

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037190.D
 Acq On : 23 Aug 2023 17:54
 Operator : JC/MD
 Sample : 04024-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20230815

Quant Time: Aug 24 05:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

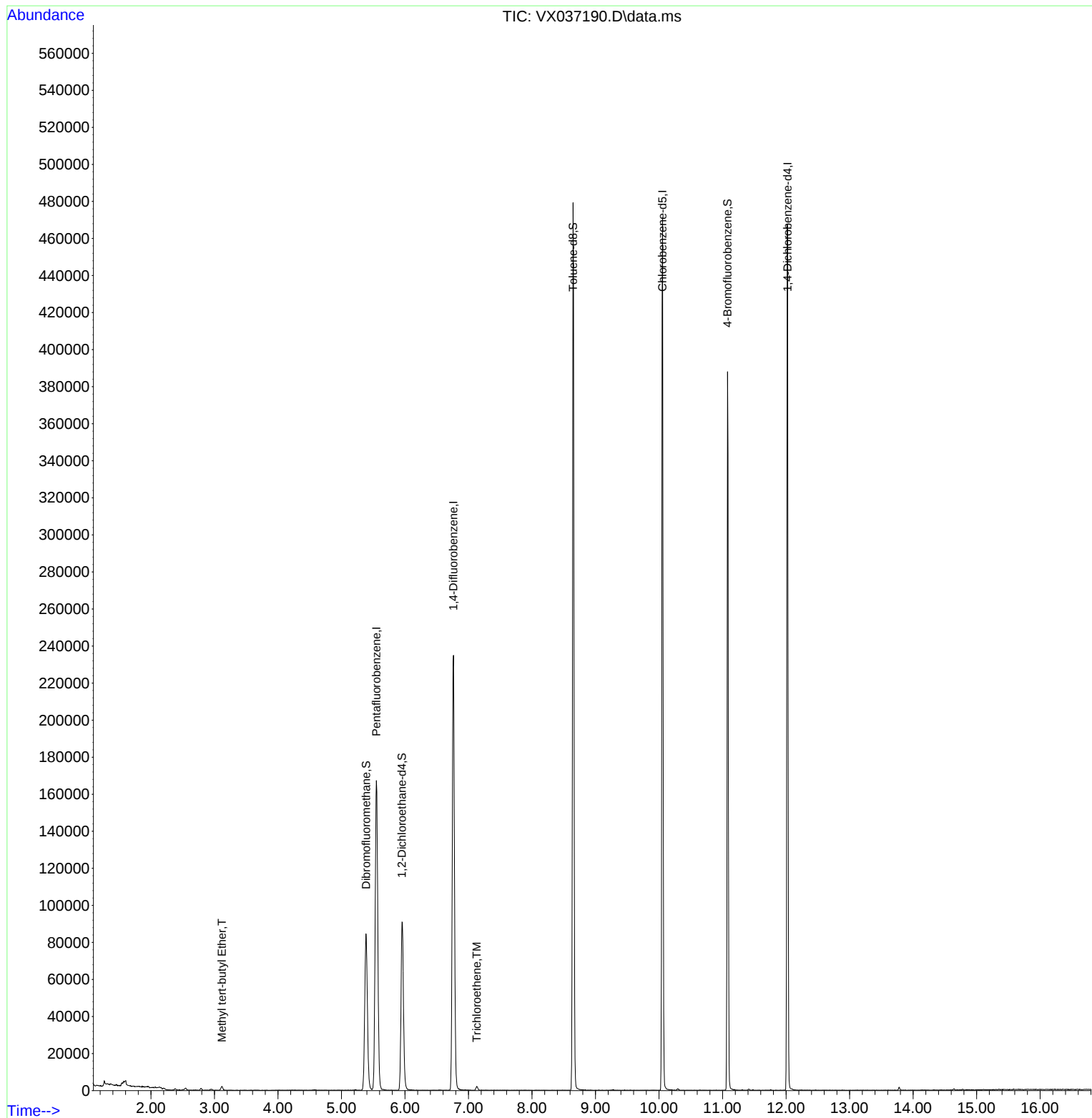
Internal Standards						
1) Pentafluorobenzene	5.550	168	156475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92899	41.181	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.360%
35) Dibromofluoromethane	5.385	113	74704	45.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	283953	48.022	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.040%
62) 4-Bromofluorobenzene	11.079	95	106028	45.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.260%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	2427	0.397	ug/l	96
44) Trichloroethene	7.129	130	856	0.454	ug/l	92

