

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006145.D
 Acq On : 24 Sep 2021 17:52
 Operator : SY/MD
 Sample : M3927-15
 Misc : 6.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-02

Quant Time: Sep 25 05:47:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

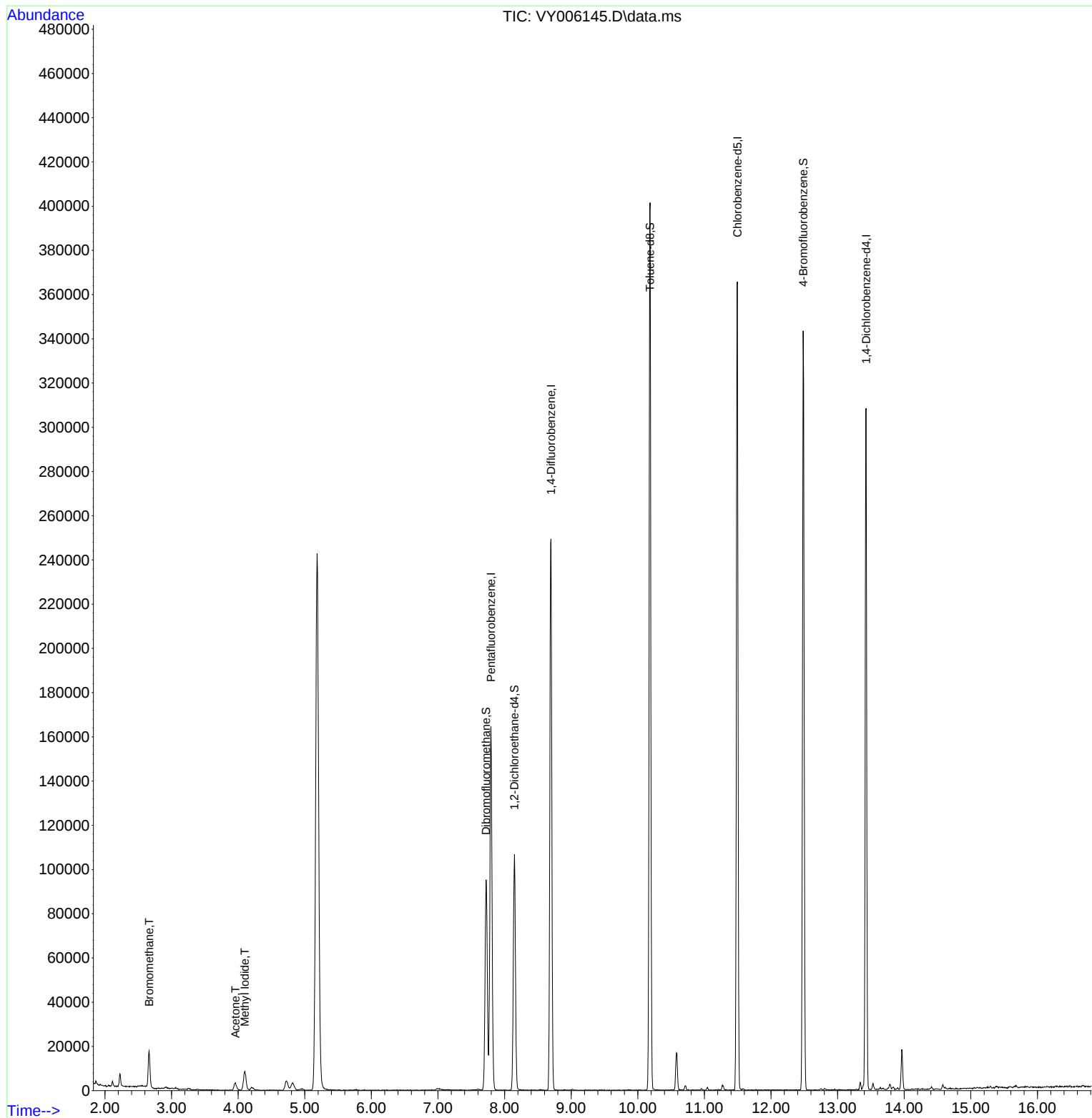
Internal Standards						
1) Pentafluorobenzene	7.795	168	127629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88033	49.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.32%
35) Dibromofluoromethane	7.722	113	62806	47.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.66%
50) Toluene-d8	10.185	98	263411	47.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.12%
62) 4-Bromofluorobenzene	12.483	95	81879	43.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.18%
Target Compounds						
						Qvalue
5) Bromomethane	2.662	94	10511	8.56	ug/l	92
10) Methyl Iodide	4.101	142	13271	10.18	ug/l	98
16) Acetone	3.960	43	5808	11.94	ug/l	95

