

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)

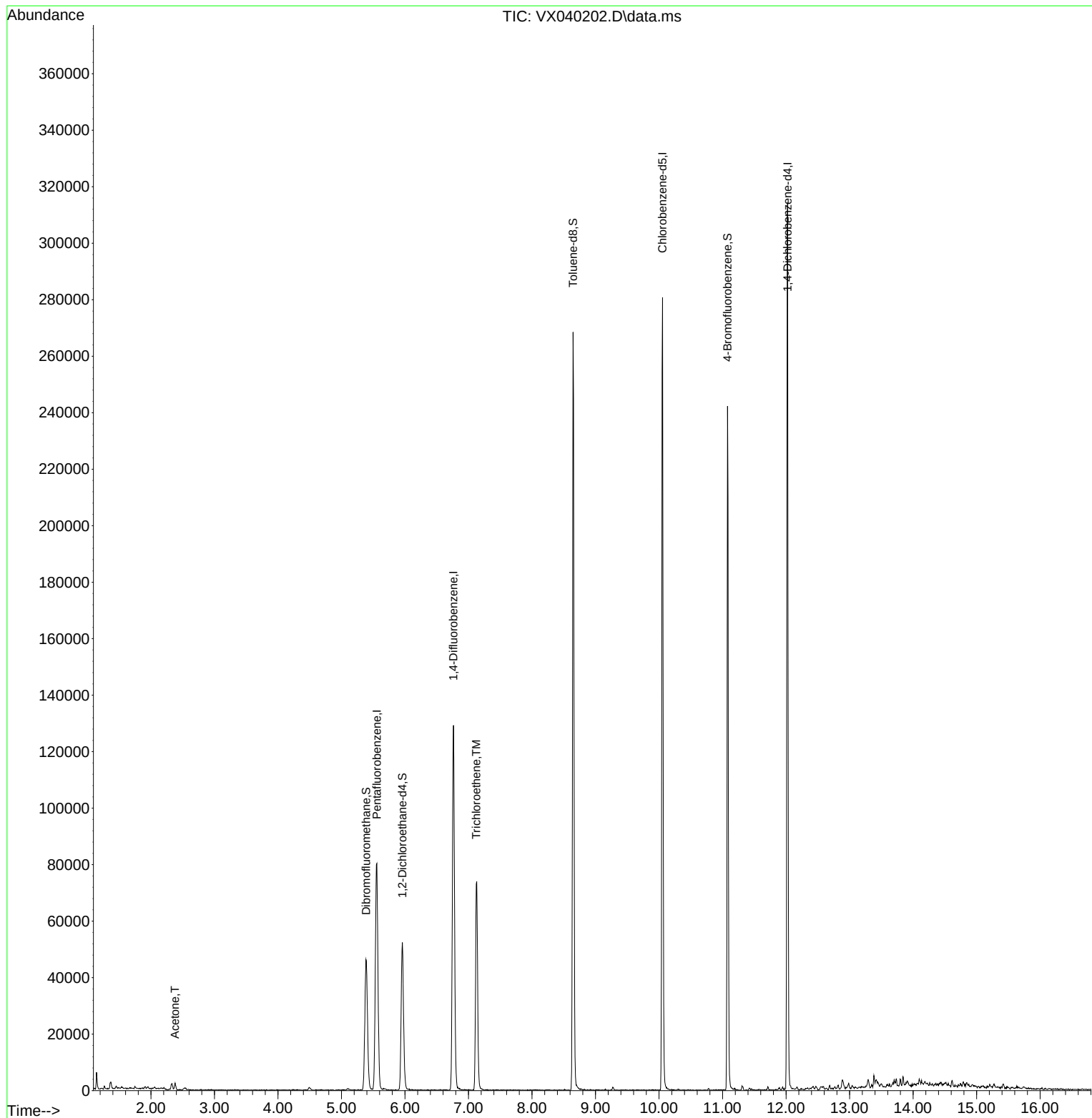
Internal Standards						
1) Pentafluorobenzene	5.556	168	77305	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	2.380	43	2353	4.982	ug/l	97
44) Trichloroethene	7.123	130	28192	28.465	ug/l	98

