

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014190.D
 Acq On : 15 Jun 2023 15:29
 Operator : KP/MD
 Sample : 03223-06
 Misc : 8.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-04-GRAB-7

Quant Time: Jun 16 02:09:18 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)

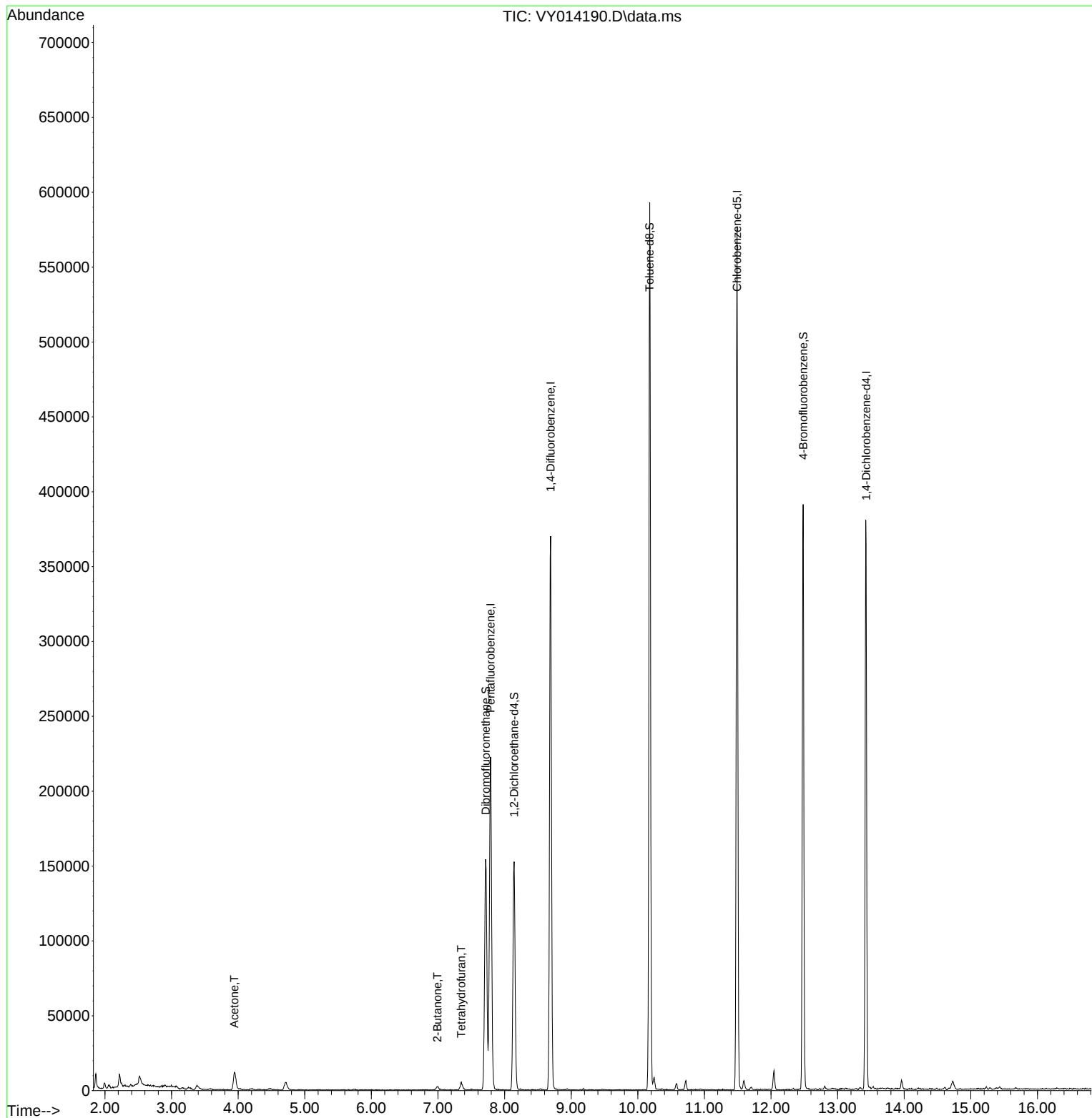
Internal Standards						
1) Pentafluorobenzene	7.789	168	173582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	305992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127989	52.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.900%			
35) Dibromofluoromethane	7.716	113	104885	48.333	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.660%			
50) Toluene-d8	10.179	98	375430	46.276	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.560%			
62) 4-Bromofluorobenzene	12.483	95	109994	38.167	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 76.340%			
Target Compounds						
16) Acetone	3.942	43	21397	29.367	ug/l	95
25) 2-Butanone	6.990	43	3403	3.794	ug/l #	82
29) Tetrahydrofuran	7.350	42	3528	6.203	ug/l	95

