

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041114.D
 Acq On : 16 Apr 2024 18:48
 Operator : JC/MD
 Sample : P2113-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 405

Quant Time: Apr 17 02:14:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

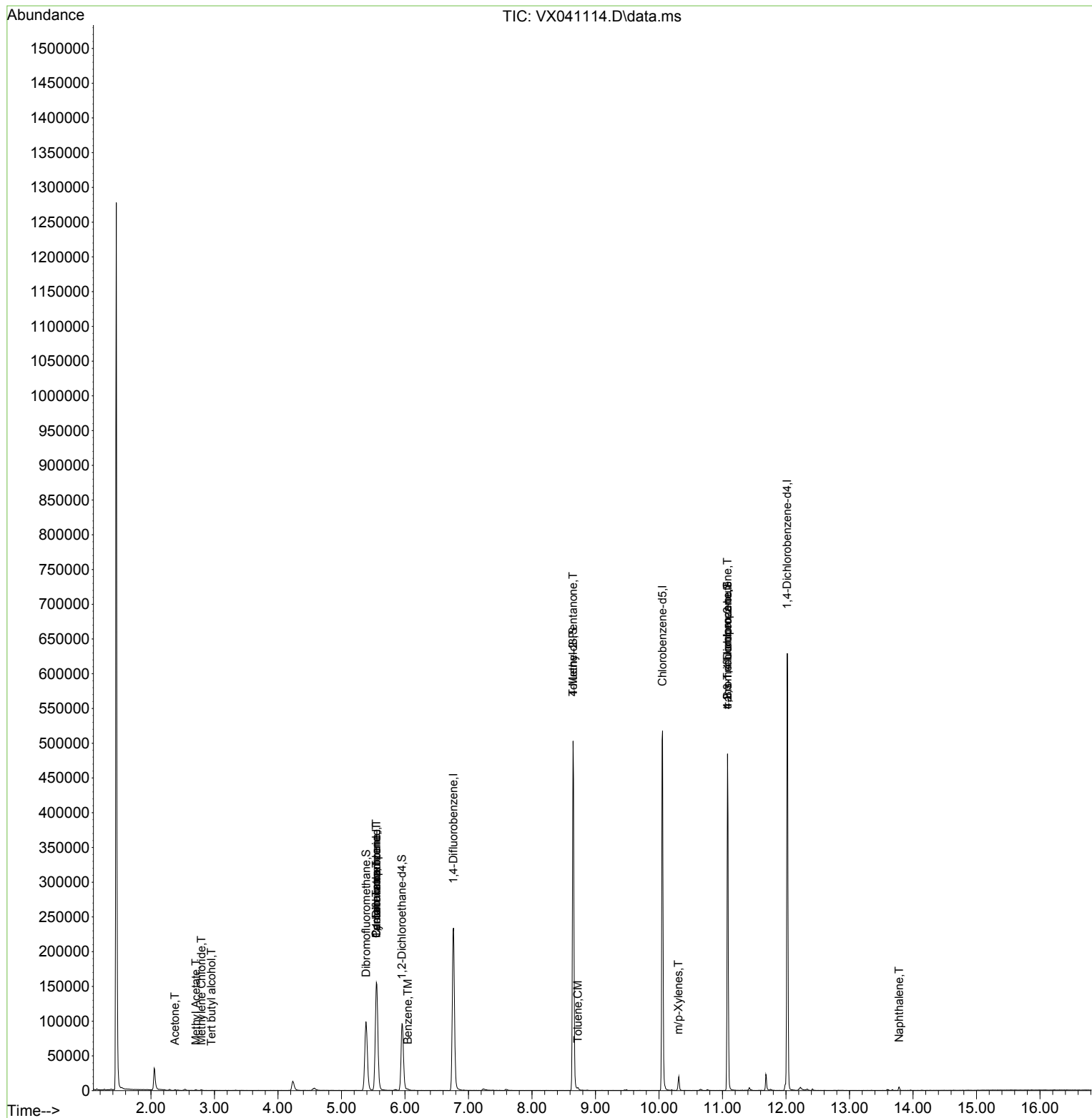
Internal Standards						
1) Pentafluorobenzene	5.550	168	168713	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	255749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	143869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96463	52.958	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.920%
35) Dibromofluoromethane	5.385	113	83905	49.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.647	98	301186	50.330	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.660%
62) 4-Bromofluorobenzene	11.079	95	114021	50.193	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.380%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	160	0.449	ug/l	# 78
16) Acetone	2.380	43	1175	1.535	ug/l	# 89
18) Methyl Acetate	2.709	43	1062	0.556	ug/l	96
20) Methylene Chloride	2.794	84	471	0.288	ug/l	# 89
31) Cyclohexane	5.550	56	2712	1.202	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10193	4.713	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	14407	5.744	ug/l	# 14
40) Benzene	6.044	78	1764	0.267	ug/l	# 74
51) 4-Methyl-2-Pentanone	8.647	43	1246	0.478	ug/l	# 1
52) Toluene	8.720	92	1142	0.265	ug/l	93
68) m/p-Xylenes	10.305	106	730	0.210	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	57269	24.427	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	57269	62.484	ug/l	# 5
95) Naphthalene	13.780	128	3264	0.345	ug/l	98

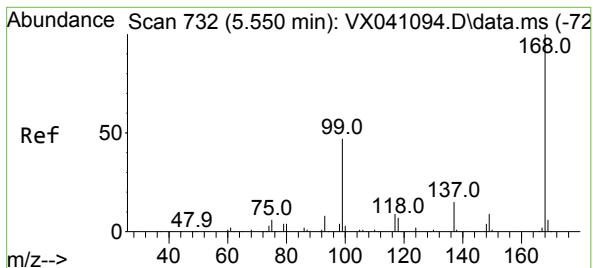
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX041114.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

