

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051124\
 Data File : VX041460.D
 Acq On : 10 May 2024 15:48
 Operator : JC/MD
 Sample : P2445-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 11 01:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

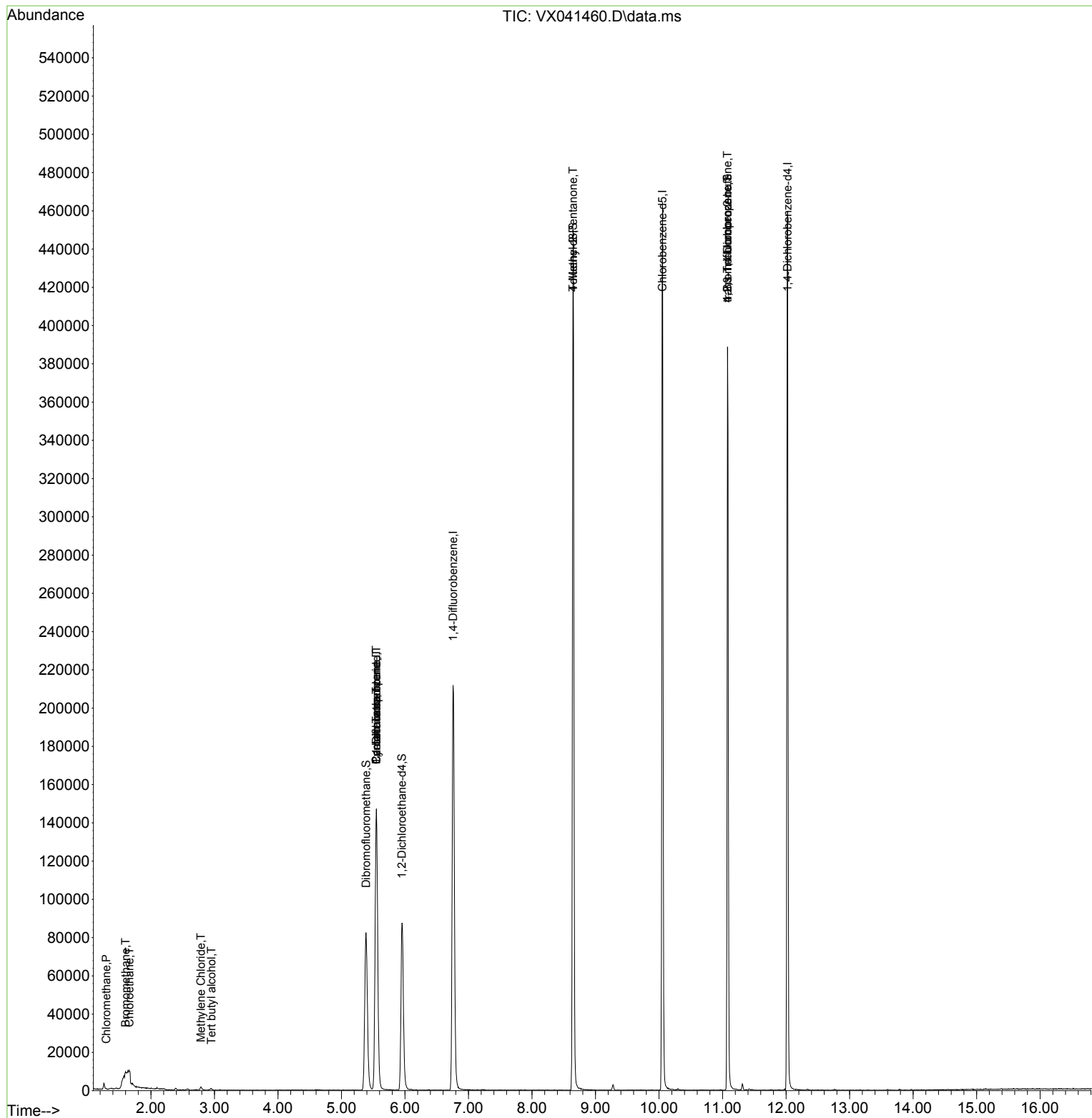
Internal Standards						
1) Pentafluorobenzene	5.550	168	155520	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	232442	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87568	51.722	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.440%	
35) Dibromofluoromethane	5.385	113	71706	45.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.040%	
50) Toluene-d8	8.647	98	263035	52.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	11.079	95	98670	51.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	274	0.207	ug/l	94
5) Bromomethane	1.599	94	508	0.643	ug/l #	79
6) Chloroethane	1.660	64	186	0.318	ug/l #	57
11) Tert butyl alcohol	2.953	59	520	1.535	ug/l #	78
16) Acetone	2.386	43	1171	Below Cal	#	76
20) Methylene Chloride	2.788	84	925	0.629	ug/l	93
31) Cyclohexane	5.550	56	2850	1.395	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10123	5.374	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14065	6.518	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1117	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49634	28.391	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49634	77.333	ug/l #	5

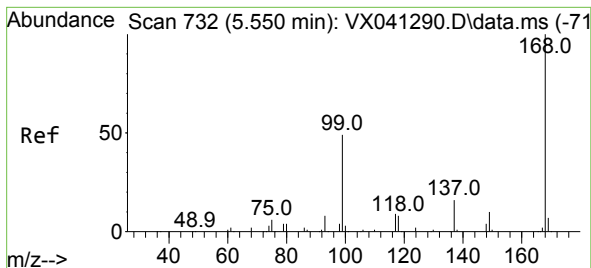
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

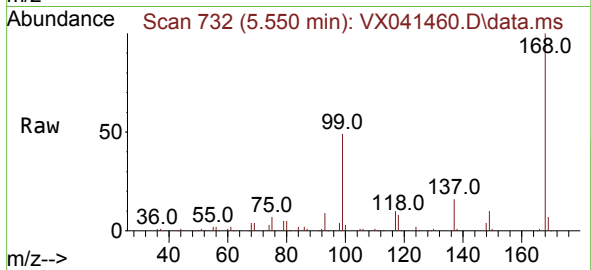
Lab File: VX041460.D

Acq: 10 May 2024 15:48

Instrument :

MSVOA_X

ClientSampleId :

