

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040202.D
 Acq On : 12 Feb 2024 16:14
 Operator : JC/MD
 Sample : P1438-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-738-740

Quant Time: Feb 12 17:21:53 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)

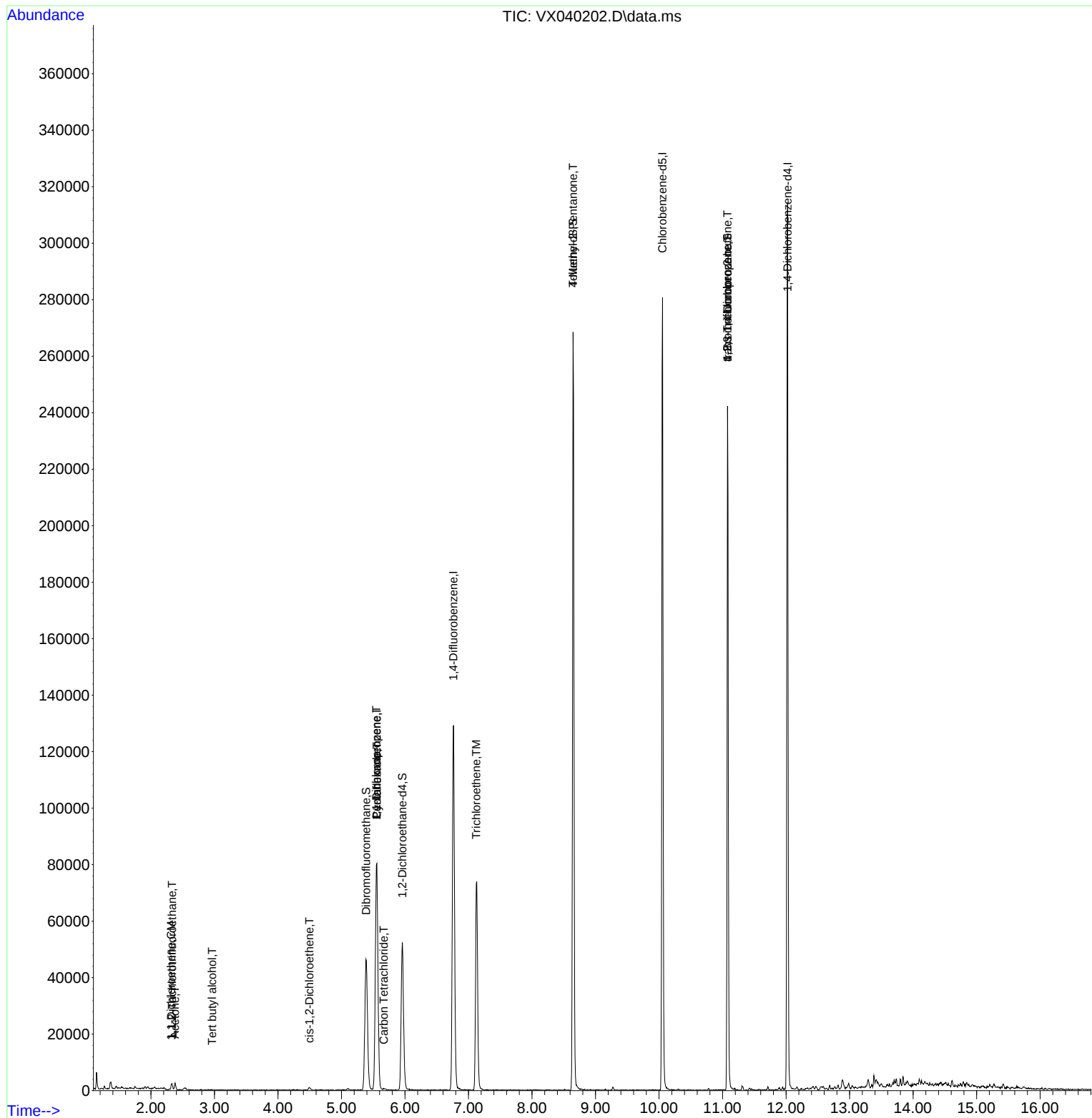
Internal Standards						
1) Pentafluorobenzene	5.556	168	77305	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50905	44.263	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.520%
35) Dibromofluoromethane	5.385	113	40041	43.686	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	8.647	98	156755	45.720	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.440%#
62) 4-Bromofluorobenzene	11.079	95	63718	45.568	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.140%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	829	1.011	ug/l	95
11) Tert butyl alcohol	2.965	59	85	0.379	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	392	0.497	ug/l #	63
16) Acetone	2.380	43	2353	4.982	ug/l	97
20) Methylene Chloride	2.794	84	52	Below Cal	#	5
27) cis-1,2-Dichloroethene	4.495	96	562	0.548	ug/l	60
31) Cyclohexane	5.556	56	1811	1.320	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	6204	4.832	ug/l #	50
38) Carbon Tetrachloride	5.665	117	312	0.256	ug/l #	57
44) Trichloroethene	7.123	130	28192	28.465	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	732	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34322	25.682	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34322	70.547	ug/l #	5

