

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040320.D
 Acq On : 19 Feb 2024 11:04
 Operator : JC/MD
 Sample : VX0219WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBL01

Quant Time: Feb 20 01:10:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63477	49.721	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.440%
35) Dibromofluoromethane	5.391	113	49370	46.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	183779	46.452	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	69904	43.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.640%

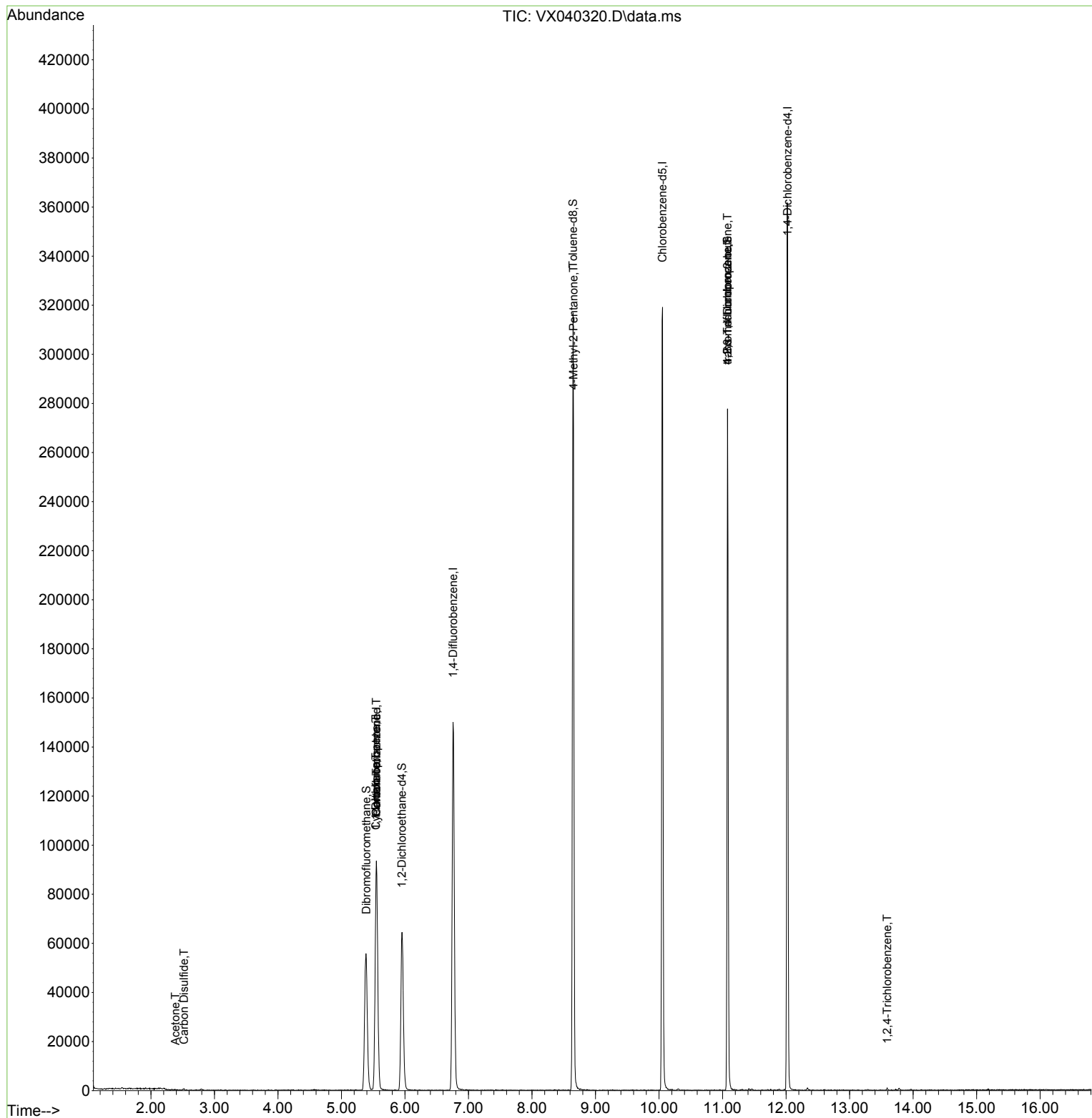
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.386	43	207	0.395	ug/l #	47
17) Carbon Disulfide	2.520	76	747	0.323	ug/l #	76
20) Methylene Chloride	2.794	84	188	Below Cal	#	68
31) Cyclohexane	5.544	56	2294	1.506	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	7518	5.074	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8804	6.250	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	910	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37992	26.270	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37992	72.081	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	336	0.215	ug/l	81

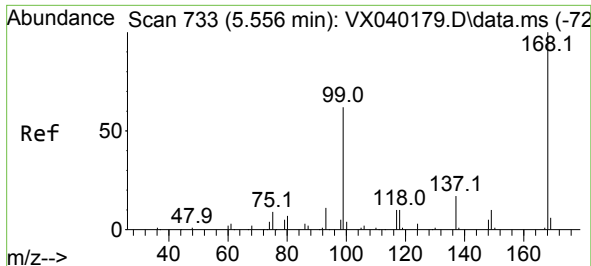
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
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Quant Time: Feb 20 01:10:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

