

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005994.D
 Acq On : 10 Sep 2021 19:36
 Operator : SY/MD
 Sample : M3687-19
 Misc : 6.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A016015

Quant Time: Sep 11 01:24:14 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	7.801	168	176686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	301689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	96382	54.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.260%
35) Dibromofluoromethane	7.728	113	93543	56.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.320%
50) Toluene-d8	10.184	98	368758	52.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.500%
62) 4-Bromofluorobenzene	12.483	95	122461	52.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.340%

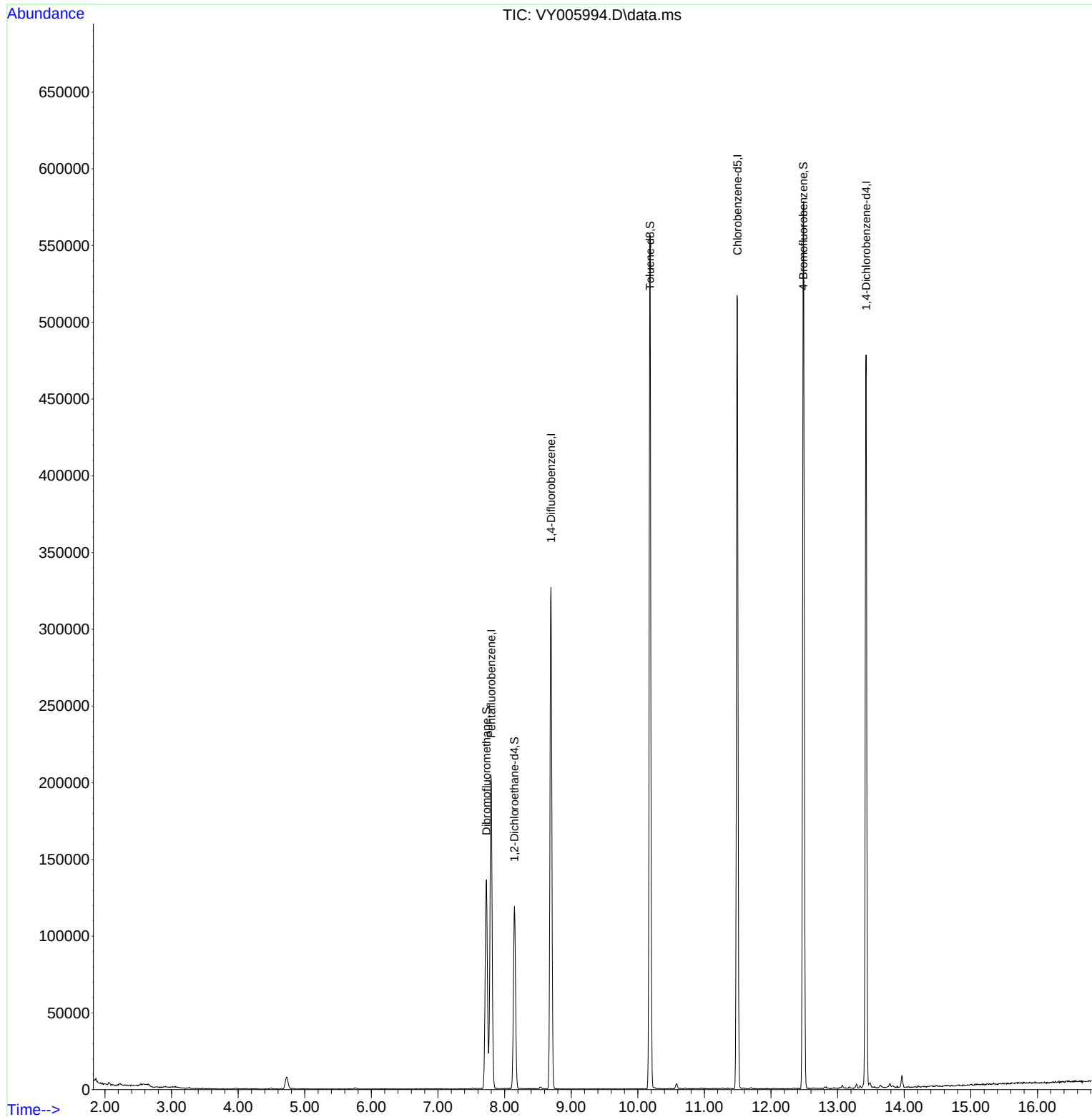
Target Compounds	Qvalue

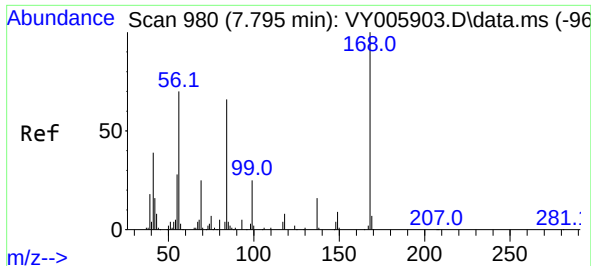
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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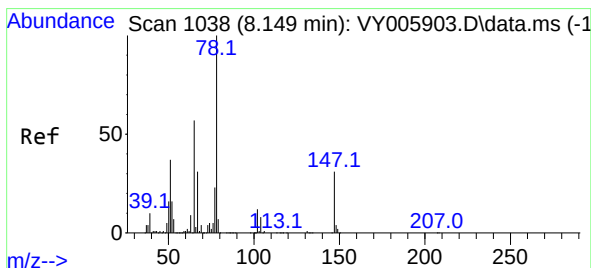
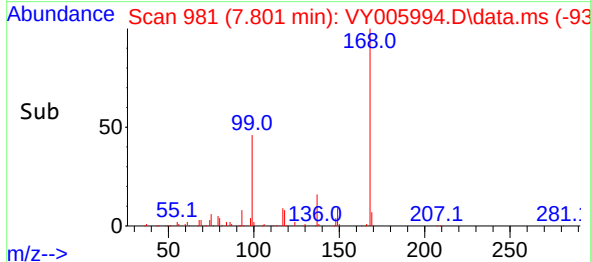
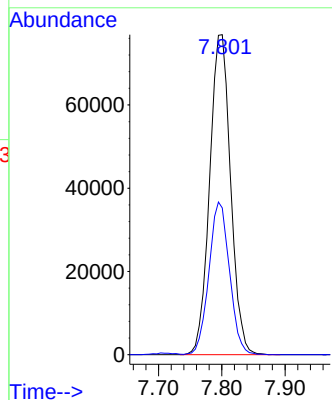
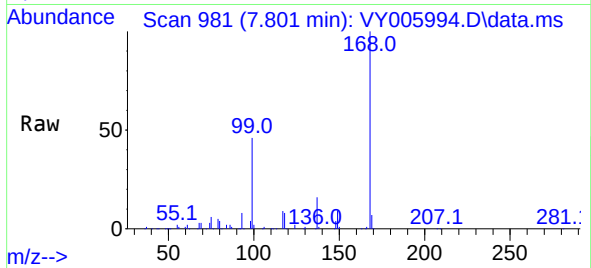




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

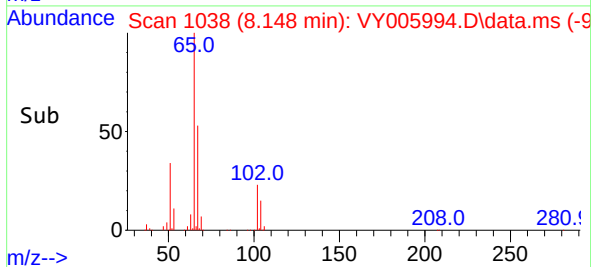
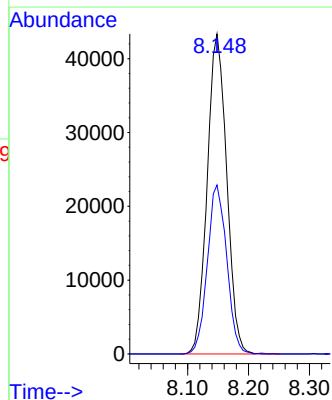
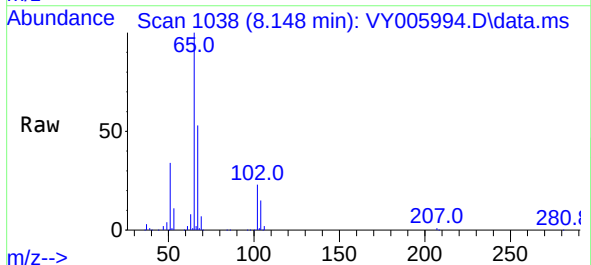
Instrument :
MSVOA_Y
ClientSampleId :
A016015