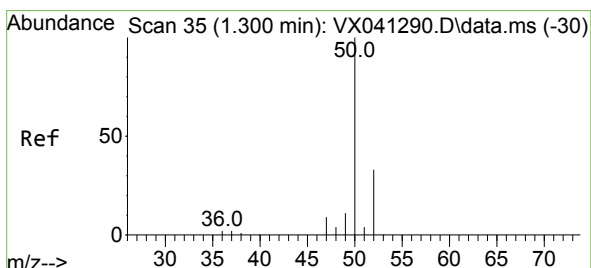
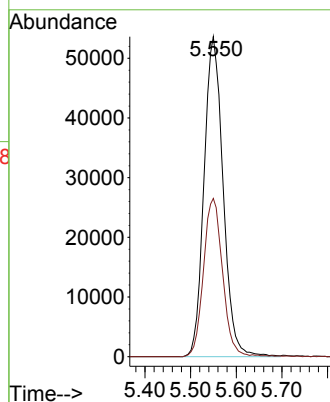
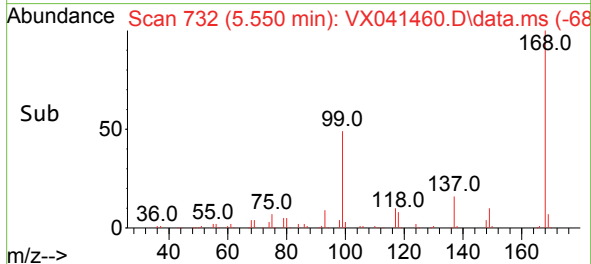


Tgt Ion:168 Resp: 155520

Ion Ratio Lower Upper

168 100

99 49.5 56.6 85.0#



#3

Chloromethane

Concen: 0.207 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041460.D

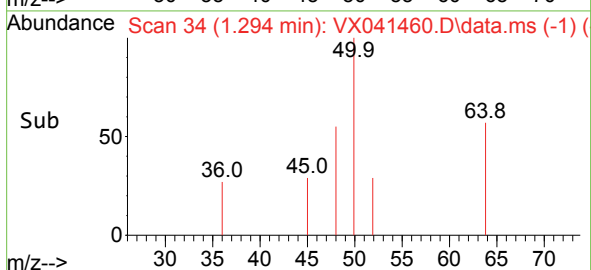
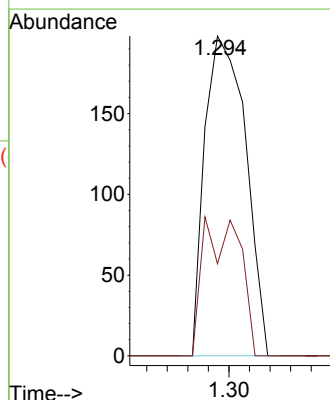
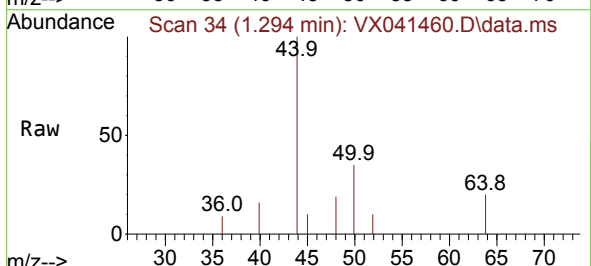
Acq: 10 May 2024 15:48

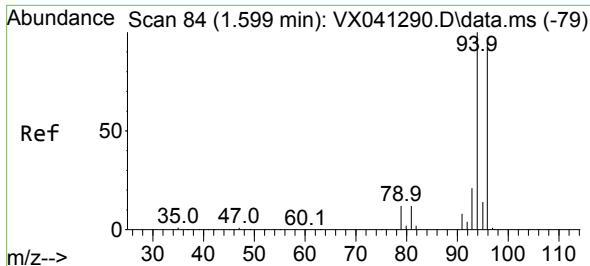
Tgt Ion: 50 Resp: 274

Ion Ratio Lower Upper

50 100

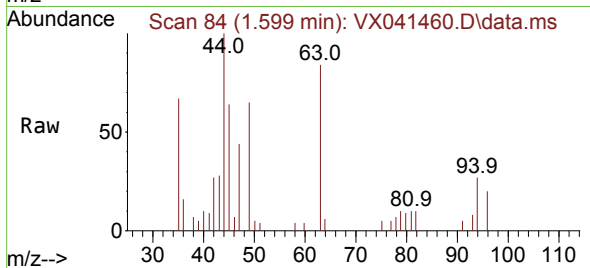
52 28.8 25.5 38.3



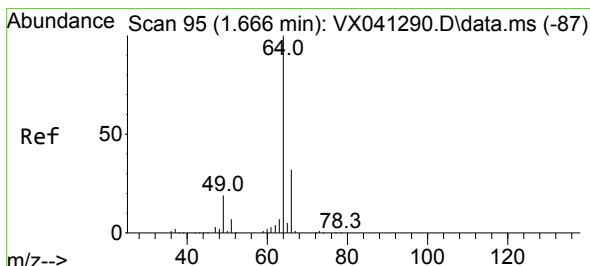
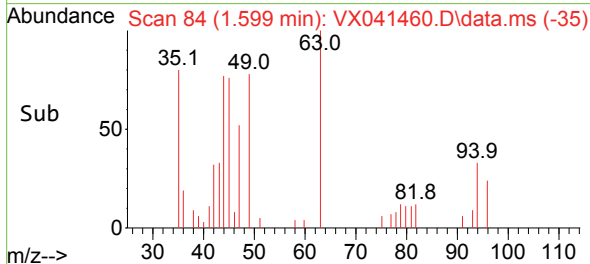
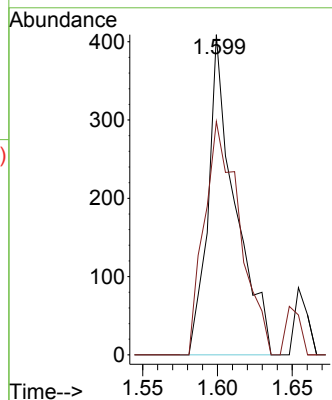


#5
Bromomethane
Concen: 0.643 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041460.D
Acq: 10 May 2024 15:48

