

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042209.D
 Acq On : 05 Jul 2024 13:22
 Operator : JC/MD
 Sample : P3167-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-TB-20240627

Quant Time: Jul 05 23:21:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

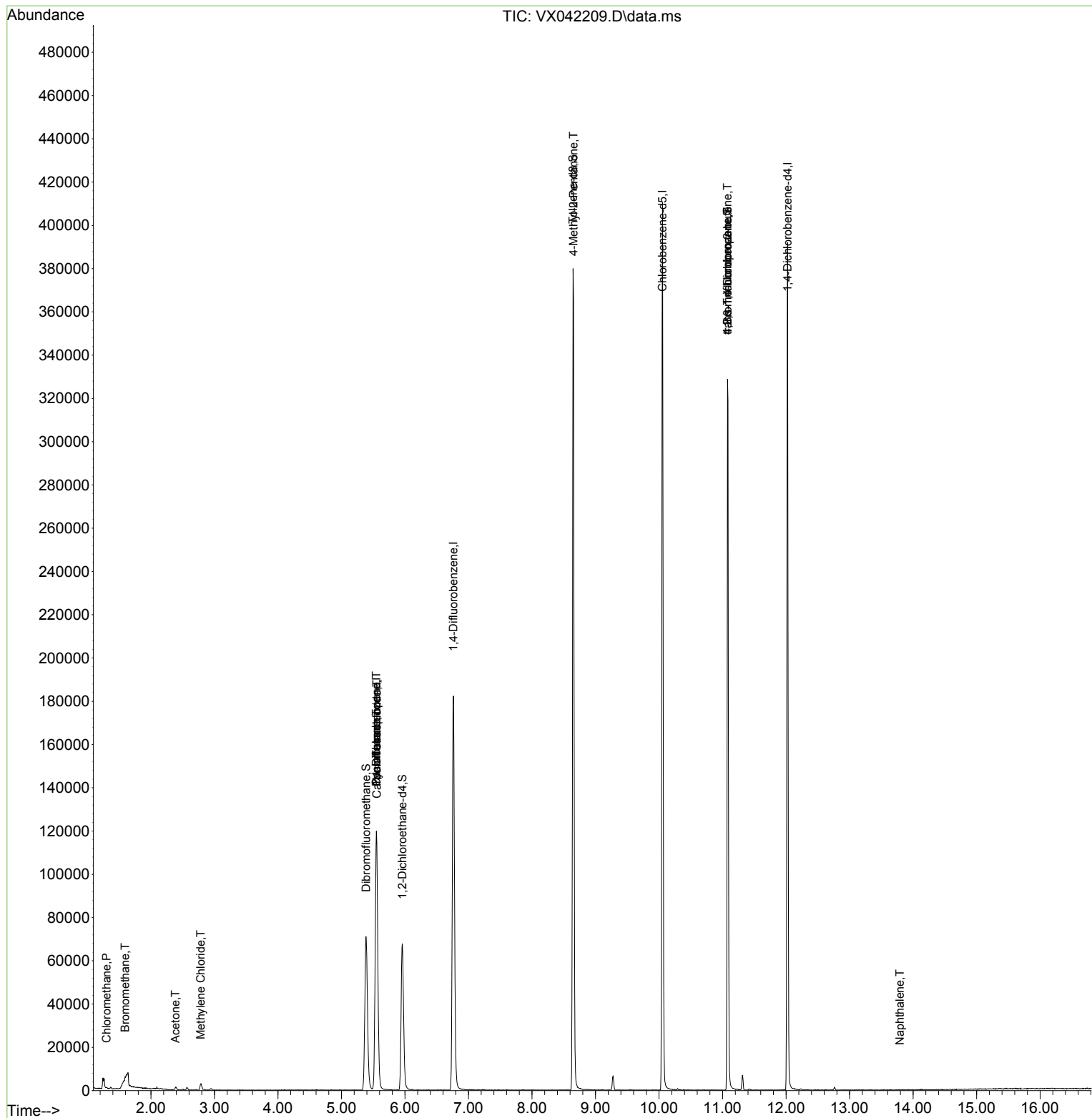
Internal Standards						
1) Pentafluorobenzene	5.550	168	133147	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	205492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66623	43.393	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.780%
35) Dibromofluoromethane	5.385	113	64545	44.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.540%
50) Toluene-d8	8.647	98	240720	46.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.980%
62) 4-Bromofluorobenzene	11.079	95	88877	47.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	448	0.352	ug/l	95
5) Bromomethane	1.593	94	271	0.430	ug/l	# 53
6) Chloroethane	1.672	64	222	Below Cal	#	43
16) Acetone	2.386	43	1503	2.229	ug/l	93
20) Methylene Chloride	2.782	84	1911	1.295	ug/l	# 77
31) Cyclohexane	5.550	56	1810	1.008	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7708	4.978	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	11139	6.511	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	859	0.403	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	40502	23.902	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	40502	67.878	ug/l	# 5
95) Naphthalene	13.792	128	222	0.781	ug/l	# 69

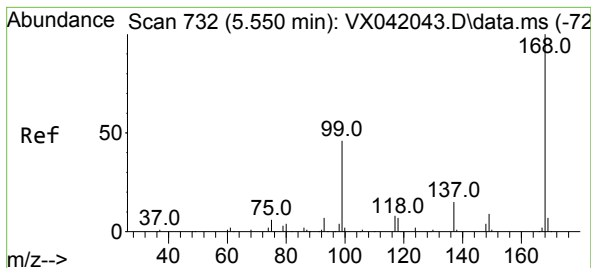
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
Data File : VX042209.D
Acq On : 05 Jul 2024 13:22
Operator : JC/MD
Sample : P3167-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240627

Quant Time: Jul 05 23:21:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 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: VX042209.D

