

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005226.D
 Acq On : 25 Jun 2021 14:54
 Operator : SY/MD
 Sample : M2859-02
 Misc : 4.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-2-062421

Quant Time: Jun 26 05:11:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

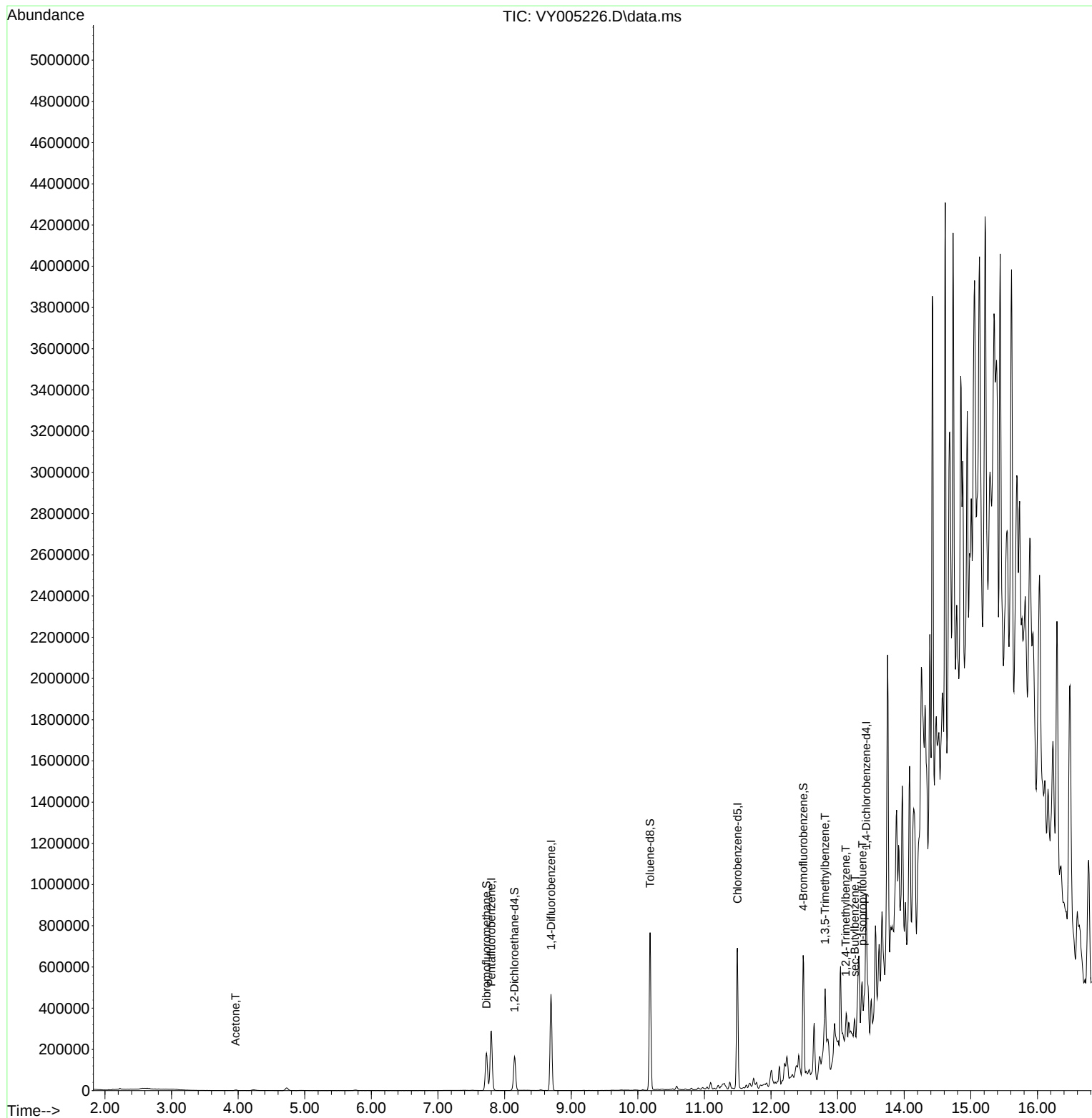
Internal Standards						
1) Pentafluorobenzene	7.801	168	253215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	420119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	403621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127176	60.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.040%
35) Dibromofluoromethane	7.728	113	128174	51.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.185	98	509677	51.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.483	95	173645	52.592	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.180%
Target Compounds						
						Qvalue
16) Acetone	3.960	43	5190	10.691	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	78098	8.069	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	34329	3.588	ug/l	94
85) sec-Butylbenzene	13.258	105	23033	1.835	ug/l	93
86) p-Isopropyltoluene	13.373	119	38371	3.543	ug/l	98

