

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004580.D
 Acq On : 22 Apr 2021 13:19
 Operator : SY/MD
 Sample : M2107-10
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31-10.5-11.0

Quant Time: Apr 23 09:19:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

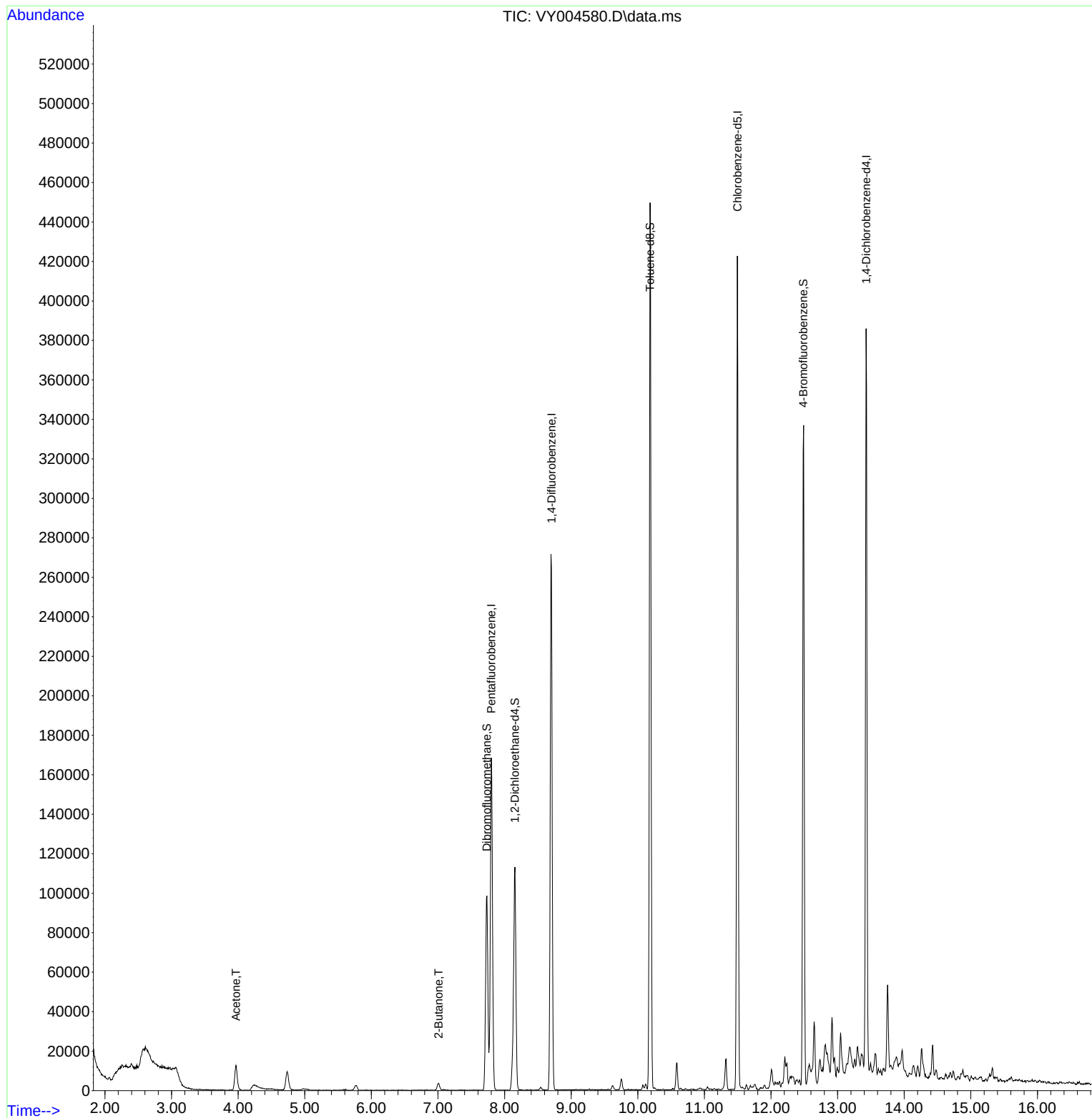
Internal Standards						
1) Pentafluorobenzene	7.801	168	124522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	224541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	210469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82347	59.52	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.04%			
35) Dibromofluoromethane	7.734	113	68380	54.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.76%			
50) Toluene-d8	10.185	98	277095	52.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.56%			
62) 4-Bromofluorobenzene	12.483	95	91597	50.93	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.86%			
Target Compounds					Qvalue	
16) Acetone	3.966	43	21966	60.20	ug/l	97
25) 2-Butanone	7.009	43	6323	12.00	ug/l	97