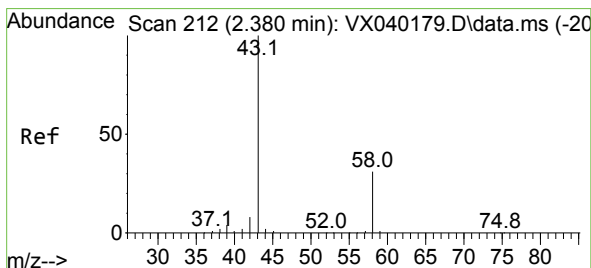
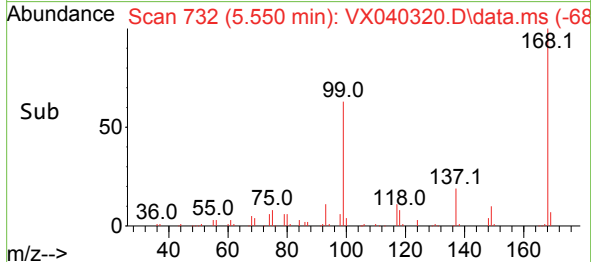
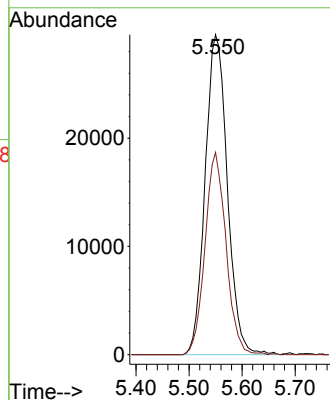
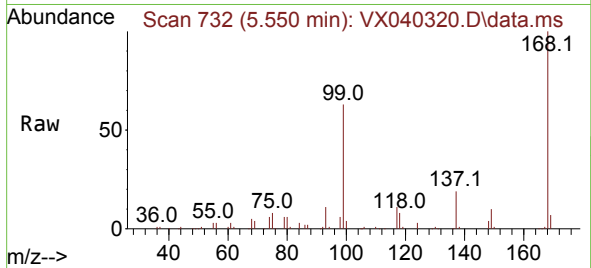




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

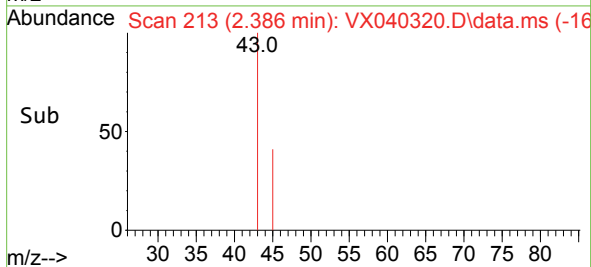
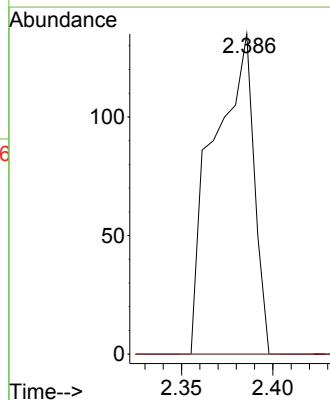
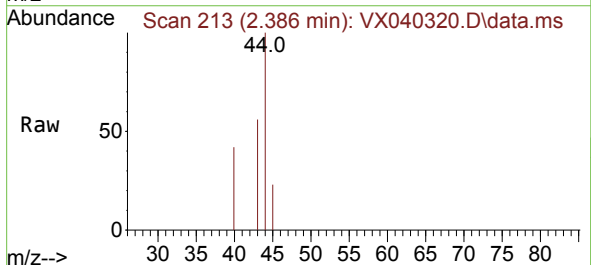
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

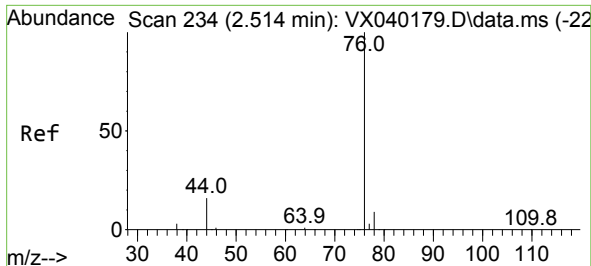
Tgt Ion:168 Resp: 85815
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#16
Acetone
Concen: 0.395 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.323 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX040320.D

Acq: 19 Feb 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

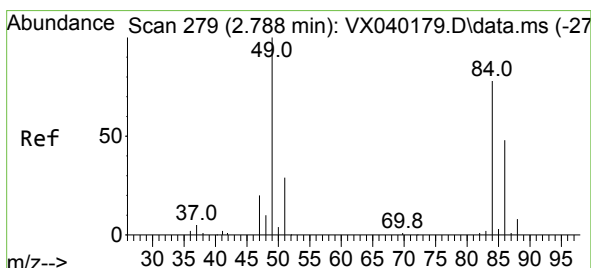
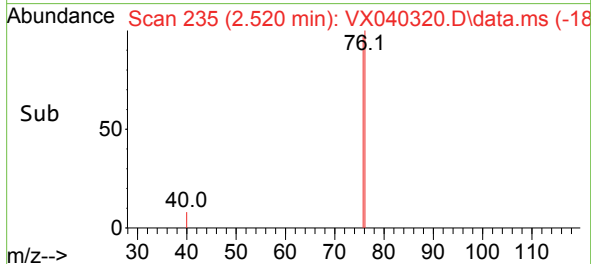
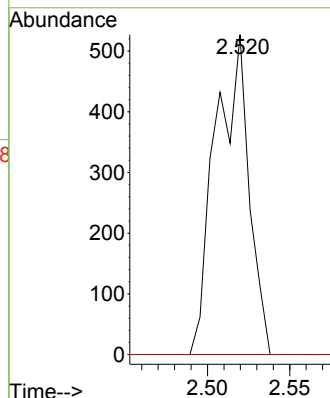
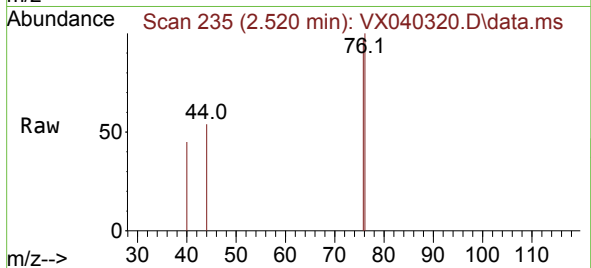
VX0219WBL01