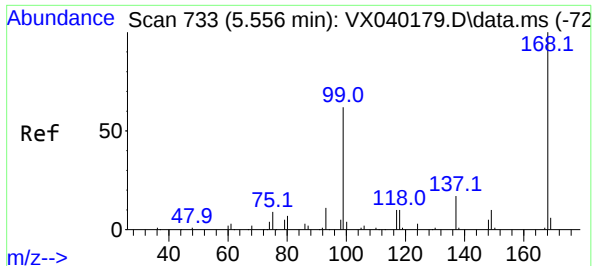
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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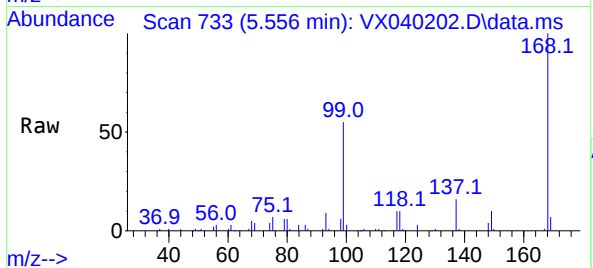
Quant Time: Feb 12 17:21:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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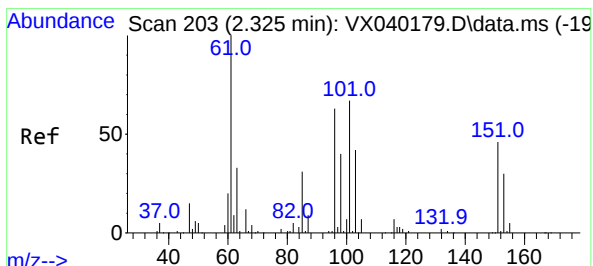
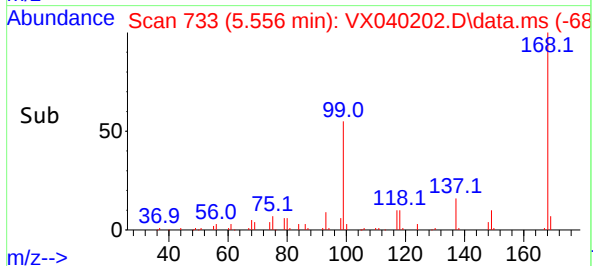
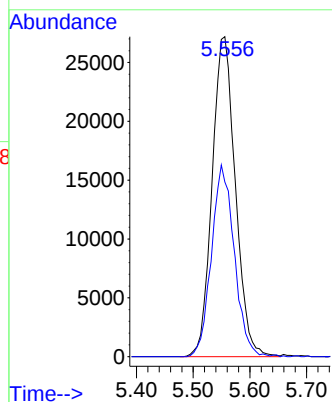


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-738-740

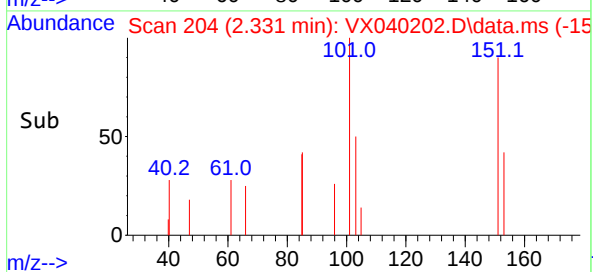
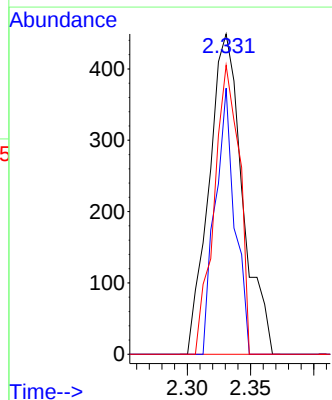
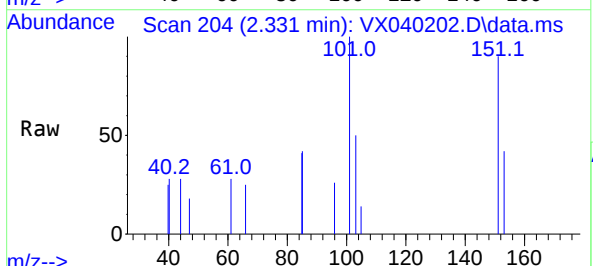


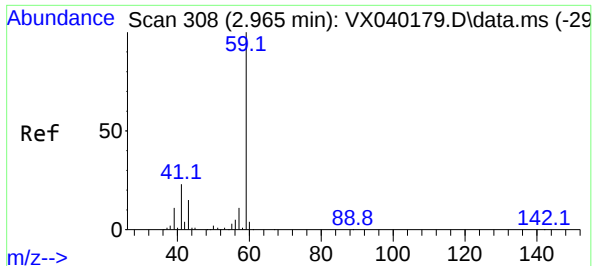
Tgt Ion:168 Resp: 77305
Ion Ratio Lower Upper
168 100
99 54.6 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.011 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

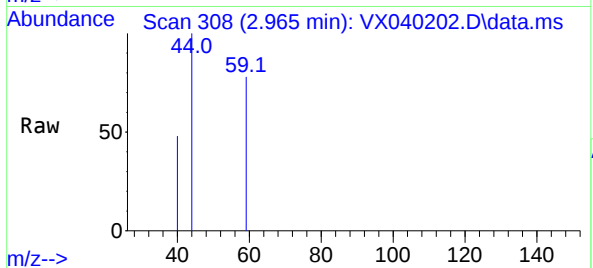
Tgt Ion:101 Resp: 829
Ion Ratio Lower Upper
101 100
85 48.6 37.0 55.6
151 67.7 58.6 87.8



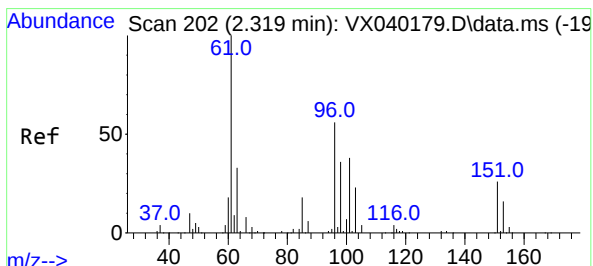
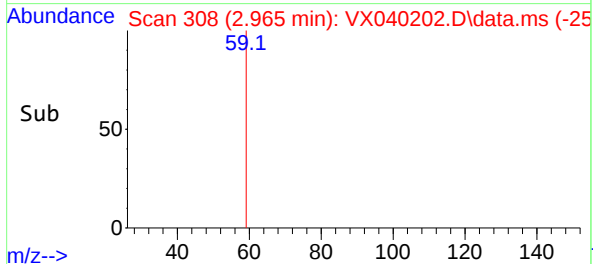
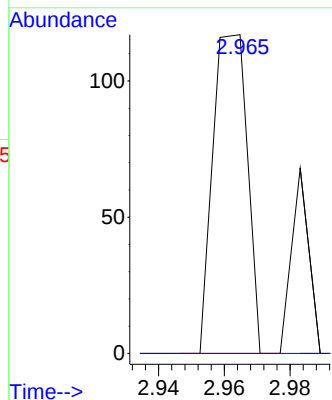


#11
Tert butyl alcohol
Concen: 0.379 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-738-740