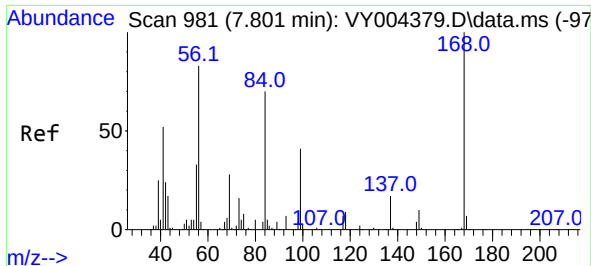
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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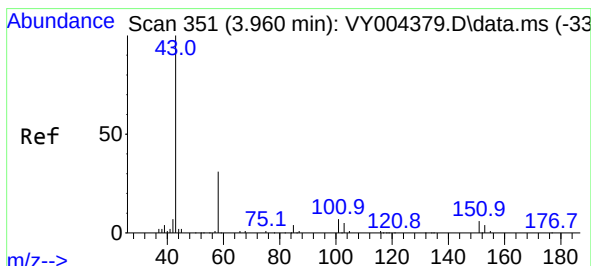
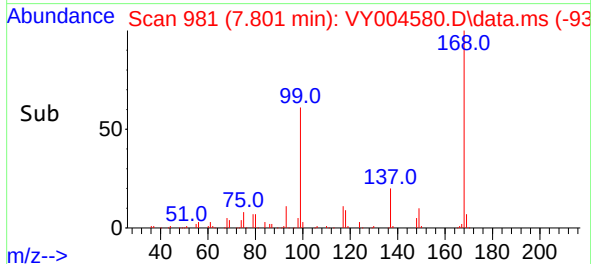
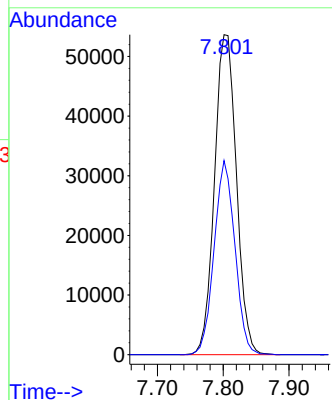
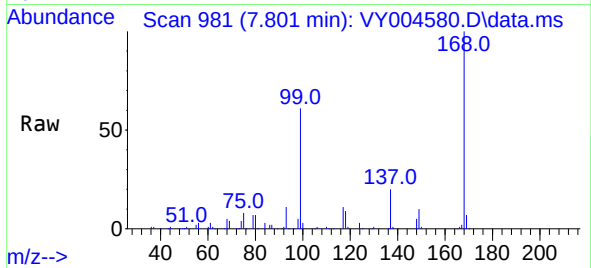




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

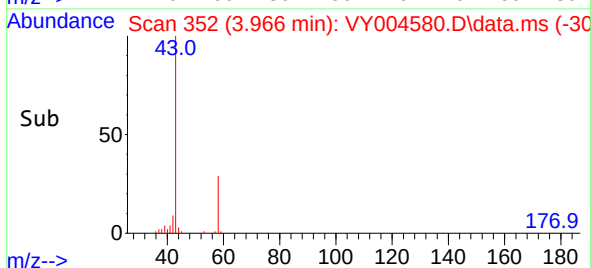
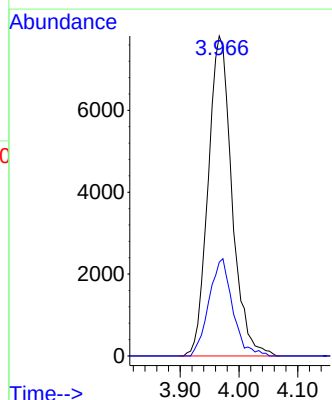
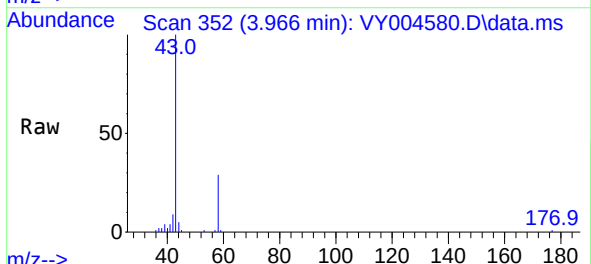
Instrument :
MSVOA_Y
ClientSampleId :
SB-31-10.5-11.0