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

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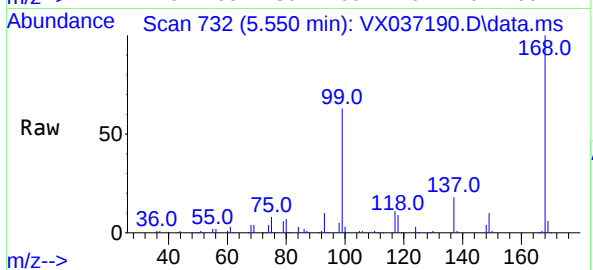
Quant Time: Aug 24 05:35:43 2023
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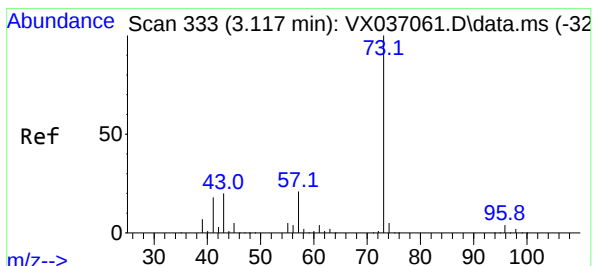
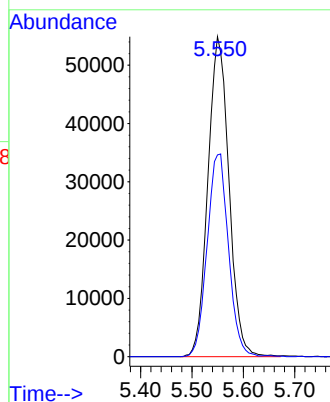
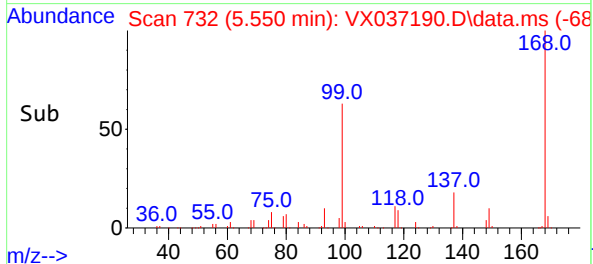


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

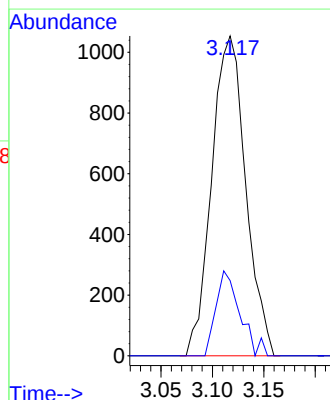
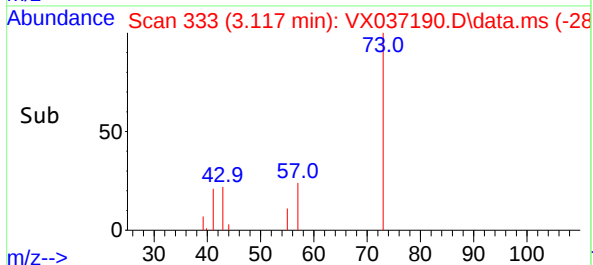
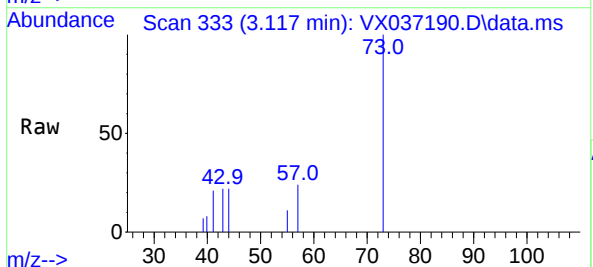


