

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005972.D
 Acq On : 09 Sep 2021 12:22
 Operator : SY/MD
 Sample : M3680-02
 Misc : 7.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-02-006-A

Quant Time: Sep 10 04:44:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	192639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	329333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	340176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157683	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110729	57.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.722	113	100198	54.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.360%
50) Toluene-d8	10.185	98	413565	53.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.560%
62) 4-Bromofluorobenzene	12.483	95	148825	57.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.200%

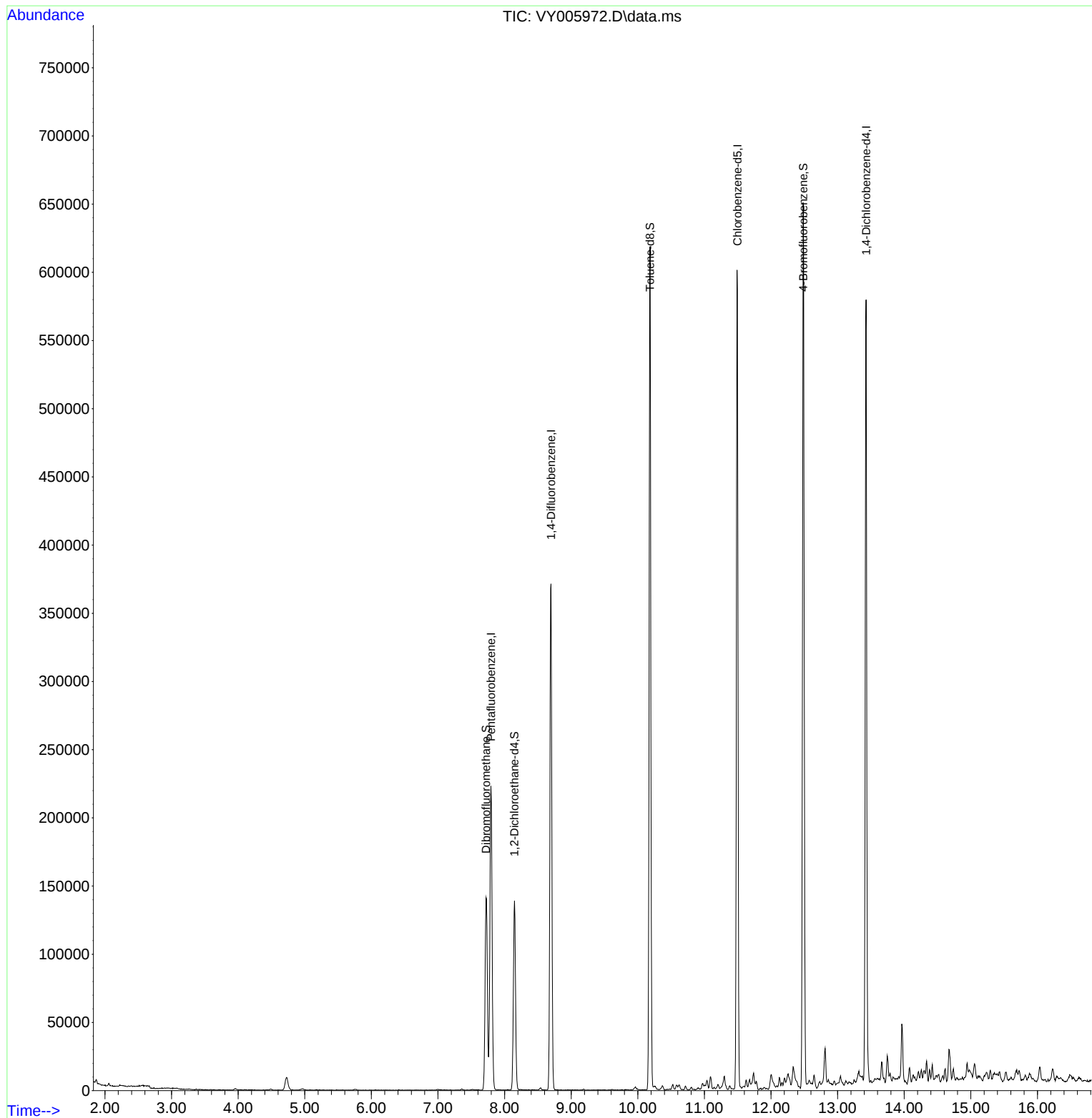
Target Compounds	Qvalue

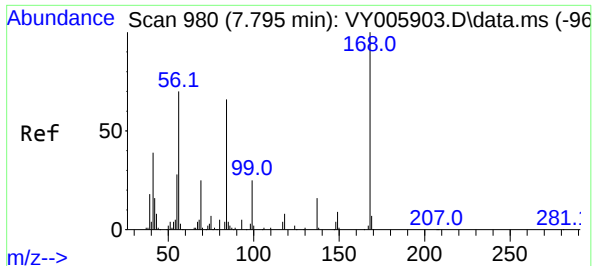
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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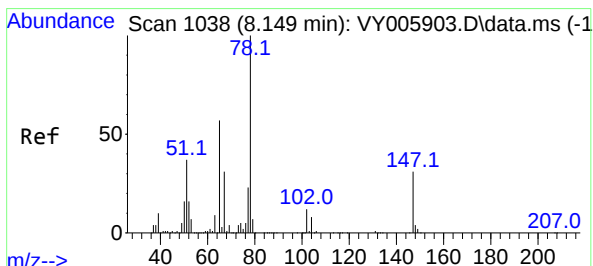
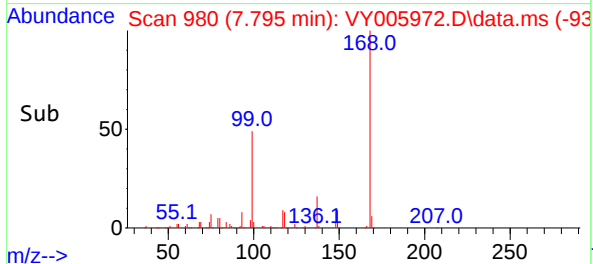
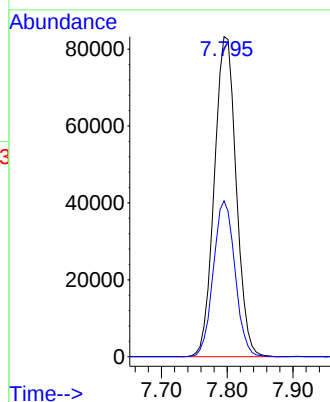
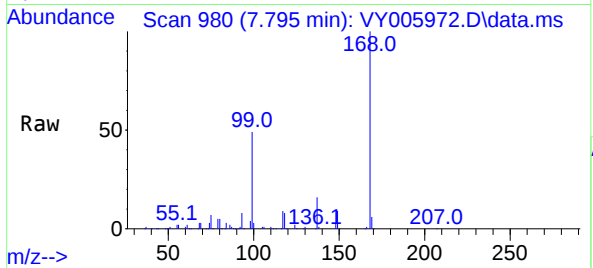




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

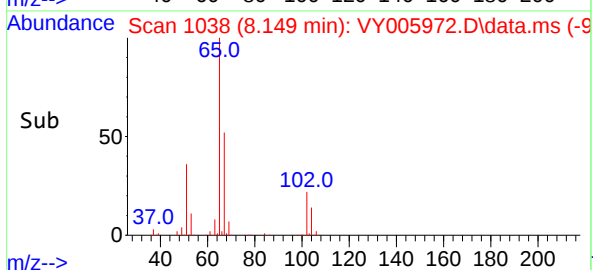
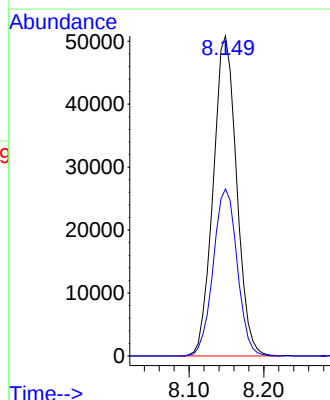
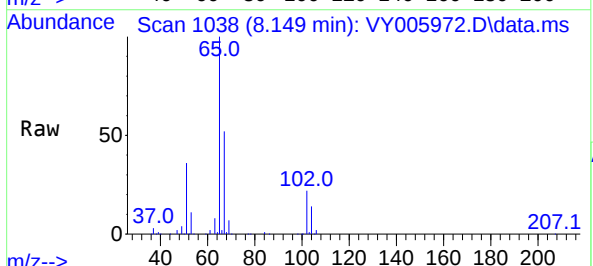
Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-02-006-A

