

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014169.D
 Acq On : 14 Jun 2023 21:20
 Operator : KP/MD
 Sample : 03223-23
 Misc : 7.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-03-GRAB-6

Quant Time: Jun 15 01:48:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

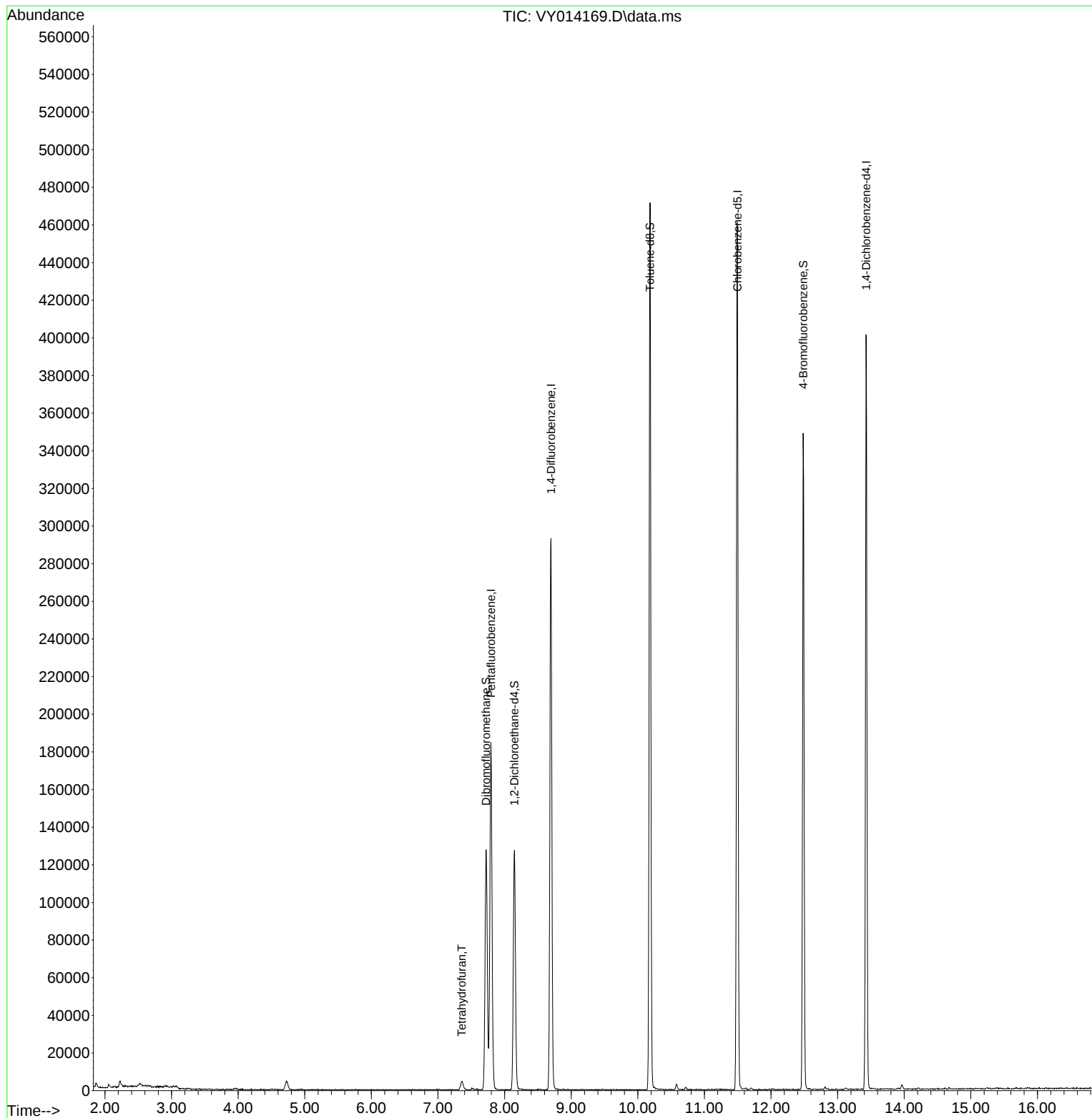
Internal Standards						
1) Pentafluorobenzene	7.795	168	140046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	245910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	248856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	108123	55.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.880%
35) Dibromofluoromethane	7.722	113	85708	49.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.185	98	303705	46.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.483	95	96583	41.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.400%
Target Compounds						
29) Tetrahydrofuran	7.356	42	3575	7.791	ug/l	92