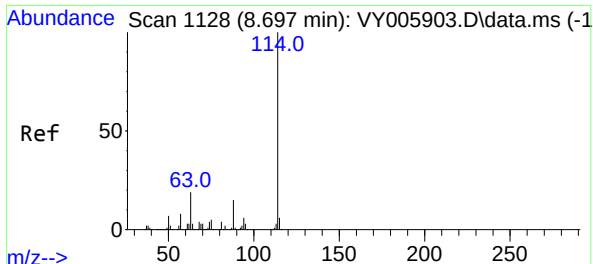
Tgt Ion:168 Resp: 176686
Ion Ratio Lower Upper
168 100
99 45.8 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 54.132 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Tgt Ion: 65 Resp: 96382
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

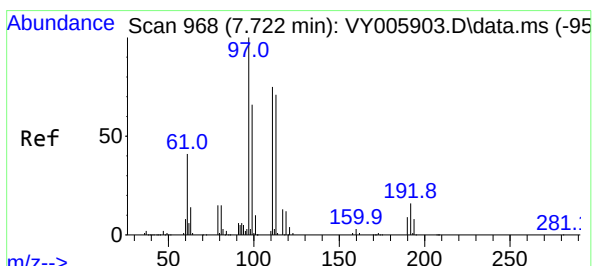
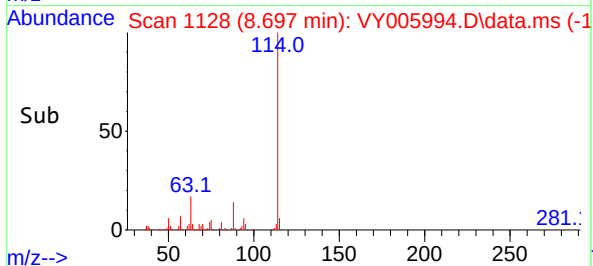
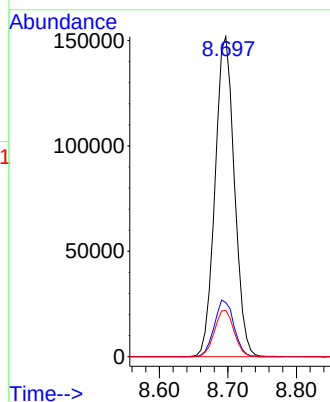
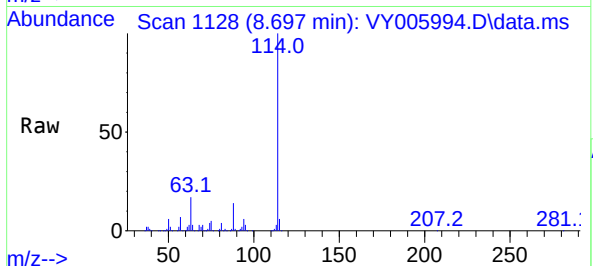