Tgt Ion: 76 Resp: 747

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040320.D

Acq: 19 Feb 2024 11:04

Tgt Ion: 84 Resp: 188

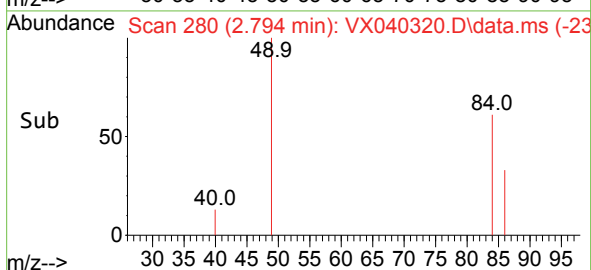
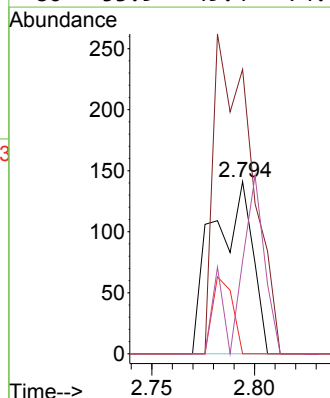
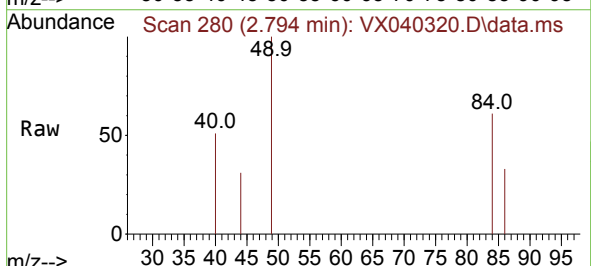
Ion Ratio Lower Upper

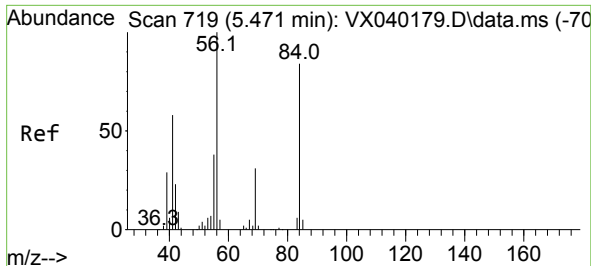
84 100

49 165.2 103.6 155.4#

51 0.0 33.8 50.6#

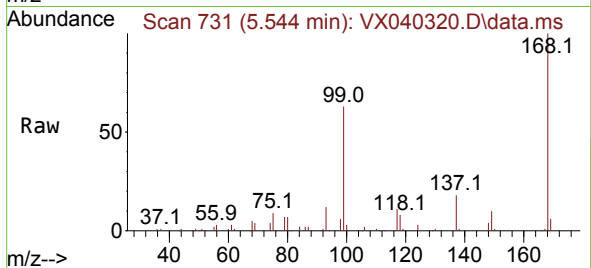
86 53.9 49.4 74.0



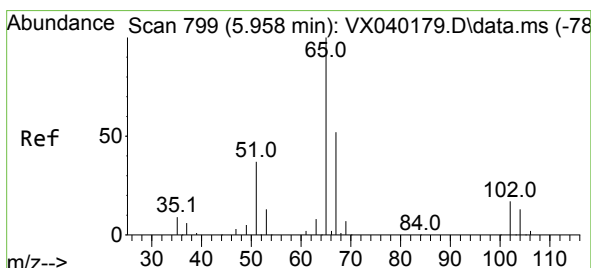
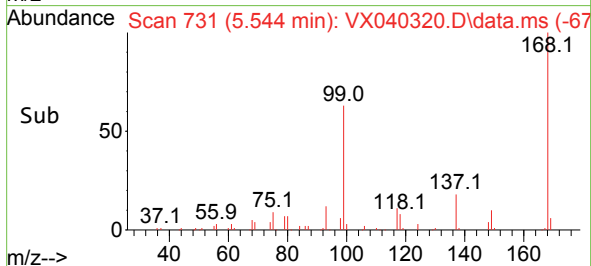
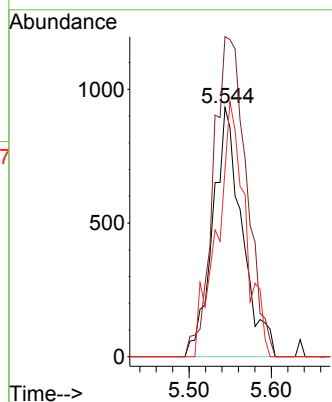


