

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041116.D
 Acq On : 16 Apr 2024 19:34
 Operator : JC/MD
 Sample : P2113-09 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 407

Quant Time: Apr 17 02:15:12 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	5.556	168	156056	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	235618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89462	53.098	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.200%
35) Dibromofluoromethane	5.385	113	78528	49.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.780%
50) Toluene-d8	8.647	98	278919	50.591	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.180%
62) 4-Bromofluorobenzene	11.079	95	103782	49.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%

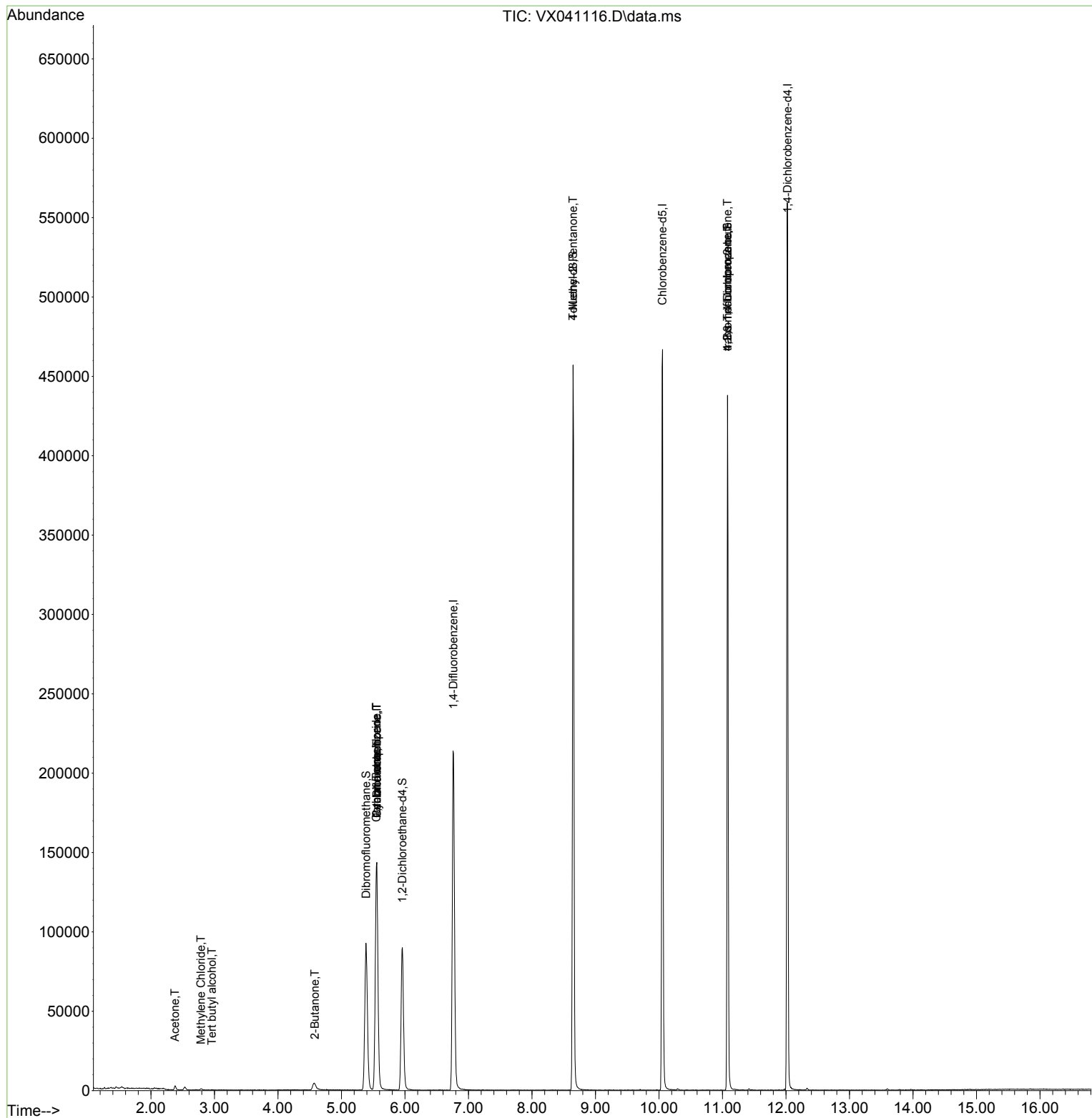
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	226	0.686	ug/l	# 78
16) Acetone	2.380	43	2834	4.002	ug/l	92
20) Methylene Chloride	2.788	84	462	0.306	ug/l	# 70
25) 2-Butanone	4.581	43	467	0.420	ug/l	# 51
31) Cyclohexane	5.556	56	2577	1.235	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	9412	4.723	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	13468	5.829	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1223	0.509	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	52007	24.472	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52007	62.595	ug/l	# 5

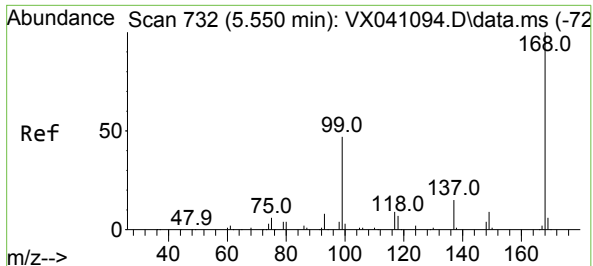
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