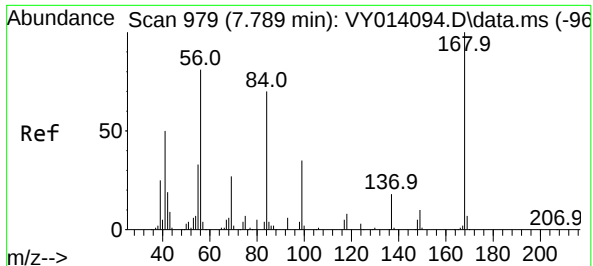
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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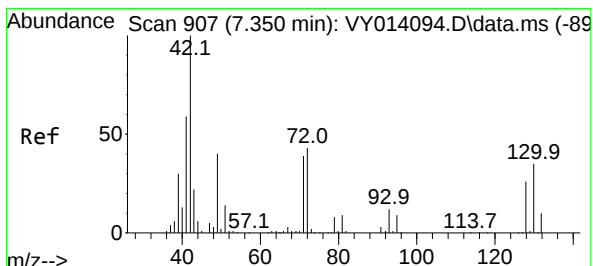
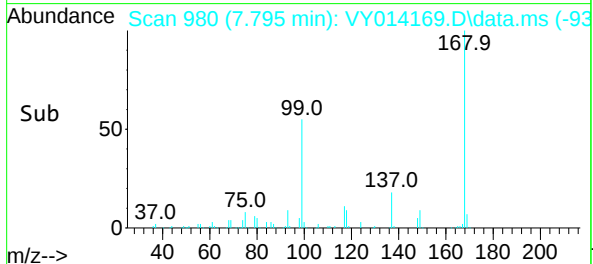
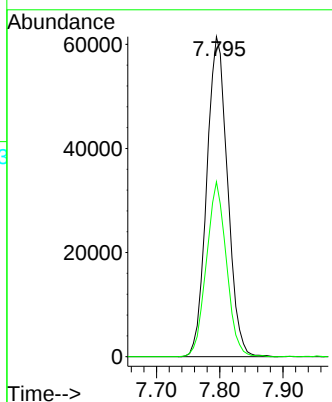
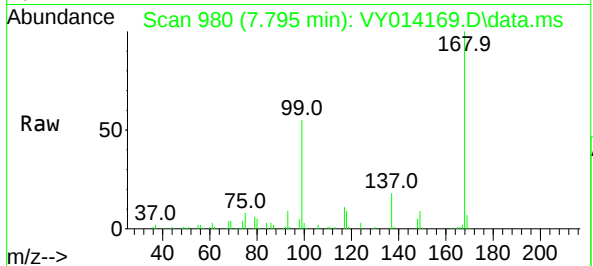




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014169.D
Acq: 14 Jun 2023 21:20

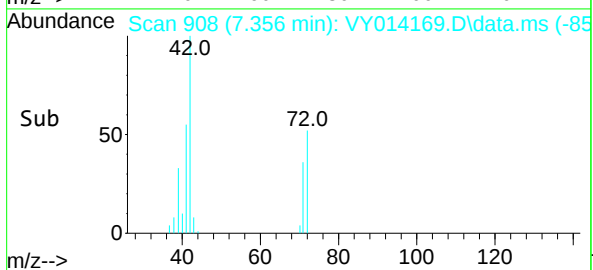
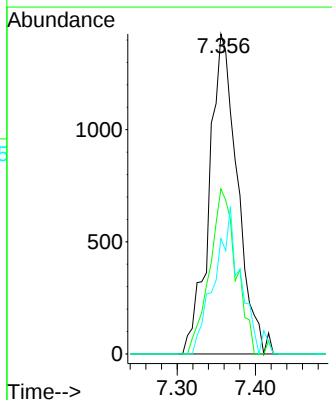
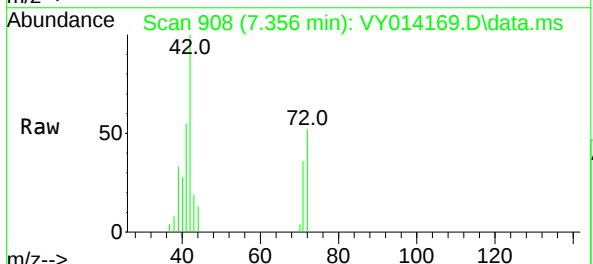
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-03-GRAB-6