#31
Cyclohexane
Concen: 1.506 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

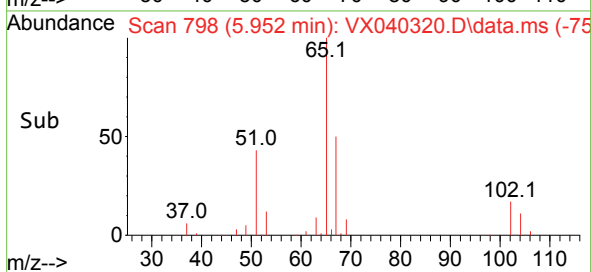
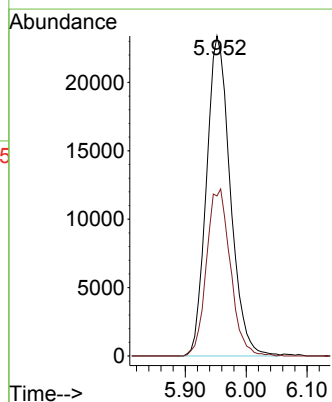
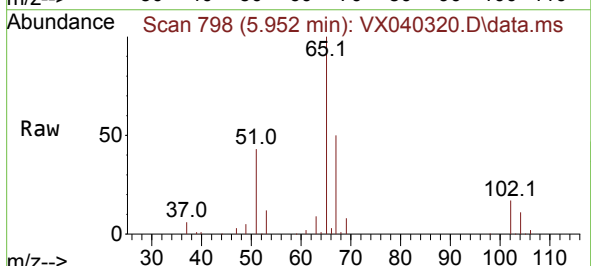


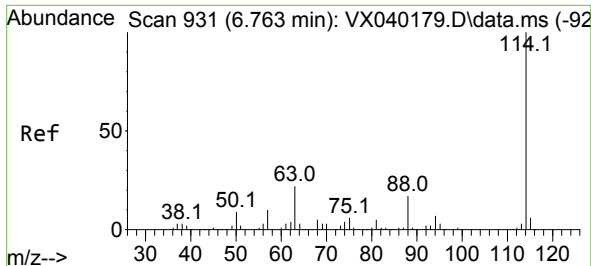
Tgt Ion: 56 Resp: 2294
Ion Ratio Lower Upper
56 100
69 128.4 23.4 35.2#
84 75.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.721 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion: 65 Resp: 63477
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

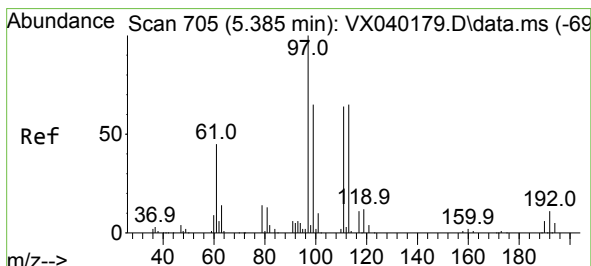
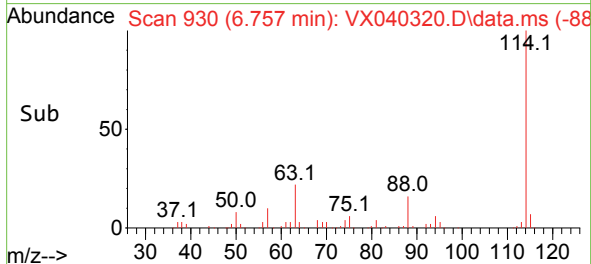
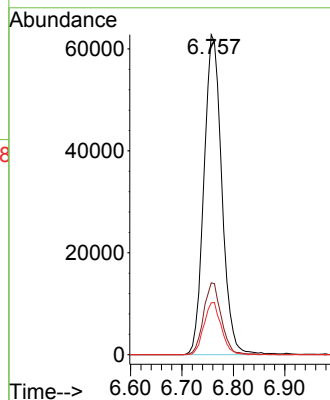
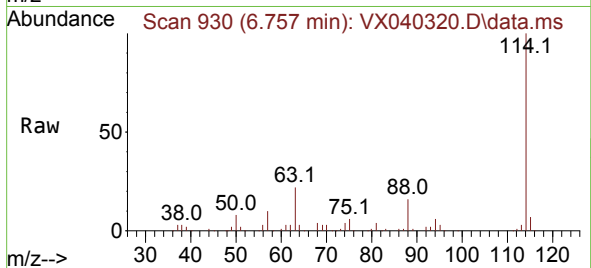