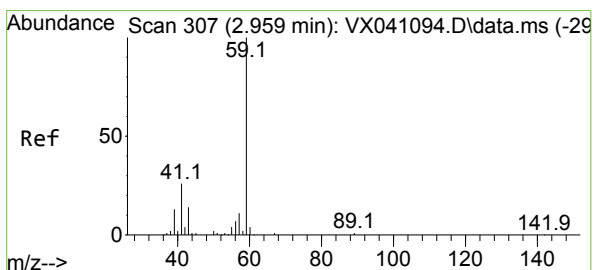
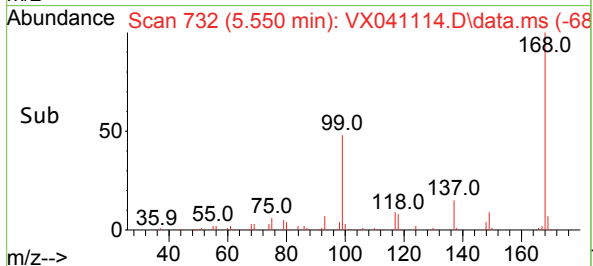
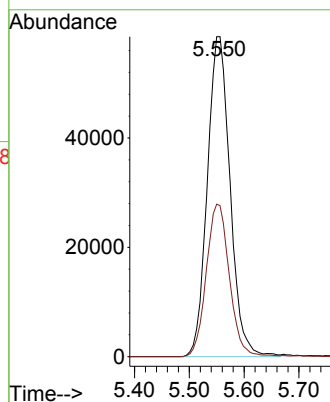
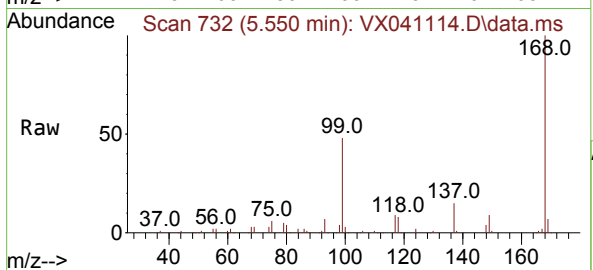
405

Tgt Ion:168 Resp: 168713

Ion Ratio Lower Upper

168 100

99 47.6 56.6 85.0#



#11

Tert butyl alcohol

Concen: 0.449 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX041114.D

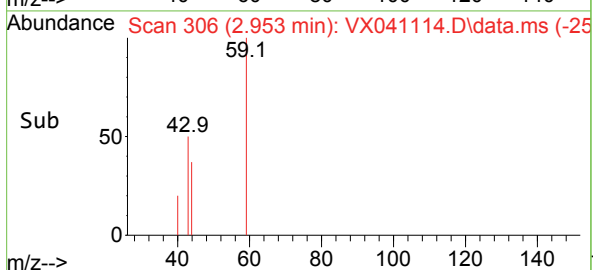
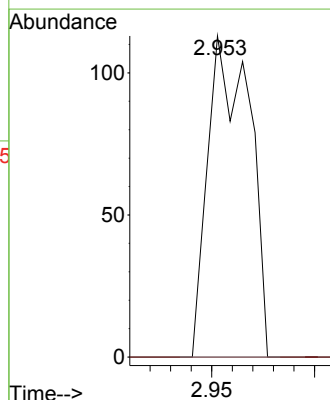
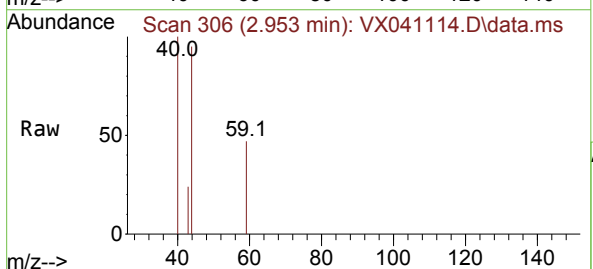
Acq: 16 Apr 2024 18:48

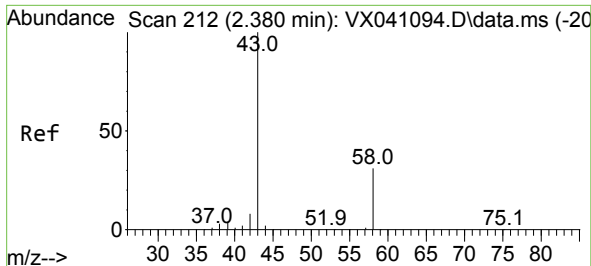
Tgt Ion: 59 Resp: 160

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

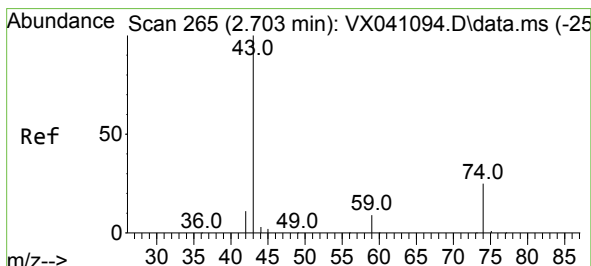
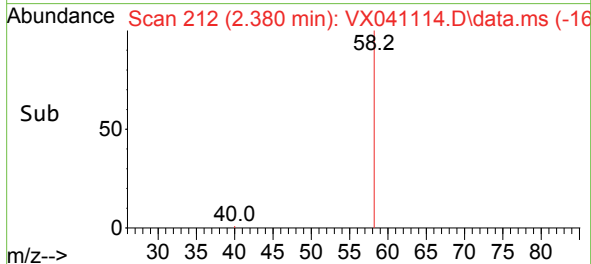
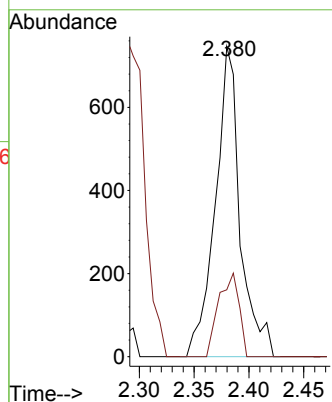
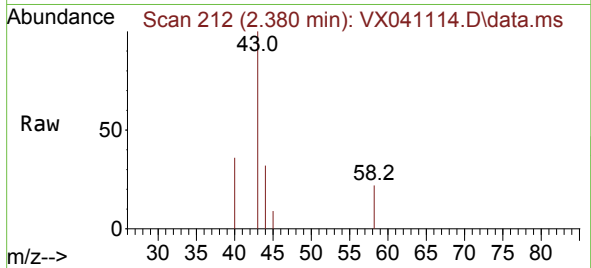




