

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014173.D
 Acq On : 14 Jun 2023 22:54
 Operator : KP/MD
 Sample : 03224-11
 Misc : 7.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-10-GRAB-7

Quant Time: Jun 15 01:49:36 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)

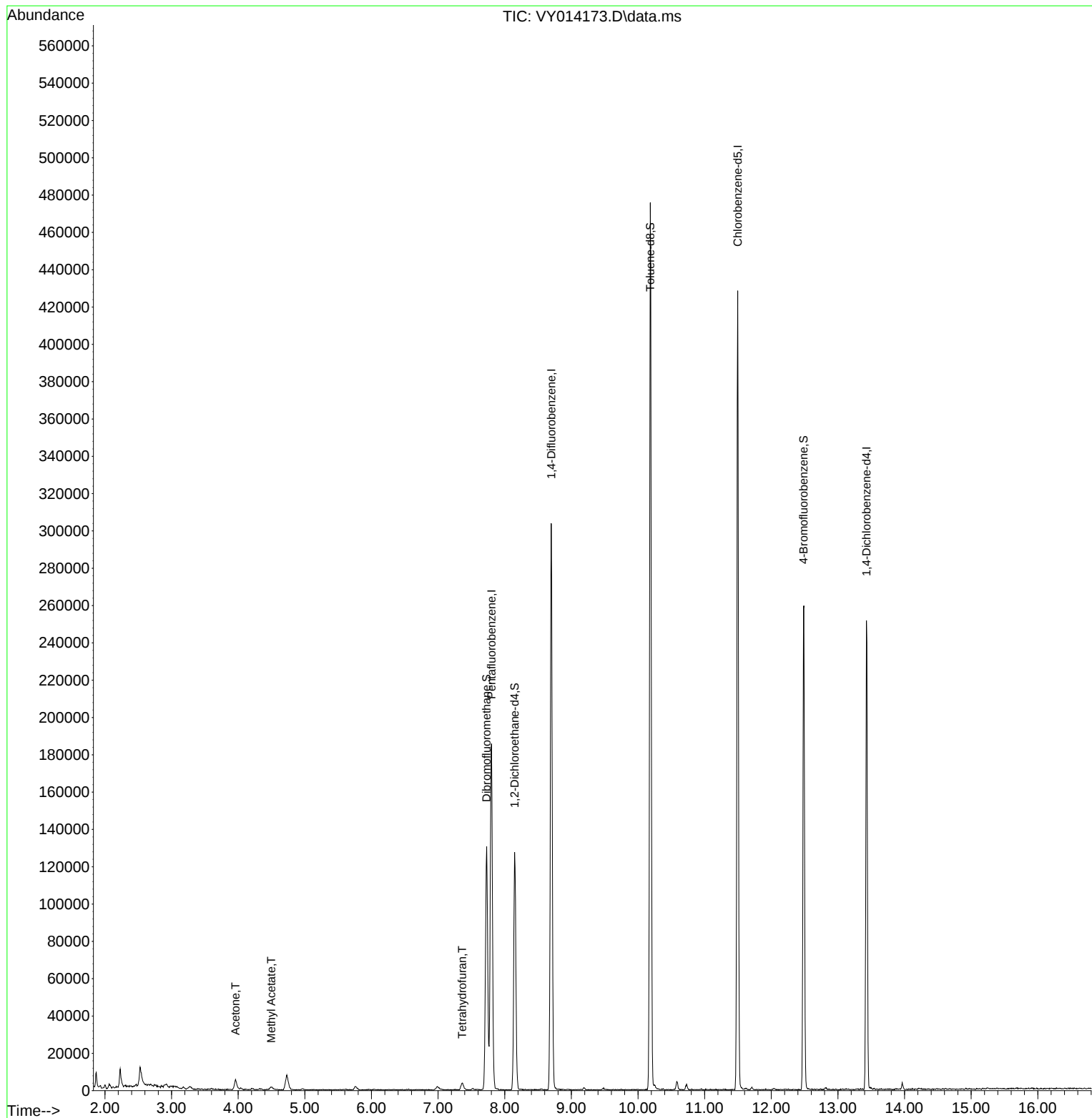
Internal Standards						
1) Pentafluorobenzene	7.801	168	145361	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	250005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105108	51.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.860%	
35) Dibromofluoromethane	7.728	113	86509	48.793	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.580%	
50) Toluene-d8	10.185	98	304088	45.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.760%	
62) 4-Bromofluorobenzene	12.483	95	75045	31.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 63.740%	
Target Compounds						Qvalue
16) Acetone	3.960	43	9072	14.868	ug/l	96
18) Methyl Acetate	4.497	43	3229	1.363	ug/l	92
29) Tetrahydrofuran	7.362	42	2964	6.223	ug/l	96