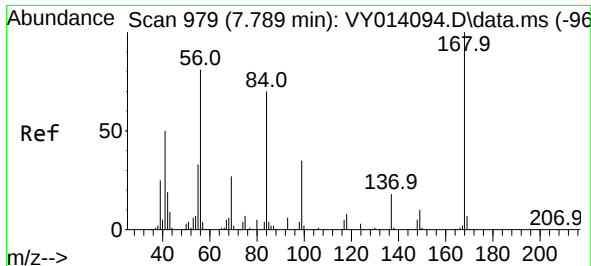
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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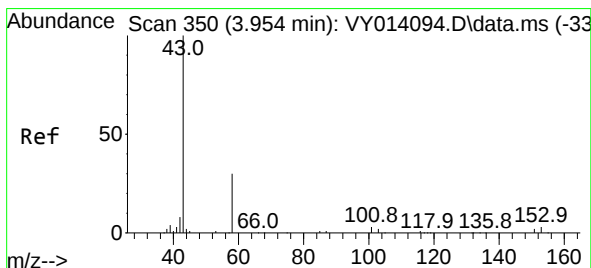
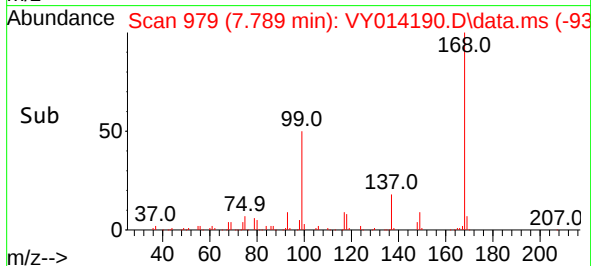
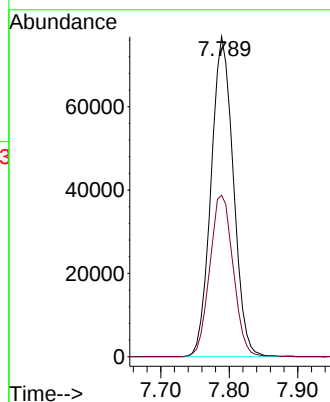
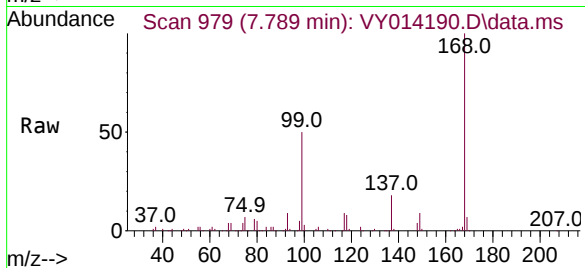




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014190.D
Acq: 15 Jun 2023 15:29

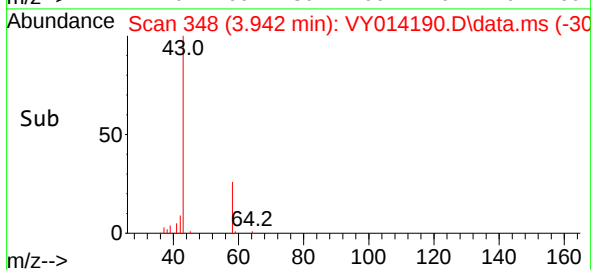
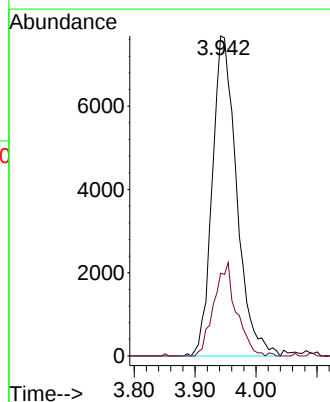
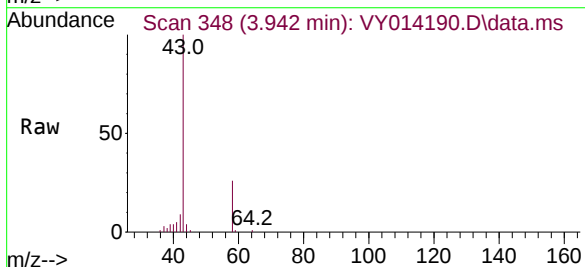
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-04-GRAB-7

