

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037165.D
 Acq On : 22 Aug 2023 20:27
 Operator : JC/MD
 Sample : 04051-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20230816

Quant Time: Aug 23 01:48:28 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)

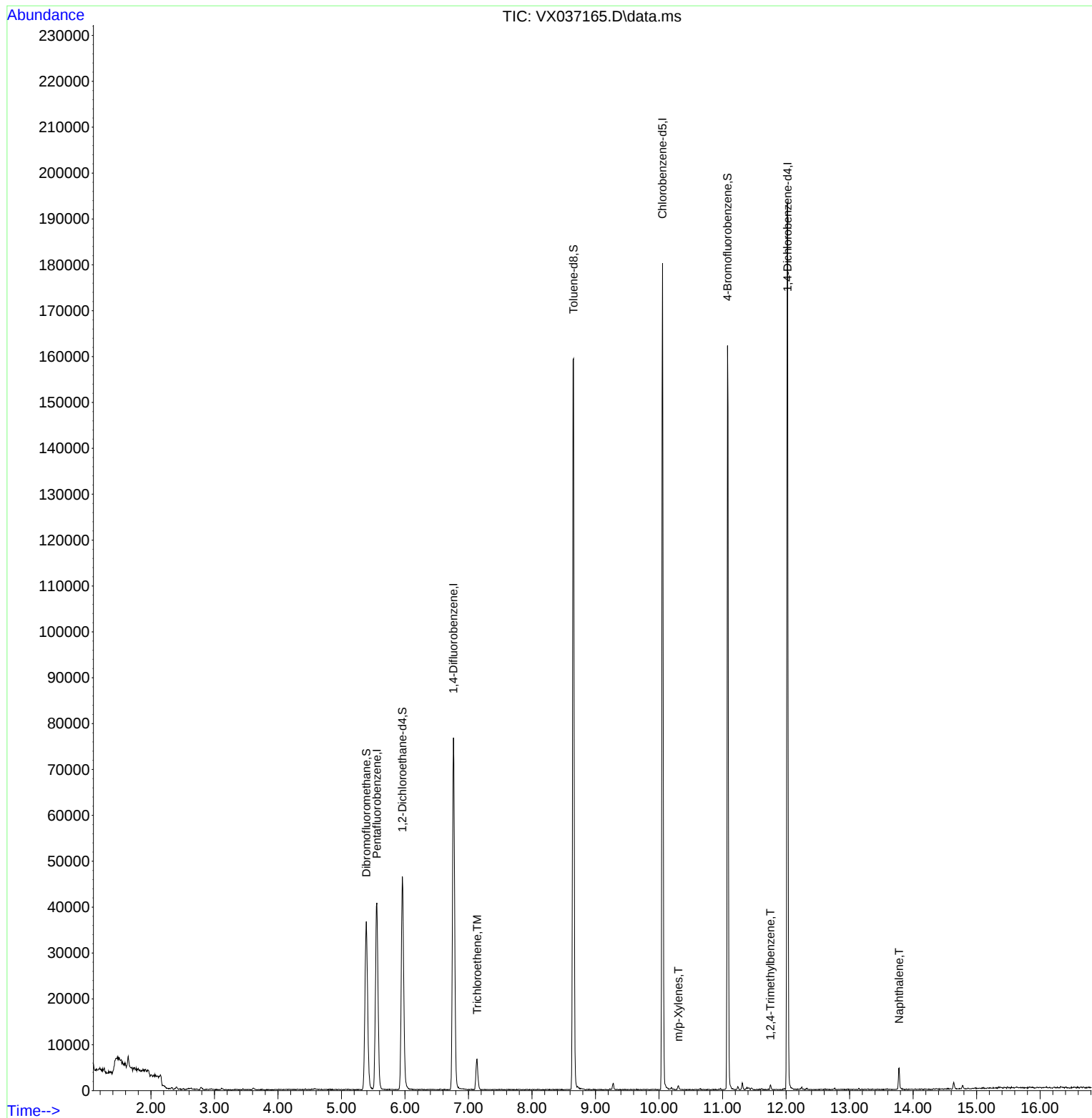
Internal Standards						
1) Pentafluorobenzene	5.556	168	38067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	79431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47796	87.091	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 174.180%#	
35) Dibromofluoromethane	5.391	113	33025	62.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 125.560%#	
50) Toluene-d8	8.653	98	100560	52.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	11.079	95	44666	59.563	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.120%	
Target Compounds						
					Qvalue	
44) Trichloroethene	7.135	130	2820	4.640	ug/l	86
68) m/p-Xylenes	10.305	106	279	0.231	ug/l	79
84) 1,2,4-Trimethylbenzene	11.756	105	726	0.286	ug/l	93
95) Naphthalene	13.780	128	3871	1.121	ug/l	99