Acq: 05 Jul 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

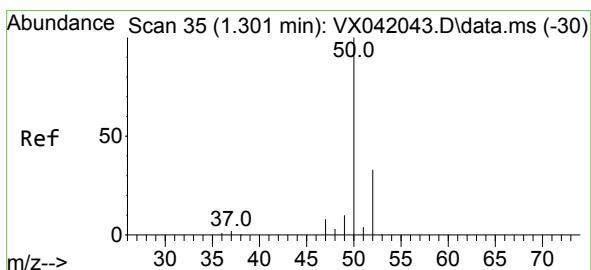
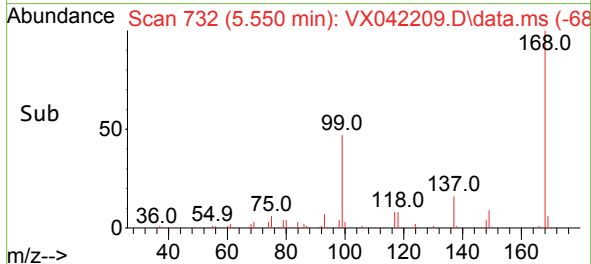
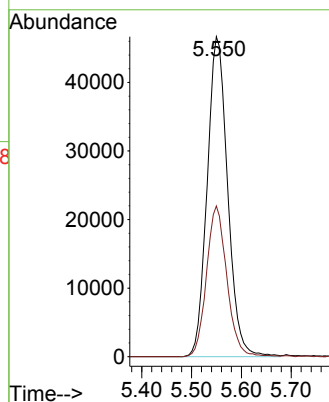
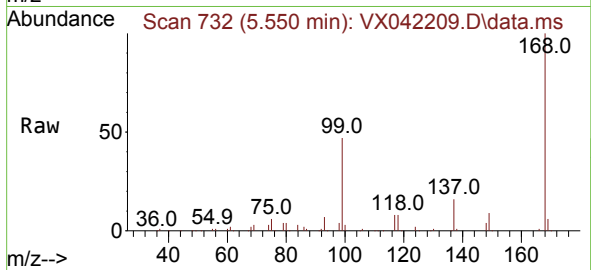
BP-VPB-196-TB-20240627

Tgt Ion:168 Resp: 133147

Ion Ratio Lower Upper

168 100

99 47.1 56.6 85.0#



#3

Chloromethane

Concen: 0.352 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX042209.D

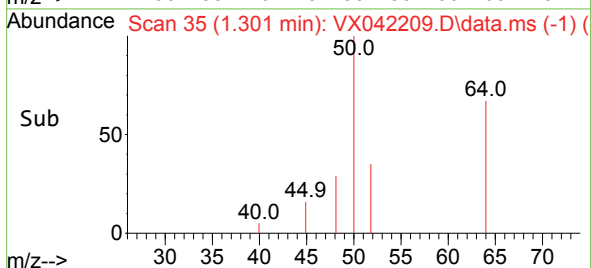
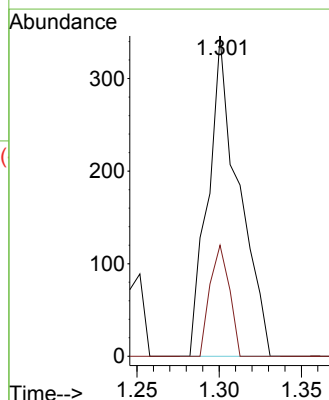
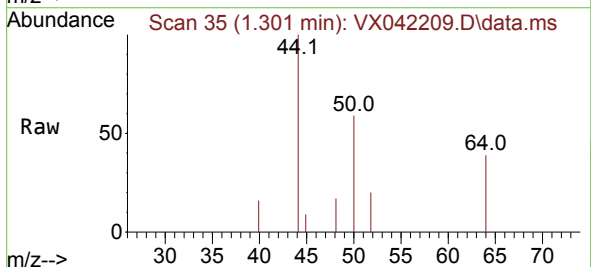
Acq: 05 Jul 2024 13:22

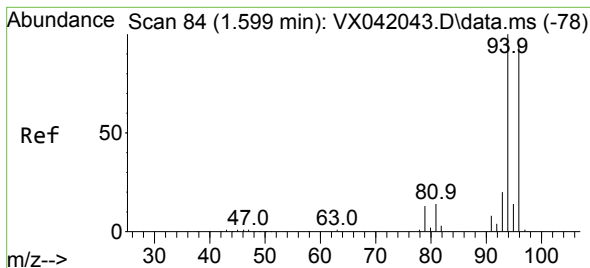
Tgt Ion: 50 Resp: 448

Ion Ratio Lower Upper

50 100

52 34.7 25.5 38.3





#5

Bromomethane

Concen: 0.430 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX042209.D

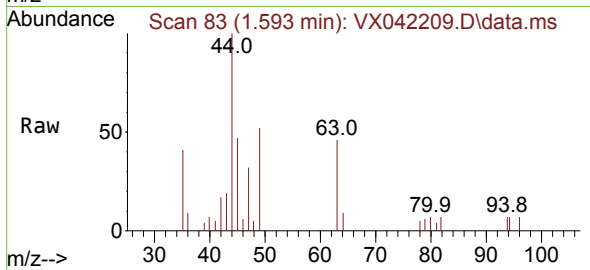
Acq: 05 Jul 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240627

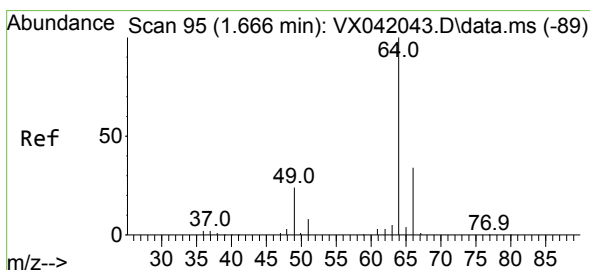
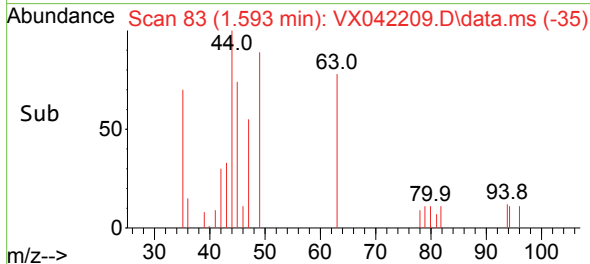
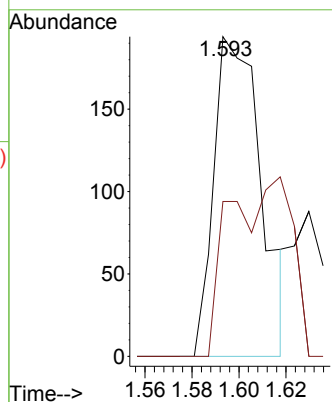


