

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040199.D
 Acq On : 12 Feb 2024 15:05
 Operator : JC/MD
 Sample : P1439-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240205

Quant Time: Feb 12 16:17:02 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)

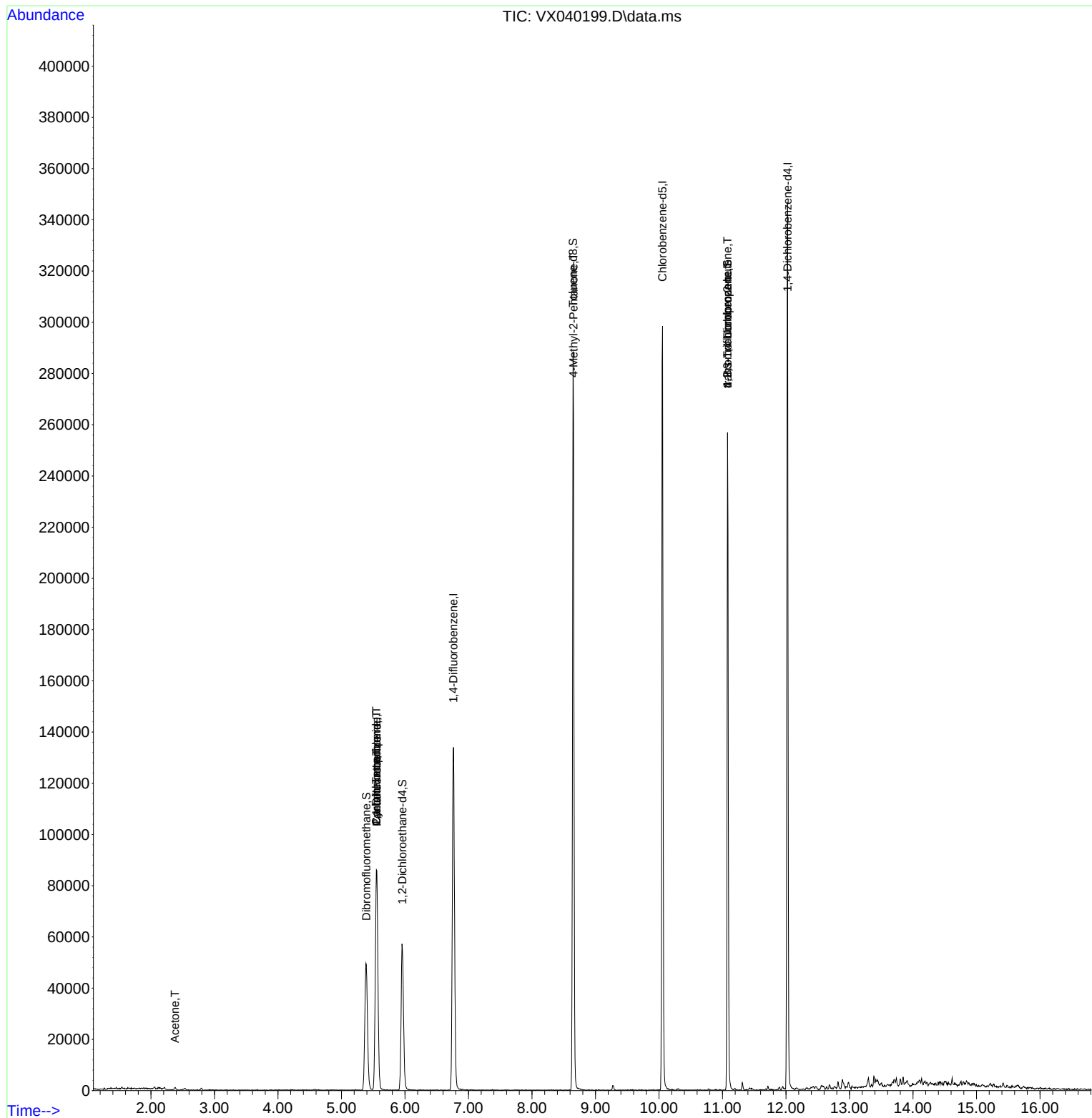
Internal Standards						
1) Pentafluorobenzene	5.556	168	81992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54296	44.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.020%
35) Dibromofluoromethane	5.391	113	44374	45.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.300%
50) Toluene-d8	8.647	98	169681	46.665	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.079	95	68694	46.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1207	2.409	ug/l #	84
20) Methylene Chloride	2.794	84	350	Below Cal		95
31) Cyclohexane	5.550	56	1747	1.201	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	6520	4.788	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8293	6.405	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	680	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36516	24.991	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36516	68.744	ug/l #	5