#16
Acetone
Concen: 1.535 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

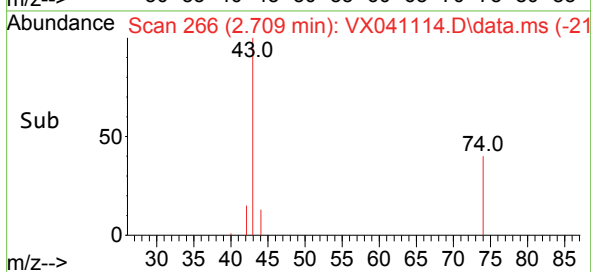
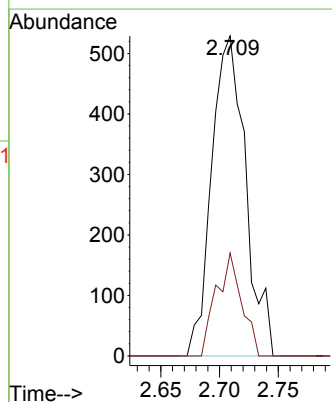
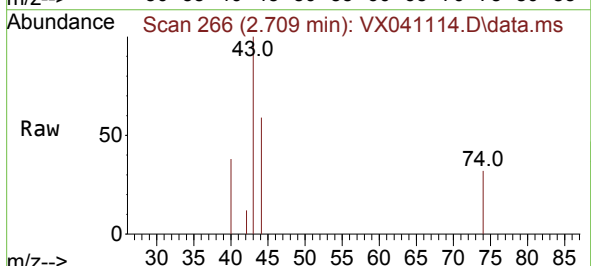
Instrument :
MSVOA_X
ClientSampleId :
405

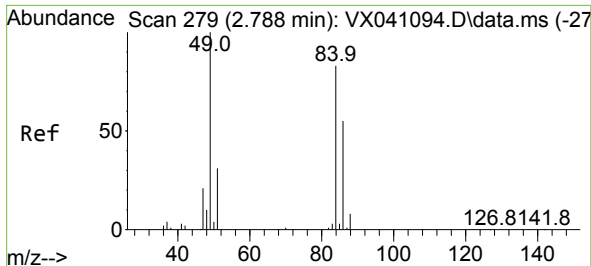
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 21.6 21.9 32.9#



#18
Methyl Acetate
Concen: 0.556 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.8

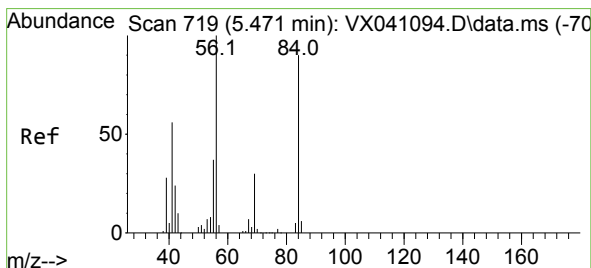
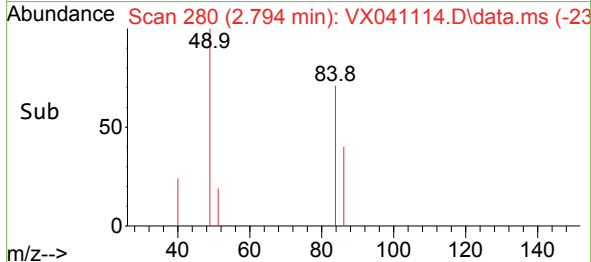
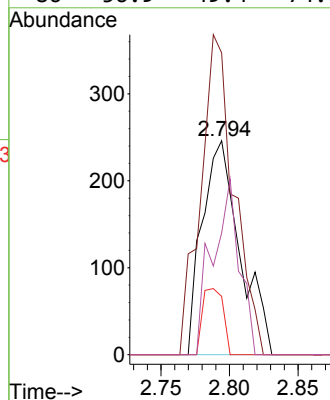
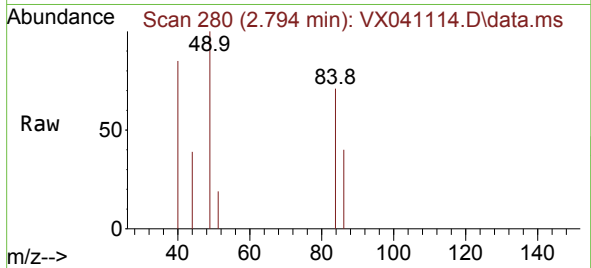




#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

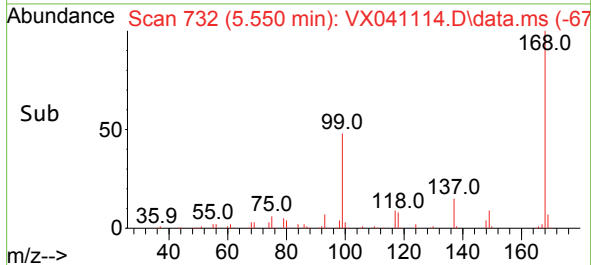
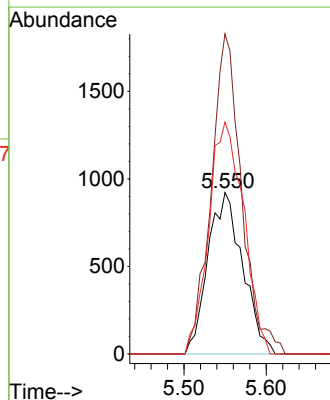
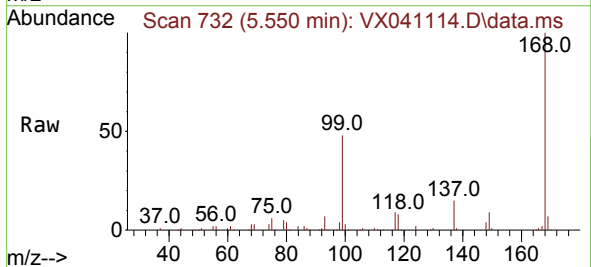
Instrument :
MSVOA_X
ClientSampleId :
405

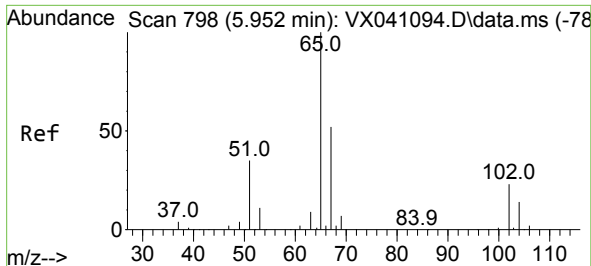
Tgt Ion:	84	Resp:	471
Ion	Ratio	Lower	Upper
84	100		
49	141.1	103.6	155.4
51	27.2	33.8	50.6#
86	56.9	49.4	74.0



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Tgt Ion:	56	Resp:	2712
Ion	Ratio	Lower	Upper
56	100		
69	198.3	23.4	35.2#
84	143.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.958 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041114.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