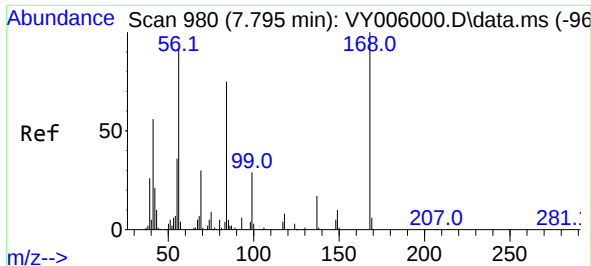
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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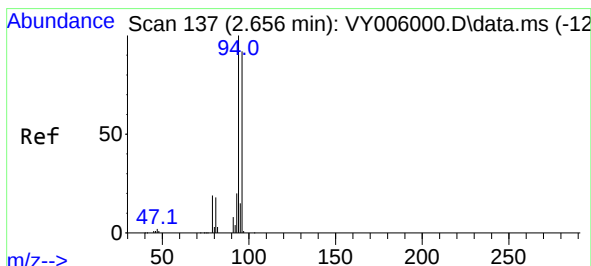
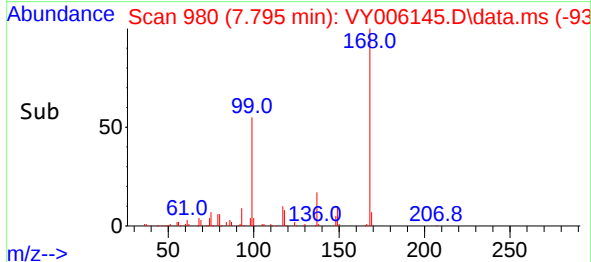
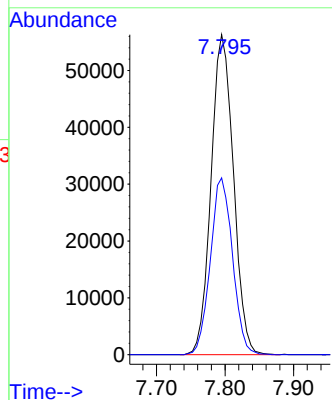
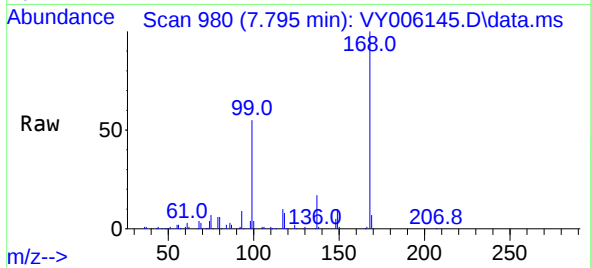