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

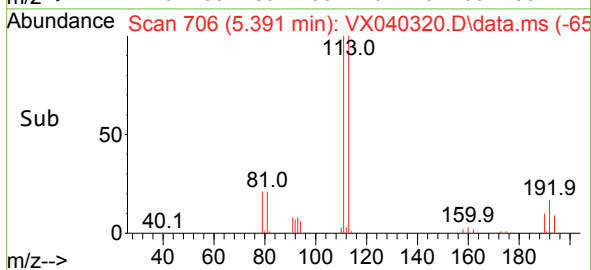
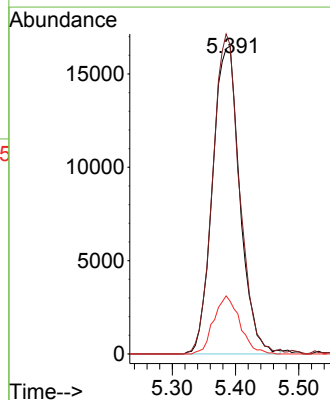
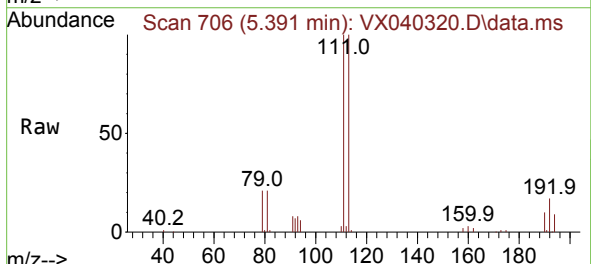
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

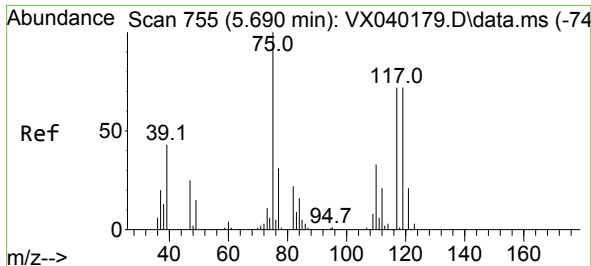
Tgt Ion:114 Resp: 151450
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.679 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion:113 Resp: 49370
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.1 13.3 19.9

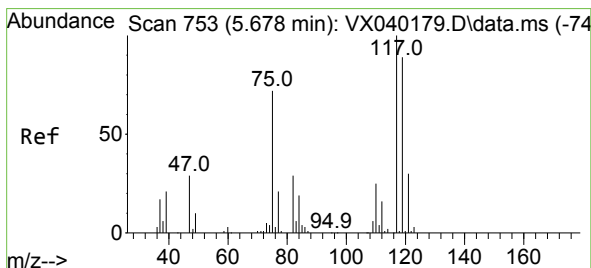
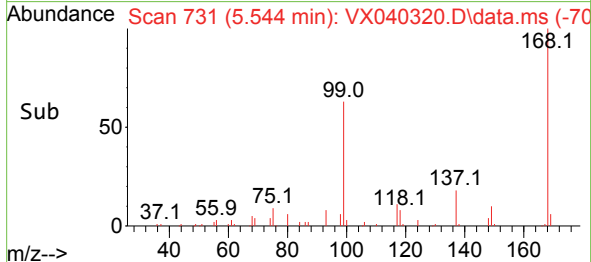
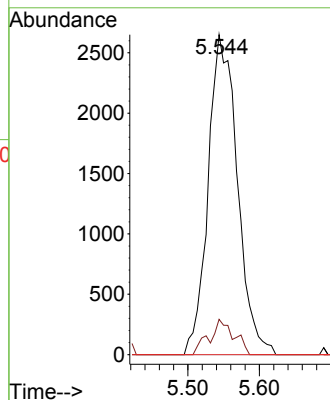
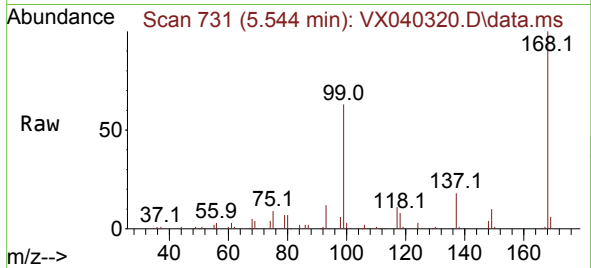




#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

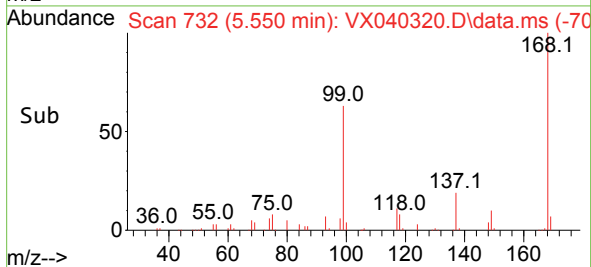
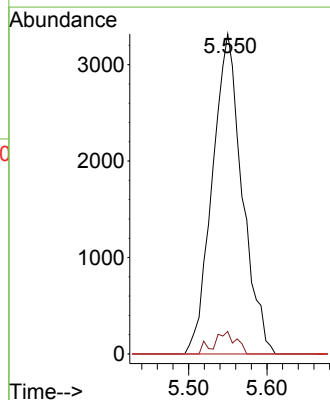
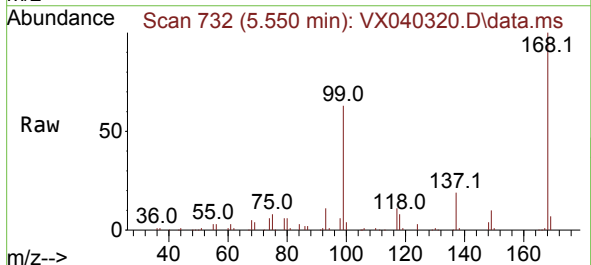
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