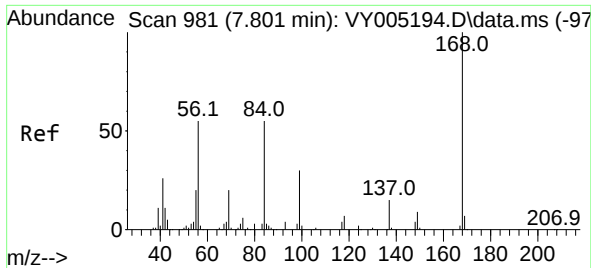
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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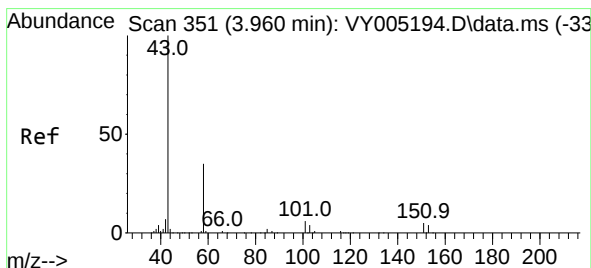
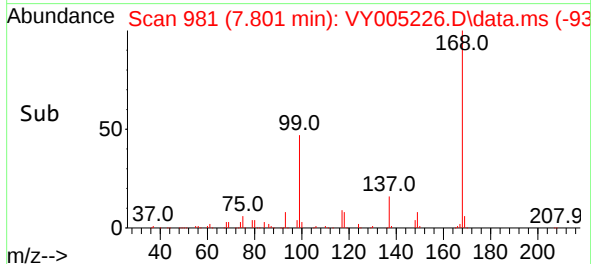
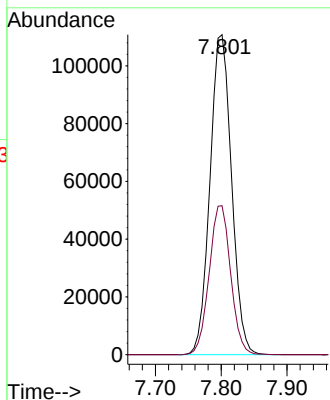
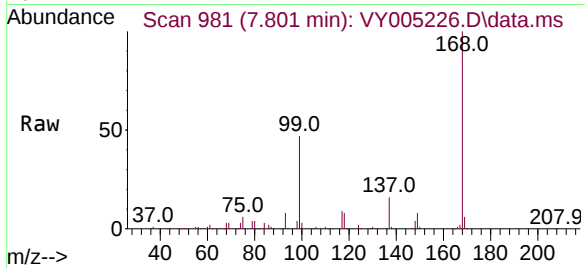




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

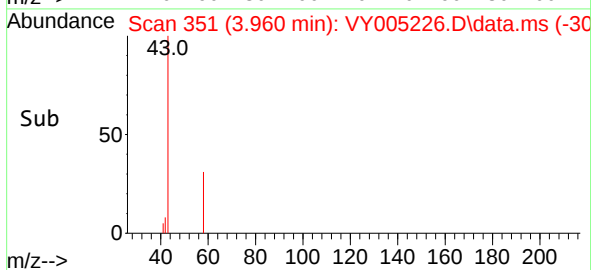
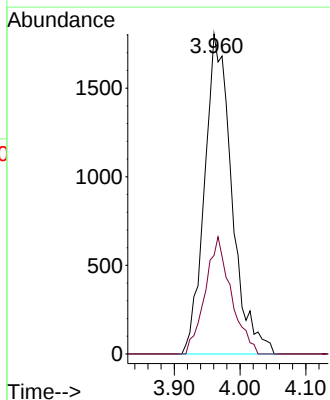
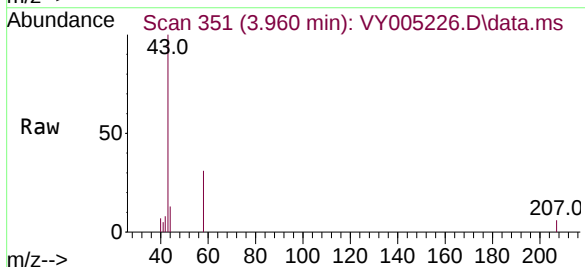
Instrument :
MSVOA_Y
ClientSampleId :
PILE-2-062421