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

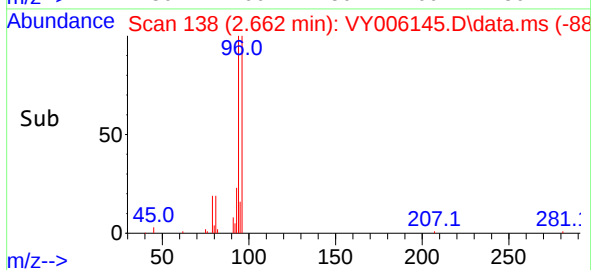
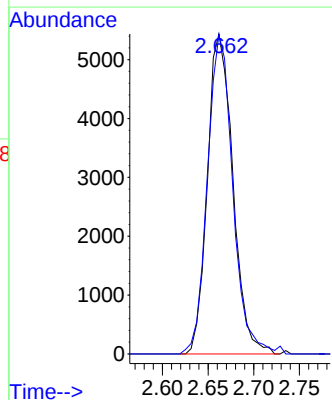
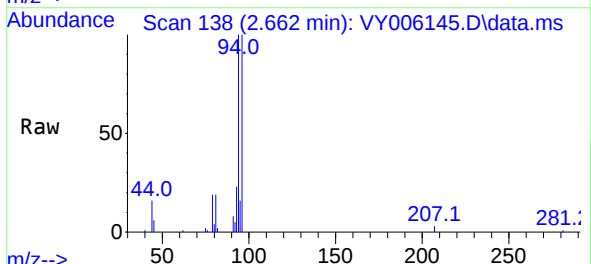
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-02

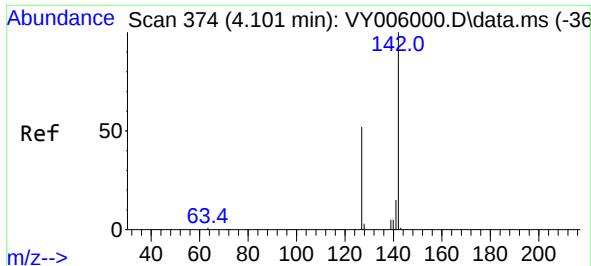
Tgt Ion:168 Resp: 127629
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#5
Bromomethane
Concen: 8.56 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion: 94 Resp: 10511
Ion Ratio Lower Upper
94 100
96 99.7 73.5 110.3

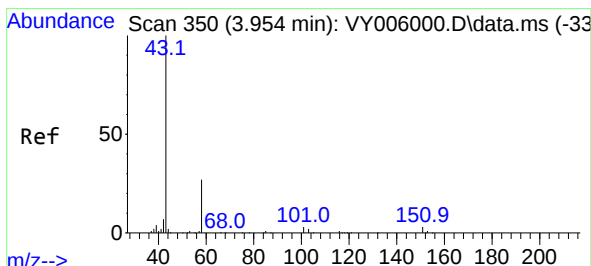
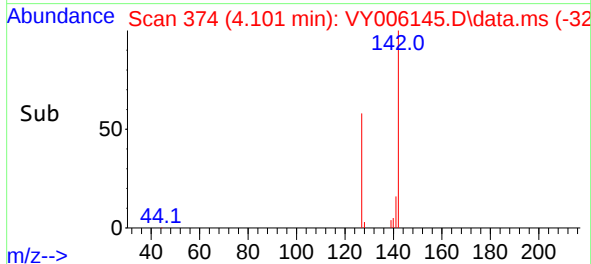
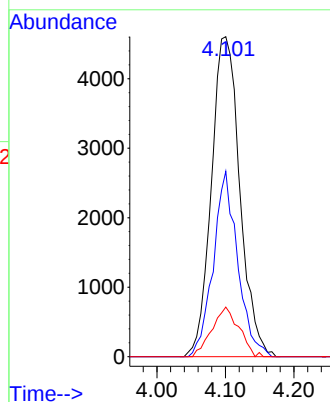
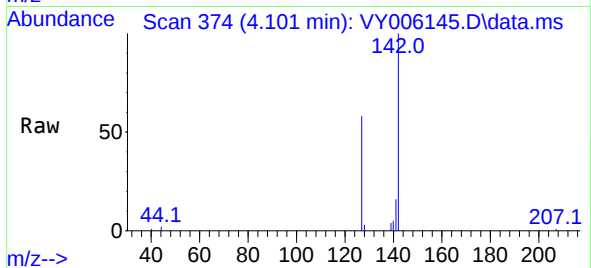




#10
Methyl Iodide
Concen: 10.18 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

