

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041478.D
 Acq On : 13 May 2024 10:01
 Operator : JC/MD
 Sample : VX0513WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:21:12 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	174963	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	260711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98608	51.770	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.540%
35) Dibromofluoromethane	5.385	113	82080	46.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	8.647	98	299890	53.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.260%
62) 4-Bromofluorobenzene	11.079	95	115259	53.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.500%

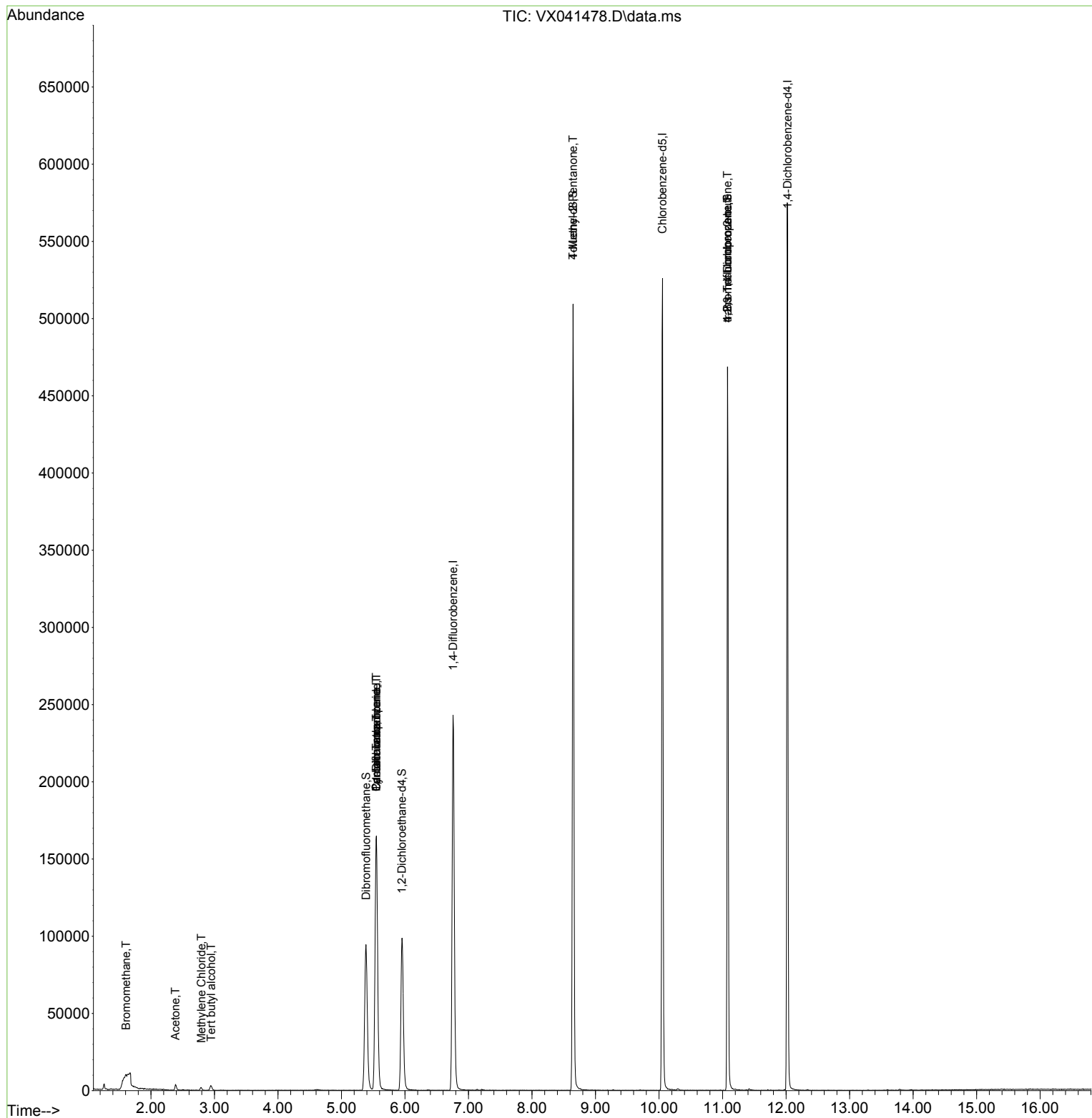
Target Compounds						Qvalue
5) Bromomethane	1.605	94	542	0.610	ug/l	93
11) Tert butyl alcohol	2.947	59	1977	5.186	ug/l	# 78
16) Acetone	2.386	43	4110	1.004	ug/l	# 89
20) Methylene Chloride	2.794	84	1073	0.649	ug/l	# 80
31) Cyclohexane	5.550	56	2901	1.262	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10944	5.180	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	15486	6.399	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	1427	0.600	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	58467	27.977	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	58467	76.206	ug/l	# 5

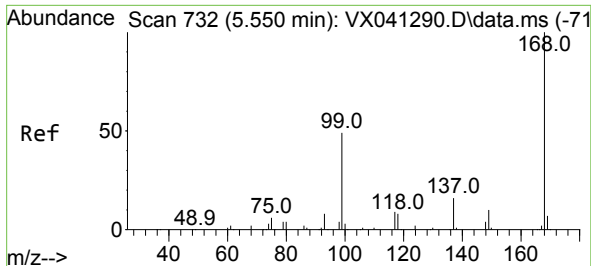
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
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Instrument :
MSVOA_X
ClientSampleId :