Tgt Ion: 94 Resp: 271

Ion Ratio Lower Upper

94 100

96 48.5 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.672 min Scan# 96

Delta R.T. 0.012 min

Lab File: VX042209.D

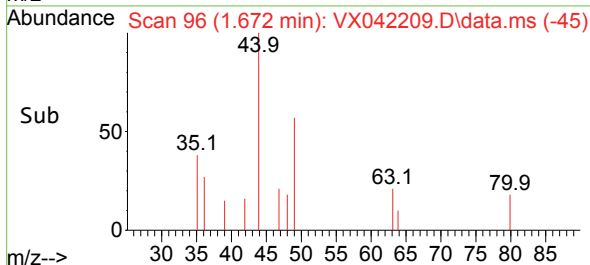
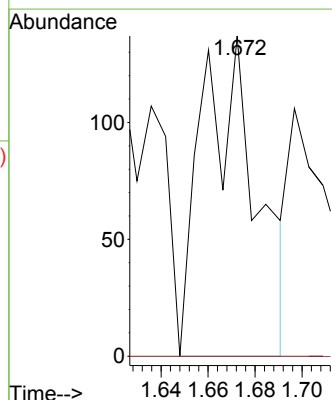
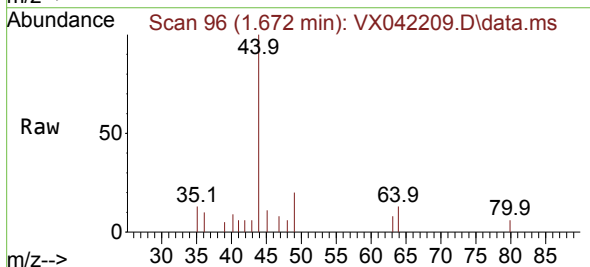
Acq: 05 Jul 2024 13:22

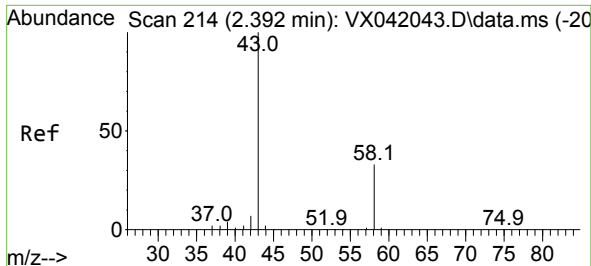
Tgt Ion: 64 Resp: 222

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#16

Acetone

Concen: 2.229 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX042209.D

Acq: 05 Jul 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

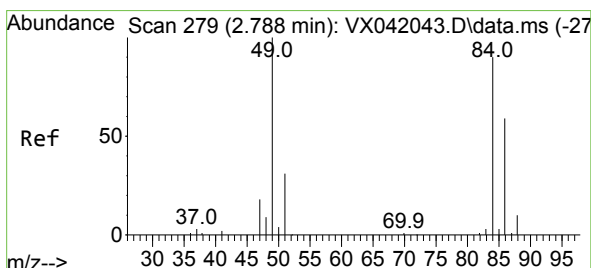
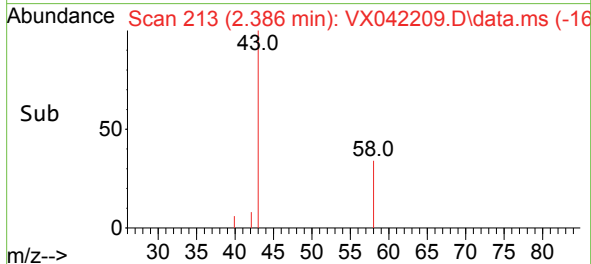
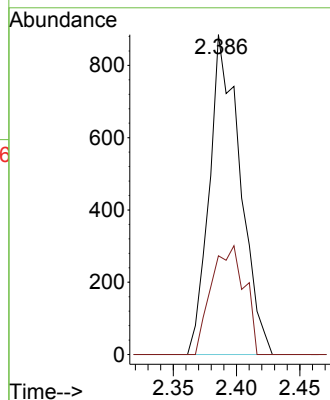
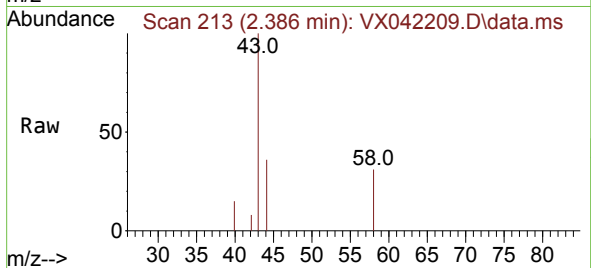
BP-VPB-196-TB-20240627

Tgt Ion: 43 Resp: 1503

Ion Ratio Lower Upper

43 100

58 30.8 21.9 32.9



#20

Methylene Chloride

Concen: 1.295 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX042209.D

Acq: 05 Jul 2024 13:22

Tgt Ion: 84 Resp: 1911

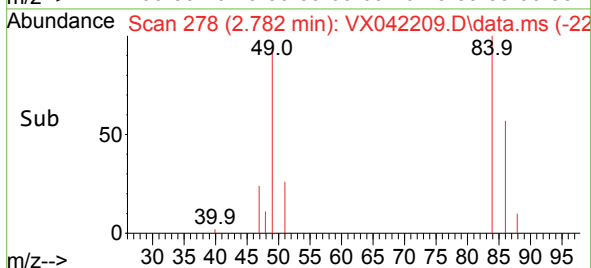
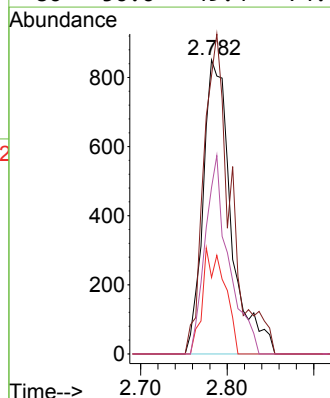
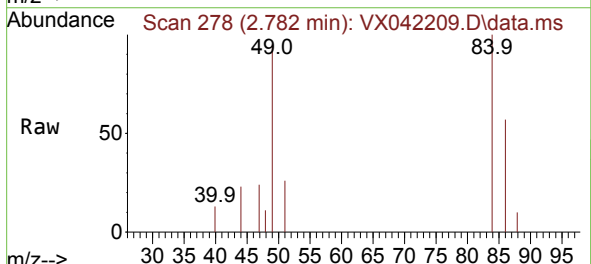
Ion Ratio Lower Upper

