

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005541.D
 Acq On : 04 Aug 2021 16:34
 Operator : SY/MD
 Sample : M3280-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-080421

Quant Time: Aug 05 06:41:08 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	7.801	168	251941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	435345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	430628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	219161	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	144820	56.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.580%
35) Dibromofluoromethane	7.728	113	128551	52.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.480%
50) Toluene-d8	10.184	98	555384	54.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.660%
62) 4-Bromofluorobenzene	12.483	95	195759	57.830	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.660%

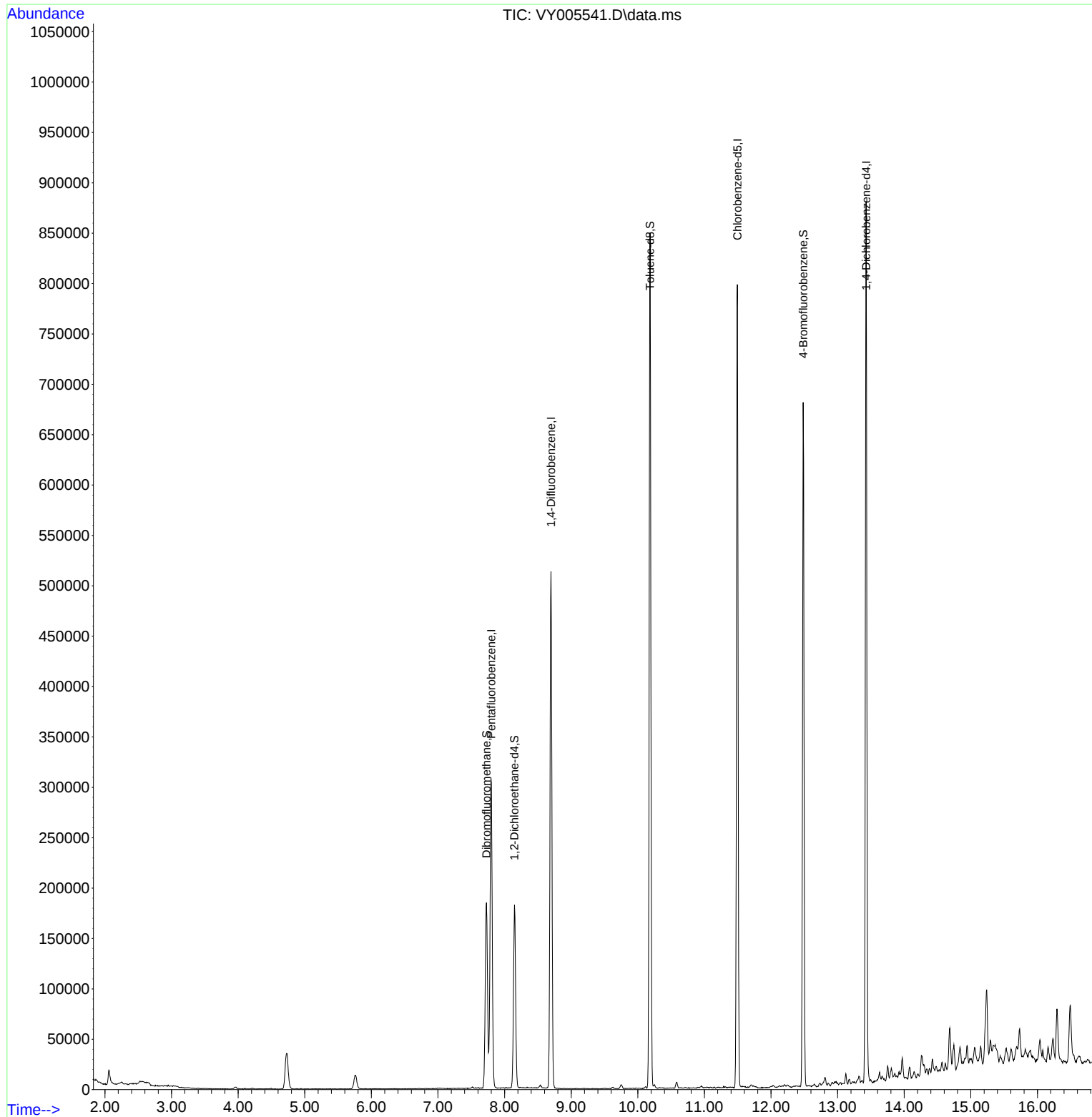
Target Compounds	Qvalue

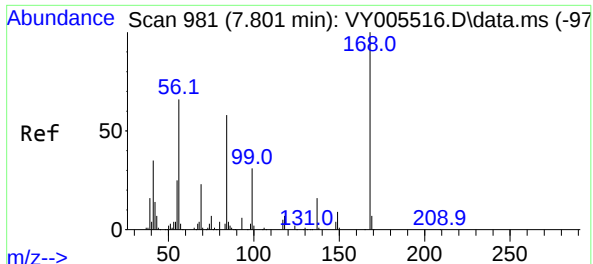
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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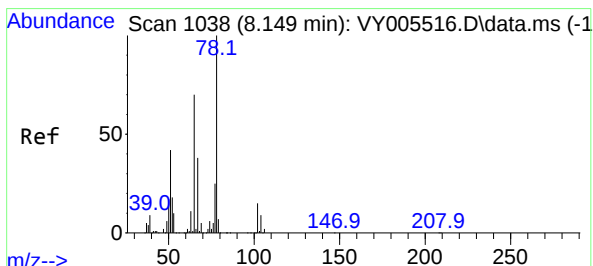
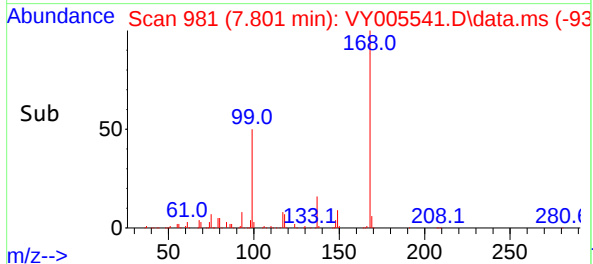
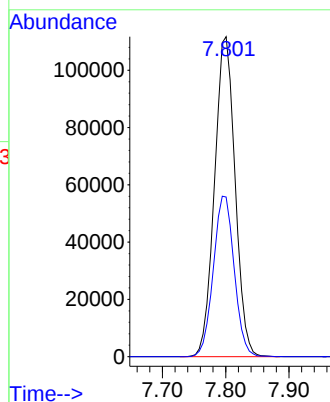
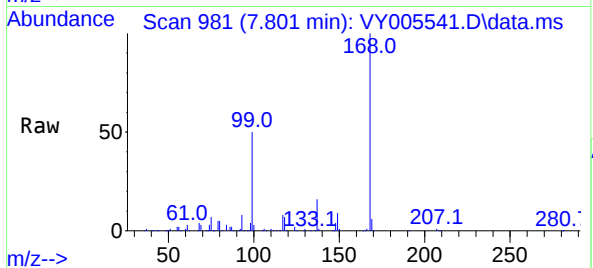




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

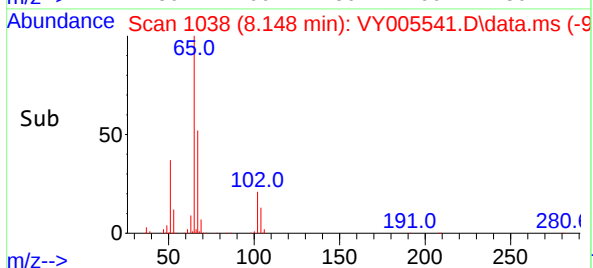
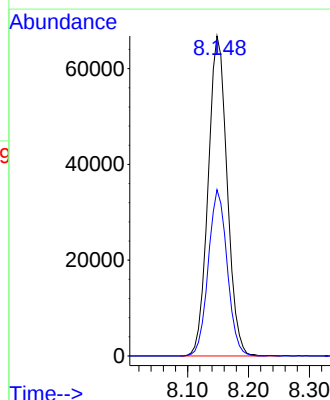
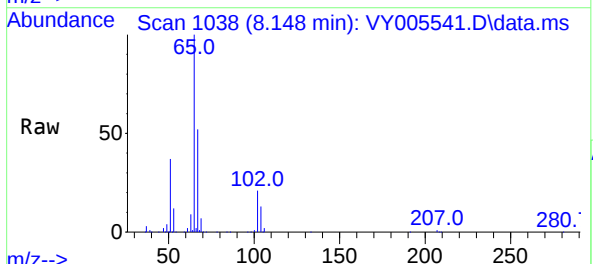
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-080421