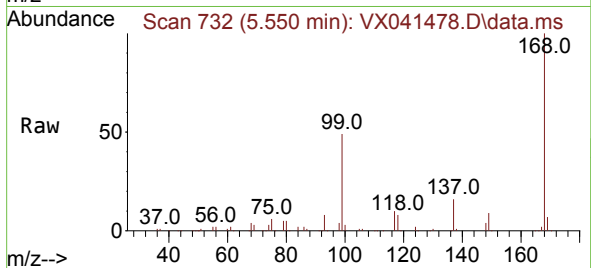
Quant Time: May 14 01:21:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



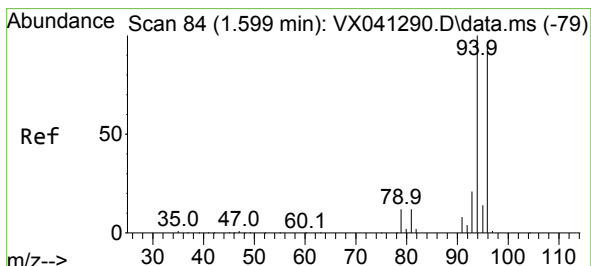
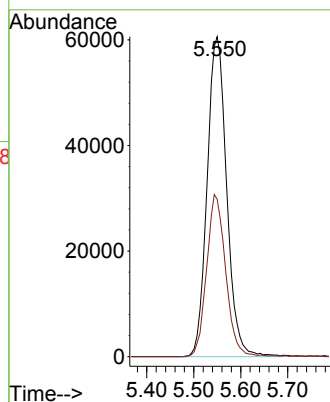
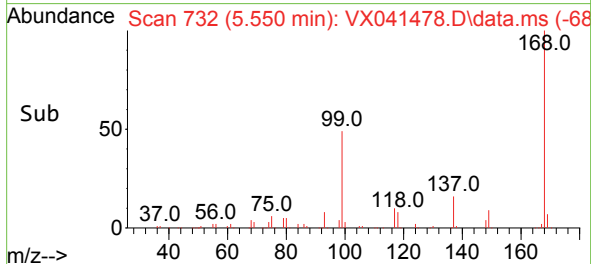


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

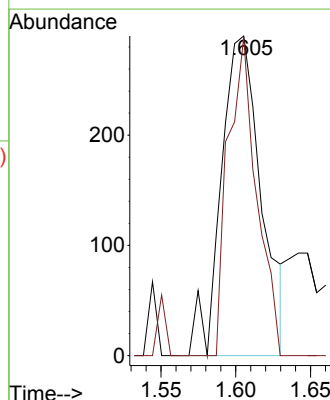
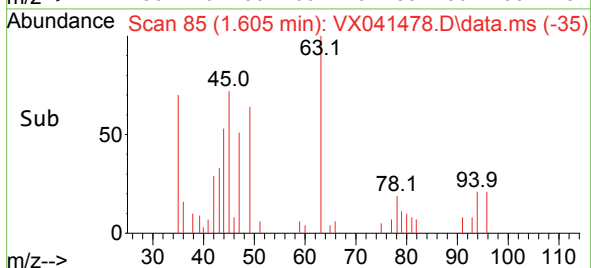
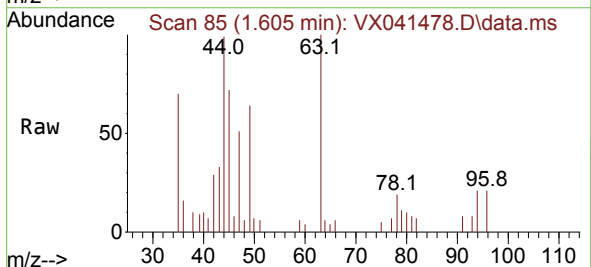


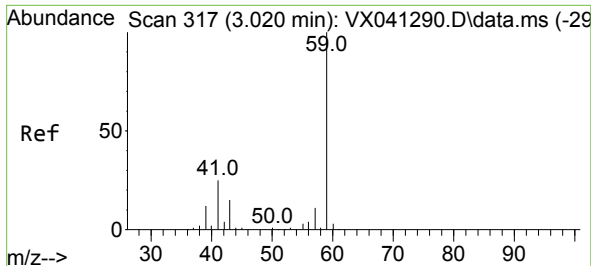
Tgt Ion:168 Resp: 174963
Ion Ratio Lower Upper
168 100
99 49.2 56.6 85.0#



#5
Bromomethane
Concen: 0.610 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

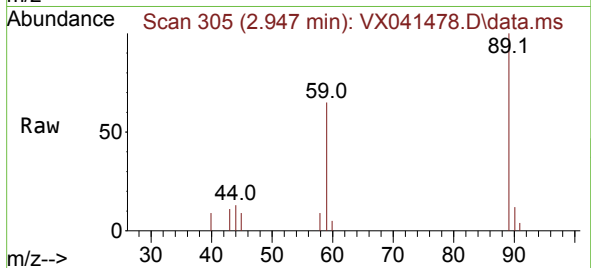
Tgt Ion: 94 Resp: 542
Ion Ratio Lower Upper
94 100
96 99.7 74.6 111.8



