

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040200.D
 Acq On : 12 Feb 2024 15:28
 Operator : JC/MD
 Sample : P1438-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-698-700

Quant Time: Feb 12 16:17:11 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)

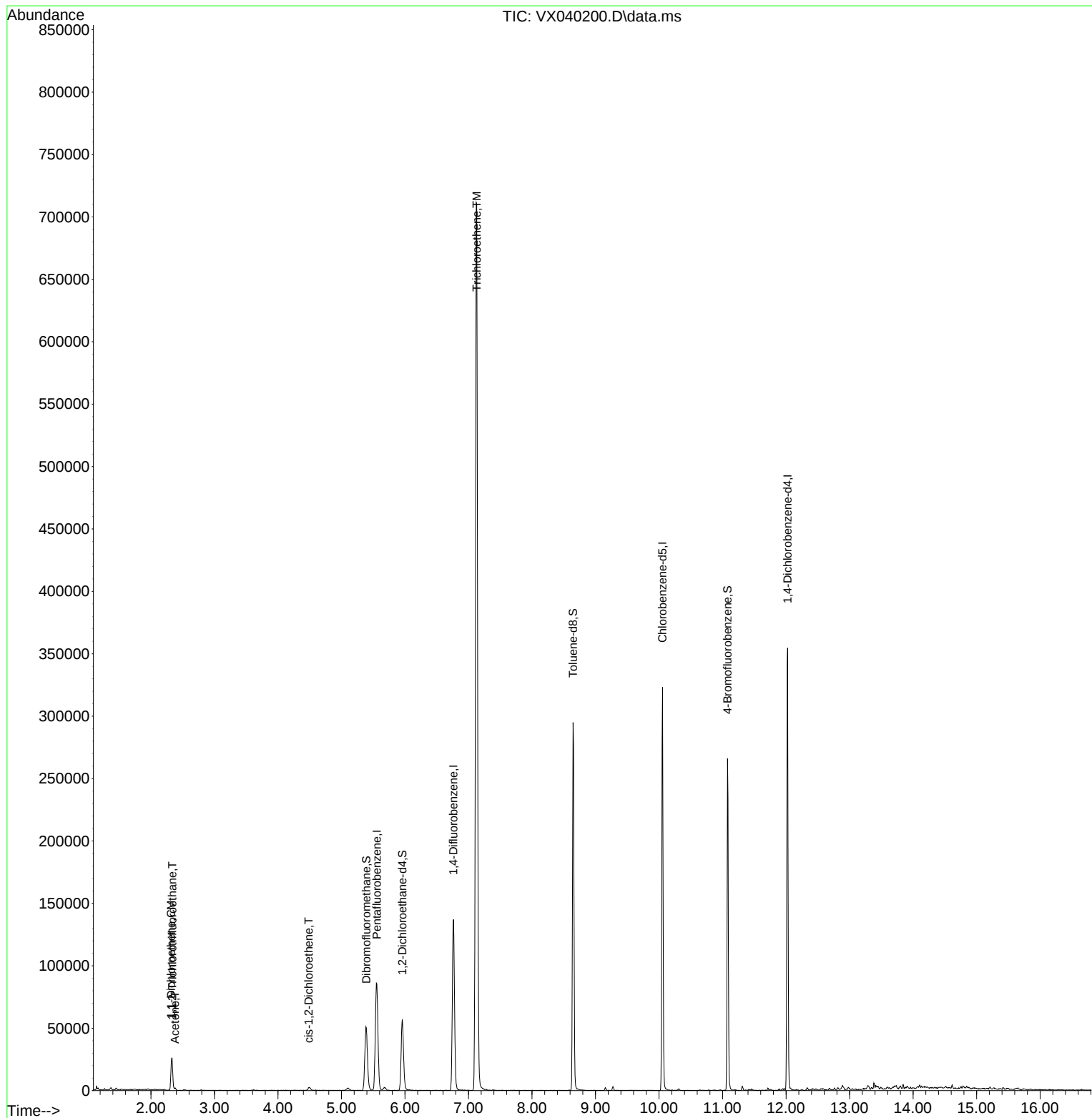
Internal Standards						
1) Pentafluorobenzene	5.556	168	83247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	141320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54513	44.016	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.040%
35) Dibromofluoromethane	5.391	113	43472	44.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.100%
50) Toluene-d8	8.647	98	174695	47.321	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.640%
62) 4-Bromofluorobenzene	11.079	95	70122	46.573	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	8514	9.645	ug/l	97
12) 1,1-Dichloroethene	2.318	96	3000	3.530	ug/l #	71
16) Acetone	2.379	43	1963	3.859	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	1810	1.639	ug/l	76
44) Trichloroethene	7.129	130	272307	255.348	ug/l	100