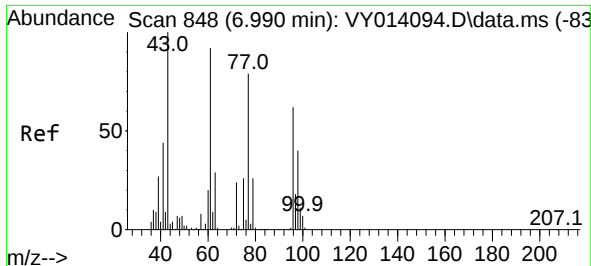
Tgt Ion:168 Resp: 173582
Ion Ratio Lower Upper
168 100
99 50.4 43.4 65.0



#16
Acetone
Concen: 29.367 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014190.D
Acq: 15 Jun 2023 15:29

Tgt Ion: 43 Resp: 21397
Ion Ratio Lower Upper
43 100
58 25.8 22.7 34.1

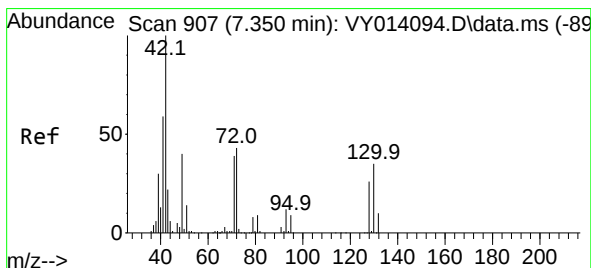
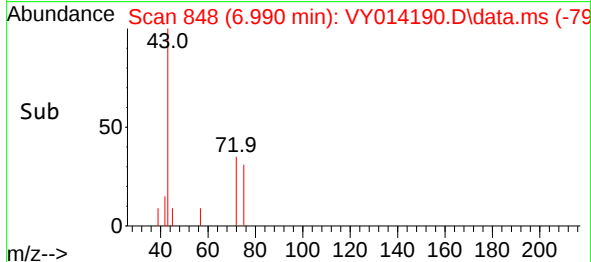
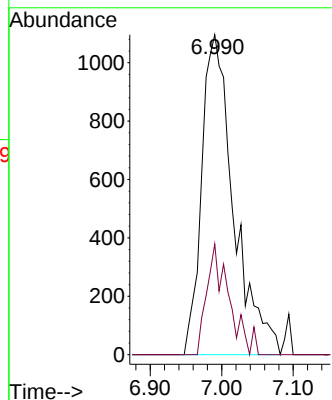
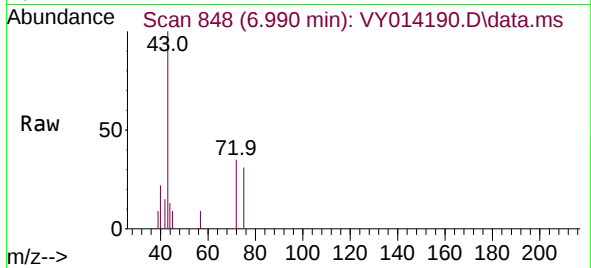




#25
2-Butanone
Concen: 3.794 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014190.D
Acq: 15 Jun 2023 15:29

