

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016522.D
 Acq On : 28 Nov 2023 16:03
 Operator : SY/MD
 Sample : 05560-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4746

Quant Time: Nov 29 03:09:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

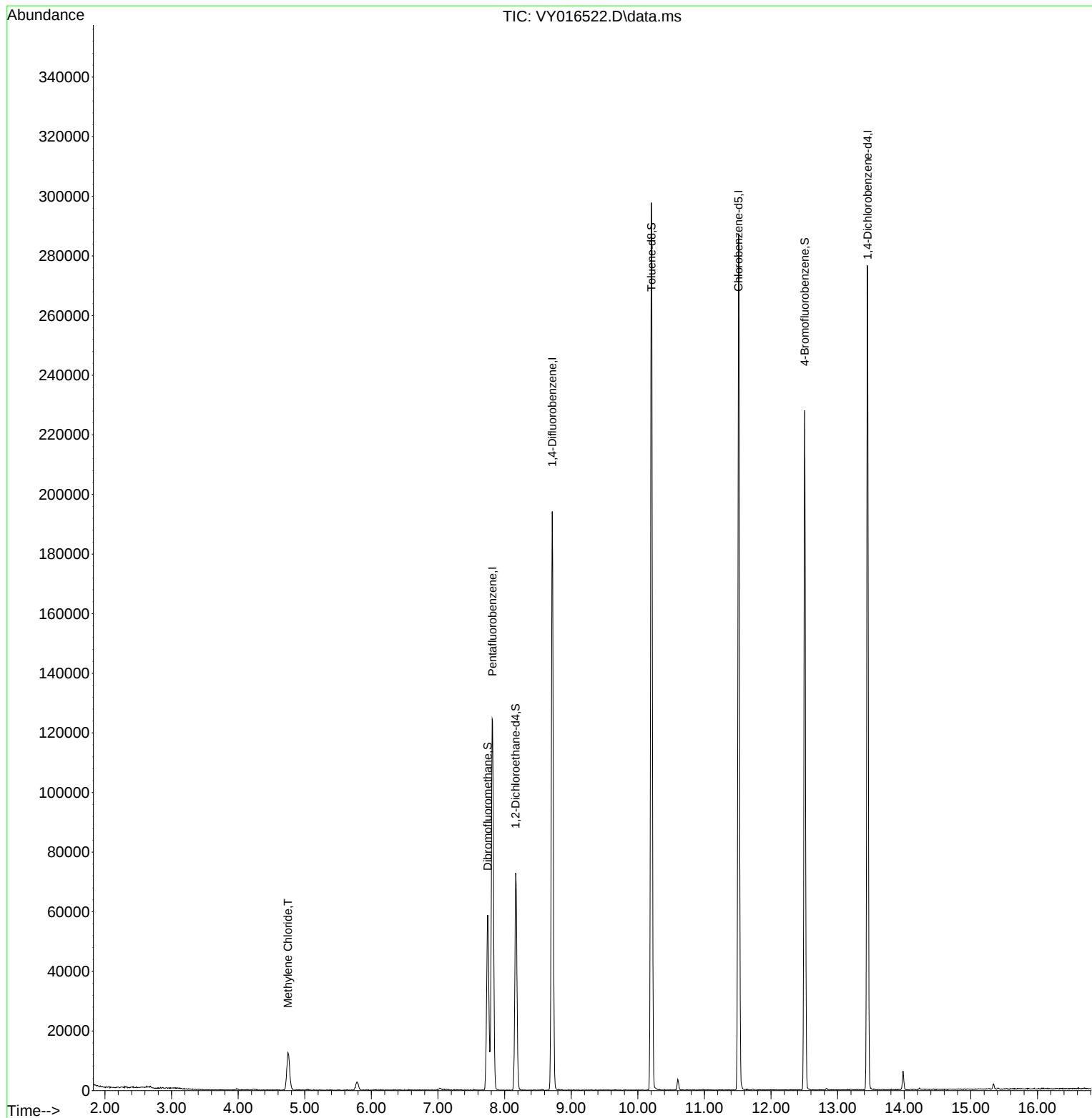
Internal Standards						
1) Pentafluorobenzene	7.819	168	103373	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	178326	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	172838	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.452	152	75791	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58282	61.688	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.380%	
35) Dibromofluoromethane	7.746	113	42902	42.351	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.700%	
50) Toluene-d8	10.203	98	207858	50.599	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.507	95	70231	52.639	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.280%	
Target Compounds						
20) Methylene Chloride	4.747	84	10872	6.843	ug/l	Qvalue # 79