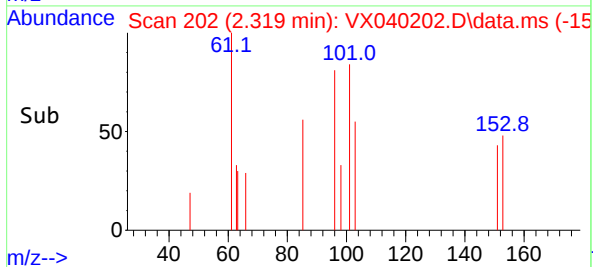
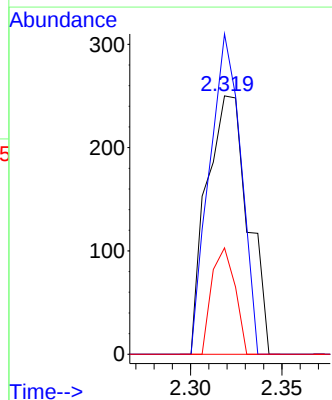
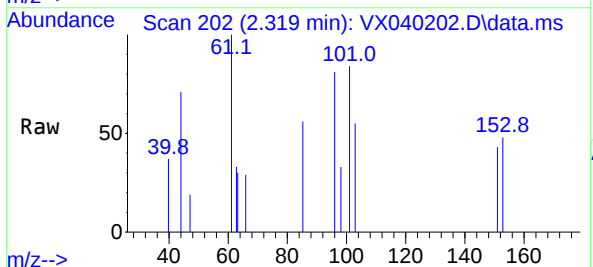


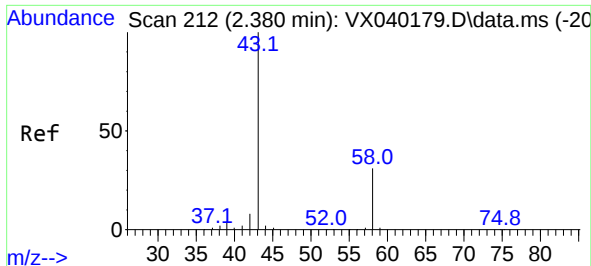
Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.497 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

Tgt Ion: 96 Resp: 392
Ion Ratio Lower Upper
96 100
61 124.0 144.6 216.8#
98 41.2 50.4 75.6#

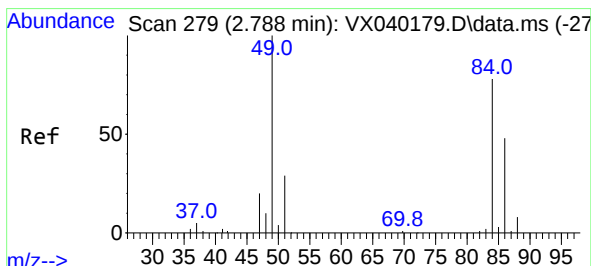
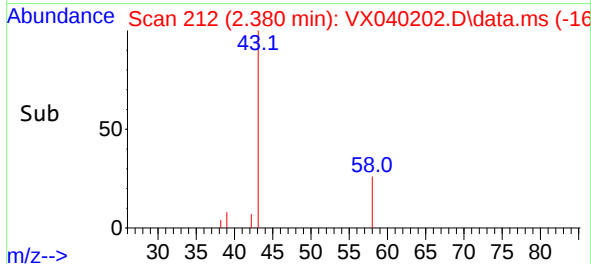
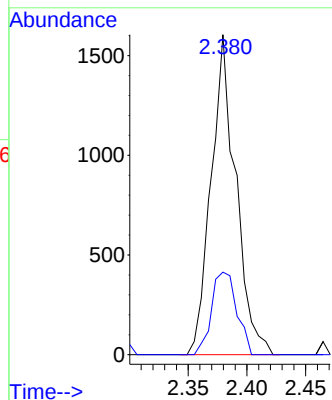
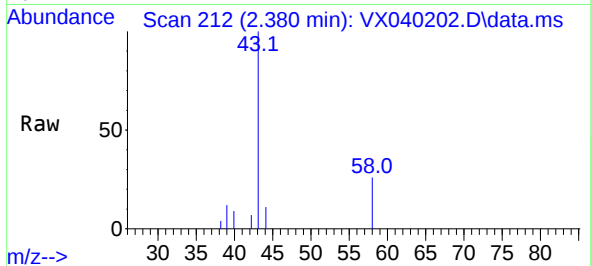




#16
Acetone
Concen: 4.982 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

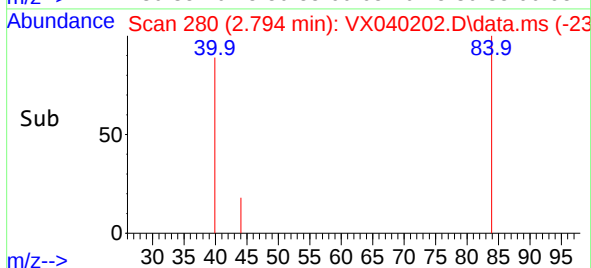
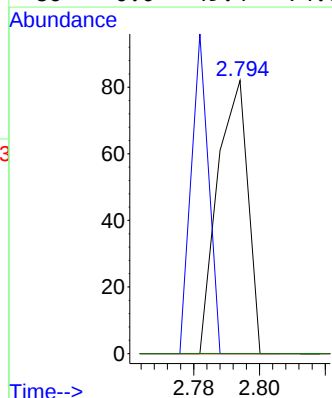
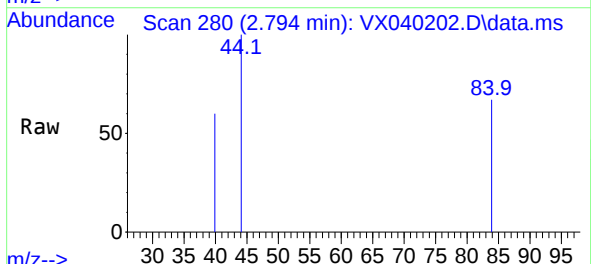
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-738-740

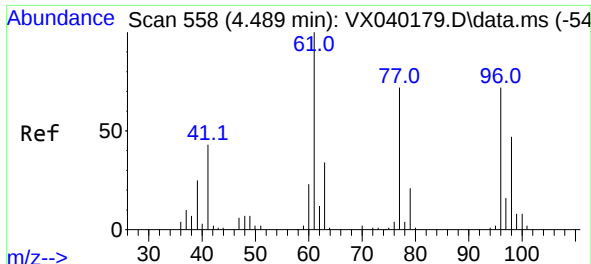
Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

Tgt Ion: 84 Resp: 52
Ion Ratio Lower Upper
84 100
49 0.0 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#