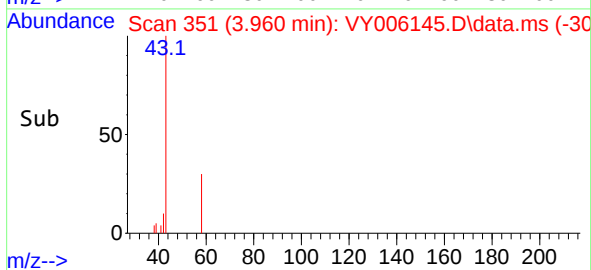
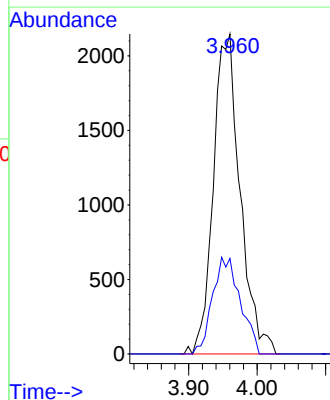
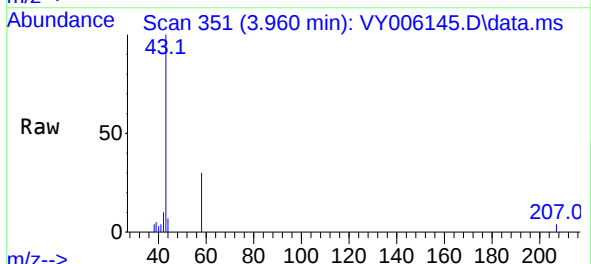
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-02

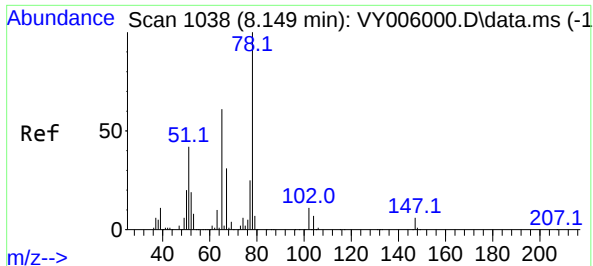
Tgt Ion:	142	Resp:	13271
Ion	Ratio	Lower	Upper
142	100		
127	49.8	41.5	62.3
141	14.8	11.9	17.9



#16
Acetone
Concen: 11.94 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion:	43	Resp:	5808
Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.0	33.0

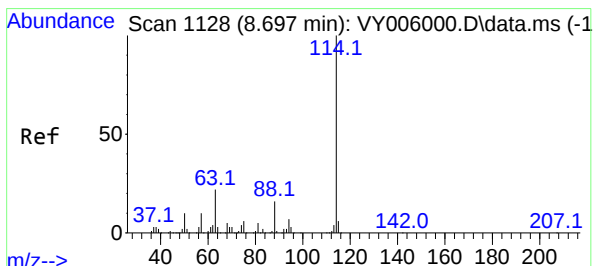
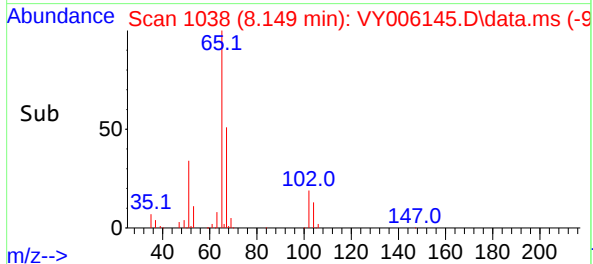
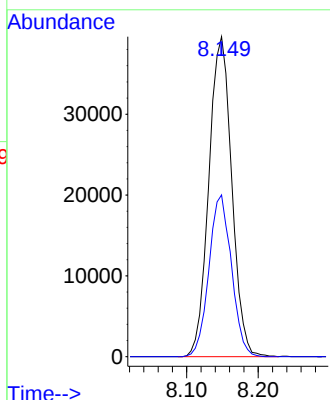
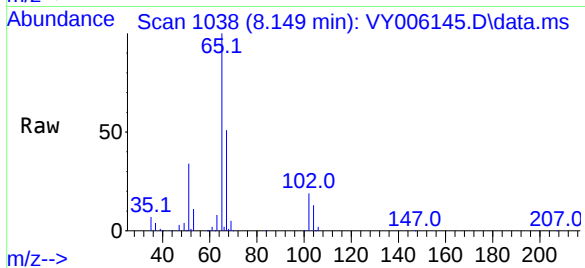