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

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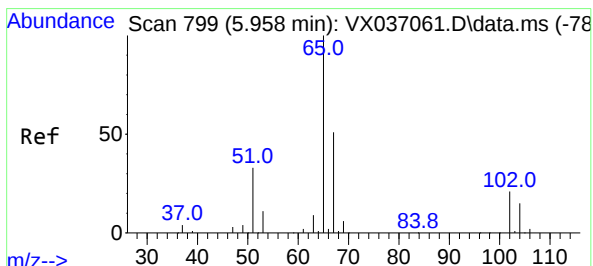
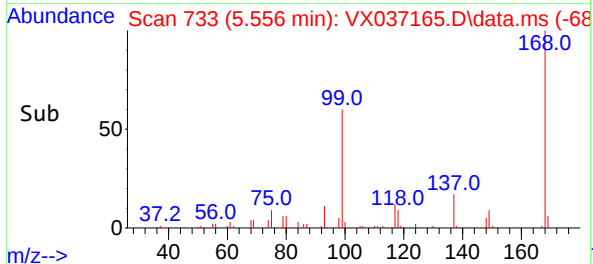
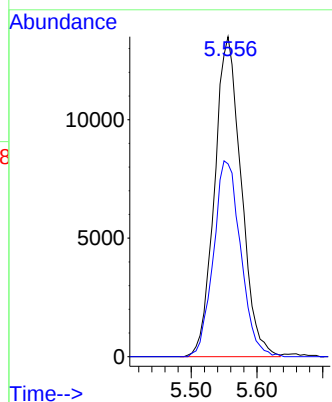
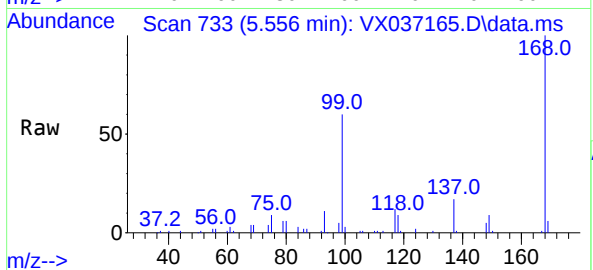




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

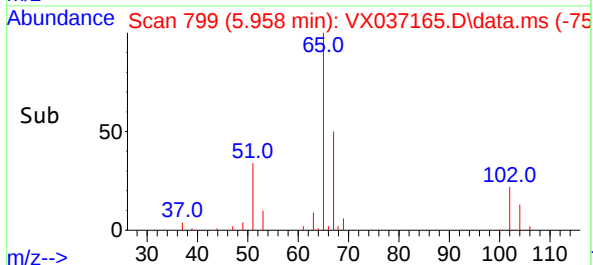
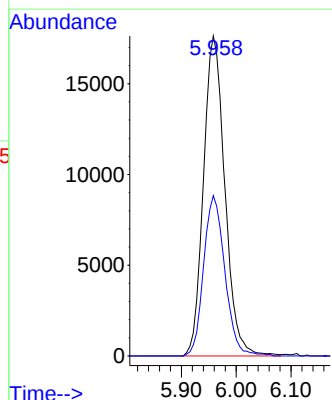
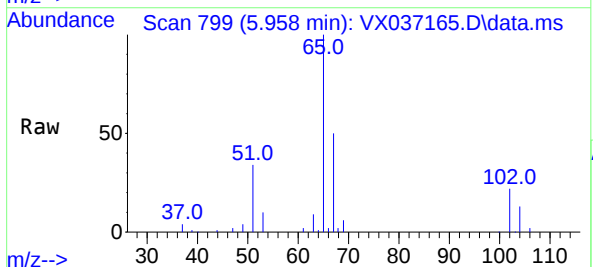
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20230816