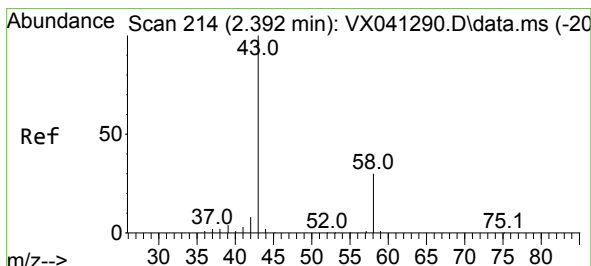
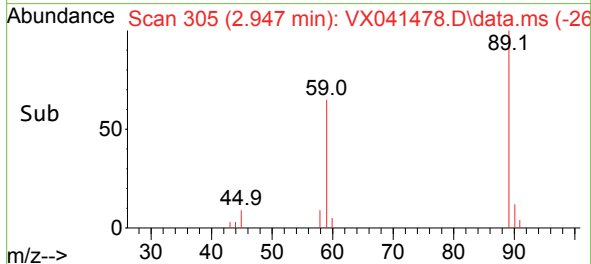
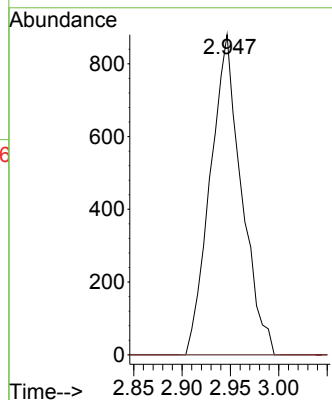


#11
Tert butyl alcohol
Concen: 5.186 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

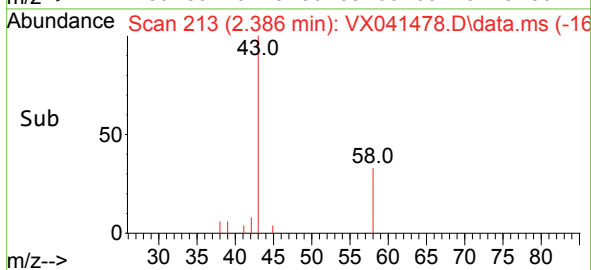
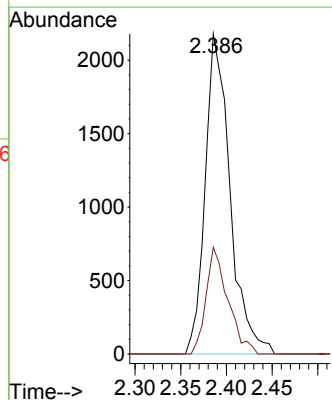
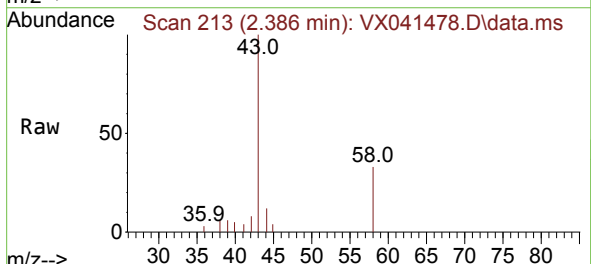


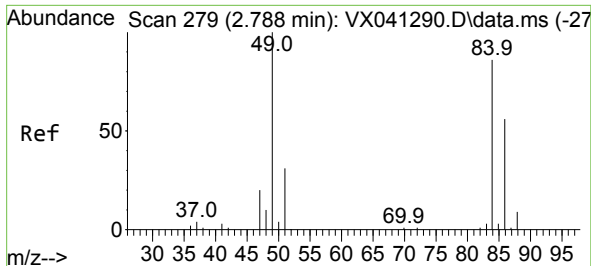
Tgt Ion: 59 Resp: 1977
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.004 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

Tgt Ion: 43 Resp: 4110
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#





#20

Methylene Chloride

Concen: 0.649 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

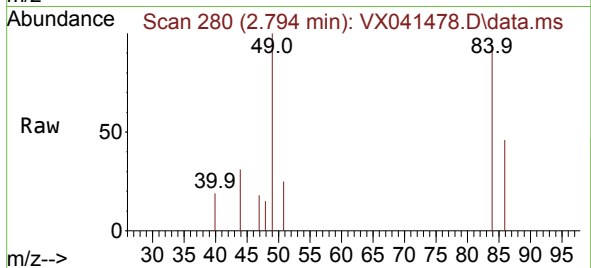
Lab File: VX041478.D

Acq: 13 May 2024 10:01

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1073

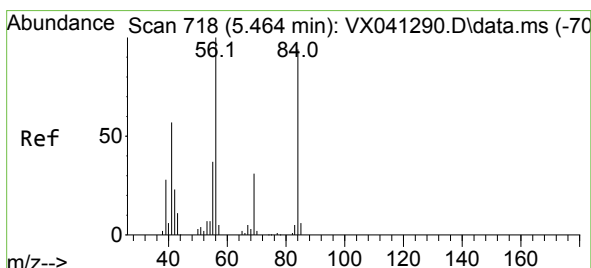
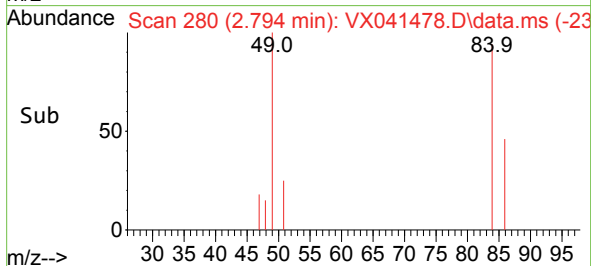
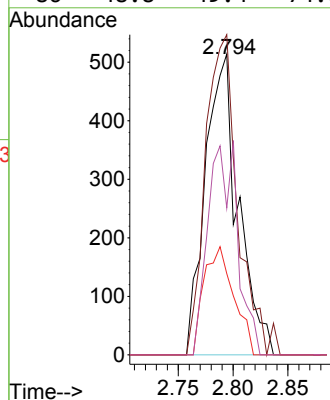
Ion Ratio Lower Upper