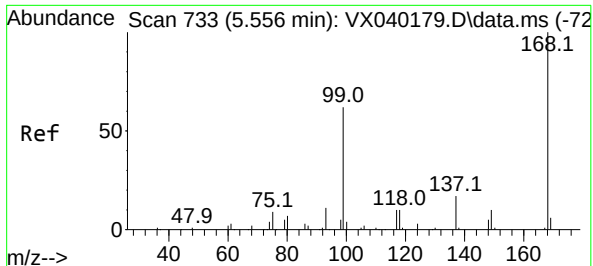
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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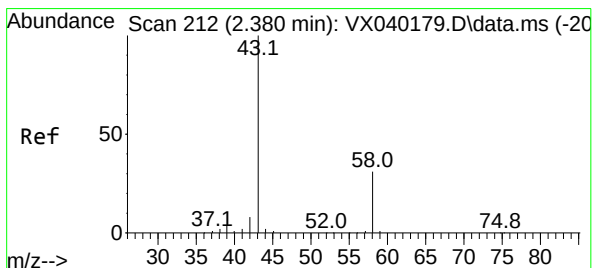
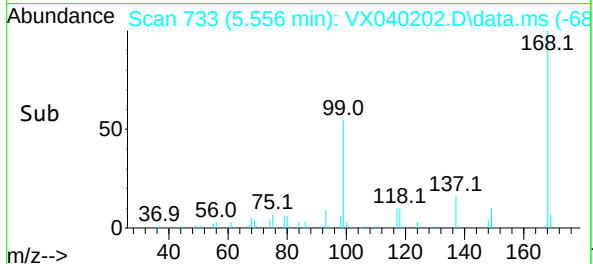
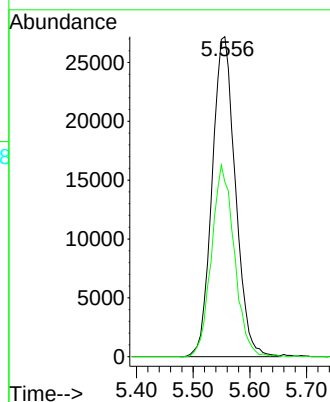
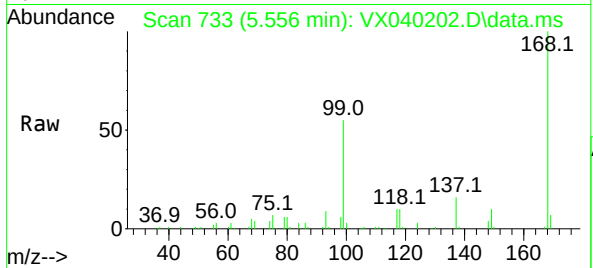




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

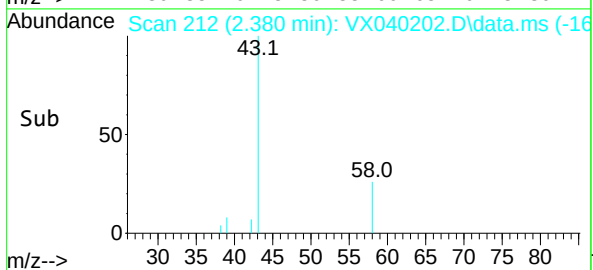
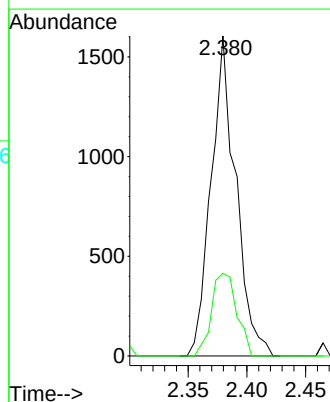
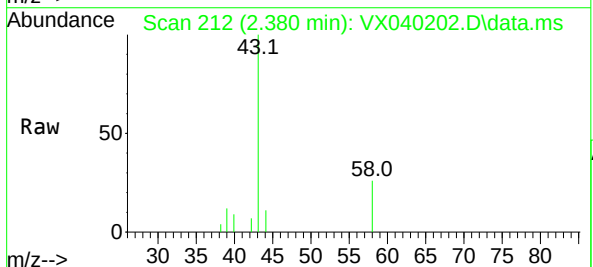
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-738-740