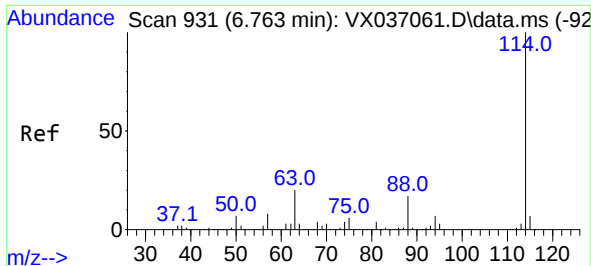
Tgt Ion:168 Resp: 38067
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 87.091 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

Tgt Ion: 65 Resp: 47796
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.2

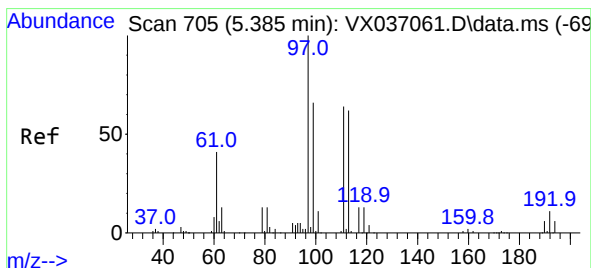
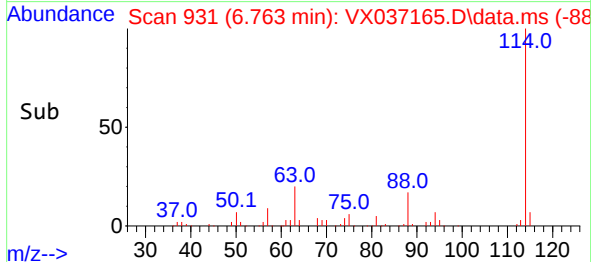
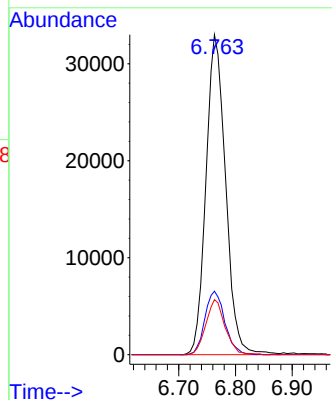
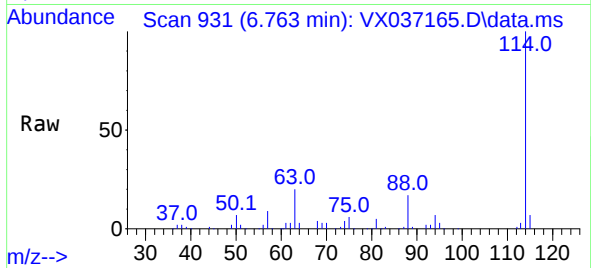




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

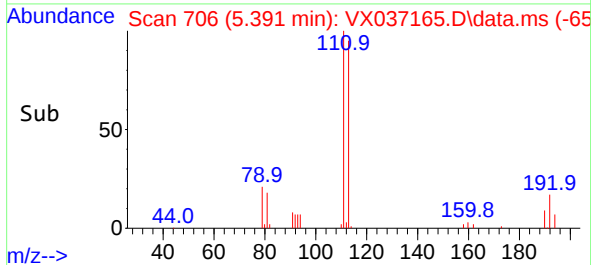
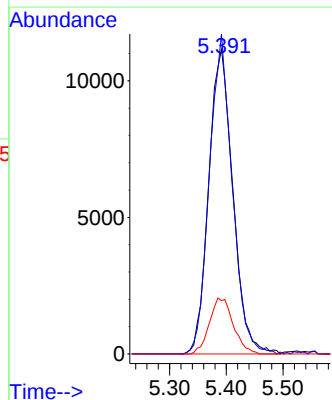
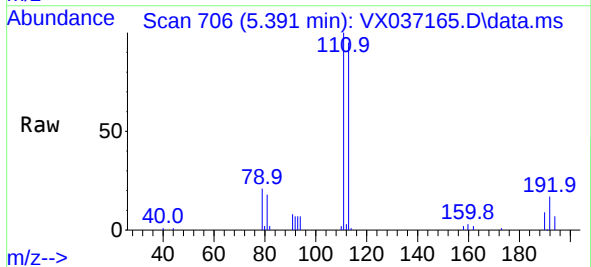
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20230816

