

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006147.D
 Acq On : 24 Sep 2021 18:38
 Operator : SY/MD
 Sample : M3927-19
 Misc : 6.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-04

Quant Time: Sep 25 05:47:38 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)

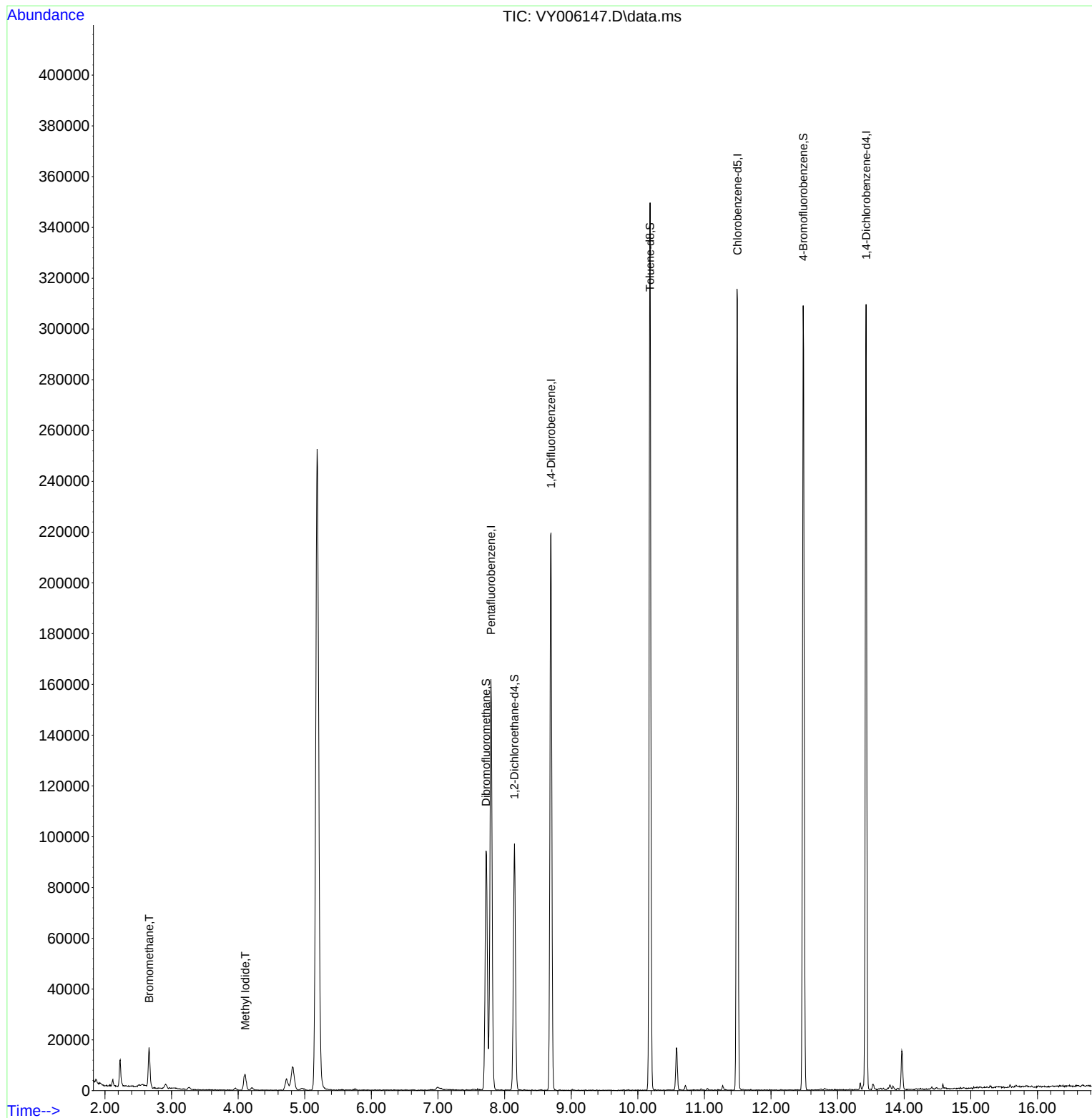
Internal Standards						
1) Pentafluorobenzene	7.795	168	124719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	165901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	79767	46.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.08%
35) Dibromofluoromethane	7.722	113	62583	55.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.16%
50) Toluene-d8	10.184	98	220456	45.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.86%
62) 4-Bromofluorobenzene	12.483	95	69257	42.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.00%
Target Compounds						
5) Bromomethane	2.661	94	9763	8.14	ug/l	96
10) Methyl Iodide	4.106	142	9742	7.64	ug/l	95