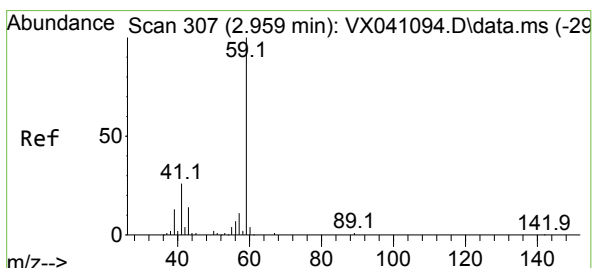
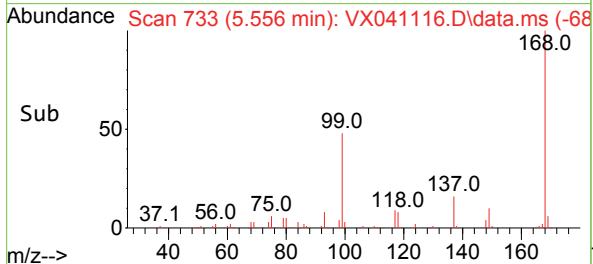
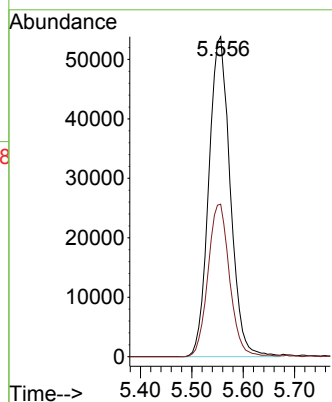
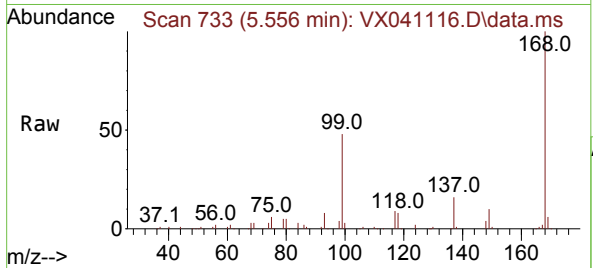




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

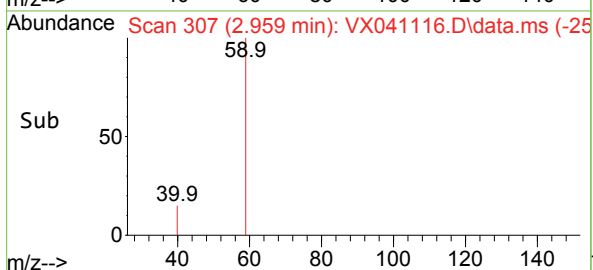
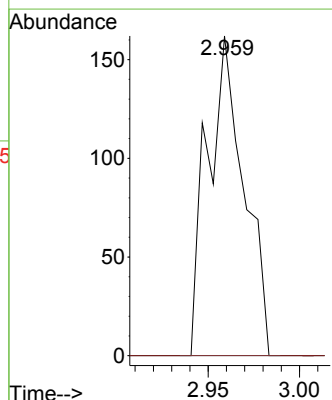
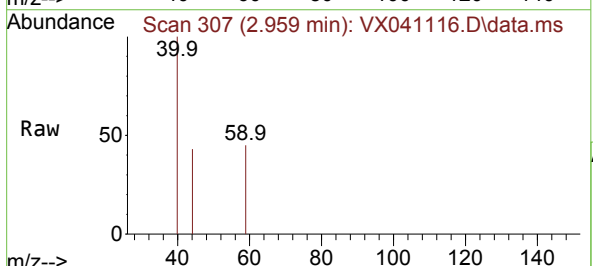
Instrument :
MSVOA_X
ClientSampleId :
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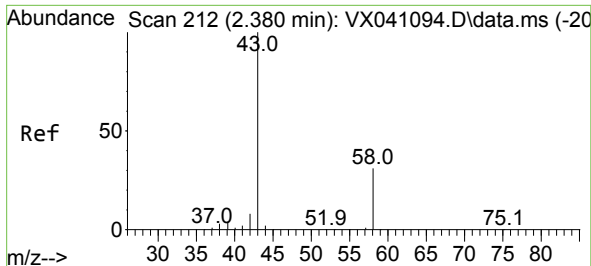
Tgt Ion:168 Resp: 156056
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.686 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

Tgt Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

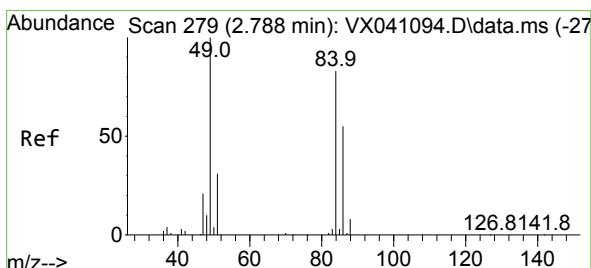
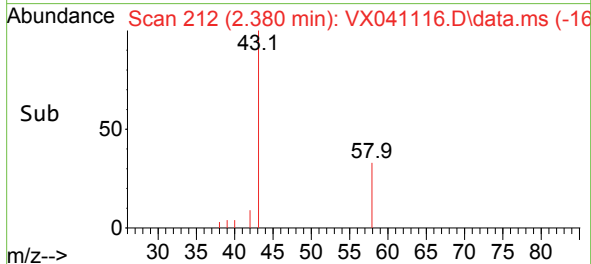
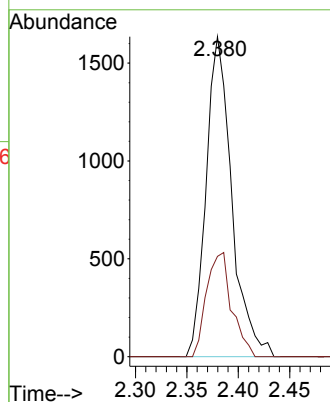
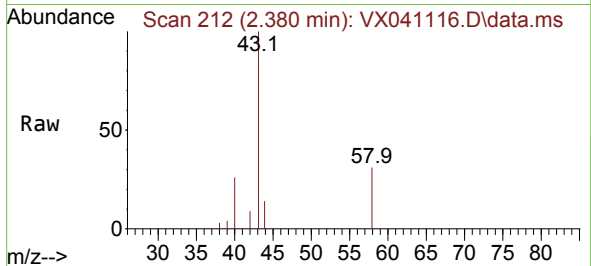