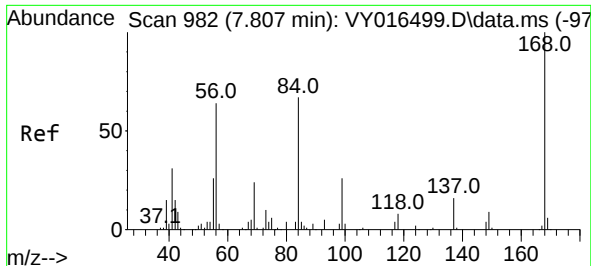
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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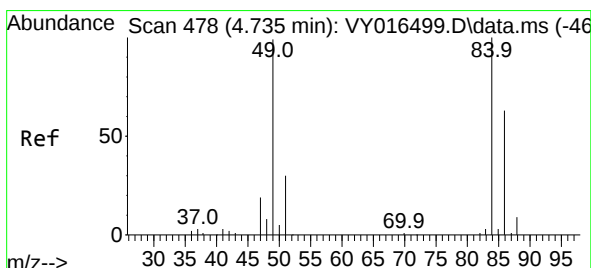
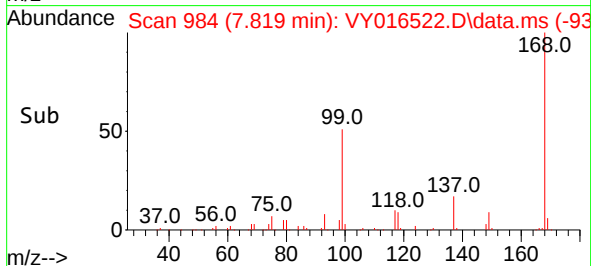
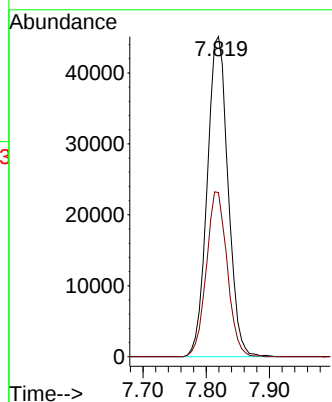
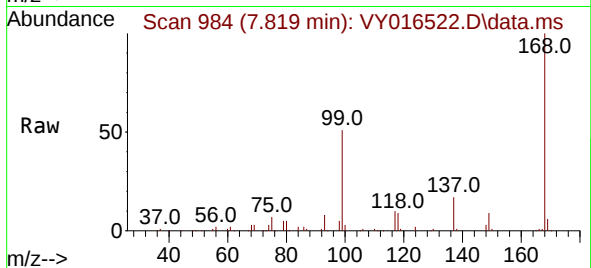




