

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041930.D
 Acq On : 18 Jun 2024 17:59
 Operator : JC/MD
 Sample : P2927-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-478-480

Quant Time: Jun 19 08:48:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

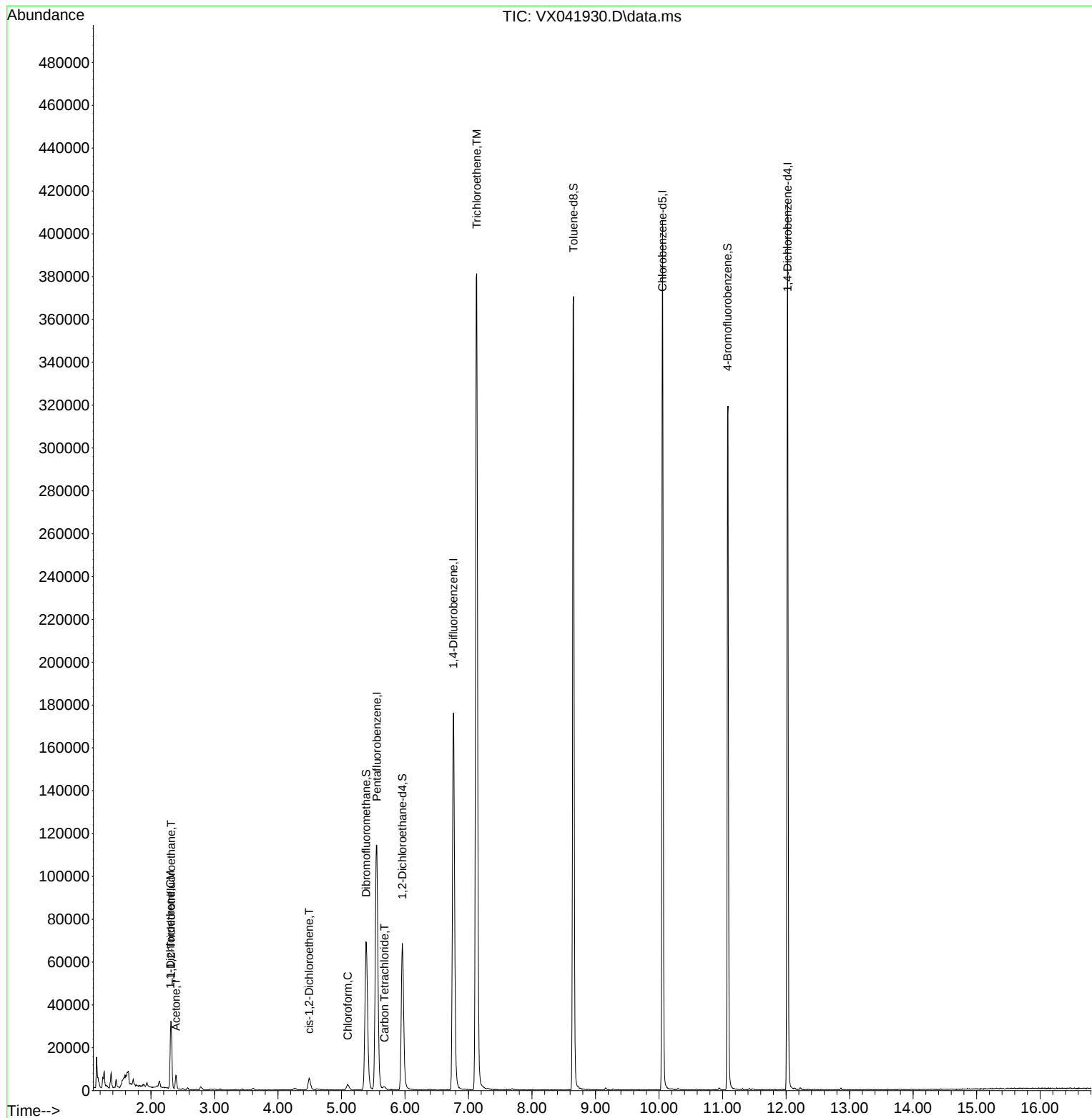
Internal Standards						
1) Pentafluorobenzene	5.556	168	129863	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	195309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64887	43.331	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.660%
35) Dibromofluoromethane	5.385	113	61076	44.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.140%
50) Toluene-d8	8.653	98	236066	48.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.980%
62) 4-Bromofluorobenzene	11.079	95	86297	48.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.180%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	11094	9.880	ug/l	87
12) 1,1-Dichloroethene	2.306	96	1509	1.347	ug/l	# 78
16) Acetone	2.392	43	6375	9.695	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	3877	2.723	ug/l	78
30) Chloroform	5.099	83	3418	1.560	ug/l	99
38) Carbon Tetrachloride	5.678	117	1277	0.785	ug/l	86
44) Trichloroethene	7.129	130	171277	128.742	ug/l	89