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

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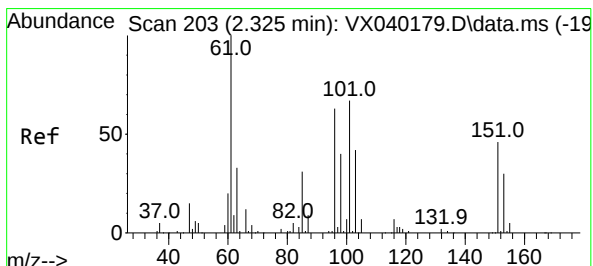
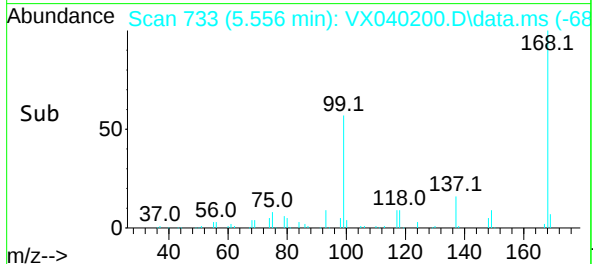
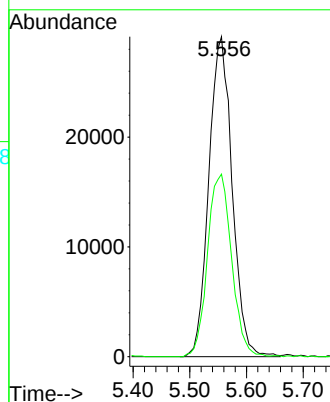
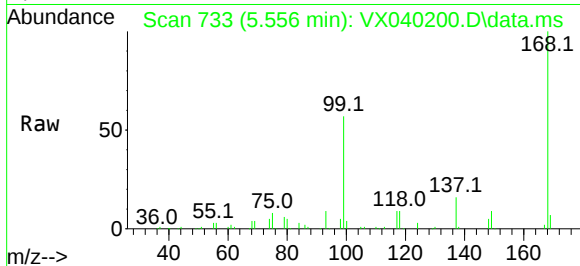




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040200.D
Acq: 12 Feb 2024 15:28

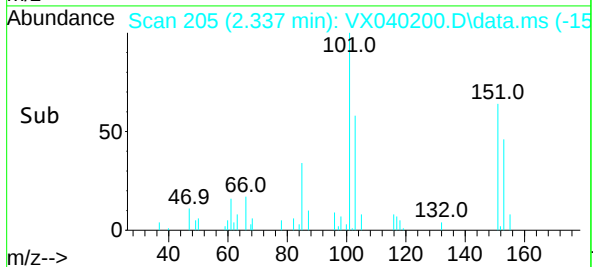
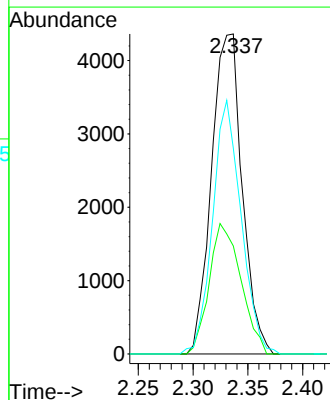
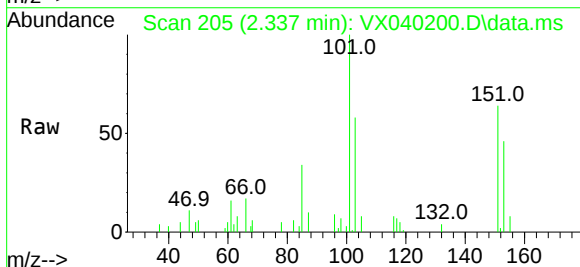
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-698-700