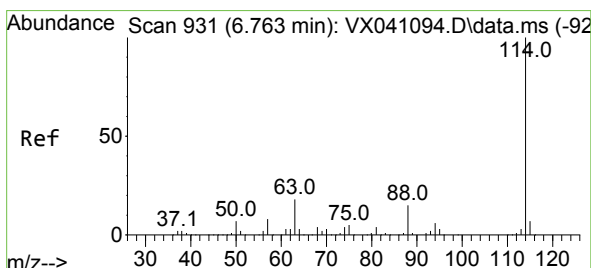
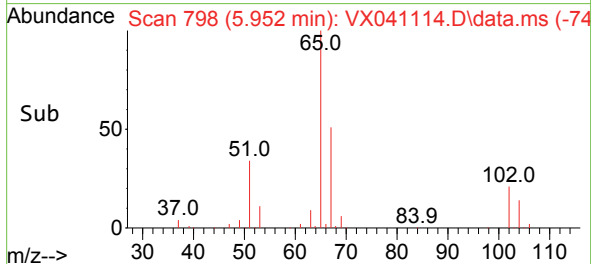
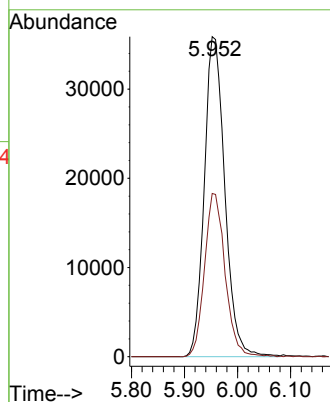
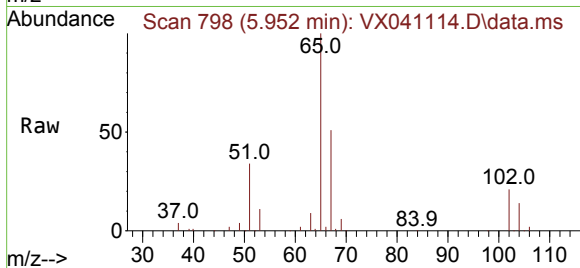
405

Tgt Ion: 65 Resp: 96463

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: VX041114.D

Acq: 16 Apr 2024 18:48

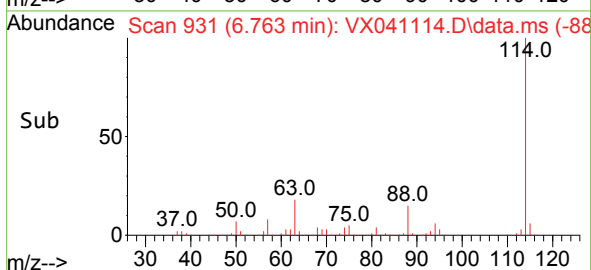
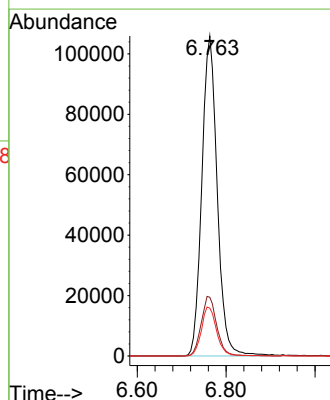
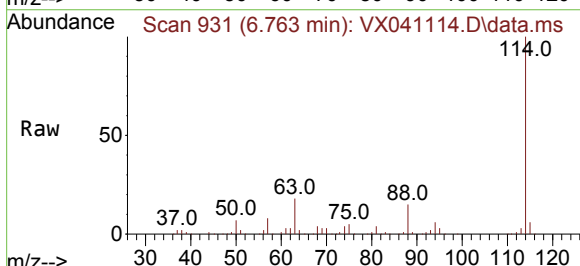
Tgt Ion: 114 Resp: 255749

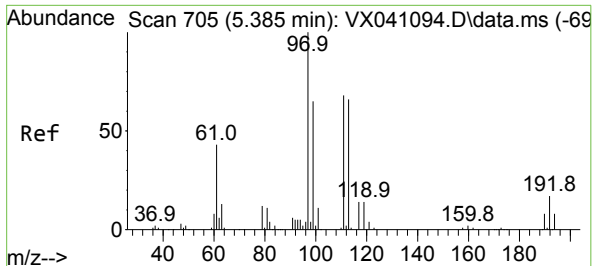
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.0 0.0 36.6

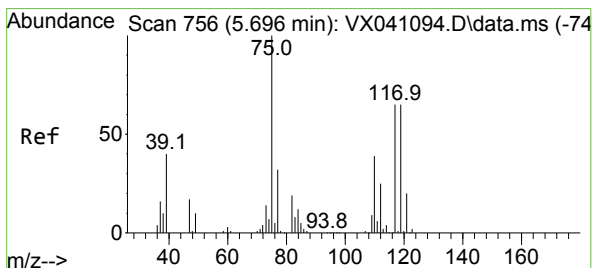
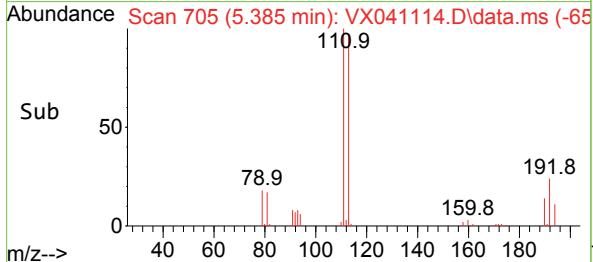
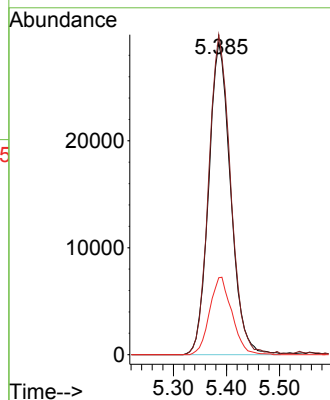
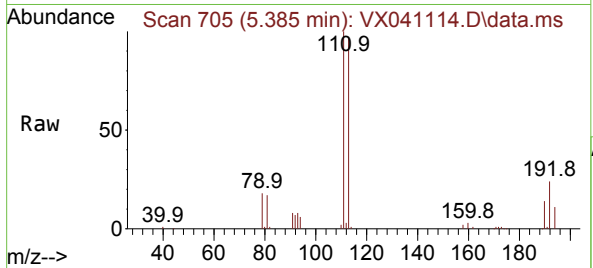




#35
Dibromofluoromethane
Concen: 49.112 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