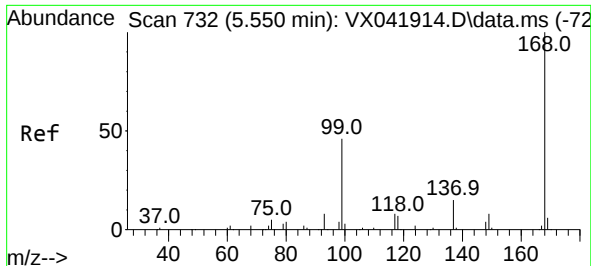
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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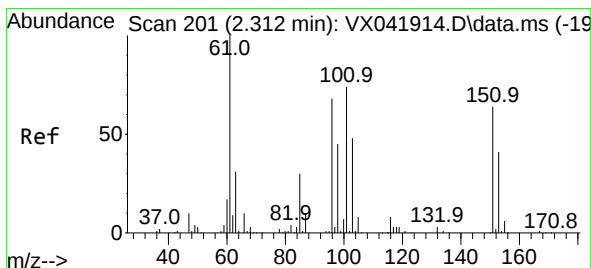
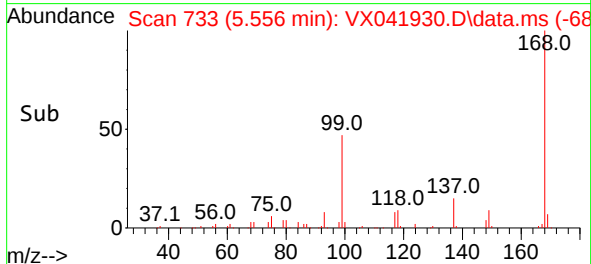
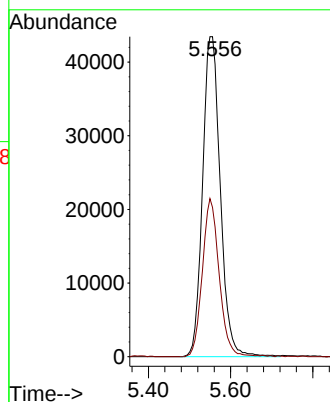
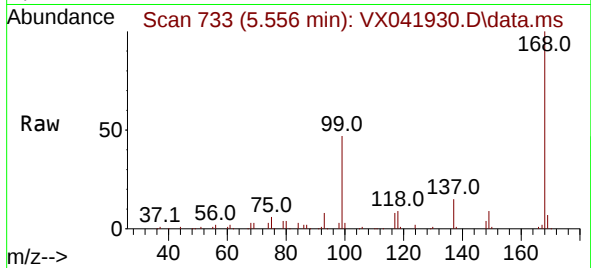




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041930.D
Acq: 18 Jun 2024 17:59

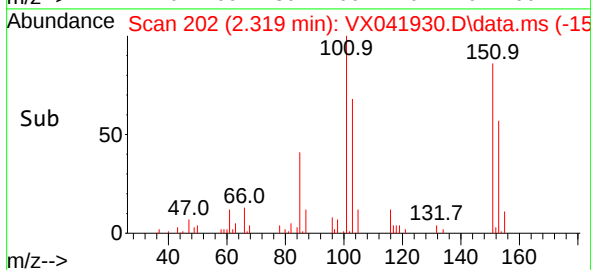
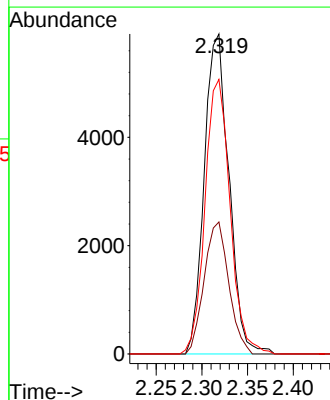
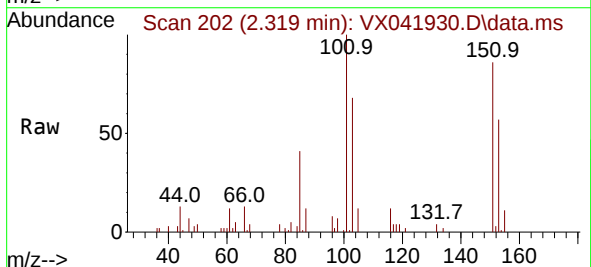
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-478-480

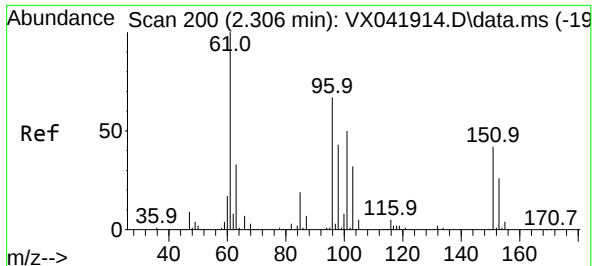
Tgt Ion:168 Resp: 129863
Ion Ratio Lower Upper
168 100
99 46.6 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.880 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX041930.D
Acq: 18 Jun 2024 17:59