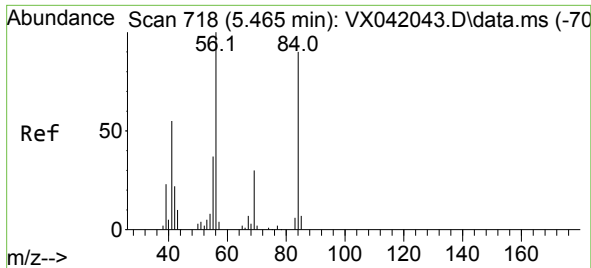
84 100

49 94.7 103.6 155.4#

51 26.0 33.8 50.6#

86 56.6 49.4 74.0

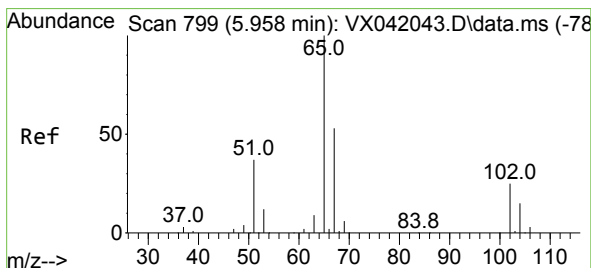
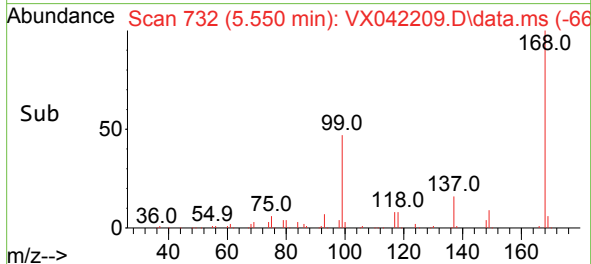
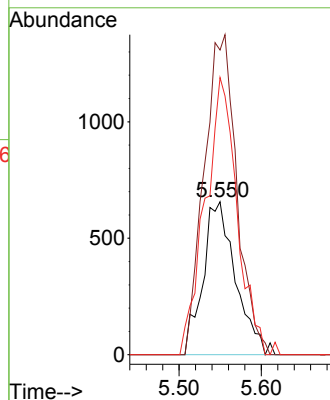
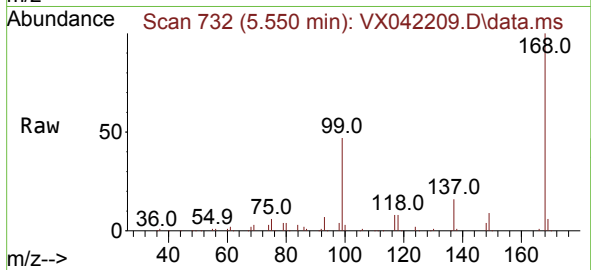




#31
Cyclohexane
Concen: 1.008 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

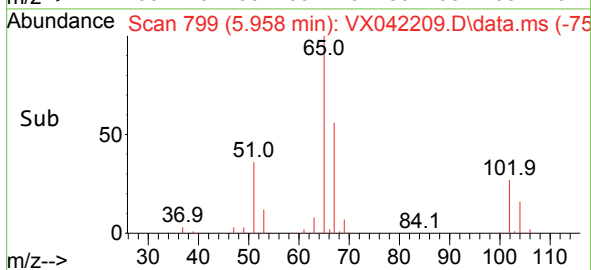
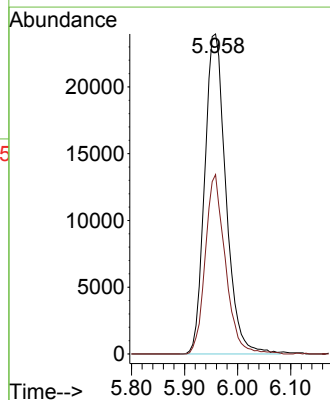
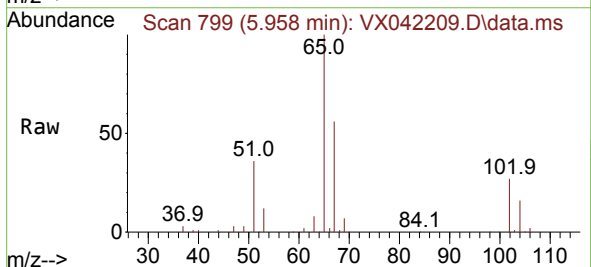
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240627

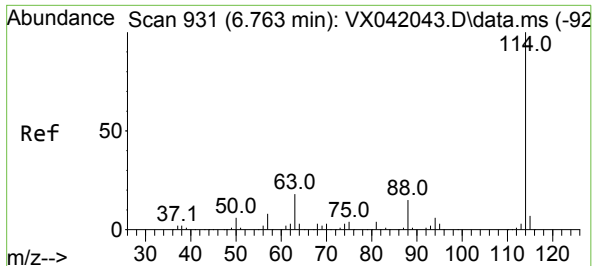
Tgt Ion: 56 Resp: 1810
Ion Ratio Lower Upper
56 100
69 199.1 23.4 35.2#
84 181.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.393 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

