

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018037.D
 Acq On : 24 Apr 2024 15:28
 Operator : SY/MD
 Sample : P2247-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-04232024

Quant Time: Apr 25 01:35:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

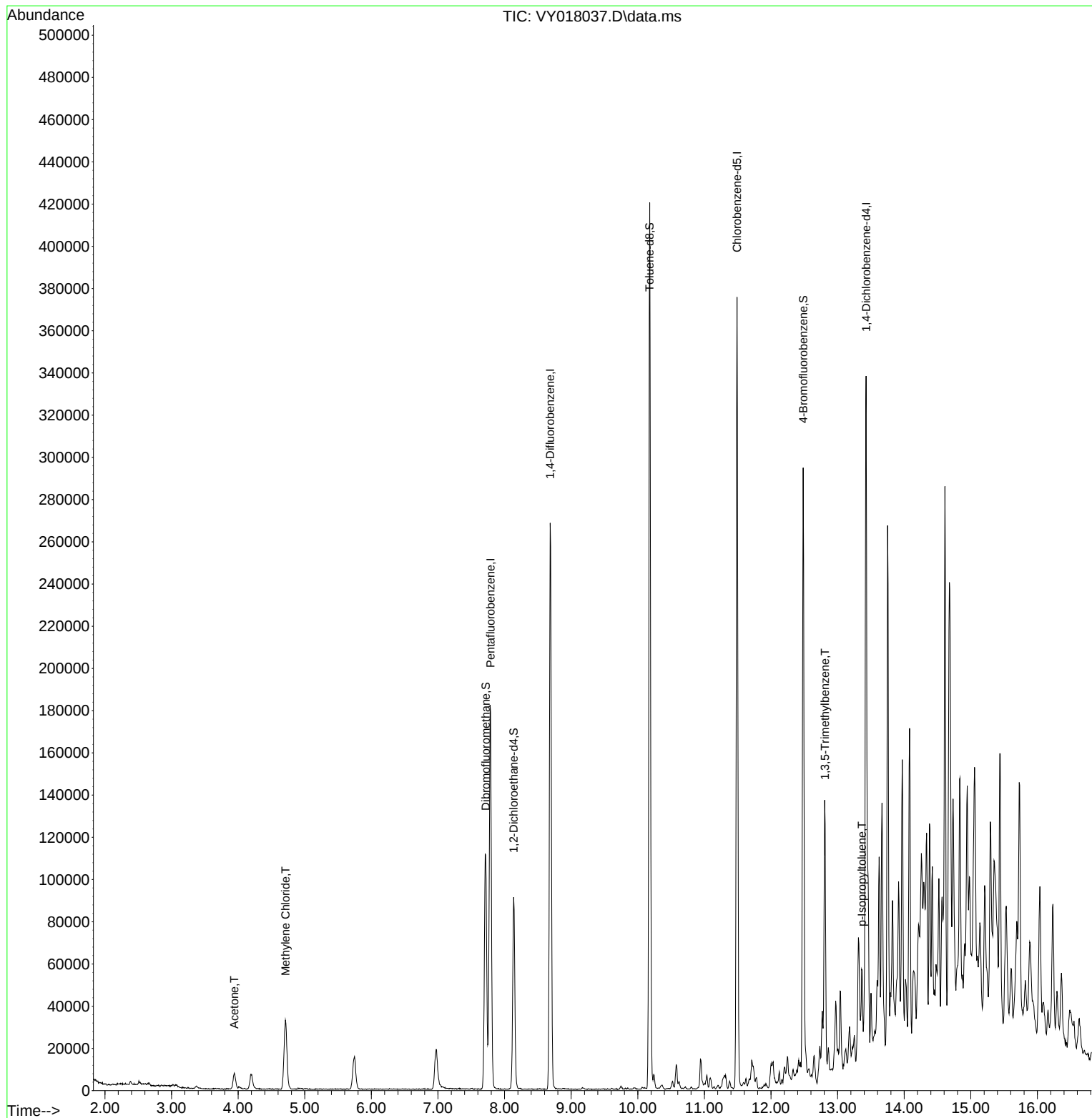
Internal Standards						
1) Pentafluorobenzene	7.789	168	154891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68354	50.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.000%	
35) Dibromofluoromethane	7.716	113	83777	54.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.179	98	284103	48.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.540%	
62) 4-Bromofluorobenzene	12.483	95	75763	41.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.120%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	12726	48.051	ug/l	97
20) Methylene Chloride	4.710	84	26828	14.952	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	24356	4.908	ug/l	96
86) p-Isopropyltoluene	13.367	119	10541	1.884	ug/l	95