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

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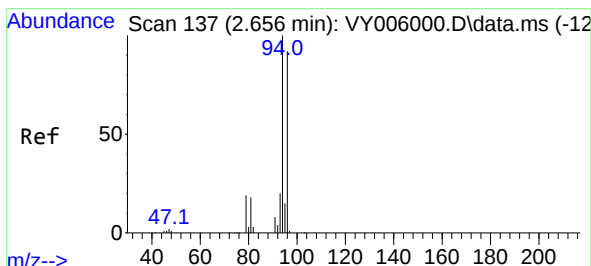
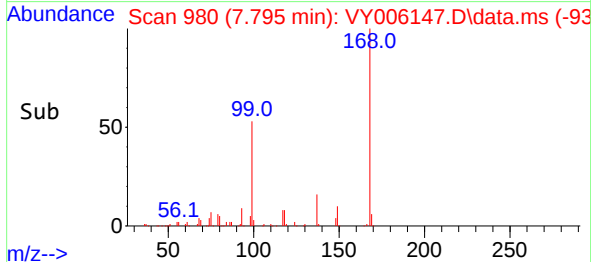
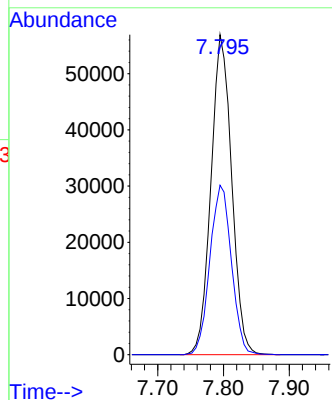
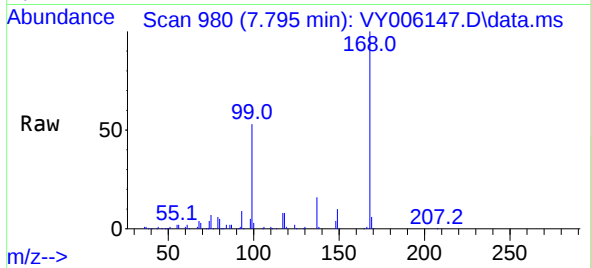




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

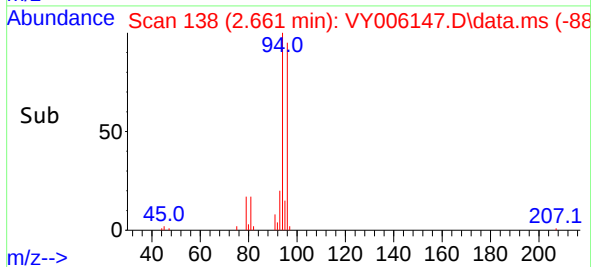
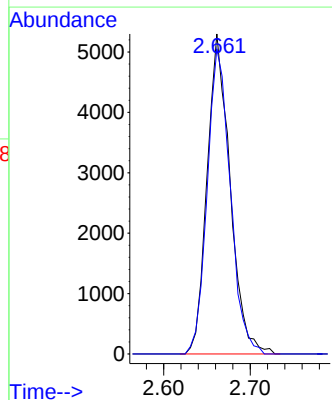
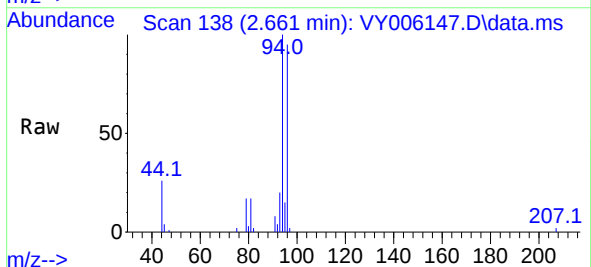
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-04