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

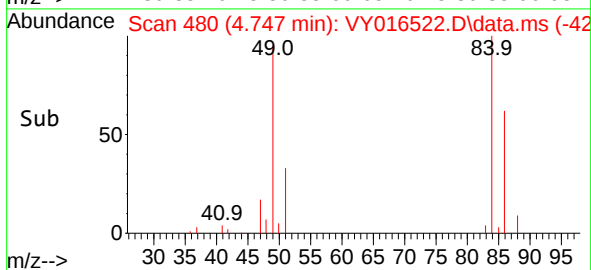
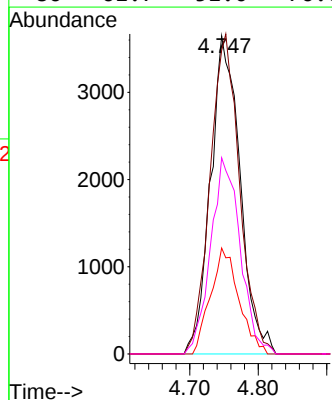
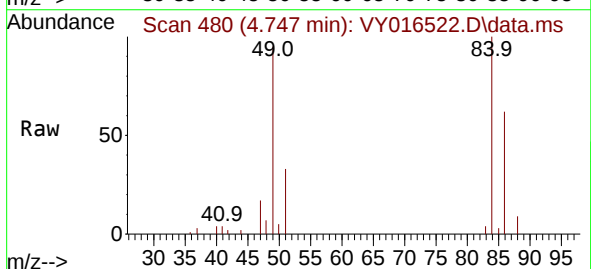
Instrument :
MSVOA_Y
ClientSampleId :
RT4746

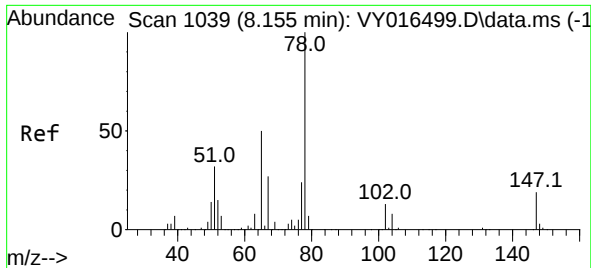
Tgt Ion:168 Resp: 103373
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#20
Methylene Chloride
Concen: 6.843 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

Tgt Ion: 84 Resp: 10872
Ion Ratio Lower Upper
84 100
49 95.4 106.9 160.3#
51 33.3 33.2 49.8
86 61.7 51.0 76.6

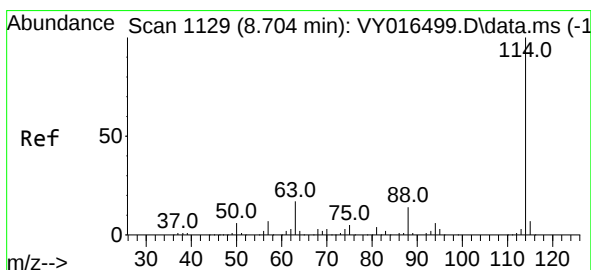
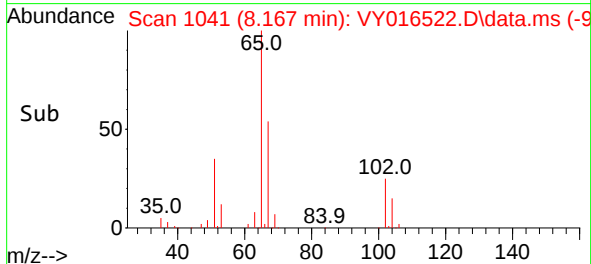
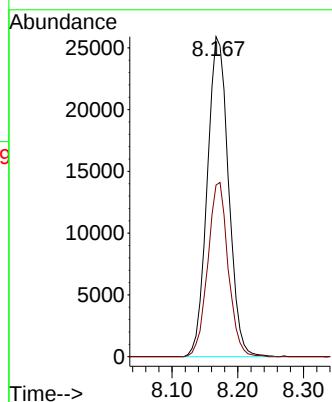
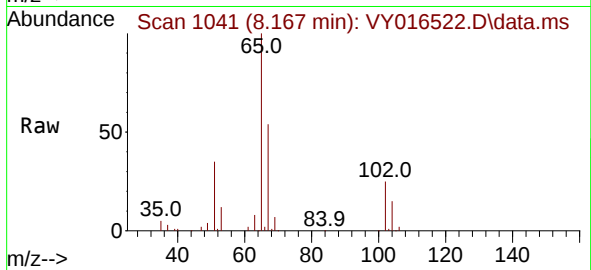




#33
1,2-Dichloroethane-d4
Concen: 61.688 ug/l
RT: 8.167 min Scan# 1103
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