Tgt Ion:101 Resp: 11094
Ion Ratio Lower Upper
101 100
85 41.1 37.0 55.6
151 87.2 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.347 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041930.D

Acq: 18 Jun 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-478-480

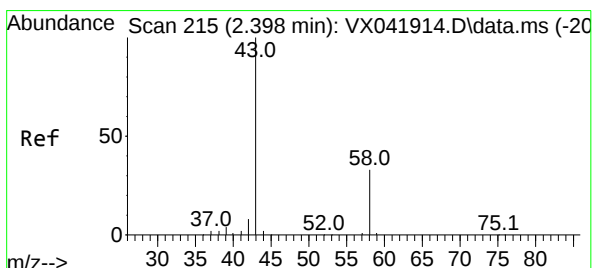
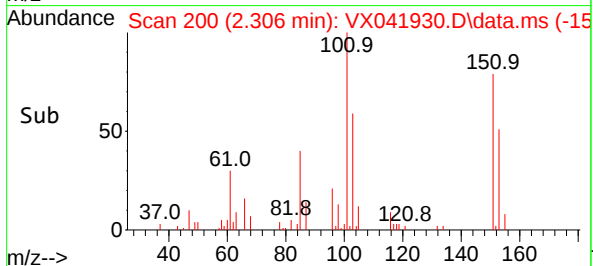
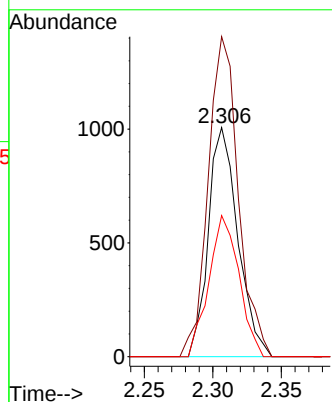
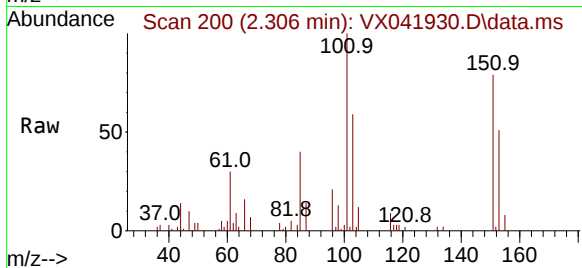
Tgt Ion: 96 Resp: 1509

Ion Ratio Lower Upper

96 100

61 139.6 144.6 216.8#

98 61.6 50.4 75.6



#16

Acetone

Concen: 9.695 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041930.D

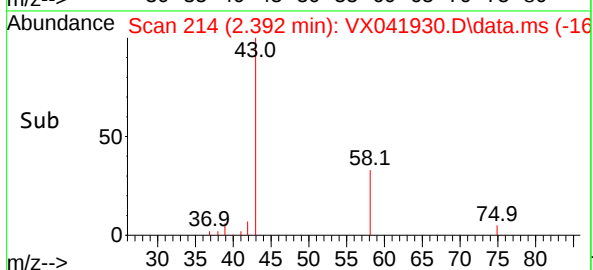
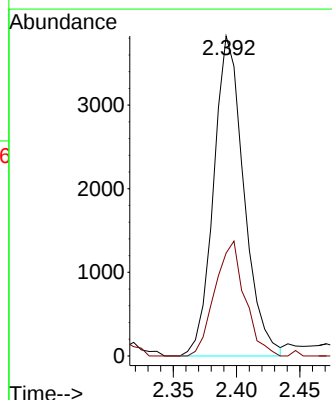
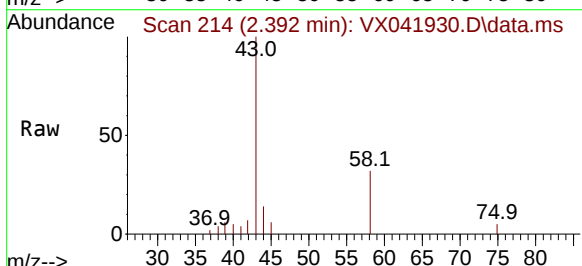
Acq: 18 Jun 2024 17:59

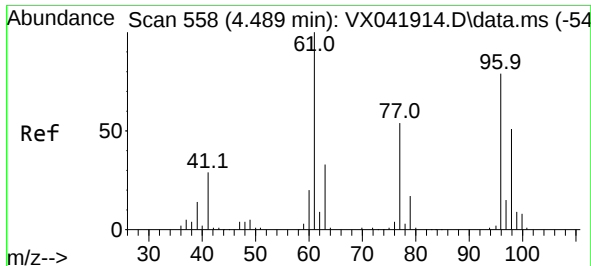
Tgt Ion: 43 Resp: 6375

Ion Ratio Lower Upper

43 100

58 32.2 21.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 2.723 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041930.D