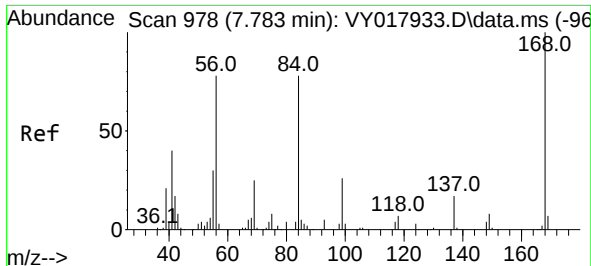
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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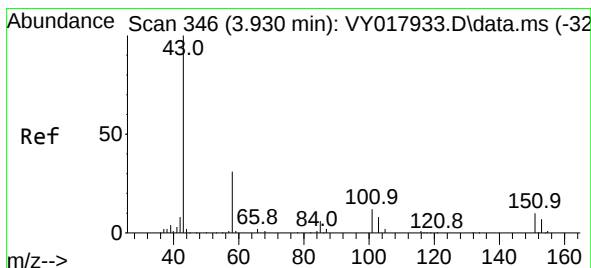
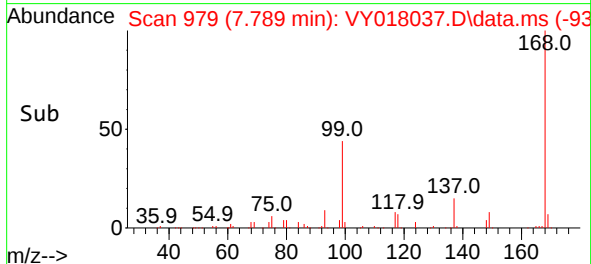
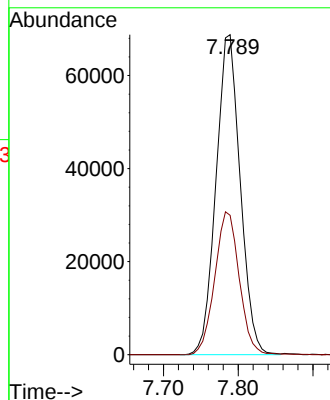
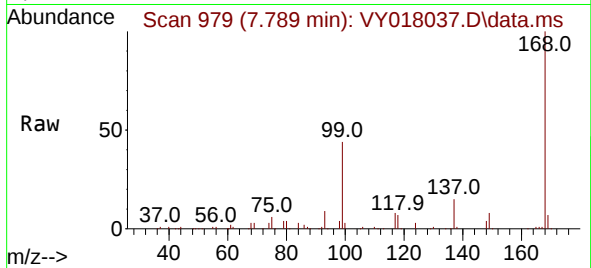




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

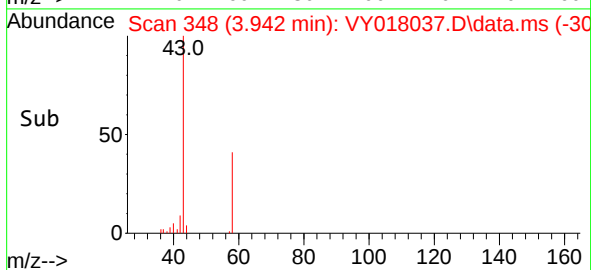
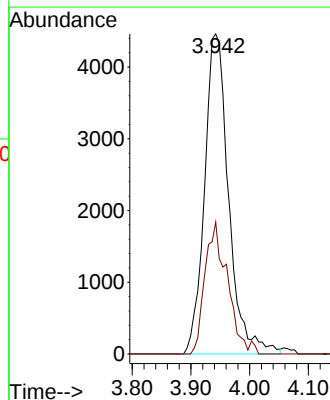
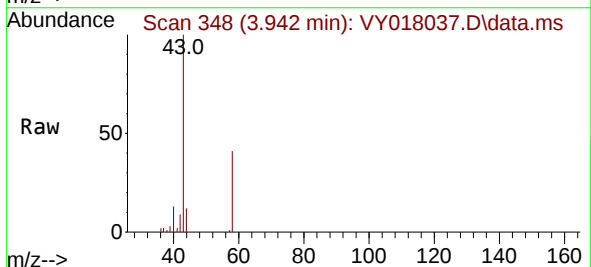
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-04232024