#16
Acetone
Concen: 4.002 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

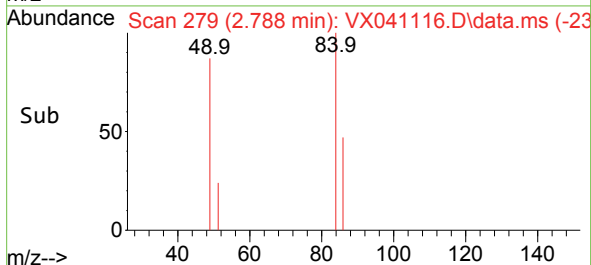
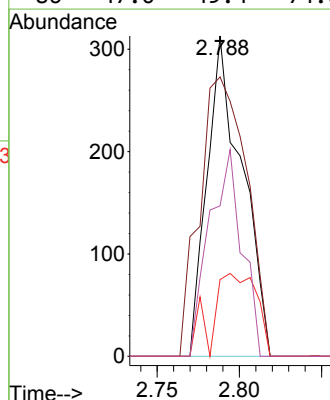
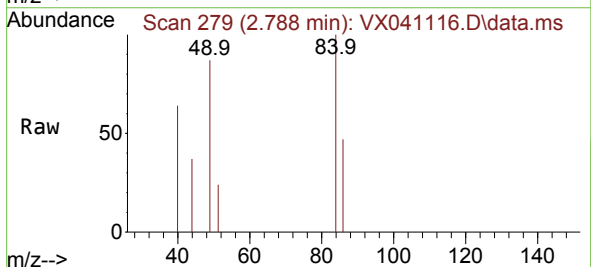
Instrument :
MSVOA_X
ClientSampleId :
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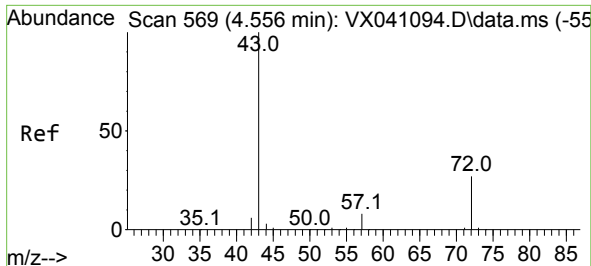
Tgt Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

Tgt Ion: 84 Resp: 462
Ion Ratio Lower Upper
84 100
49 87.2 103.6 155.4#
51 24.0 33.8 50.6#
86 47.0 49.4 74.0#

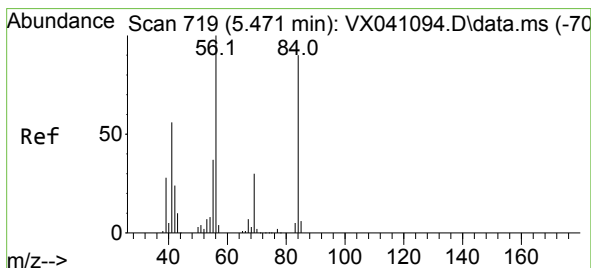
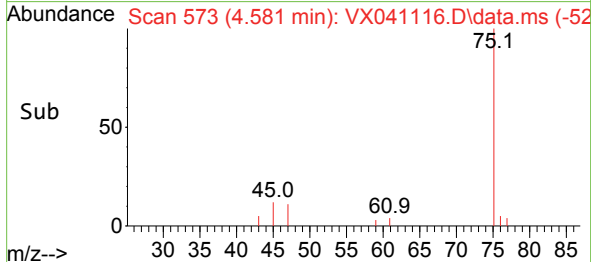
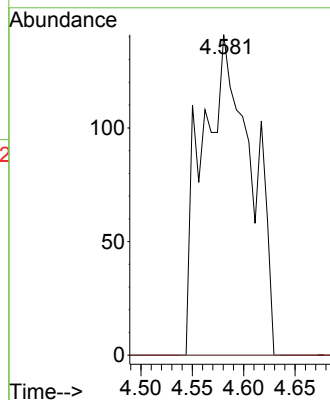
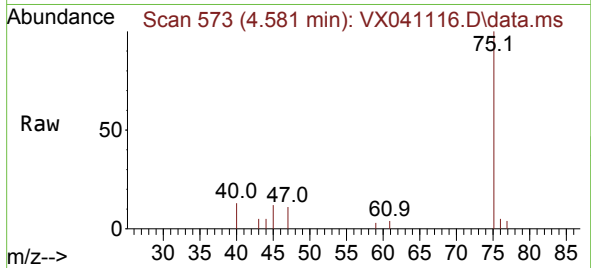