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

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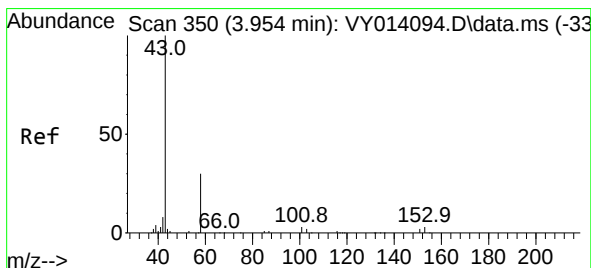
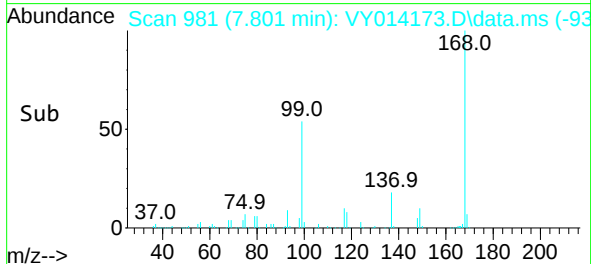
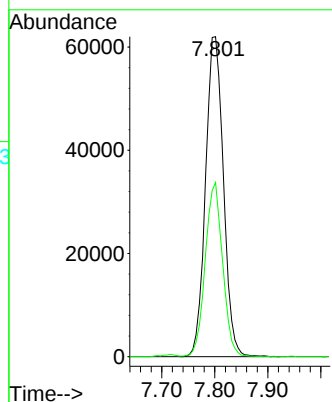
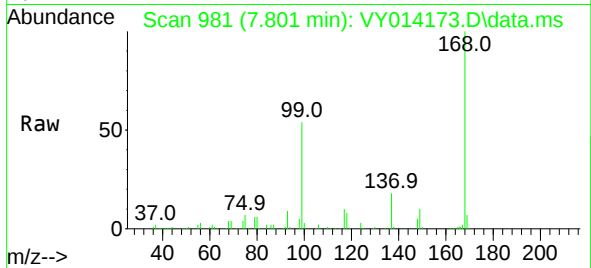




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

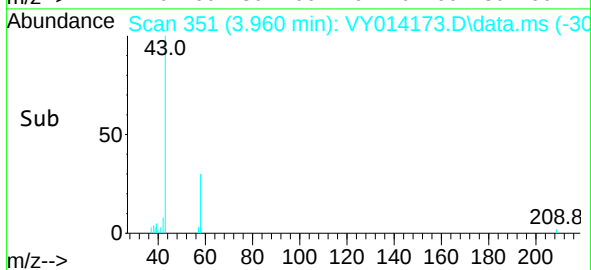
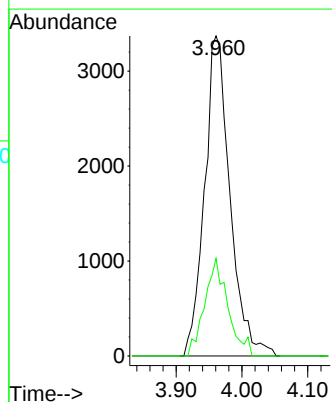
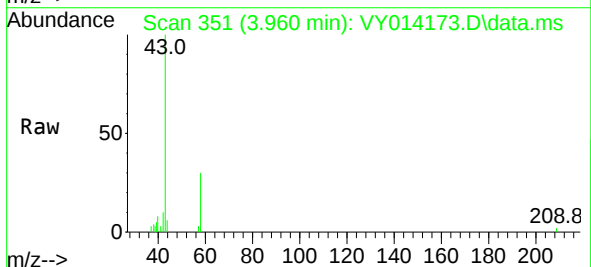
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MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-7

