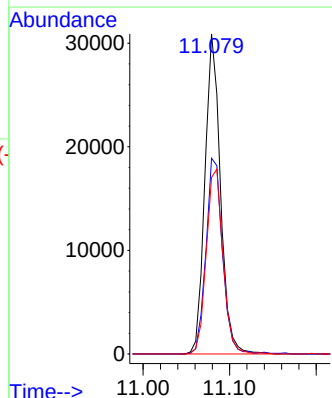
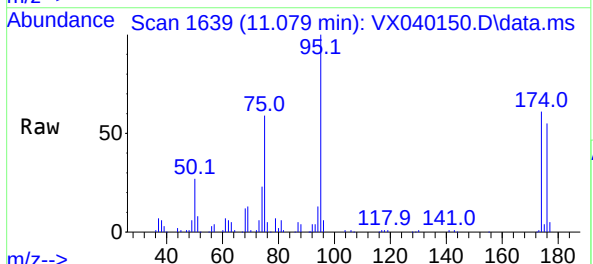
Tgt Ion: 95 Resp: 38536

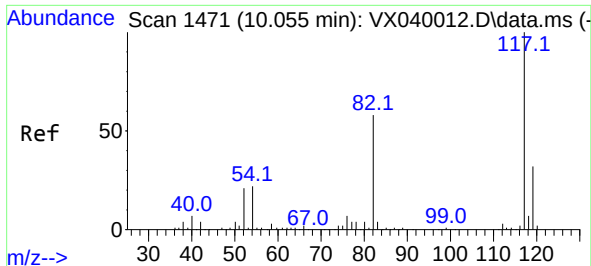
Ion Ratio Lower Upper

95 100

174 65.0 0.0 135.6

176 62.1 0.0 131.0

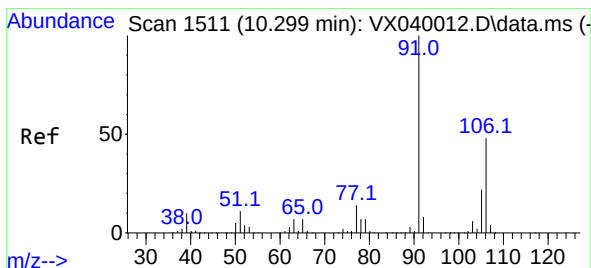
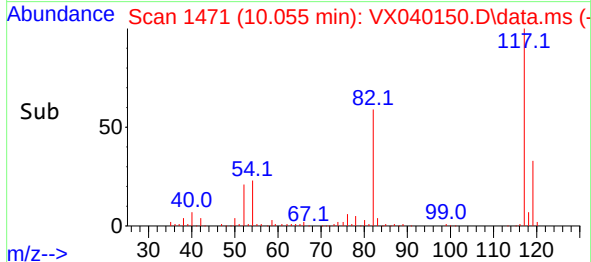
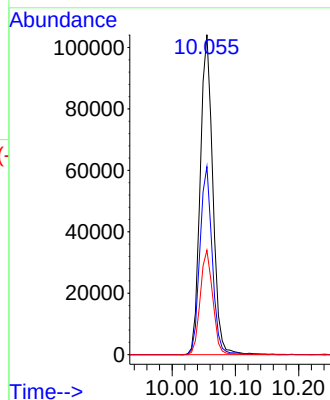
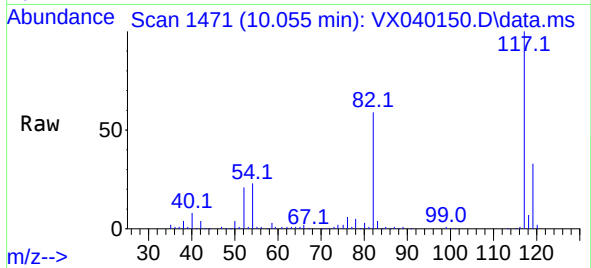