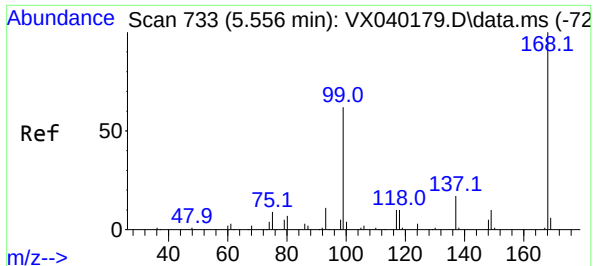
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
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BP-VPB-195-TB-20240205

Quant Time: Feb 12 16:17:02 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

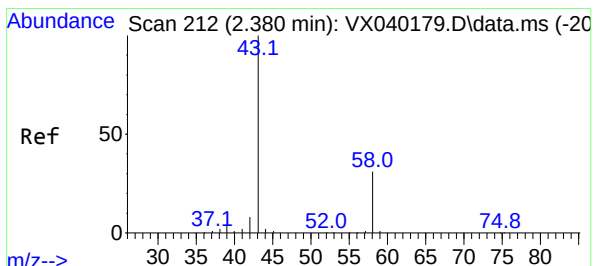
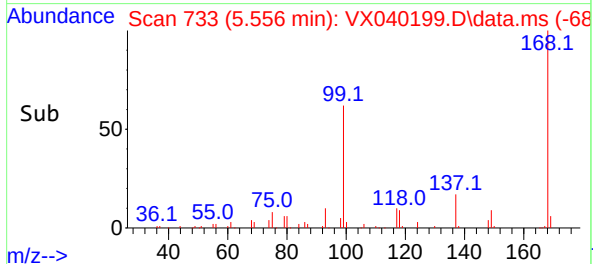
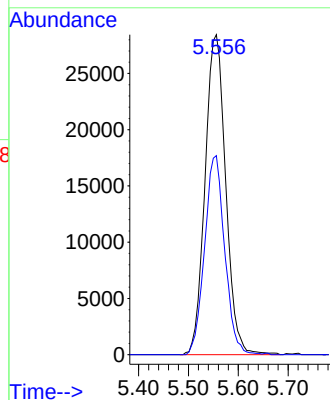
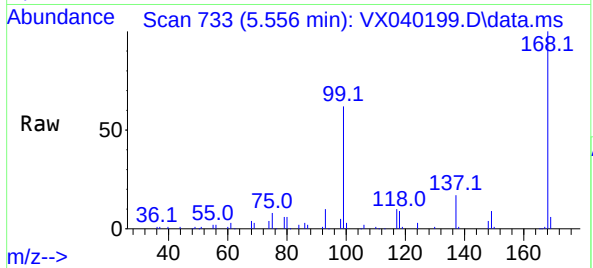




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

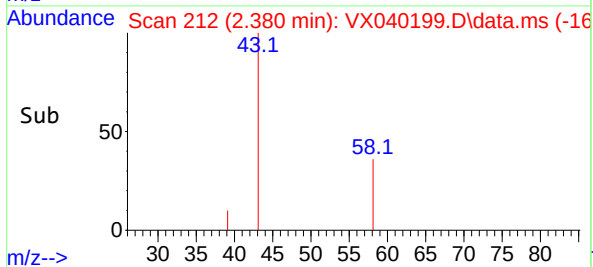
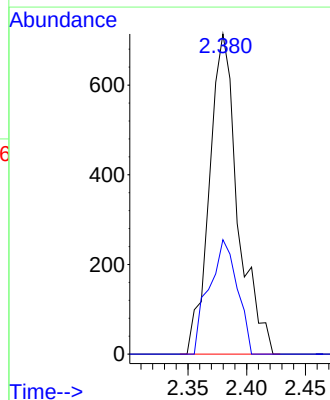
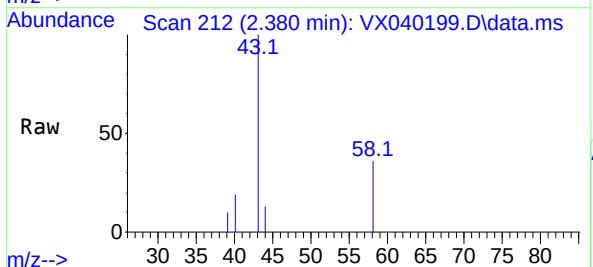
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240205

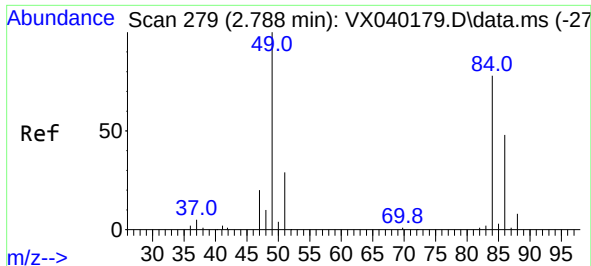
Tgt Ion:168 Resp: 81992
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#16
Acetone
Concen: 2.409 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 35.7 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040199.D