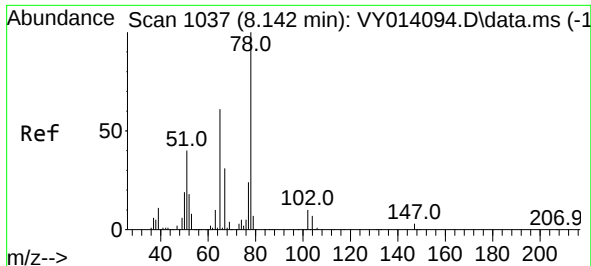
Tgt Ion:168 Resp: 140046
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#29
Tetrahydrofuran
Concen: 7.791 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014169.D
Acq: 14 Jun 2023 21:20

Tgt Ion: 42 Resp: 3575
Ion Ratio Lower Upper
42 100
72 48.3 32.8 49.2
71 40.8 31.0 46.4

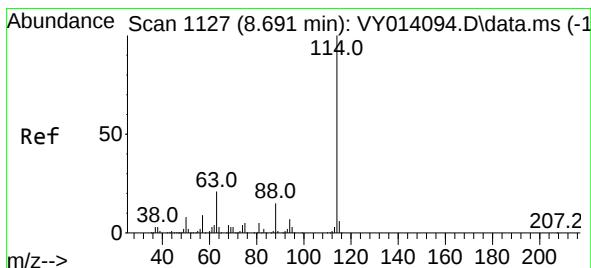
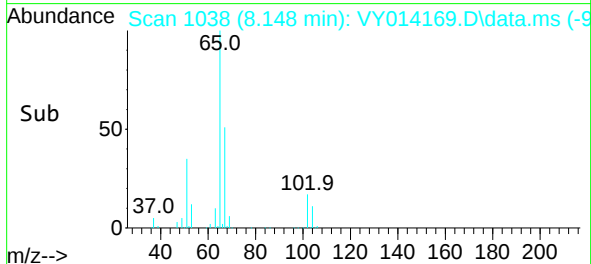
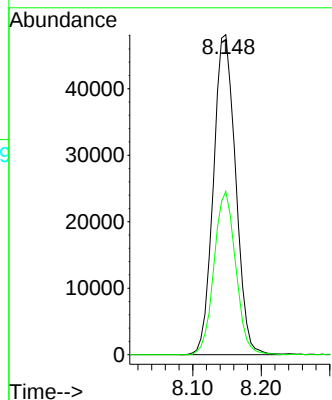
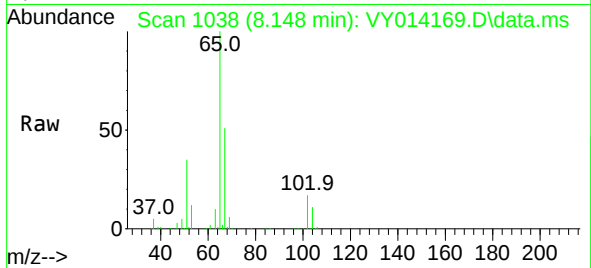




#33
 1,2-Dichloroethane-d4
 Concen: 55.443 ug/l
 RT: 8.148 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY014169.D
 Acq: 14 Jun 2023 21:20