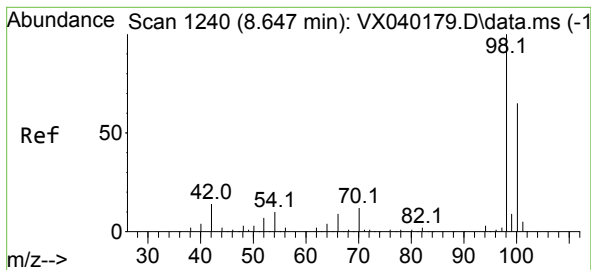
Tgt Ion: 75 Resp: 7518
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.250 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion: 117 Resp: 8804
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.452 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040320.D

Acq: 19 Feb 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

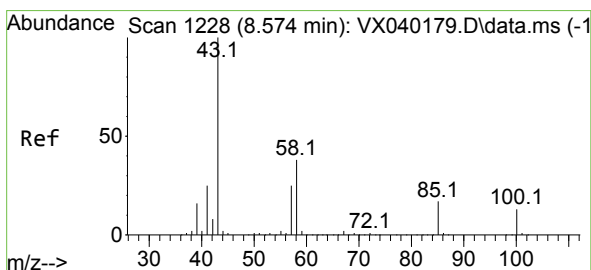
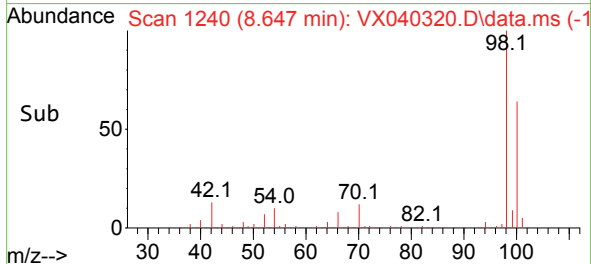
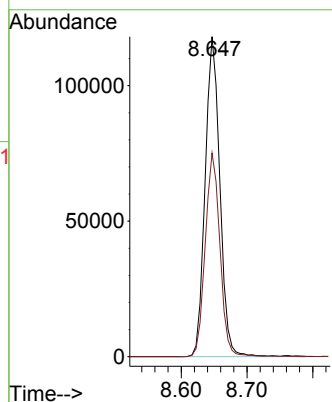
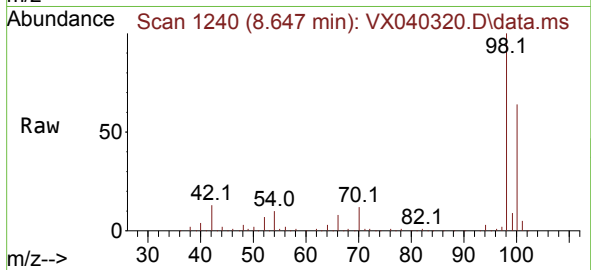
VX0219WBL01

Tgt Ion: 98 Resp: 183779

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.518 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX040320.D

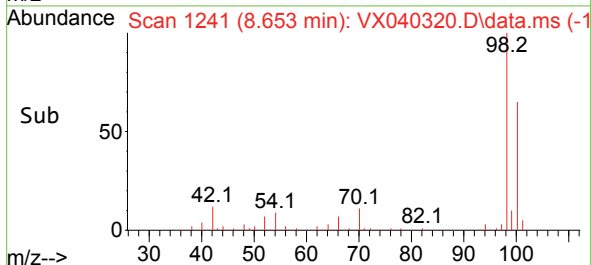
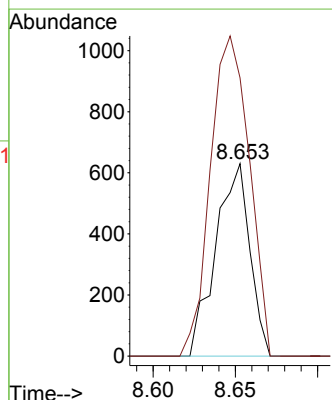
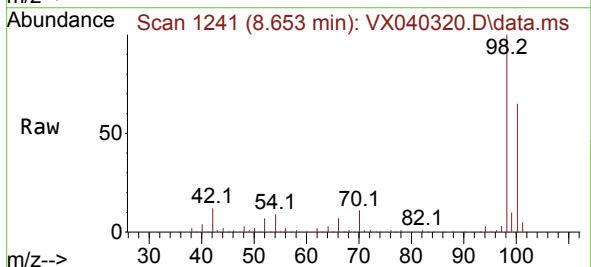
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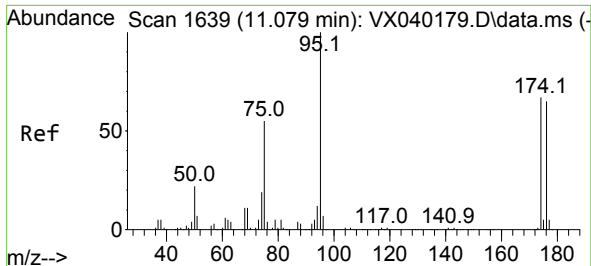
Tgt Ion: 43 Resp: 910