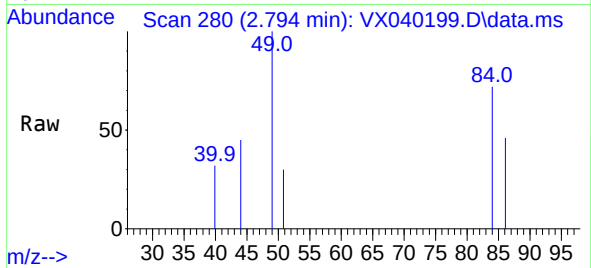
Acq: 12 Feb 2024 15:05

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240205



Tgt Ion: 84 Resp: 350

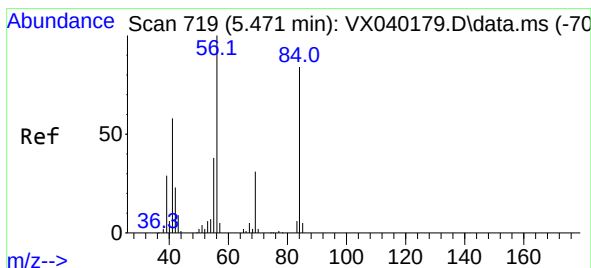
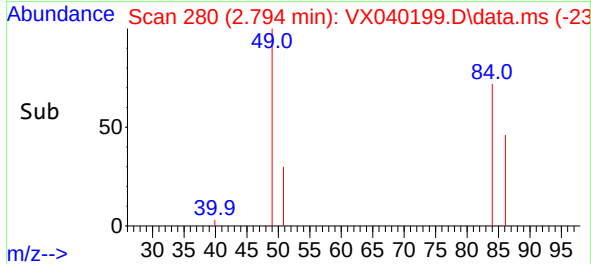
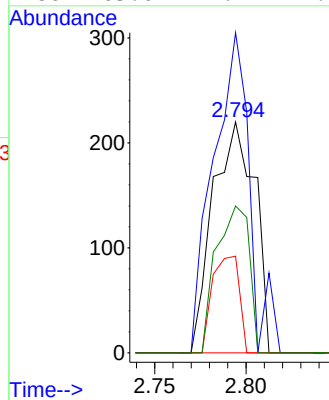
Ion Ratio Lower Upper

84 100

49 138.6 103.6 155.4

51 41.8 33.8 50.6

86 63.6 49.4 74.0



#31

Cyclohexane

Concen: 1.201 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040199.D

Acq: 12 Feb 2024 15:05

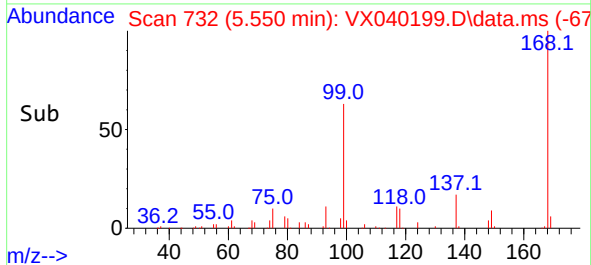
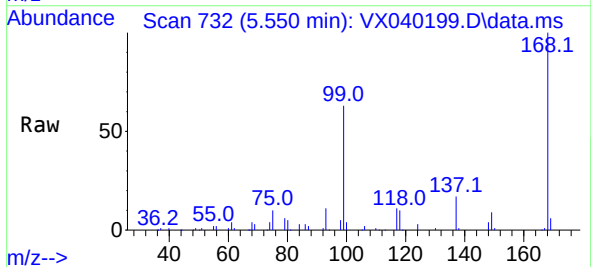
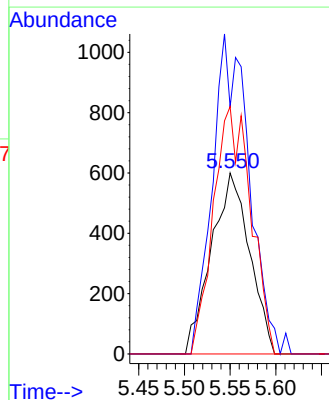
Tgt Ion: 56 Resp: 1747

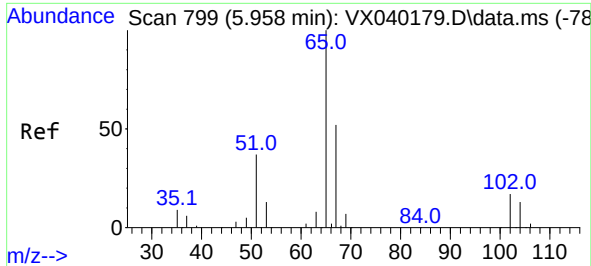
Ion Ratio Lower Upper

56 100

69 136.5 23.4 35.2#

84 136.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.512 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040199.D

Acq: 12 Feb 2024 15:05

Instrument :

MSVOA_X

ClientSampleId :

