

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006174.D
 Acq On : 27 Sep 2021 19:26
 Operator : SY/MD
 Sample : M3922-03
 Misc : 8.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUB-SLAB-02-(5-7)

Quant Time: Sep 28 06:23:44 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	7.801	168	50957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	79186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	71115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30954	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31372	44.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.640%
35) Dibromofluoromethane	7.722	113	24373	49.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.185	98	99601	47.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.483	95	28593	40.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.360%

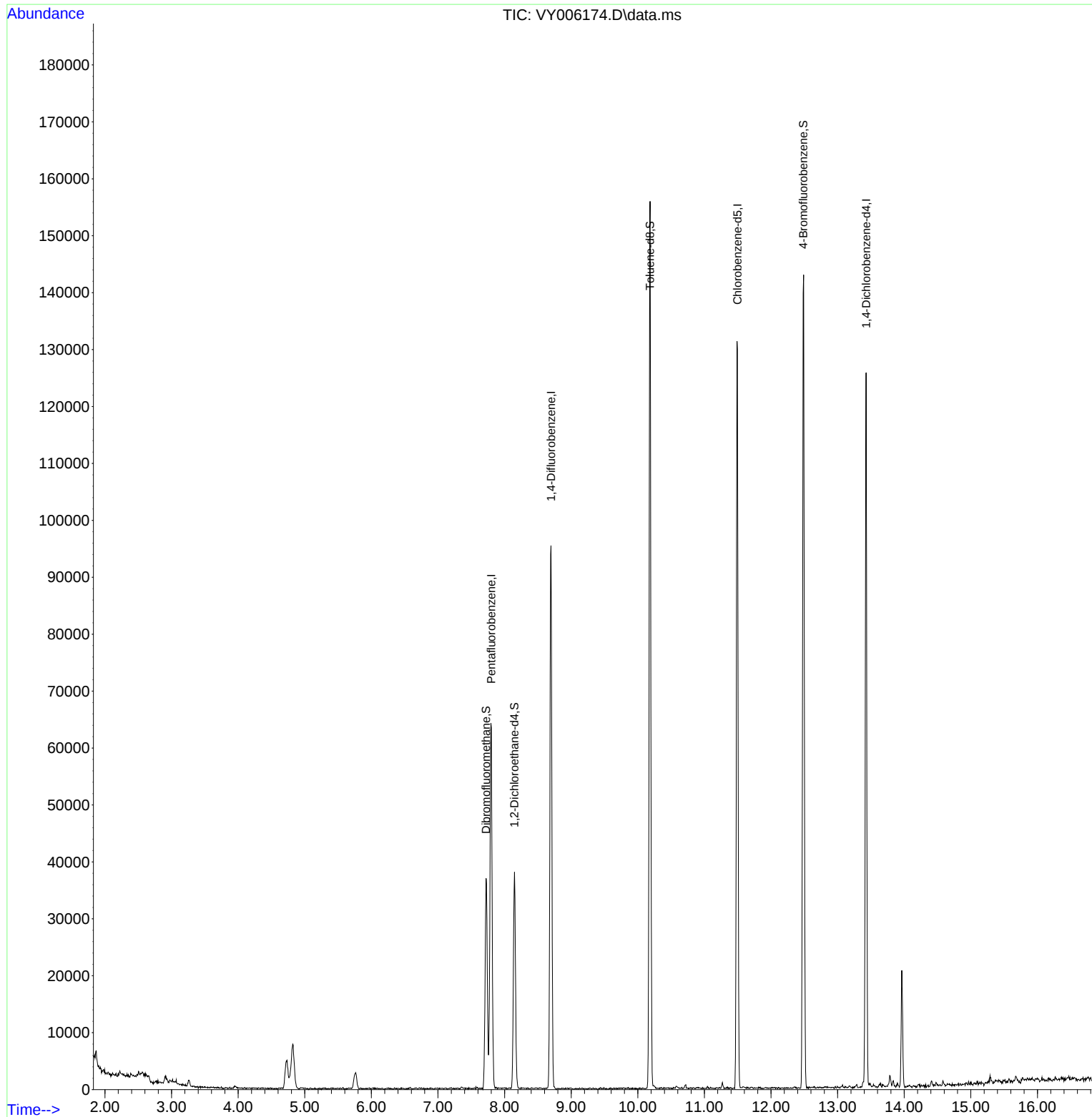
Target Compounds	Qvalue

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

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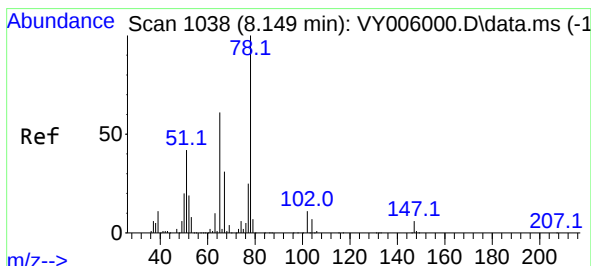
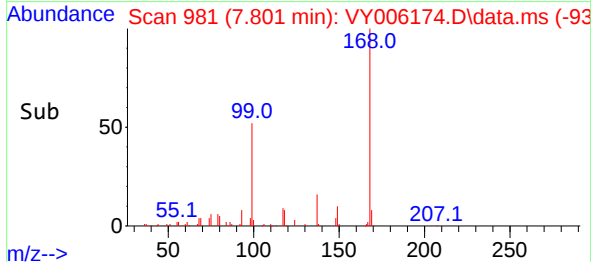
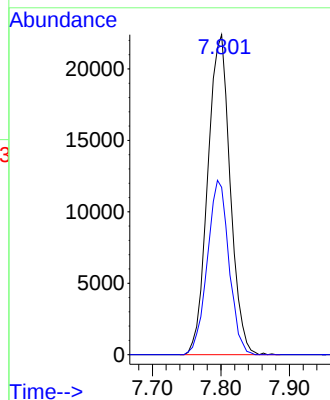
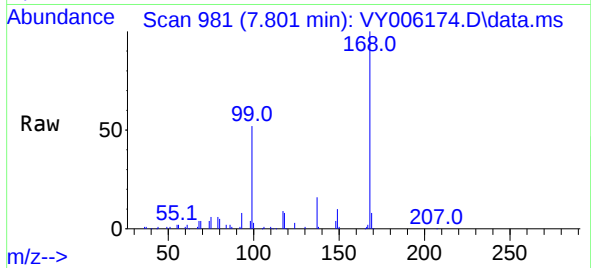




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

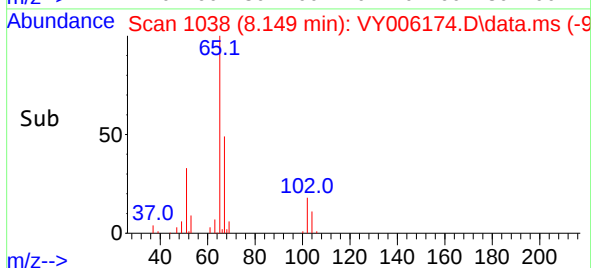
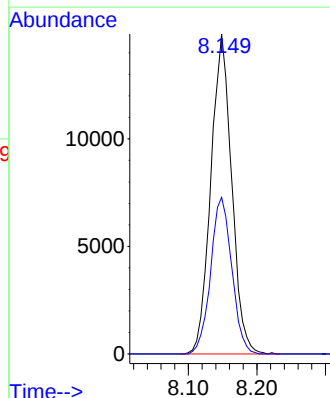
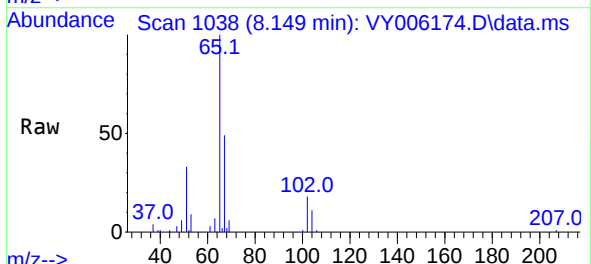
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-02-(5-7)