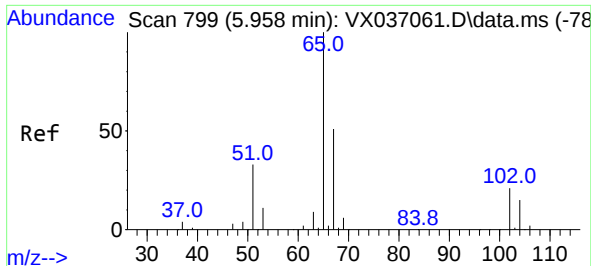
Tgt Ion:168 Resp: 156475
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 0.397 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion: 73 Resp: 2427
Ion Ratio Lower Upper
73 100
57 23.5 17.3 25.9

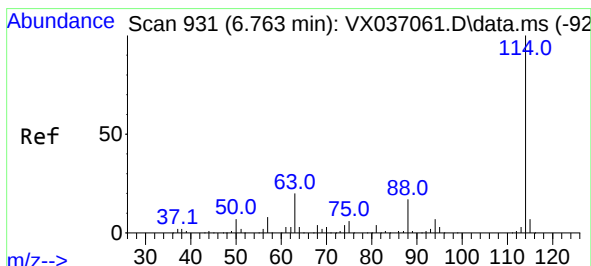
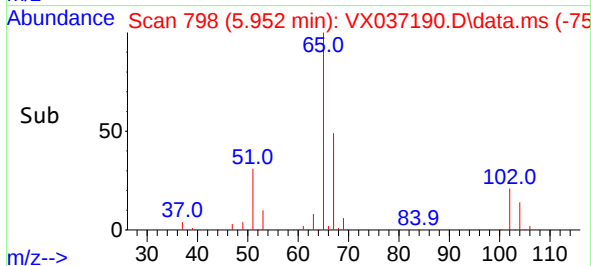
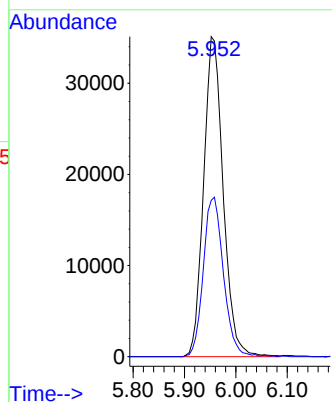
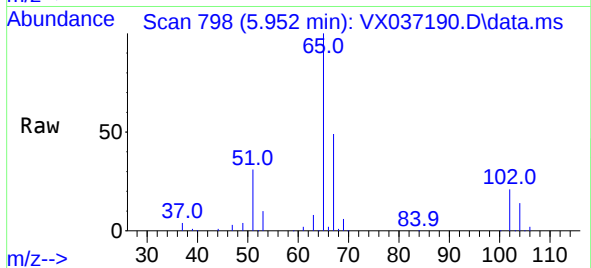




#33
1,2-Dichloroethane-d4
Concen: 41.181 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

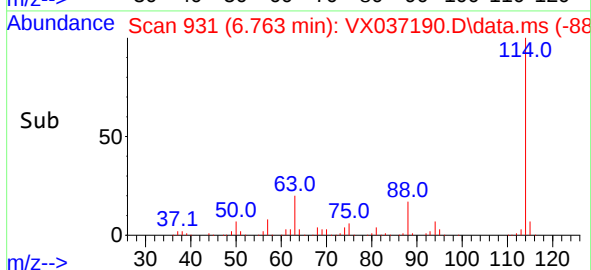
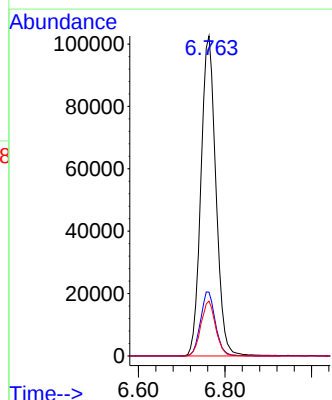
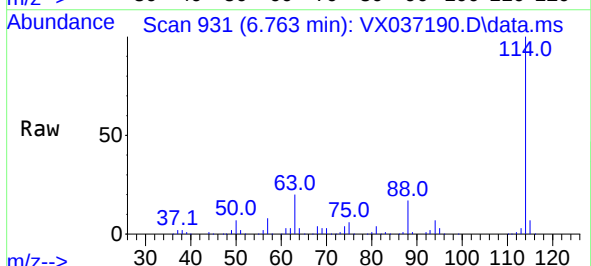
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