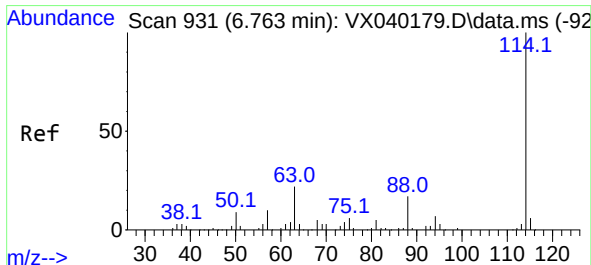
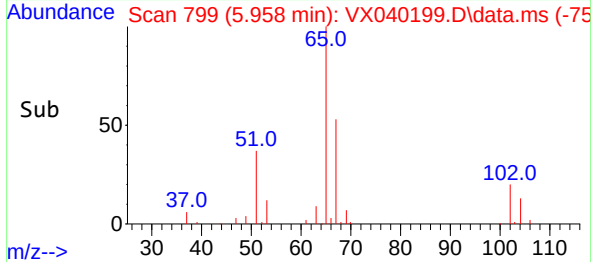
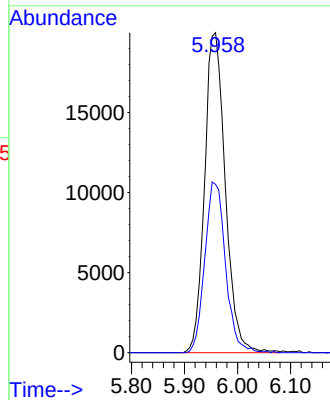
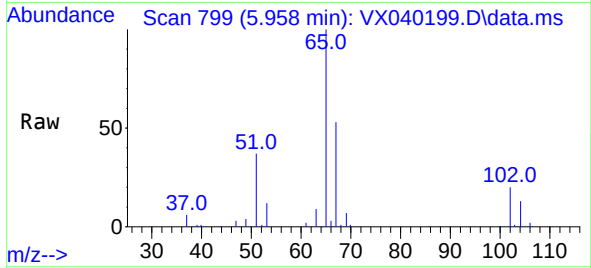
BP-VPB-195-TB-20240205

Tgt Ion: 65 Resp: 54296

Ion Ratio Lower Upper

65 100

67 53.4 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: VX040199.D

Acq: 12 Feb 2024 15:05

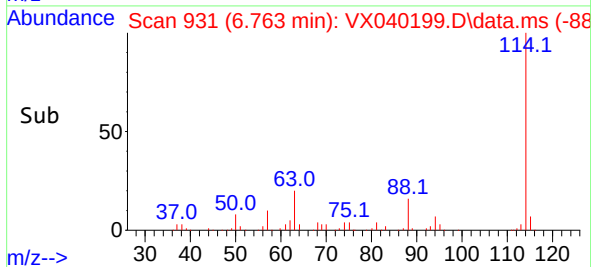
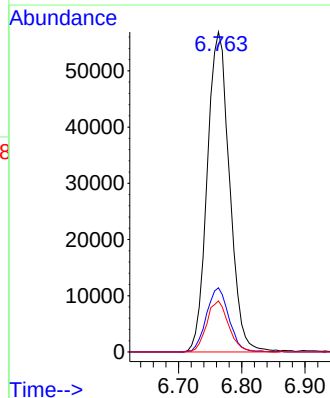
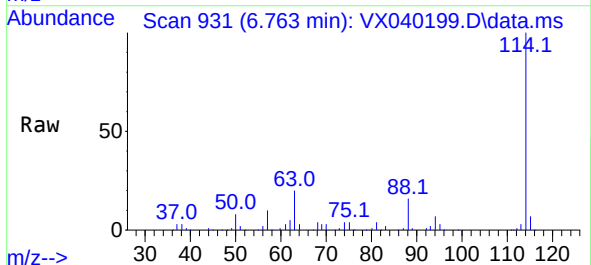
Tgt Ion: 114 Resp: 139194

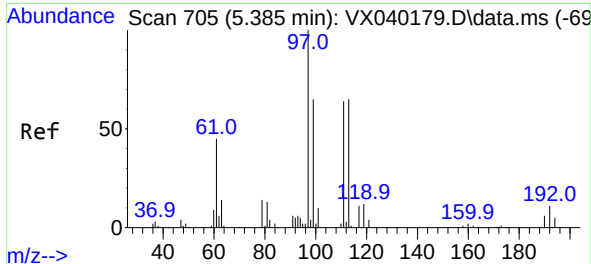
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.650 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040199.D