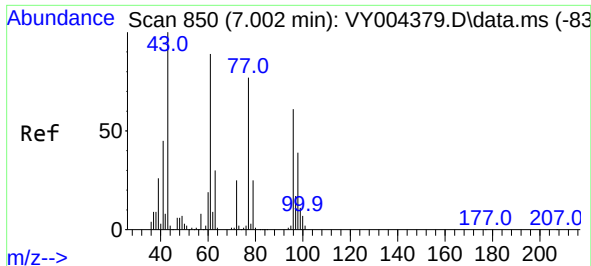
Tgt Ion:168 Resp: 124522
Ion Ratio Lower Upper
168 100
99 60.6 45.5 68.3



#16
Acetone
Concen: 60.20 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 43 Resp: 21966
Ion Ratio Lower Upper
43 100
58 29.3 24.6 37.0

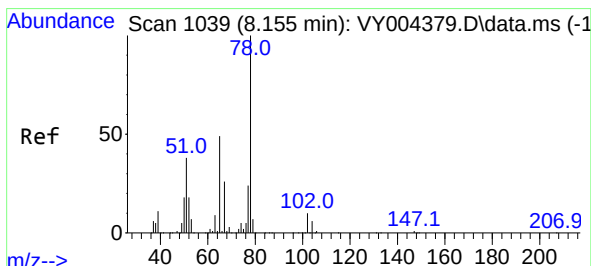
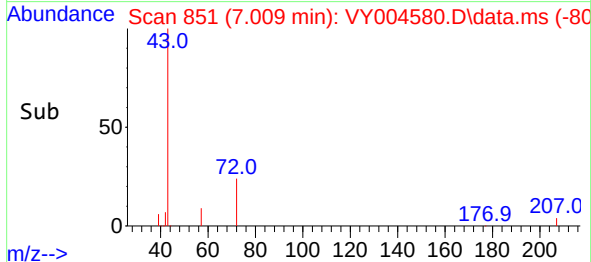
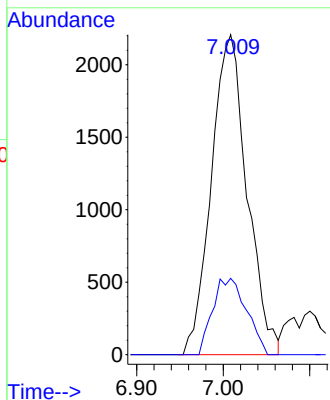
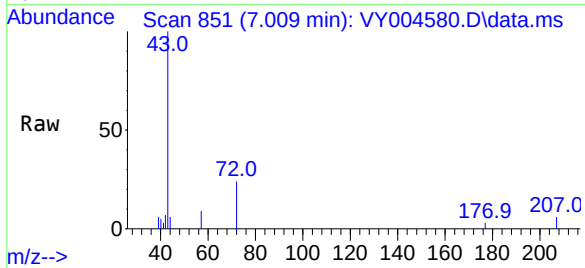




#25
2-Butanone
Concen: 12.00 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