#33
1,2-Dichloroethane-d4
Concen: 49.66 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

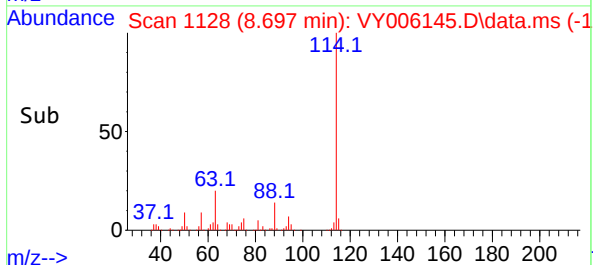
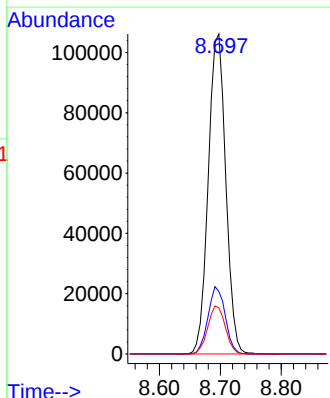
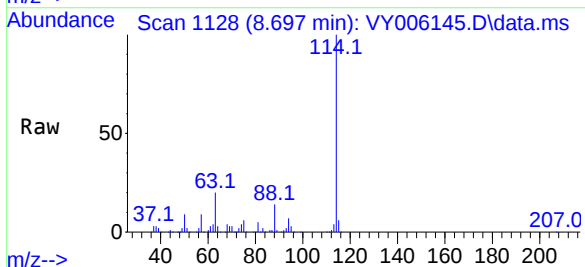
Instrument :
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WOOSPK-BACKFILL-02

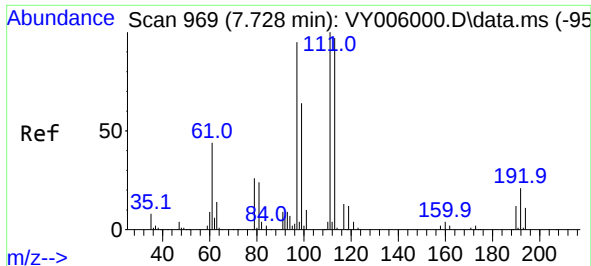
Tgt Ion: 65 Resp: 88033
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion: 114 Resp: 211429
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 14.4 0.0 31.8

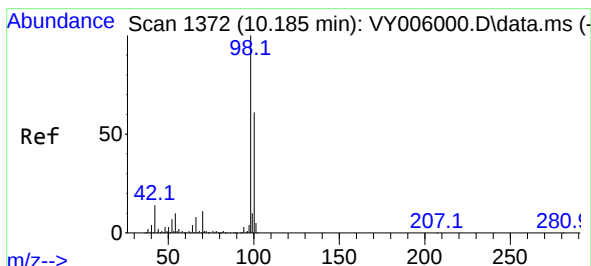
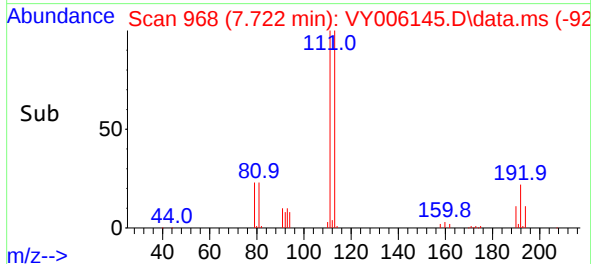
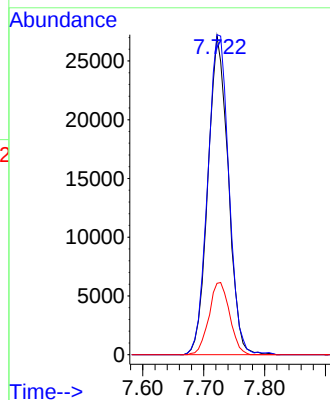
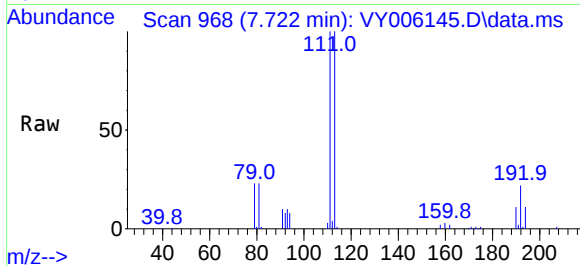