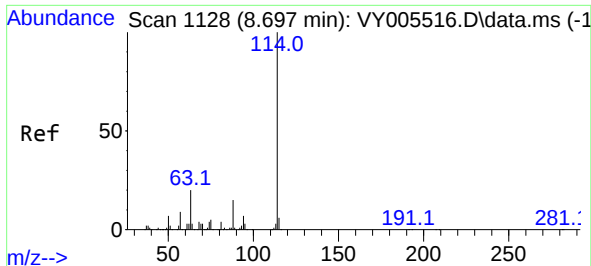
Tgt Ion:168 Resp: 251941
Ion Ratio Lower Upper
168 100
99 49.9 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 56.786 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion: 65 Resp: 144820
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

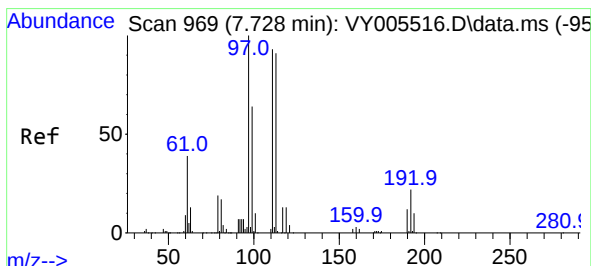
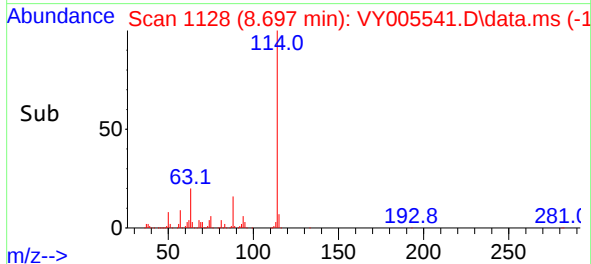
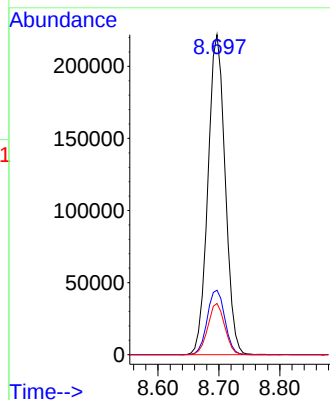
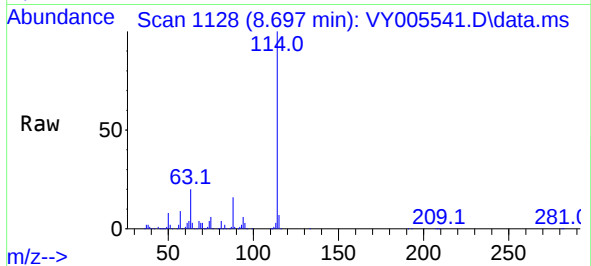