#25
2-Butanone
Concen: 0.420 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

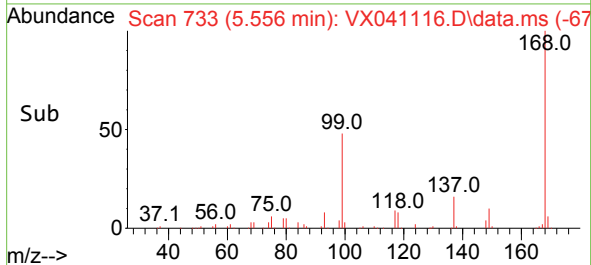
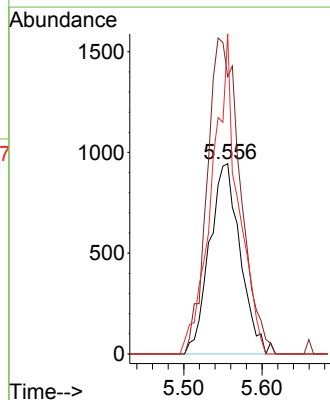
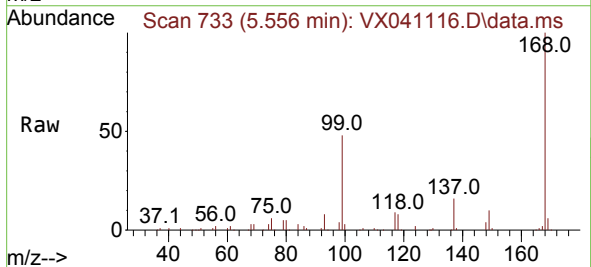
Instrument :
MSVOA_X
ClientSampleId :
407

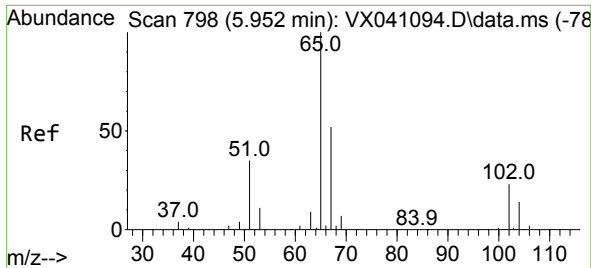
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

Tgt Ion: 56 Resp: 2577
Ion Ratio Lower Upper
56 100
69 145.9 23.4 35.2#
84 168.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.098 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041116.D

Acq: 16 Apr 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

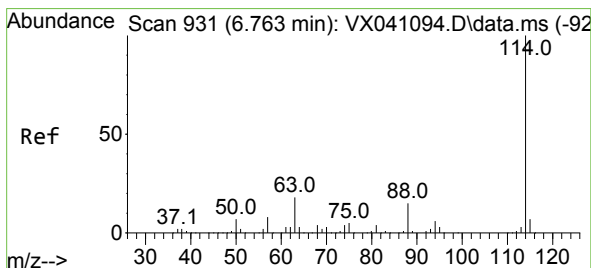
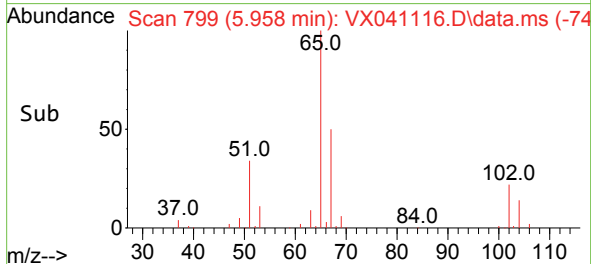
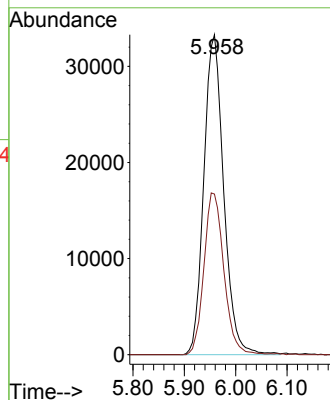
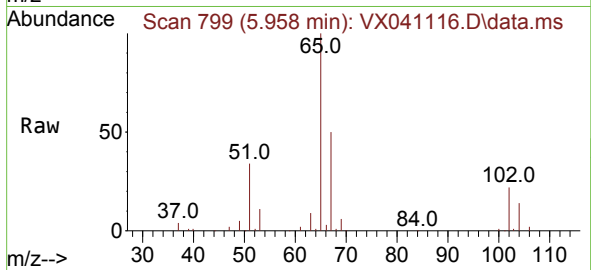
407