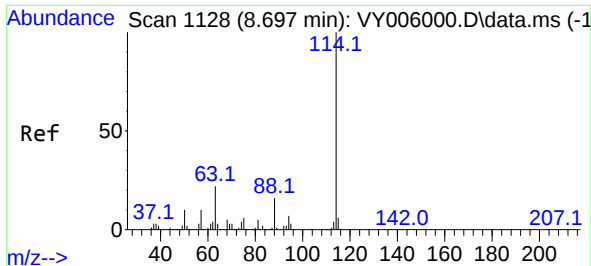
Tgt Ion:168 Resp: 50957
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.322 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

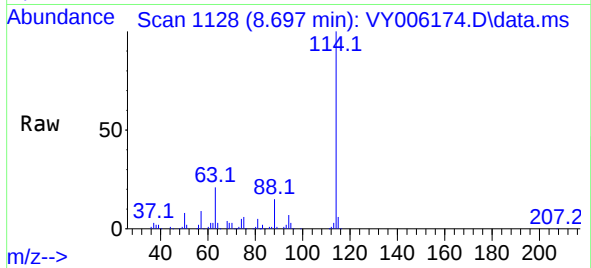
Tgt Ion: 65 Resp: 31372
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4



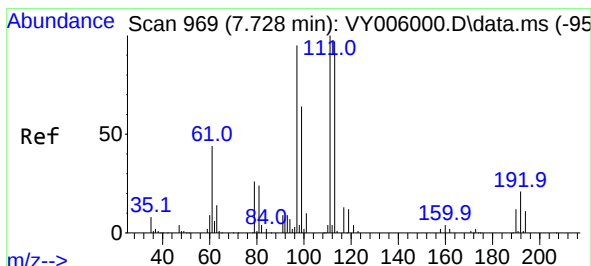
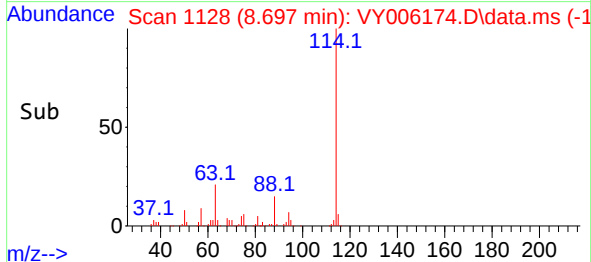
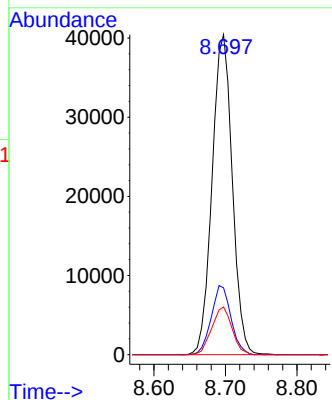


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

Instrument :
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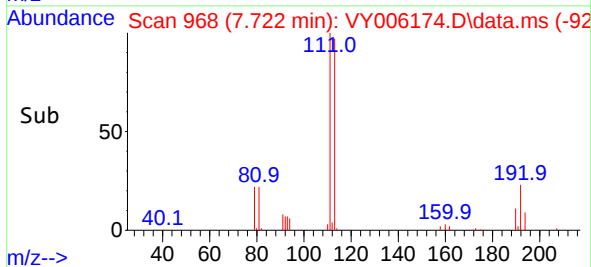
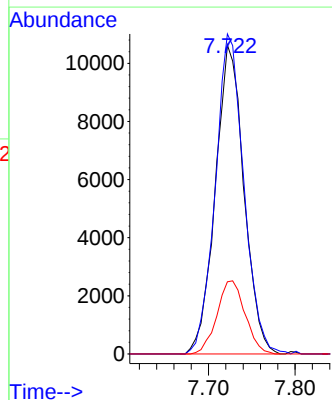
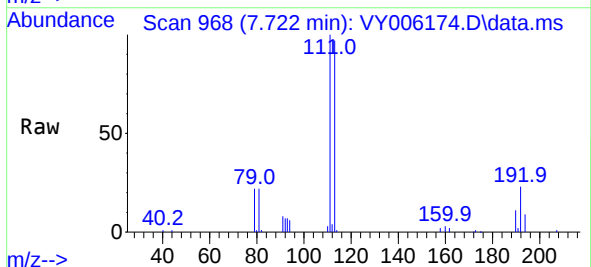