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

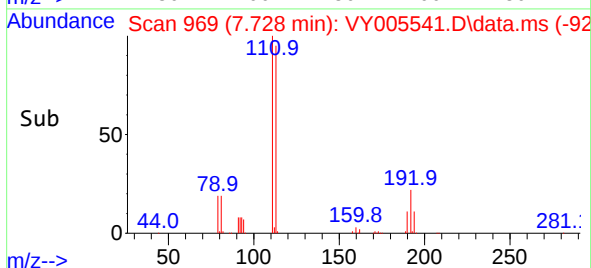
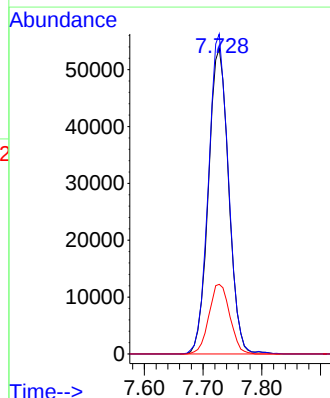
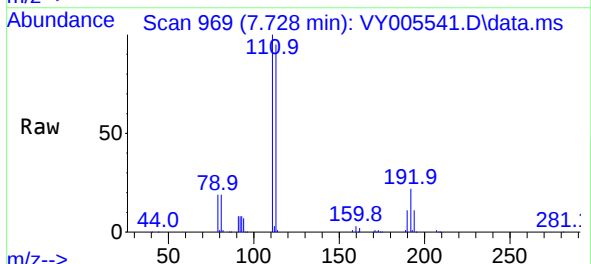
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ClientSampleId :
TR-04-080421

Tgt Ion:	114	Resp:	435345
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	16.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.741 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion:	113	Resp:	128551
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	23.5	19.2	28.8

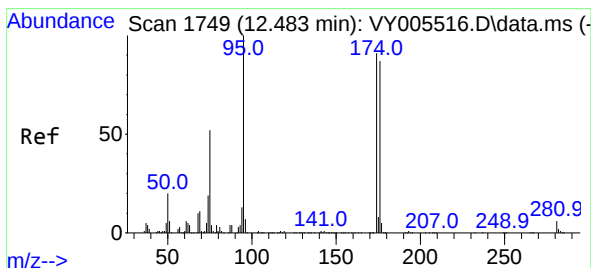
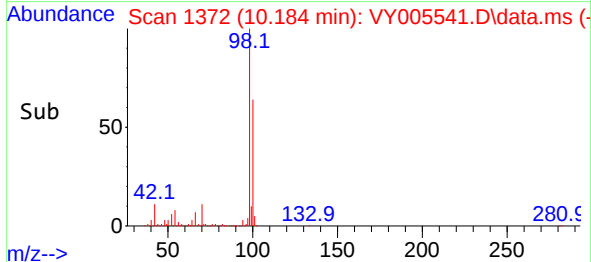
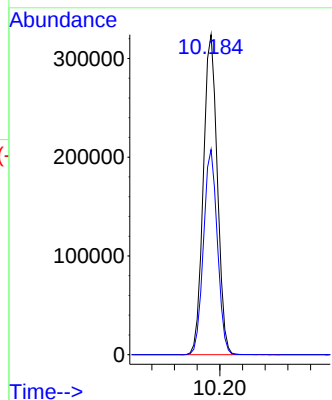
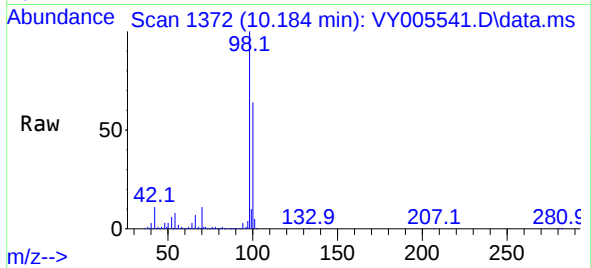




#50
Toluene-d8
Concen: 54.331 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