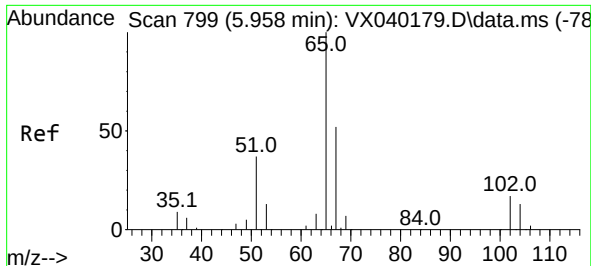
Tgt Ion:168 Resp: 77305
Ion Ratio Lower Upper
168 100
99 54.6 56.6 85.0#



#16
Acetone
Concen: 4.982 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

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





#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 :

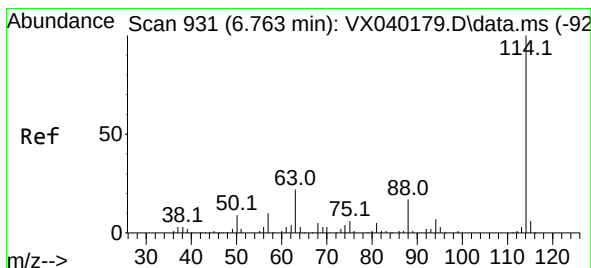
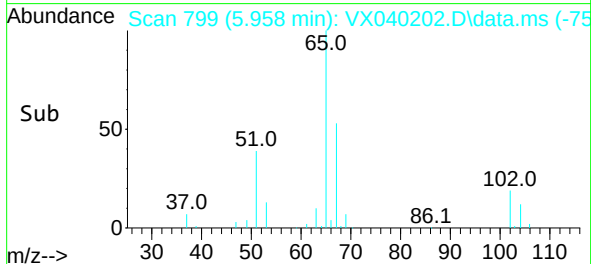
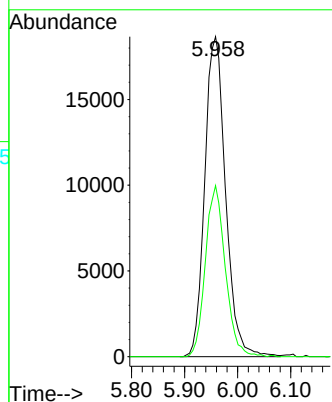
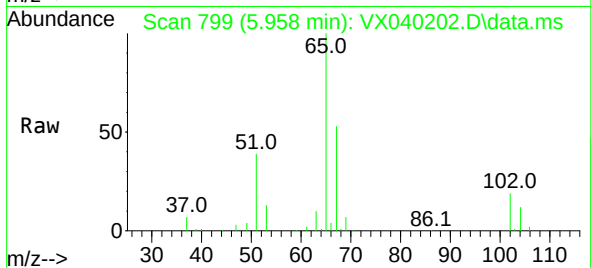
BP-VPB-191-GW-738-740

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

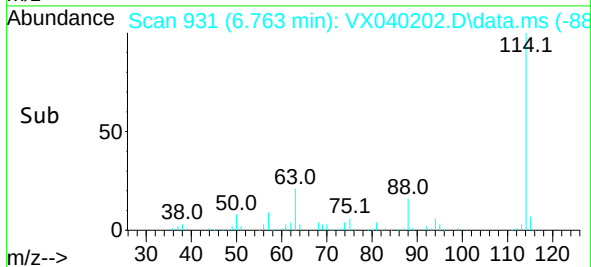
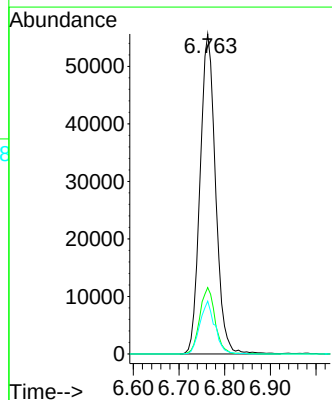
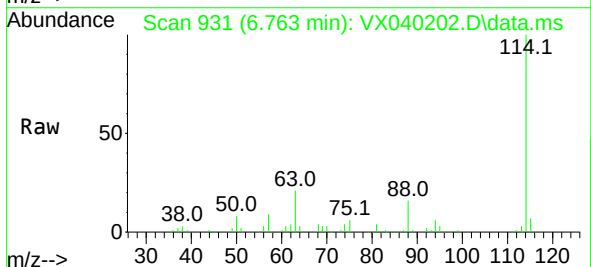
Tgt Ion: 114 Resp: 131248