Ion Ratio Lower Upper

43 100

58 189.8 30.4 45.6#

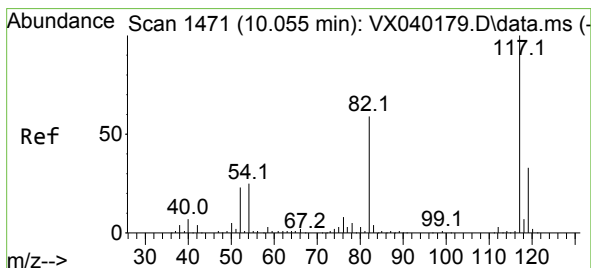
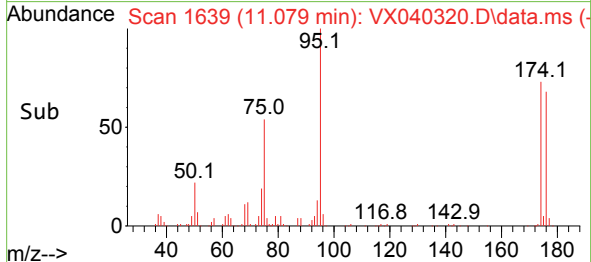
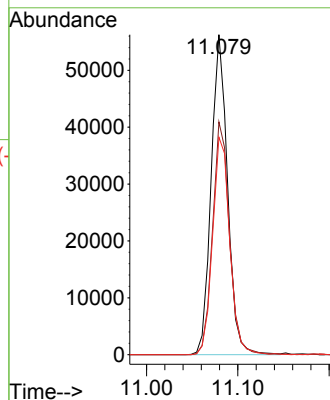
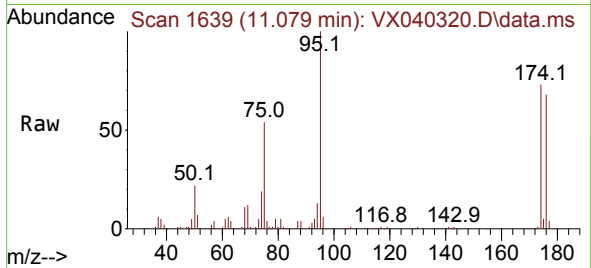




#62
4-Bromofluorobenzene
Concen: 43.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

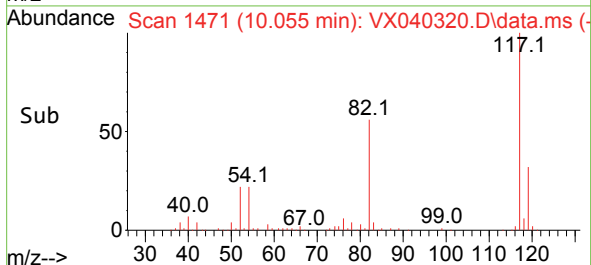
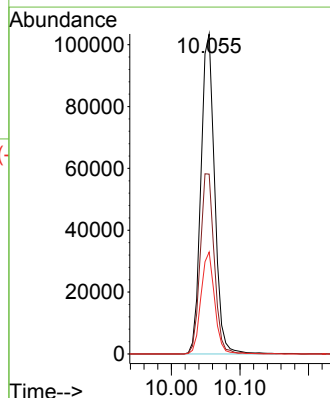
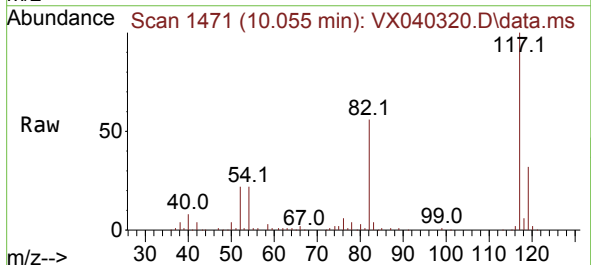
Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

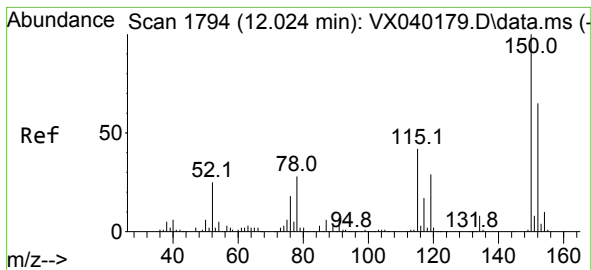
Tgt Ion: 95 Resp: 69904
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion: 117 Resp: 144514
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040320.D

Acq: 19 Feb 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBL01

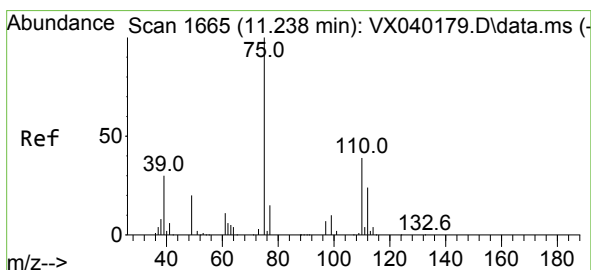
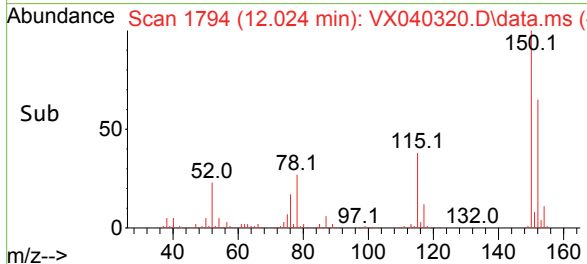
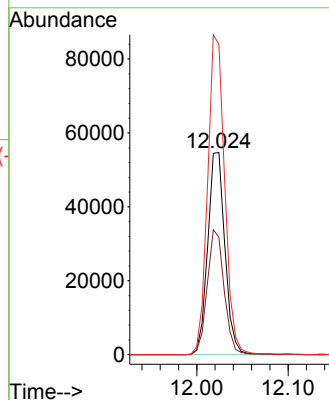
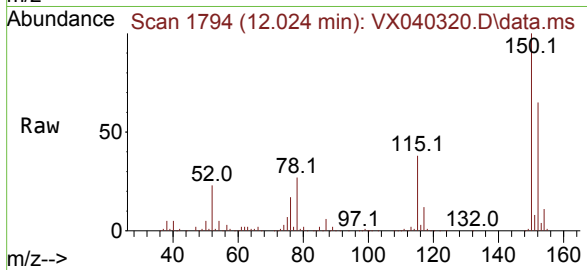
Tgt Ion:152 Resp: 71417

Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.270 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040320.D

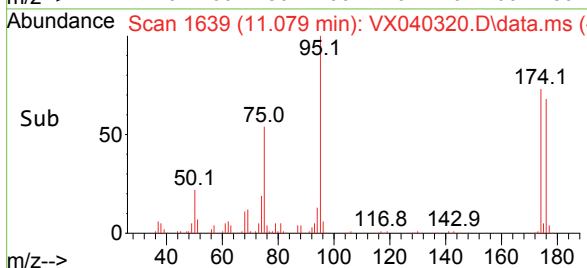
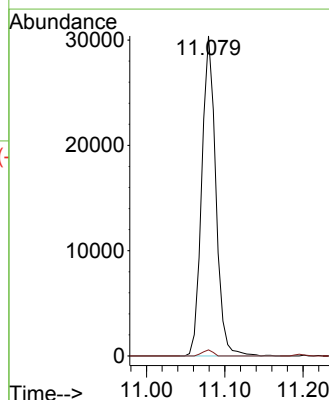
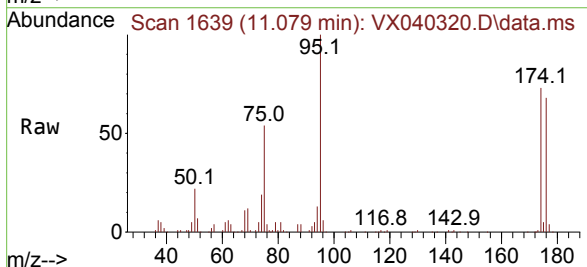
Acq: 19 Feb 2024 11:04

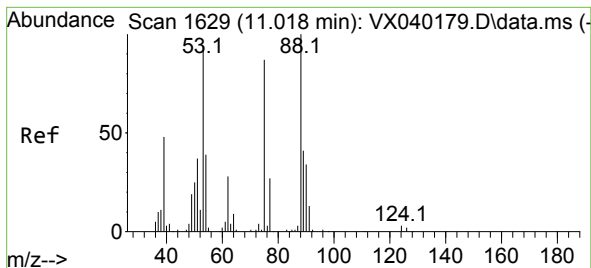
Tgt Ion: 75 Resp: 37992

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#

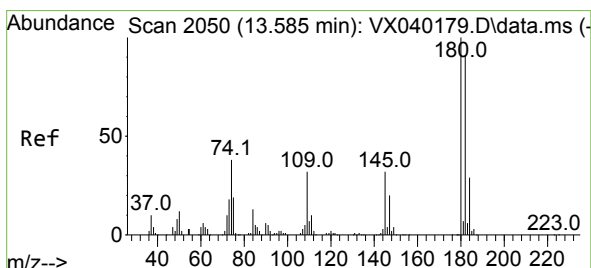
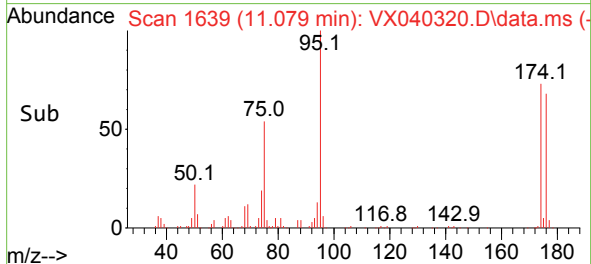
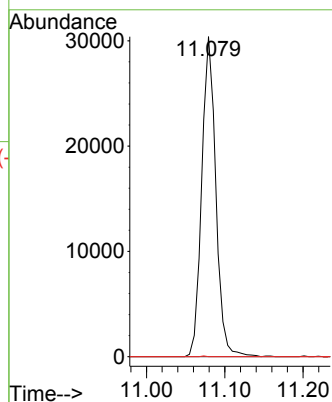
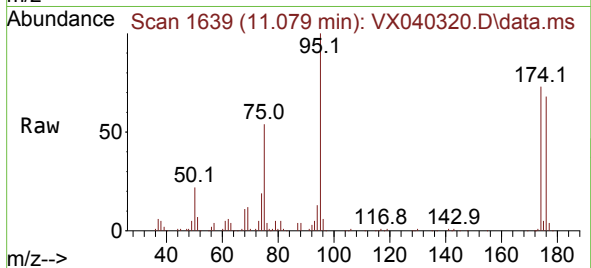




#81
trans-1,4-Dichloro-2-butene
Concen: 72.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBL01

Tgt Ion: 75 Resp: 37992
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040320.D
Acq: 19 Feb 2024 11:04

Tgt Ion: 180 Resp: 336
Ion Ratio Lower Upper
180 100
182 112.8 48.3 144.8
145 20.5 18.0 54.0