Tgt Ion: 65 Resp: 66623
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

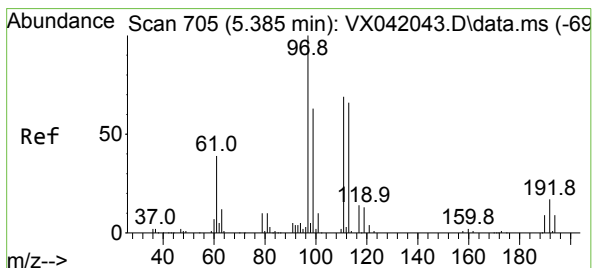
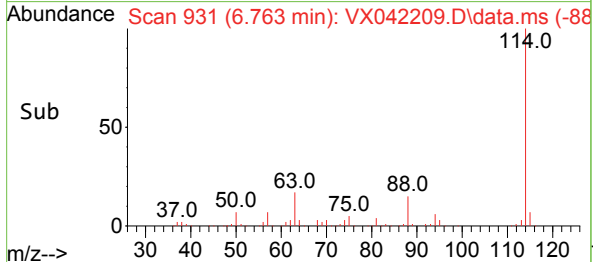
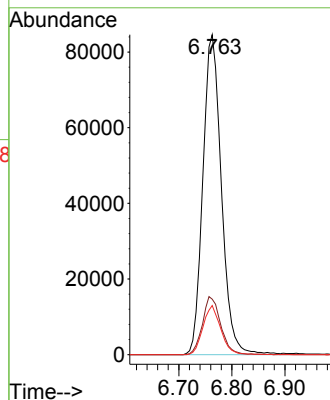
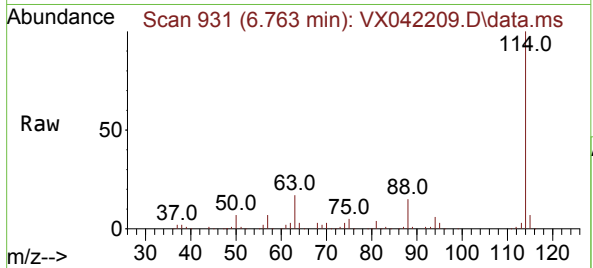




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

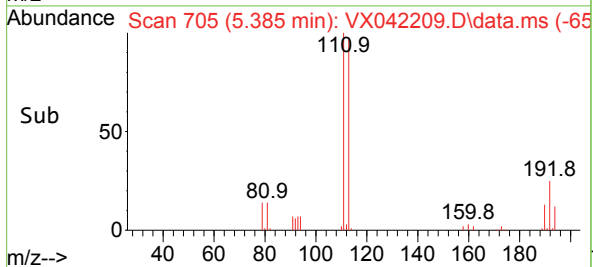
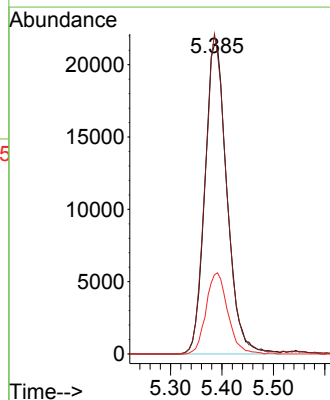
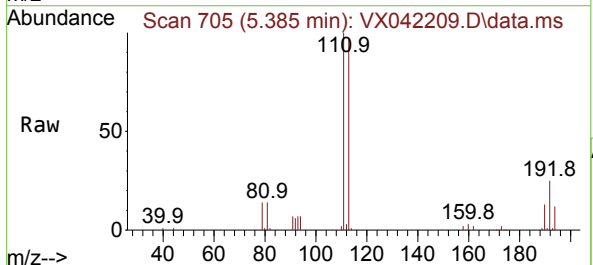
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240627

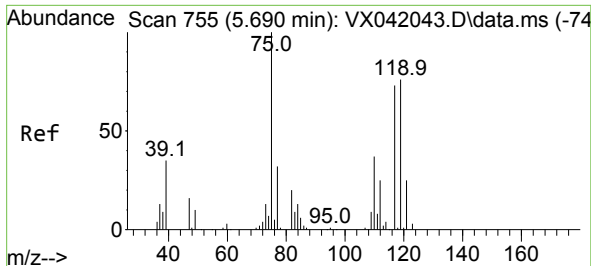
Tgt Ion:114 Resp: 205492
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

Tgt Ion:113 Resp: 64545
Ion Ratio Lower Upper
113 100
111 100.0 82.9 124.3
192 25.5 13.3 19.9#

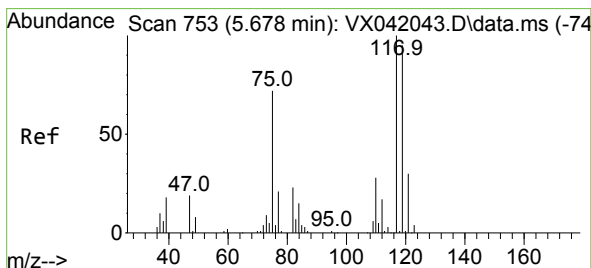
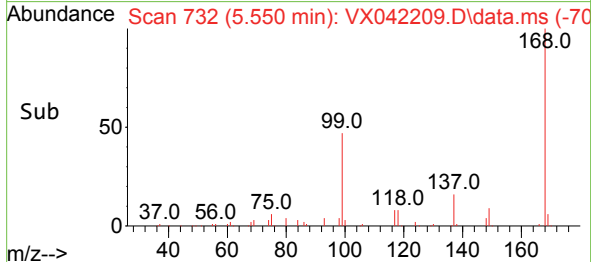
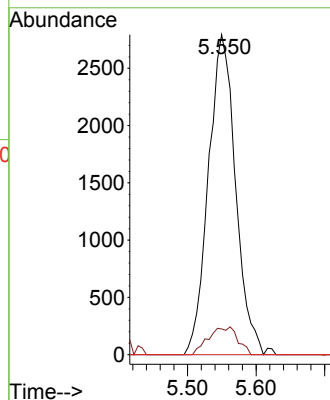
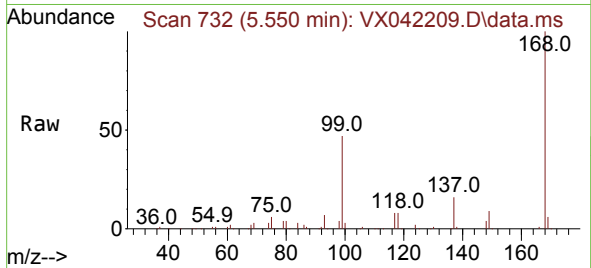