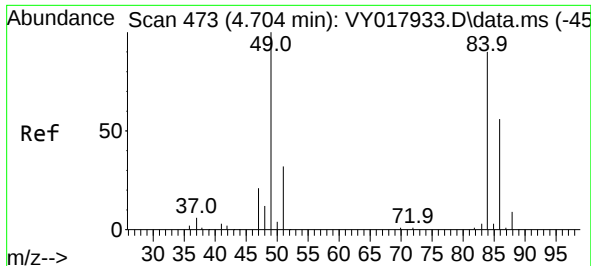
Tgt Ion:168 Resp: 154891
Ion Ratio Lower Upper
168 100
99 43.6 39.1 58.7



#16
Acetone
Concen: 48.051 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion: 43 Resp: 12726
Ion Ratio Lower Upper
43 100
58 41.2 31.7 47.5

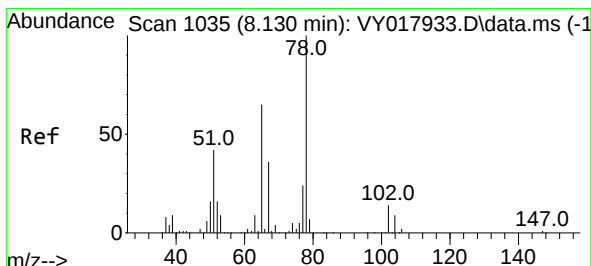
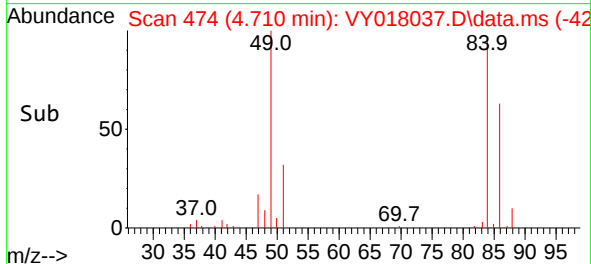
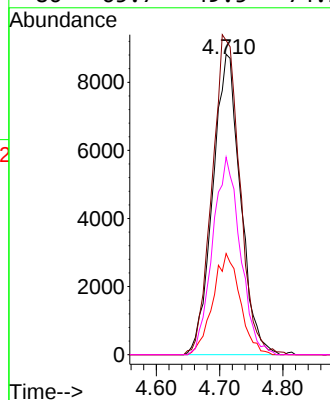
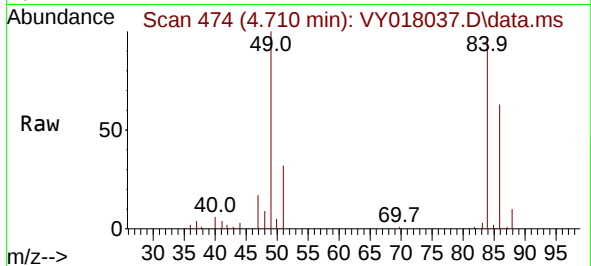




#20
Methylene Chloride
Concen: 14.952 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

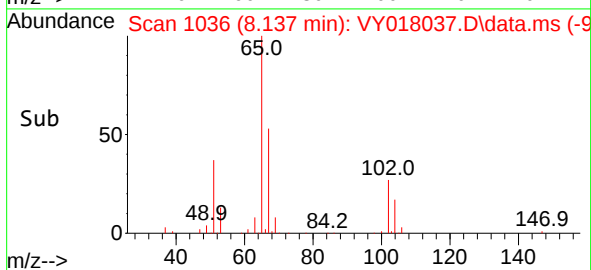
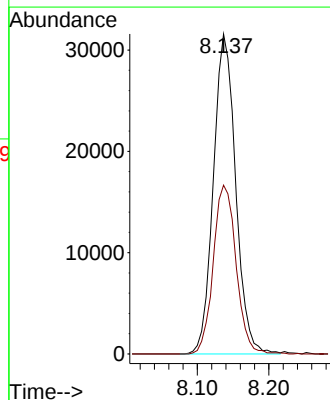
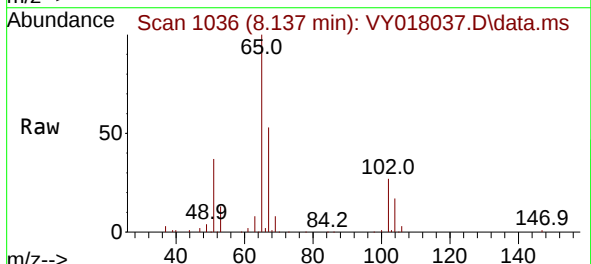
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-04232024