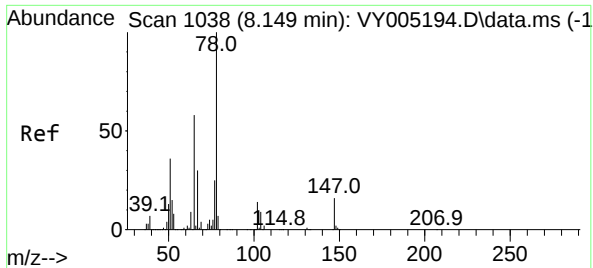
Tgt Ion:168 Resp: 253215
Ion Ratio Lower Upper
168 100
99 46.6 36.2 54.4



#16
Acetone
Concen: 10.691 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

Tgt Ion: 43 Resp: 5190
Ion Ratio Lower Upper
43 100
58 30.8 28.2 42.2

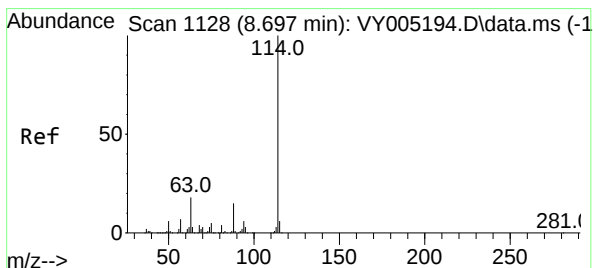
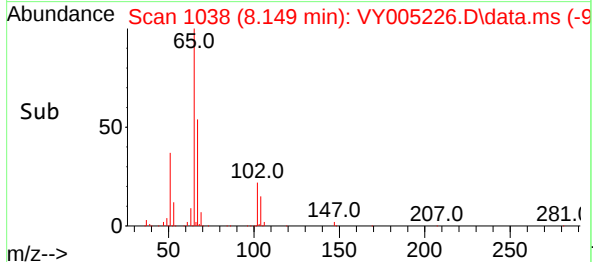
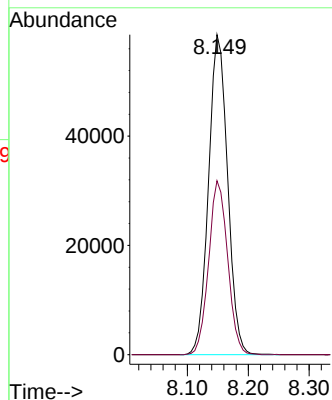
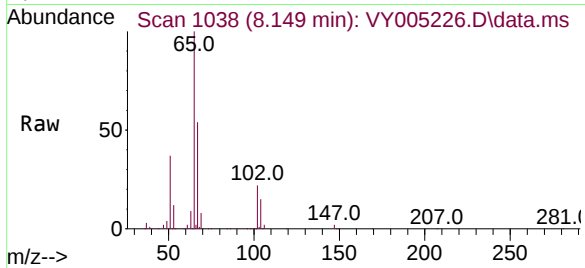




#33
1,2-Dichloroethane-d4
Concen: 60.522 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

