

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006144.D
 Acq On : 24 Sep 2021 17:28
 Operator : SY/MD
 Sample : M3927-13
 Misc : 5.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-01

Quant Time: Sep 25 05:46:50 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)

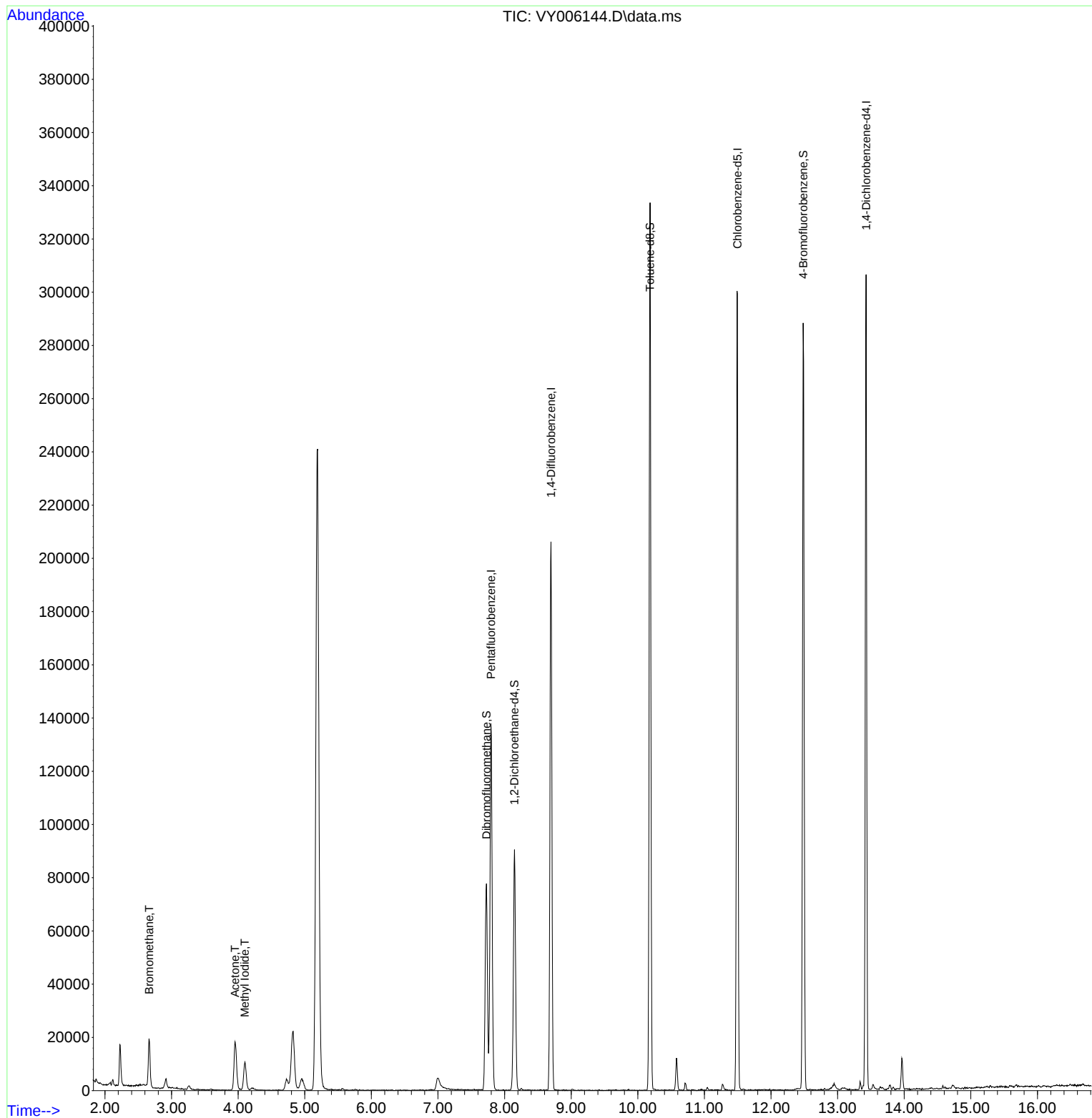
Internal Standards						
1) Pentafluorobenzene	7.795	168	107847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	161016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73094	48.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.58%
35) Dibromofluoromethane	7.728	113	51915	48.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.26%
50) Toluene-d8	10.185	98	213065	46.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.66%
62) 4-Bromofluorobenzene	12.483	95	66081	42.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.56%
Target Compounds						Qvalue
5) Bromomethane	2.662	94	11586	11.16	ug/l	96
10) Methyl Iodide	4.100	142	16367	14.85	ug/l	97
16) Acetone	3.954	43	32352	78.74	ug/l	97