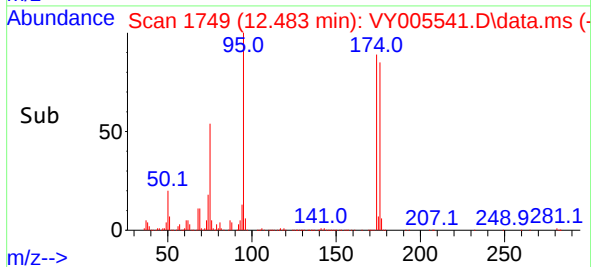
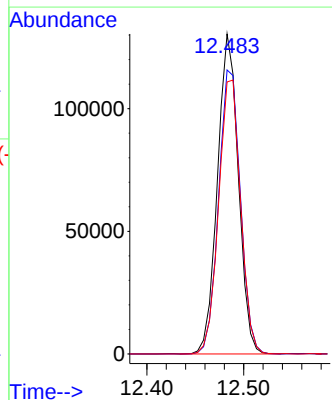
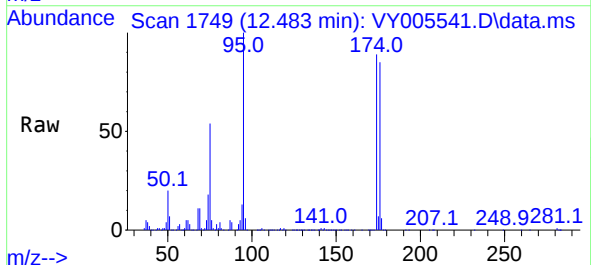
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-080421

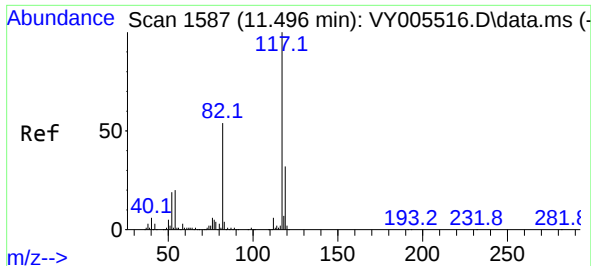
Tgt Ion: 98 Resp: 555384
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion: 95 Resp: 195759
Ion Ratio Lower Upper
95 100
174 92.4 0.0 191.4
176 90.0 0.0 183.6

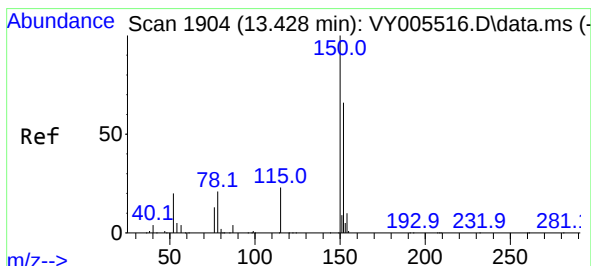
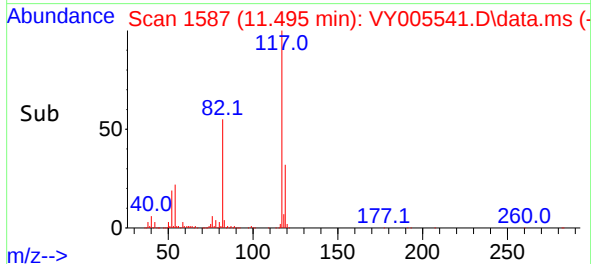
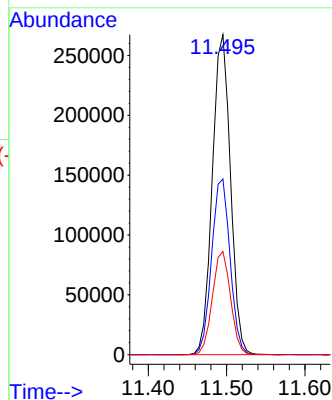
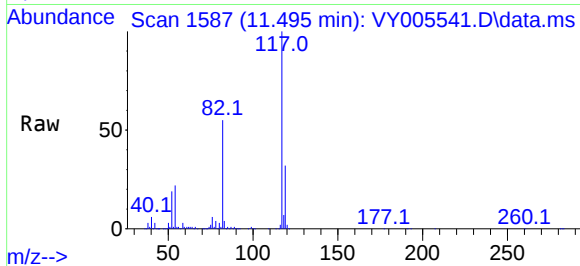




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005541.D
Acq: 04 Aug 2021 16:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-080421

Tgt Ion:	117	Resp:	430628
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.5	65.3
119	32.2	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: VY005541.D
Acq: 04 Aug 2021 16:34

Tgt Ion:	152	Resp:	219161
Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.3	81.9
150	158.2	0.0	350.2