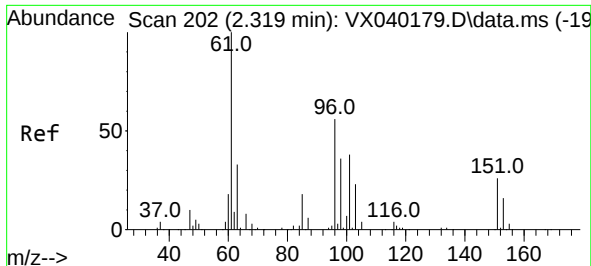
Tgt Ion:168 Resp: 83247
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.645 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX040200.D
Acq: 12 Feb 2024 15:28

Tgt Ion:101 Resp: 8514
Ion Ratio Lower Upper
101 100
85 42.0 37.0 55.6
151 73.5 58.6 87.8





#12

1,1-Dichloroethene

Concen: 3.530 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040200.D

Acq: 12 Feb 2024 15:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-698-700

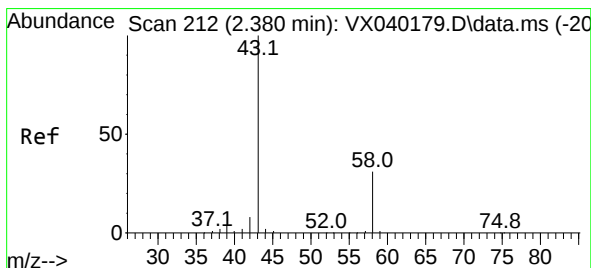
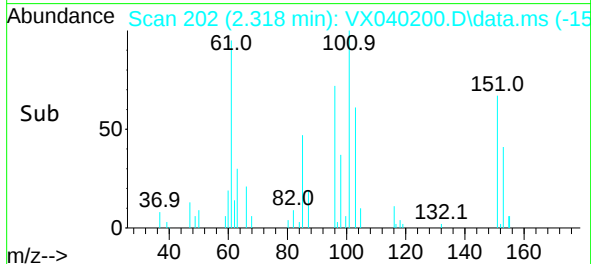
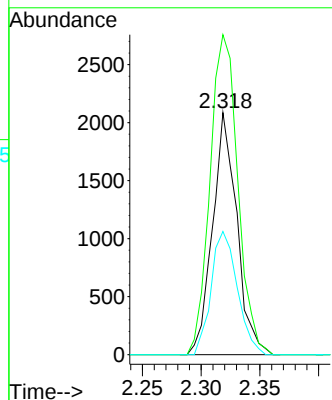
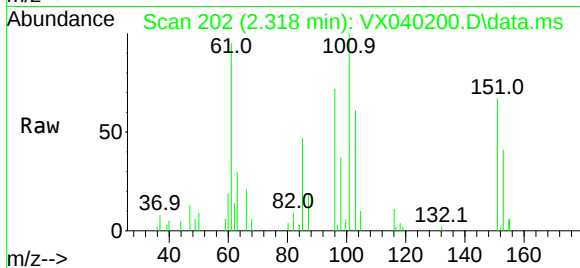
Tgt Ion: 96 Resp: 3000