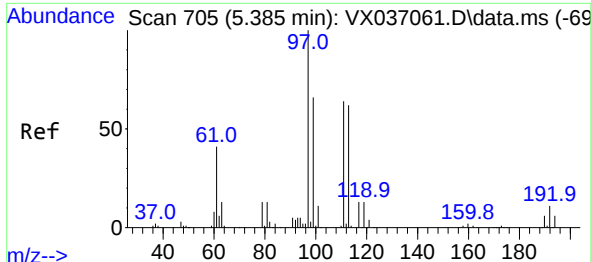
Tgt Ion: 65 Resp: 92899
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion:114 Resp: 246136
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.828 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037190.D

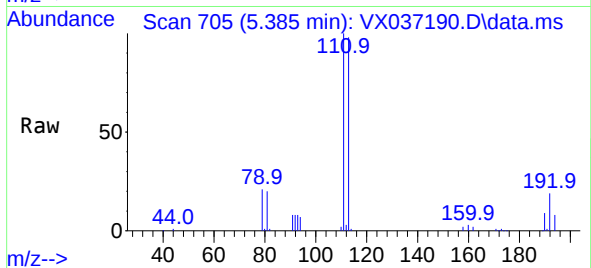
Acq: 23 Aug 2023 17:54

Instrument :

MSVOA_X

ClientSampleId :

TT14911-20230815



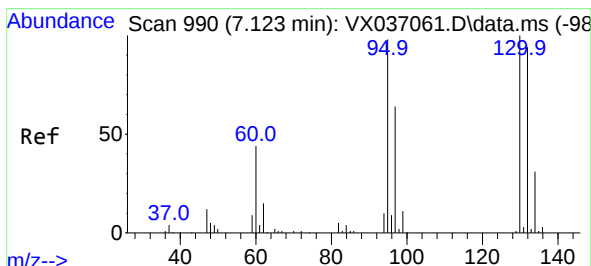
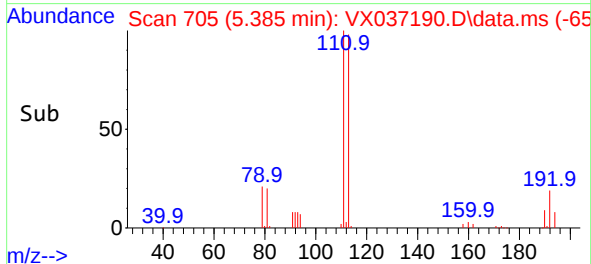
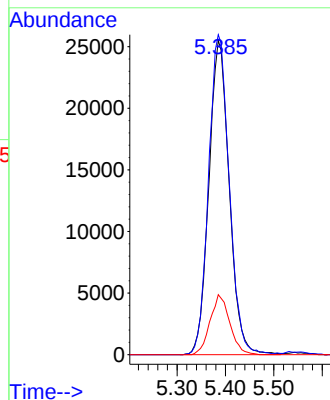
Tgt Ion:113 Resp: 74704