Acq: 18 Jun 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-478-480

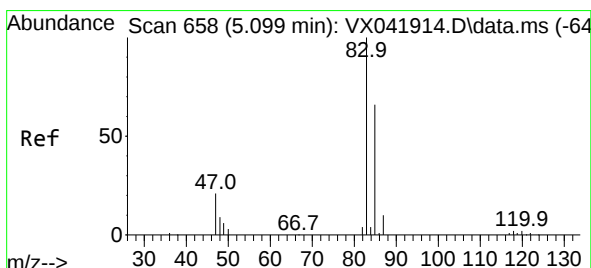
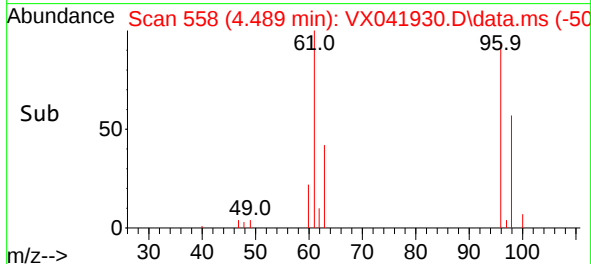
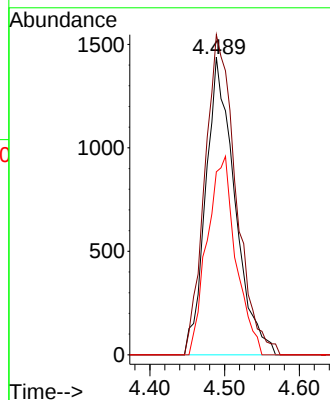
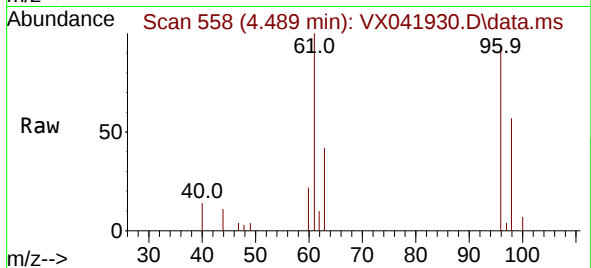
Tgt Ion: 96 Resp: 3877

Ion Ratio Lower Upper

96 100

61 115.8 0.0 312.2

98 66.0 0.0 129.0



#30

Chloroform

Concen: 1.560 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX041930.D

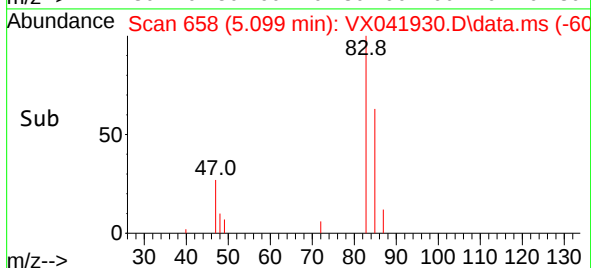
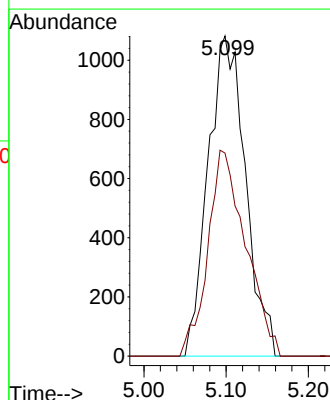
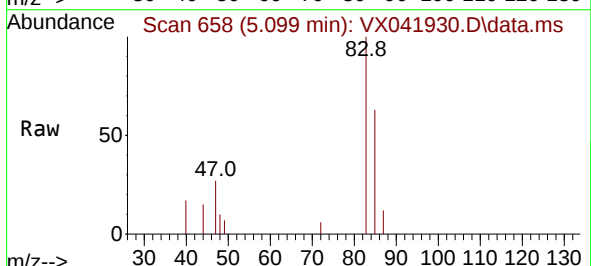
Acq: 18 Jun 2024 17:59

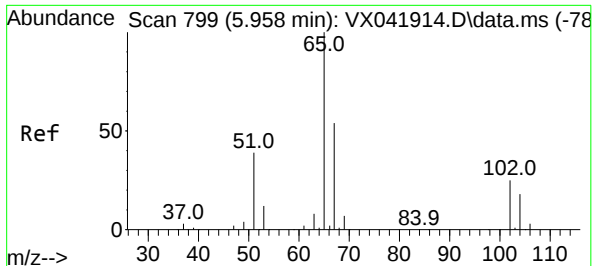
Tgt Ion: 83 Resp: 3418

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 43.331 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041930.D