Tgt Ion: 65 Resp: 89462

Ion Ratio Lower Upper

65 100

67 50.7 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: VX041116.D

Acq: 16 Apr 2024 19:34

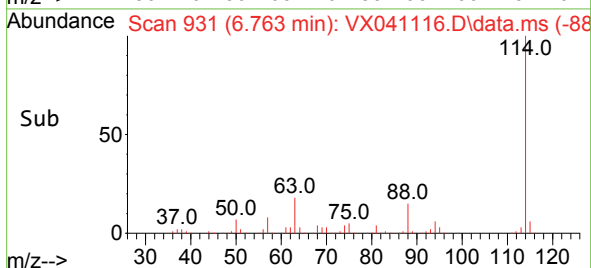
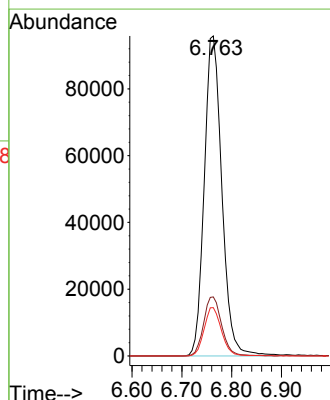
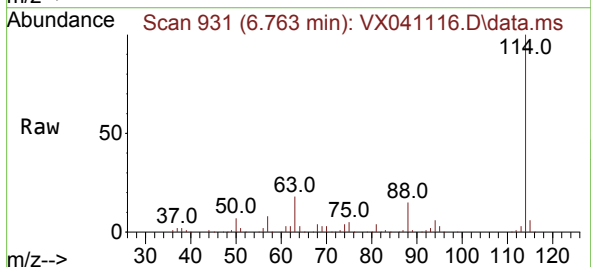
Tgt Ion: 114 Resp: 235618

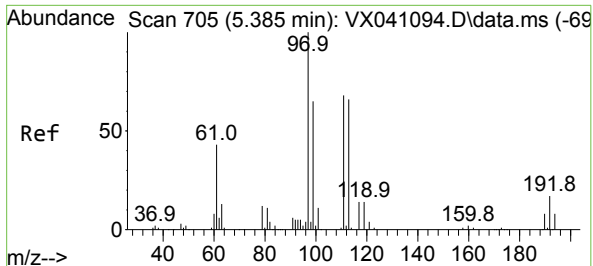
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.1 0.0 36.6

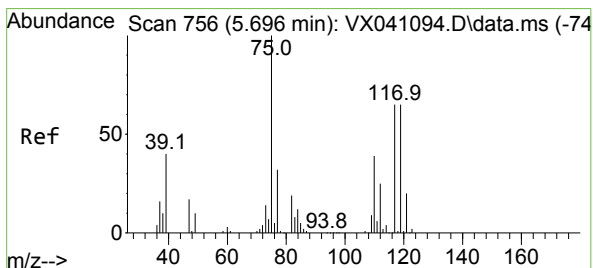
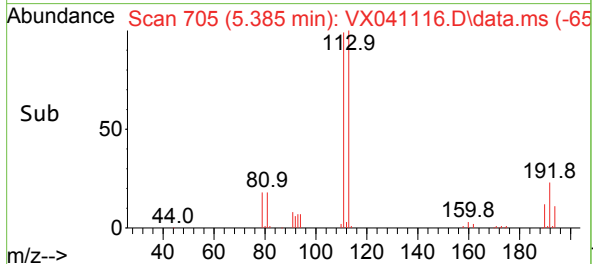
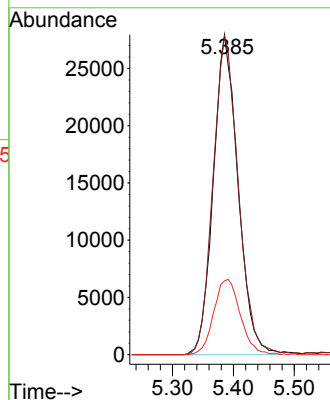
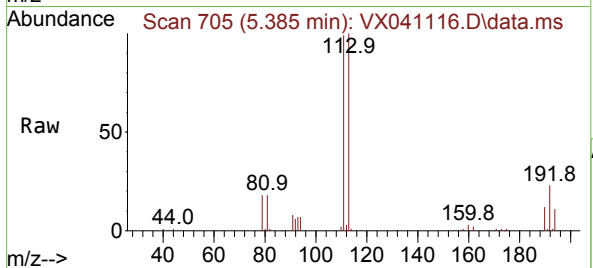




#35
Dibromofluoromethane
Concen: 49.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

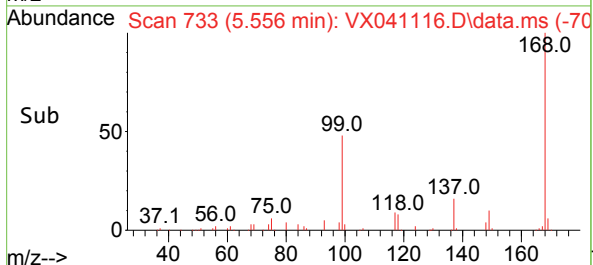
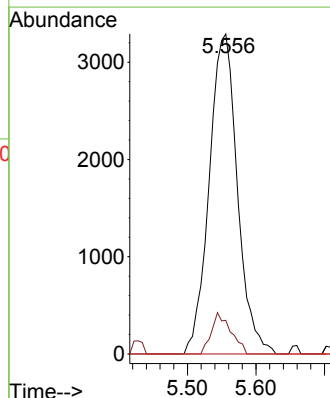
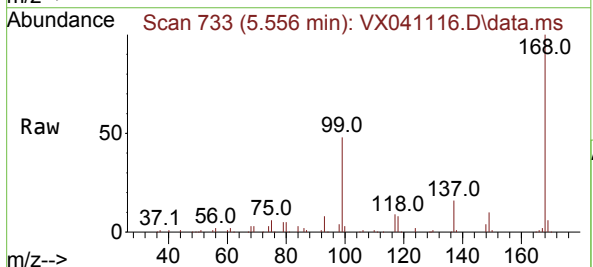
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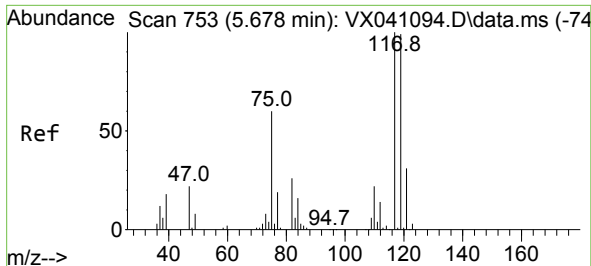
Tgt Ion:113 Resp: 78528
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 25.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