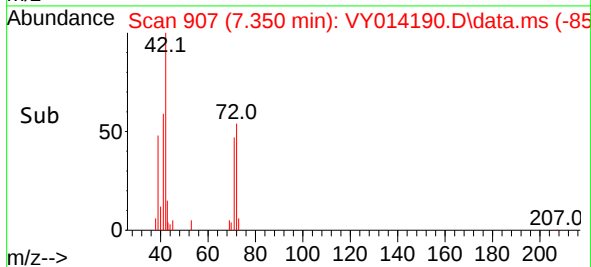
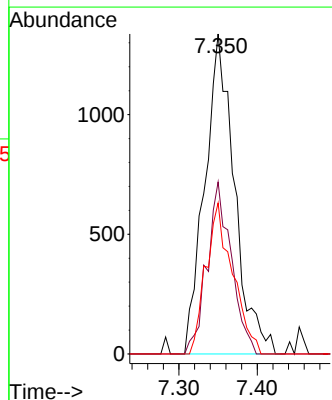
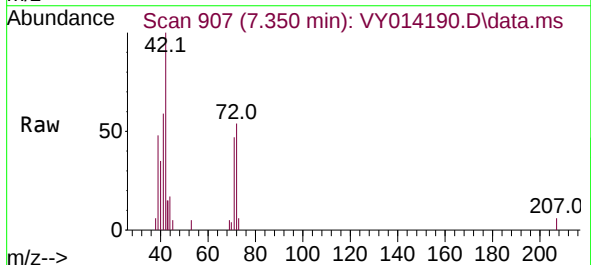
Instrument :
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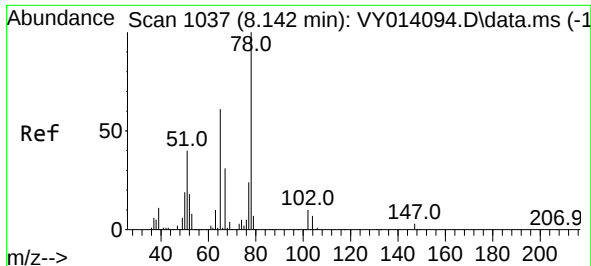
Tgt Ion: 43 Resp: 3403
Ion Ratio Lower Upper
43 100
72 34.6 20.5 30.7#



#29
Tetrahydrofuran
Concen: 6.203 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014190.D
Acq: 15 Jun 2023 15:29

Tgt Ion: 42 Resp: 3528
Ion Ratio Lower Upper
42 100
72 43.9 32.8 49.2
71 42.2 31.0 46.4

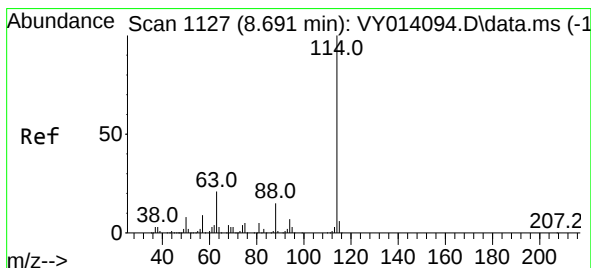
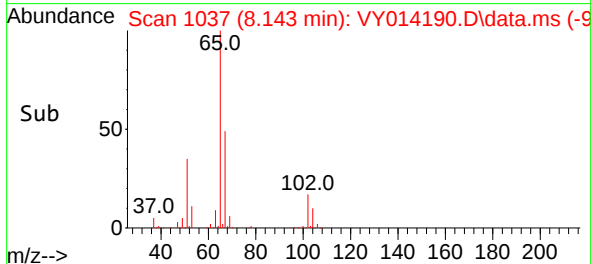
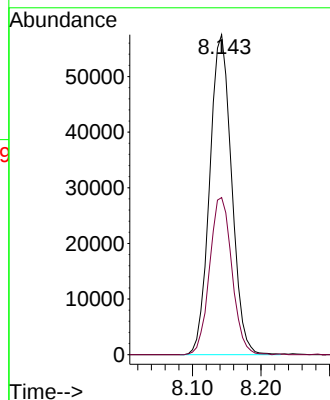
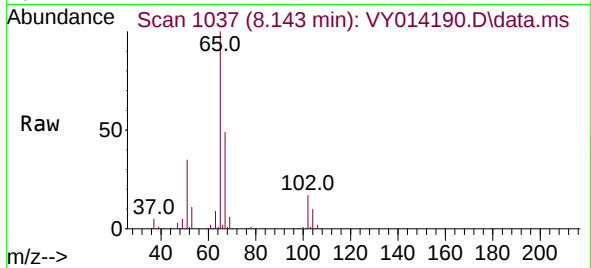