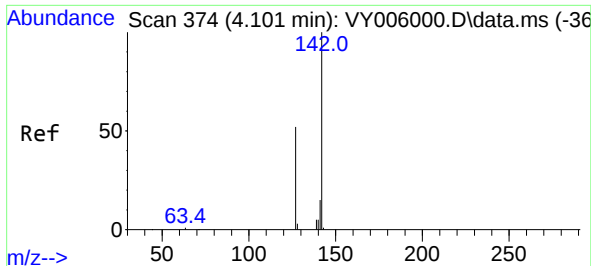
Tgt Ion:168 Resp: 124719
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#5
Bromomethane
Concen: 8.14 ug/l
RT: 2.661 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion: 94 Resp: 9763
Ion Ratio Lower Upper
94 100
96 95.4 73.5 110.3

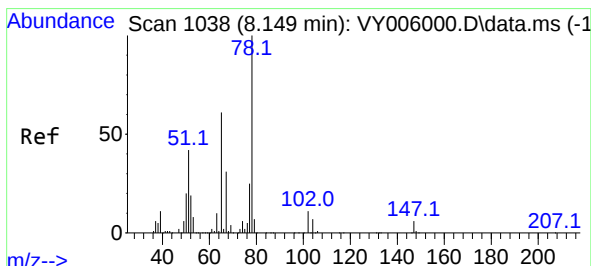
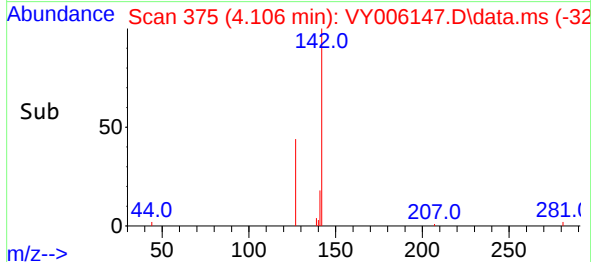
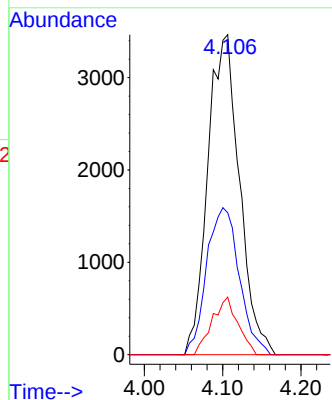
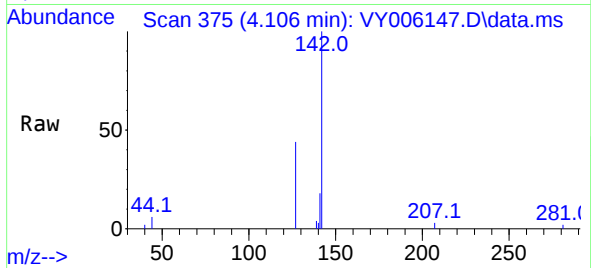




#10
Methyl Iodide
Concen: 7.64 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

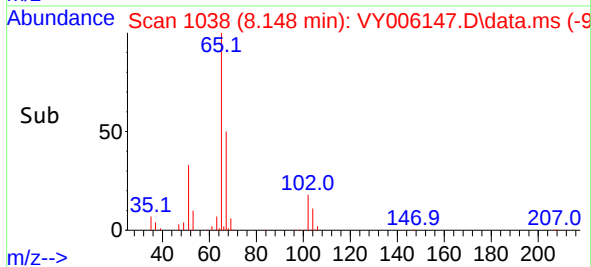
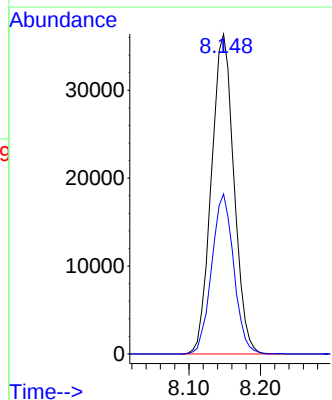
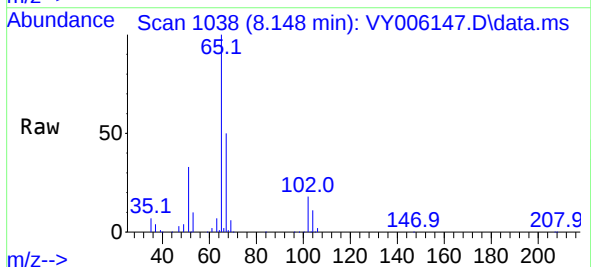
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-04