Instrument :
MSVOA_X
ClientSampleId :

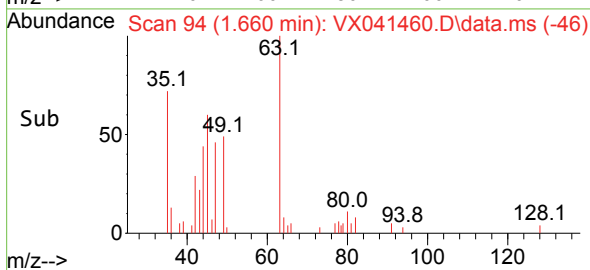
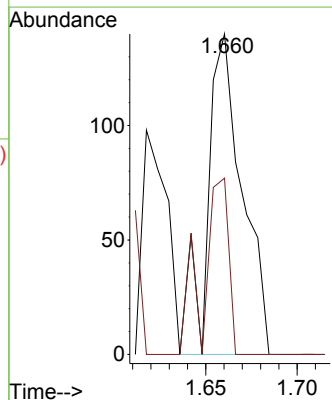
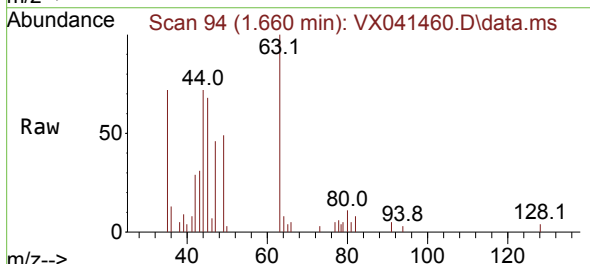


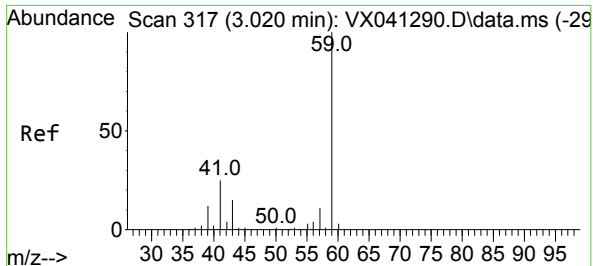
Tgt Ion: 94 Resp: 508
Ion Ratio Lower Upper
94 100
96 72.9 74.6 111.8#



#6
Chloroethane
Concen: 0.318 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041460.D
Acq: 10 May 2024 15:48

Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 55.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.535 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.067 min

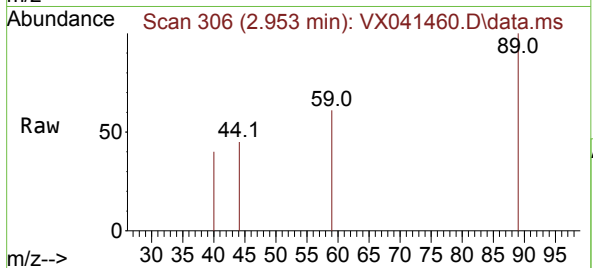
Lab File: VX041460.D

Acq: 10 May 2024 15:48

Instrument :

MSVOA_X

ClientSampleId :

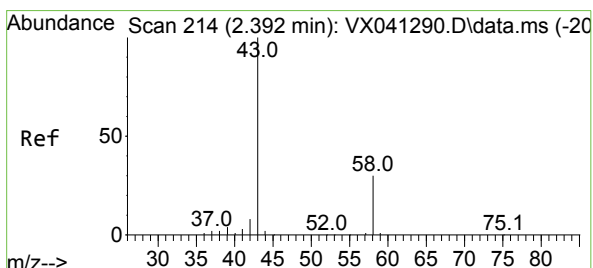
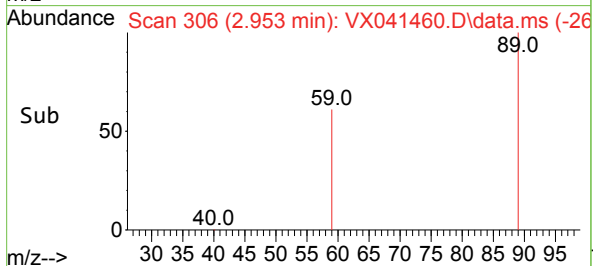
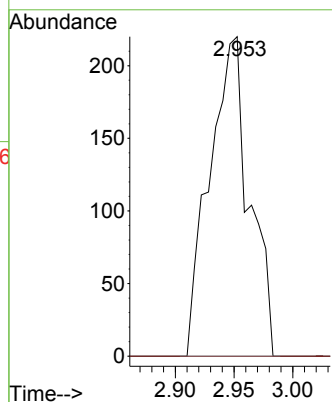


Tgt Ion: 59 Resp: 520

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041460.D

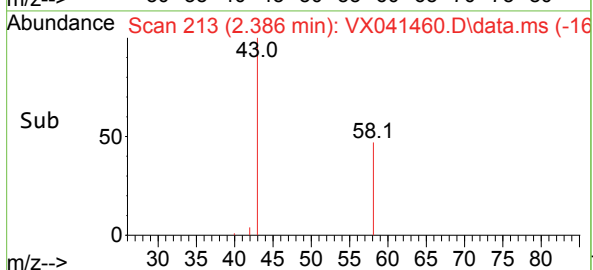
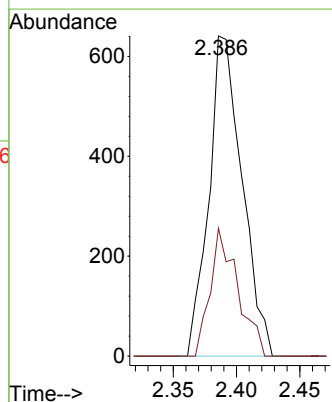
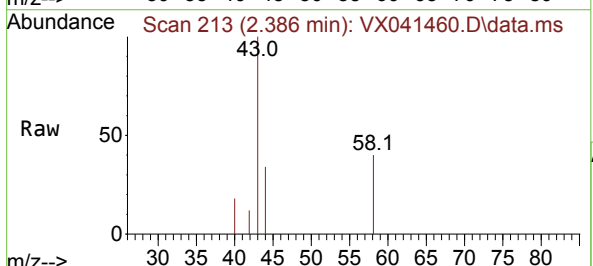
Acq: 10 May 2024 15:48