#33
 1,2-Dichloroethane-d4
 Concen: 52.950 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014190.D
 Acq: 15 Jun 2023 15:29

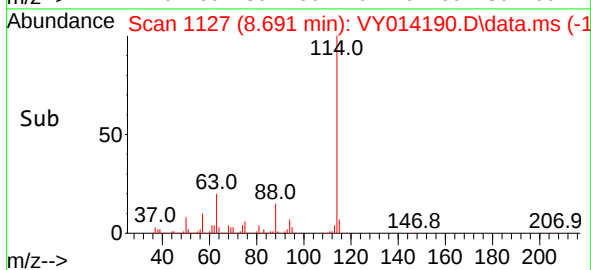
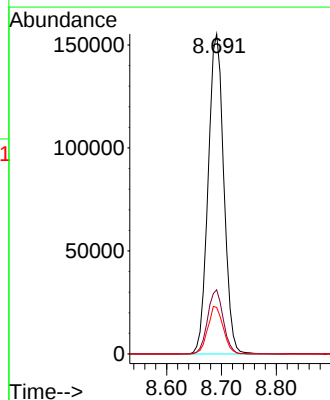
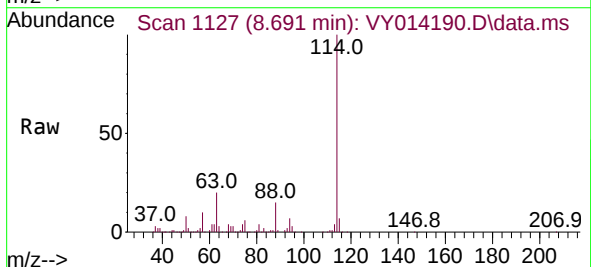
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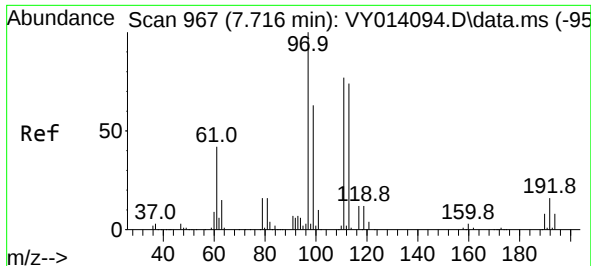
Tgt Ion: 65 Resp: 127989
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014190.D
 Acq: 15 Jun 2023 15:29

Tgt Ion: 114 Resp: 305992
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 14.5 0.0 30.6

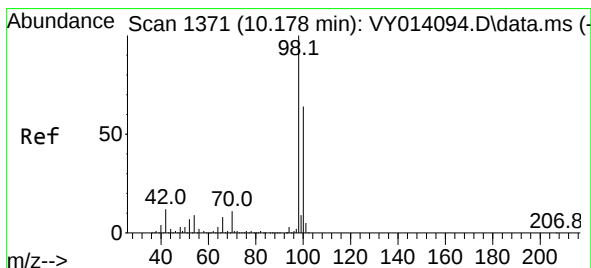
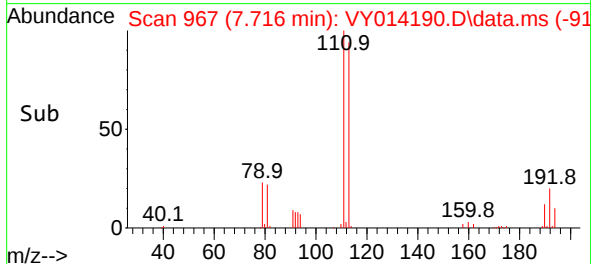
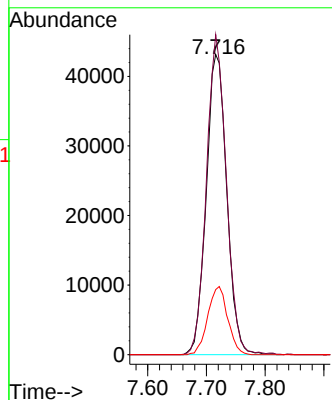
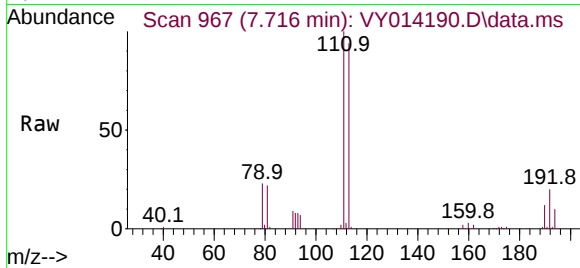