#27

cis-1,2-Dichloroethene

Concen: 0.548 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX040202.D

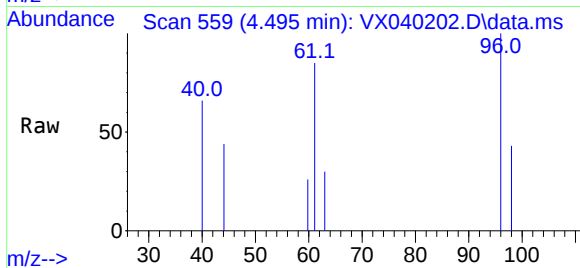
Acq: 12 Feb 2024 16:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-738-740



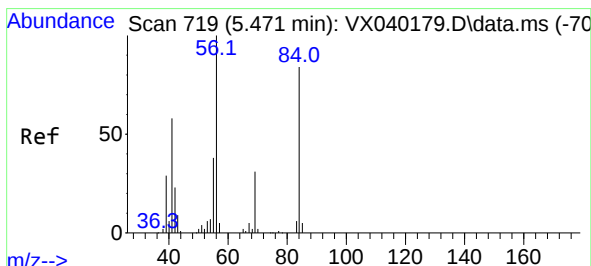
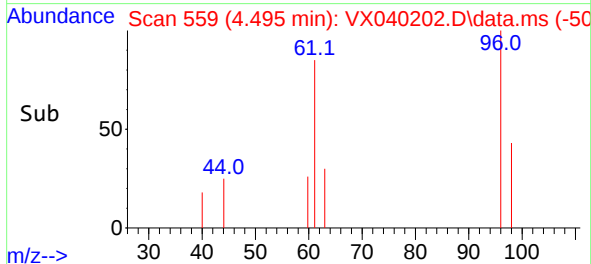
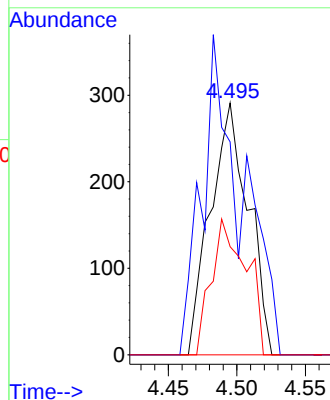
Tgt Ion: 96 Resp: 562

Ion Ratio Lower Upper

96 100

61 92.5 0.0 312.2

98 49.6 0.0 129.0



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX040202.D

Acq: 12 Feb 2024 16:14

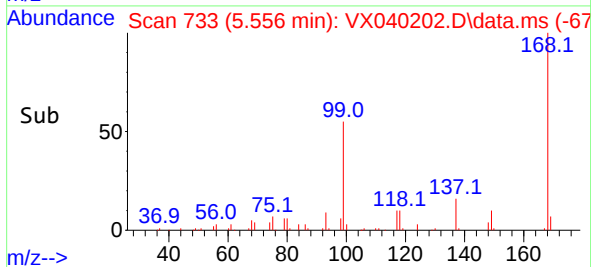
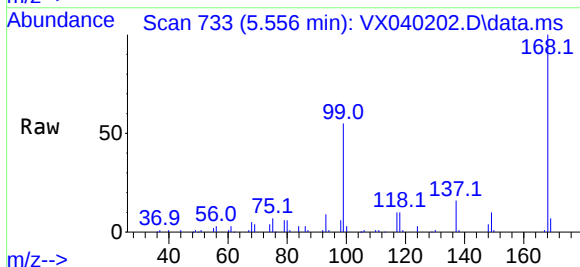
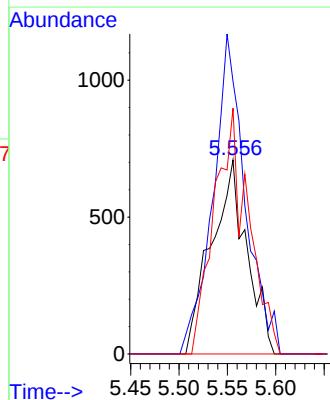
Tgt Ion: 56 Resp: 1811

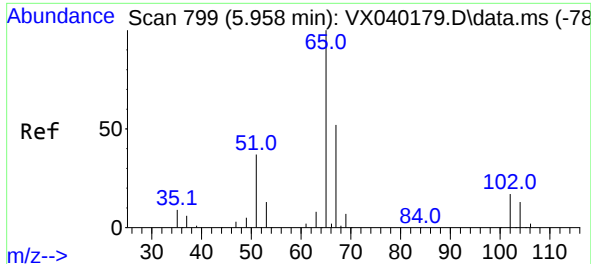
Ion Ratio Lower Upper

56 100

69 140.5 23.4 35.2#

84 126.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.263 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040202.D

Acq: 12 Feb 2024 16:14

Instrument :

MSVOA_X

ClientSampleId :

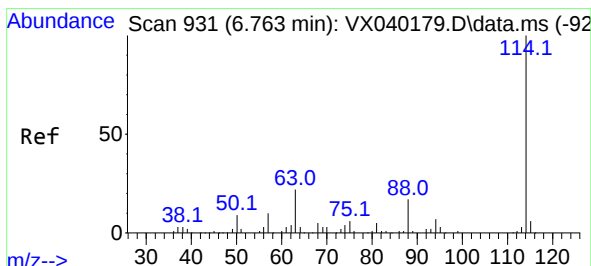
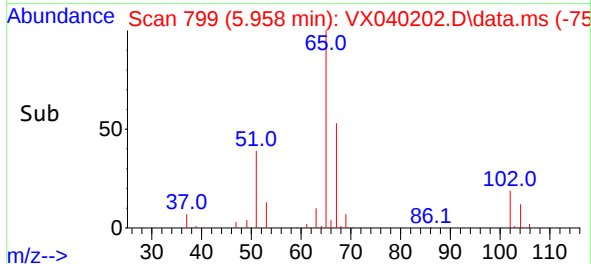
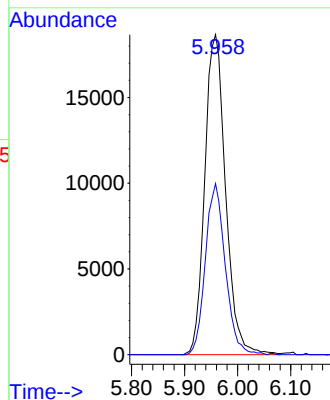
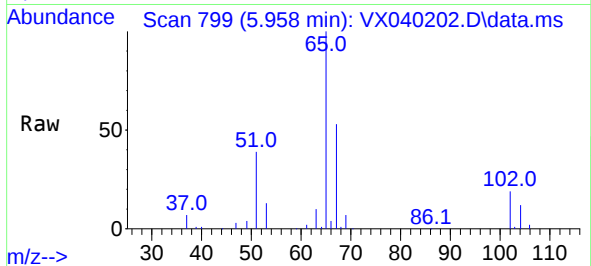
BP-VPB-191-GW-738-740