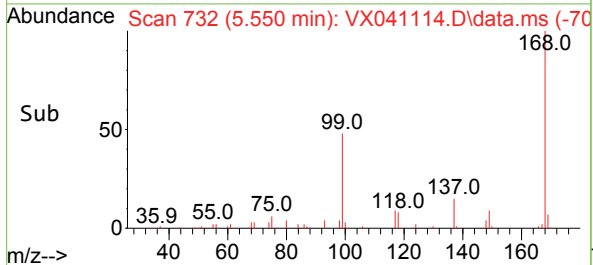
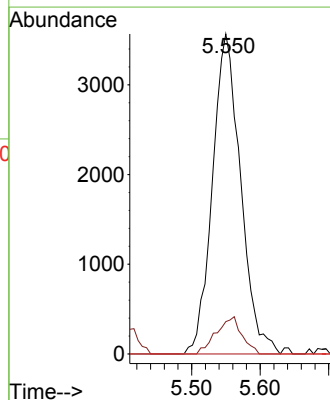
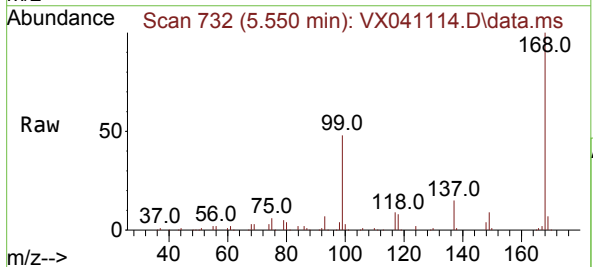
Instrument :
MSVOA_X
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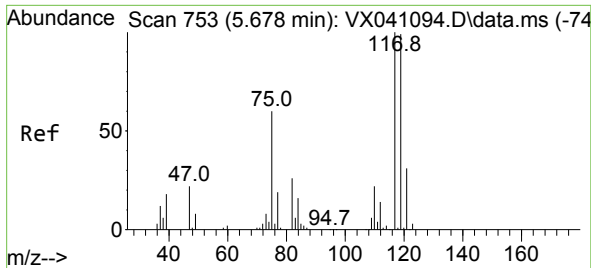
Tgt Ion:113 Resp: 83905
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 25.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.713 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

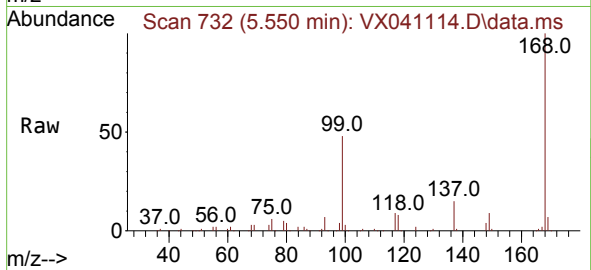
Tgt Ion: 75 Resp: 10193
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



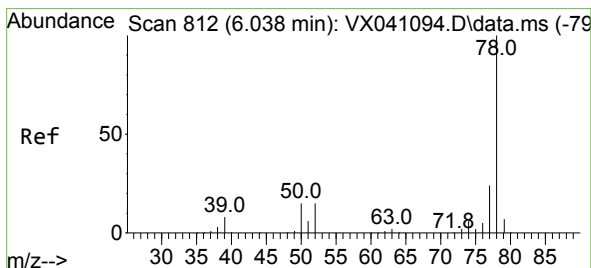
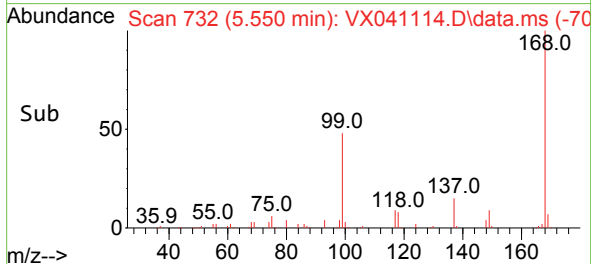
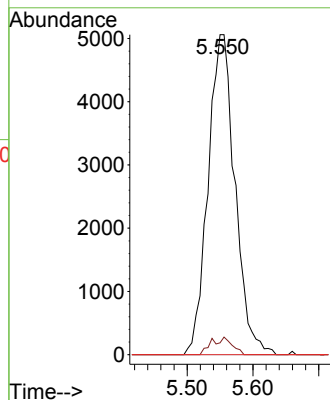


#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :
405

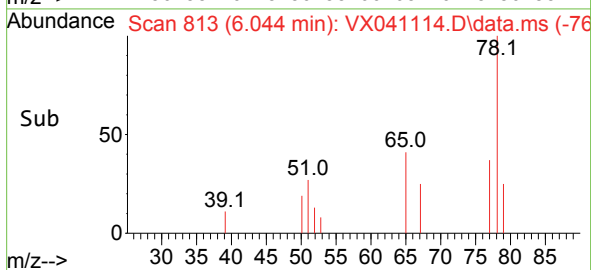
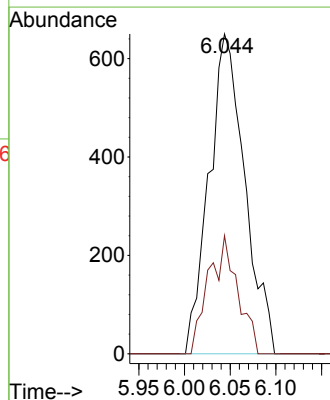
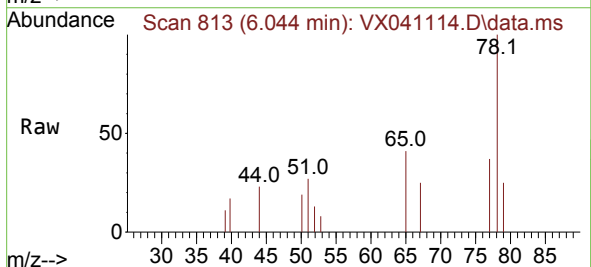


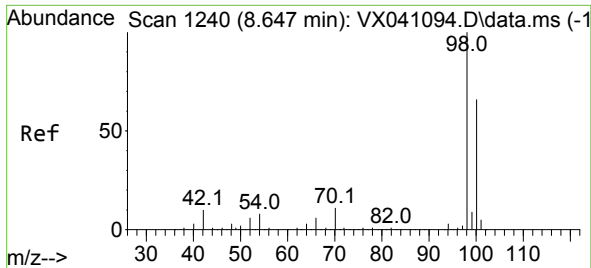
Tgt Ion:117 Resp: 14407
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.267 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 78 Resp: 1764
Ion Ratio Lower Upper
78 100
77 36.9 19.3 28.9#