Tgt Ion: 75 Resp: 9412
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#

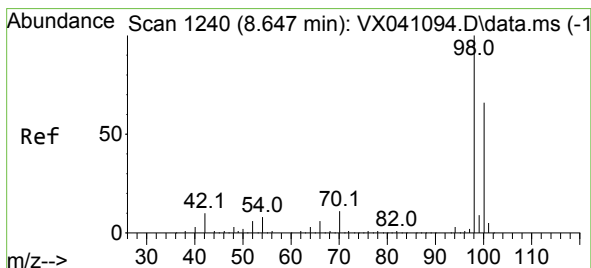
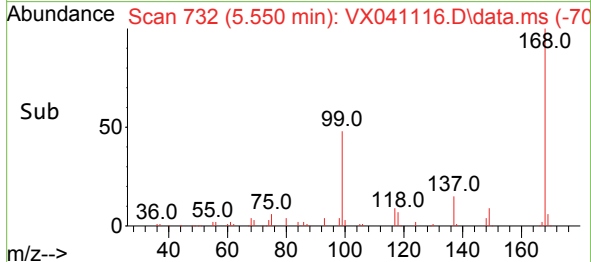
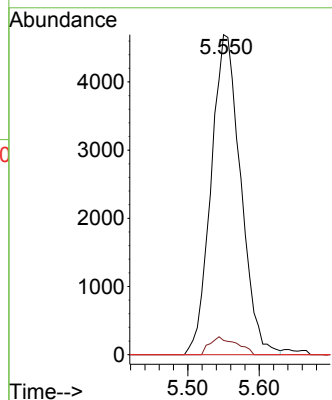
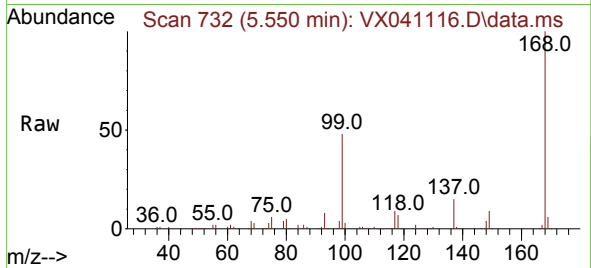




#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

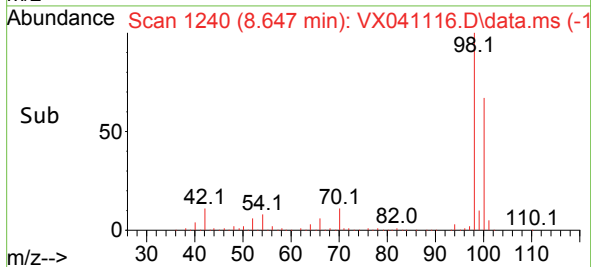
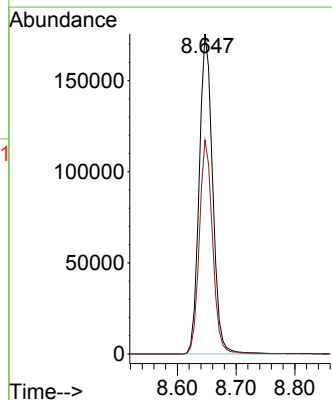
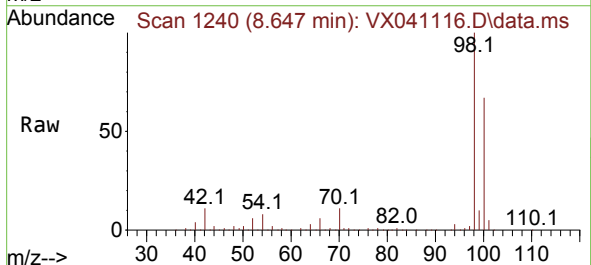
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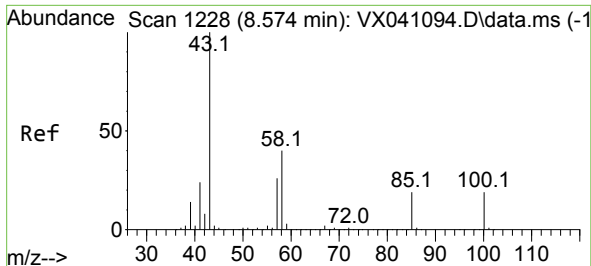
Tgt Ion:117 Resp: 13468
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