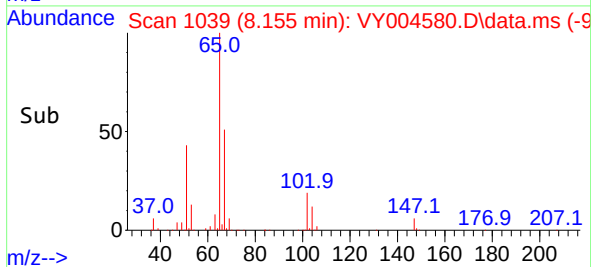
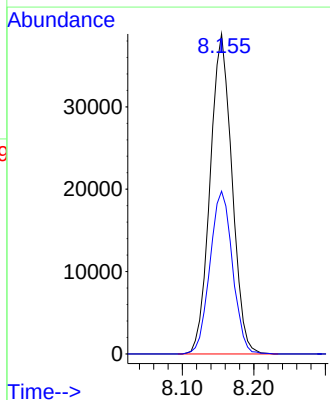
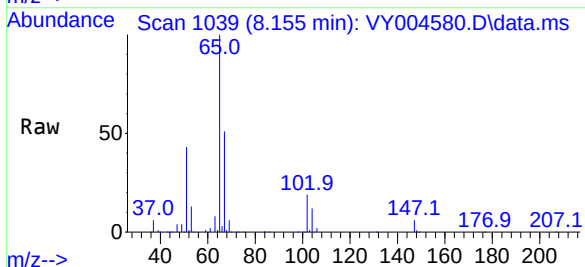
Instrument :
MSVOA_Y
ClientSampleId :
SB-31-10.5-11.0

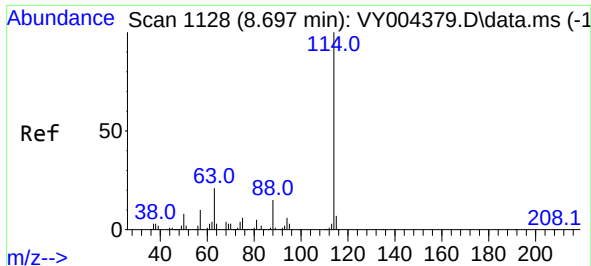
Tgt Ion: 43 Resp: 6323
Ion Ratio Lower Upper
43 100
72 23.9 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 59.52 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 65 Resp: 82347
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

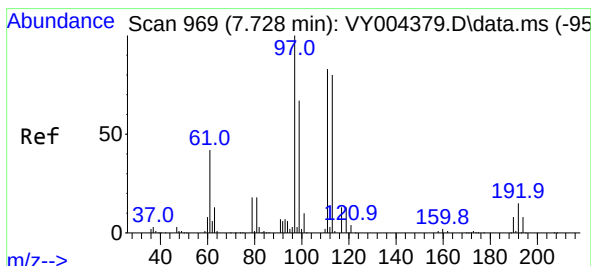
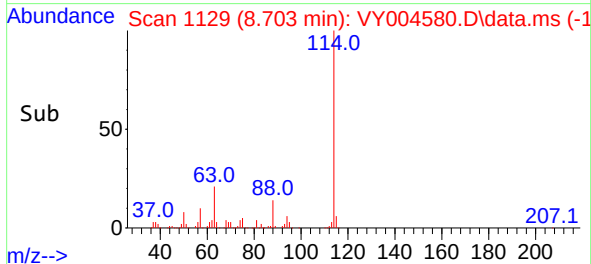
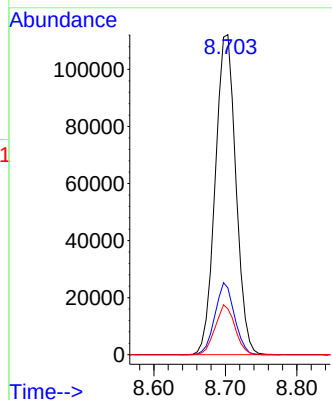
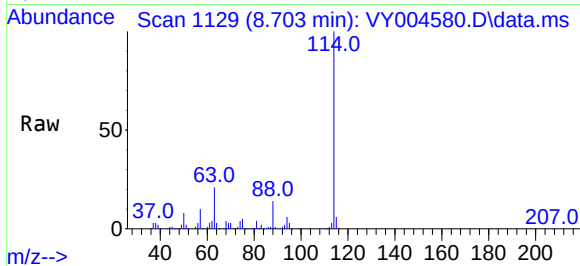