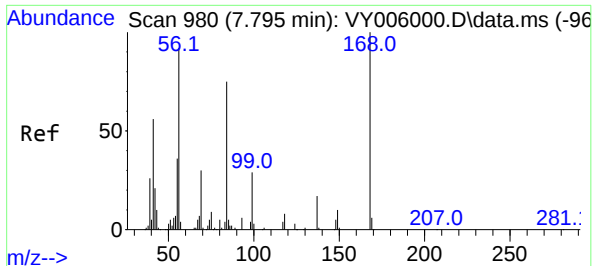
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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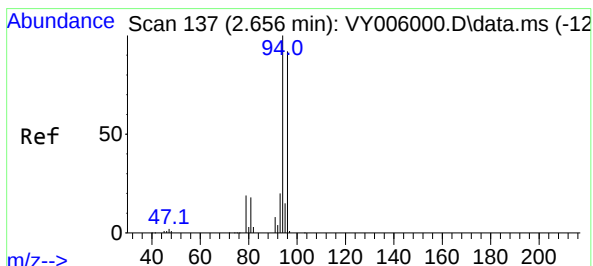
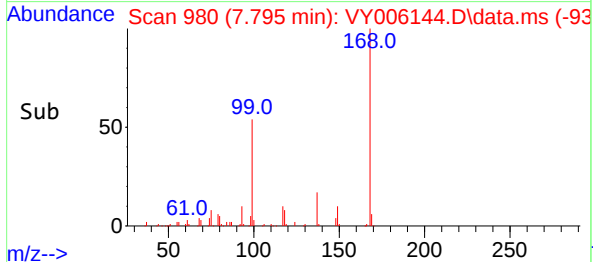
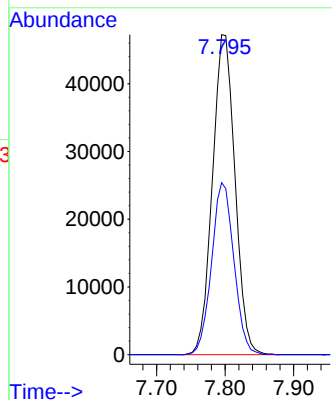
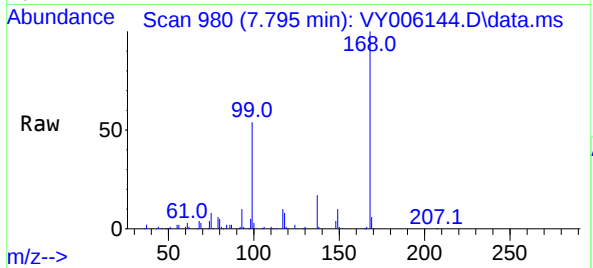