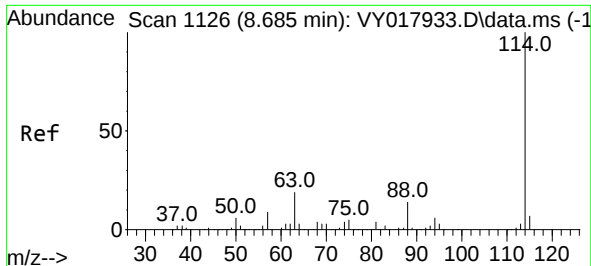
Tgt Ion:	84	Resp:	26828
Ion	Ratio	Lower	Upper
84	100		
49	104.6	84.4	126.6
51	33.7	26.0	39.0
86	65.7	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 50.996 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion:	65	Resp:	68354
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	109.6

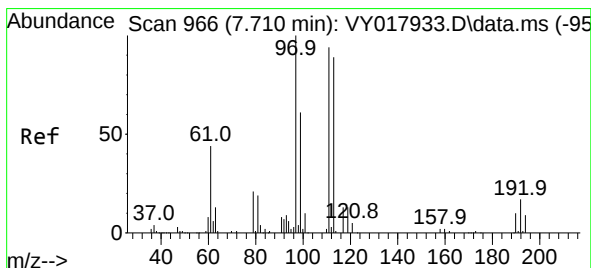
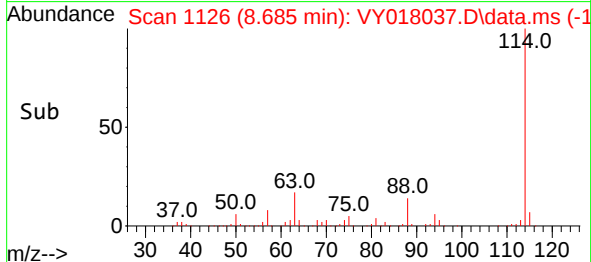
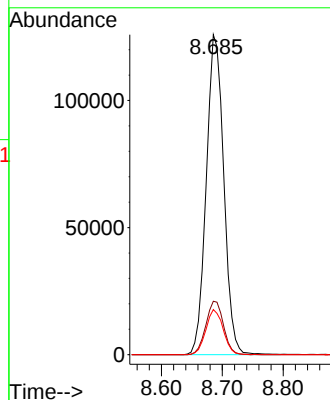
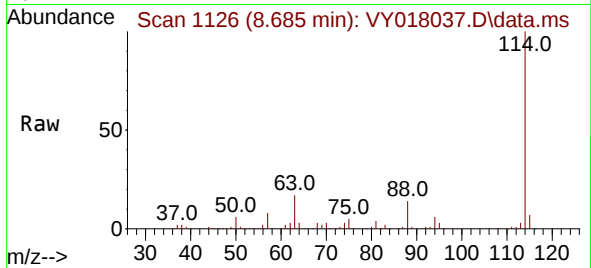