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

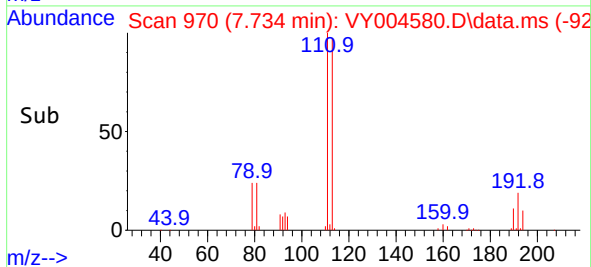
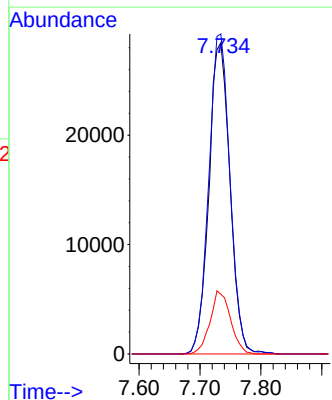
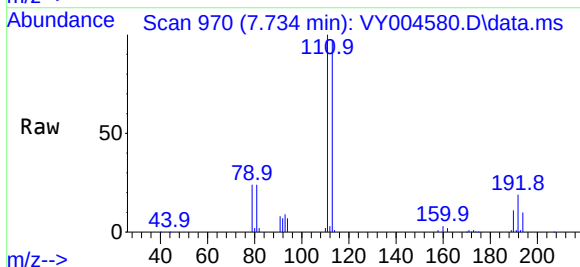
Instrument :
MSVOA_Y
ClientSampleId :
SB-31-10.5-11.0

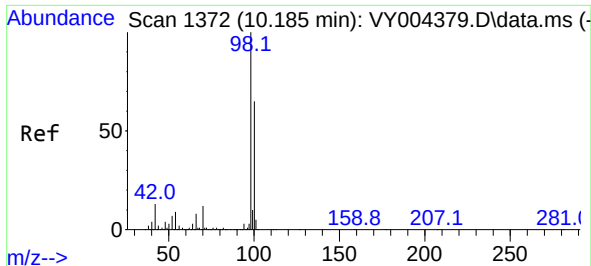
Tgt Ion:	114	Resp:	224541
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.4
88	14.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.88 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion:	113	Resp:	68380
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	19.7	16.1	24.1

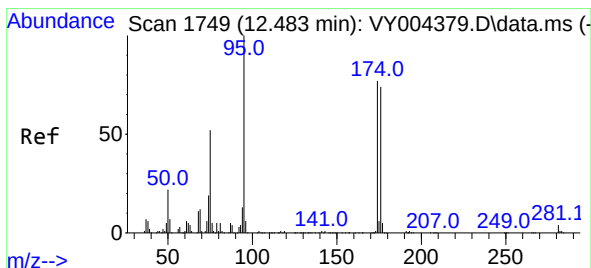
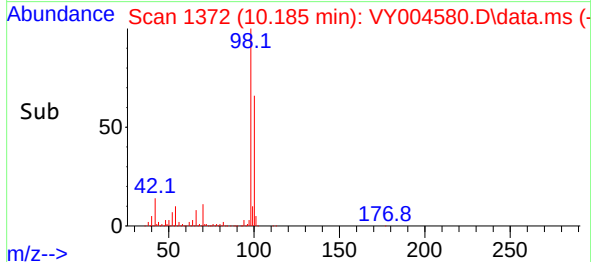
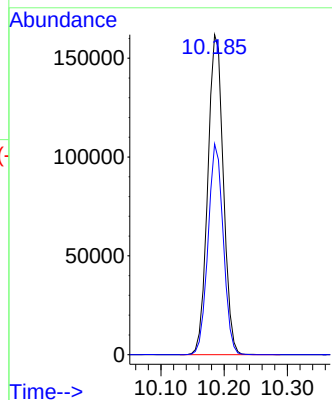
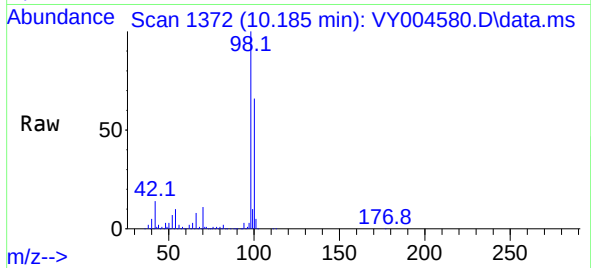