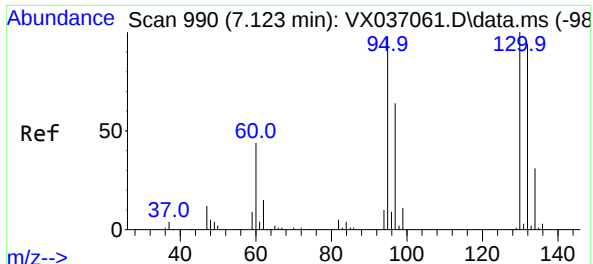
Tgt Ion:114 Resp: 79431
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 62.779 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

Tgt Ion:113 Resp: 33025
Ion Ratio Lower Upper
113 100
111 99.7 82.9 124.3
192 18.1 13.3 19.9





#44

Trichloroethene

Concen: 4.640 ug/l

RT: 7.135 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX037165.D

Acq: 22 Aug 2023 20:27

Instrument :

MSVOA_X

ClientSampleId :

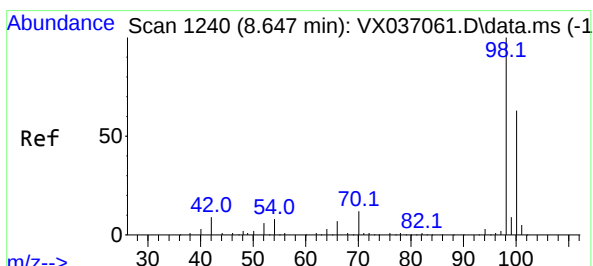
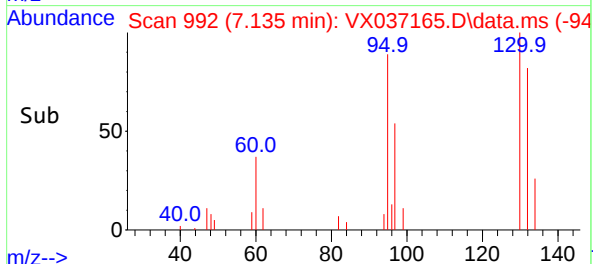
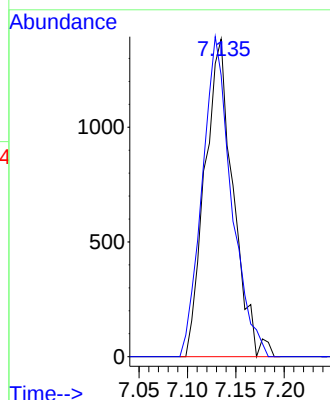
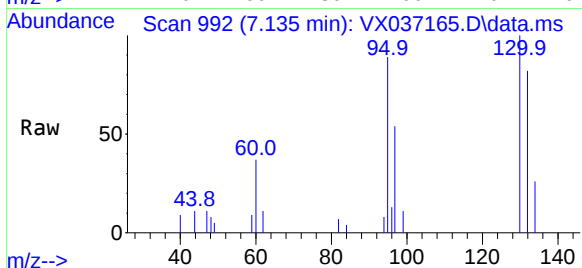
TT180D-20230816