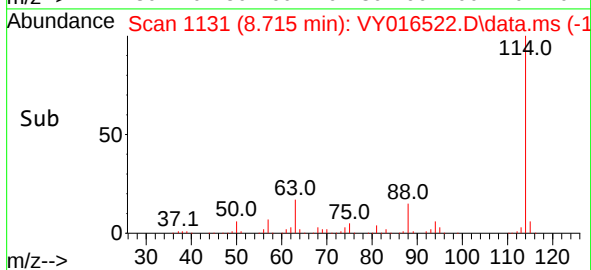
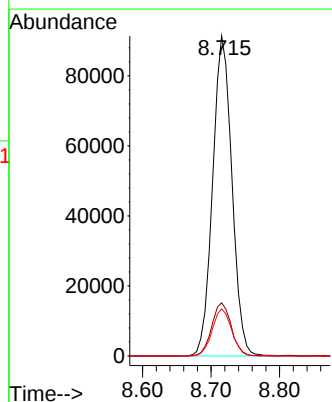
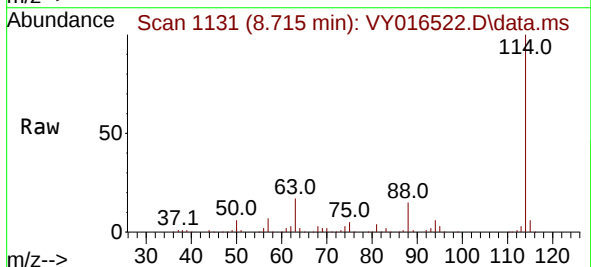
Instrument :
MSVOA_Y
ClientSampleId :
RT4746

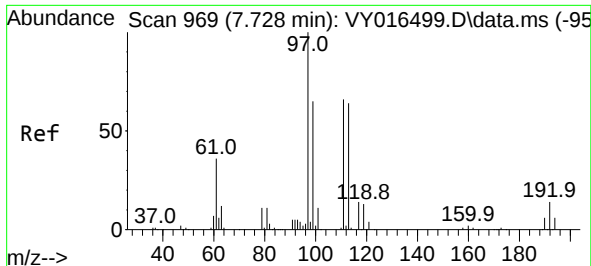
Tgt Ion: 65 Resp: 58282
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.715 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

Tgt Ion: 114 Resp: 178326
Ion Ratio Lower Upper
114 100
63 16.6 0.0 42.4
88 14.7 0.0 30.6

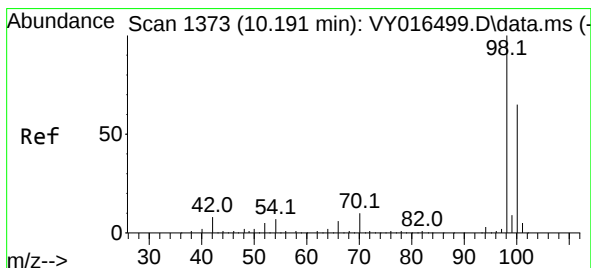
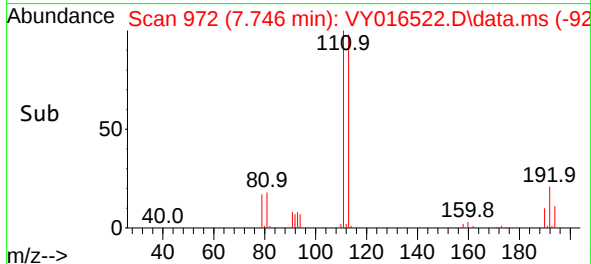
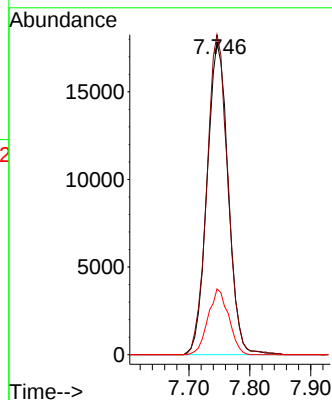
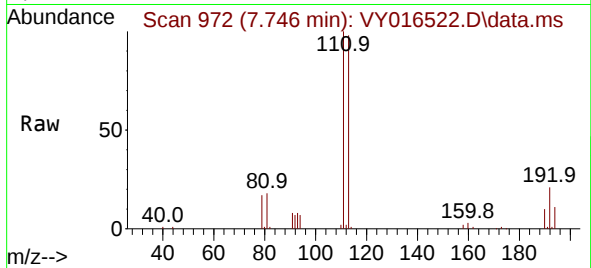