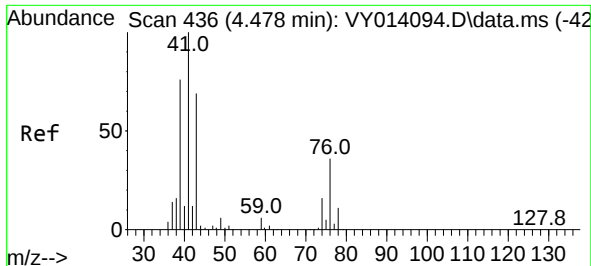
Tgt Ion:168 Resp: 145361
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 14.868 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

Tgt Ion: 43 Resp: 9072
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1

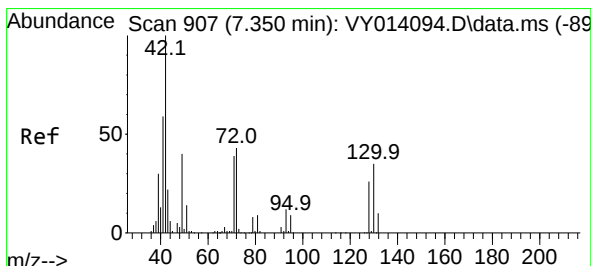
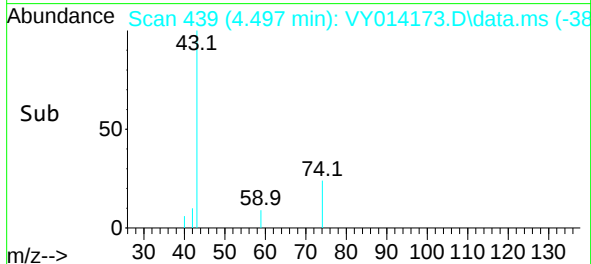
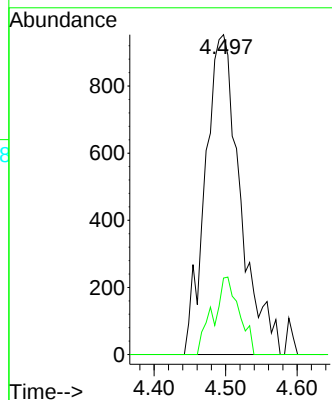
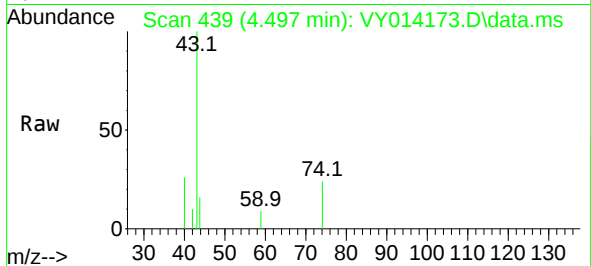




#18
Methyl Acetate
Concen: 1.363 ug/l
RT: 4.497 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