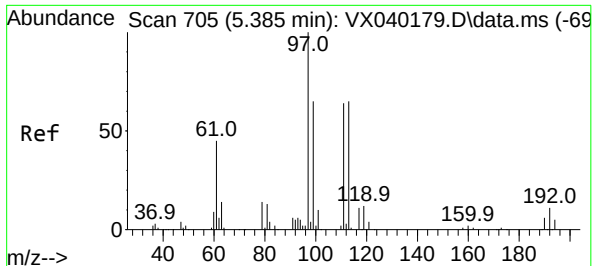
Ion Ratio Lower Upper

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

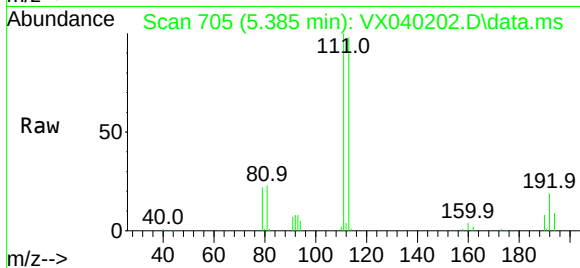
Acq: 12 Feb 2024 16:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-738-740



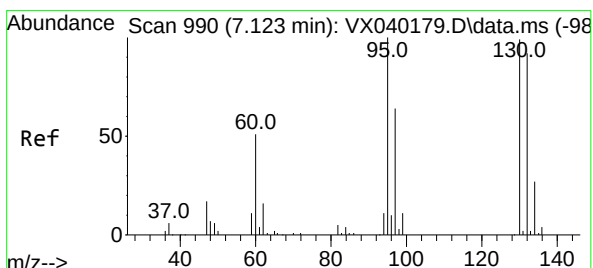
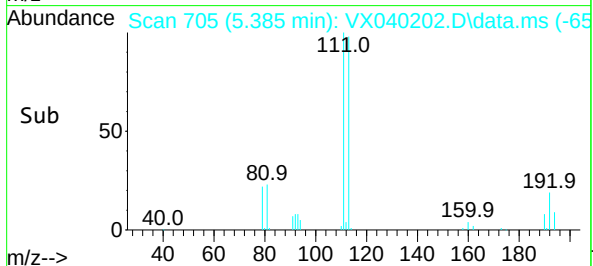
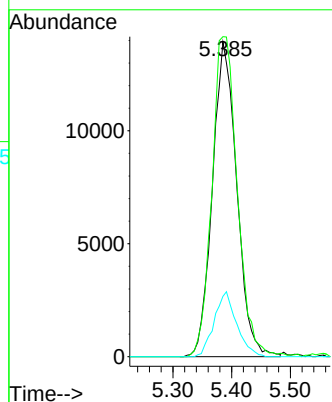
Tgt Ion:113 Resp: 40041