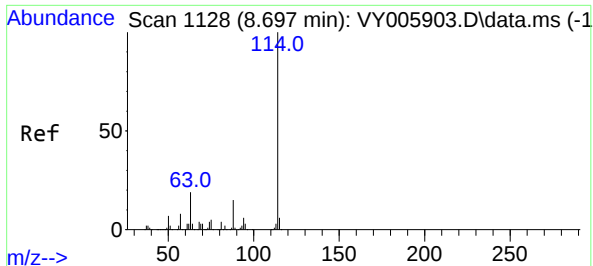
Tgt Ion:168 Resp: 192639
Ion Ratio Lower Upper
168 100
99 48.7 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 57.039 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion: 65 Resp: 110729
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

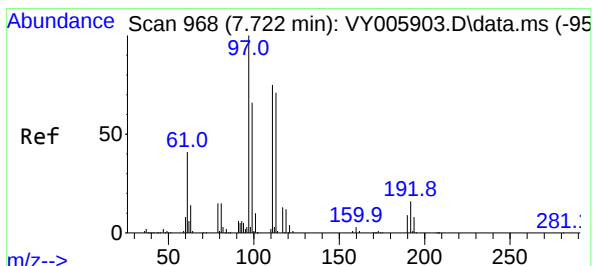
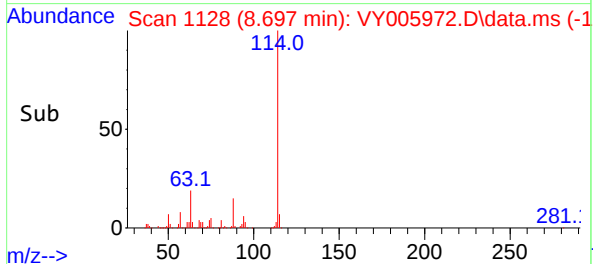
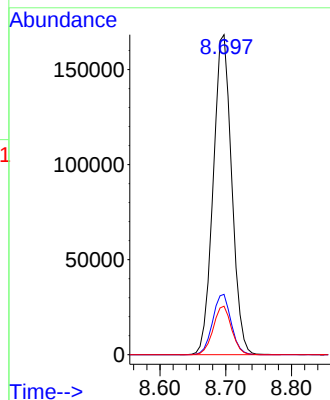
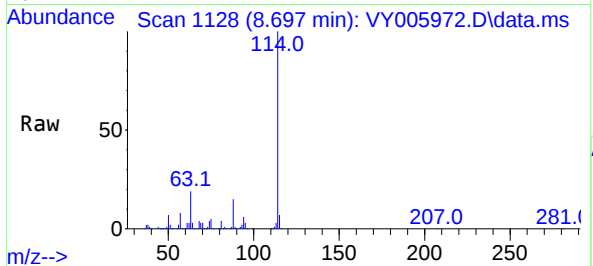




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

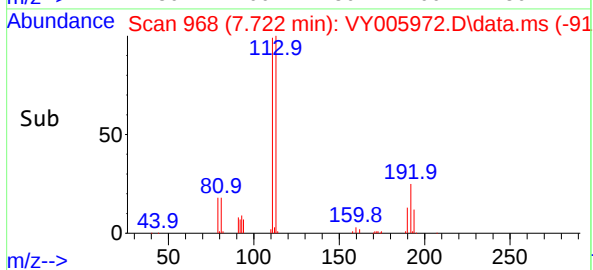
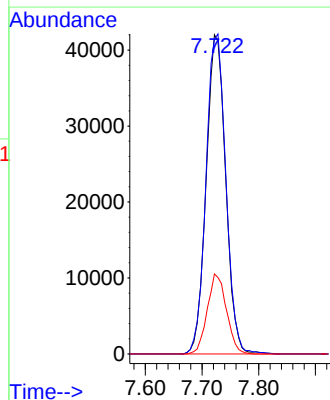
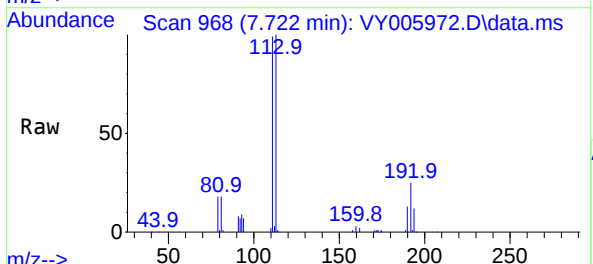
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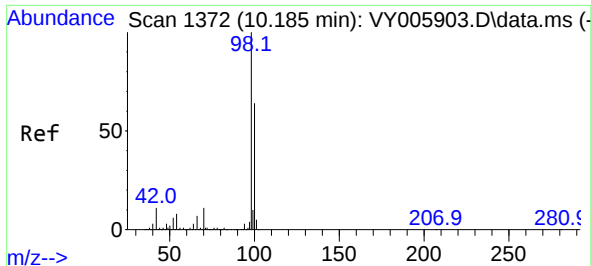
Tgt Ion:	114	Resp:	329333
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	15.1	0.0	30.0