Tgt Ion: 98 Resp: 278919
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

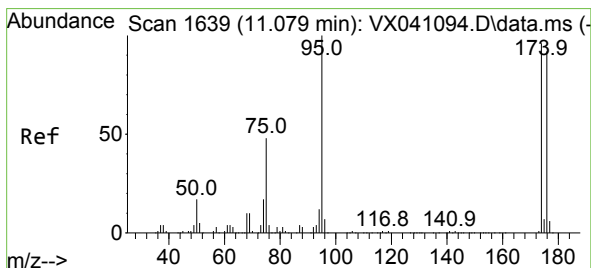
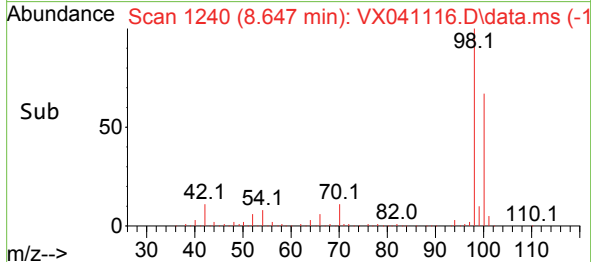
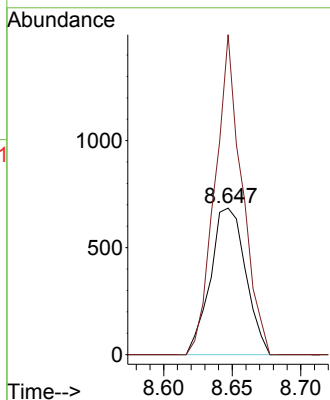
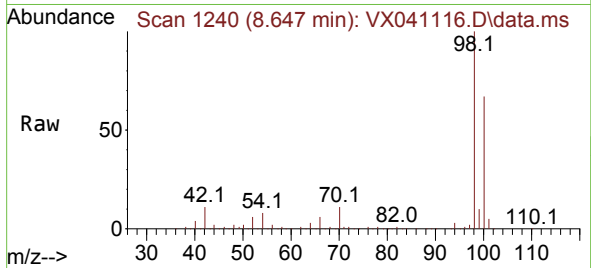




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

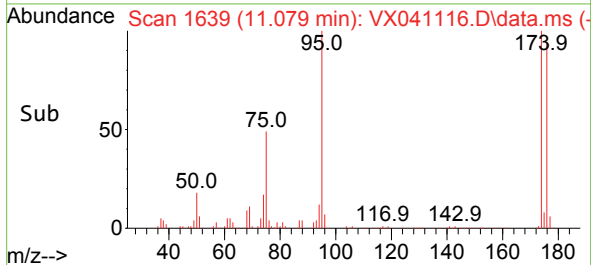
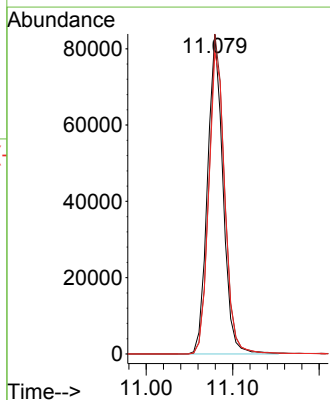
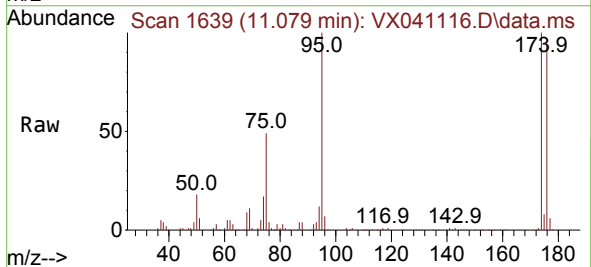
Instrument :
MSVOA_X
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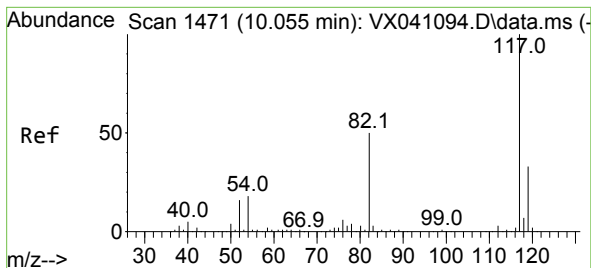
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 167.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041116.D
Acq: 16 Apr 2024 19:34

Tgt Ion: 95 Resp: 103782
Ion Ratio Lower Upper
95 100
174 101.4 0.0 135.6
176 98.4 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: VX041116.D

Acq: 16 Apr 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

407

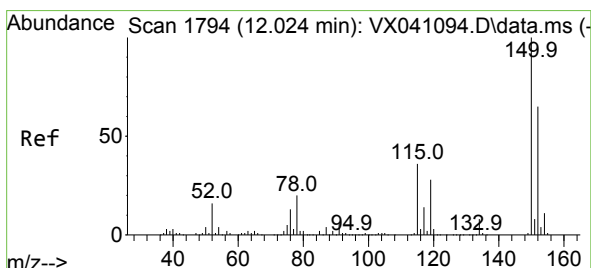
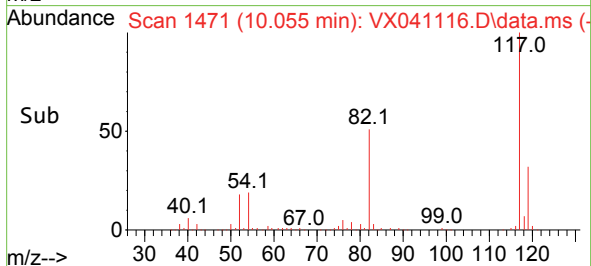
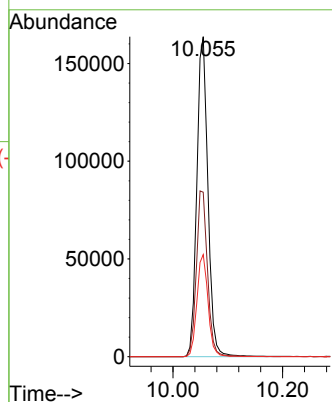
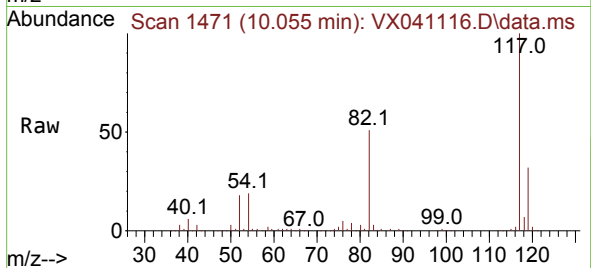
Tgt Ion:117 Resp: 230849