Tgt Ion:130 Resp: 2820

Ion Ratio Lower Upper

130 100

95 88.5 0.0 204.4



#50

Toluene-d8

Concen: 52.699 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037165.D

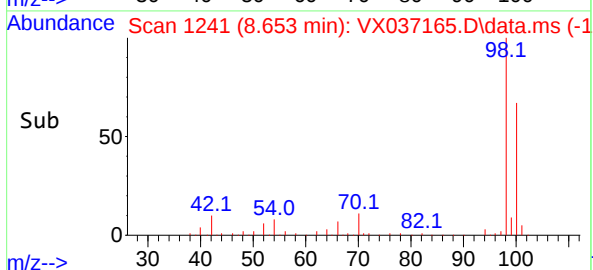
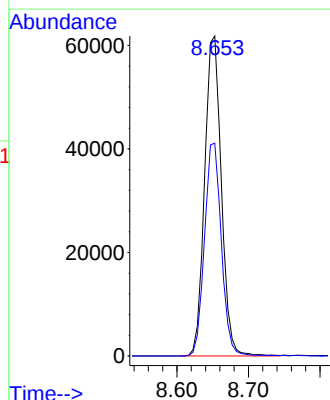
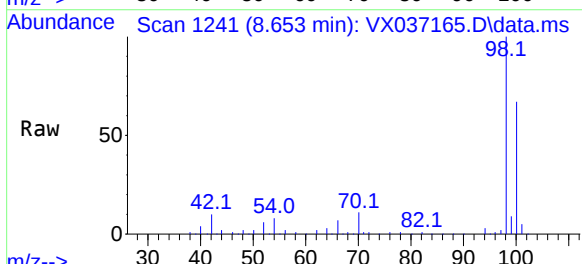
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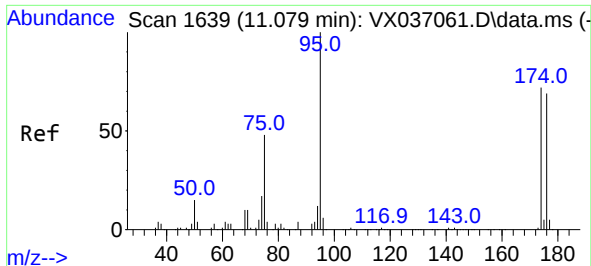
Tgt Ion: 98 Resp: 100560

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7

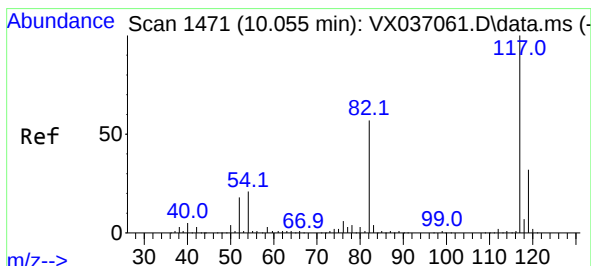
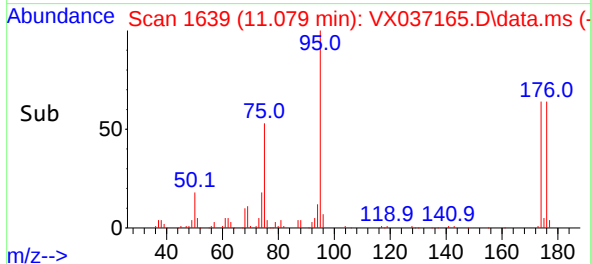
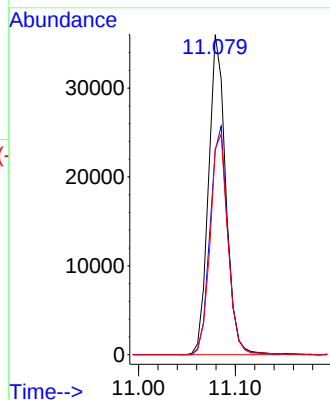
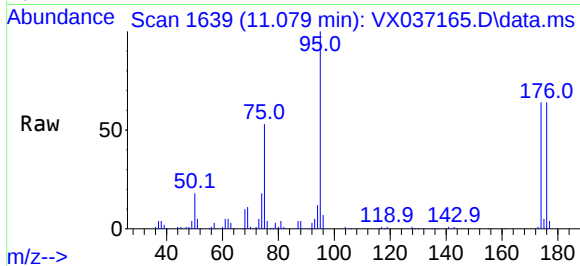




#62
4-Bromofluorobenzene
Concen: 59.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