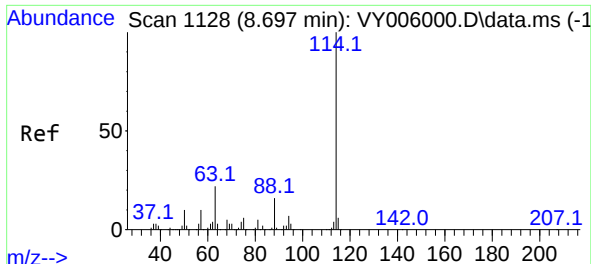
Tgt Ion:142 Resp: 9742
Ion Ratio Lower Upper
142 100
127 47.4 41.5 62.3
141 14.6 11.9 17.9



#33
1,2-Dichloroethane-d4
Concen: 46.04 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

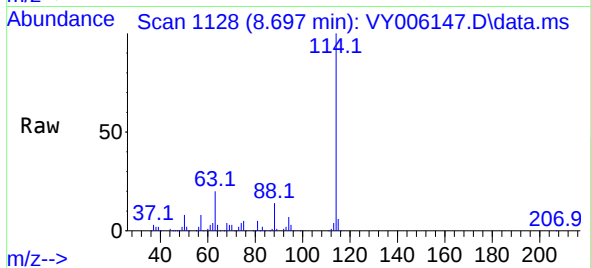
Tgt Ion: 65 Resp: 79767
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4



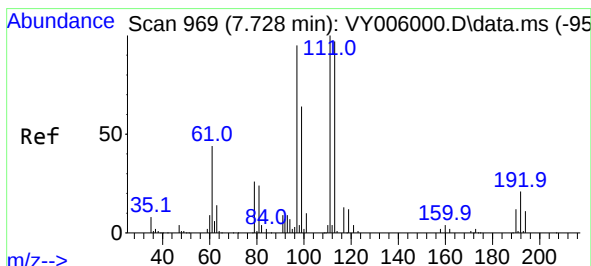
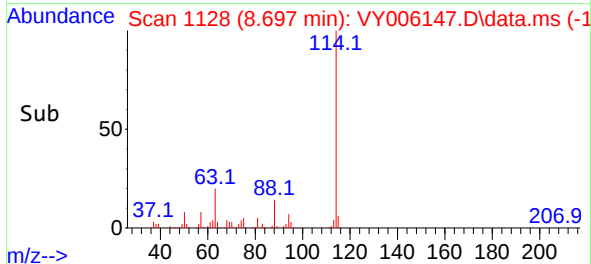
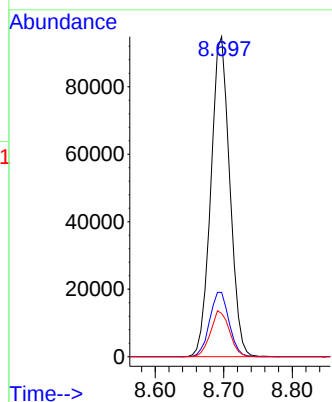