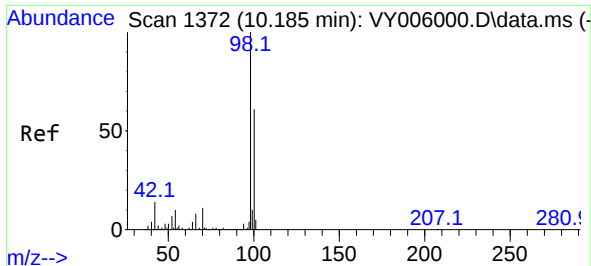
Tgt Ion:	114	Resp:	79186
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.555 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

Tgt Ion:	113	Resp:	24373
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	23.3	17.6	26.4

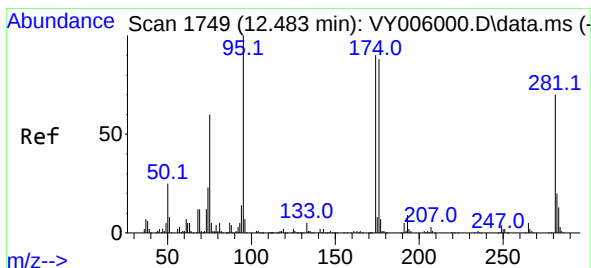
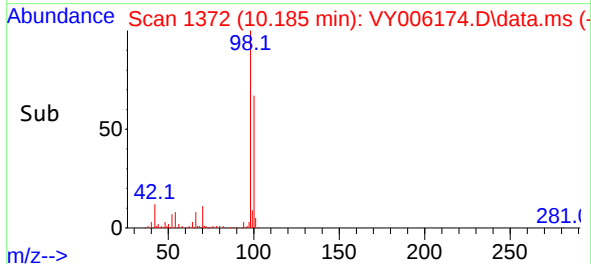
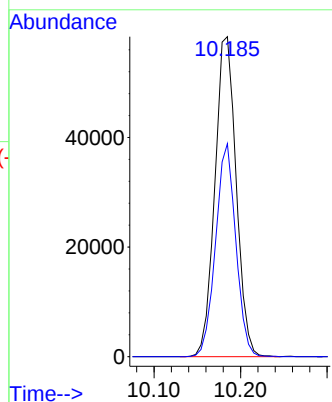
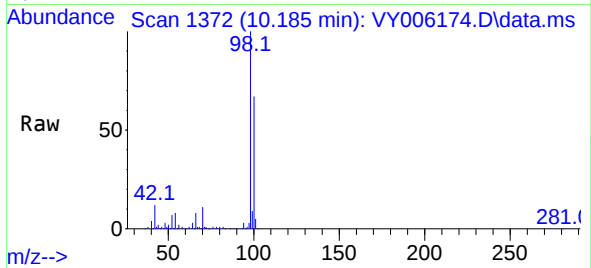




#50
Toluene-d8
Concen: 47.514 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