Ion Ratio Lower Upper

96 100

61 132.2 144.6 216.8#

98 50.9 50.4 75.6



#16

Acetone

Concen: 3.859 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040200.D

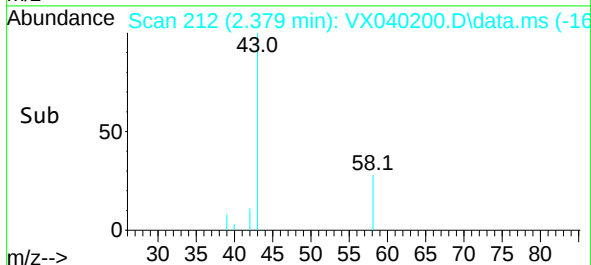
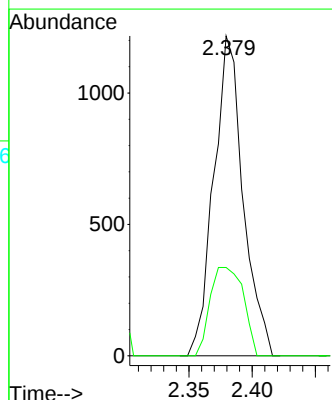
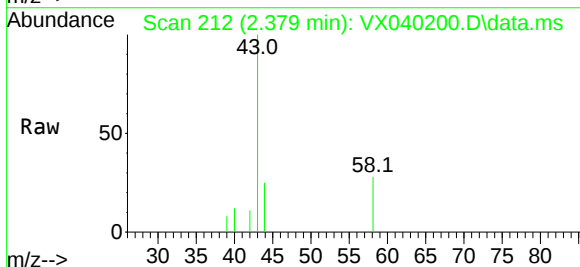
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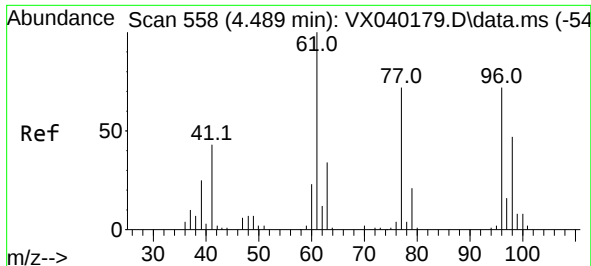
Tgt Ion: 43 Resp: 1963

Ion Ratio Lower Upper

43 100

58 27.6 21.9 32.9

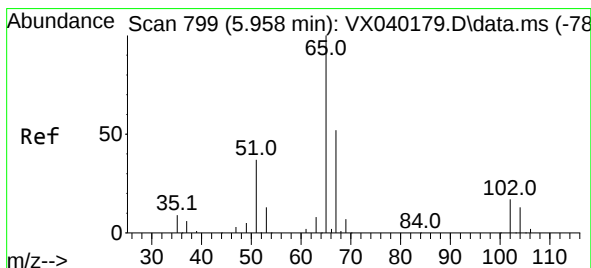
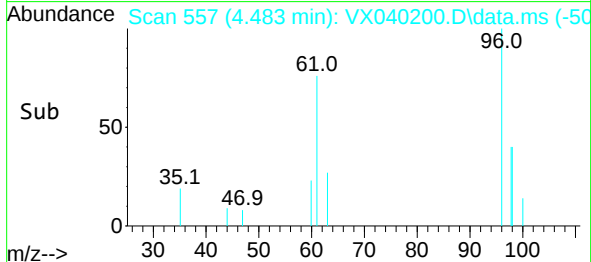
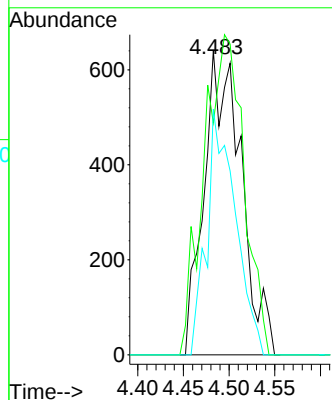
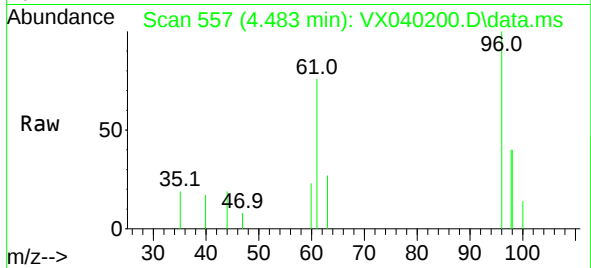




#27
 cis-1,2-Dichloroethene
 Concen: 1.639 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX040200.D
 Acq: 12 Feb 2024 15:28