#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

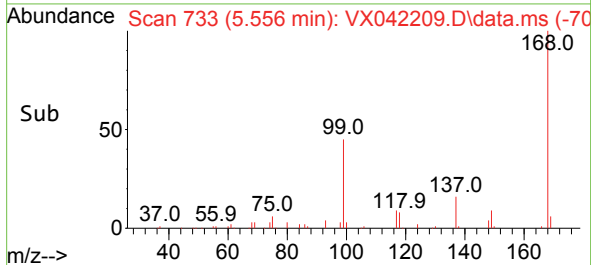
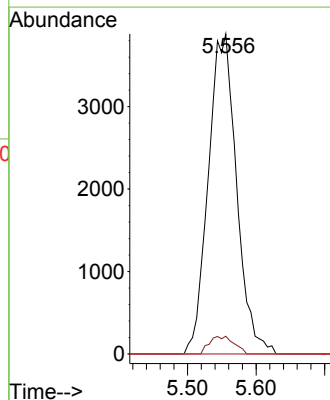
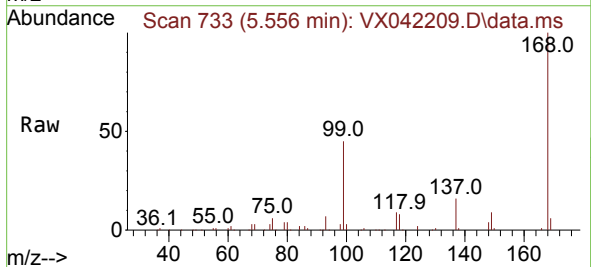
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240627

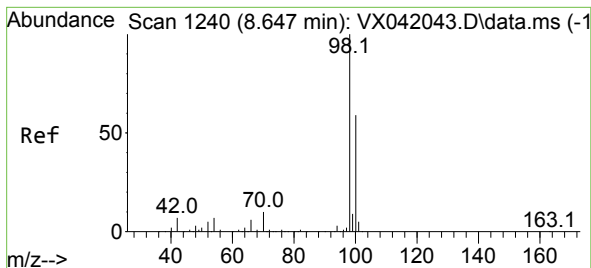
Tgt Ion: 75 Resp: 7708
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.511 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

Tgt Ion: 117 Resp: 11139
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.995 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042209.D

Acq: 05 Jul 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

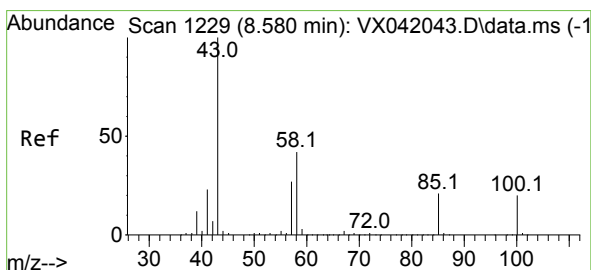
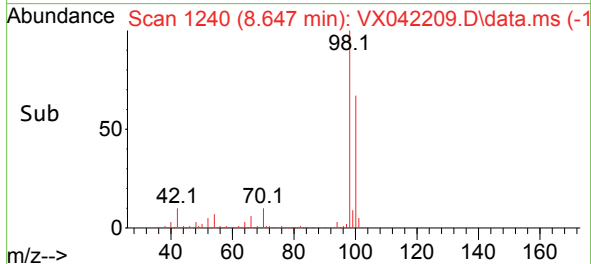
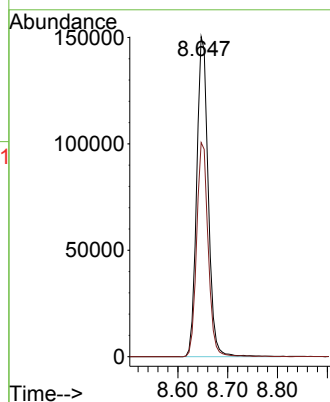
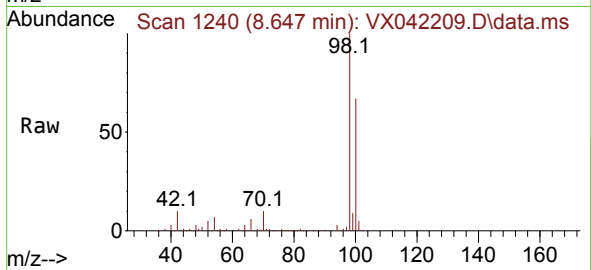
BP-VPB-196-TB-20240627

Tgt Ion: 98 Resp: 240720

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.403 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX042209.D

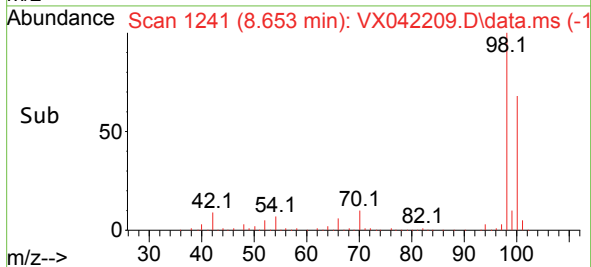
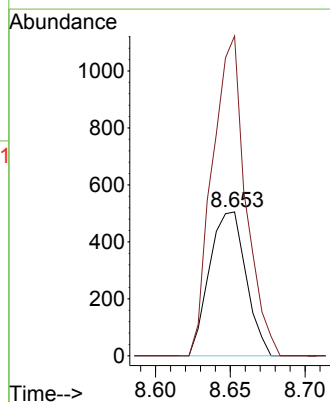
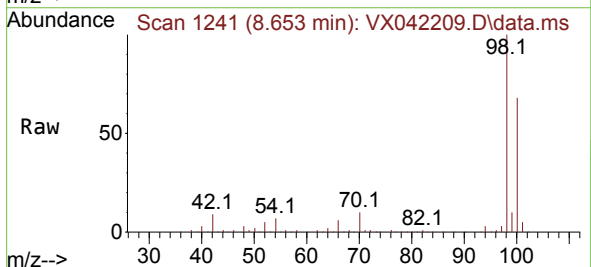
Acq: 05 Jul 2024 13:22