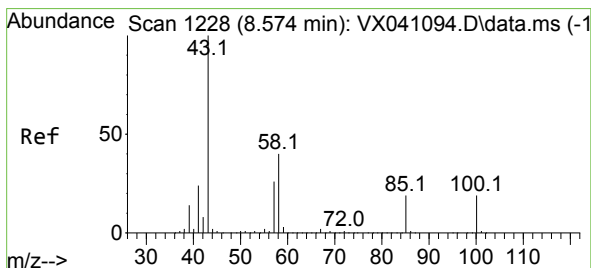
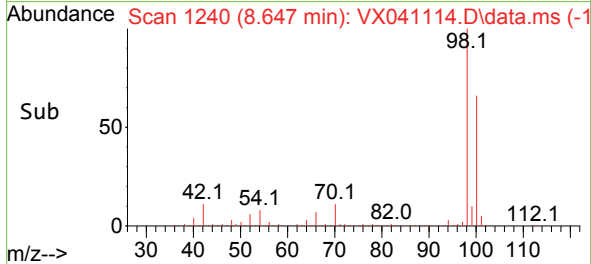
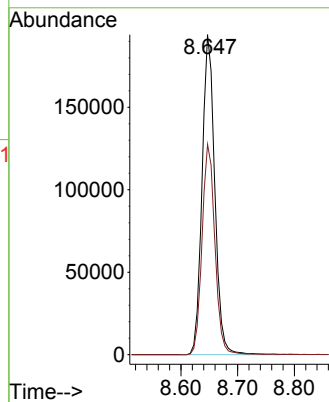
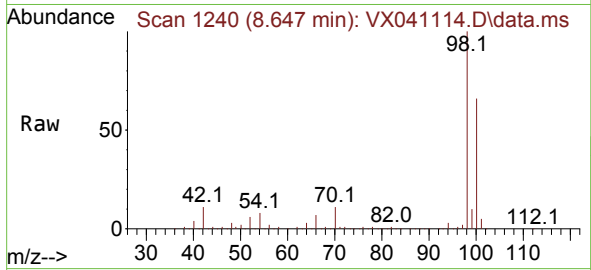




#50
Toluene-d8
Concen: 50.330 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

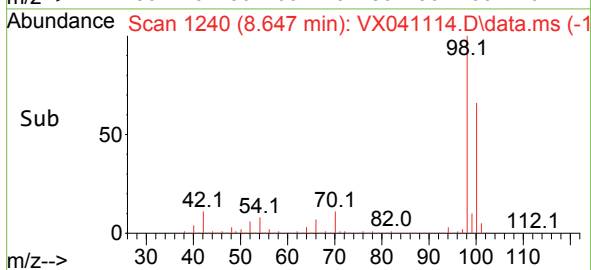
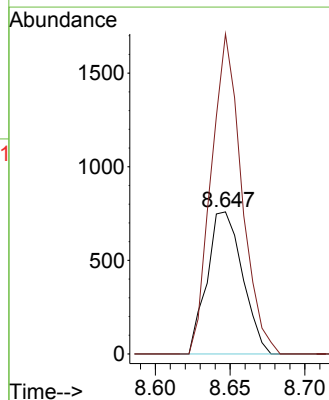
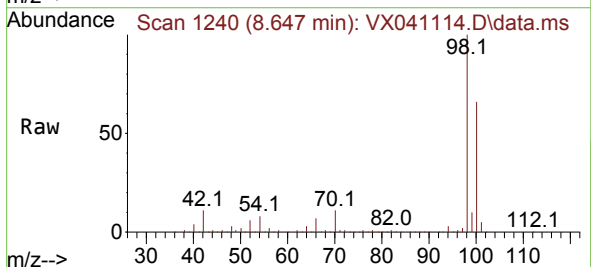
Instrument :
MSVOA_X
ClientSampleId :
405

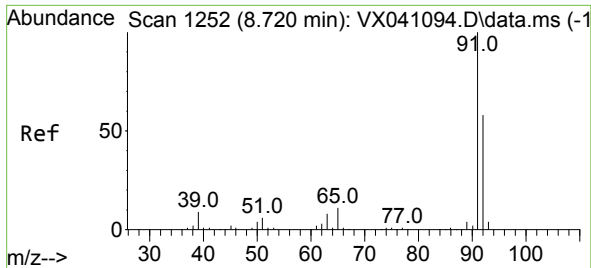
Tgt Ion: 98 Resp: 301186
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 194.1 30.4 45.6#

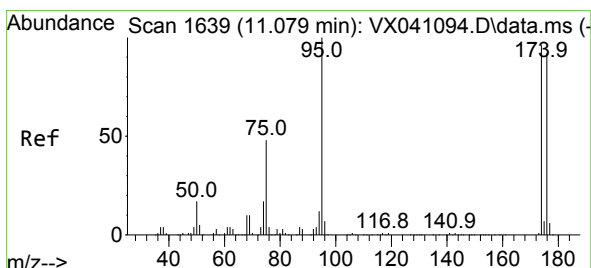
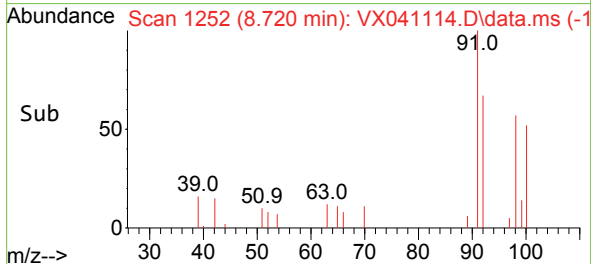
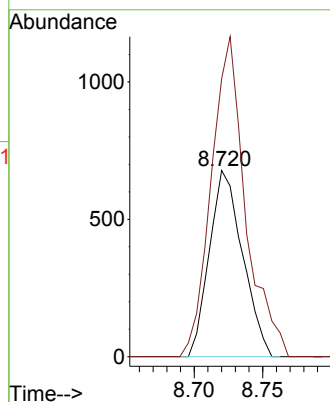
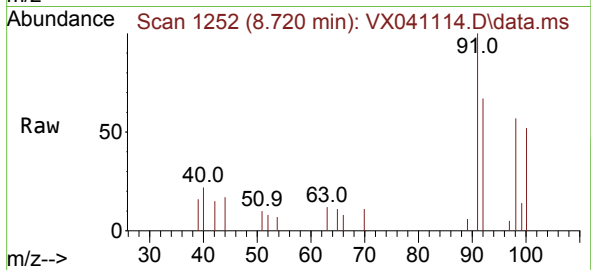




#52
Toluene
Concen: 0.265 ug/l
RT: 8.720 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