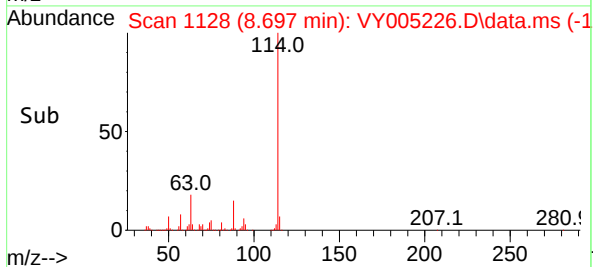
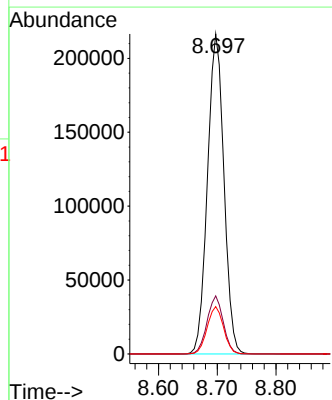
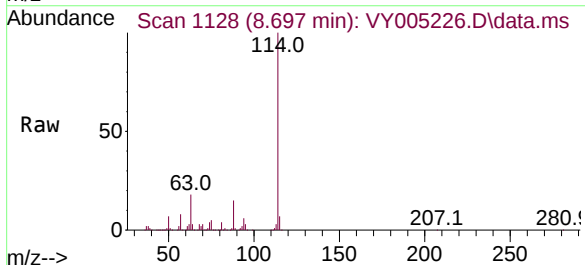
Instrument :
MSVOA_Y
ClientSampleId :
PILE-2-062421

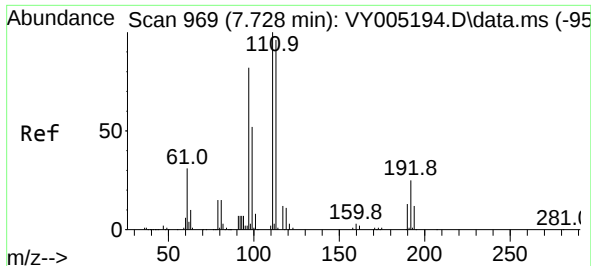
Tgt Ion: 65 Resp: 127176
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

Tgt Ion:114 Resp: 420119
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.2
88 14.8 0.0 29.4

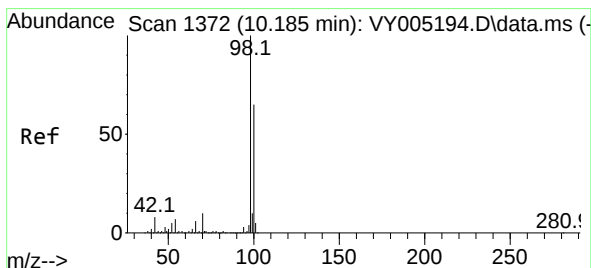
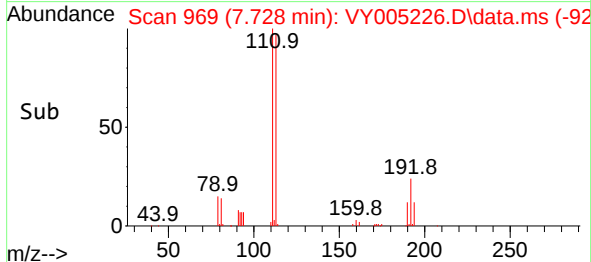
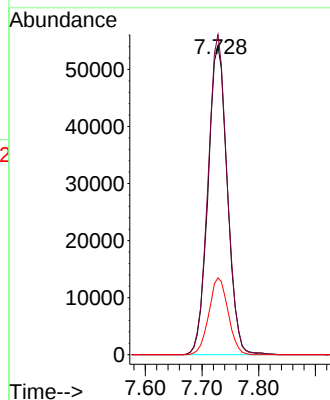
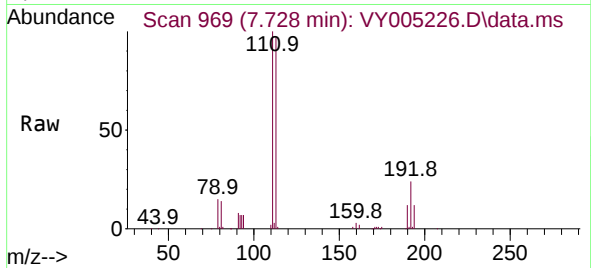




#35
Dibromofluoromethane
Concen: 51.732 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