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

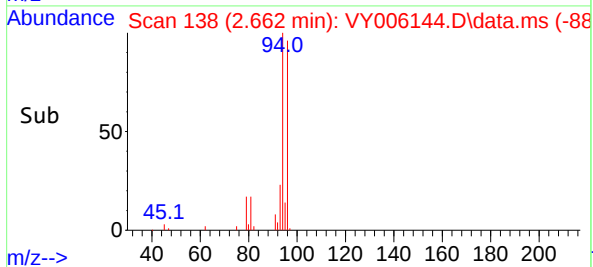
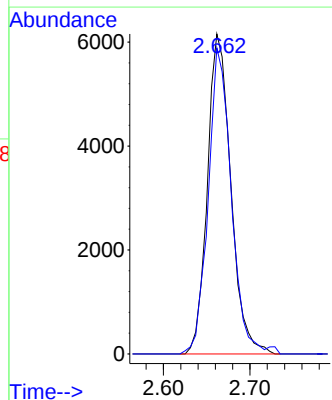
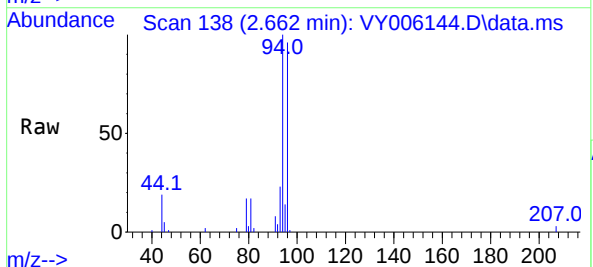
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-01

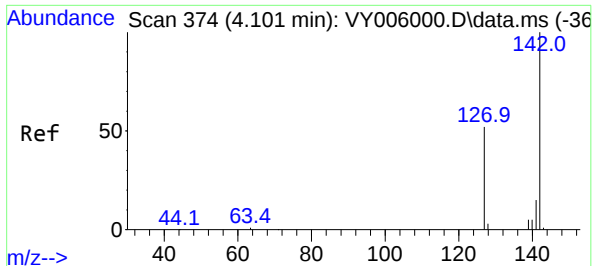
Tgt Ion:168 Resp: 107847
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#5
Bromomethane
Concen: 11.16 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 94 Resp: 11586
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3



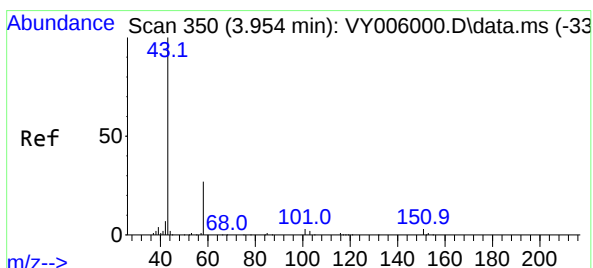
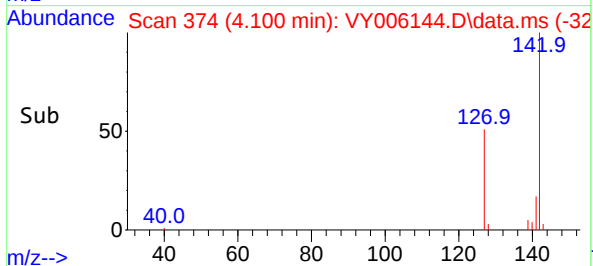
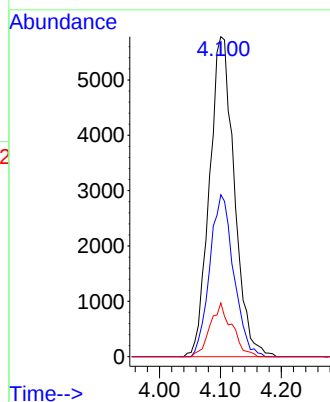
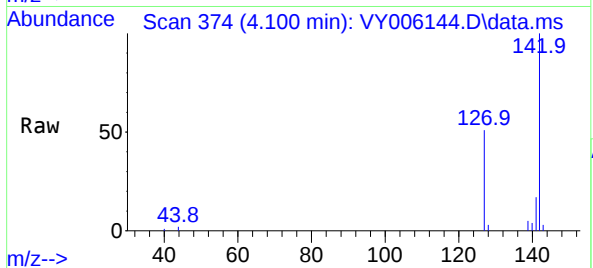


#10
Methyl Iodide
Concen: 14.85 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-01