84 100

49 106.4 103.6 155.4

51 27.0 33.8 50.6#

86 48.8 49.4 74.0#



#31

Cyclohexane

Concen: 1.262 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX041478.D

Acq: 13 May 2024 10:01

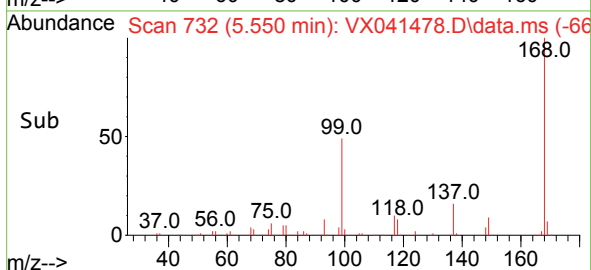
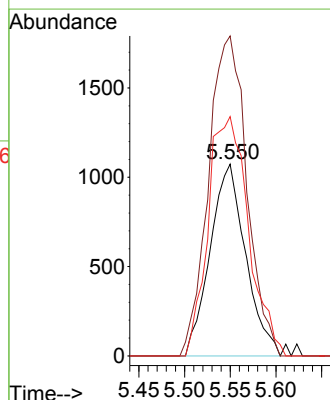
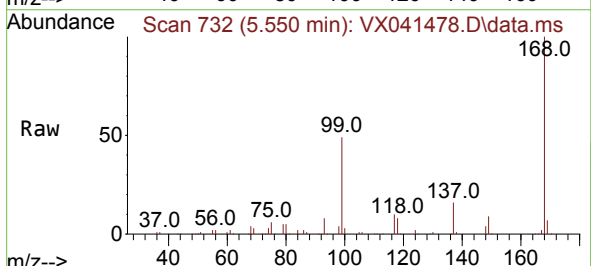
Tgt Ion: 56 Resp: 2901

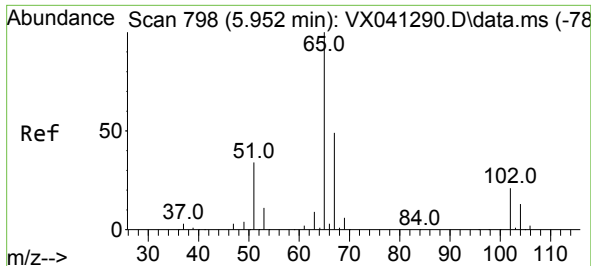
Ion Ratio Lower Upper

56 100

69 166.8 23.4 35.2#

84 124.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.770 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041478.D

Acq: 13 May 2024 10:01

Instrument :

MSVOA_X

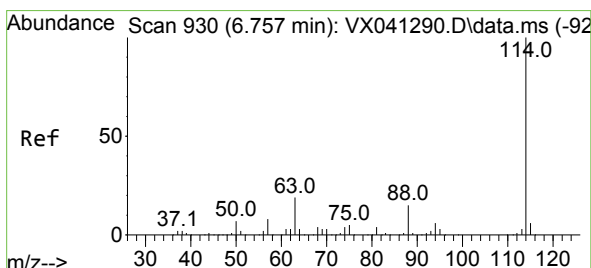
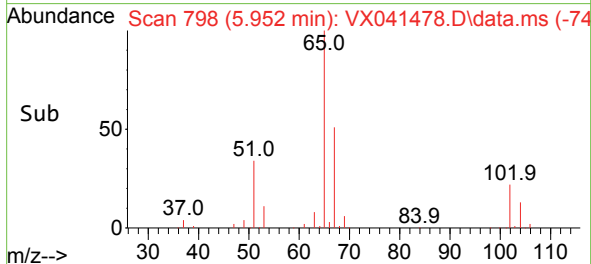
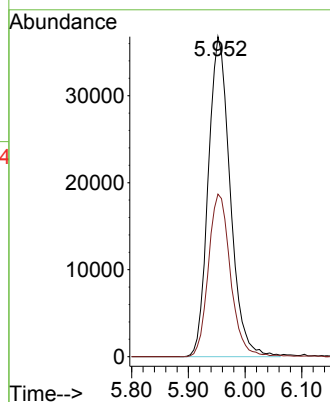
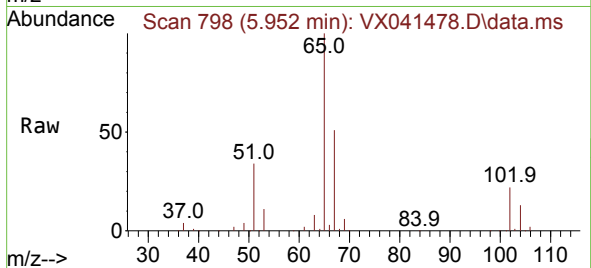
ClientSampleId :