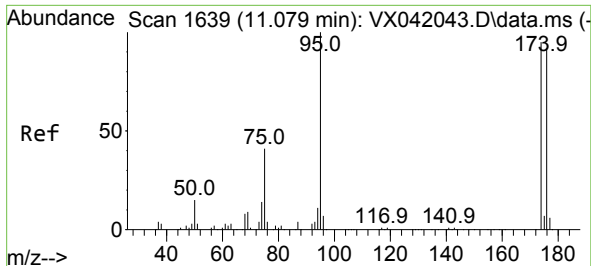
Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

58 203.0 30.4 45.6#

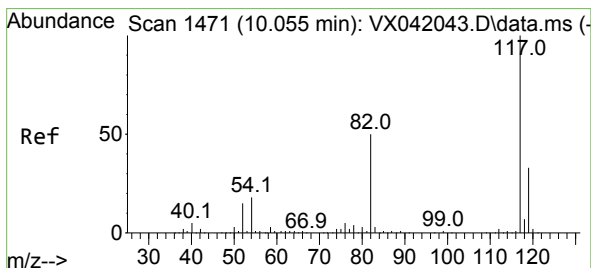
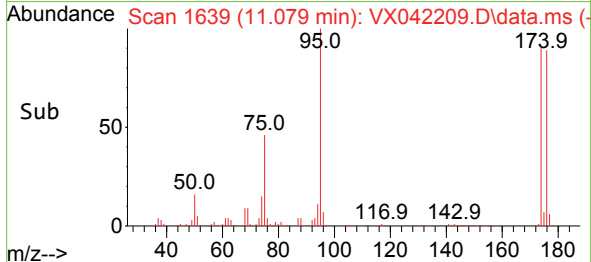
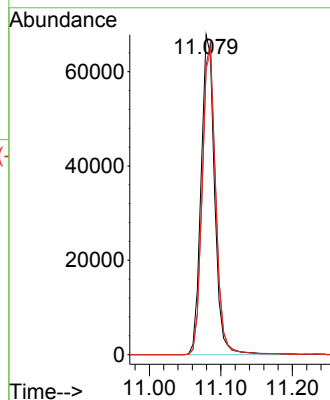
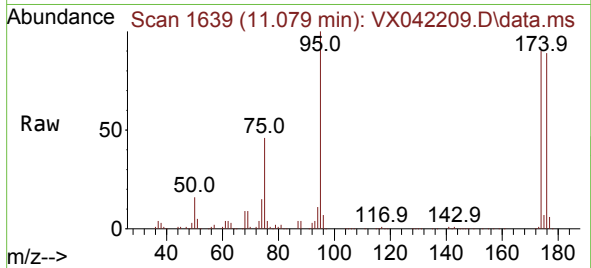




#62
4-Bromofluorobenzene
Concen: 47.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

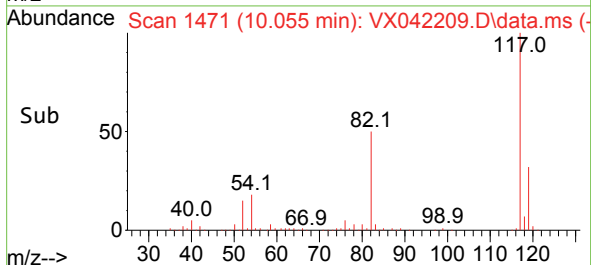
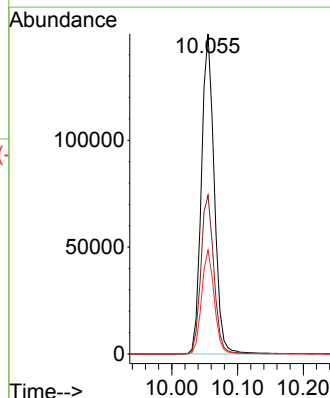
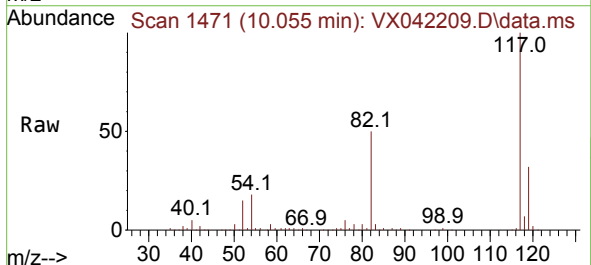
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240627

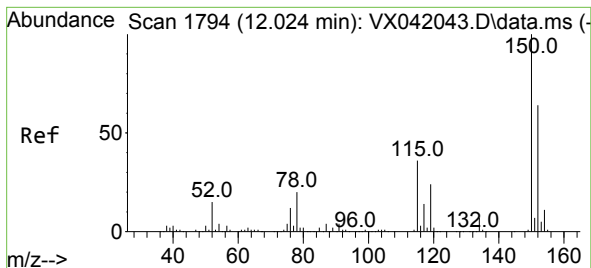
Tgt Ion: 95 Resp: 88877
Ion Ratio Lower Upper
95 100
174 98.0 0.0 135.6
176 95.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

Tgt Ion: 117 Resp: 203872
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042209.D