Tgt Ion:142 Resp: 16367

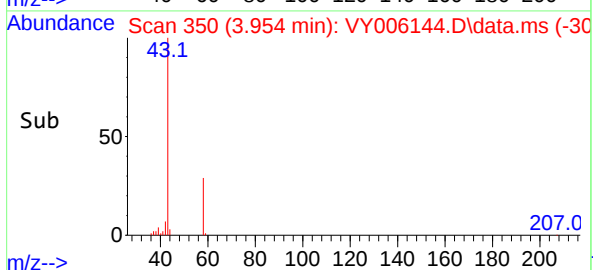
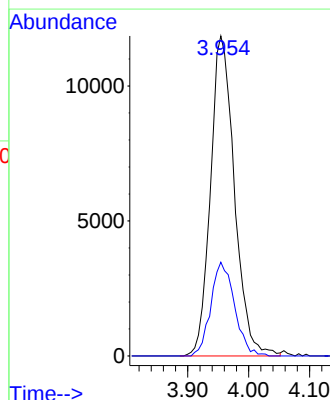
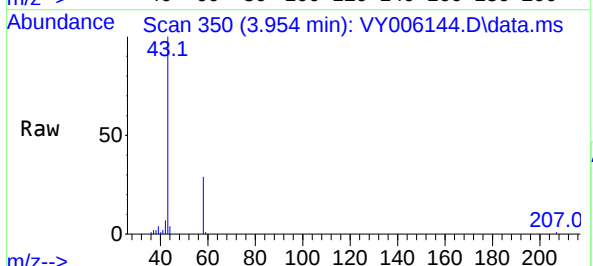
Ion	Ratio	Lower	Upper
142	100		
127	48.8	41.5	62.3
141	14.8	11.9	17.9

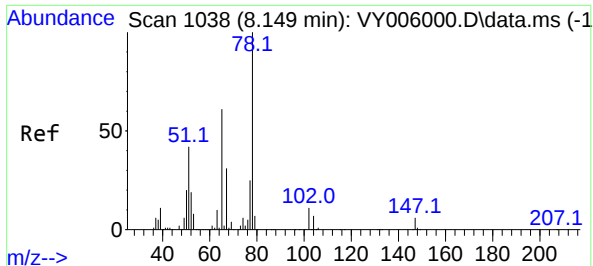


#16
Acetone
Concen: 78.74 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 43 Resp: 32352

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.0	33.0

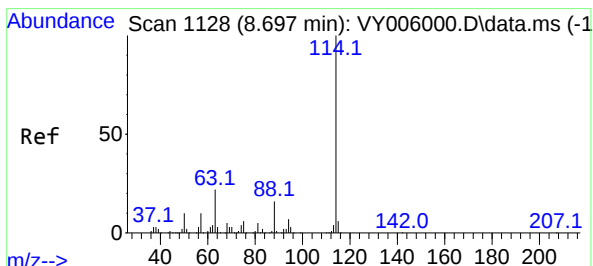
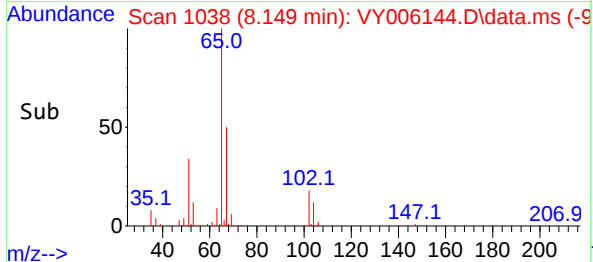
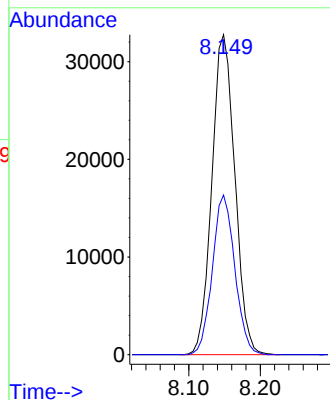
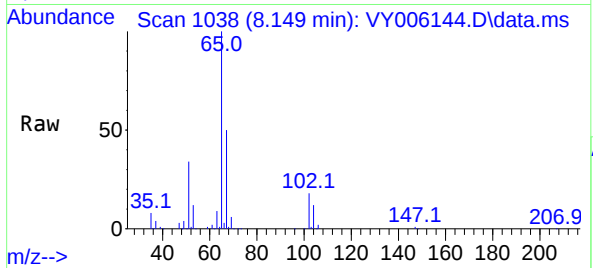