Tgt Ion: 65 Resp: 50905

Ion Ratio Lower Upper

65 100

67 51.2 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: VX040202.D

Acq: 12 Feb 2024 16:14

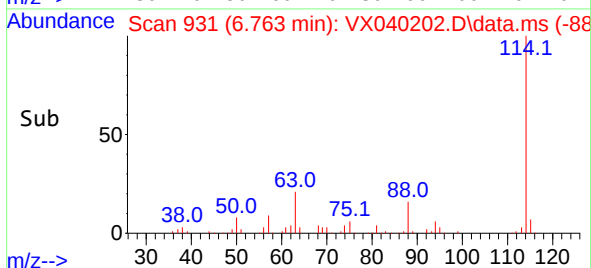
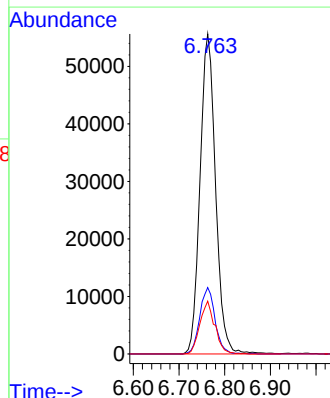
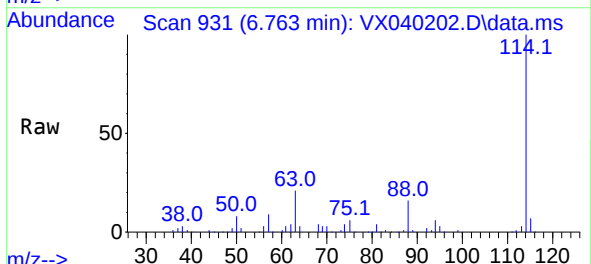
Tgt Ion:114 Resp: 131248

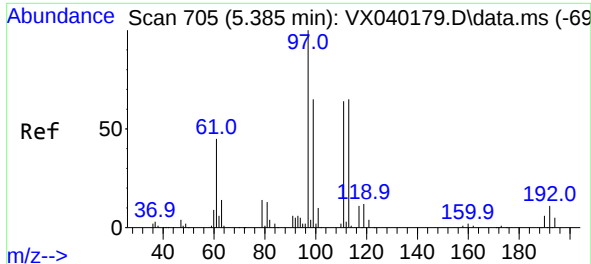
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.686 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040202.D

Acq: 12 Feb 2024 16:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-738-740

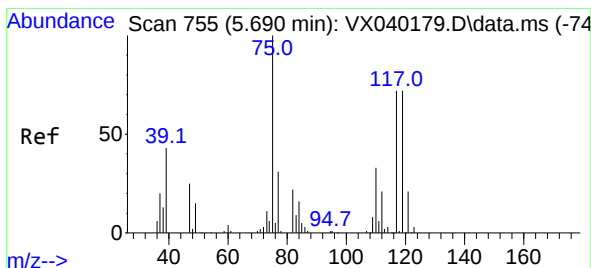
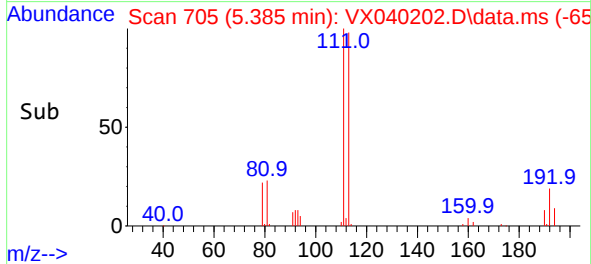
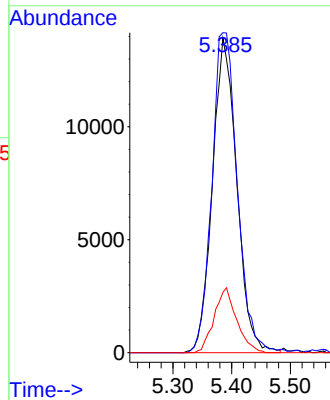
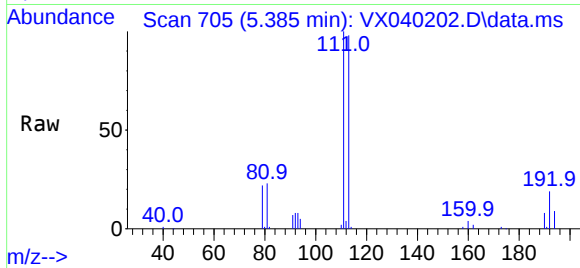
Tgt Ion:113 Resp: 40041

Ion Ratio Lower Upper

113 100

111 106.4 82.9 124.3

192 19.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.832 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX040202.D

Acq: 12 Feb 2024 16:14

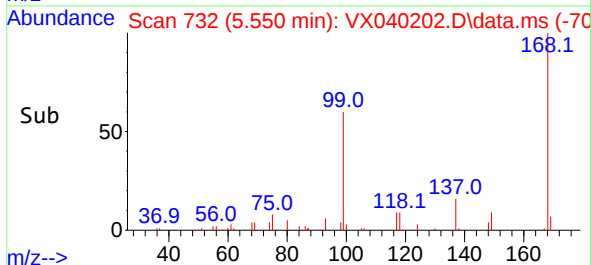
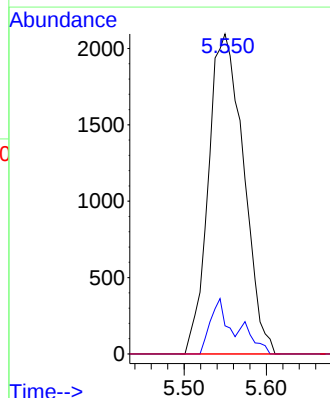
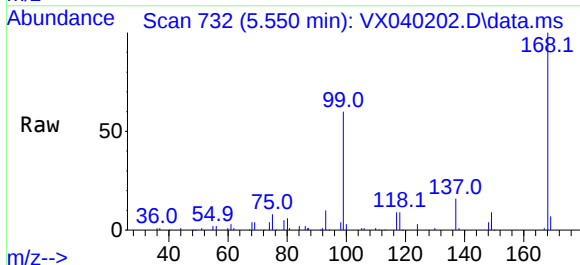
Tgt Ion: 75 Resp: 6204