#35
Dibromofluoromethane
Concen: 48.333 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014190.D
Acq: 15 Jun 2023 15:29

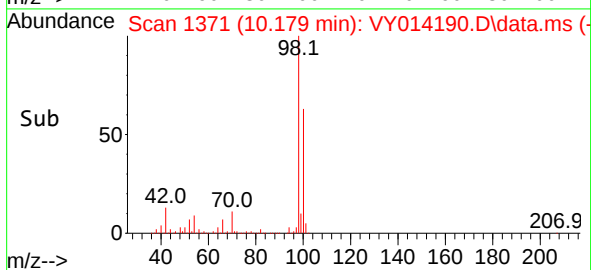
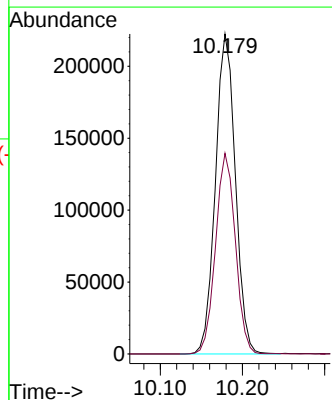
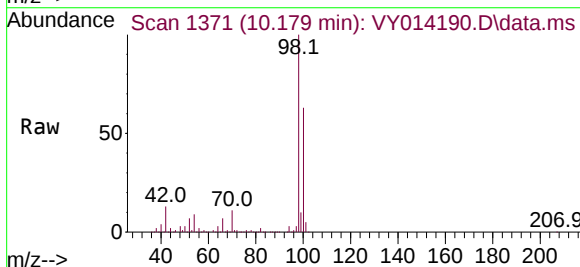
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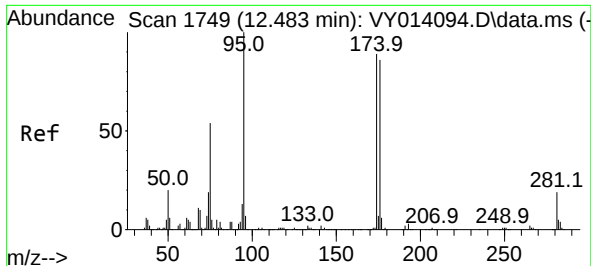
Tgt Ion:113 Resp: 104885
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 46.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014190.D
Acq: 15 Jun 2023 15:29

Tgt Ion: 98 Resp: 375430
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

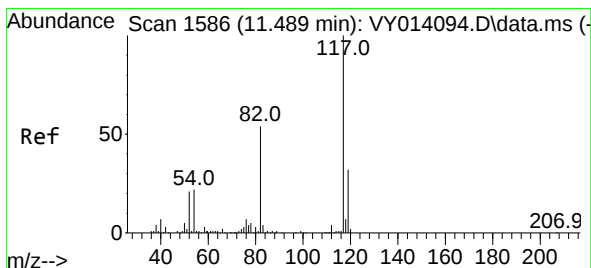
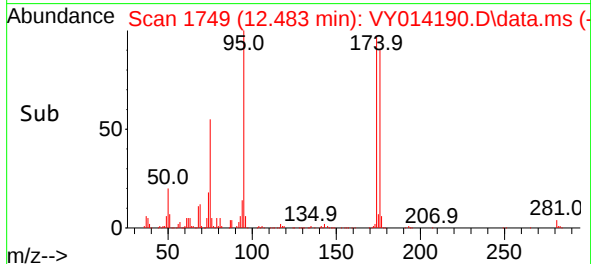
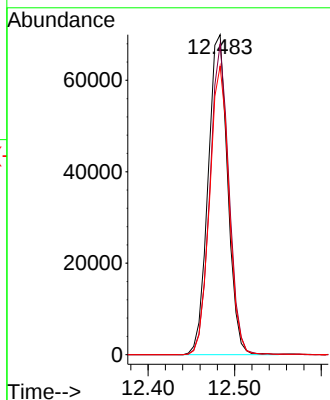
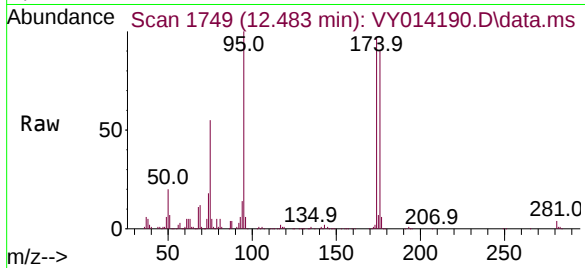