#33
1,2-Dichloroethane-d4
Concen: 48.79 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

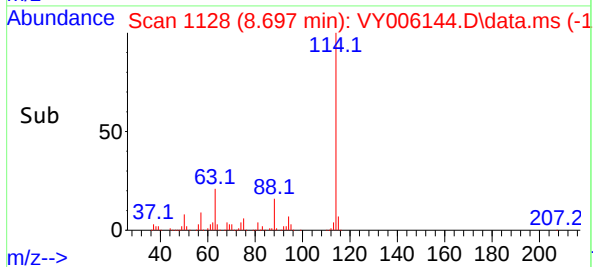
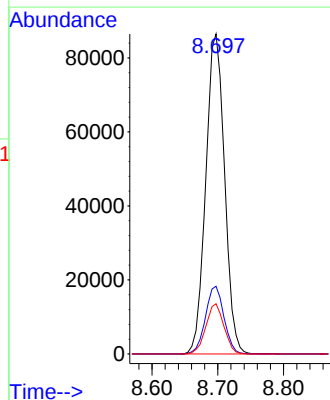
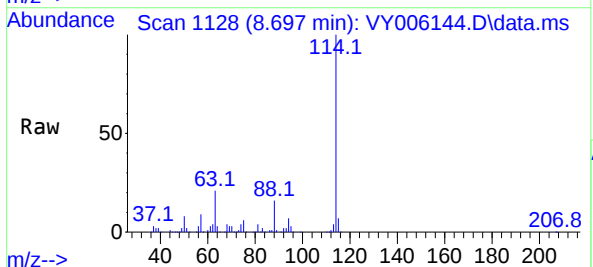
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-01

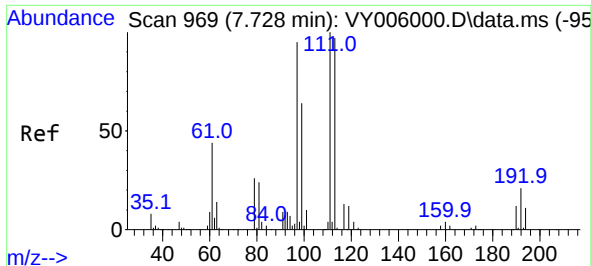
Tgt Ion: 65 Resp: 73094
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion: 114 Resp: 171877
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 15.7 0.0 31.8

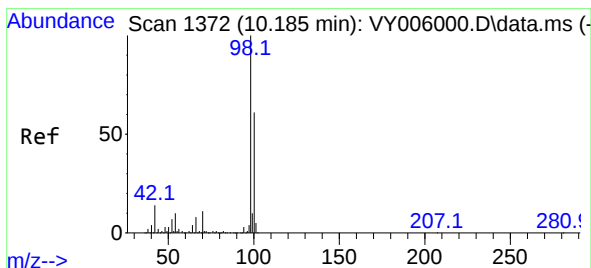
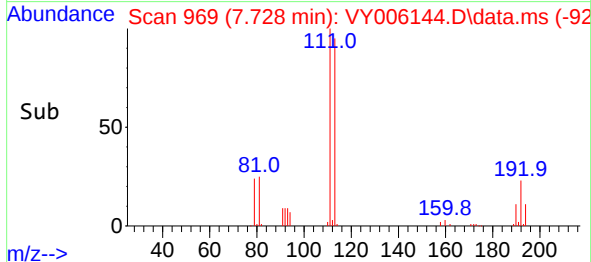
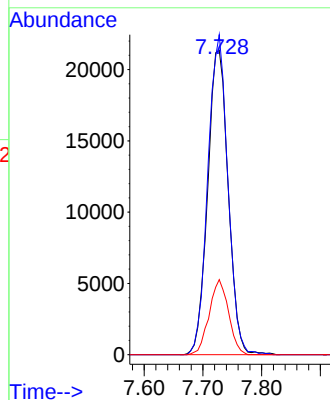
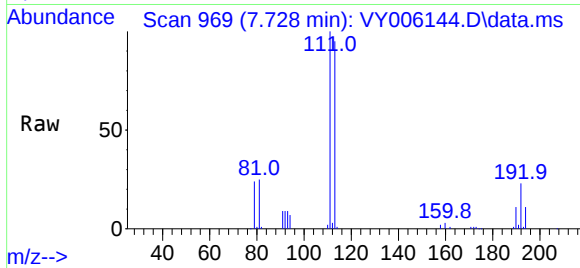