#35
Dibromofluoromethane
Concen: 42.351 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

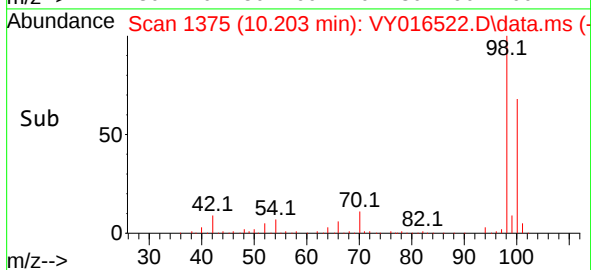
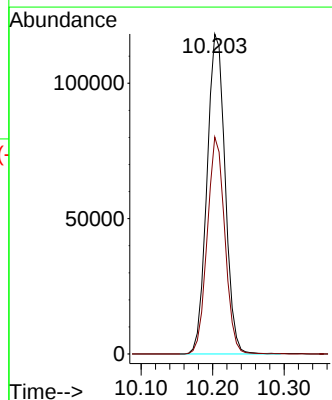
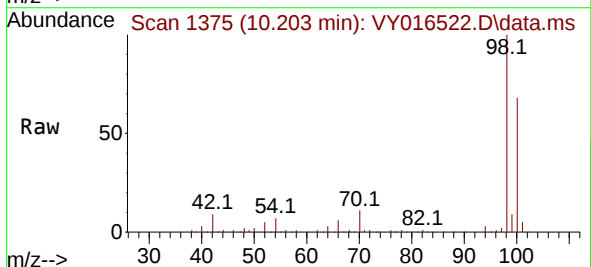
Instrument :
MSVOA_Y
ClientSampleId :
RT4746

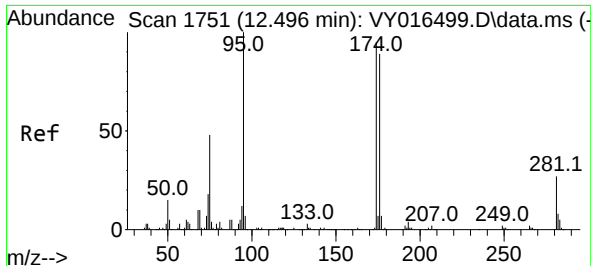
Tgt Ion:113 Resp: 42902
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 50.599 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

Tgt Ion: 98 Resp: 207858
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

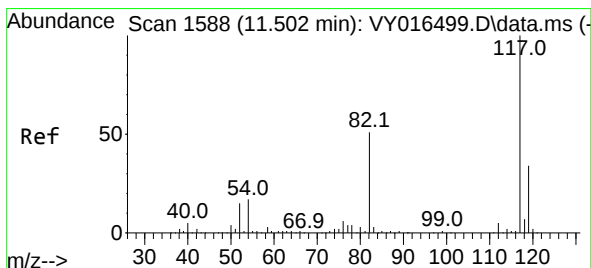
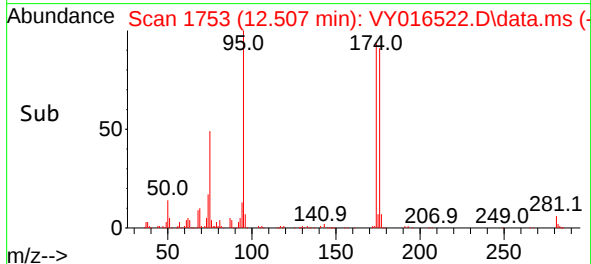
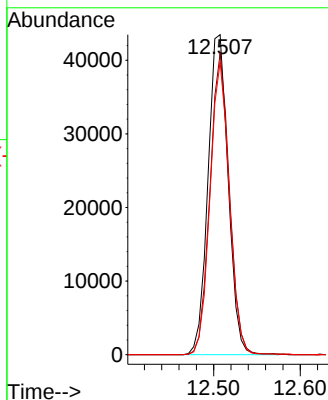
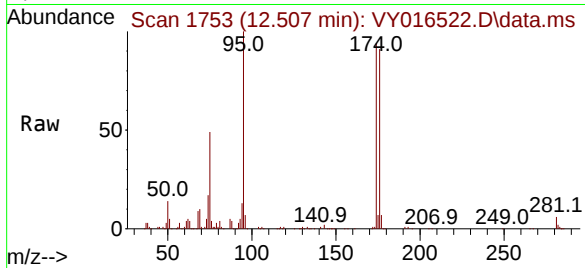