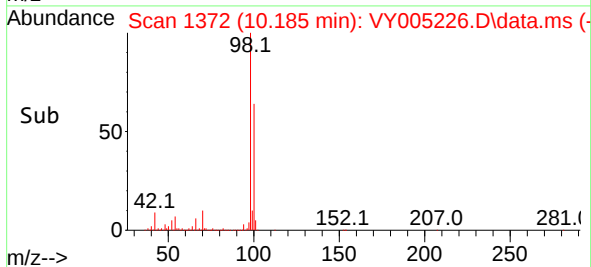
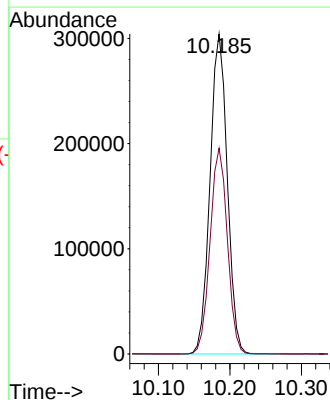
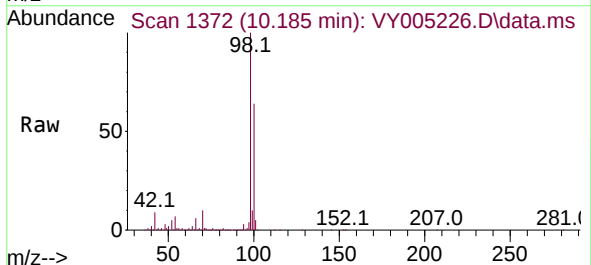
Instrument :
MSVOA_Y
ClientSampleId :
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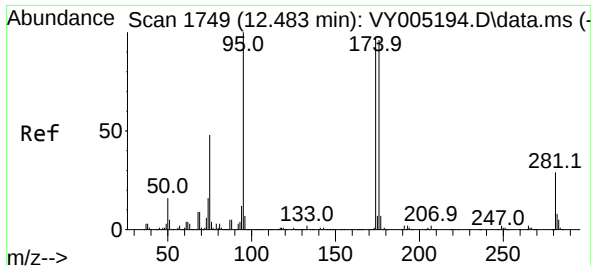
Tgt Ion:113 Resp: 128174
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 24.7 20.2 30.2



#50
Toluene-d8
Concen: 51.439 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

Tgt Ion: 98 Resp: 509677
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

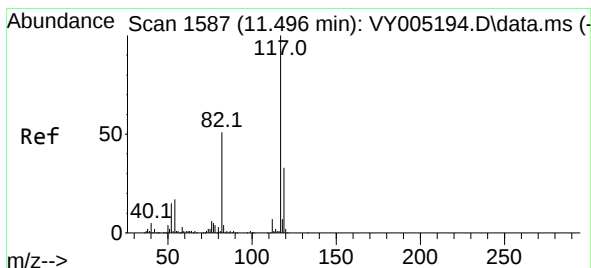
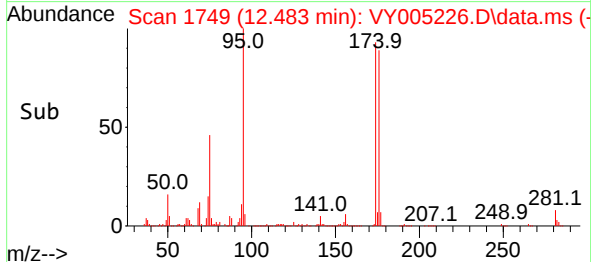
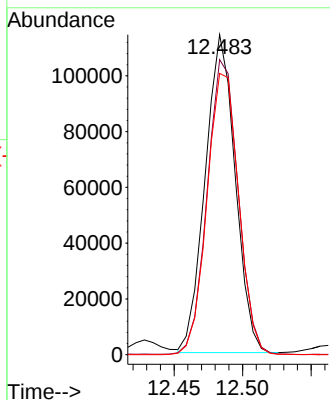
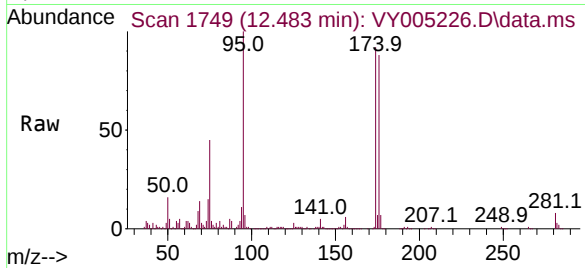