Tgt Ion: 65 Resp: 98608

Ion Ratio Lower Upper

65 100

67 51.4 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: VX041478.D

Acq: 13 May 2024 10:01

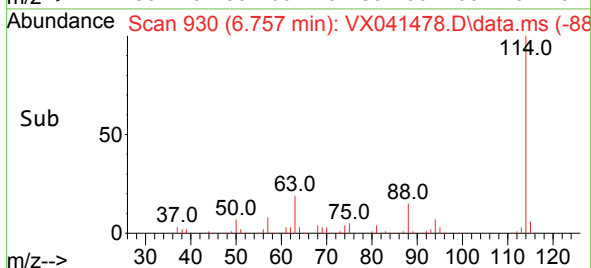
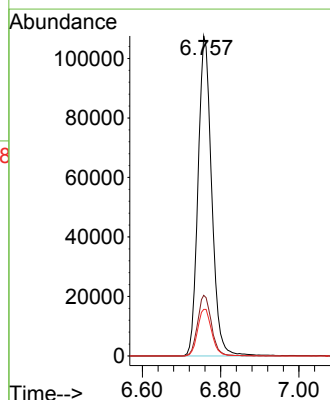
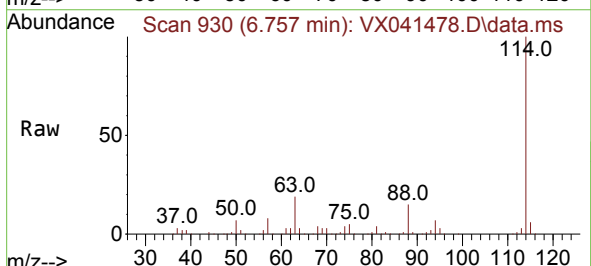
Tgt Ion: 114 Resp: 260711

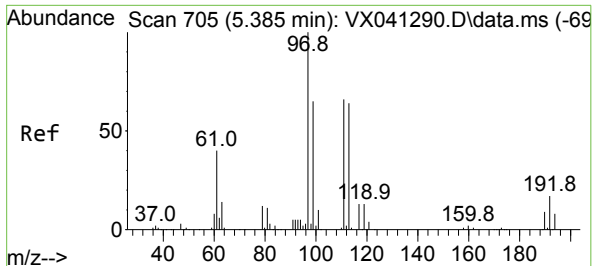
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

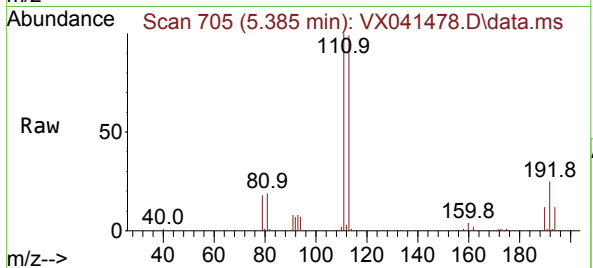
88 14.5 0.0 36.6



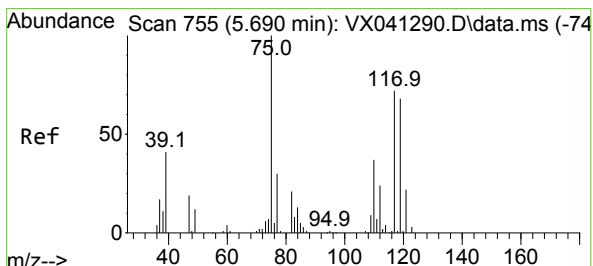
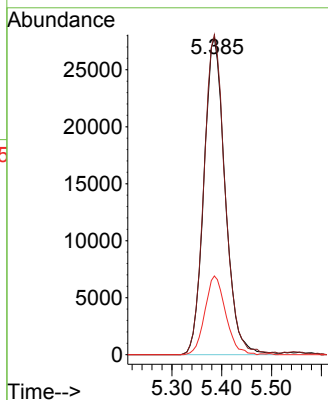
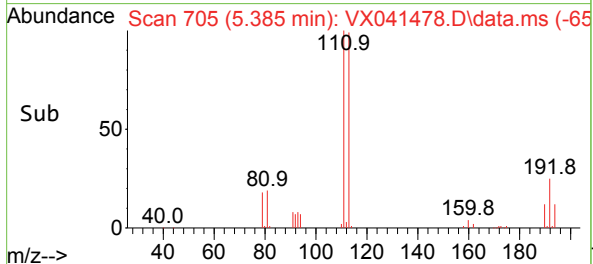


#35
Dibromofluoromethane
Concen: 46.458 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

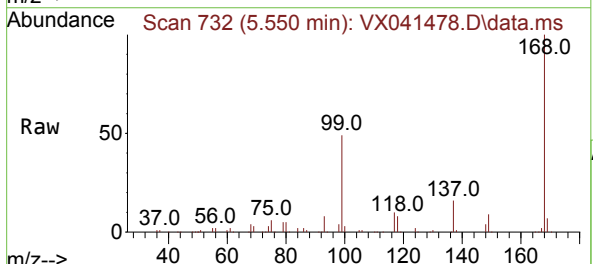
Instrument :
MSVOA_X
ClientSampleId :



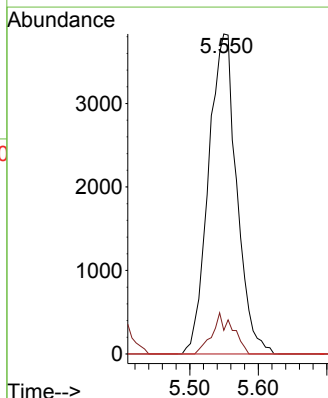
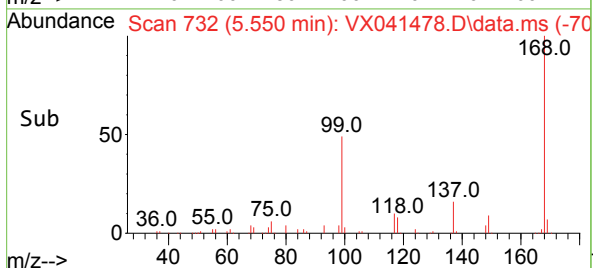
Tgt Ion:113 Resp: 82080
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 24.4 13.3 19.9#