#35
Dibromofluoromethane
Concen: 48.63 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

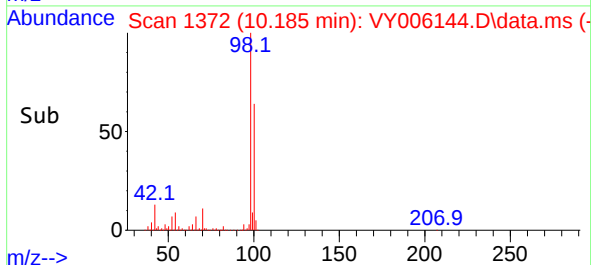
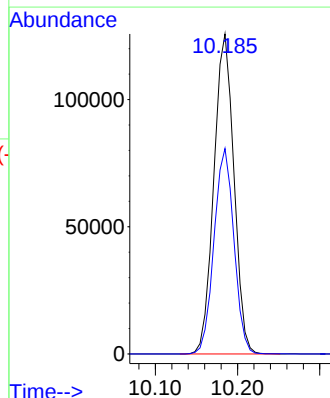
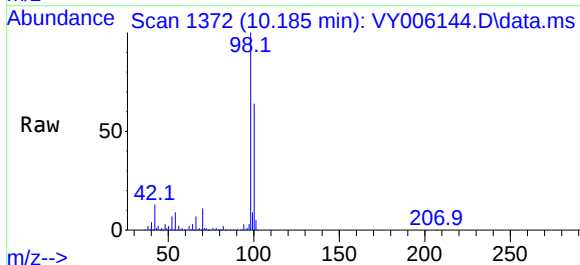
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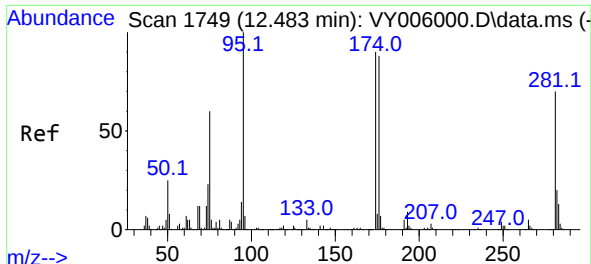
Tgt Ion:	113	Resp:	51915
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	23.2	17.6	26.4



#50
Toluene-d8
Concen: 46.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion:	98	Resp:	213065
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.2	75.2