#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

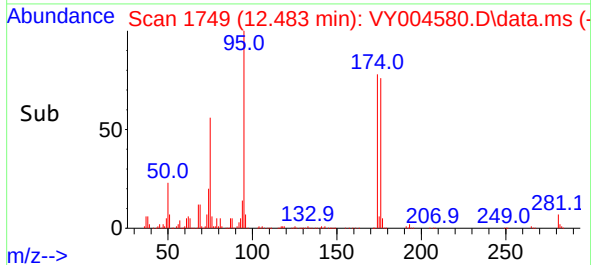
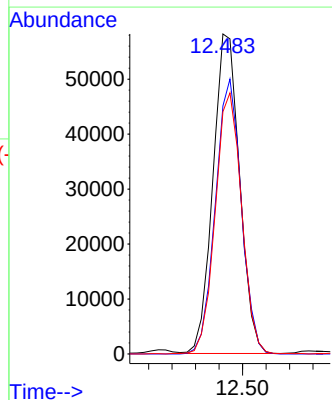
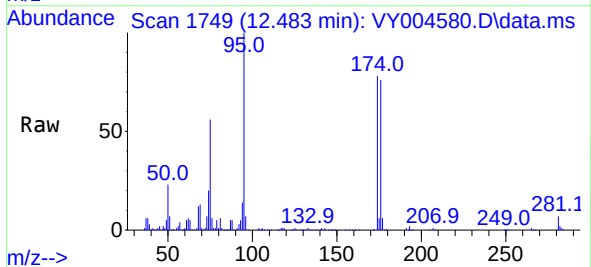
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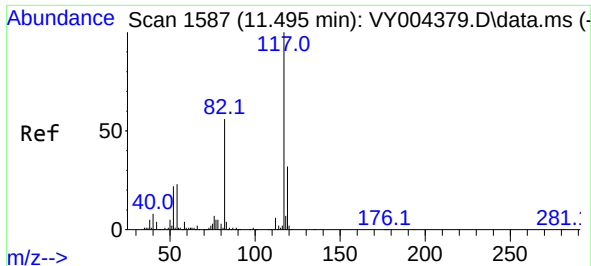
Tgt Ion: 98 Resp: 277095
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion: 95 Resp: 91597
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 80.8 0.0 156.0

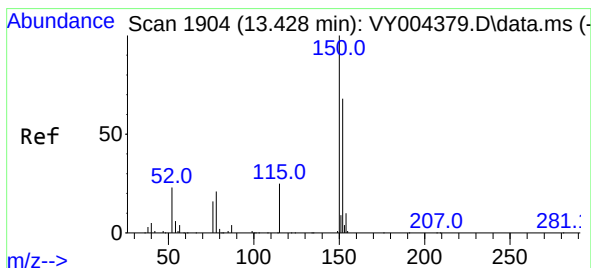
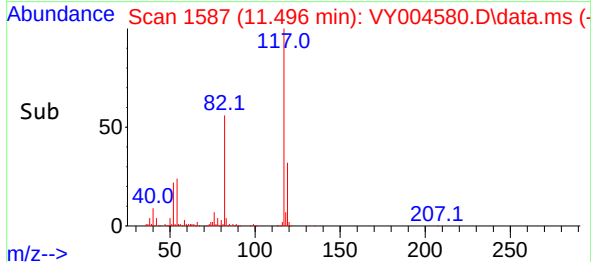
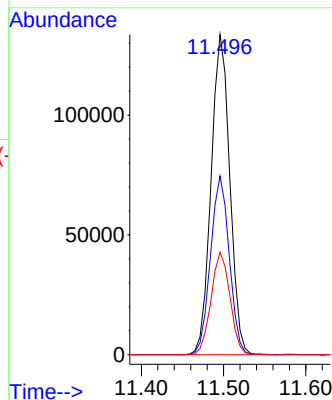
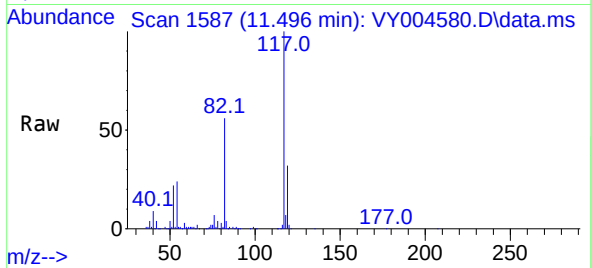




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004580.D
Acq: 22 Apr 2021 13:19

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Tgt Ion:	117	Resp:	210469
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.9	67.3
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: VY004580.D
Acq: 22 Apr 2021 13:19

Tgt Ion:	152	Resp:	90711
Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.6	88.8
150	154.8	0.0	348.4