#35
Dibromofluoromethane
Concen: 54.175 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion:	113	Resp:	100198
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	24.7	19.4	29.0

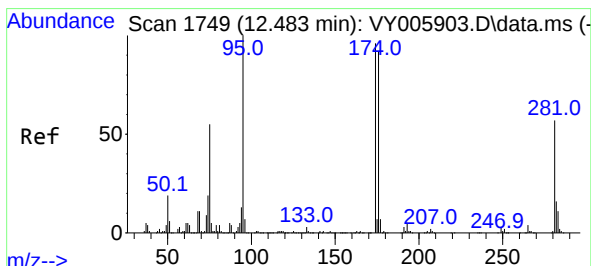
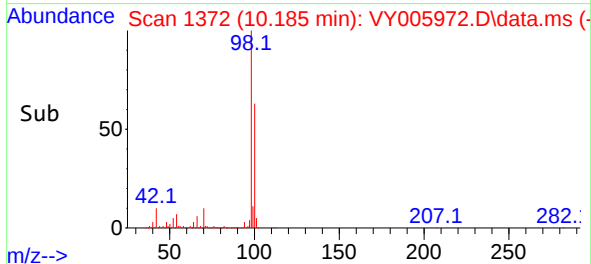
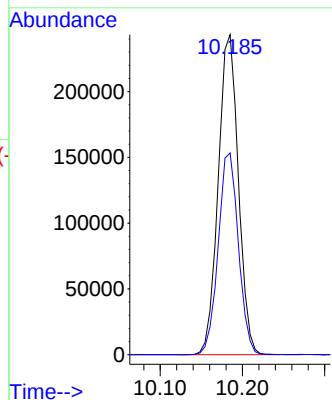
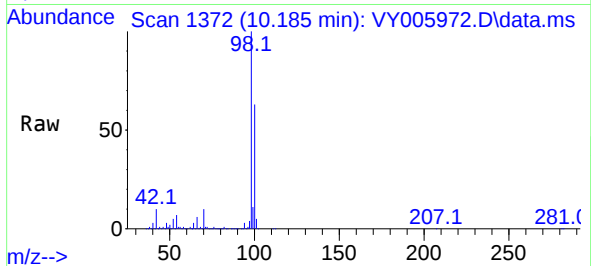




#50
Toluene-d8
Concen: 53.280 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

