

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005667.D
 Acq On : 16 Aug 2021 13:59
 Operator : SY/MD
 Sample : M3407-10RE
 Misc : 7.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26SRE

Quant Time: Aug 17 05:18:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	18003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2949	16.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	32.360%#
35) Dibromofluoromethane	7.728	113	3242	28.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	57.620%
50) Toluene-d8	10.179	98	21490	45.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.483	95	2563	16.402	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	32.800%

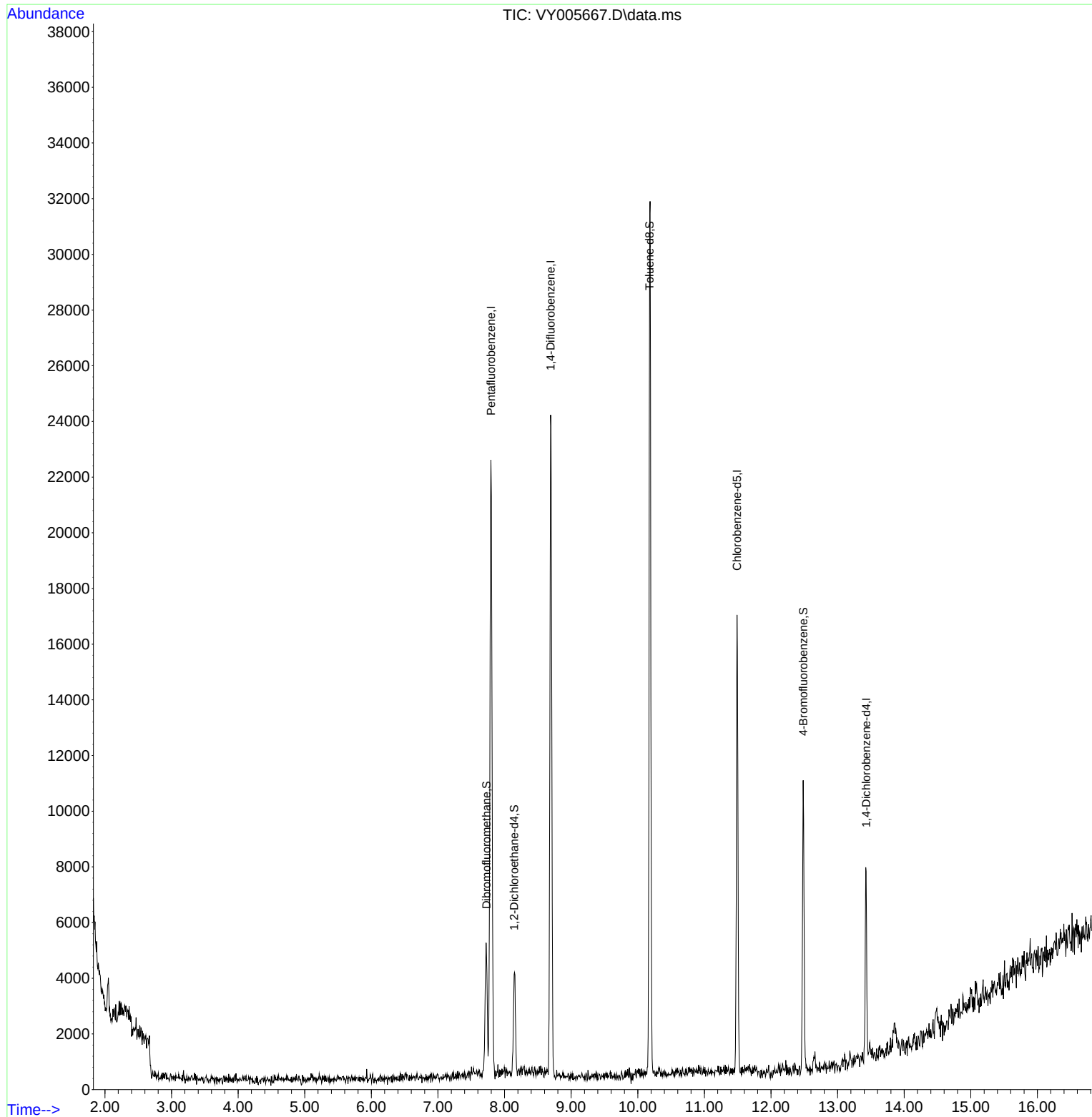
Target Compounds	Qvalue

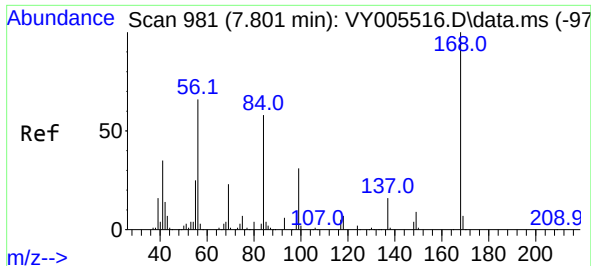
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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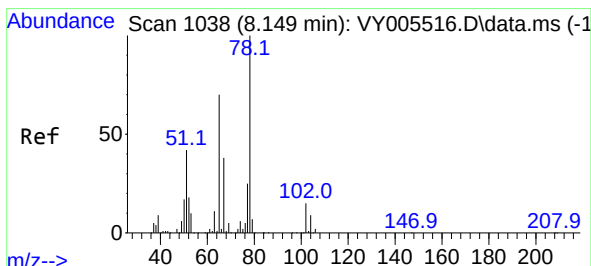
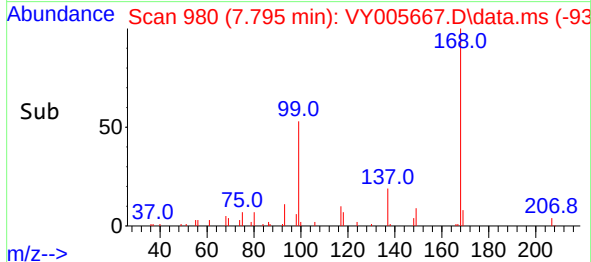
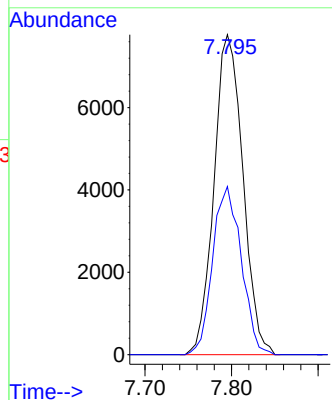
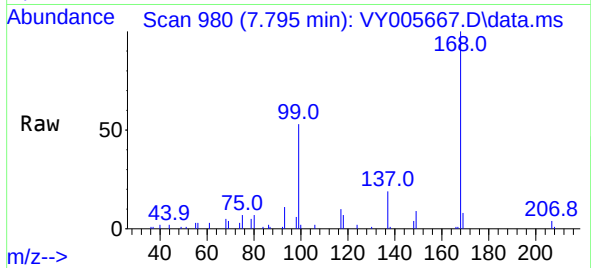




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005667.D
Acq: 16 Aug 2021 13:59

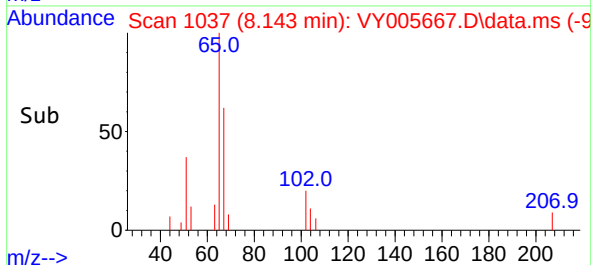
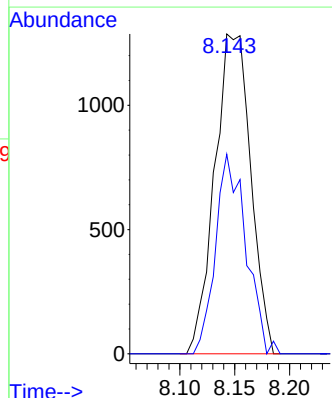
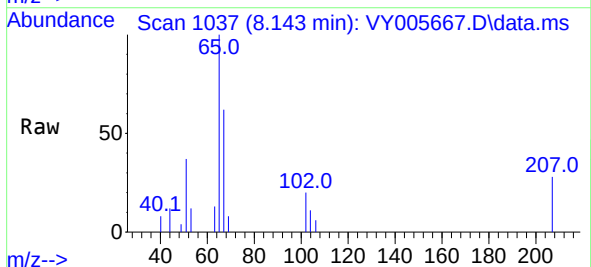
Instrument :
MSVOA_Y
ClientSampleId :
26SRE