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-04

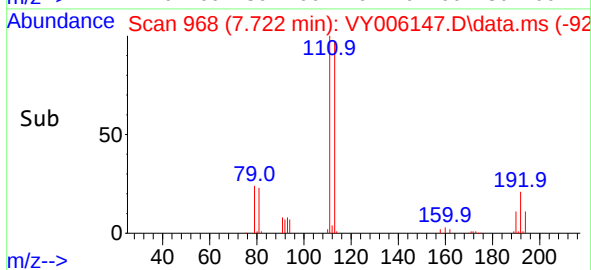
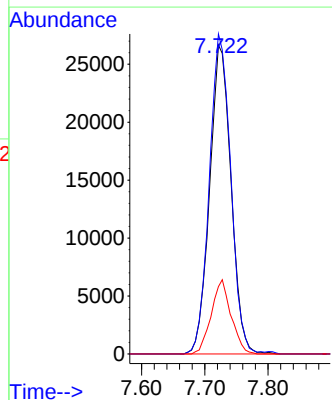
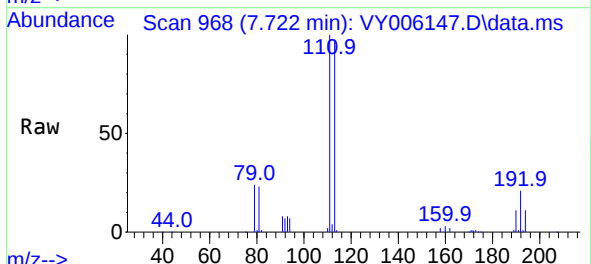


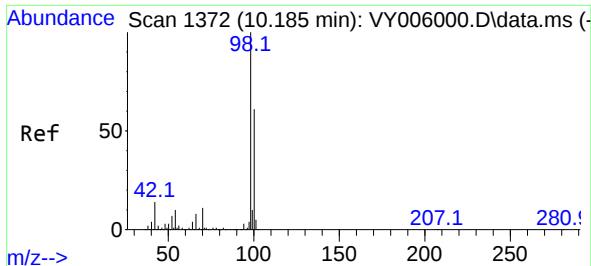
Tgt Ion:	114	Resp:	181299
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	13.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.58 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion:	113	Resp:	62583
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	22.3	17.6	26.4

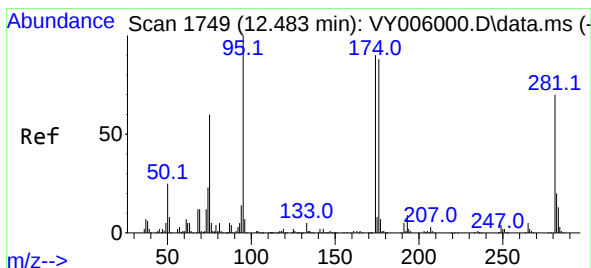
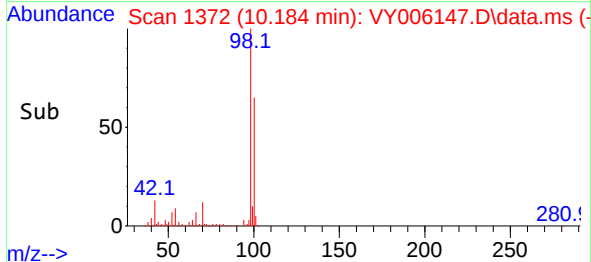
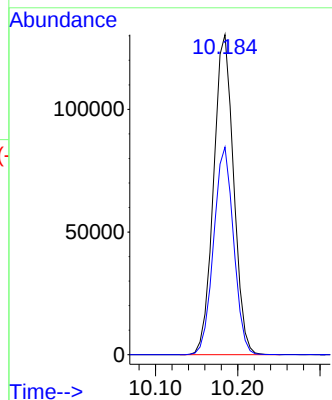
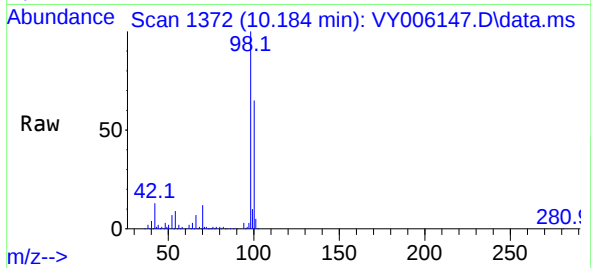




#50
Toluene-d8
Concen: 45.93 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