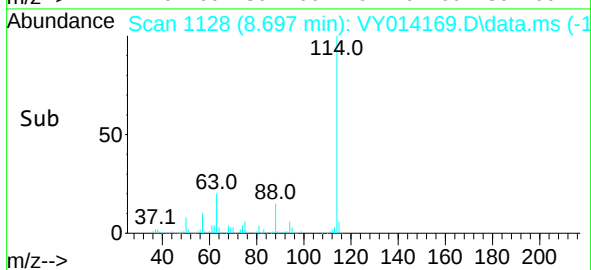
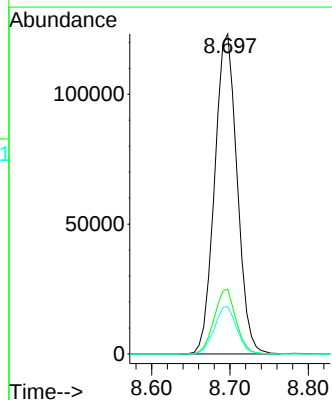
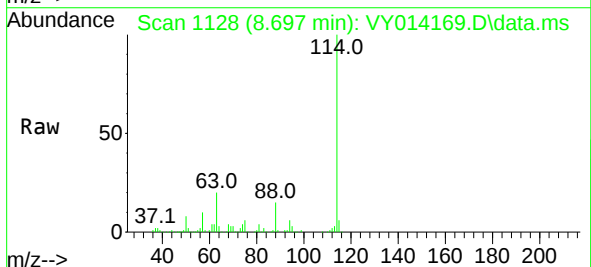
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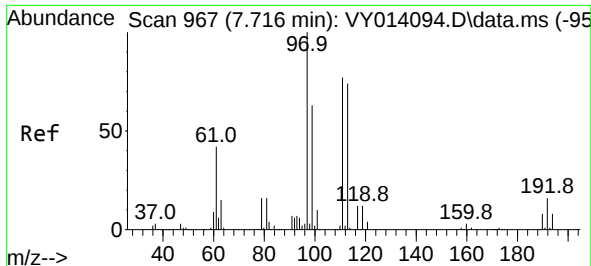
Tgt Ion: 65 Resp: 108123
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY014169.D
 Acq: 14 Jun 2023 21:20

Tgt Ion: 114 Resp: 245910
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 14.8 0.0 30.6

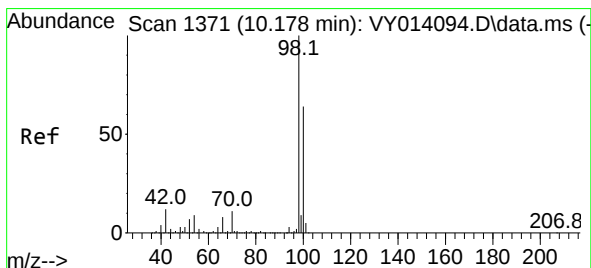
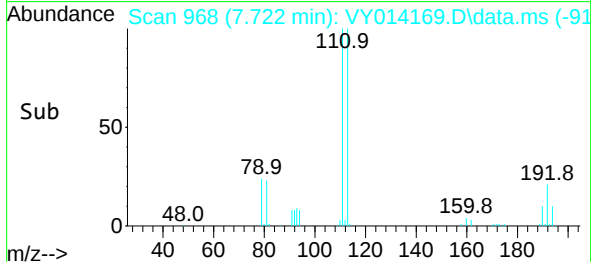
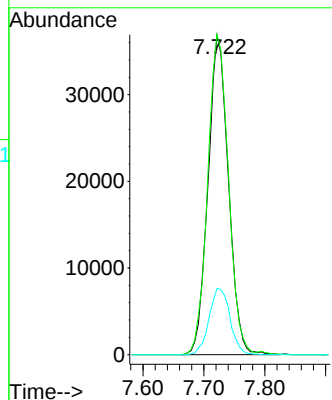
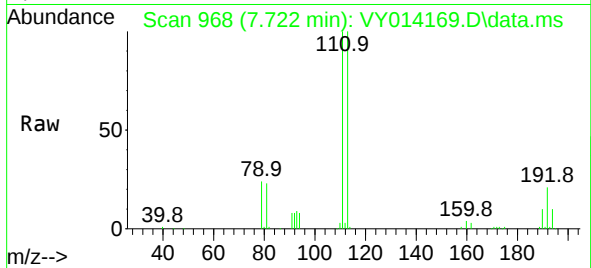