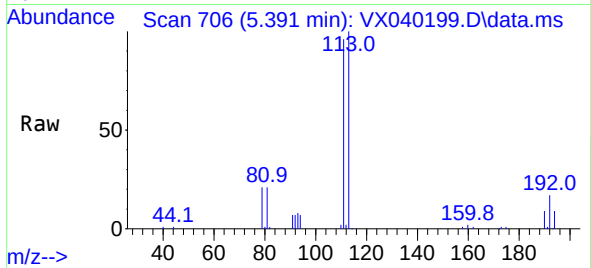
Acq: 12 Feb 2024 15:05

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240205



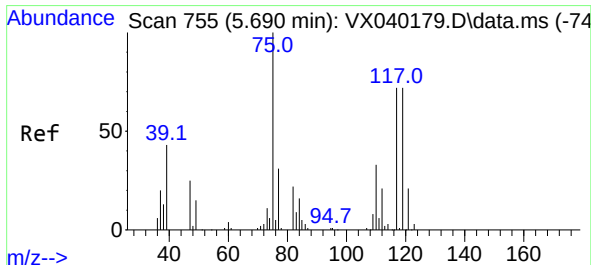
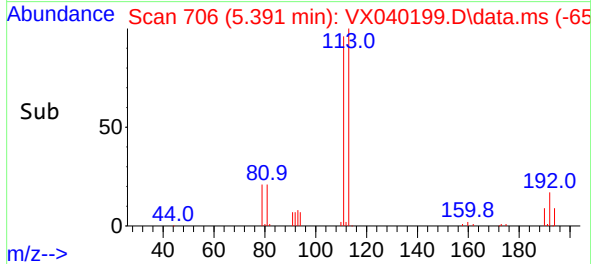
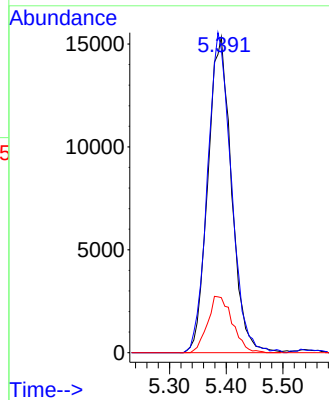
Tgt Ion:113 Resp: 44374

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 18.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.788 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX040199.D

Acq: 12 Feb 2024 15:05

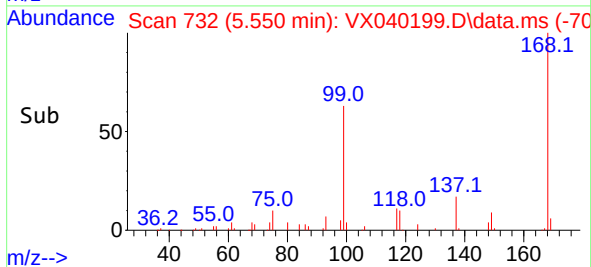
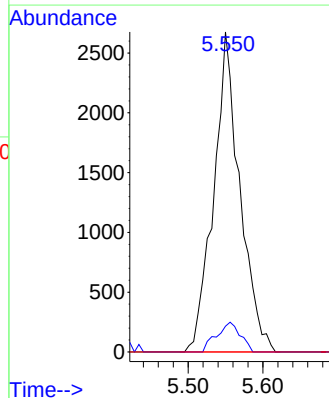
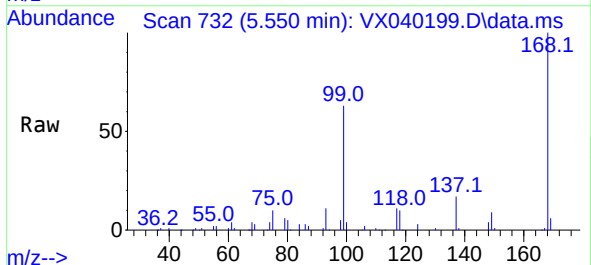
Tgt Ion: 75 Resp: 6520

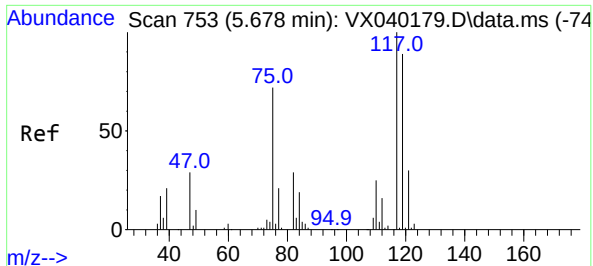
Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