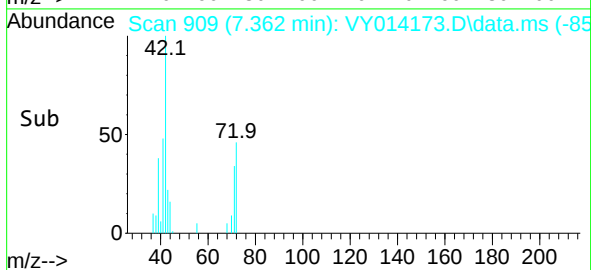
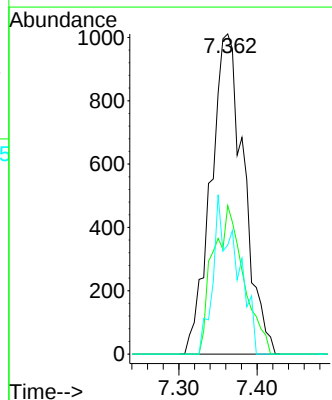
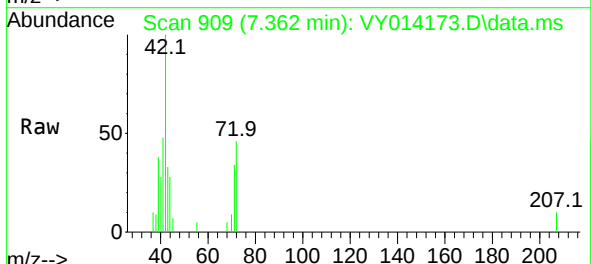
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-7

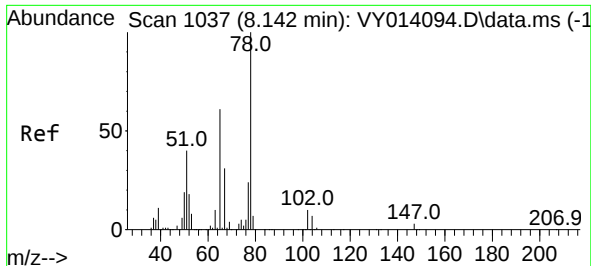
Tgt Ion: 43 Resp: 3229
Ion Ratio Lower Upper
43 100
74 18.0 17.4 26.0



#29
Tetrahydrofuran
Concen: 6.223 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

Tgt Ion: 42 Resp: 2964
Ion Ratio Lower Upper
42 100
72 42.8 32.8 49.2
71 35.6 31.0 46.4

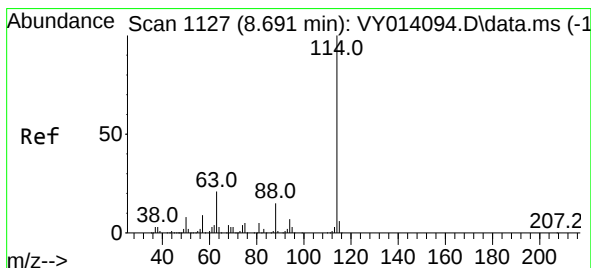
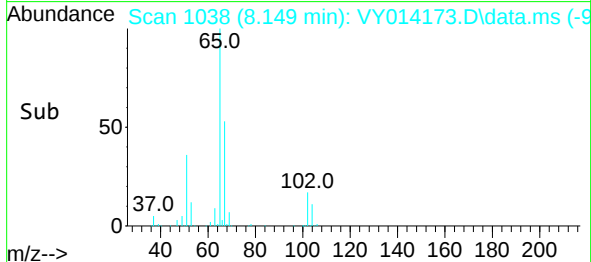
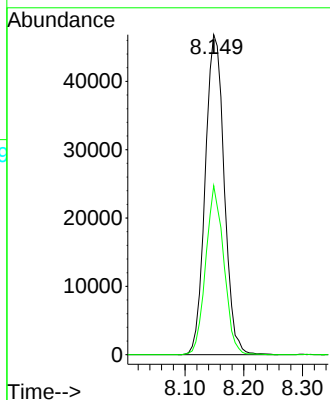
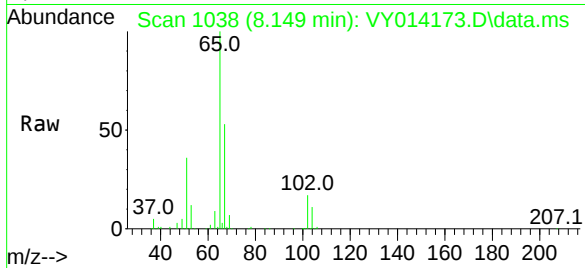




#33
1,2-Dichloroethane-d4
Concen: 51.926 ug/l
RT: 8.149 min Scan# 110
Delta R.T. 0.007 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