#62
4-Bromofluorobenzene
Concen: 52.592 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

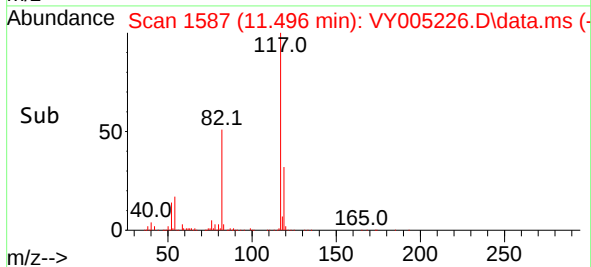
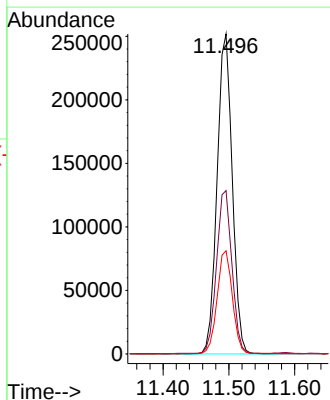
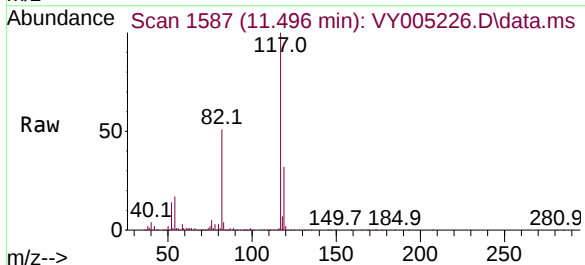
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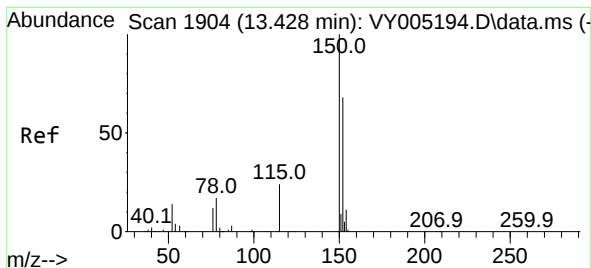
Tgt Ion:	95	Resp:	173645
Ion Ratio	Lower	Upper	
95	100		
174	95.6	0.0	201.6
176	93.4	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

Tgt Ion:	117	Resp:	403621
Ion Ratio	Lower	Upper	
117	100		
82	50.9	40.6	60.8
119	32.2	26.1	39.1

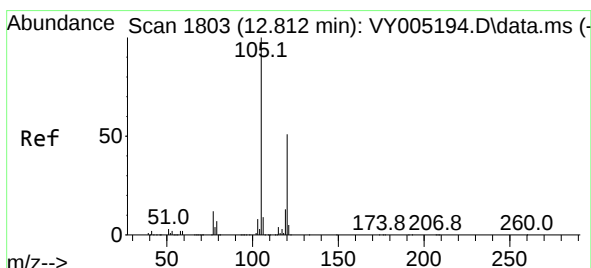
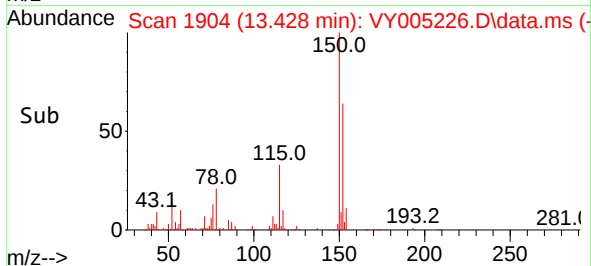
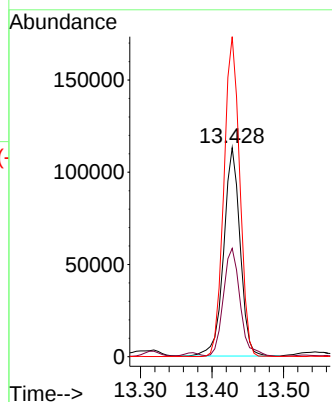
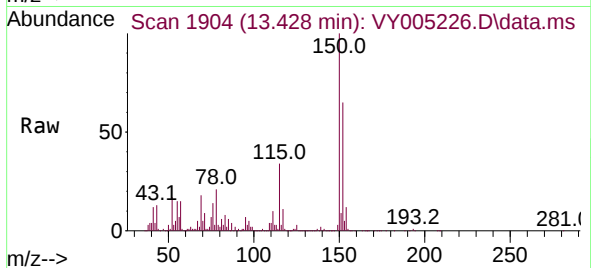