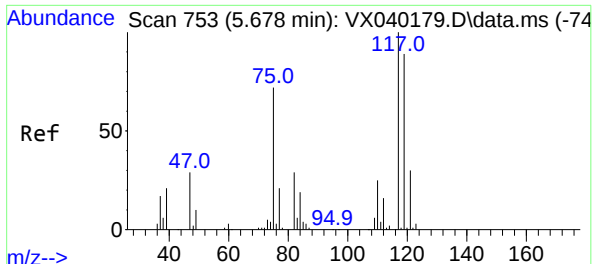
Ion Ratio Lower Upper

75 100

110 8.4 17.0 50.9#

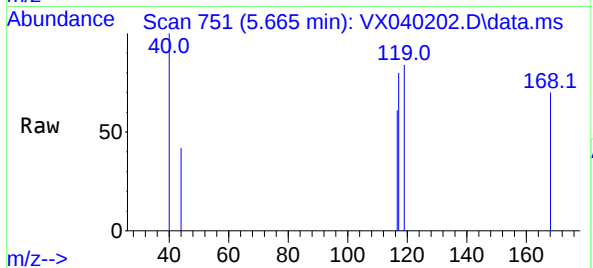
77 0.0 24.7 37.1#



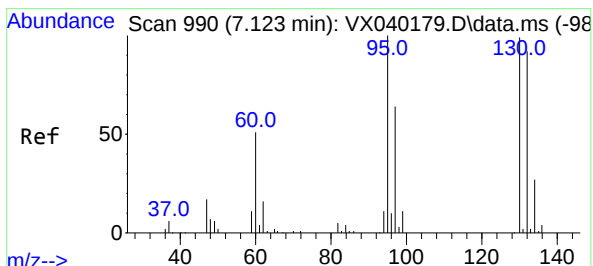
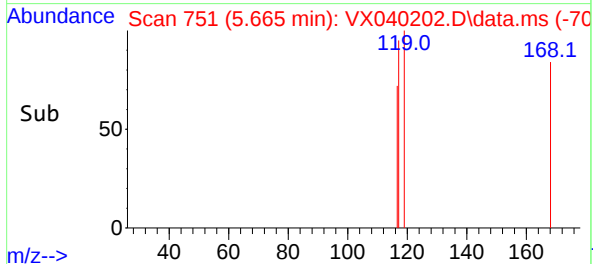
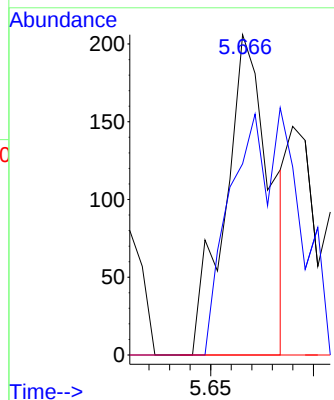


#38
Carbon Tetrachloride
Concen: 0.256 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

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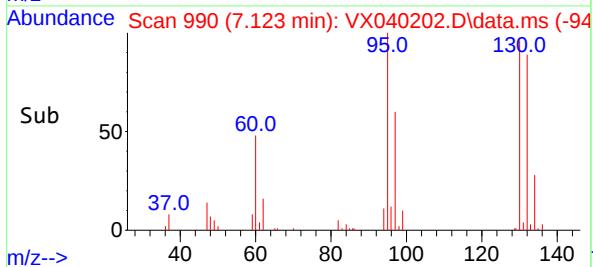
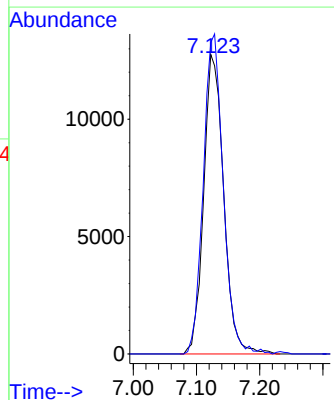
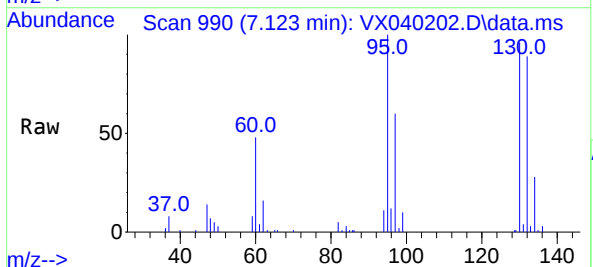


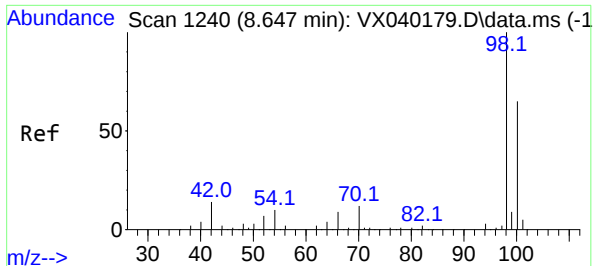
Tgt Ion:117 Resp: 312
Ion Ratio Lower Upper
117 100
119 59.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 28.465 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

Tgt Ion:130 Resp: 28192
Ion Ratio Lower Upper
130 100
95 104.0 0.0 204.4





#50

Toluene-d8

Concen: 45.720 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040202.D

Acq: 12 Feb 2024 16:14

Instrument :

MSVOA_X

ClientSampleId :