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

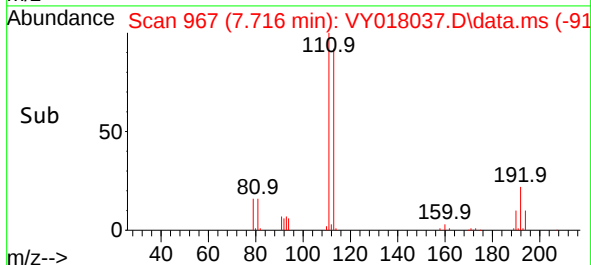
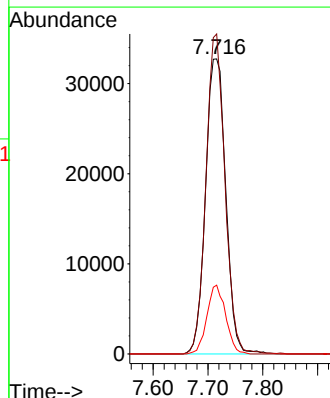
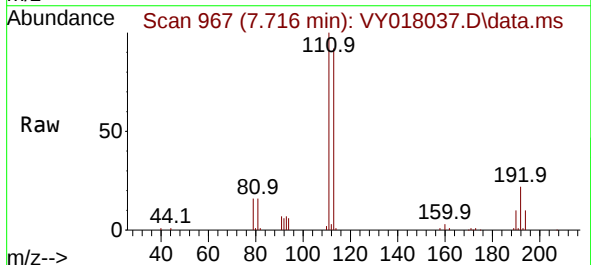
Instrument :
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ClientSampleId :
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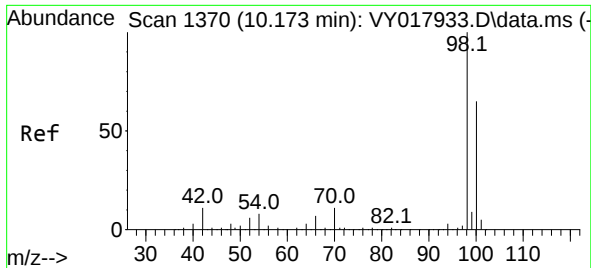
Tgt Ion:114 Resp: 251431
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.009 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion:113 Resp: 83777
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.6 15.9 23.9

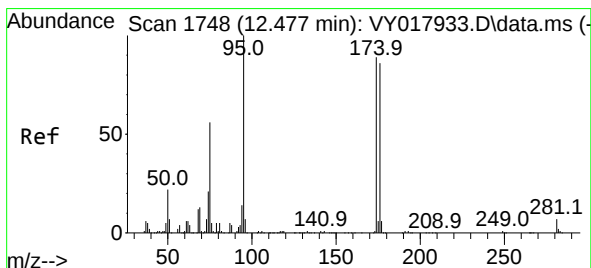
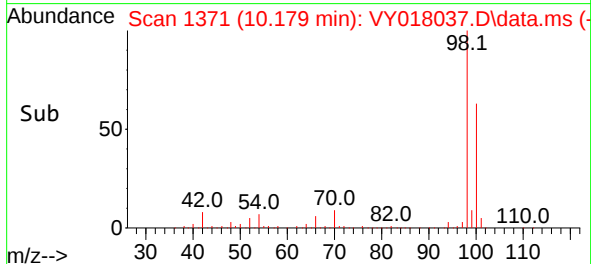
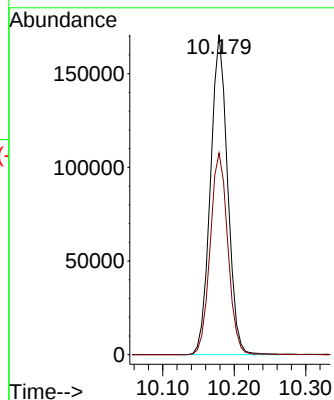
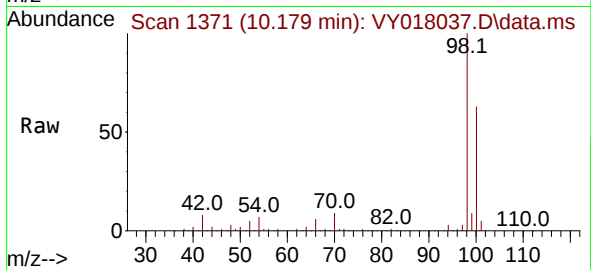




#50
Toluene-d8
Concen: 48.268 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