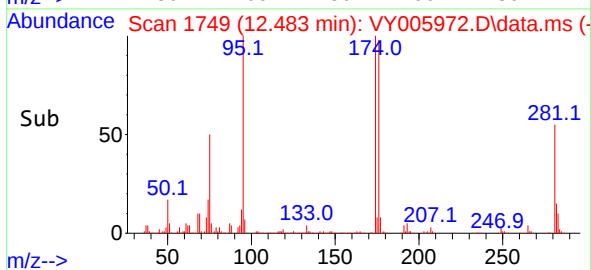
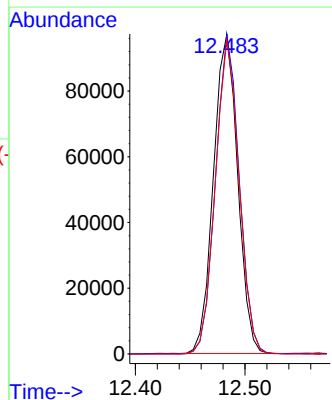
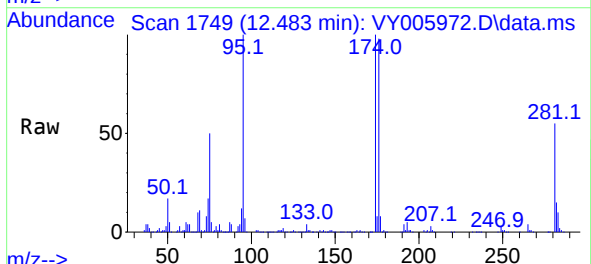
Instrument :
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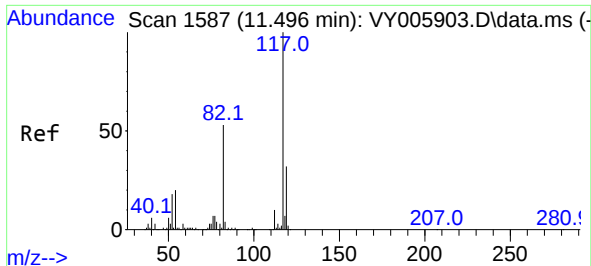
Tgt Ion: 98 Resp: 413565
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 57.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion: 95 Resp: 148825
Ion Ratio Lower Upper
95 100
174 98.0 0.0 192.4
176 96.6 0.0 186.8

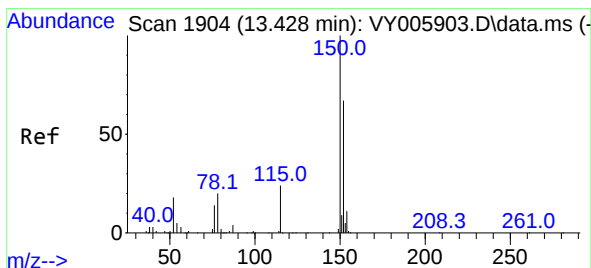
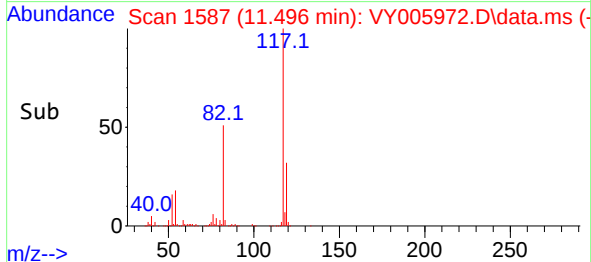
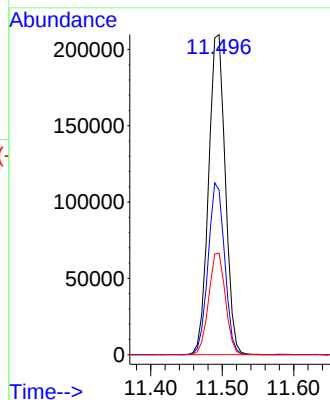
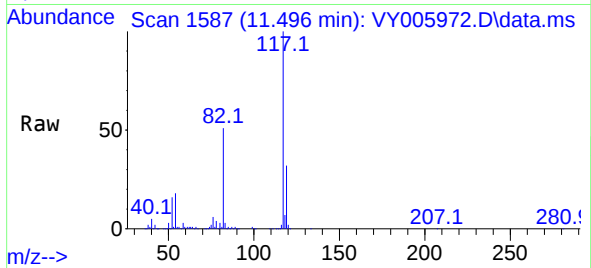




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005972.D
Acq: 09 Sep 2021 12:22

Instrument :
MSVOA_Y
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FK-SF-02-006-A

Tgt Ion:	117	Resp:	340176
Ion Ratio	Lower	Upper	
117	100		
82	51.4	42.4	63.6
119	31.8	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: VY005972.D
Acq: 09 Sep 2021 12:22

Tgt Ion:	152	Resp:	157683
Ion Ratio	Lower	Upper	
152	100		
115	53.2	26.8	80.4
150	155.5	0.0	345.6