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

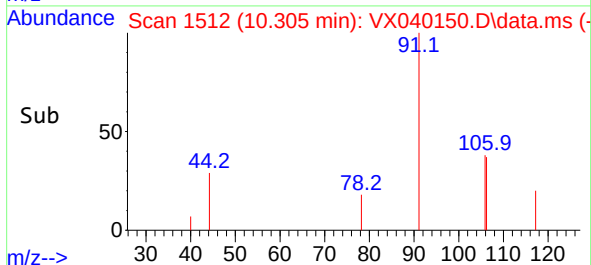
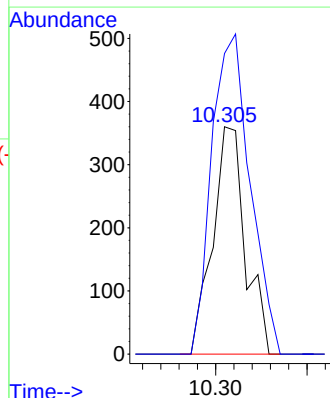
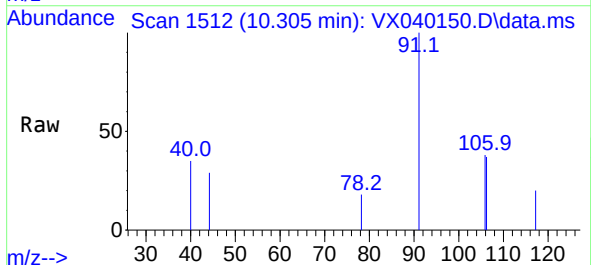
Instrument :
MSVOA_X
ClientSampleId :

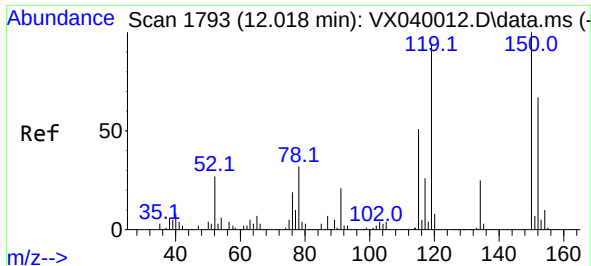
Tgt Ion:117 Resp: 144601
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

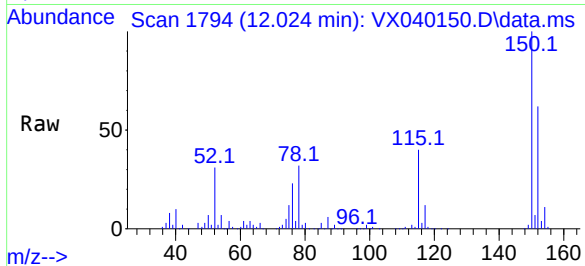
Tgt Ion:106 Resp: 447
Ion Ratio Lower Upper
106 100
91 166.2 165.5 248.3



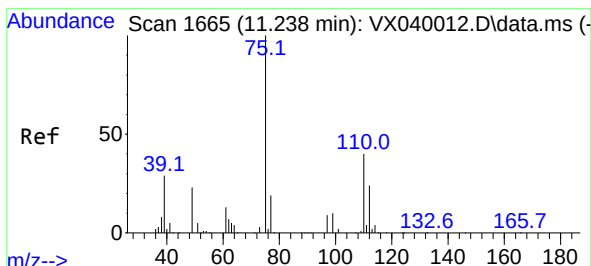
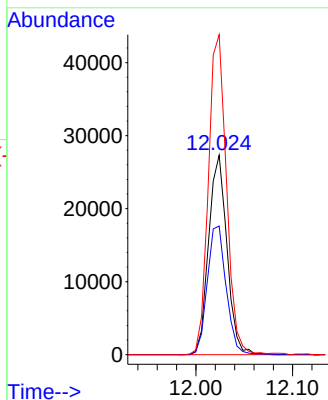
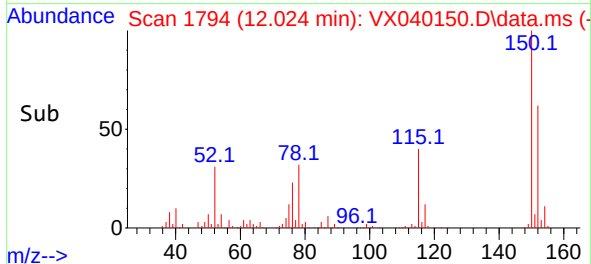