Acq: 18 Jun 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

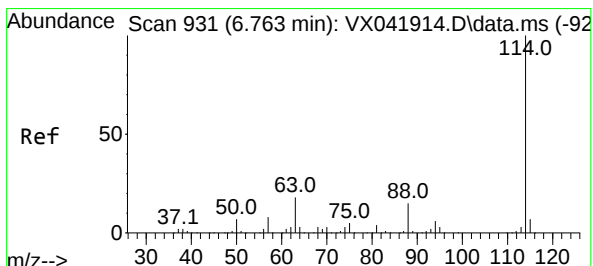
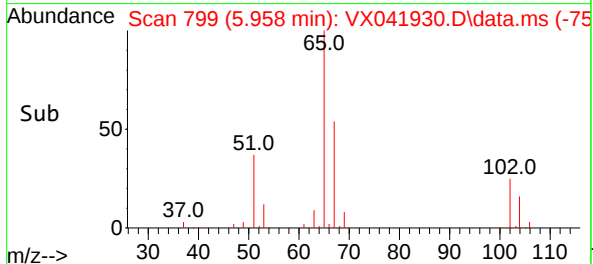
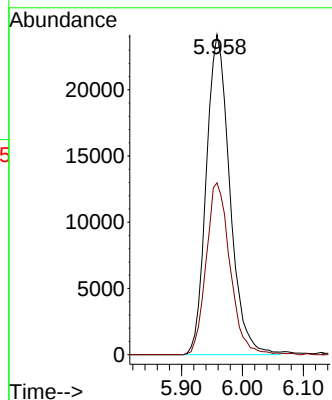
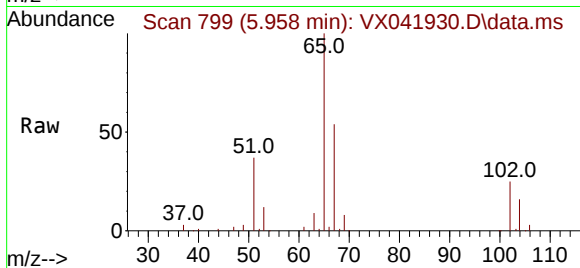
BP-VPB-189-GW-478-480

Tgt Ion: 65 Resp: 64887

Ion Ratio Lower Upper

65 100

67 54.5 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: VX041930.D

Acq: 18 Jun 2024 17:59

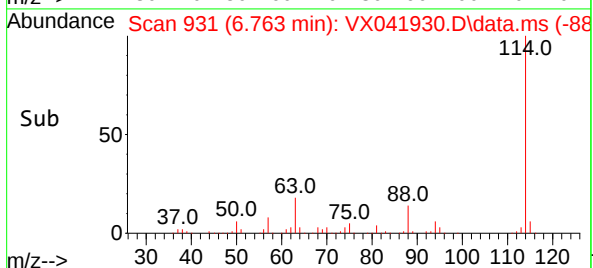
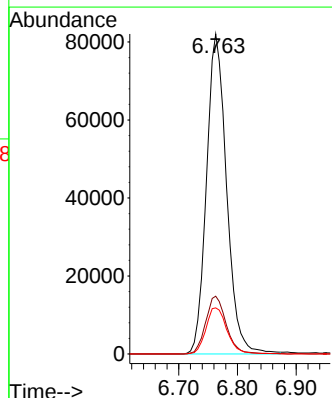
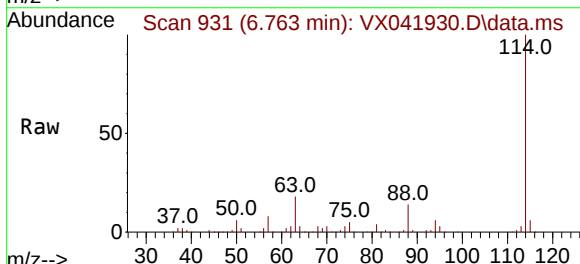
Tgt Ion: 114 Resp: 195309

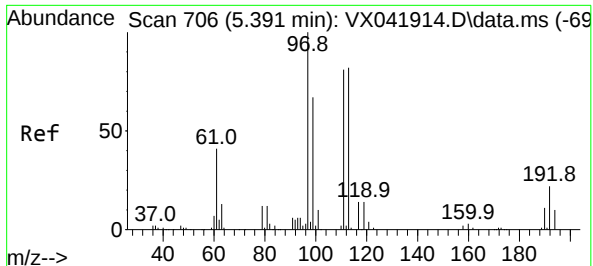
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 14.4 0.0 36.6