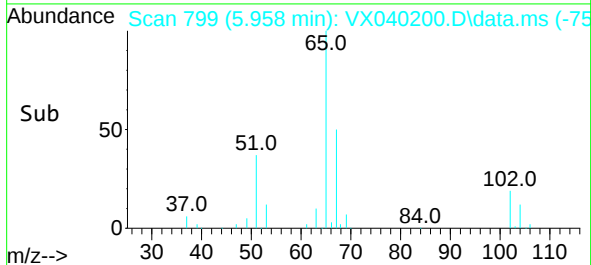
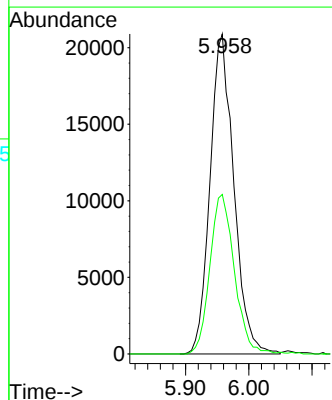
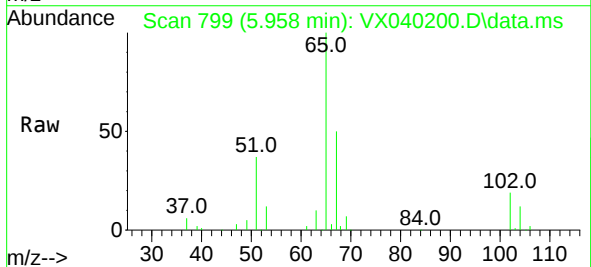
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-698-700

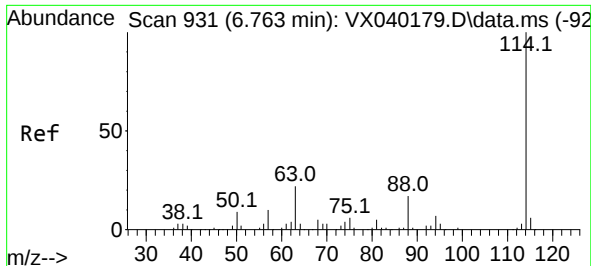
Tgt Ion: 96 Resp: 1810
 Ion Ratio Lower Upper
 96 100
 61 112.8 0.0 312.2
 98 62.1 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 44.016 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040200.D
 Acq: 12 Feb 2024 15:28

Tgt Ion: 65 Resp: 54513
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.2

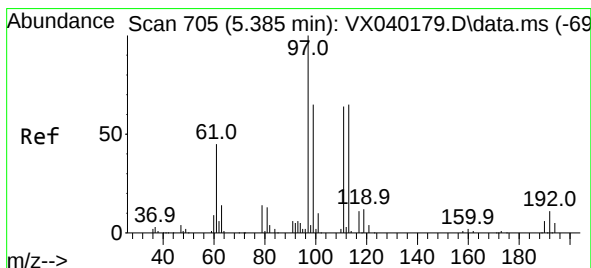
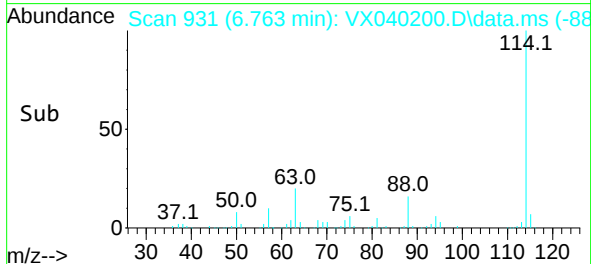
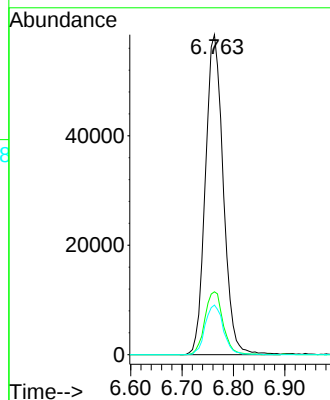
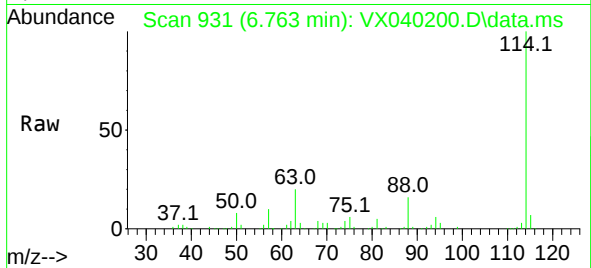