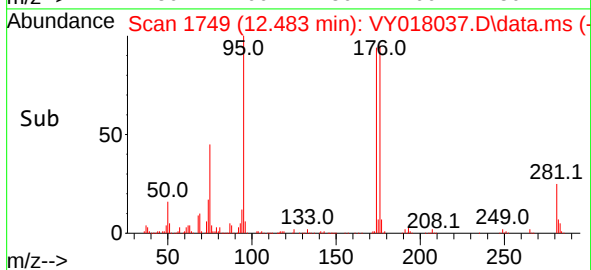
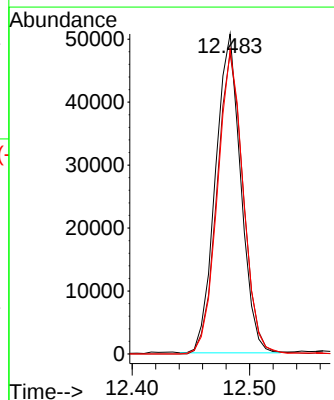
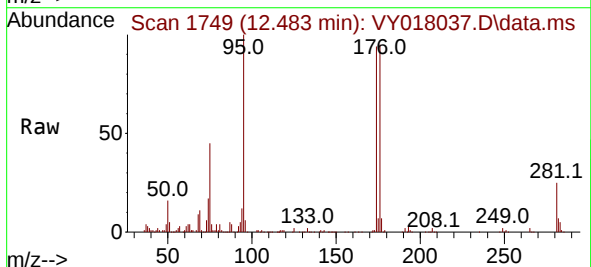
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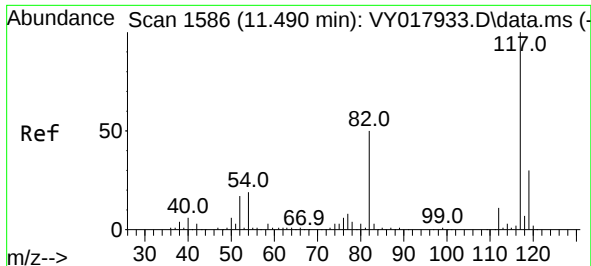
Tgt Ion: 98 Resp: 284103
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion: 95 Resp: 75763
Ion Ratio Lower Upper
95 100
174 98.0 0.0 175.6
176 96.3 0.0 171.4

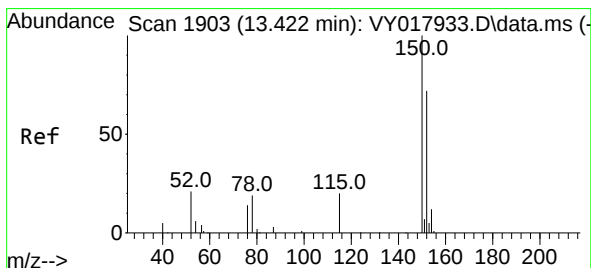
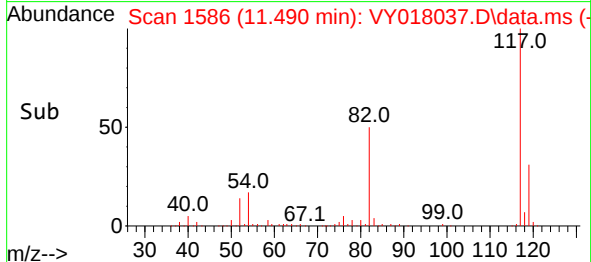
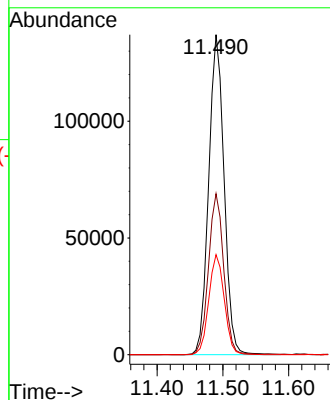
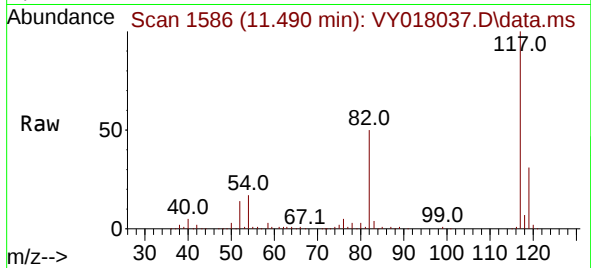