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

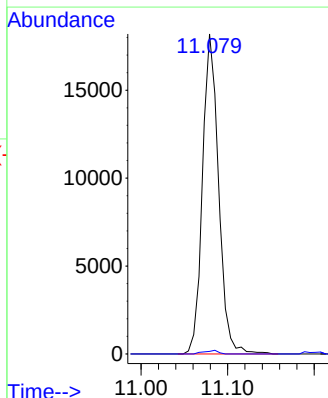
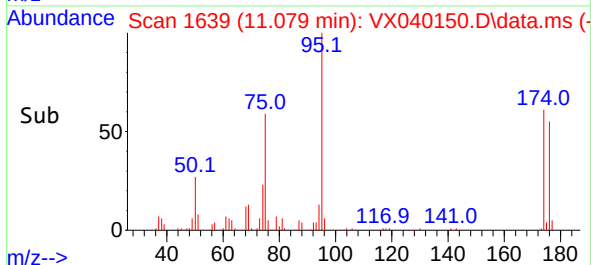
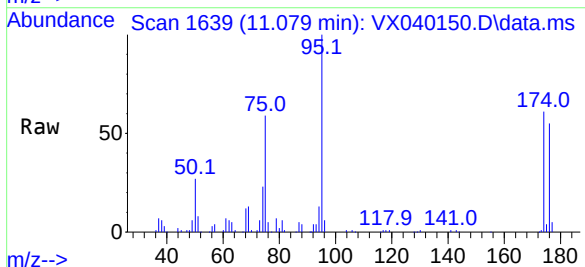


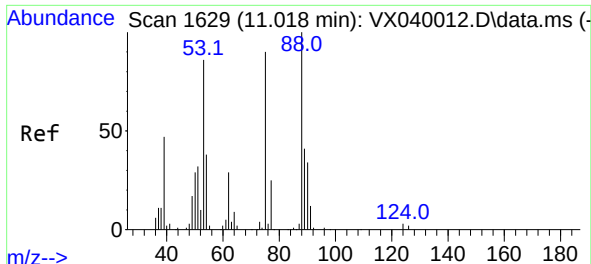
Tgt Ion:152 Resp: 35955
Ion Ratio Lower Upper
152 100
115 66.4 43.3 129.9
150 158.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 30.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Tgt Ion: 75 Resp: 23502
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

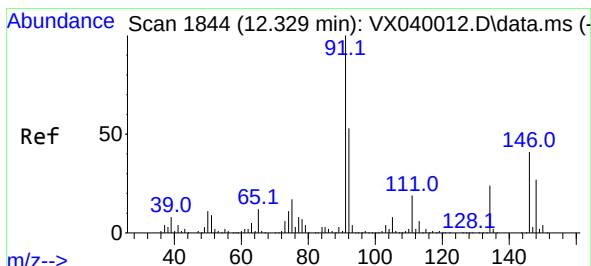
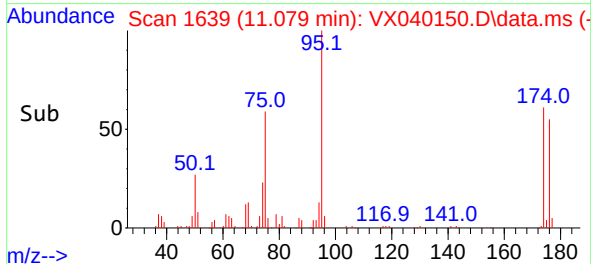
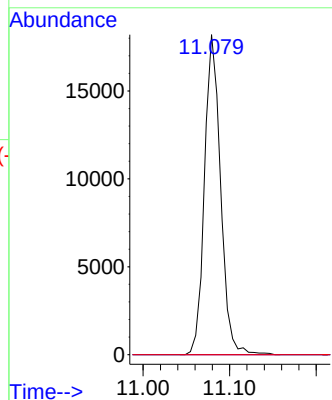
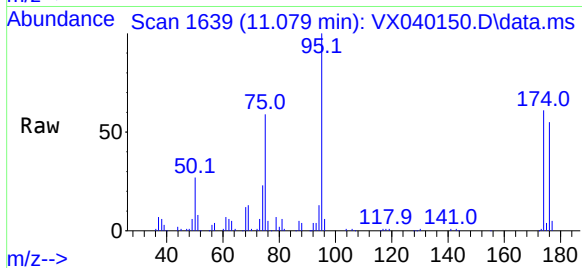




#81
trans-1,4-Dichloro-2-butene
Concen: 87.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