#35
Dibromofluoromethane
Concen: 47.83 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

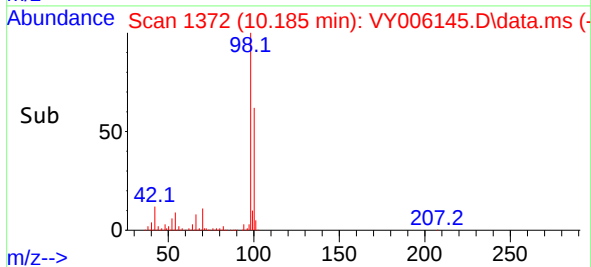
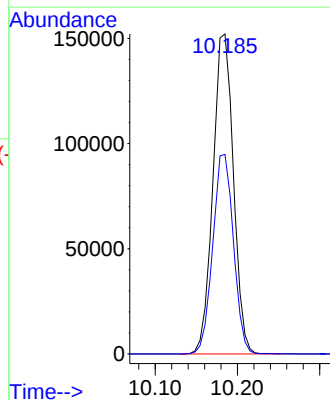
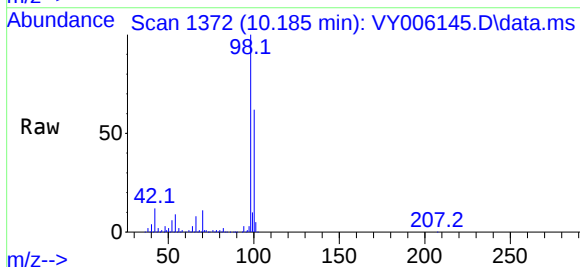
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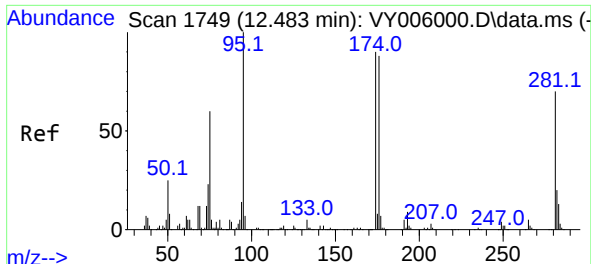
Tgt Ion:113 Resp: 62806
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 23.0 17.6 26.4



#50
Toluene-d8
Concen: 47.06 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion: 98 Resp: 263411
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