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040200.D
Acq: 12 Feb 2024 15:28

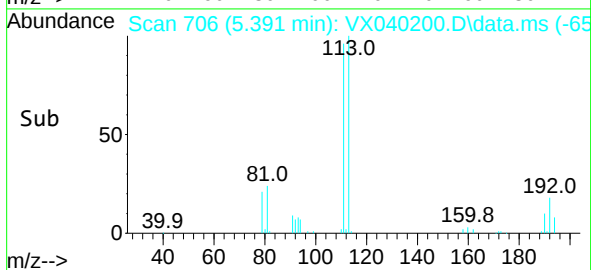
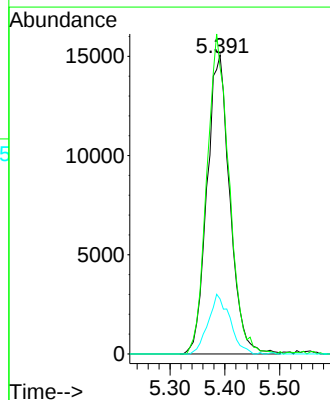
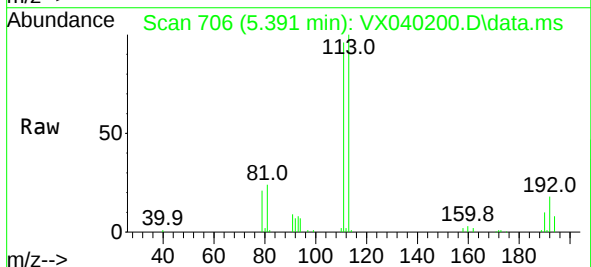
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-698-700

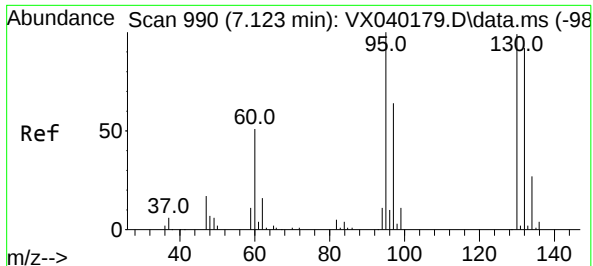
Tgt Ion:114 Resp: 141320
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.049 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040200.D
Acq: 12 Feb 2024 15:28

Tgt Ion:113 Resp: 43472
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.1 13.3 19.9

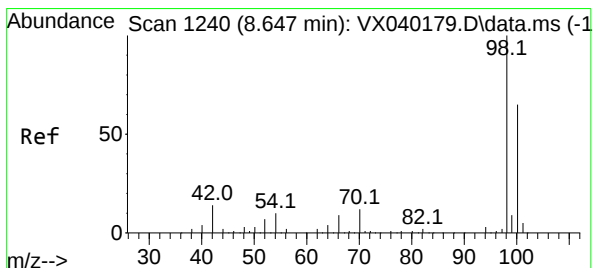
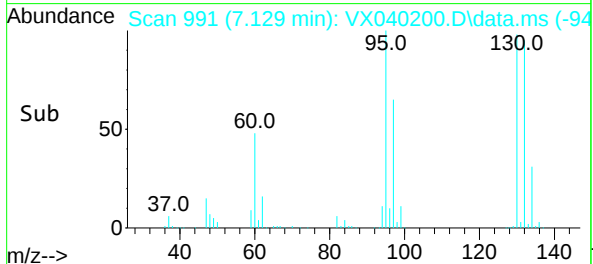
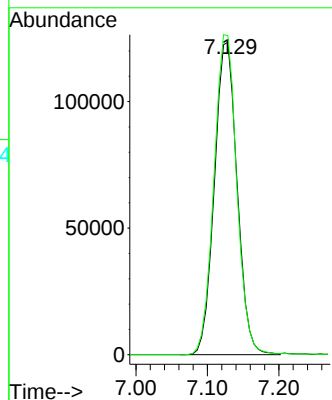
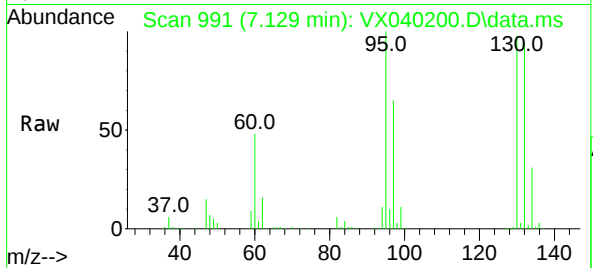