#35
Dibromofluoromethane
Concen: 49.146 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014169.D
Acq: 14 Jun 2023 21:20

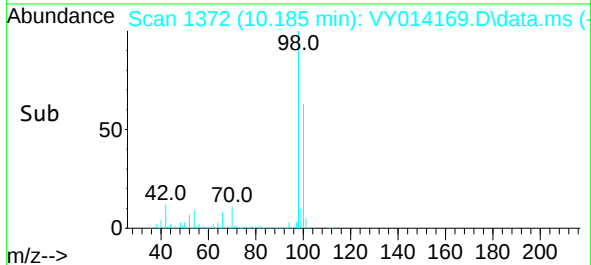
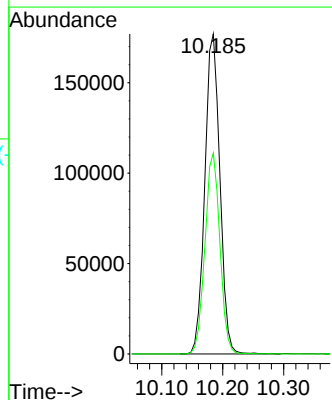
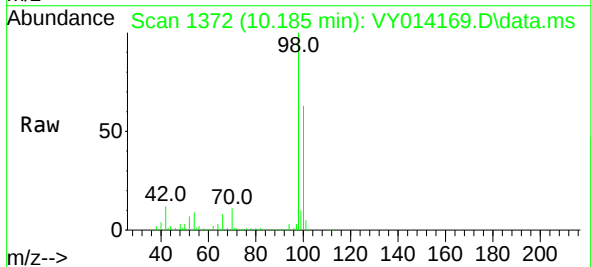
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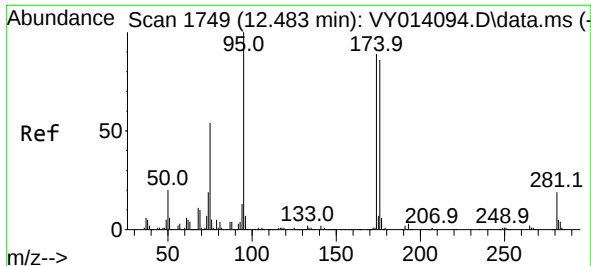
Tgt Ion:113 Resp: 85708
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.3 16.9 25.3



#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014169.D
Acq: 14 Jun 2023 21:20

Tgt Ion: 98 Resp: 303705
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

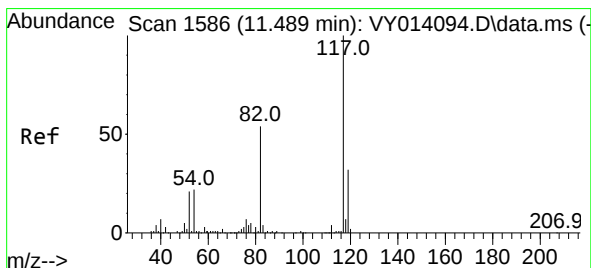
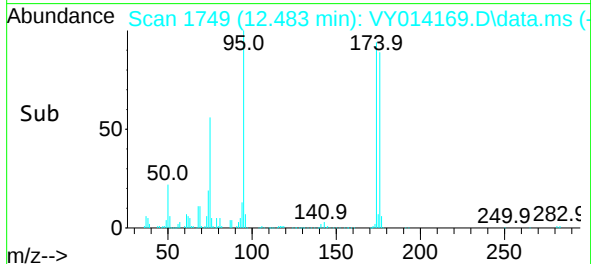
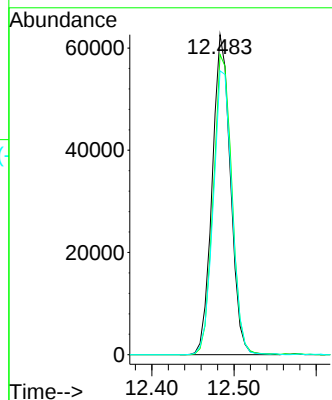
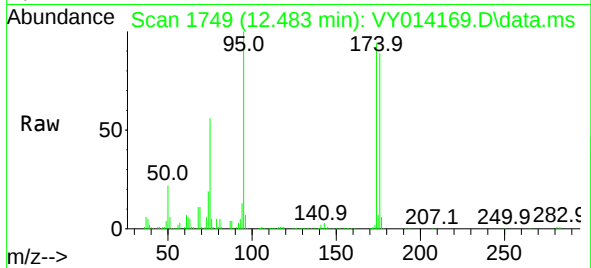