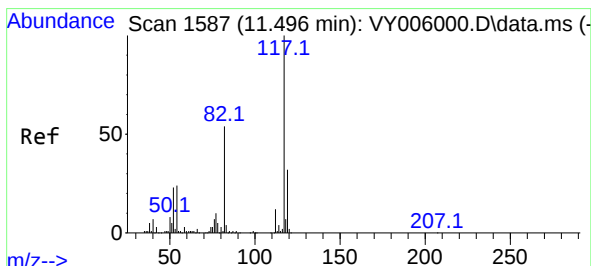
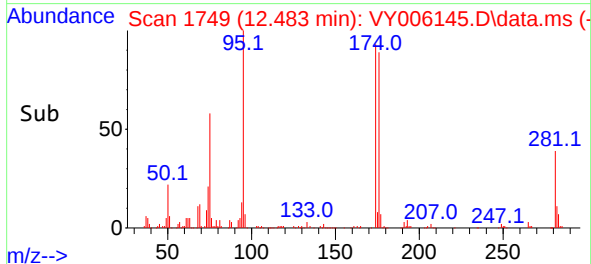
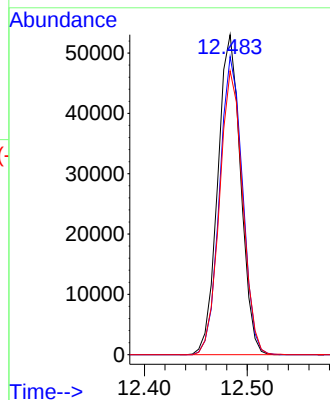
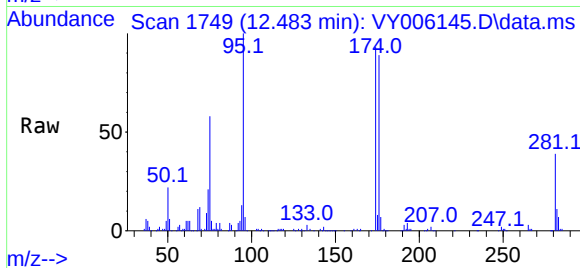




#62
4-Bromofluorobenzene
Concen: 43.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

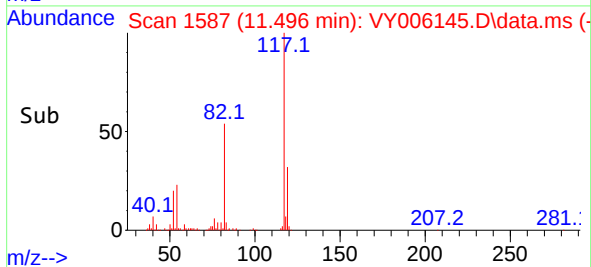
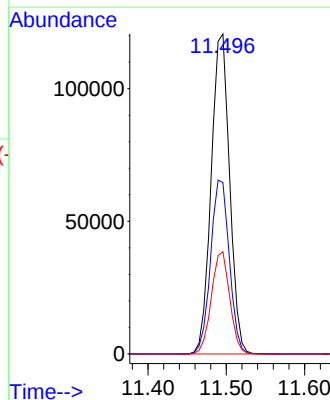
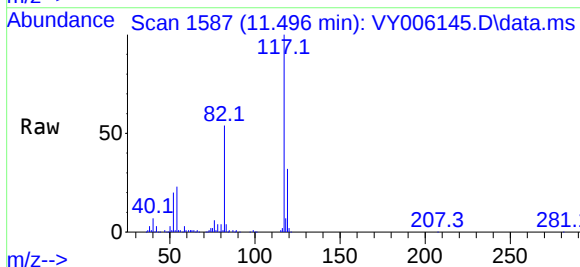
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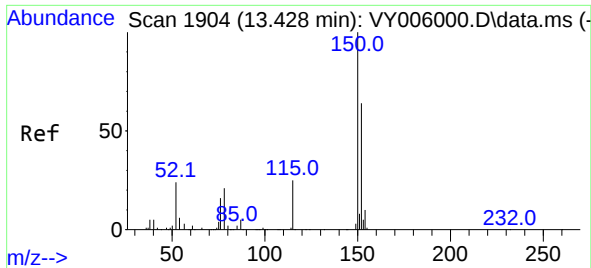
Tgt Ion:	95	Resp:	81879
Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	177.0
176	89.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006145.D
Acq: 24 Sep 2021 17:52

Tgt Ion:	117	Resp:	197268
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	31.9	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006145.D
 Acq: 24 Sep 2021 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-02

Tgt Ion:	152	Resp:	79402
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	159.8	0.0	347.6