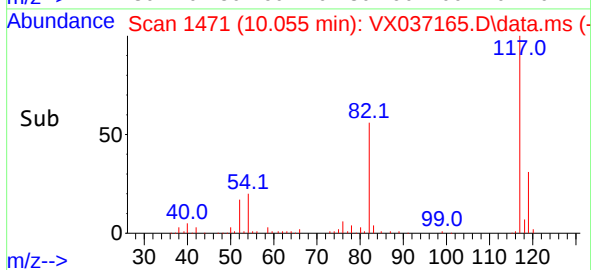
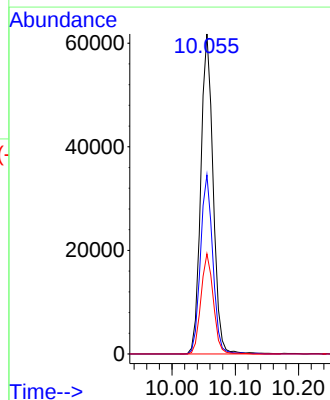
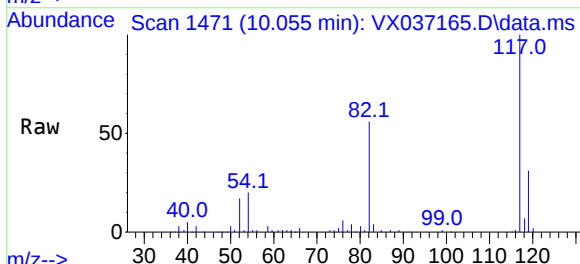
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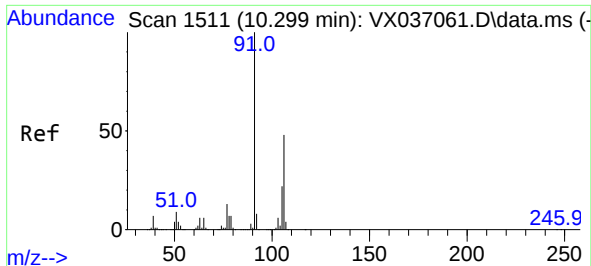
Tgt Ion: 95 Resp: 44666
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

Tgt Ion: 117 Resp: 83996
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.3 25.5 38.3

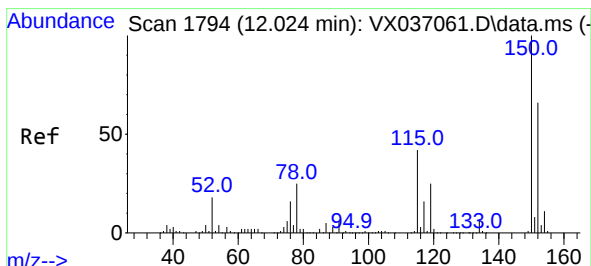
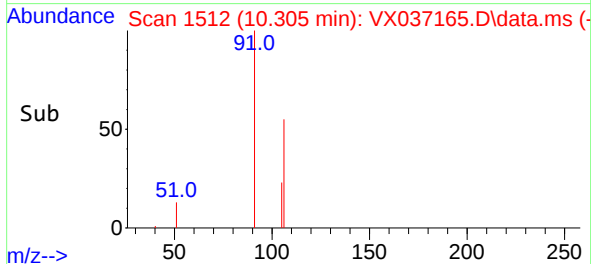
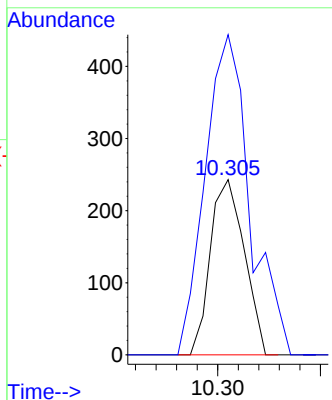
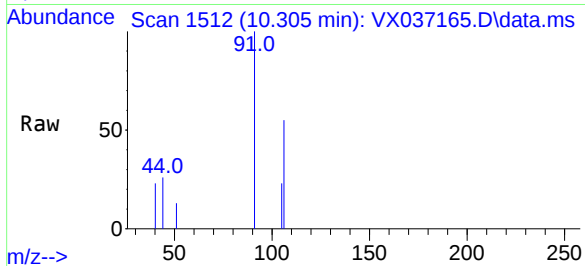




#68
m/p-Xylenes
Concen: 0.231 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