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

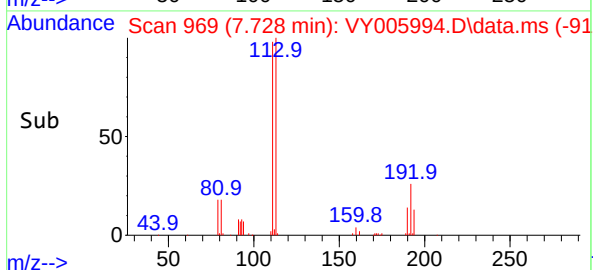
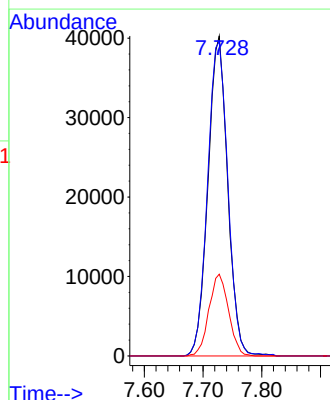
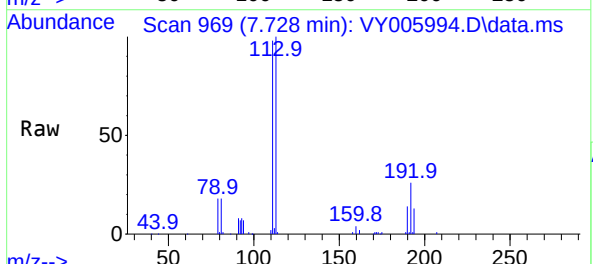
Instrument :
MSVOA_Y
ClientSampleId :
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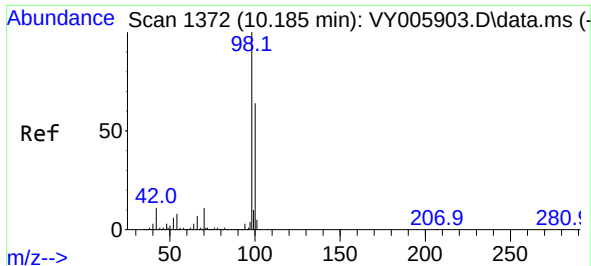
Tgt Ion:	114	Resp:	296601
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	38.4
88	14.4	0.0	30.0



#35
Dibromofluoromethane
Concen: 56.158 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Tgt Ion:	113	Resp:	93543
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	25.6	19.4	29.0

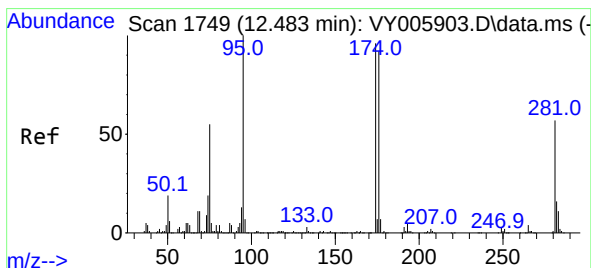
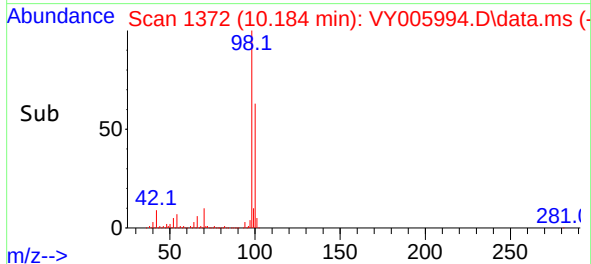
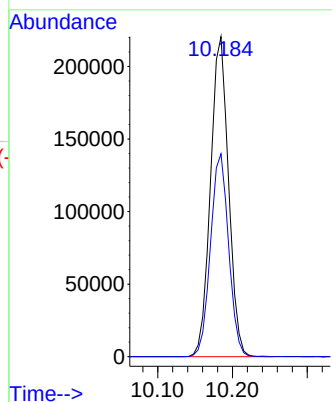
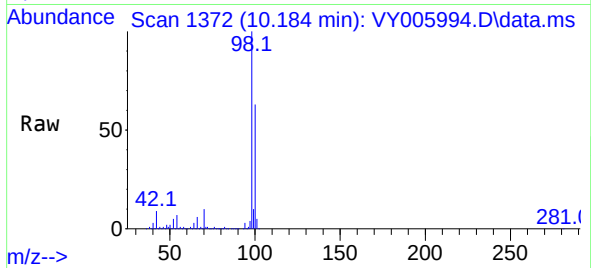




#50
Toluene-d8
Concen: 52.750 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