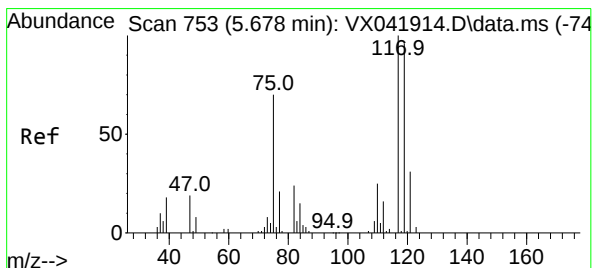
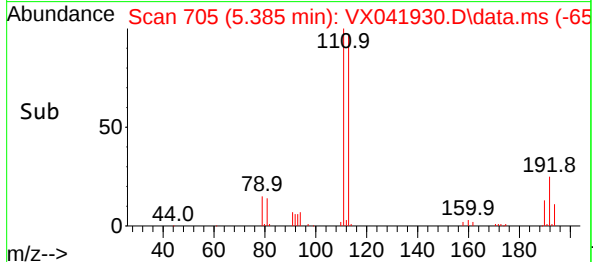
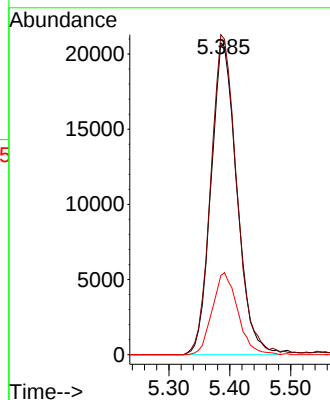
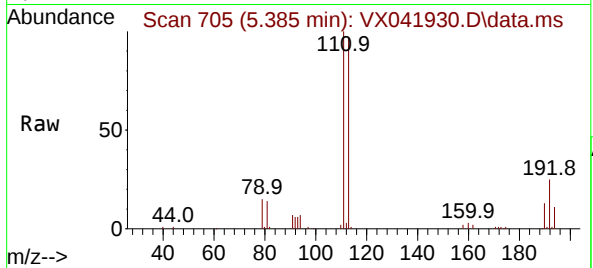




#35
Dibromofluoromethane
Concen: 44.072 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041930.D
Acq: 18 Jun 2024 17:59

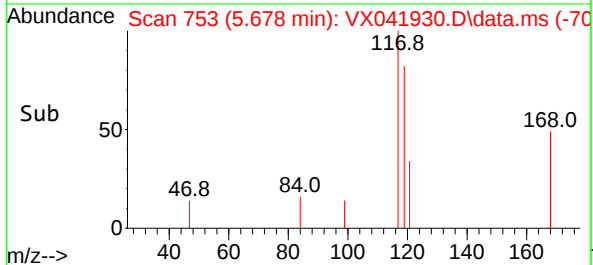
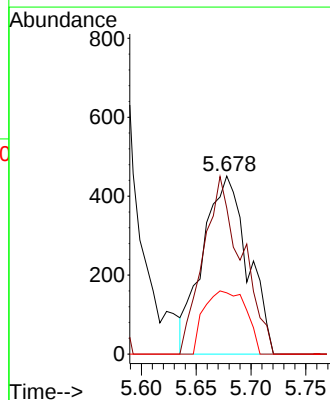
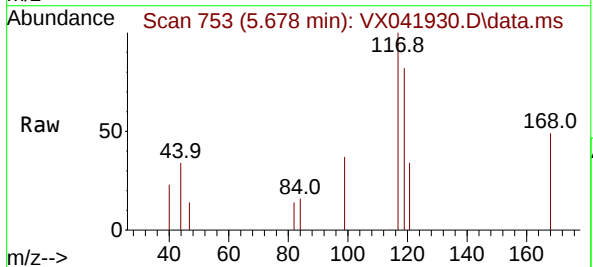
Instrument :
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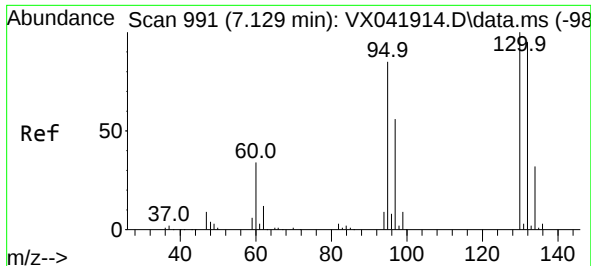
Tgt Ion:113 Resp: 61076
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 25.9 13.3 19.9#



#38
Carbon Tetrachloride
Concen: 0.785 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX041930.D
Acq: 18 Jun 2024 17:59

Tgt Ion:117 Resp: 1277
Ion Ratio Lower Upper
117 100
119 82.0 78.2 117.2
121 34.4 24.4 36.6