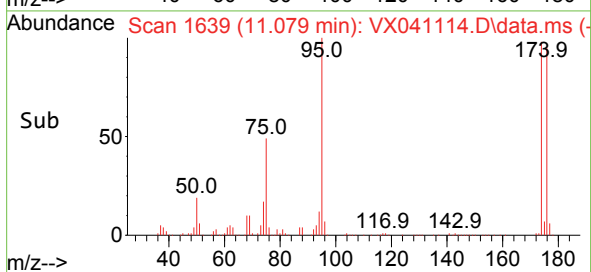
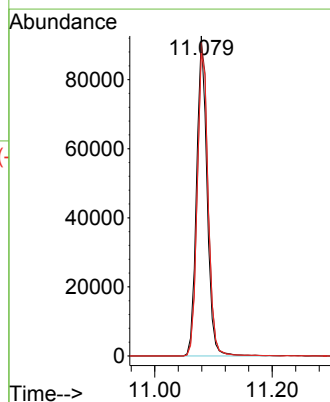
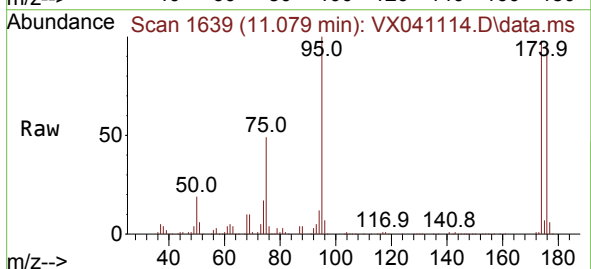
Instrument :
MSVOA_X
ClientSampleId :
405

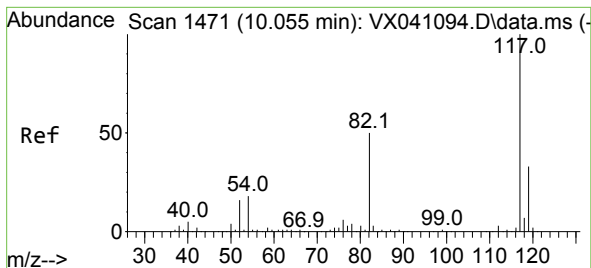
Tgt Ion: 92 Resp: 1142
Ion Ratio Lower Upper
92 100
91 177.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 95 Resp: 114021
Ion Ratio Lower Upper
95 100
174 101.3 0.0 135.6
176 99.4 0.0 131.0

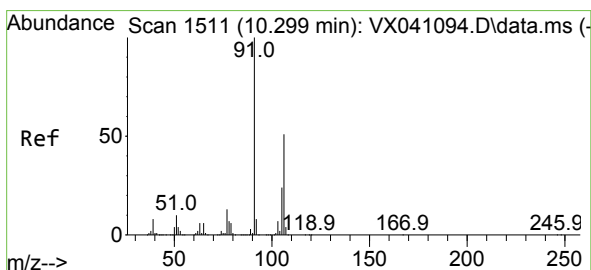
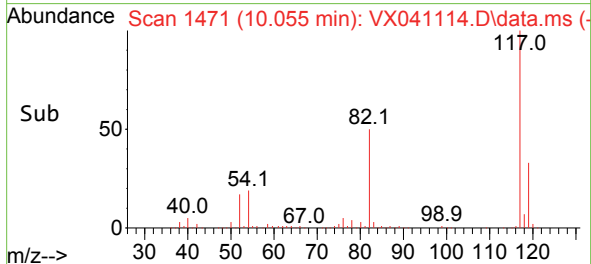
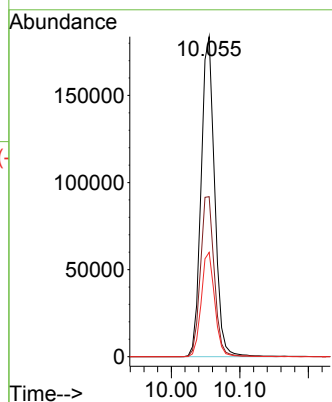
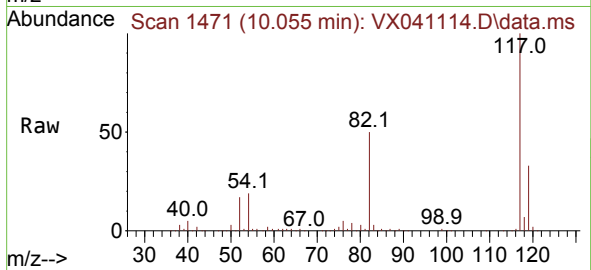




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

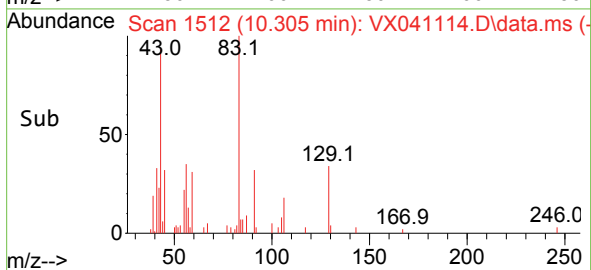
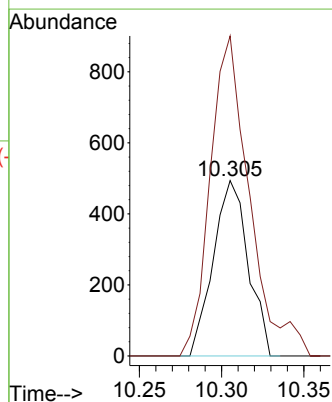
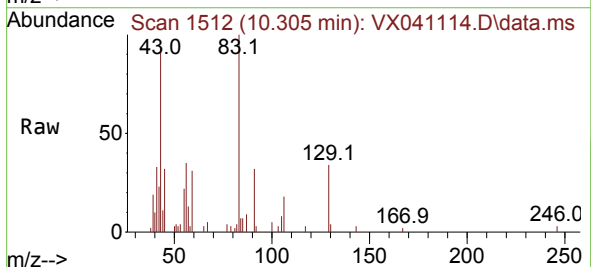
Instrument :
MSVOA_X
ClientSampleId :
405

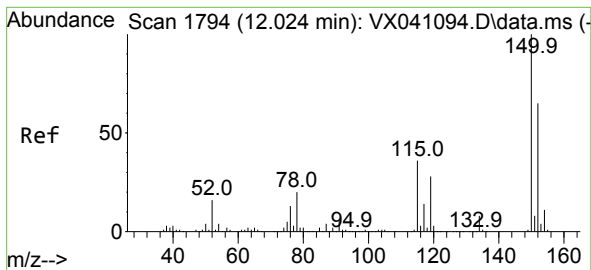
Tgt Ion:117 Resp: 253116
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.210 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Tgt Ion:106 Resp: 730
Ion Ratio Lower Upper
106 100
91 204.9 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041114.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