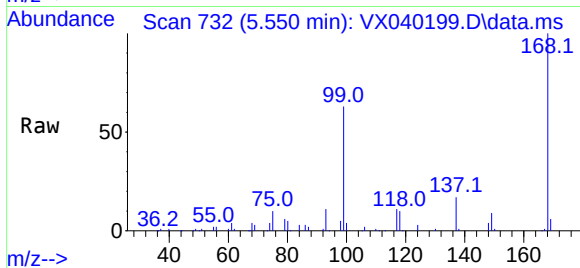
77 0.0 24.7 37.1#



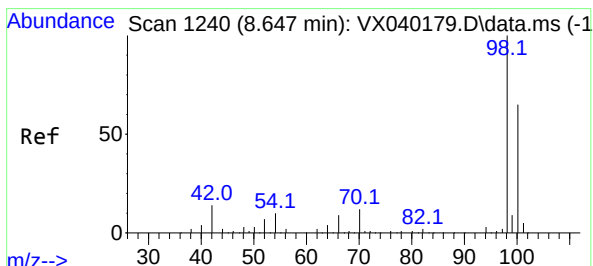
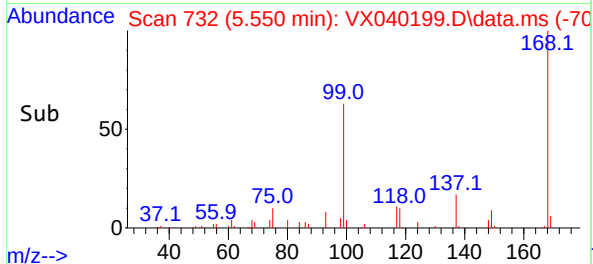
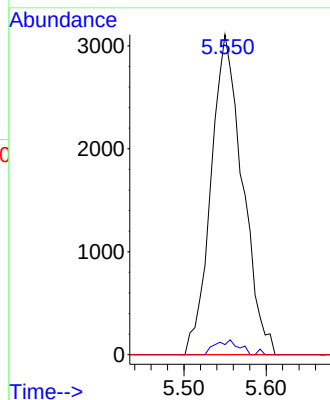


#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240205

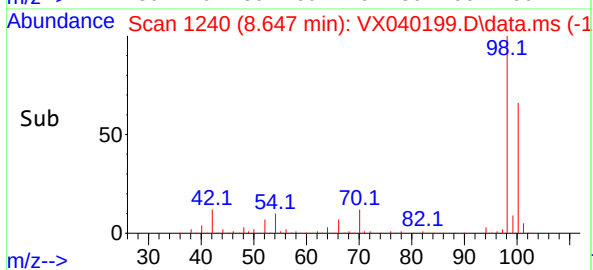
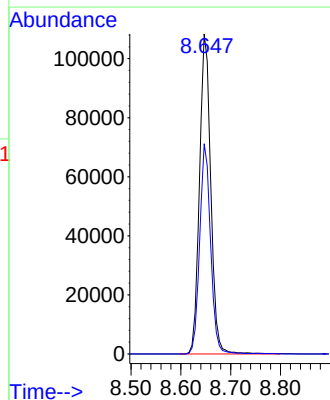
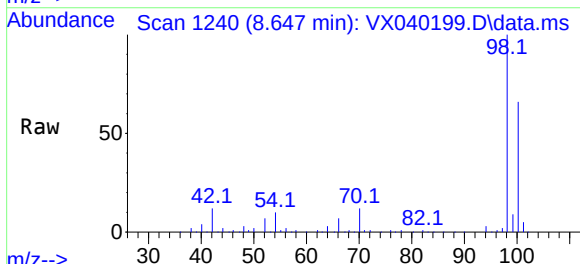


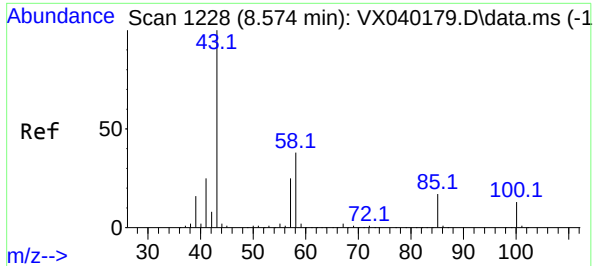
Tgt Ion:117 Resp: 8293
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.665 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Tgt Ion: 98 Resp: 169681
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

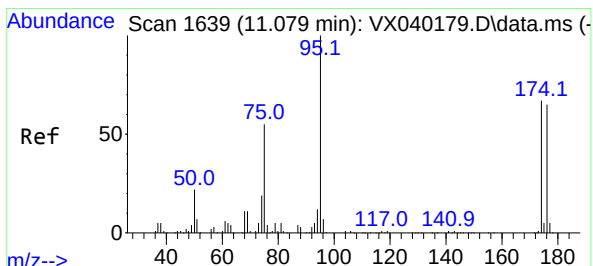
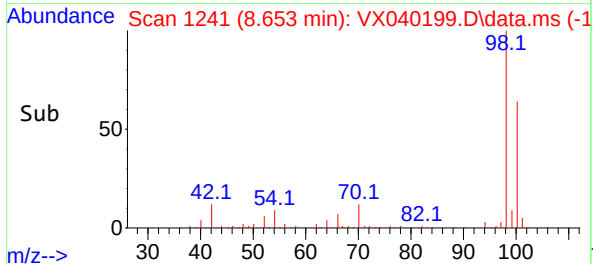
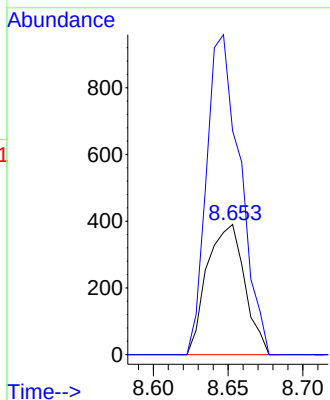
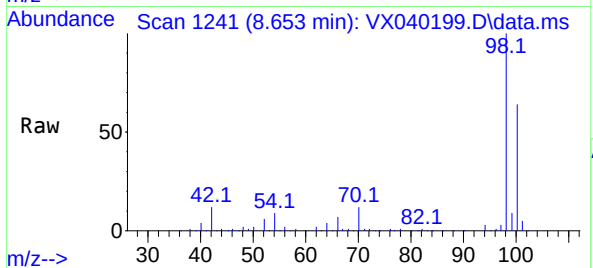