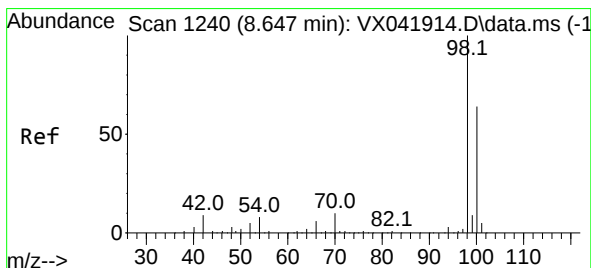
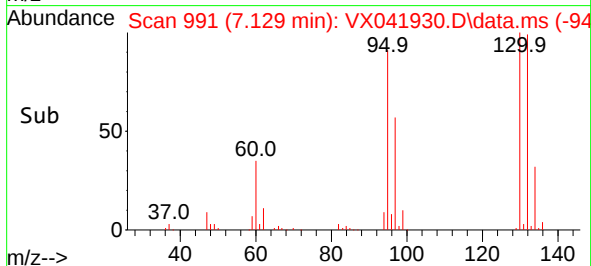
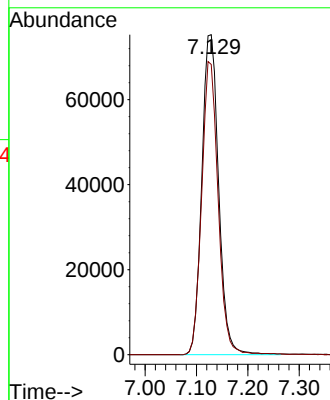
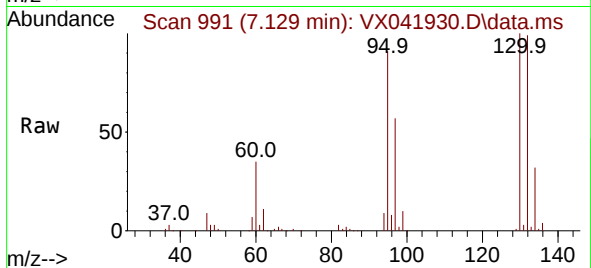




#44
Trichloroethene
Concen: 128.742 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX041930.D
Acq: 18 Jun 2024 17:59

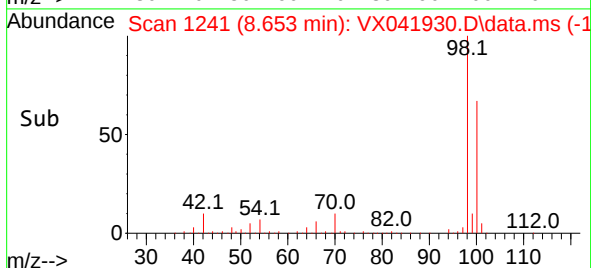
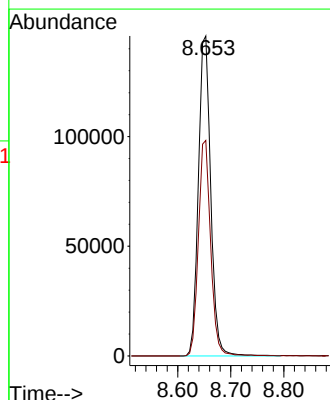
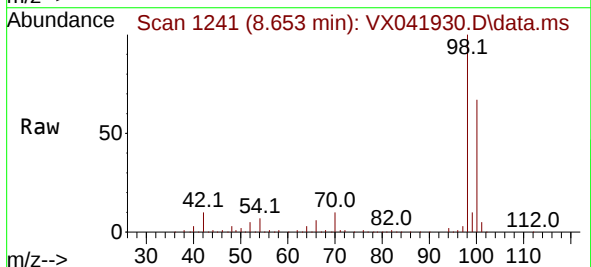
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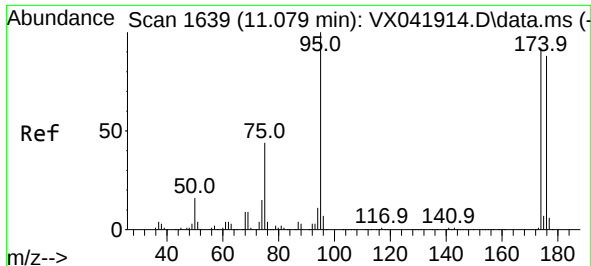
Tgt Ion:130 Resp: 171277
Ion Ratio Lower Upper
130 100
95 90.7 0.0 204.4



#50
Toluene-d8
Concen: 48.489 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX041930.D
Acq: 18 Jun 2024 17:59