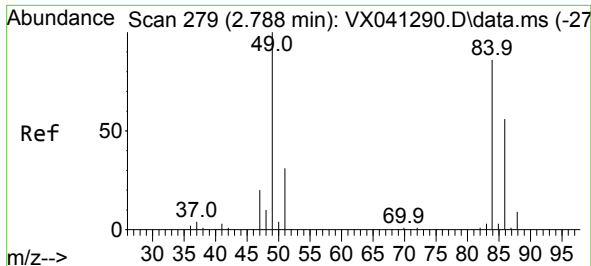
Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

58 39.9 21.9 32.9#





#20

Methylene Chloride

Concen: 0.629 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

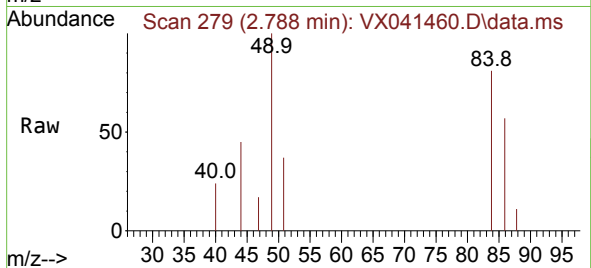
Lab File: VX041460.D

Acq: 10 May 2024 15:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 925

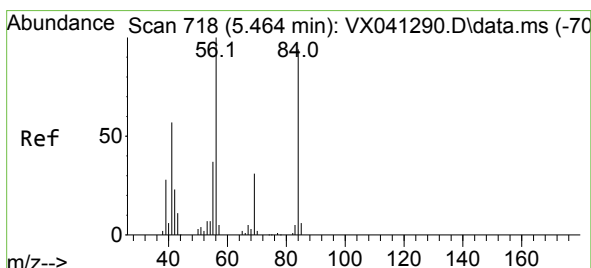
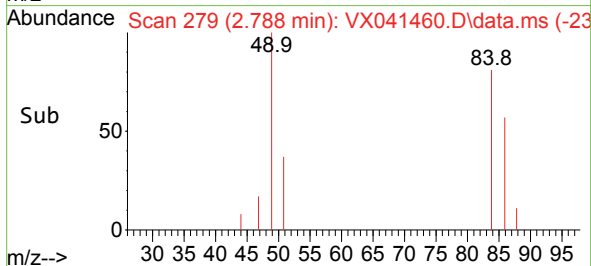
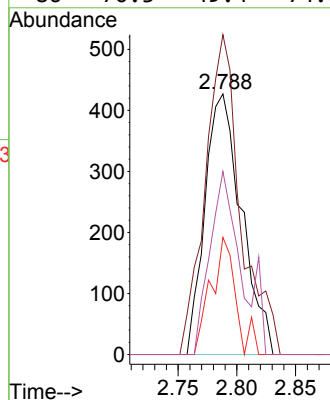
Ion Ratio Lower Upper

84 100

49 122.7 103.6 155.4

51 45.0 33.8 50.6

86 70.3 49.4 74.0



#31

Cyclohexane

Concen: 1.395 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX041460.D

Acq: 10 May 2024 15:48

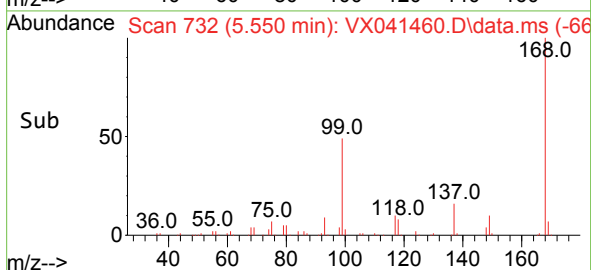
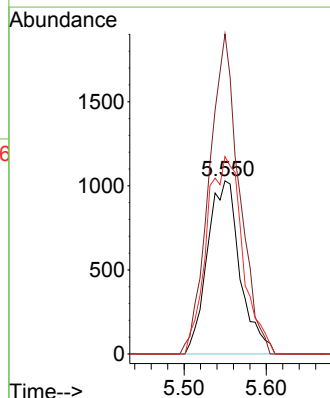
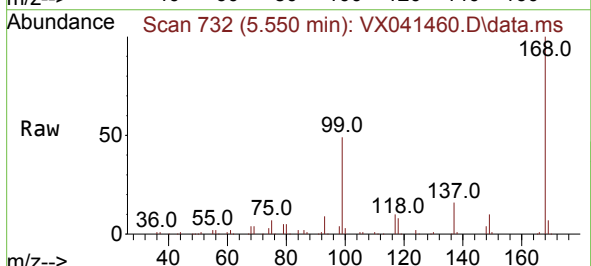
Tgt Ion: 56 Resp: 2850

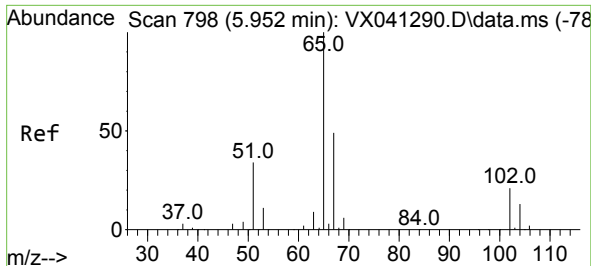
Ion Ratio Lower Upper

56 100

69 184.8 23.4 35.2#

84 114.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.722 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041460.D

Acq: 10 May 2024 15:48

Instrument :