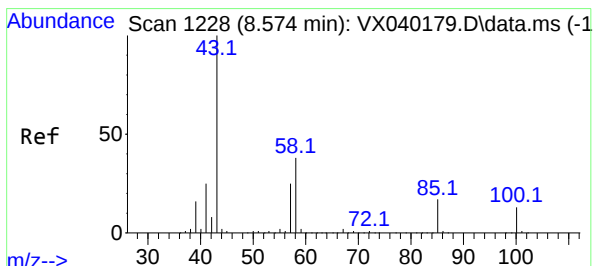
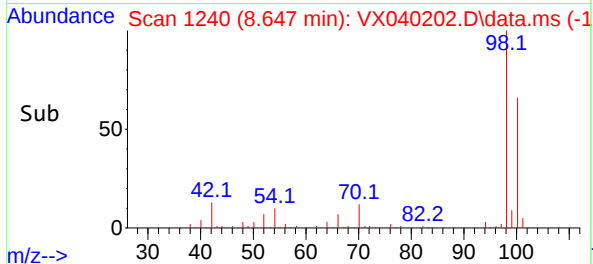
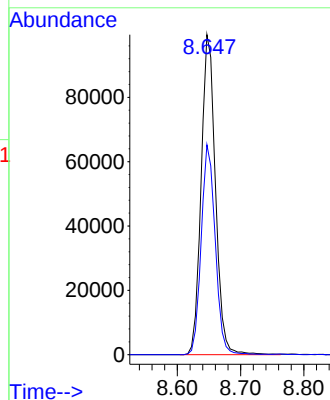
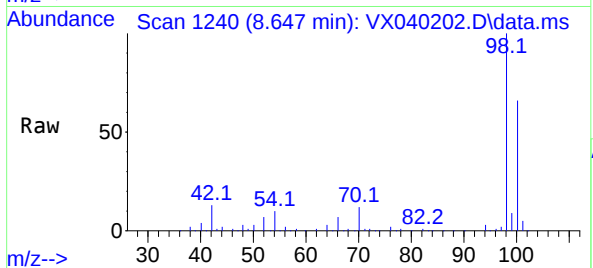
BP-VPB-191-GW-738-740

Tgt Ion: 98 Resp: 156755

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX040202.D

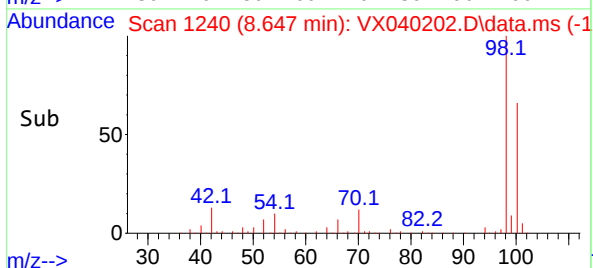
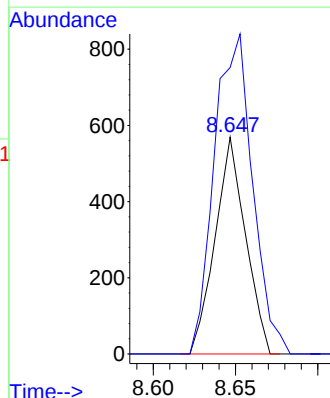
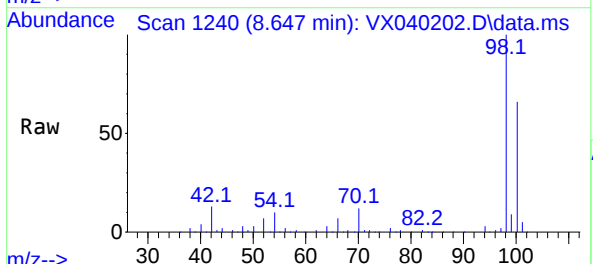
Acq: 12 Feb 2024 16:14

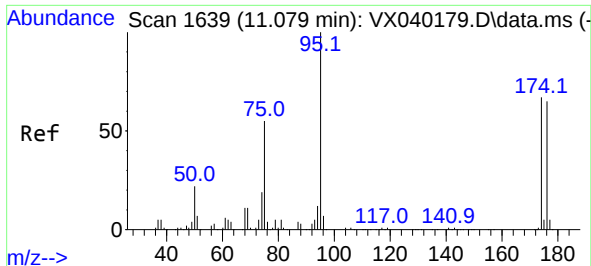
Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

58 185.5 30.4 45.6#

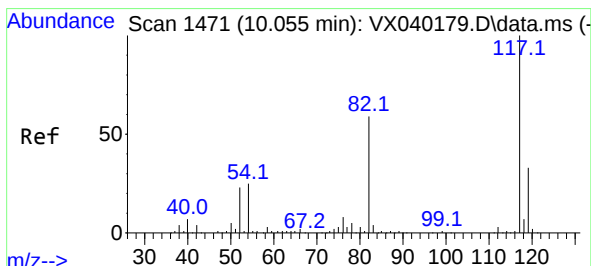
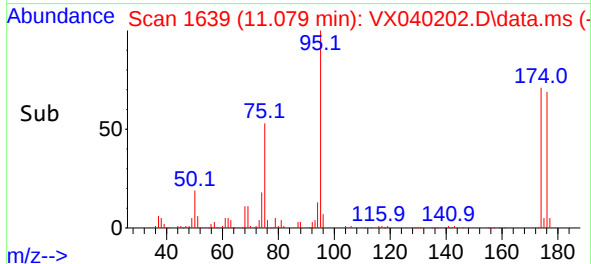
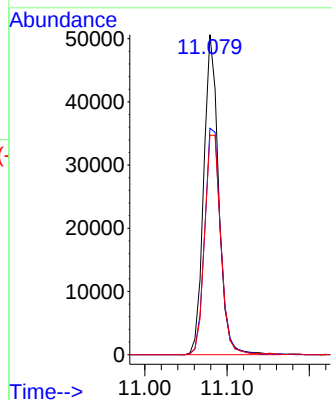
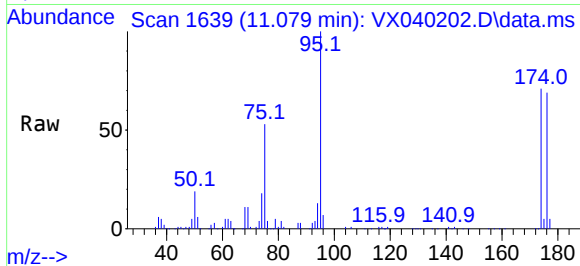




#62
4-Bromofluorobenzene
Concen: 45.568 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