405

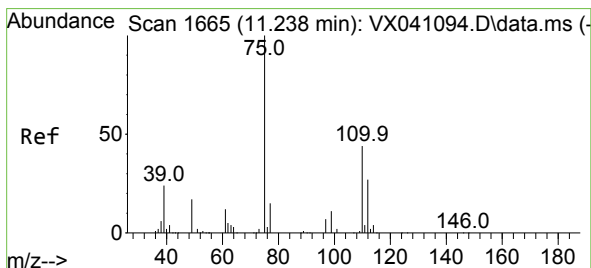
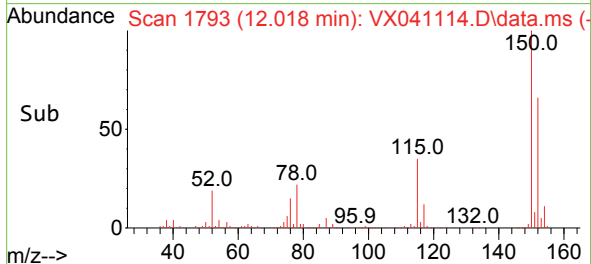
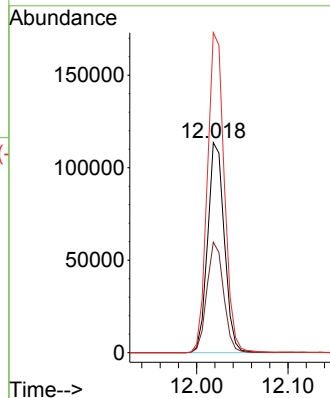
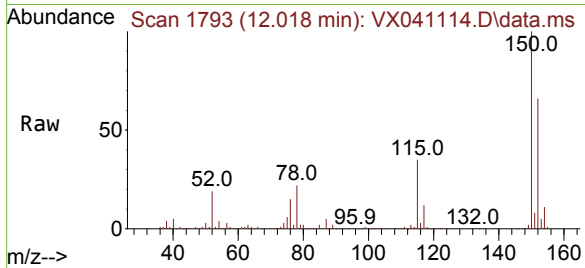
Tgt Ion:152 Resp: 143869

Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 154.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.427 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041114.D

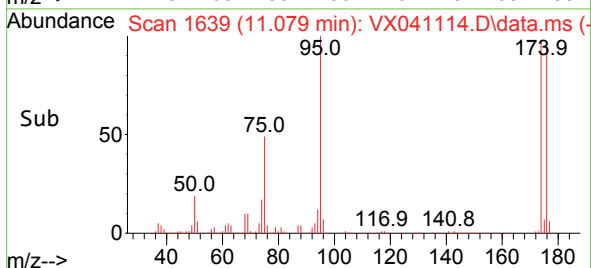
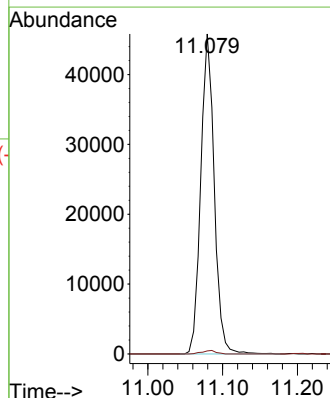
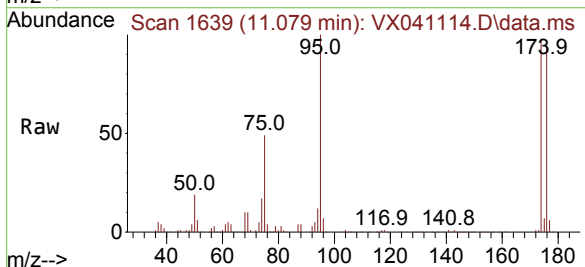
Acq: 16 Apr 2024 18:48

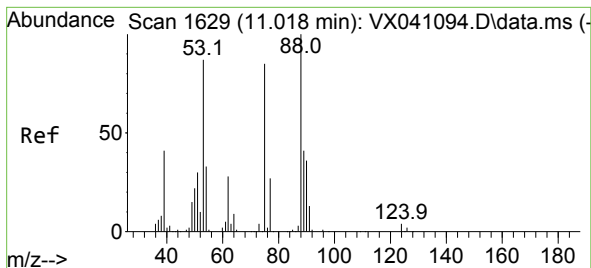
Tgt Ion: 75 Resp: 57269

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

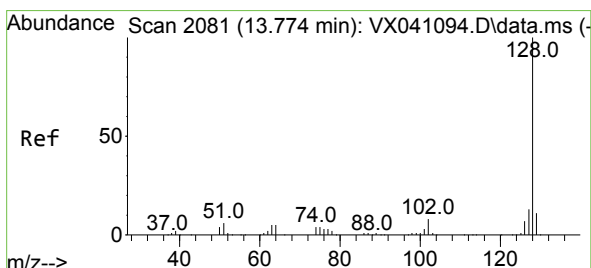
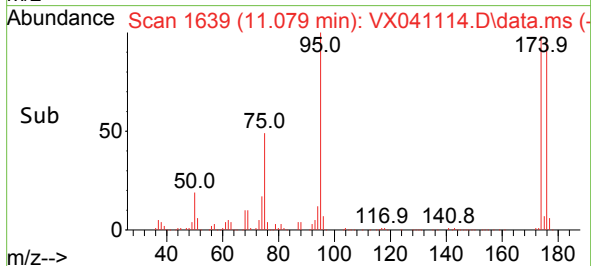
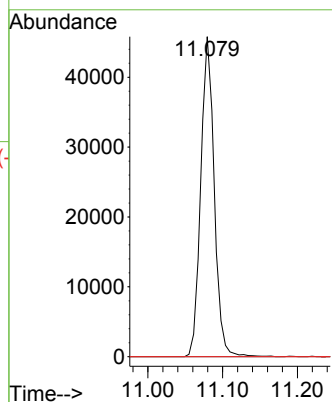
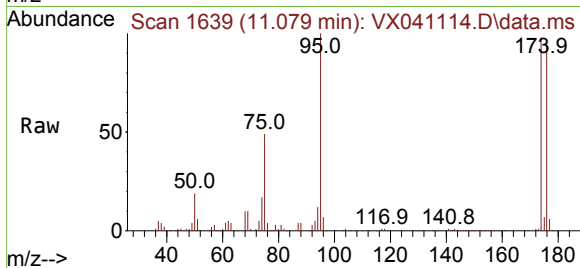




#81
trans-1,4-Dichloro-2-butene
Concen: 62.484 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :
405

Tgt Ion: 75 Resp: 57269
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.345 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041114.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 128 Resp: 3264
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 9.9 8.8 13.2