MSVOA_X

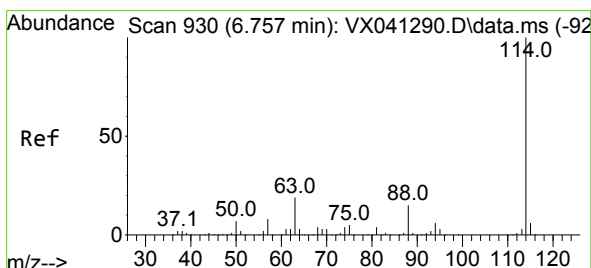
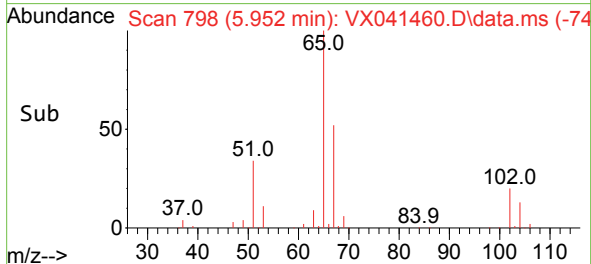
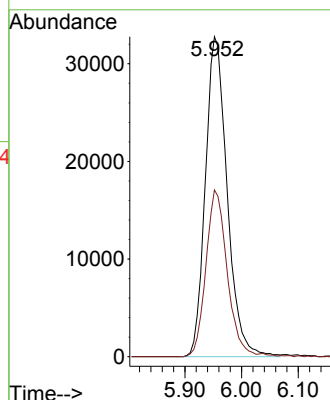
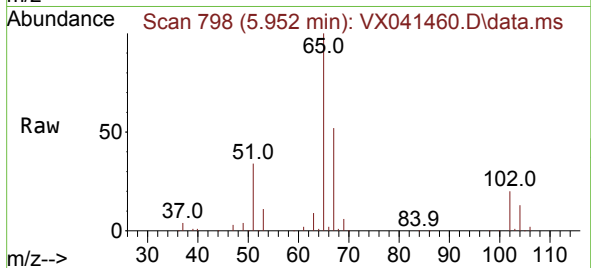
ClientSampleId :

Tgt Ion: 65 Resp: 87568

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041460.D

Acq: 10 May 2024 15:48

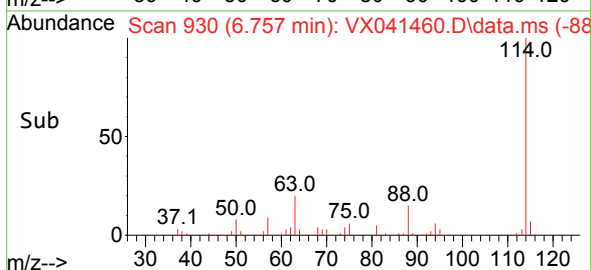
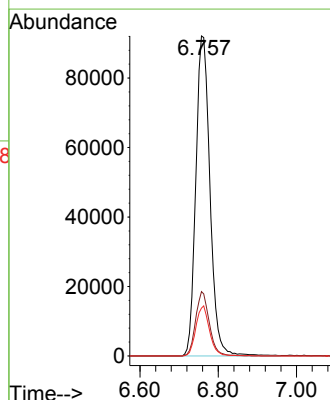
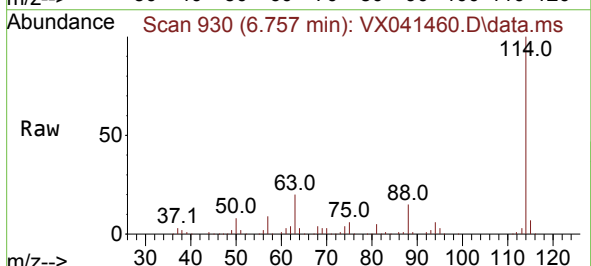
Tgt Ion: 114 Resp: 232442

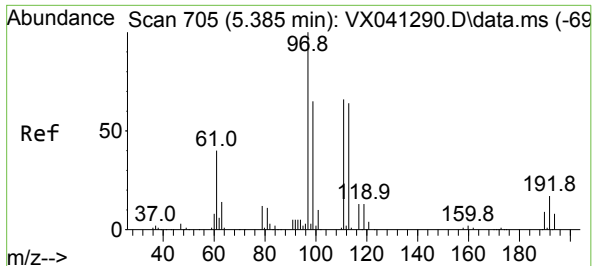
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

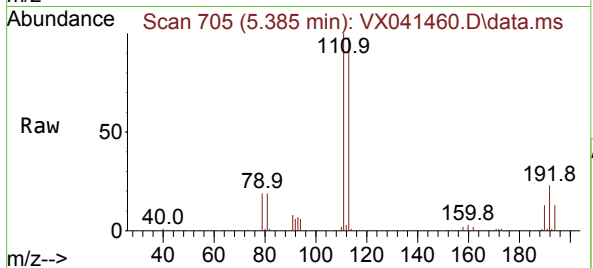
88 14.9 0.0 36.6



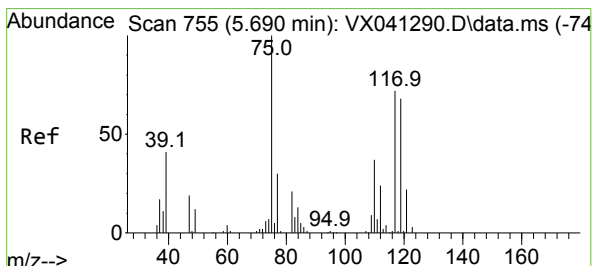
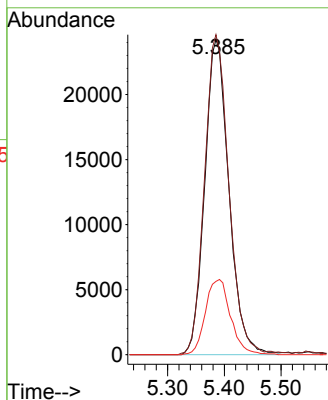
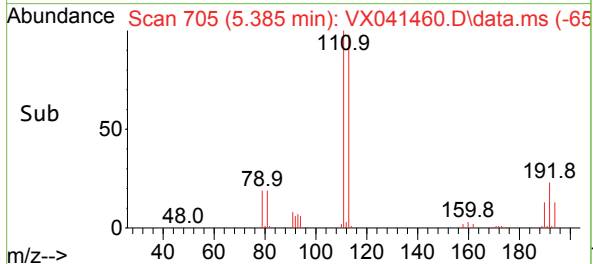


#35
Dibromofluoromethane
Concen: 45.522 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041460.D
Acq: 10 May 2024 15:48

Instrument :
MSVOA_X
ClientSampleId :