Ion Ratio Lower Upper

113 100

111 106.4 82.9 124.3

192 19.0 13.3 19.9



#44

Trichloroethene

Concen: 28.465 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040202.D

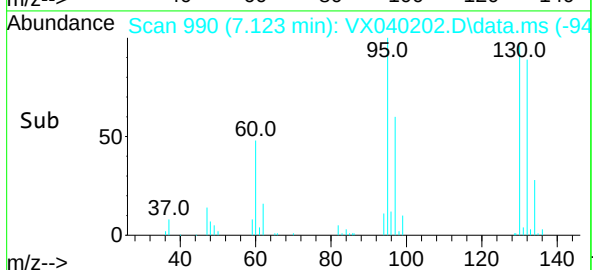
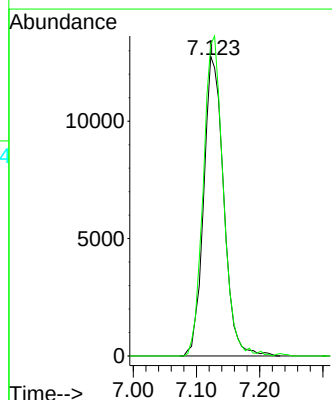
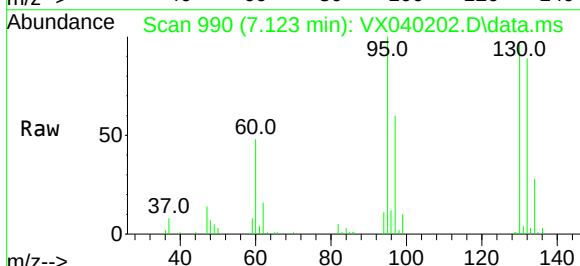
Acq: 12 Feb 2024 16:14

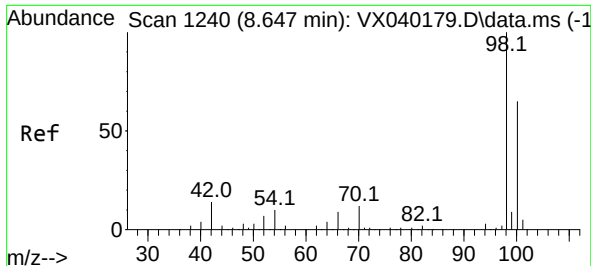
Tgt Ion:130 Resp: 28192

Ion Ratio Lower Upper

130 100

95 104.0 0.0 204.4

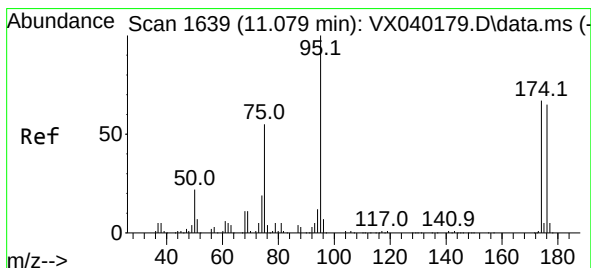
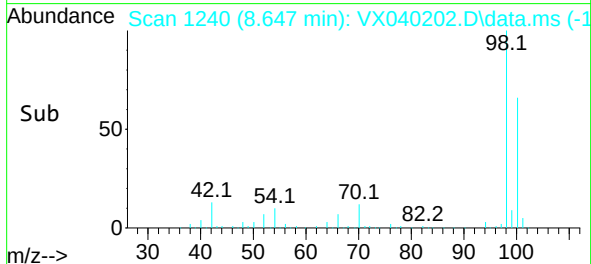
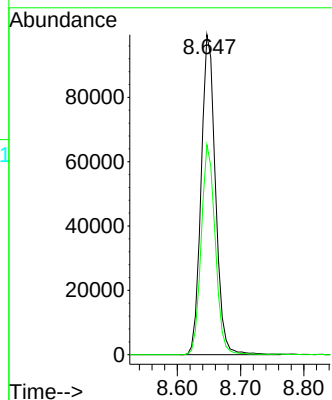
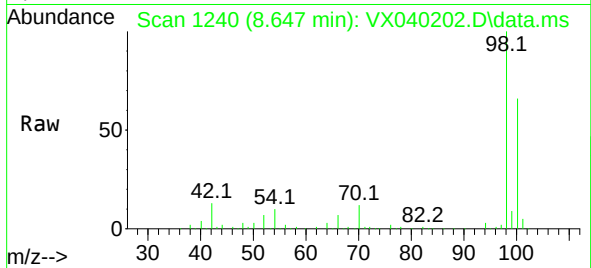




#50
Toluene-d8
Concen: 45.720 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