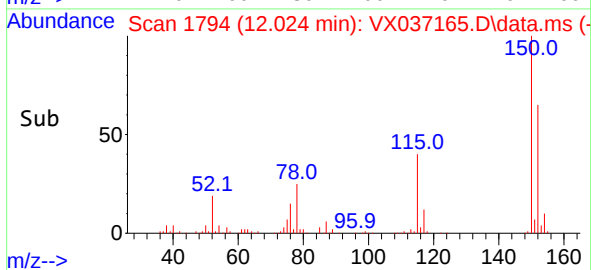
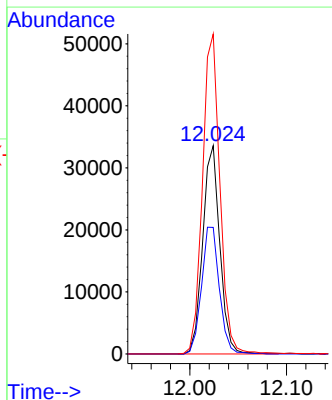
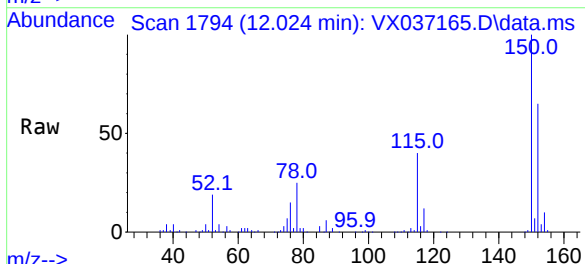
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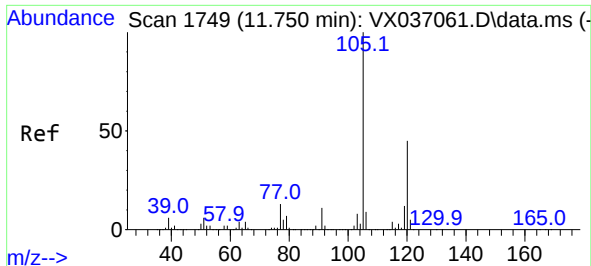
Tgt Ion:106 Resp: 279
Ion Ratio Lower Upper
106 100
91 239.8 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

Tgt Ion:152 Resp: 41415
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.7 0.0 345.0

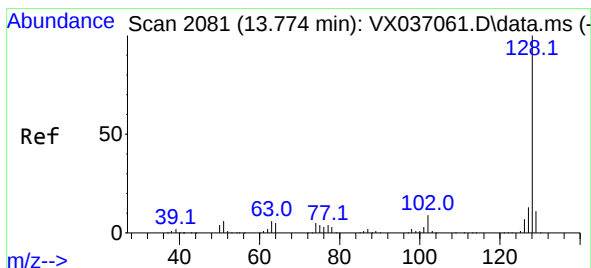
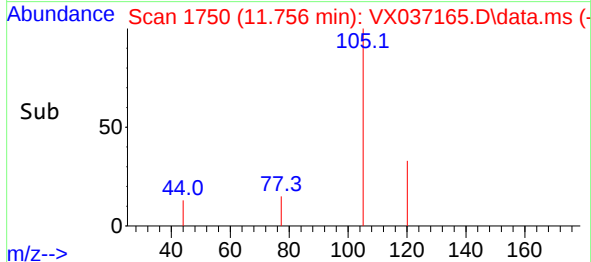
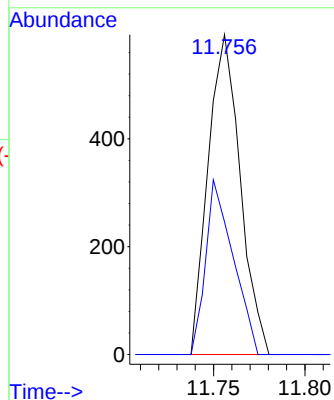
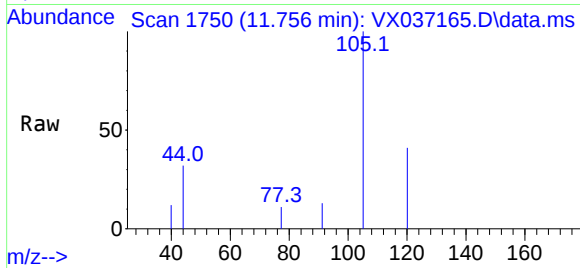




#84
1,2,4-Trimethylbenzene
Concen: 0.286 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20230816

Tgt Ion:105 Resp: 726
Ion Ratio Lower Upper
105 100
120 46.8 21.2 63.6



#95
Naphthalene
Concen: 1.121 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037165.D
Acq: 22 Aug 2023 20:27

Tgt Ion:128 Resp: 3871
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.2 8.8 13.2