#51
4-Methyl-2-Pentanone
Concen: 0.421 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

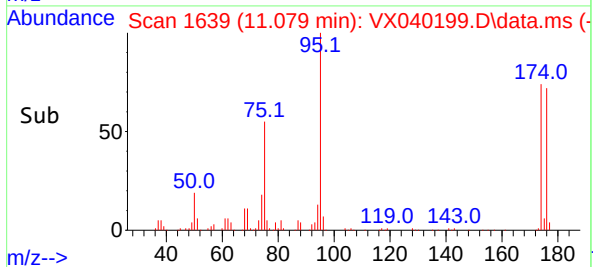
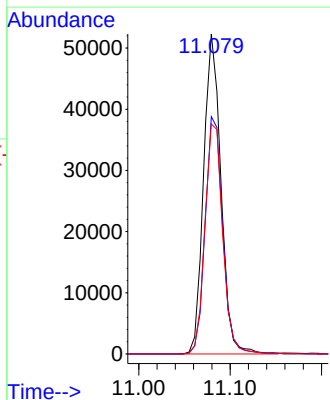
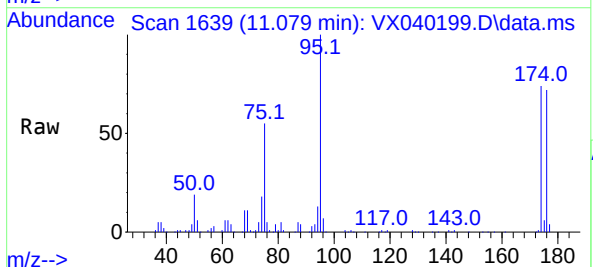
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240205

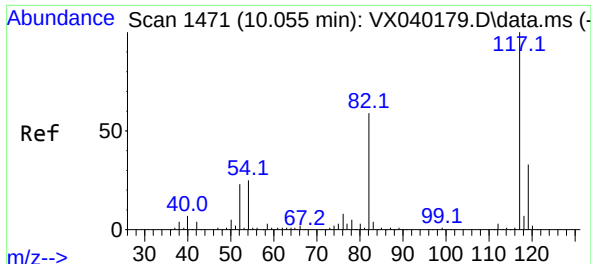
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 220.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.322 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Tgt Ion: 95 Resp: 68694
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 74.1 0.0 131.0

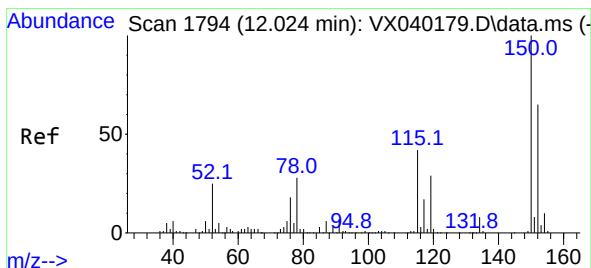
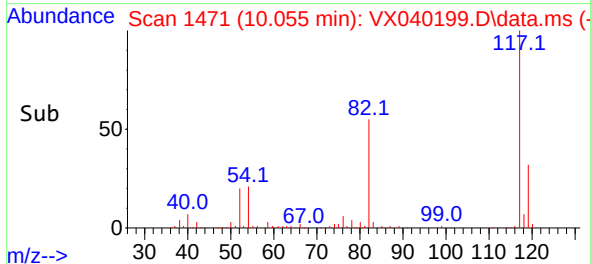
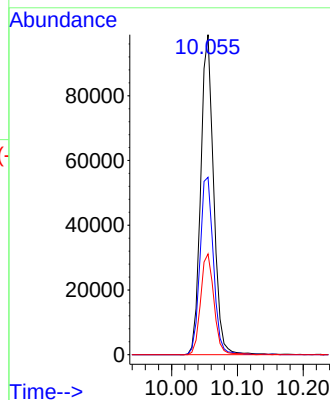
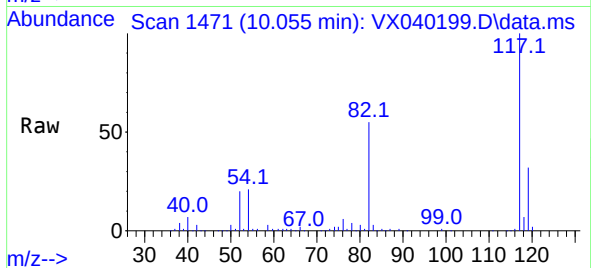