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

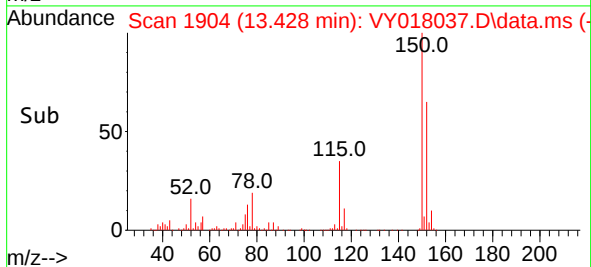
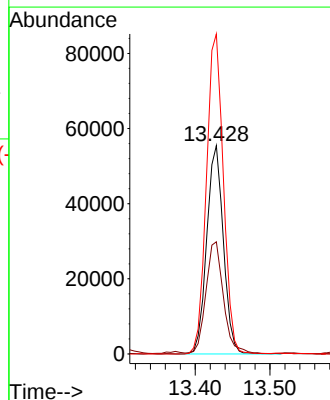
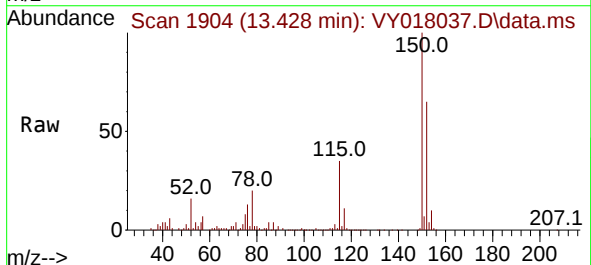
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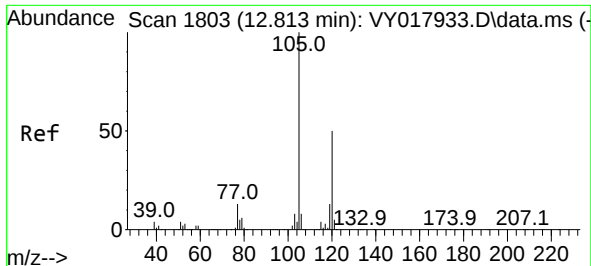
Tgt Ion:117 Resp: 222908
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion:152 Resp: 85884
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.5 0.0 345.6

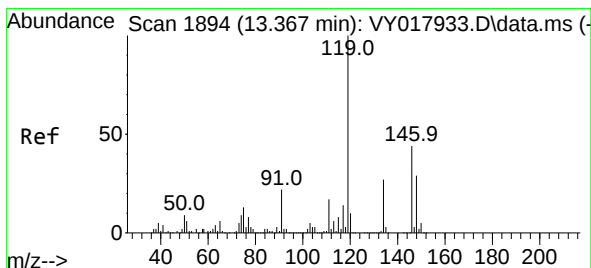
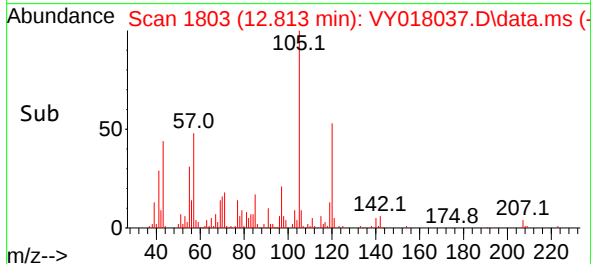
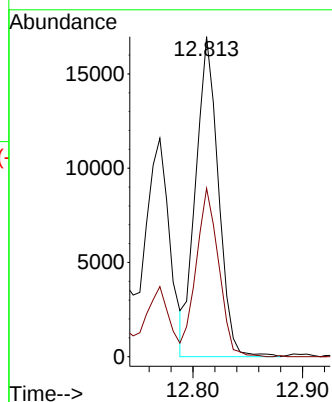
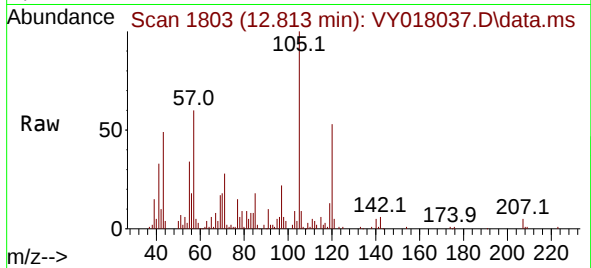




#80
1,3,5-Trimethylbenzene
Concen: 4.908 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-04232024

Tgt Ion:105 Resp: 24356
Ion Ratio Lower Upper
105 100
120 52.5 25.1 75.2



#86
p-Isopropyltoluene
Concen: 1.884 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion:119 Resp: 10541
Ion Ratio Lower Upper
119 100
134 26.8 13.1 39.3
91 17.2 10.7 32.1