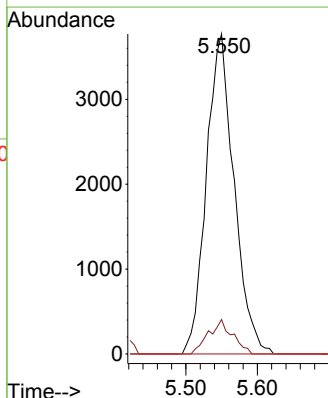
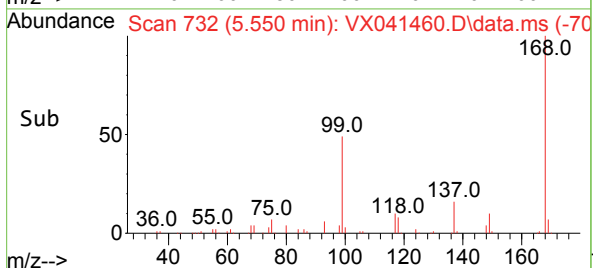
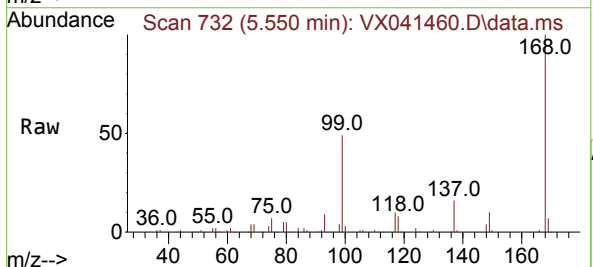


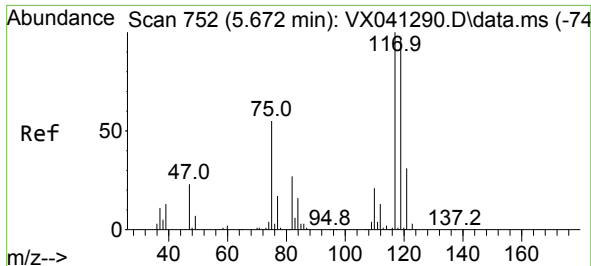
Tgt Ion:113 Resp: 71706
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 24.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.374 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041460.D
Acq: 10 May 2024 15:48

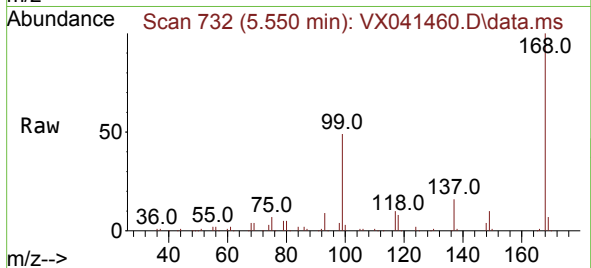
Tgt Ion: 75 Resp: 10123
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



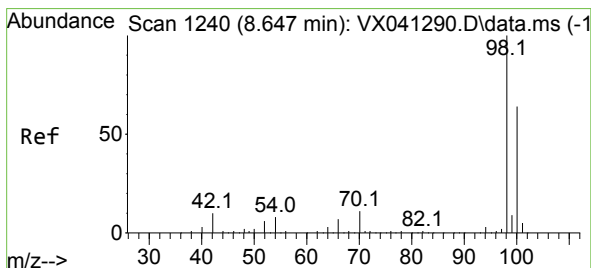
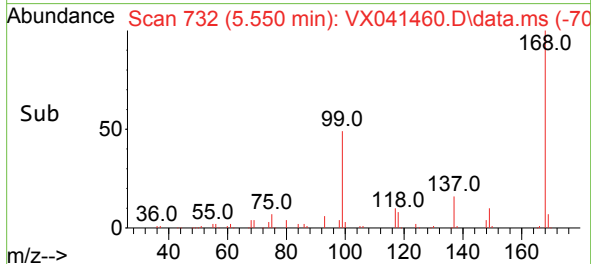
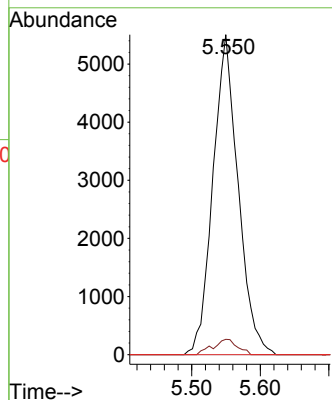


#38
Carbon Tetrachloride
Concen: 6.518 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041460.D
Acq: 10 May 2024 15:48

Instrument :
MSVOA_X
ClientSampleId :

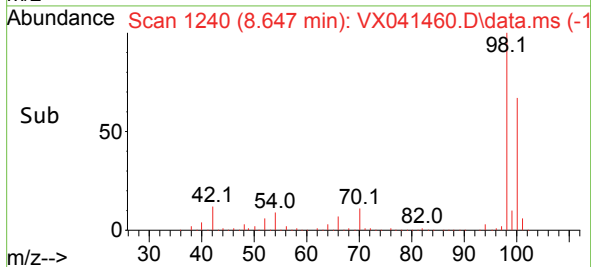
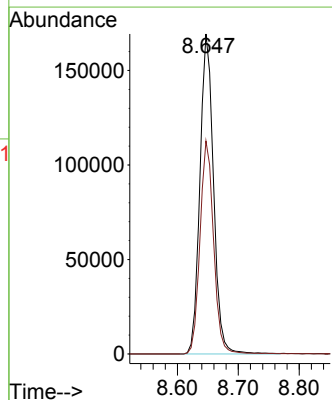
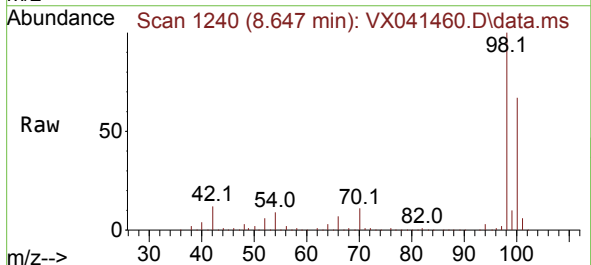