#44
Trichloroethene
Concen: 255.348 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040200.D
Acq: 12 Feb 2024 15:28

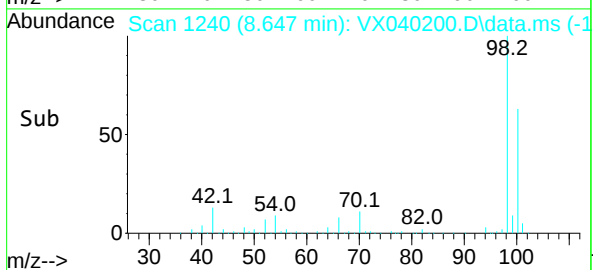
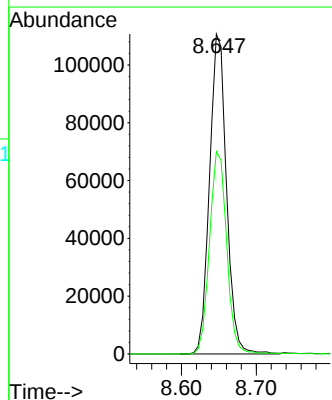
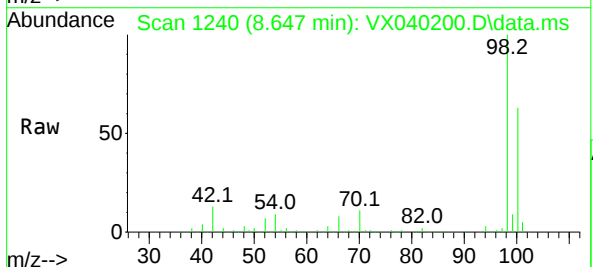
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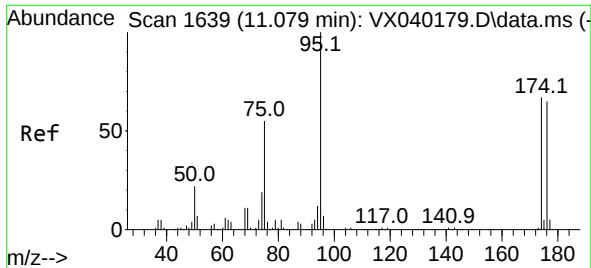
Tgt Ion:130 Resp: 272307
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.4



#50
Toluene-d8
Concen: 47.321 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040200.D
Acq: 12 Feb 2024 15:28

Tgt Ion: 98 Resp: 174695
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

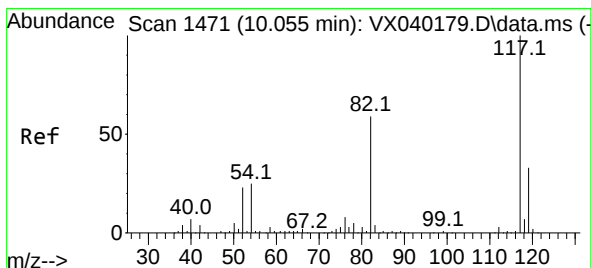
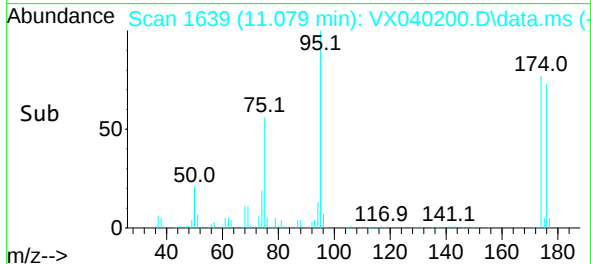
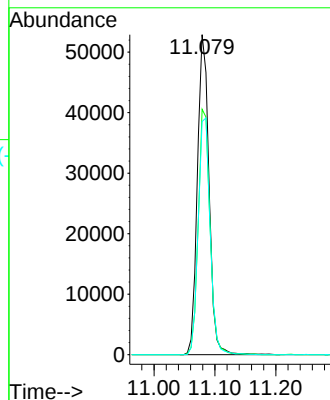
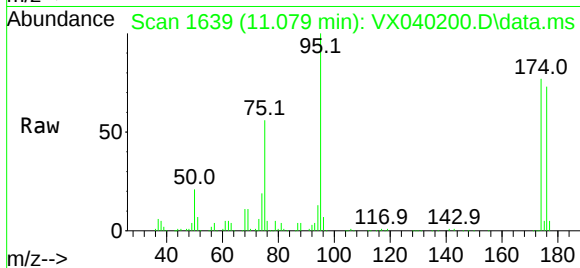