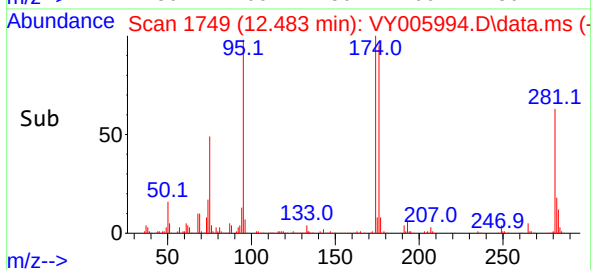
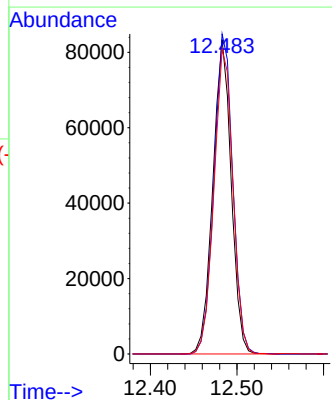
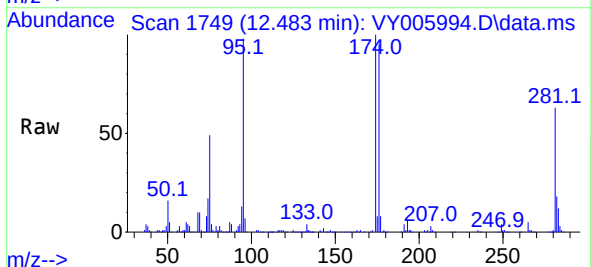
Instrument :
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ClientSampleId :
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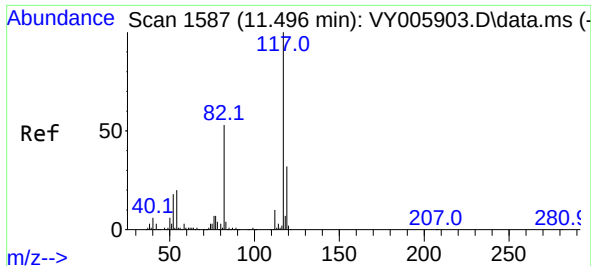
Tgt Ion: 98 Resp: 368758
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 52.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Tgt Ion: 95 Resp: 122461
Ion Ratio Lower Upper
95 100
174 104.4 0.0 192.4
176 100.1 0.0 186.8

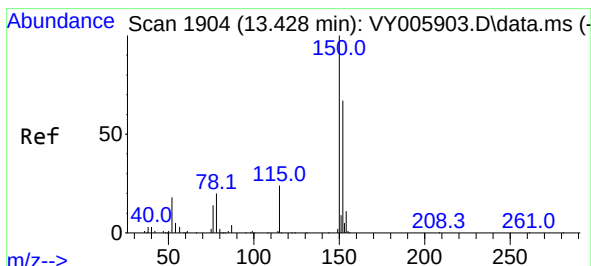
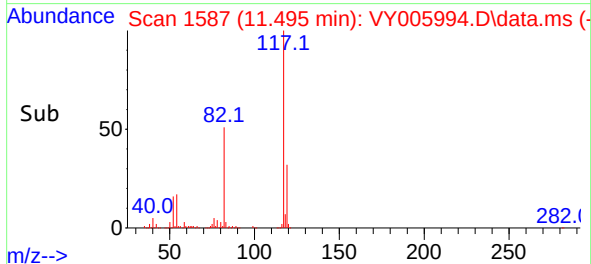
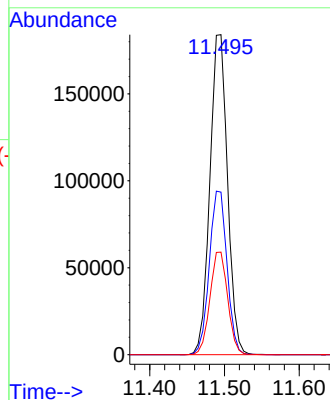
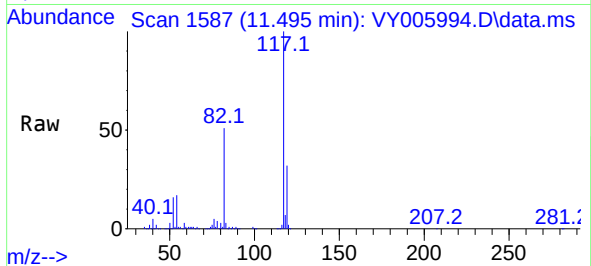




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005994.D
Acq: 10 Sep 2021 19:36

Instrument :
MSVOA_Y
ClientSampleId :
A016015

Tgt Ion:	117	Resp:	301689
Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.4	63.6
119	32.1	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: VY005994.D
Acq: 10 Sep 2021 19:36

Tgt Ion:	152	Resp:	135440
Ion	Ratio	Lower	Upper
152	100		
115	52.3	26.8	80.4
150	157.4	0.0	345.6