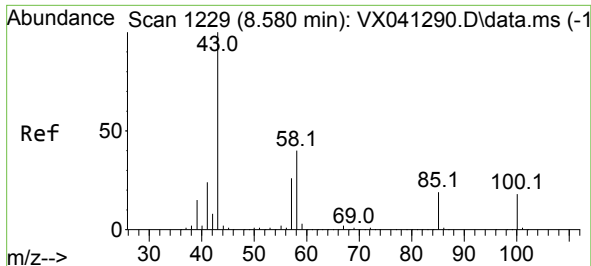
Tgt Ion:117 Resp: 14065
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 52.759 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041460.D
Acq: 10 May 2024 15:48

Tgt Ion: 98 Resp: 263035
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

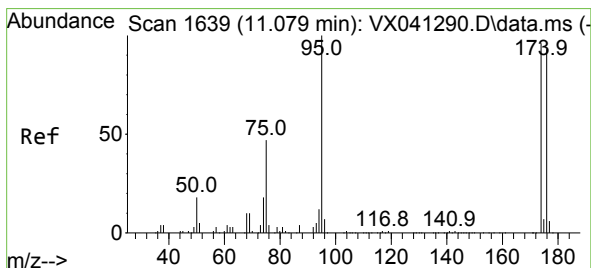
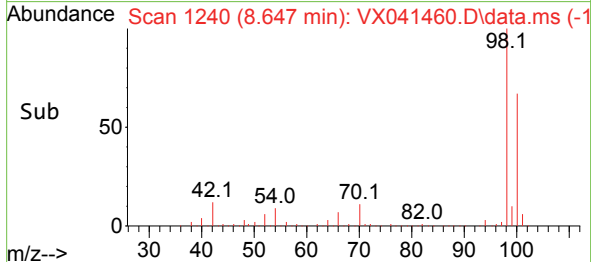
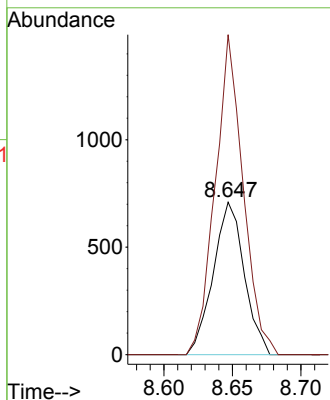
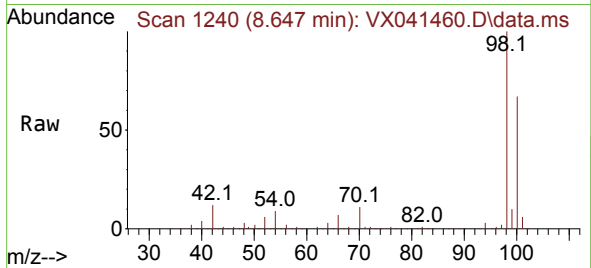




#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.647 min Scan# 1117
Delta R.T. 0.067 min
Lab File: VX041460.D
Acq: 10 May 2024 15:48

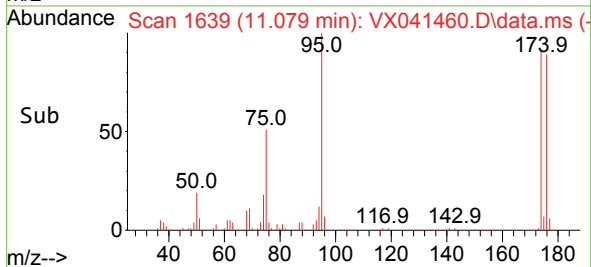
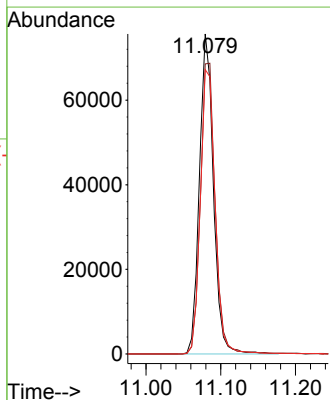
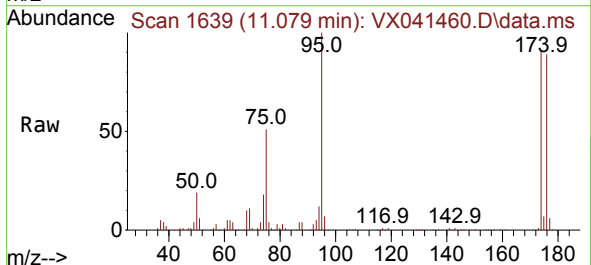
Instrument :
MSVOA_X
ClientSampleId :

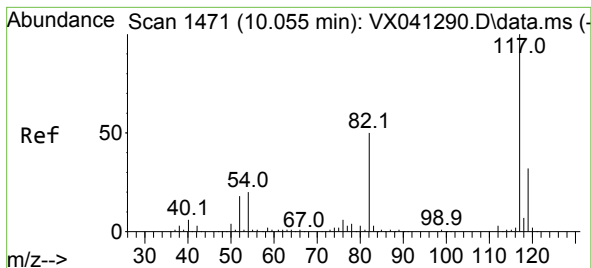
Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 188.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041460.D
Acq: 10 May 2024 15:48

Tgt Ion: 95 Resp: 98670
Ion Ratio Lower Upper
95 100
174 95.6 0.0 135.6
176 93.9 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: VX041460.D

Acq: 10 May 2024 15:48

Instrument :

MSVOA_X

ClientSampleId :