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 18.4 13.3 19.9



#44

Trichloroethene

Concen: 0.454 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037190.D

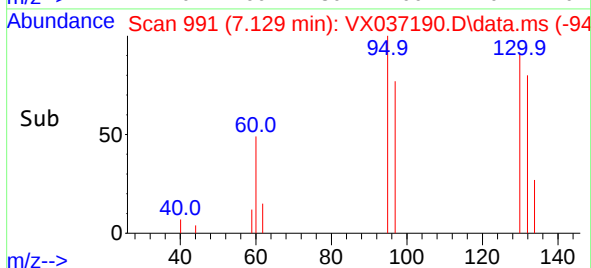
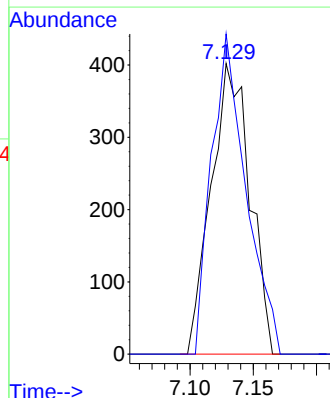
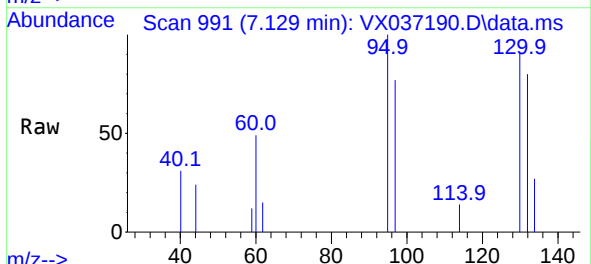
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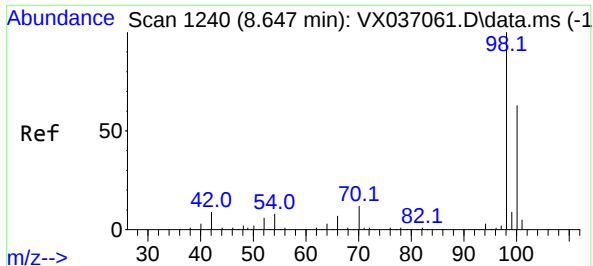
Tgt Ion:130 Resp: 856

Ion Ratio Lower Upper

130 100

95 110.2 0.0 204.4

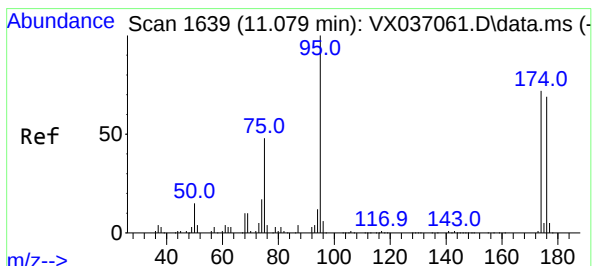
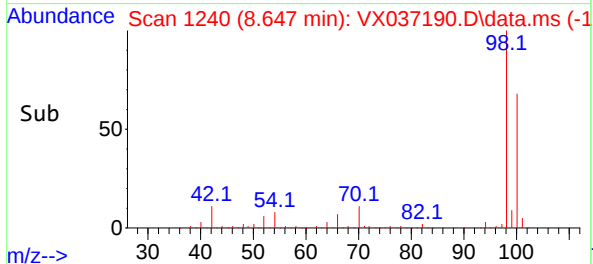
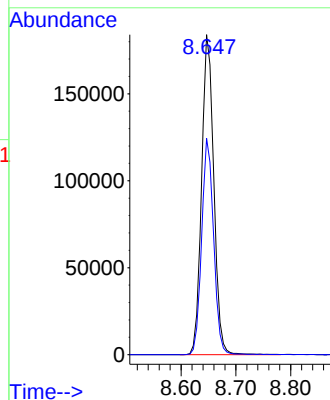
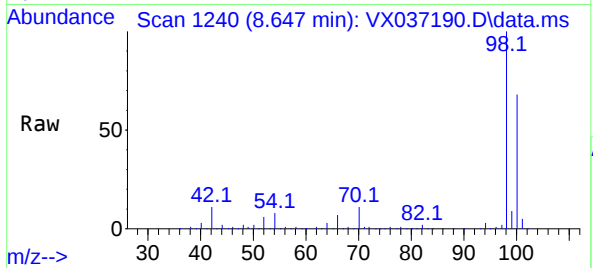




#50
Toluene-d8
Concen: 48.022 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