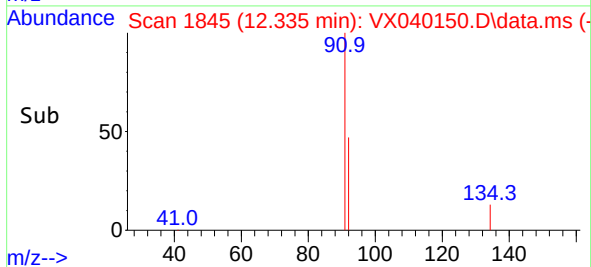
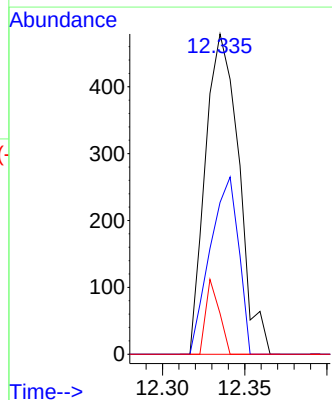
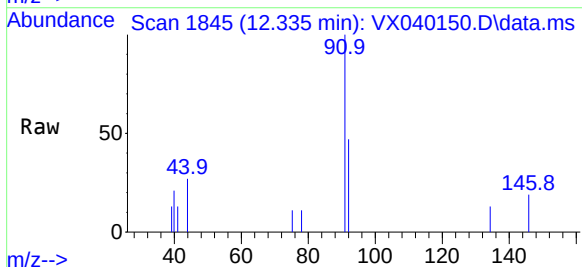
Instrument :
MSVOA_X
ClientSampleId :

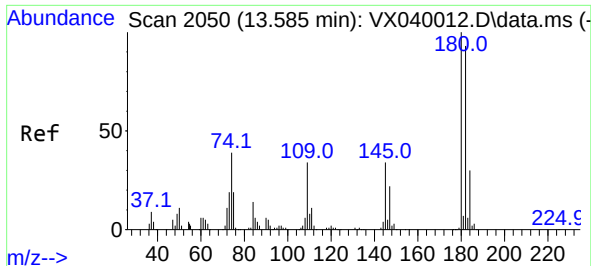
Tgt Ion: 75 Resp: 23502
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.304 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

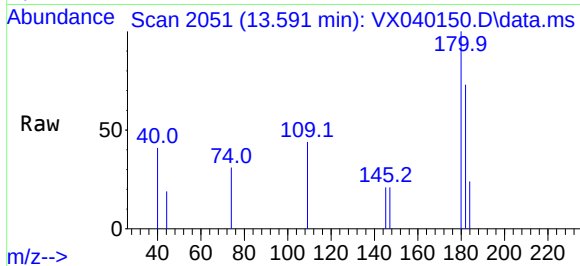
Tgt Ion: 91 Resp: 677
Ion Ratio Lower Upper
91 100
92 47.1 27.4 82.0
134 9.3 12.6 37.8#



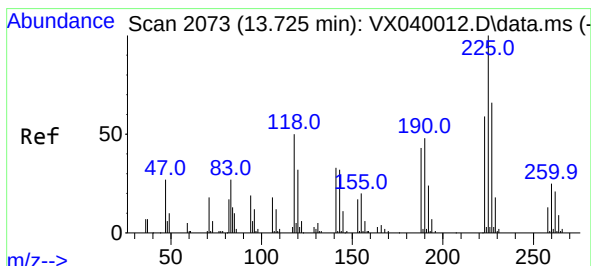
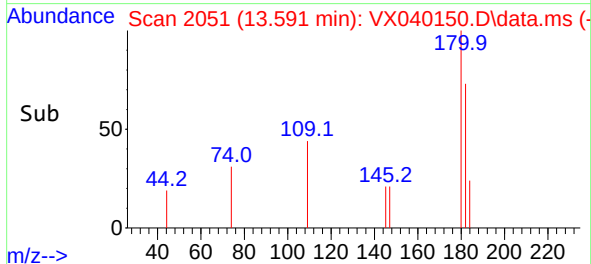
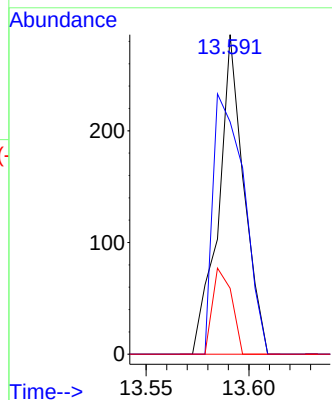


#93
1,2,4-Trichlorobenzene
Concen: 0.340 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :