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005226.D
 Acq: 25 Jun 2021 14:54

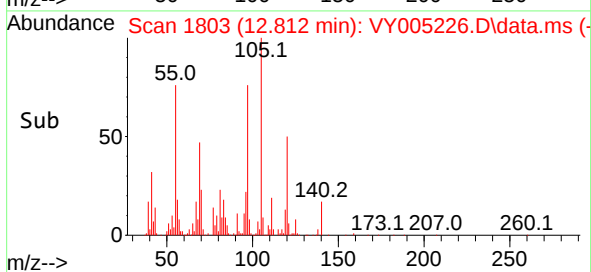
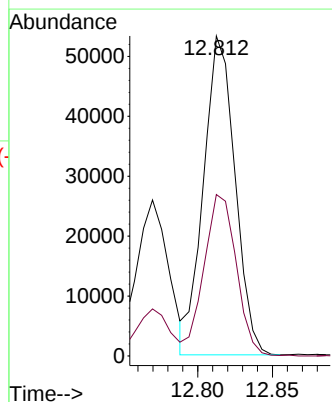
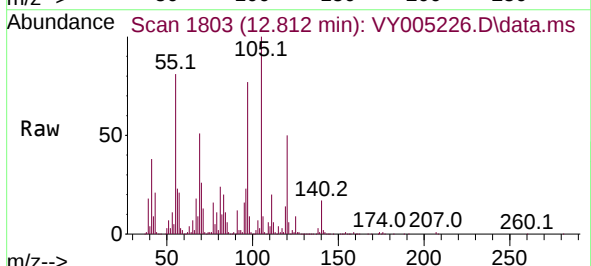
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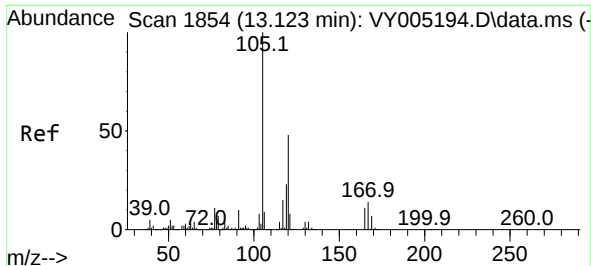
Tgt Ion:152 Resp: 180387
 Ion Ratio Lower Upper
 152 100
 115 52.9 26.3 78.8
 150 147.7 0.0 344.2



#80
 1,3,5-Trimethylbenzene
 Concen: 8.069 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY005226.D
 Acq: 25 Jun 2021 14:54