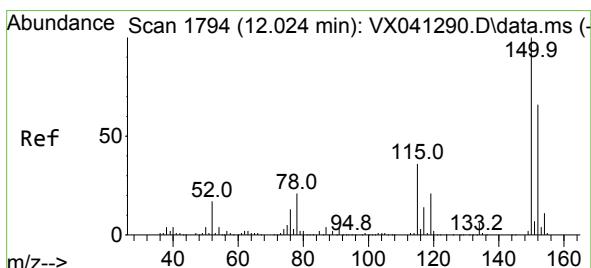
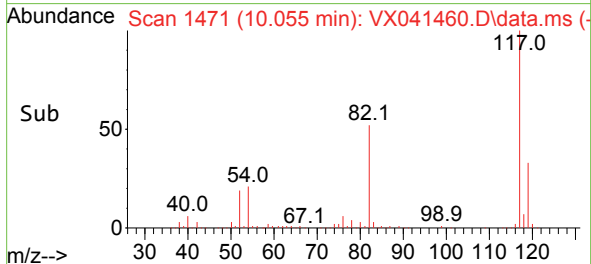
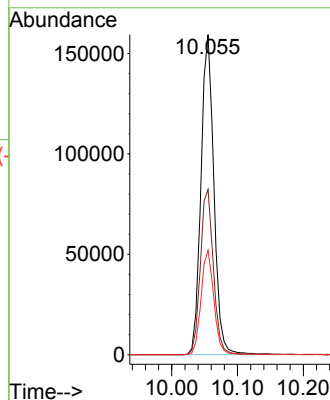
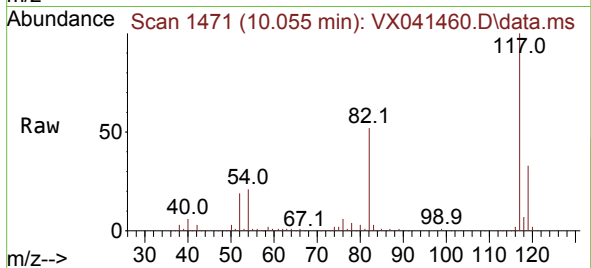
Tgt Ion:117 Resp: 217317

Ion Ratio Lower Upper

117 100

82 51.7 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041460.D

Acq: 10 May 2024 15:48

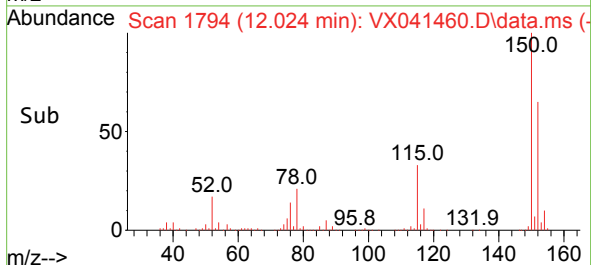
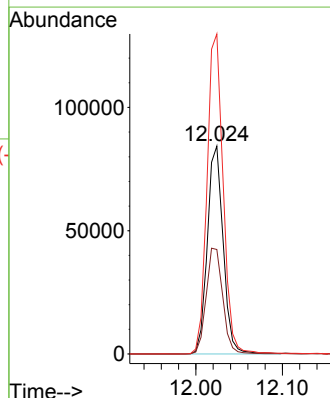
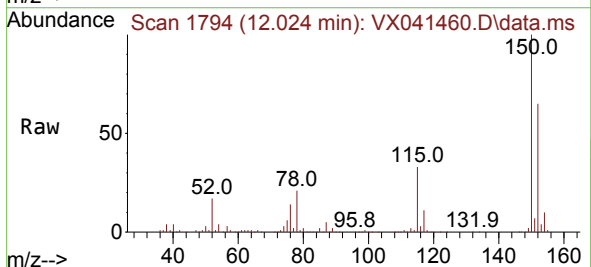
Tgt Ion:152 Resp: 107275

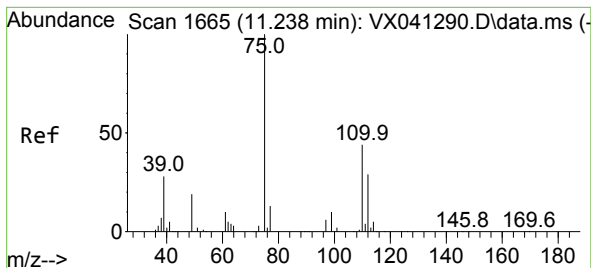
Ion Ratio Lower Upper

152 100

115 53.1 43.3 129.9

150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.391 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041460.D

Acq: 10 May 2024 15:48

Instrument :

MSVOA_X

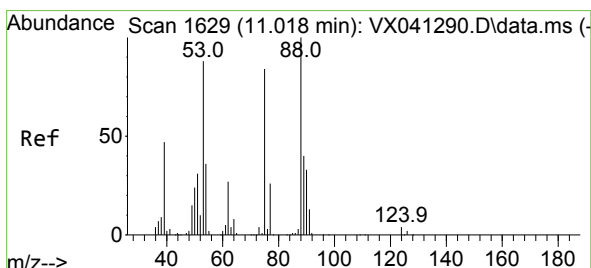
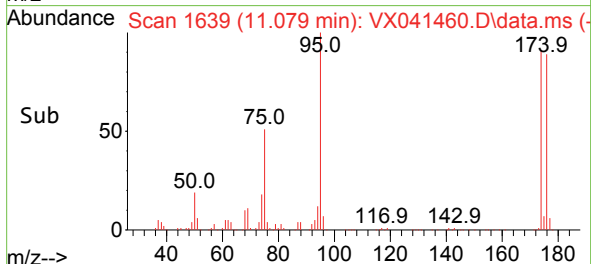
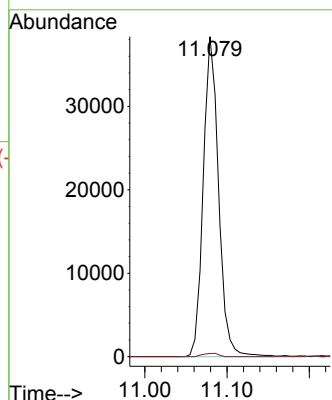
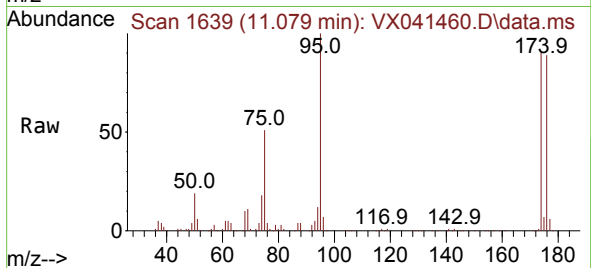
ClientSampleId :

Tgt Ion: 75 Resp: 49634

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.333 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041460.D

Acq: 10 May 2024 15:48

Tgt Ion: 75 Resp: 49634

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