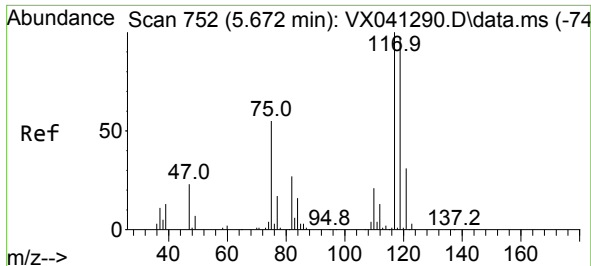


#36
1,1-Dichloropropene
Concen: 5.180 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01



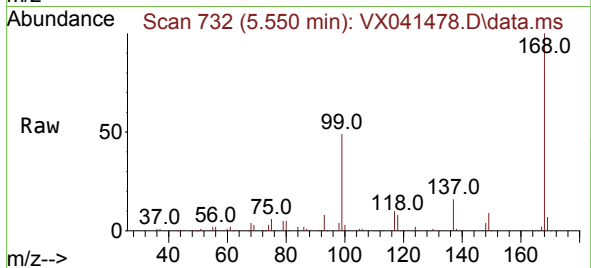
Tgt Ion: 75 Resp: 10944
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



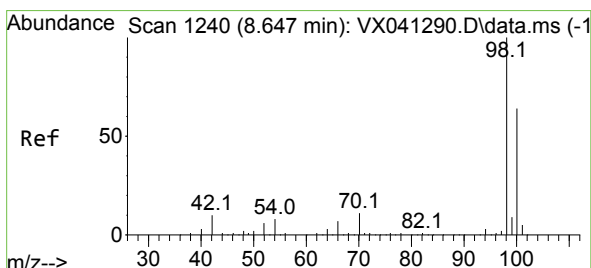
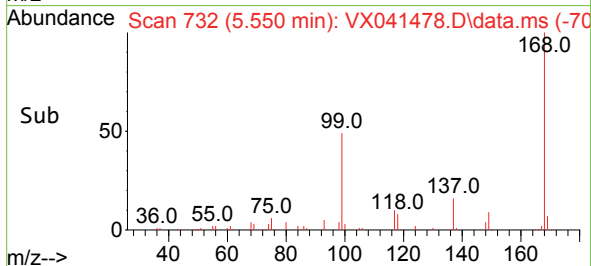
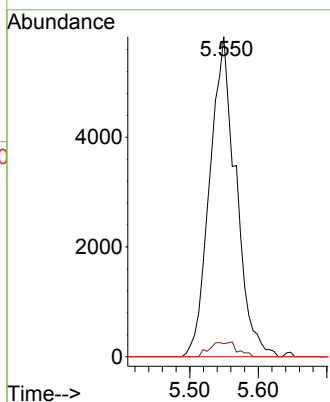


#38
Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

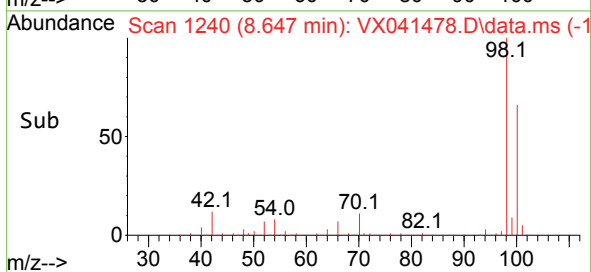
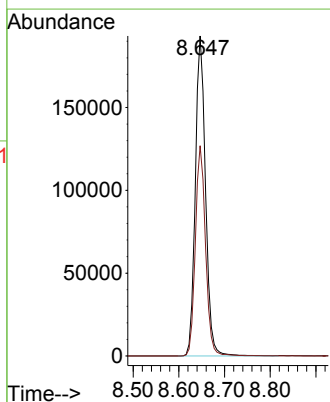
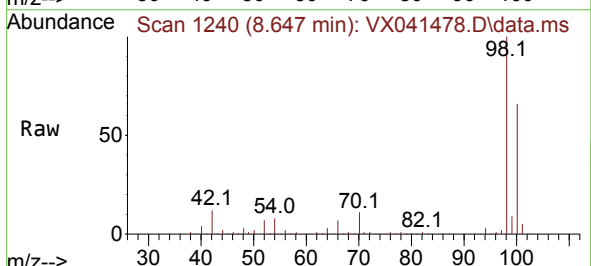


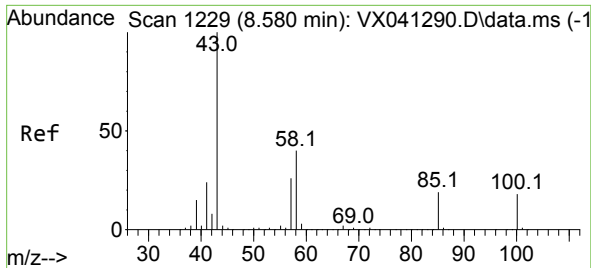
Tgt Ion:117 Resp: 15486
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.629 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