Ion Ratio Lower Upper

117 100

82 51.4 46.2 69.4

119 31.9 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: VX041116.D

Acq: 16 Apr 2024 19:34

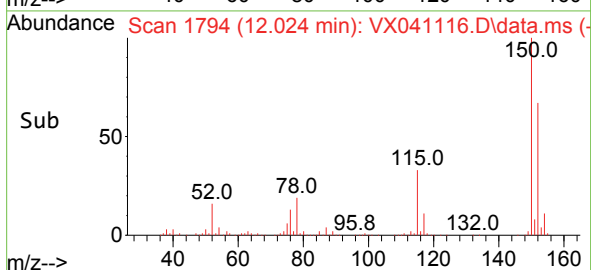
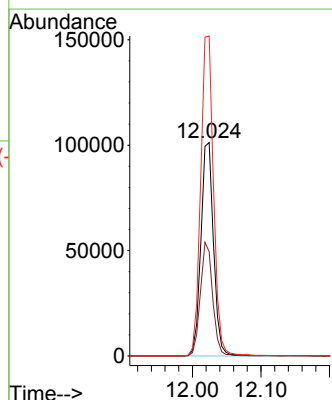
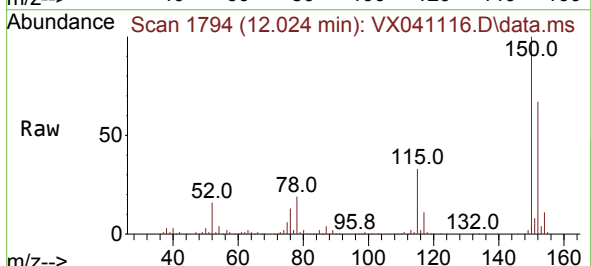
Tgt Ion:152 Resp: 130410

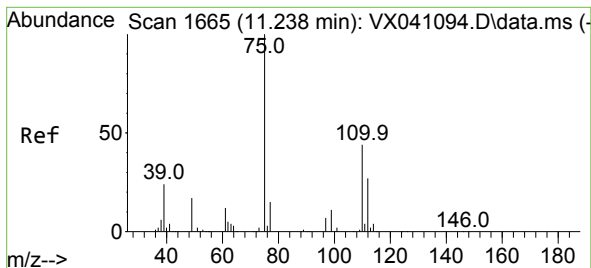
Ion Ratio Lower Upper

152 100

115 51.8 43.3 129.9

150 152.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.472 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041116.D

Acq: 16 Apr 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

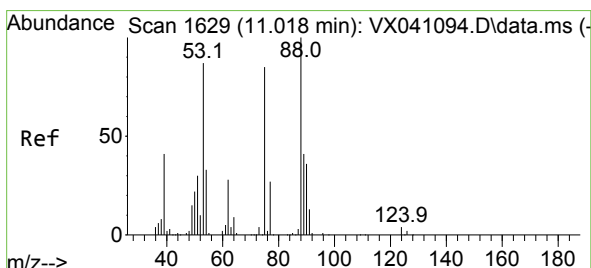
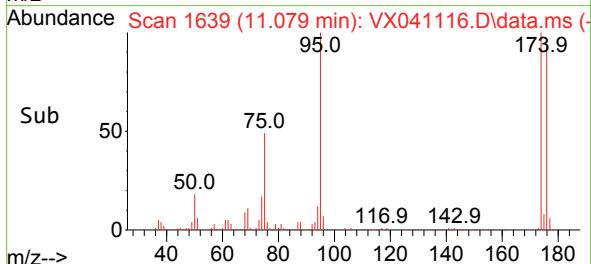
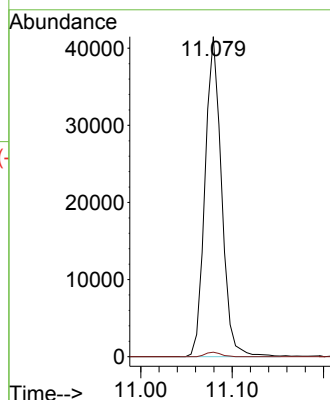
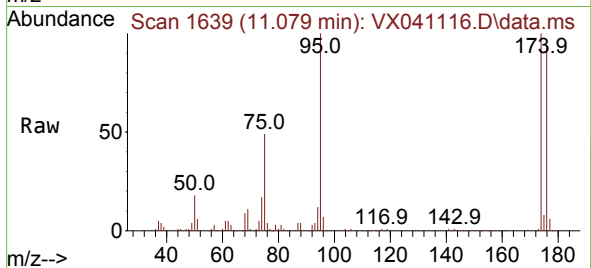
407

Tgt Ion: 75 Resp: 52007

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.595 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041116.D

Acq: 16 Apr 2024 19:34

Tgt Ion: 75 Resp: 52007

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