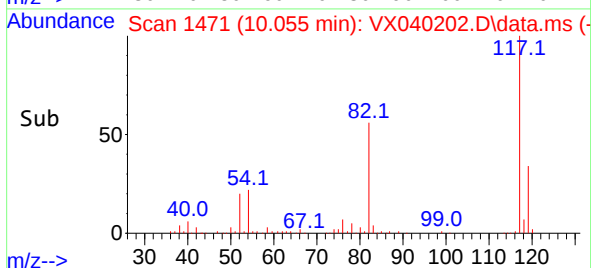
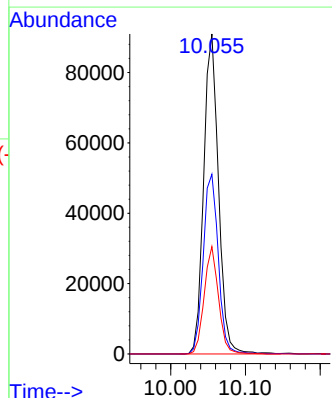
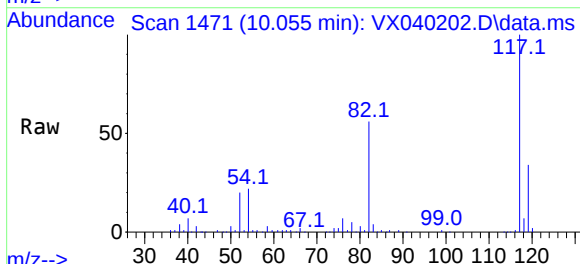
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-738-740

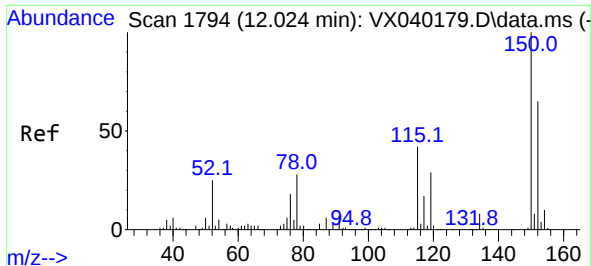
Tgt Ion: 95 Resp: 63718
Ion Ratio Lower Upper
95 100
174 75.8 0.0 135.6
176 74.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

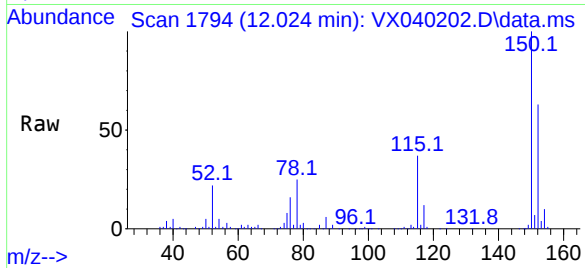
Tgt Ion: 117 Resp: 125075
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 33.6 25.5 38.3



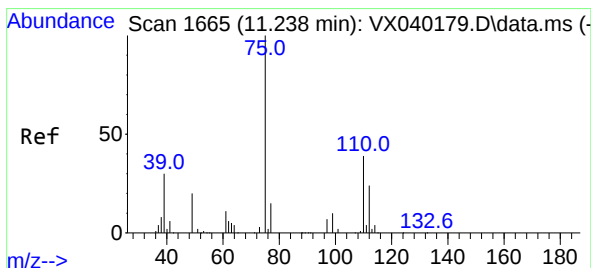
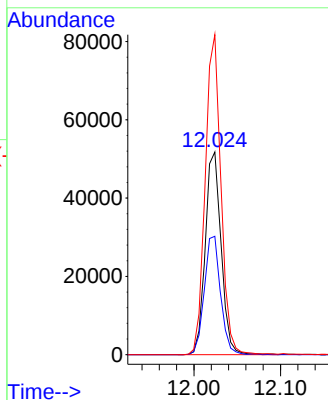
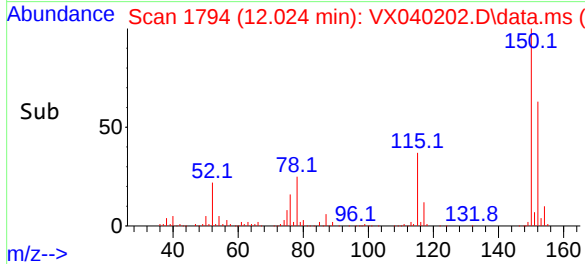


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-738-740

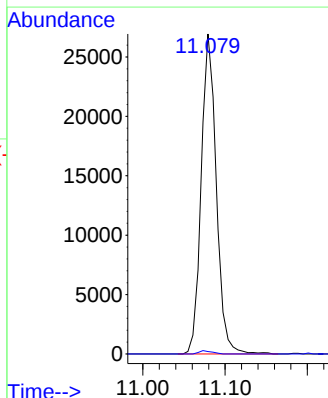
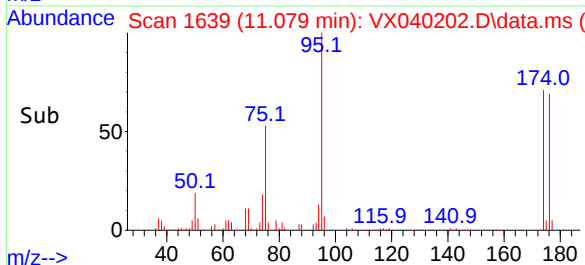
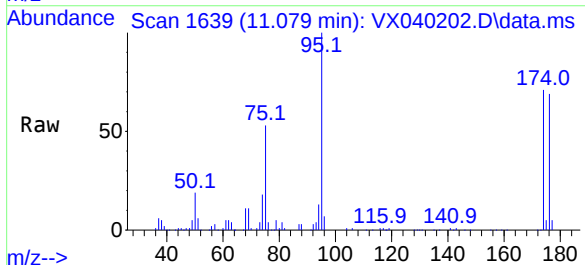


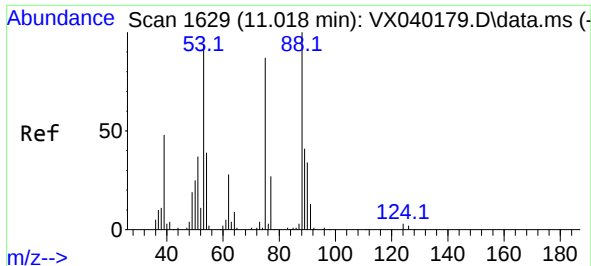
Tgt Ion:152 Resp: 65996
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.9
150 156.2 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.682 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

Tgt Ion: 75 Resp: 34322
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.547 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-738-740

Tgt Ion: 75 Resp: 34322
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