Tgt Ion: 98 Resp: 299890
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

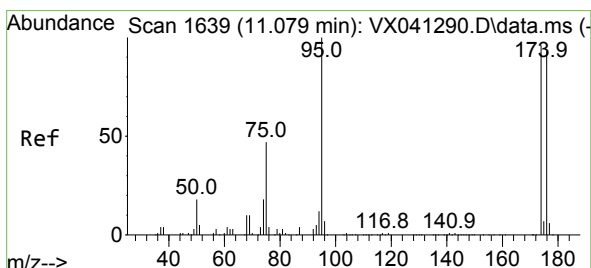
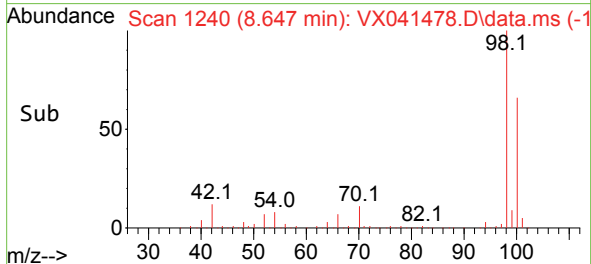
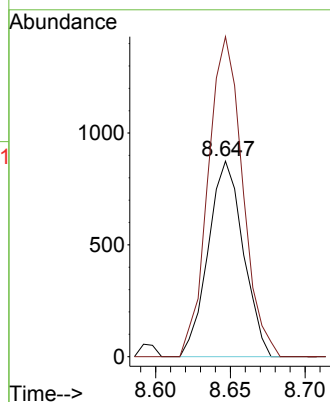
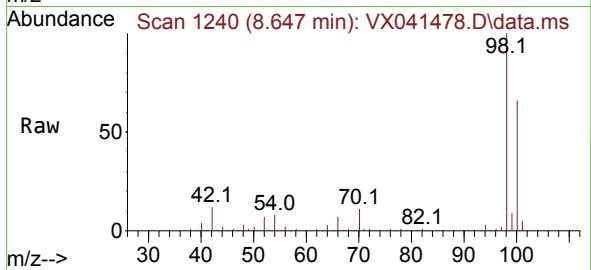




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

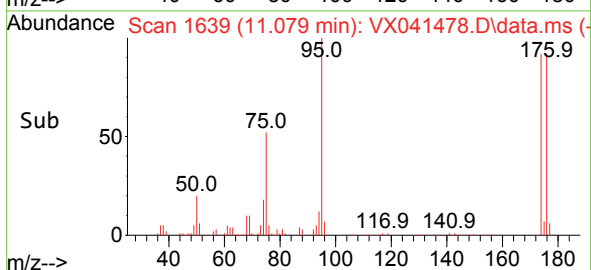
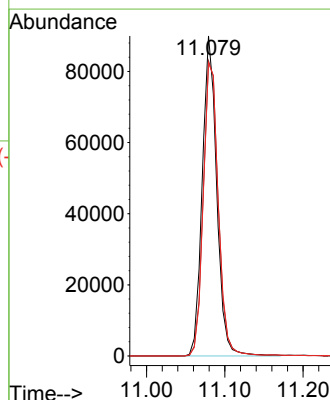
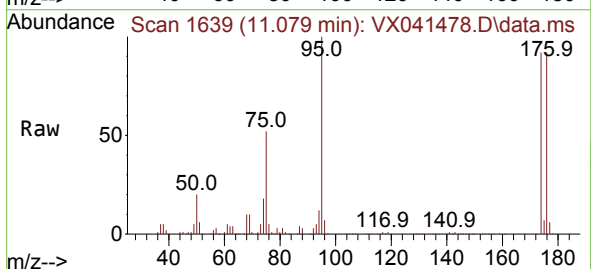
Instrument :
MSVOA_X
ClientSampleId :

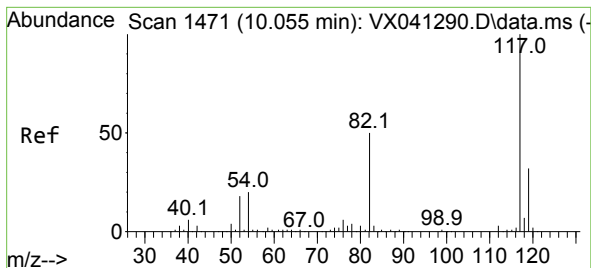
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 161.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 53.245 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

Tgt Ion: 95 Resp: 115259
Ion Ratio Lower Upper
95 100
174 95.5 0.0 135.6
176 95.4 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: VX041478.D

Acq: 13 May 2024 10:01

Instrument :

MSVOA_X

ClientSampleId :

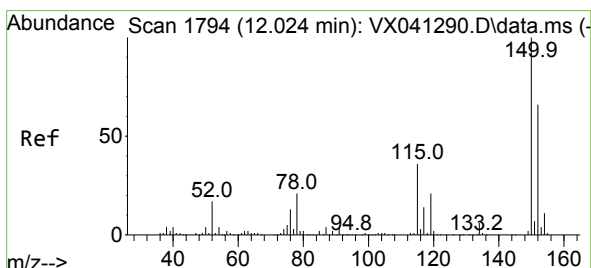
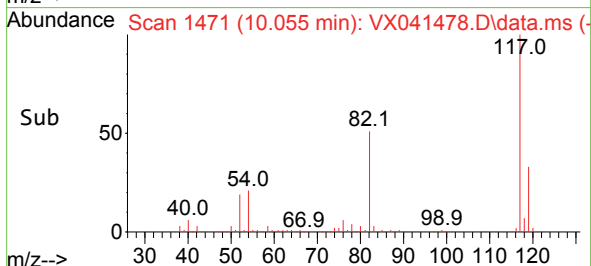
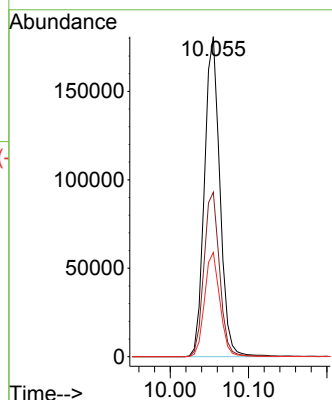
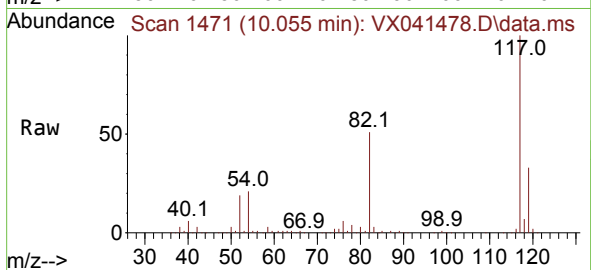
Tgt Ion:117 Resp: 247434