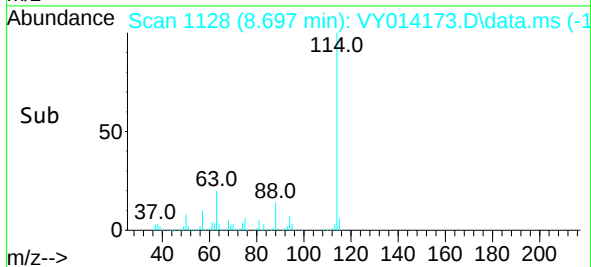
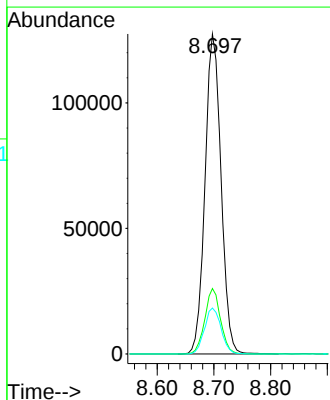
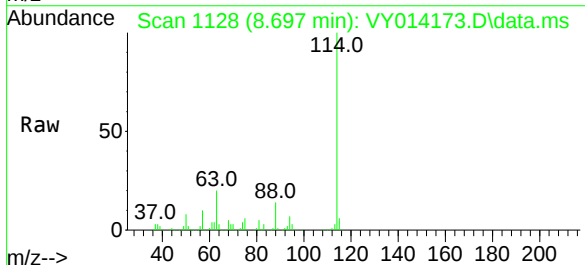
Instrument :
MSVOA_Y
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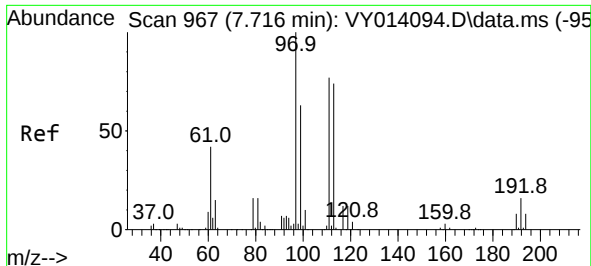
Tgt Ion: 65 Resp: 105108
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

Tgt Ion: 114 Resp: 250005
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 14.3 0.0 30.6

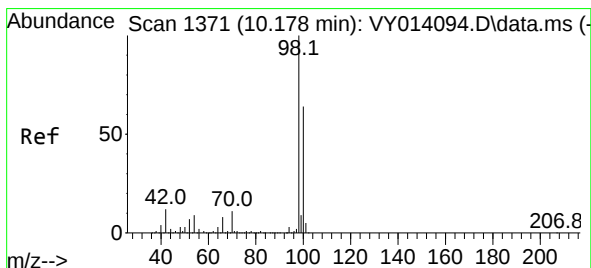
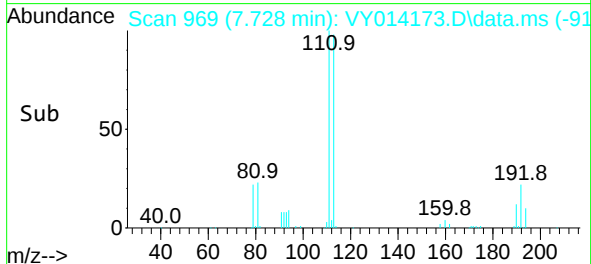
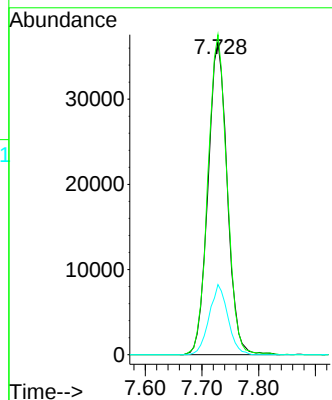
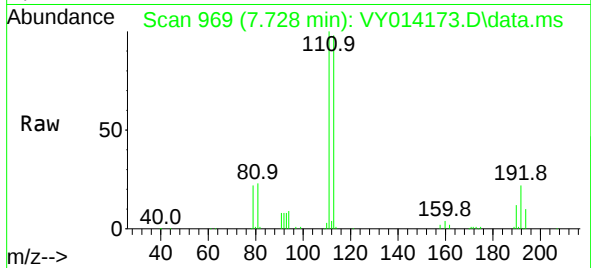