#62
4-Bromofluorobenzene
Concen: 38.167 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014190.D
Acq: 15 Jun 2023 15:29

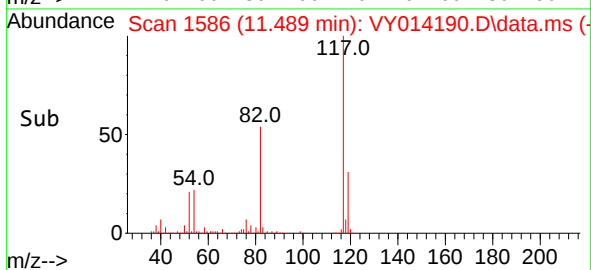
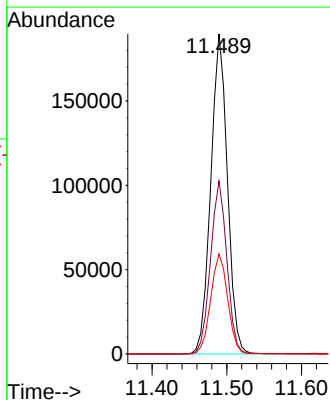
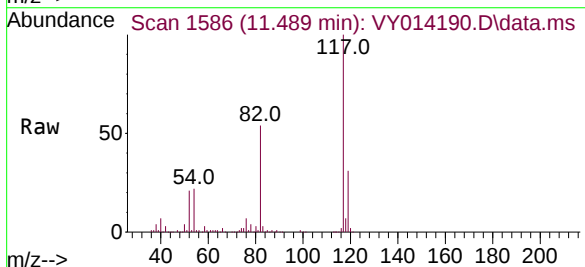
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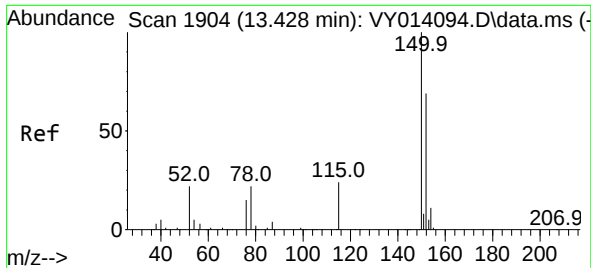
Tgt Ion: 95 Resp: 109994
Ion Ratio Lower Upper
95 100
174 94.2 0.0 178.2
176 89.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014190.D
Acq: 15 Jun 2023 15:29

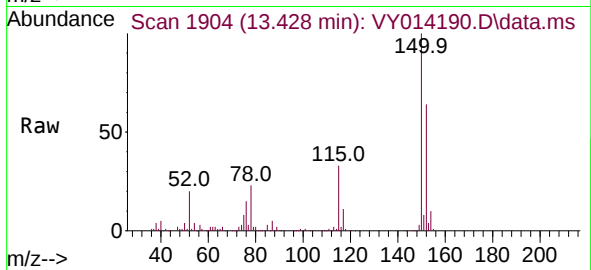
Tgt Ion: 117 Resp: 292851
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014190.D
 Acq: 15 Jun 2023 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	96577
Ion Ratio	Lower	Upper	
152	100		
115	55.8	28.8	86.5
150	158.1	0.0	348.8