Acq: 05 Jul 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240627

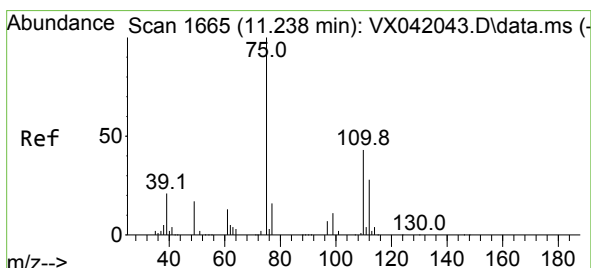
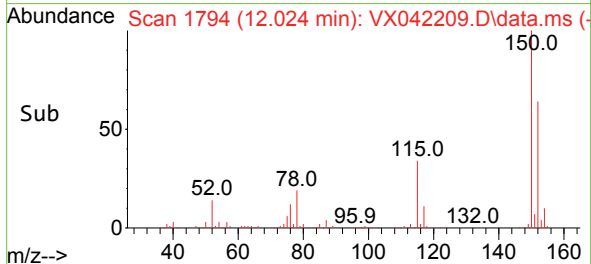
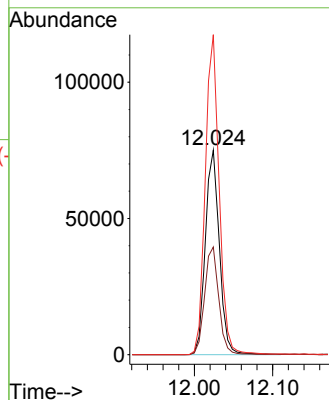
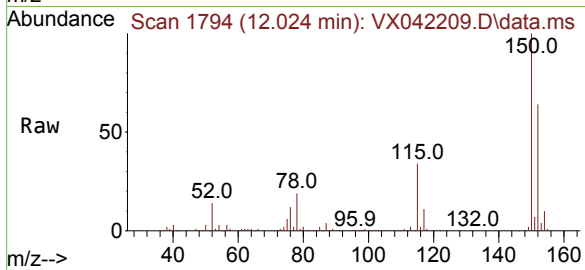
Tgt Ion:152 Resp: 93342

Ion Ratio Lower Upper

152 100

115 53.1 43.3 129.9

150 154.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.902 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042209.D

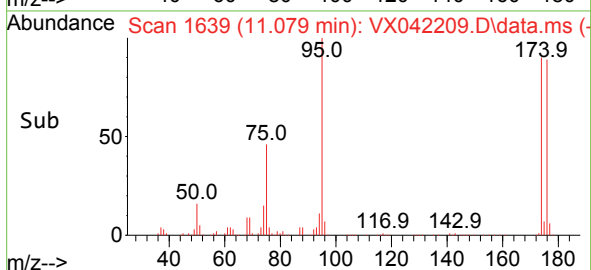
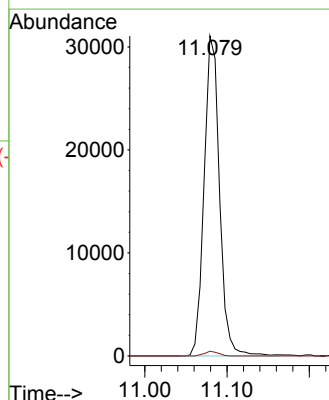
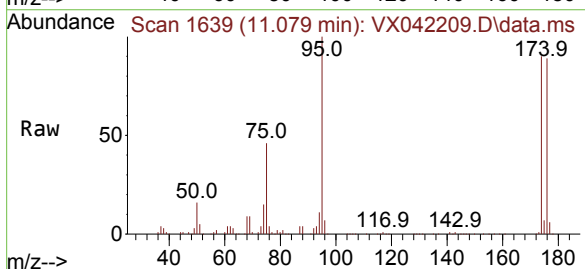
Acq: 05 Jul 2024 13:22

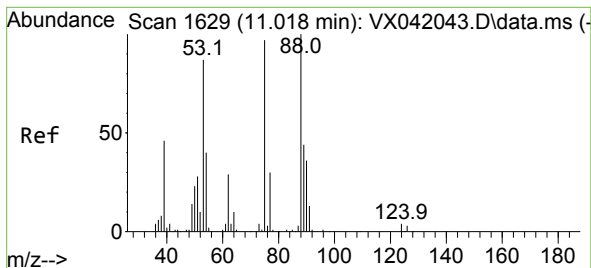
Tgt Ion: 75 Resp: 40502

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

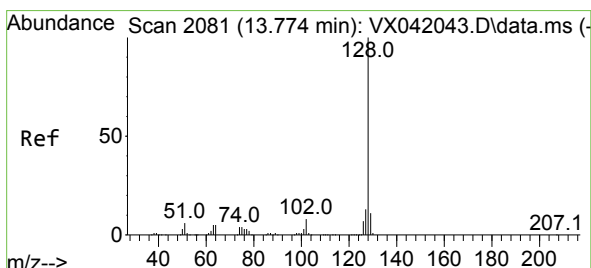
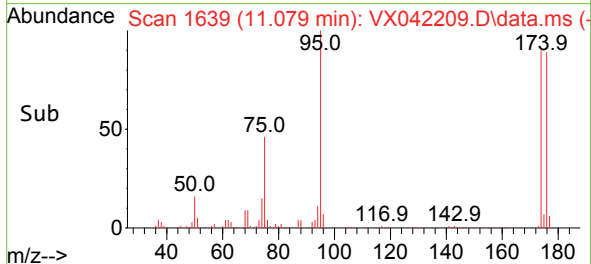
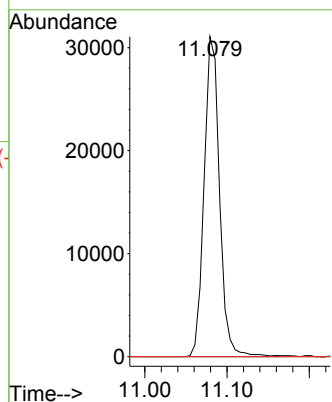
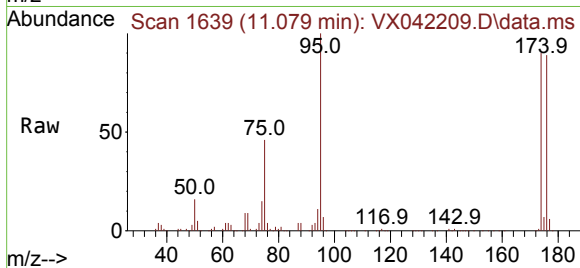




#81
trans-1,4-Dichloro-2-butene
Concen: 67.878 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240627

Tgt Ion: 75 Resp: 40502
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.781 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042209.D
Acq: 05 Jul 2024 13:22

Tgt Ion: 128 Resp: 222
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