Ion Ratio Lower Upper

117 100

82 51.4 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: VX041478.D

Acq: 13 May 2024 10:01

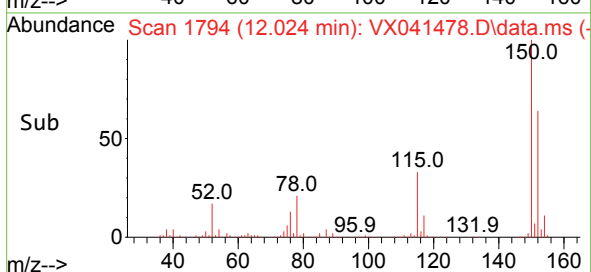
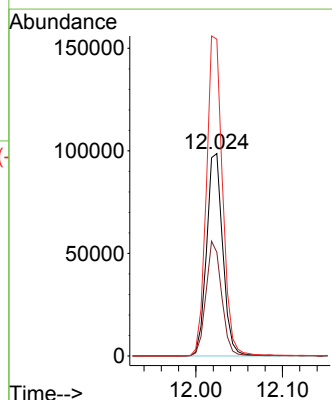
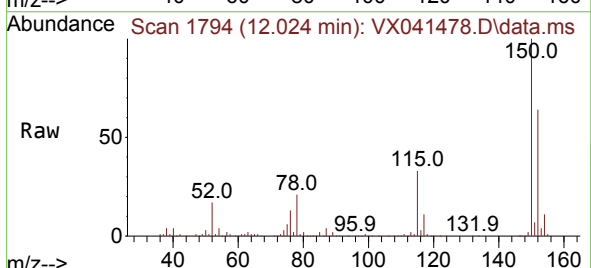
Tgt Ion:152 Resp: 128235

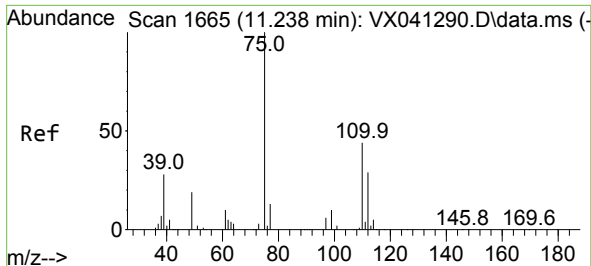
Ion Ratio Lower Upper

152 100

115 55.0 43.3 129.9

150 158.2 0.0 345.0

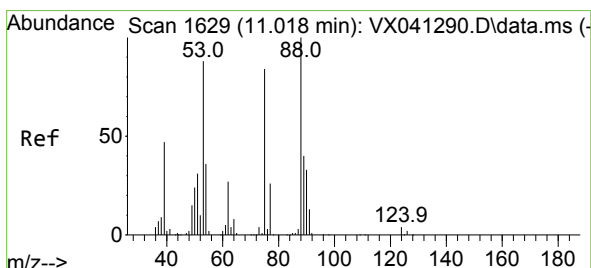
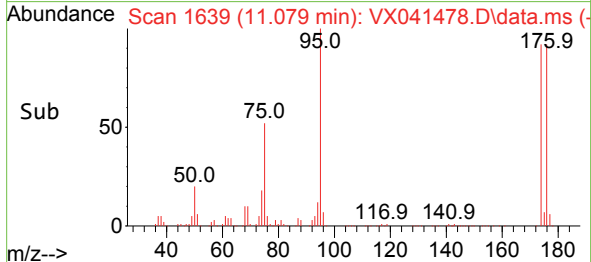
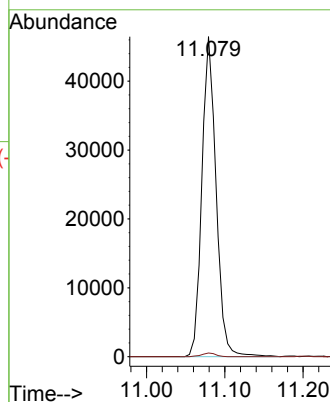
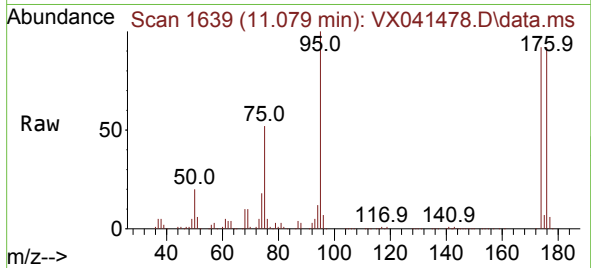




#76
1,2,3-Trichloropropane
Concen: 27.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58467
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041478.D
Acq: 13 May 2024 10:01

Tgt Ion: 75 Resp: 58467
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