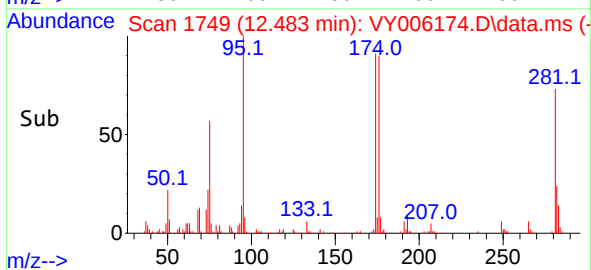
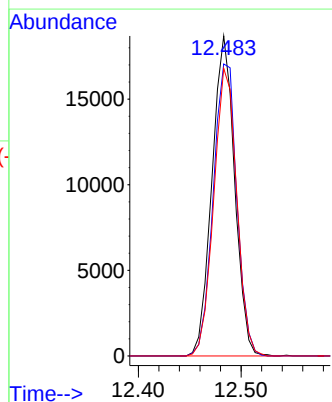
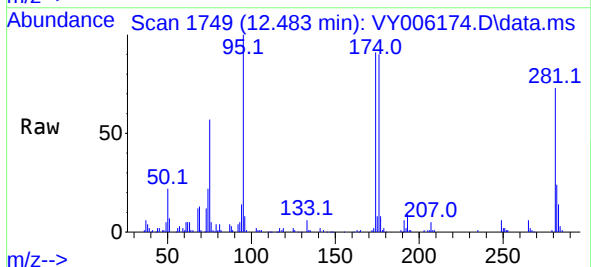
Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-02-(5-7)

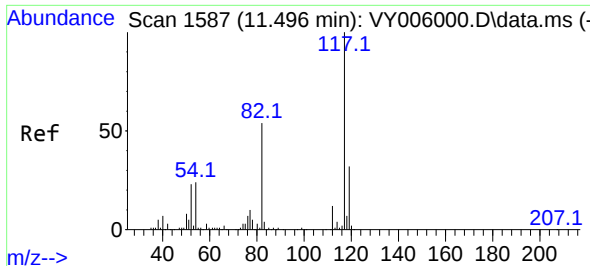
Tgt Ion: 98 Resp: 99601
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

Tgt Ion: 95 Resp: 28593
Ion Ratio Lower Upper
95 100
174 94.9 0.0 177.0
176 90.9 0.0 175.8

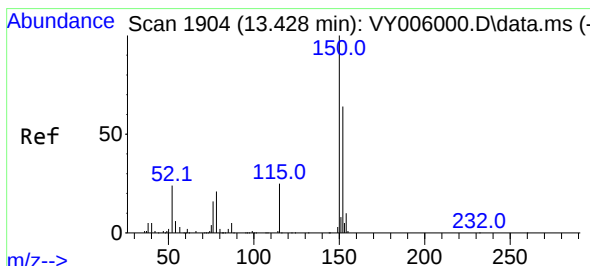
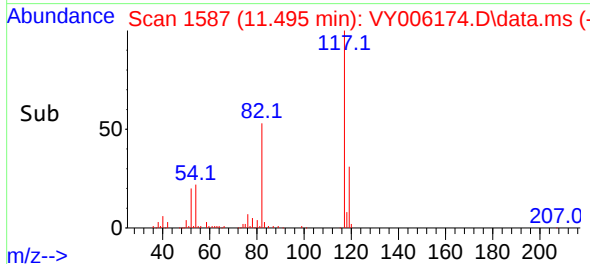
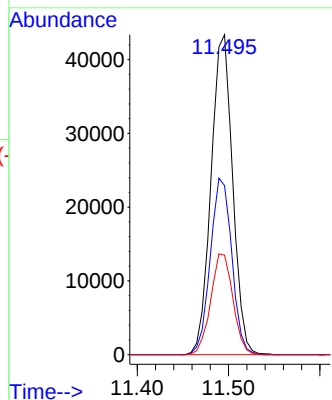
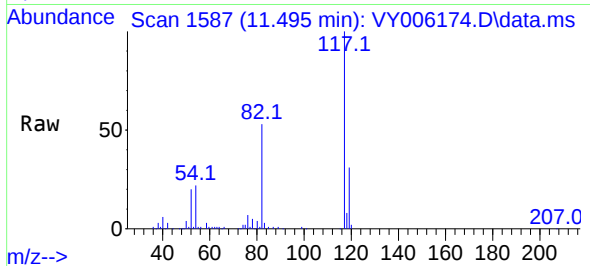




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

Instrument :
MSVOA_Y
ClientSampleId :
SUB-SLAB-02-(5-7)

Tgt Ion:	117	Resp:	71115
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	31.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006174.D
Acq: 27 Sep 2021 19:26

Tgt Ion:	152	Resp:	30954
Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	155.7	0.0	347.6