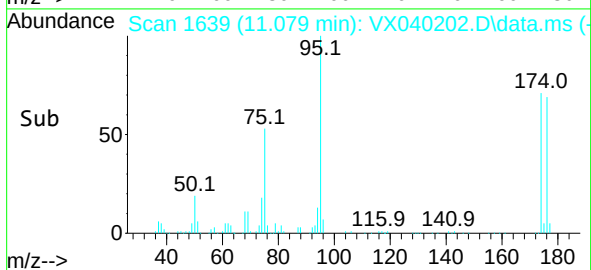
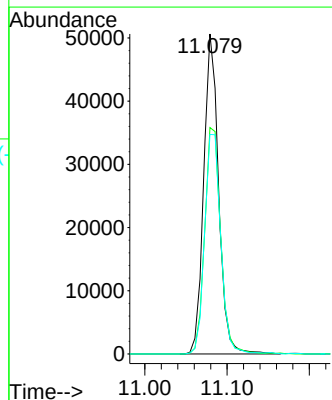
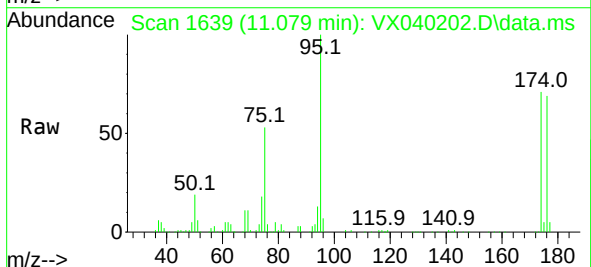
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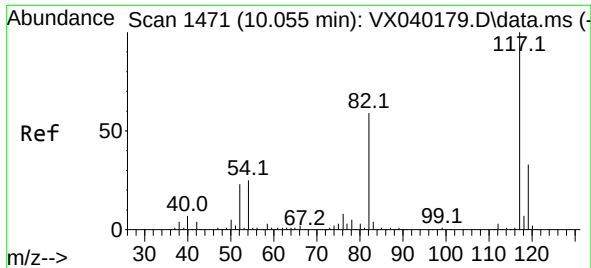
Tgt Ion: 98 Resp: 156755
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#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

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

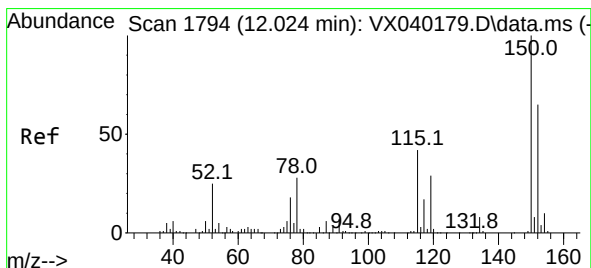
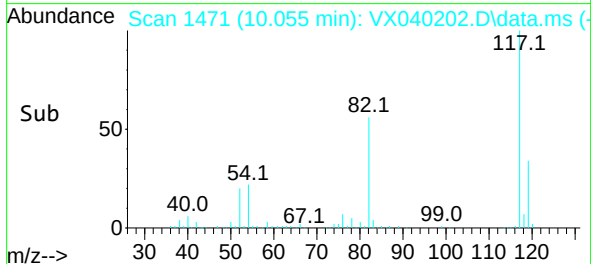
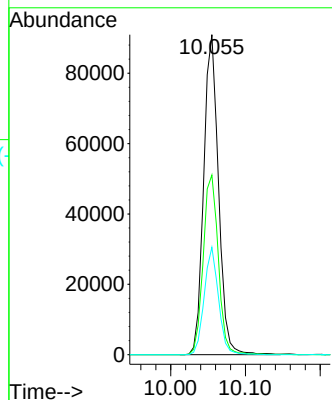
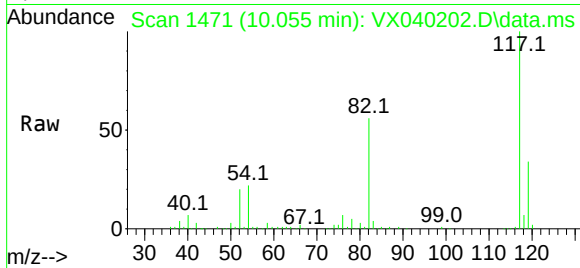




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

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

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# 1794
Delta R.T. -0.000 min
Lab File: VX040202.D
Acq: 12 Feb 2024 16:14

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