#62
4-Bromofluorobenzene
Concen: 46.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040200.D
Acq: 12 Feb 2024 15:28

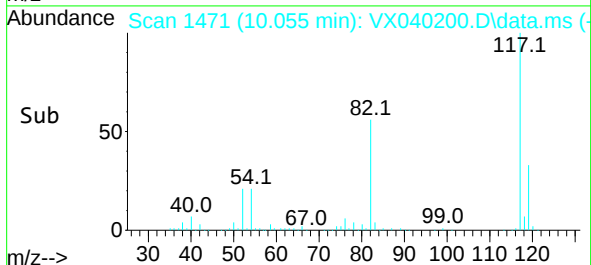
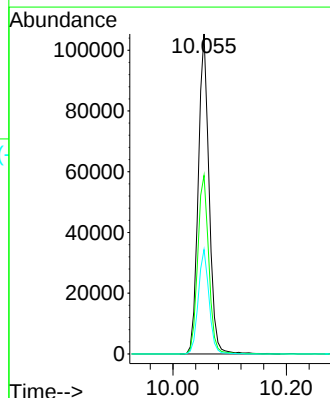
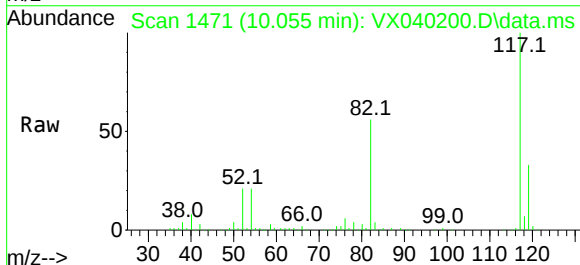
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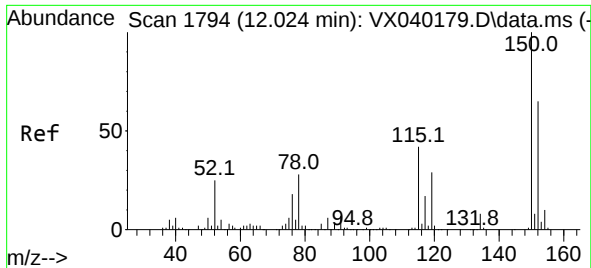
Tgt Ion: 95 Resp: 70122
Ion Ratio Lower Upper
95 100
174 77.2 0.0 135.6
176 75.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040200.D
Acq: 12 Feb 2024 15:28

Tgt Ion: 117 Resp: 139264
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.7 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: VX040200.D

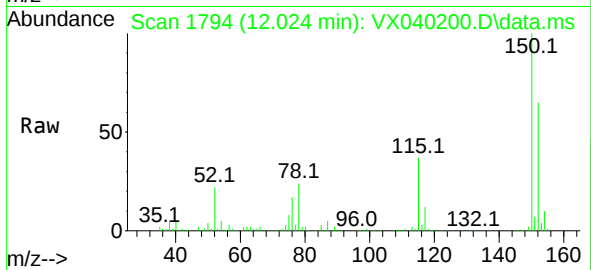
Acq: 12 Feb 2024 15:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-698-700



Tgt Ion:152 Resp: 73567

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 156.9 0.0 345.0