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

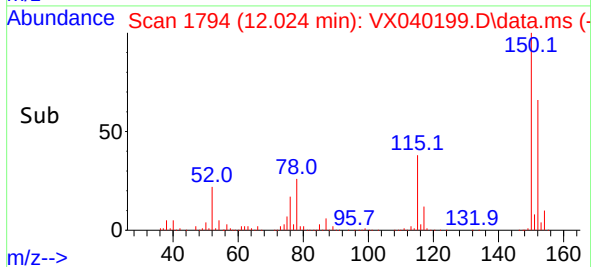
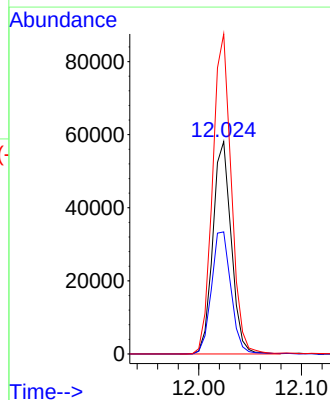
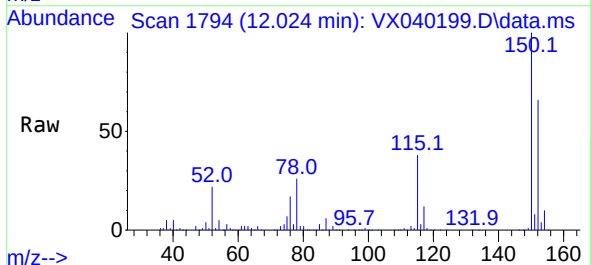
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240205

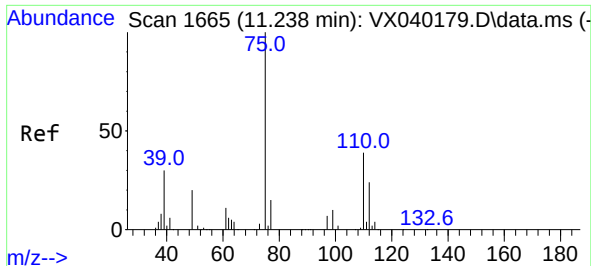
Tgt Ion:117 Resp: 135029
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Tgt Ion:152 Resp: 72156
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 153.4 0.0 345.0

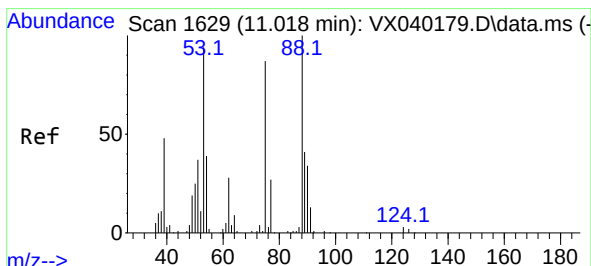
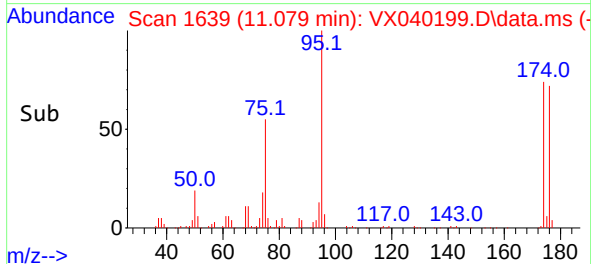
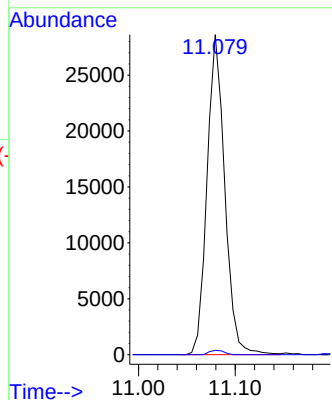
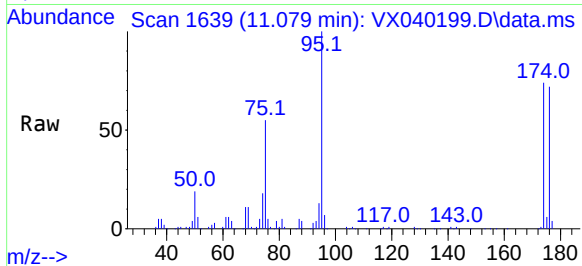




#76
1,2,3-Trichloropropane
Concen: 24.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240205

Tgt Ion: 75 Resp: 36516
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040199.D
Acq: 12 Feb 2024 15:05

Tgt Ion: 75 Resp: 36516
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