Tgt Ion: 98 Resp: 236066
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

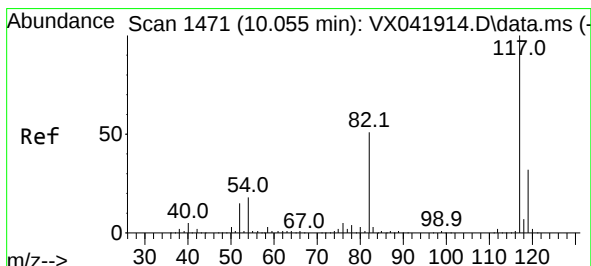
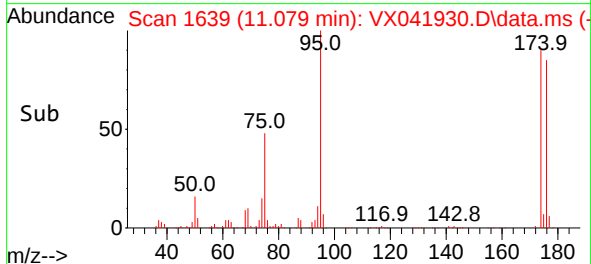
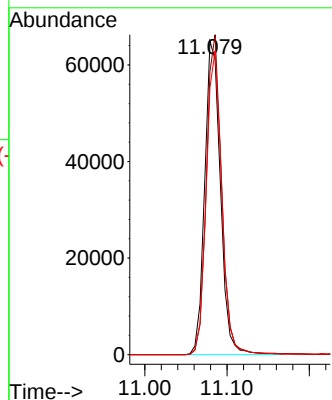
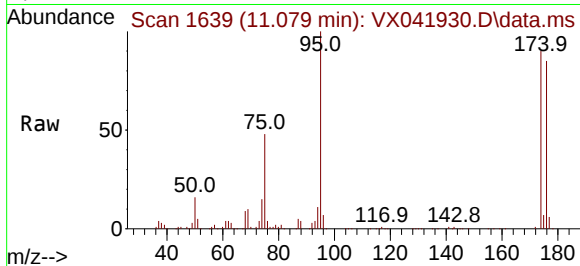




#62
4-Bromofluorobenzene
Concen: 48.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041930.D
Acq: 18 Jun 2024 17:59

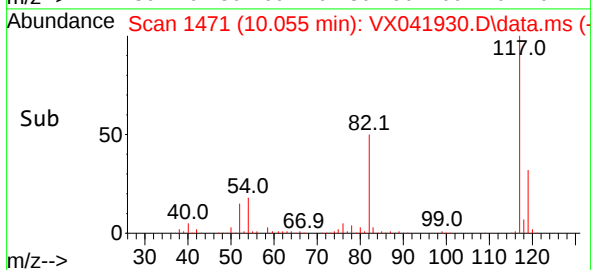
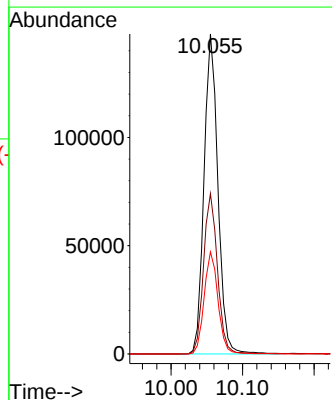
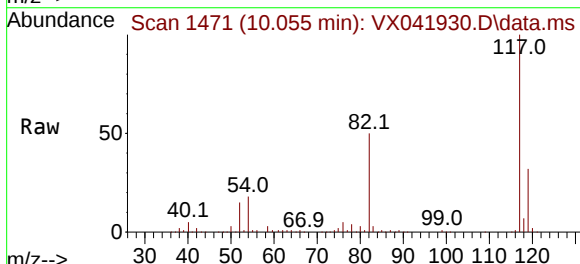
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-478-480

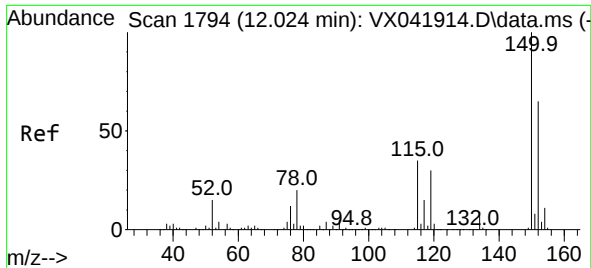
Tgt Ion: 95 Resp: 86297
Ion Ratio Lower Upper
95 100
174 99.1 0.0 135.6
176 95.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041930.D
Acq: 18 Jun 2024 17:59

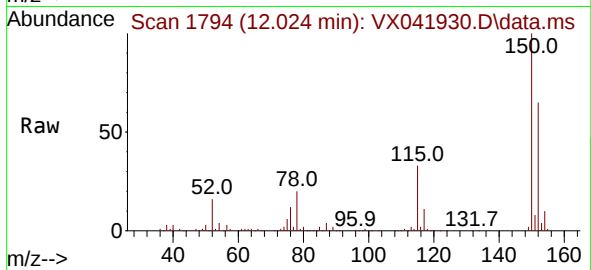
Tgt Ion: 117 Resp: 199737
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 31.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041930.D
 Acq: 18 Jun 2024 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-478-480



Tgt Ion:152 Resp: 97551
 Ion Ratio Lower Upper
 152 100
 115 53.2 43.3 129.9
 150 155.7 0.0 345.0