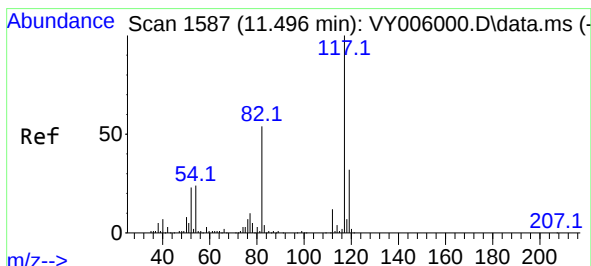
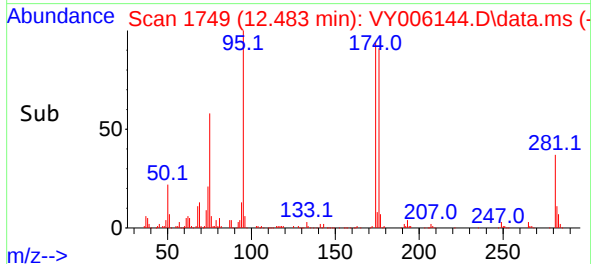
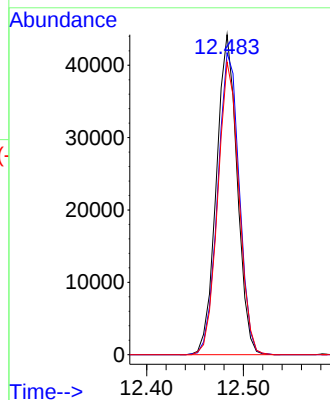
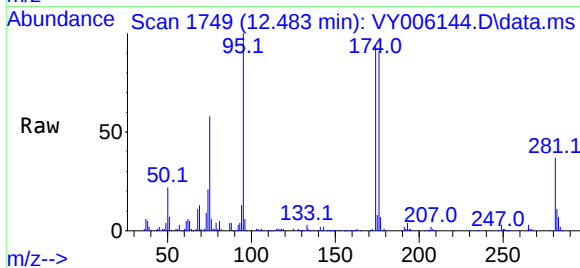




#62
4-Bromofluorobenzene
Concen: 42.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

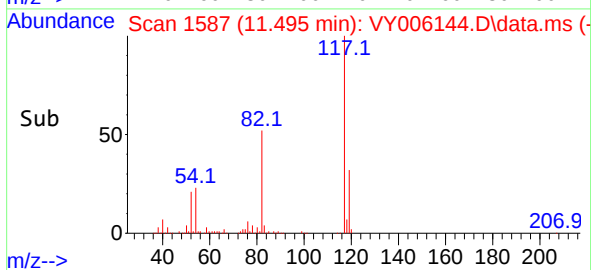
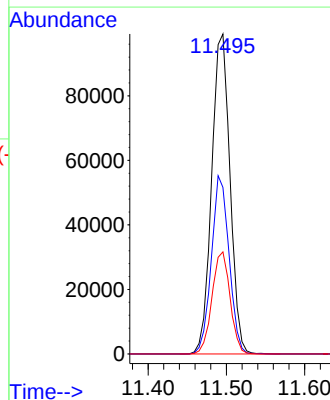
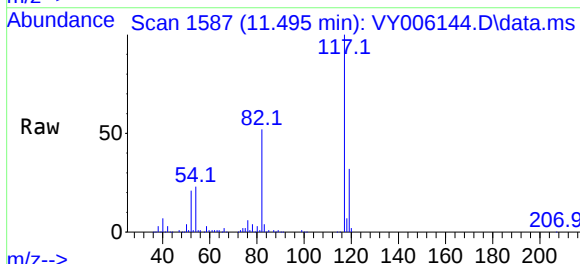
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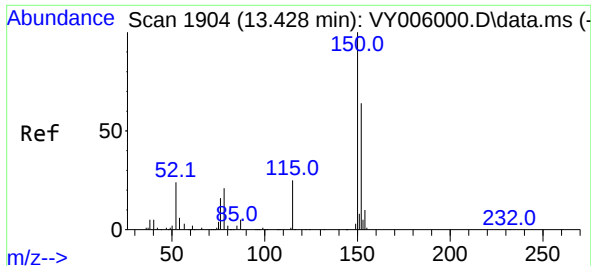
Tgt Ion:	95	Resp:	66081
Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	177.0
176	92.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006144.D
Acq: 24 Sep 2021 17:28

Tgt Ion:	117	Resp:	161016
Ion	Ratio	Lower	Upper
117	100		
82	52.1	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: VY006144.D
 Acq: 24 Sep 2021 17:28

Instrument :
 MSVOA_Y
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Tgt Ion:152 Resp: 75442
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 156.4 0.0 347.6