Tgt Ion:105 Resp: 78098
 Ion Ratio Lower Upper
 105 100
 120 52.0 25.9 77.7

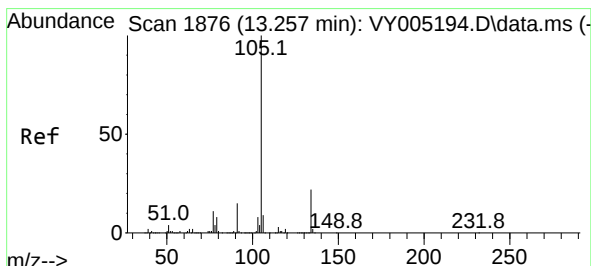
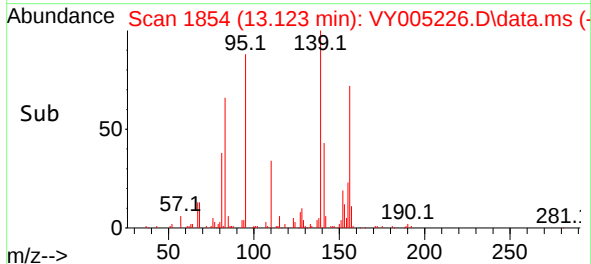
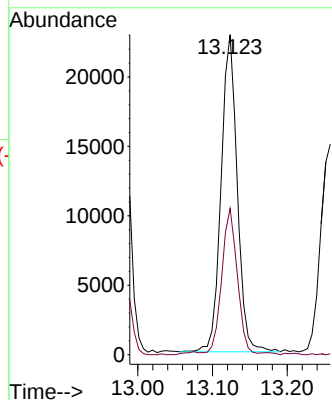
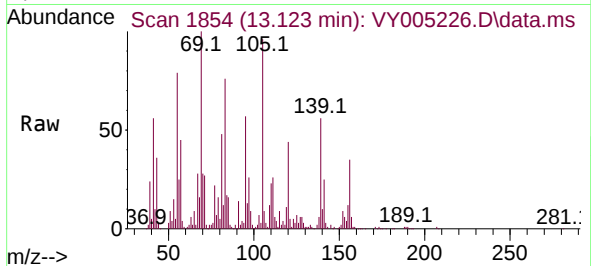




#84
1,2,4-Trimethylbenzene
Concen: 3.588 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

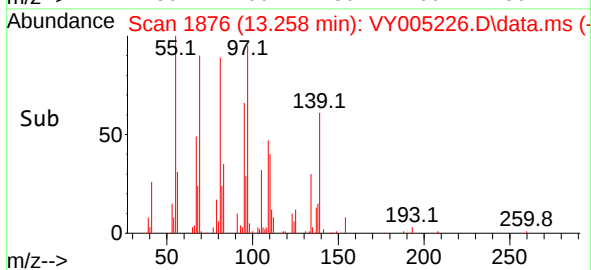
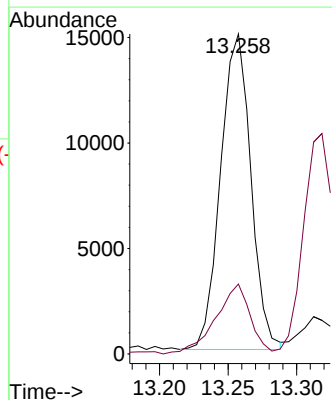
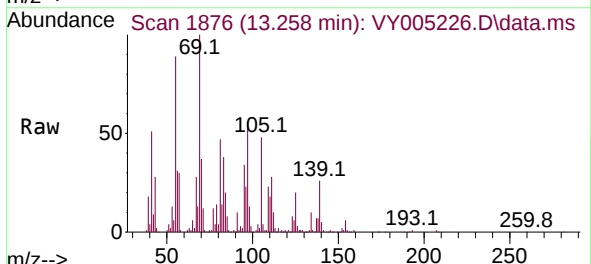
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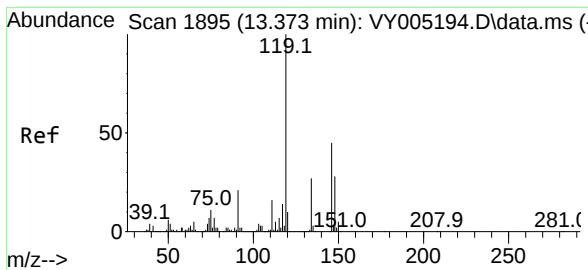
Tgt Ion:105 Resp: 34329
Ion Ratio Lower Upper
105 100
120 43.0 23.6 71.0



#85
sec-Butylbenzene
Concen: 1.835 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY005226.D
Acq: 25 Jun 2021 14:54

Tgt Ion:105 Resp: 23033
Ion Ratio Lower Upper
105 100
134 25.3 10.9 32.6





#86
 p-Isopropyltoluene
 Concen: 3.543 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY005226.D
 Acq: 25 Jun 2021 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	119	Resp:	38371
Ion Ratio	Lower	Upper	
119	100		
134	27.8	13.9	41.6
91	23.4	10.8	32.3