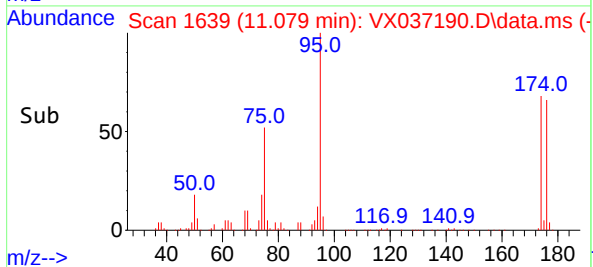
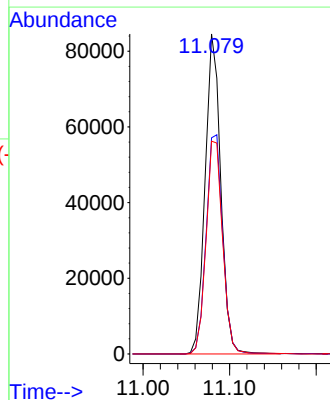
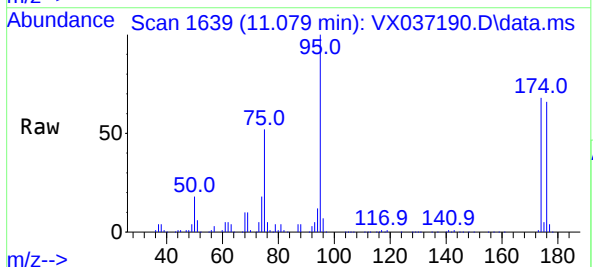
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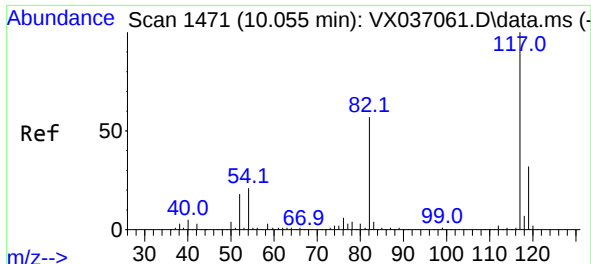
Tgt Ion: 98 Resp: 283953
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion: 95 Resp: 106028
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.6 0.0 131.0

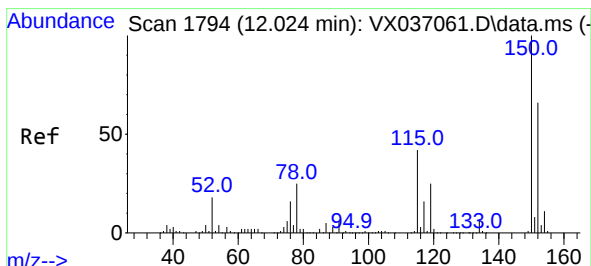
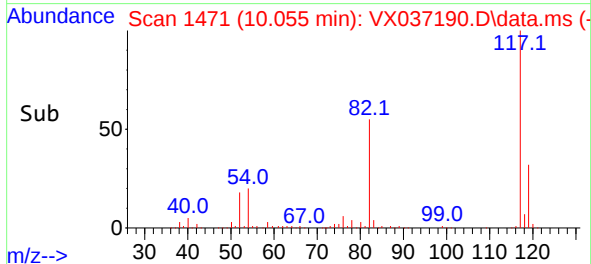
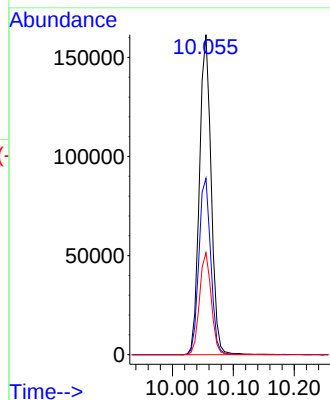
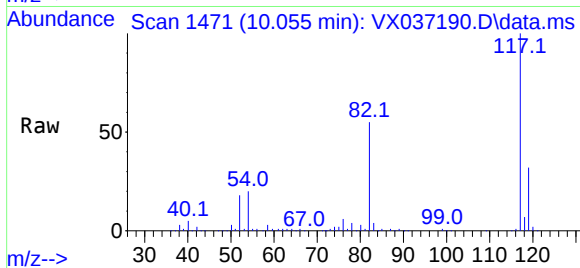




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
TT14911-20230815

Tgt Ion:117 Resp: 215419
Ion Ratio Lower Upper
117 100
82 55.1 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# 1794
Delta R.T. -0.000 min
Lab File: VX037190.D
Acq: 23 Aug 2023 17:54

Tgt Ion:152 Resp: 99156
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 158.1 0.0 345.0