#62
4-Bromofluorobenzene
Concen: 52.639 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

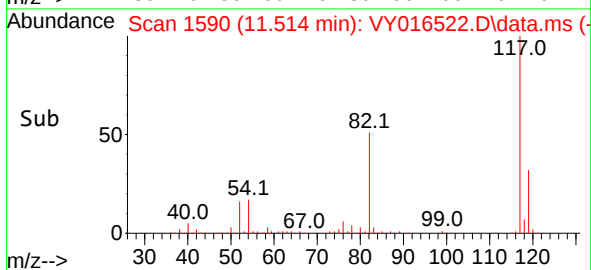
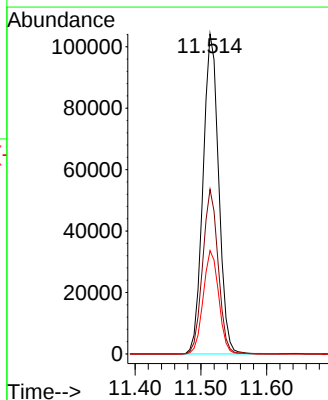
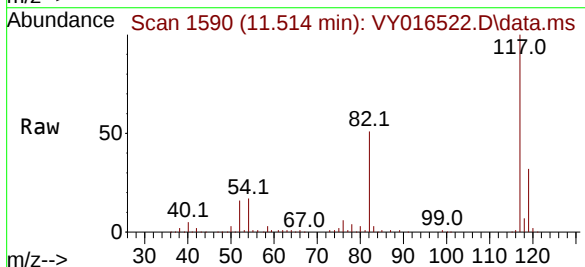
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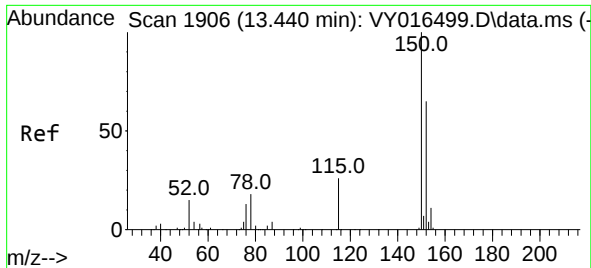
Tgt Ion: 95 Resp: 70231
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016522.D
Acq: 28 Nov 2023 16:03

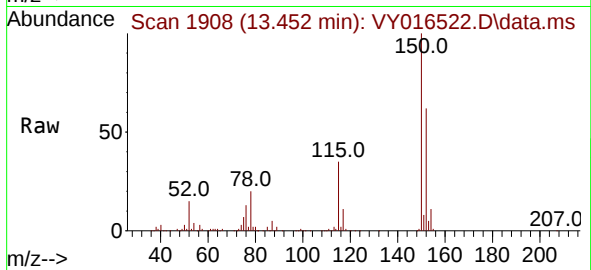
Tgt Ion: 117 Resp: 172838
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. 0.018 min
 Lab File: VY016522.D
 Acq: 28 Nov 2023 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4746



Tgt Ion:	152	Resp:	75791
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.8	86.5
150	159.5	0.0	348.8