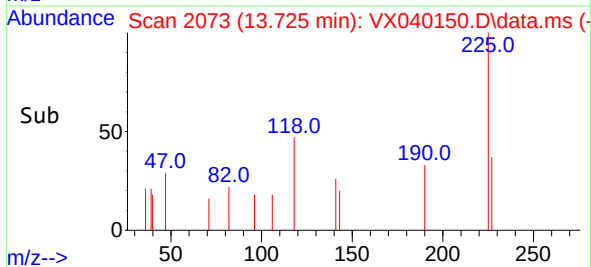
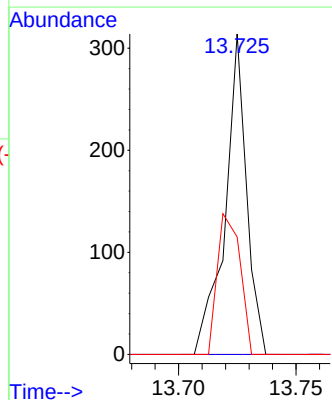
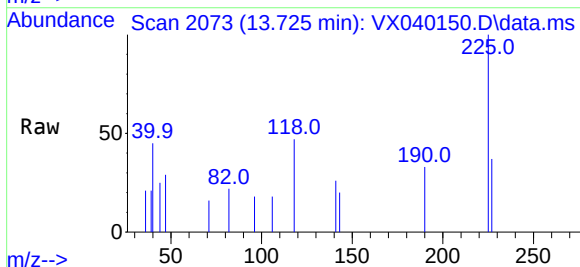


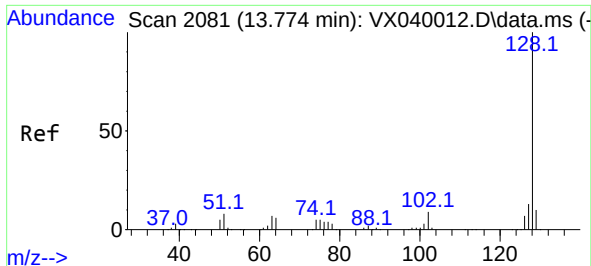
Tgt Ion:180 Resp: 246
Ion Ratio Lower Upper
180 100
182 99.2 48.3 144.8
145 20.3 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.698 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

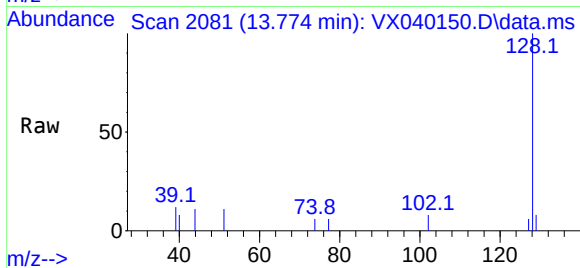
Tgt Ion:225 Resp: 199
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 46.7 32.5 97.5



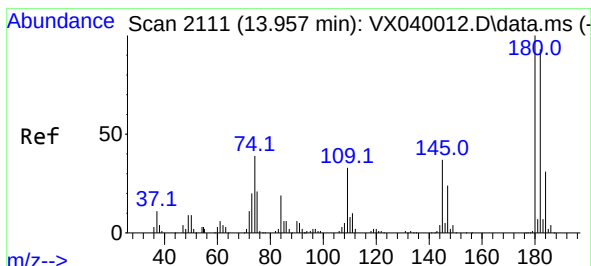
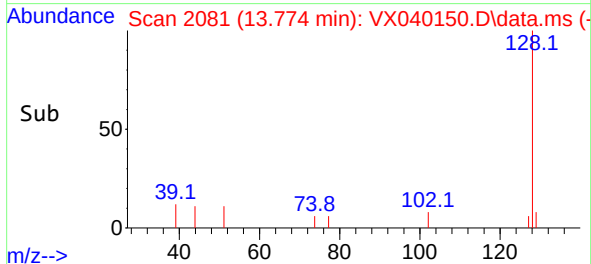
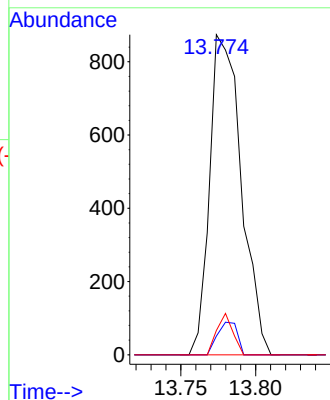


#95
Naphthalene
Concen: 0.523 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1286
Ion Ratio Lower Upper
128 100
127 6.5 10.3 15.5#
129 6.5 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.422 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX040150.D
Acq: 07 Feb 2024 14:32

Tgt Ion:180 Resp: 302
Ion Ratio Lower Upper
180 100
182 87.7 46.9 140.6
145 28.1 17.8 53.5