#62
4-Bromofluorobenzene
Concen: 41.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014169.D
Acq: 14 Jun 2023 21:20

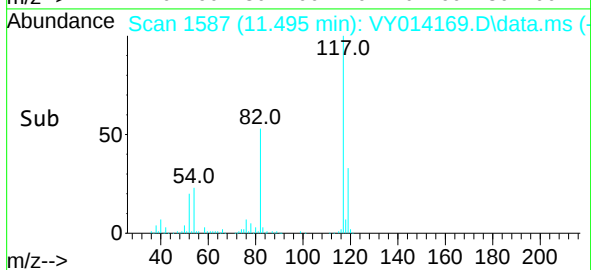
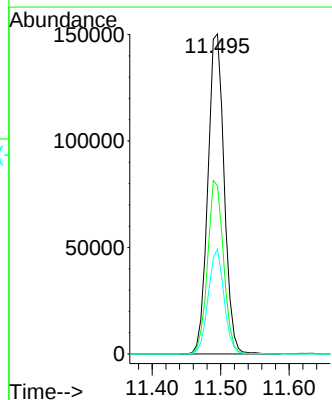
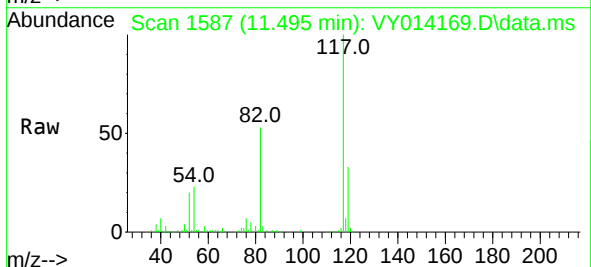
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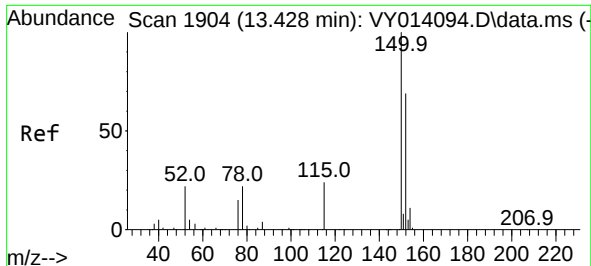
Tgt Ion: 95 Resp: 96583
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 91.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014169.D
Acq: 14 Jun 2023 21:20

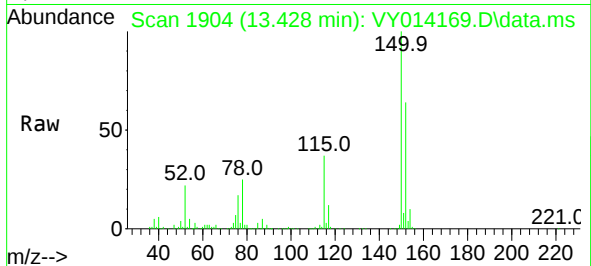
Tgt Ion: 117 Resp: 248856
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY014169.D
 Acq: 14 Jun 2023 21:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-03-GRAB-6



Tgt Ion:152 Resp: 101988
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.8 86.5
 150 155.4 0.0 348.8