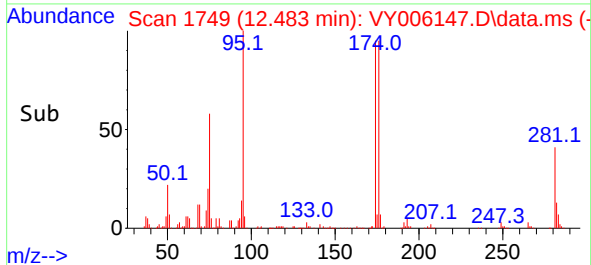
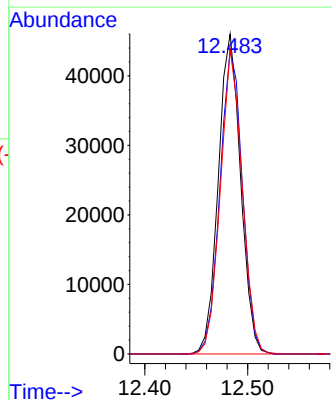
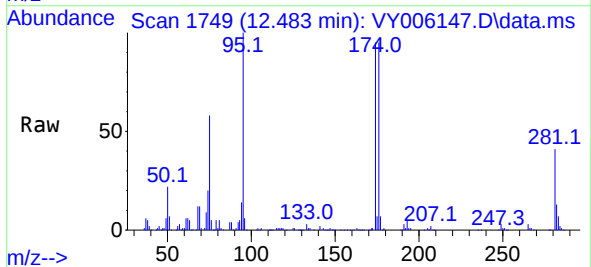
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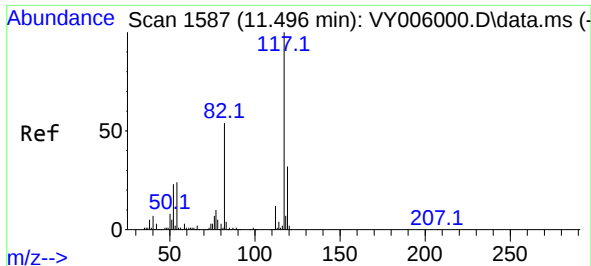
Tgt Ion: 98 Resp: 220456
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion: 95 Resp: 69257
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 93.1 0.0 175.8

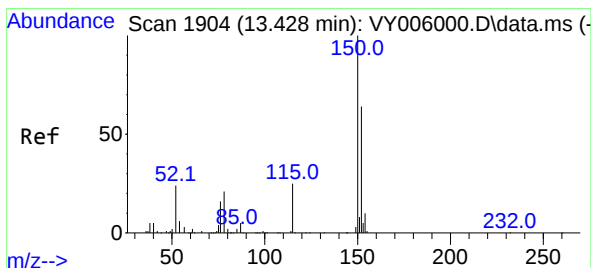
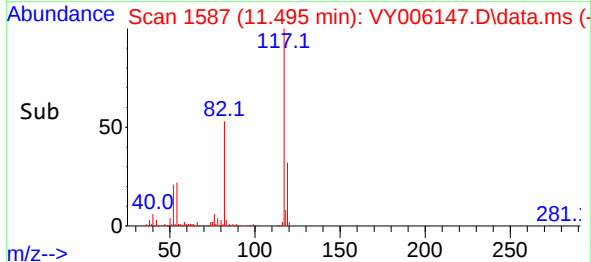
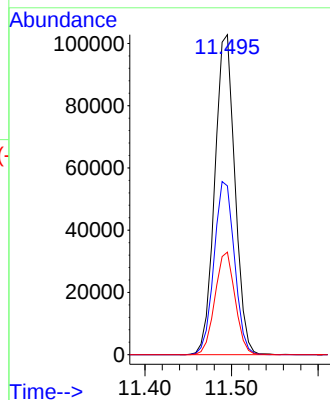
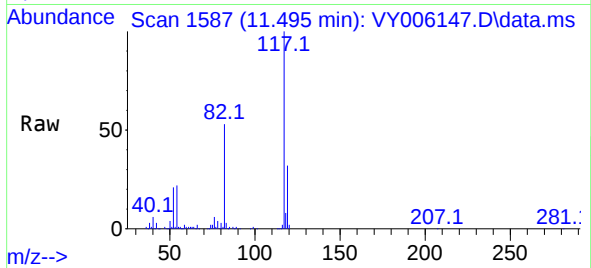




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006147.D
Acq: 24 Sep 2021 18:38

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Tgt Ion:	117	Resp:	165901
Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	32.0	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: VY006147.D
Acq: 24 Sep 2021 18:38

Tgt Ion:	152	Resp:	76837
Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	159.2	0.0	347.6