#35
Dibromofluoromethane
Concen: 48.793 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

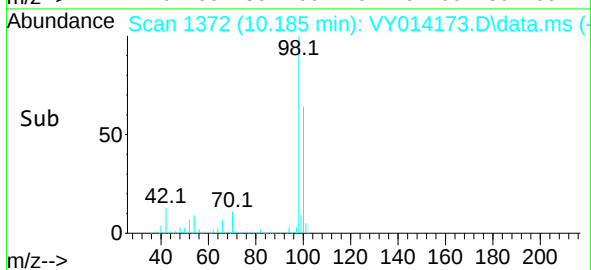
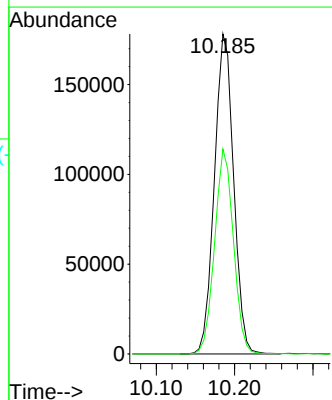
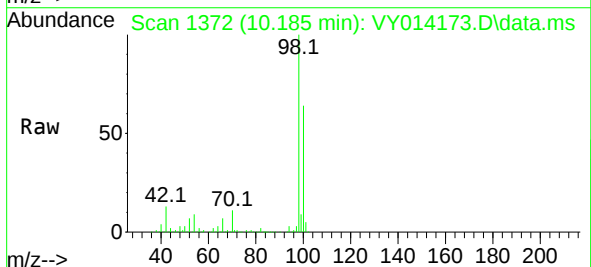
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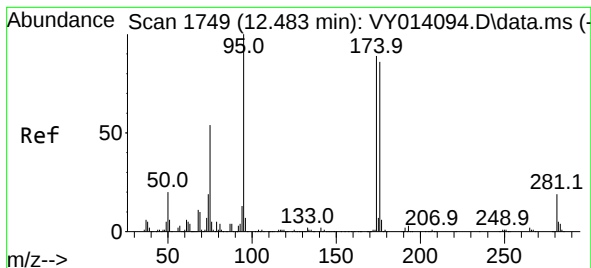
Tgt Ion:113 Resp: 86509
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 21.8 16.9 25.3



#50
Toluene-d8
Concen: 45.876 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

Tgt Ion: 98 Resp: 304088
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

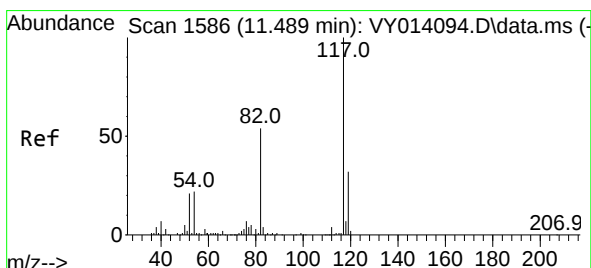
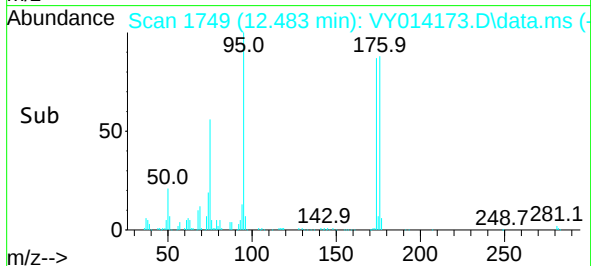
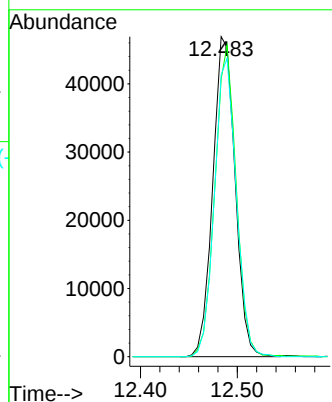
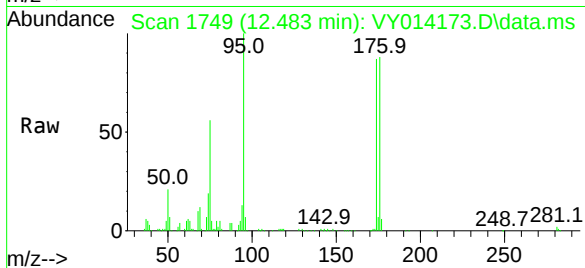