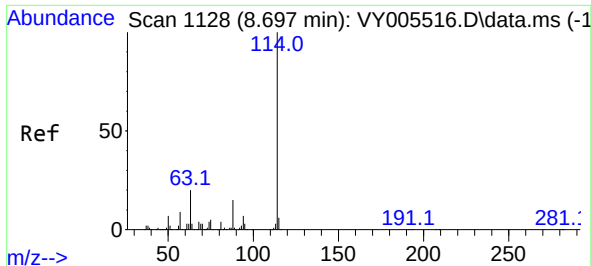
Tgt Ion:168 Resp: 18003
Ion Ratio Lower Upper
168 100
99 52.5 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 16.182 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005667.D
Acq: 16 Aug 2021 13:59

Tgt Ion: 65 Resp: 2949
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4

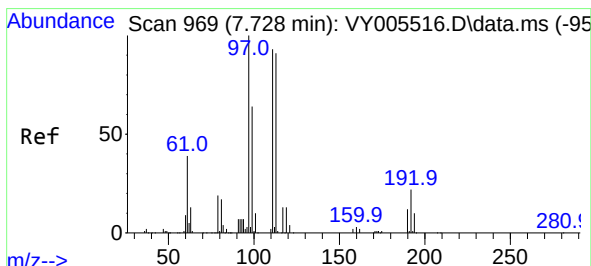
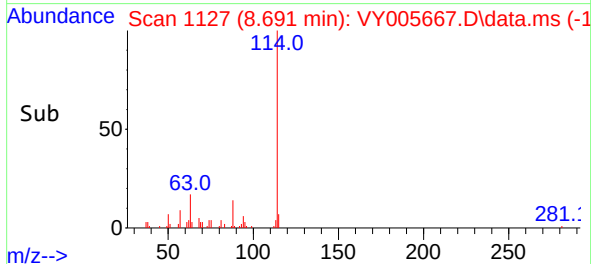
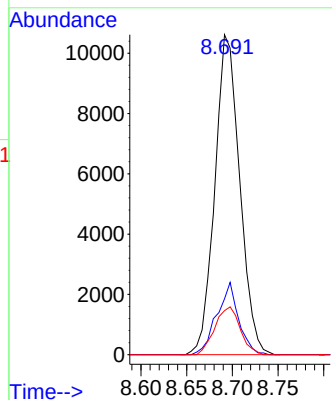
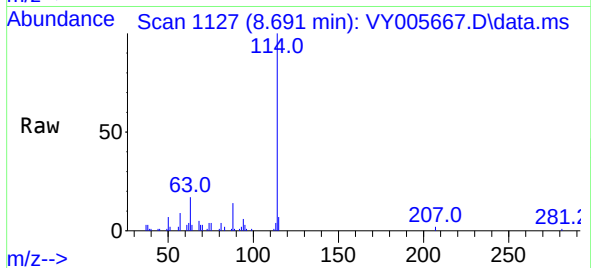




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005667.D
Acq: 16 Aug 2021 13:59

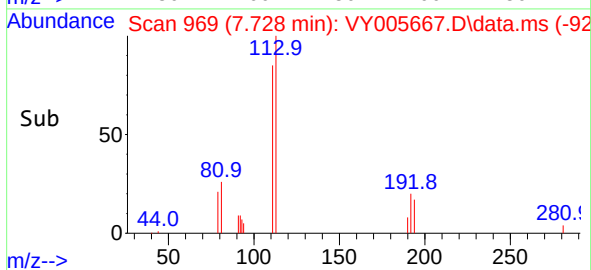
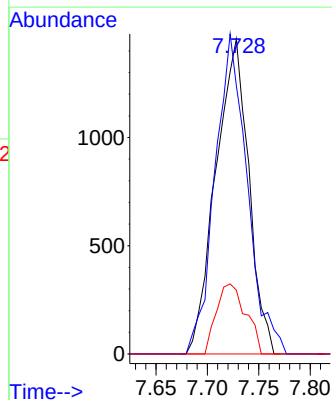
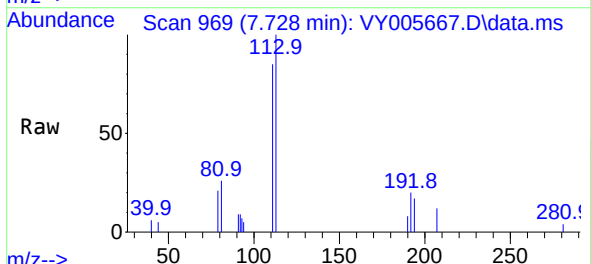
Instrument :
MSVOA_Y
ClientSampleId :
26SRE