#62
4-Bromofluorobenzene
Concen: 31.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

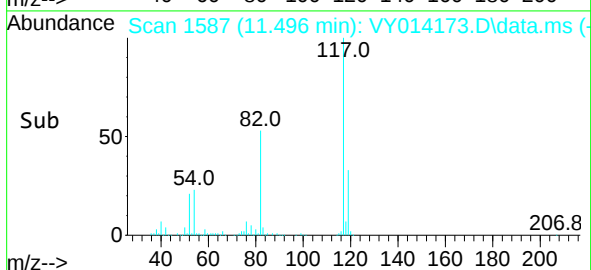
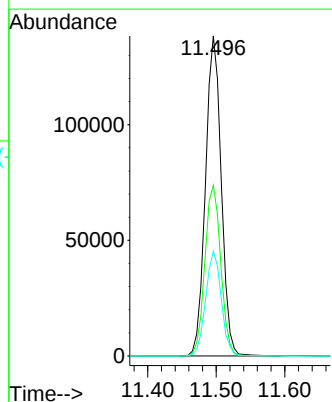
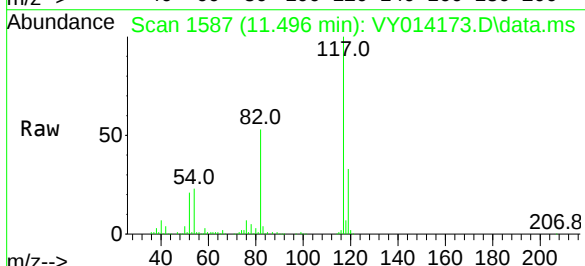
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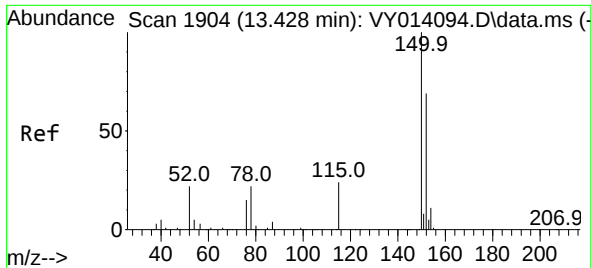
Tgt Ion: 95 Resp: 75045
Ion Ratio Lower Upper
95 100
174 93.4 0.0 178.2
176 91.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014173.D
Acq: 14 Jun 2023 22:54

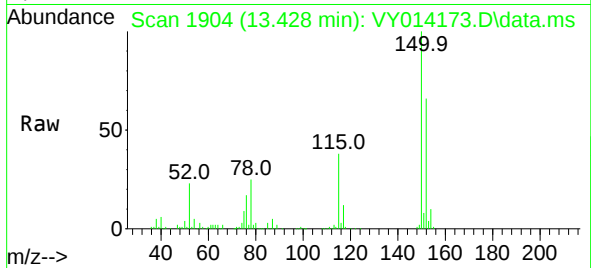
Tgt Ion: 117 Resp: 221788
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014173.D
 Acq: 14 Jun 2023 22:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-10-GRAB-7



Tgt Ion:152 Resp: 66720
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.8 86.5
 150 156.1 0.0 348.8