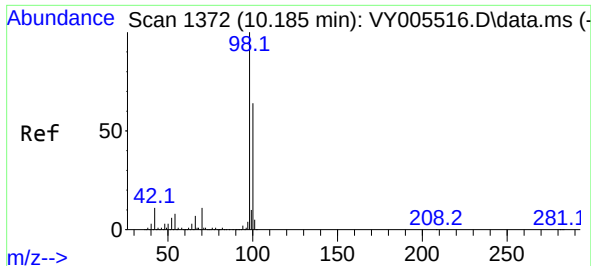
Tgt Ion:	114	Resp:	20096
Ion Ratio	Lower	Upper	
114	100		
63	17.5	0.0	39.2
88	13.8	0.0	30.8



#35
Dibromofluoromethane
Concen: 28.815 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005667.D
Acq: 16 Aug 2021 13:59

Tgt Ion:	113	Resp:	3242
Ion Ratio	Lower	Upper	
113	100		
111	99.4	81.9	122.9
192	19.8	19.2	28.8

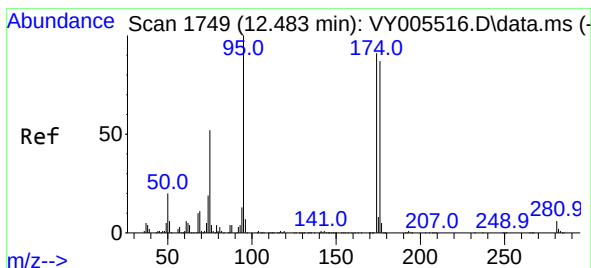
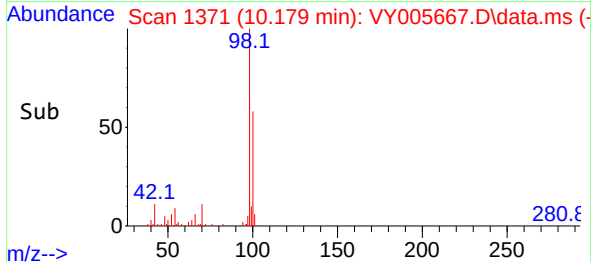
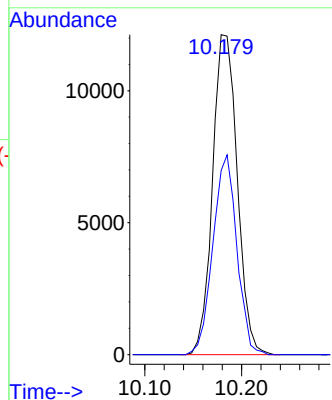
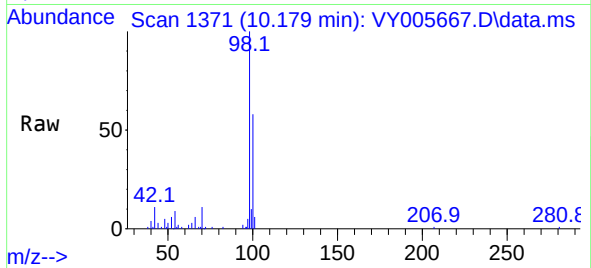




#50
Toluene-d8
Concen: 45.542 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005667.D
Acq: 16 Aug 2021 13:59

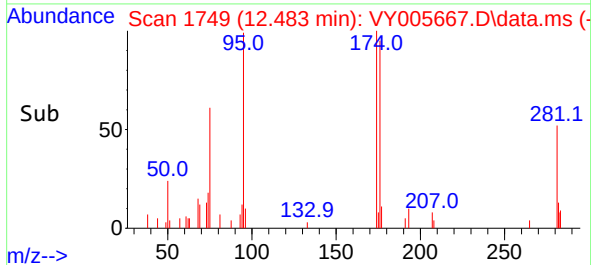
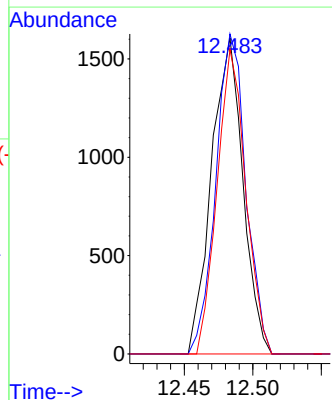
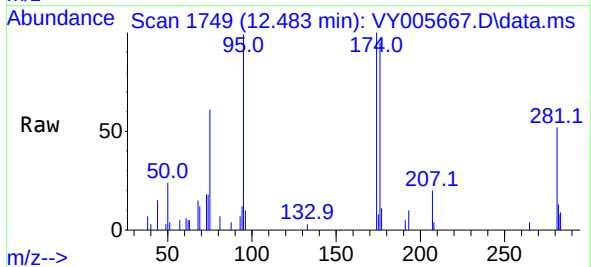
Instrument :
MSVOA_Y
ClientSampleId :
26SRE

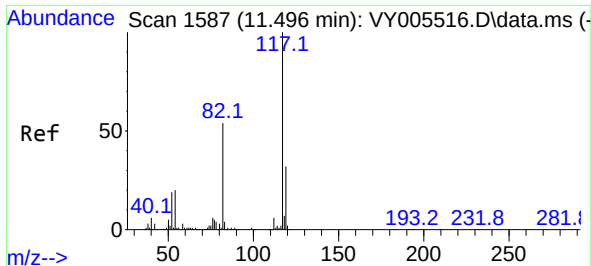
Tgt Ion: 98 Resp: 21490
Ion Ratio Lower Upper
98 100
100 60.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 16.402 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005667.D
Acq: 16 Aug 2021 13:59

Tgt Ion: 95 Resp: 2563
Ion Ratio Lower Upper
95 100
174 97.1 0.0 191.4
176 87.7 0.0 183.6

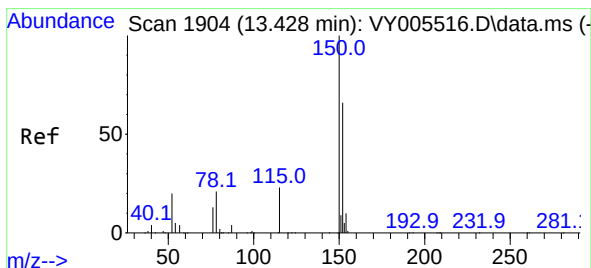
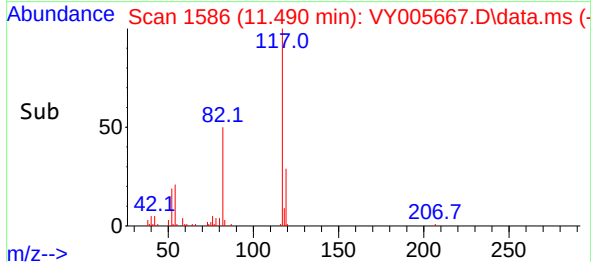
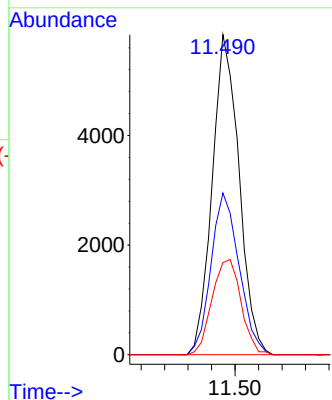
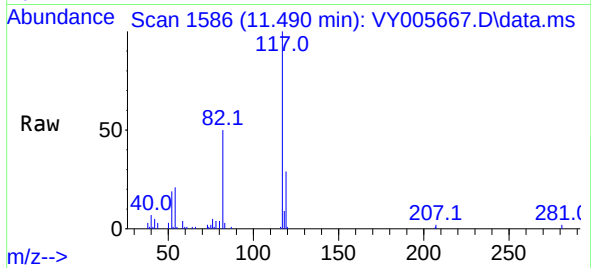




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005667.D
Acq: 16 Aug 2021 13:59

Instrument :
MSVOA_Y
ClientSampleId :
26SRE

Tgt Ion:	117	Resp:	9262
Ion	Ratio	Lower	Upper
117	100		
82	50.5	43.5	65.3
119	28.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005667.D
Acq: 16 Aug 2021 13:59

Tgt Ion:	152	Resp:	1815
Ion	Ratio	Lower	Upper
152	100		
115	62.8	27.3	81.9
150	162.3	0.0	350.2

