

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005766.D
 Acq On : 19 Aug 2021 14:02
 Operator : SY/MD
 Sample : M3467-04
 Misc : 6.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-10-(410.75)-VOC-GRAB

Quant Time: Aug 20 06:56:01 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	177726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	297345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110951	61.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.340%
35) Dibromofluoromethane	7.728	113	90176	54.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.340%
50) Toluene-d8	10.185	98	383257	54.893	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.780%
62) 4-Bromofluorobenzene	12.483	95	121115	52.384	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.760%

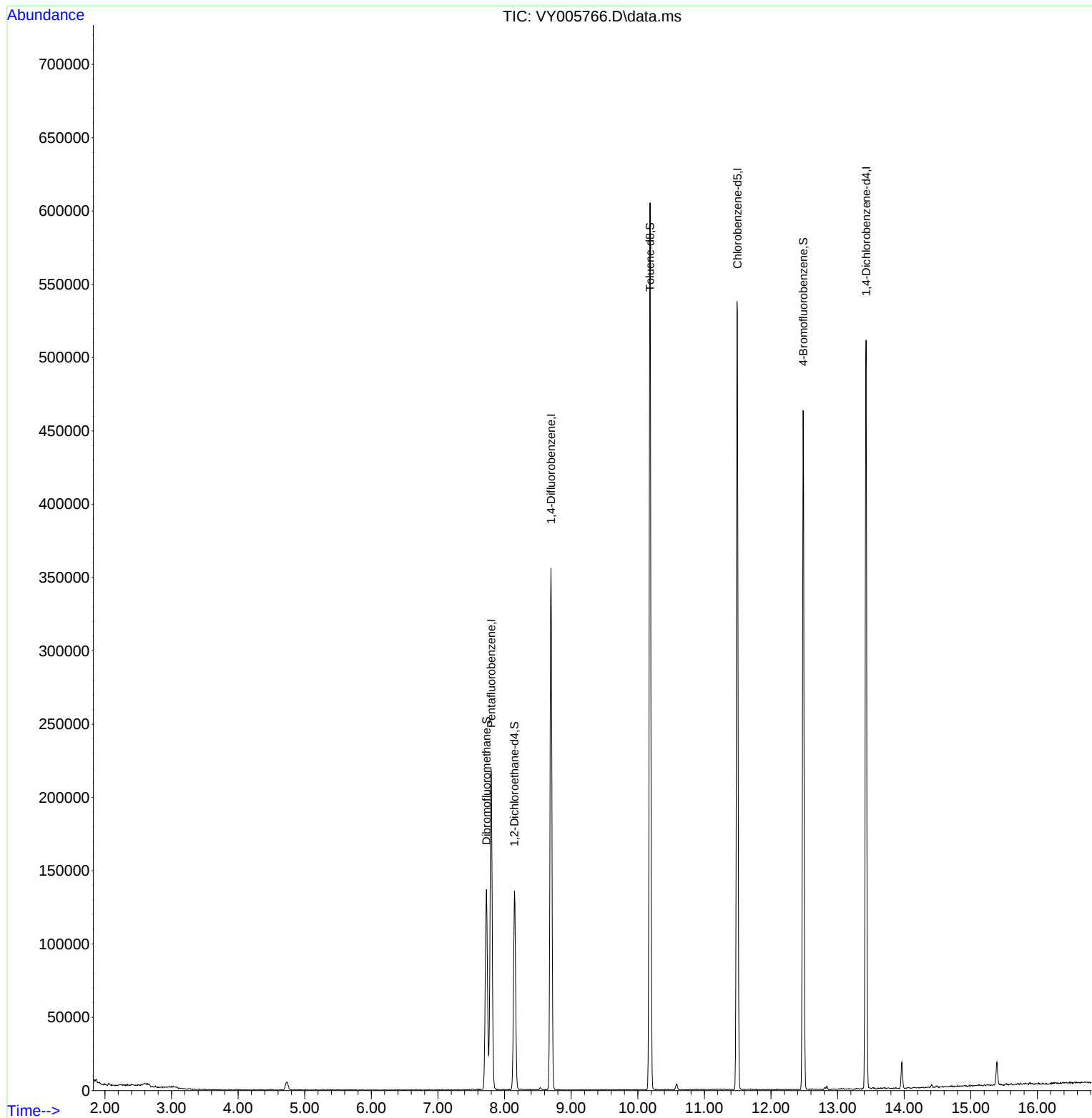
Target Compounds	Qvalue

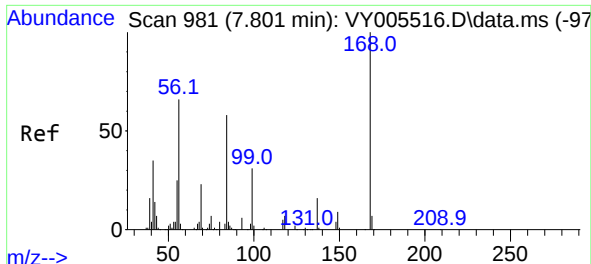
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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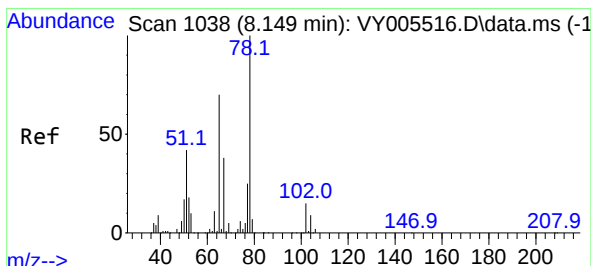
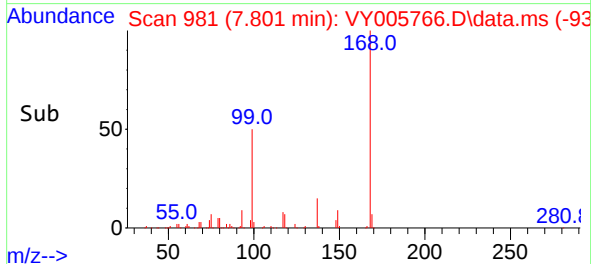
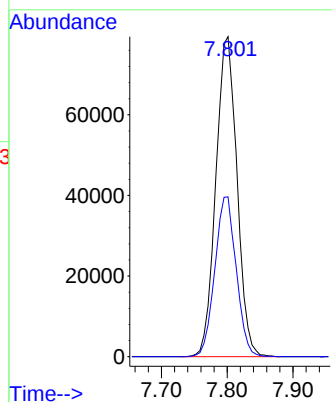
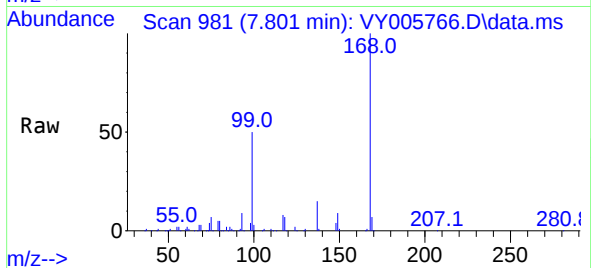




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

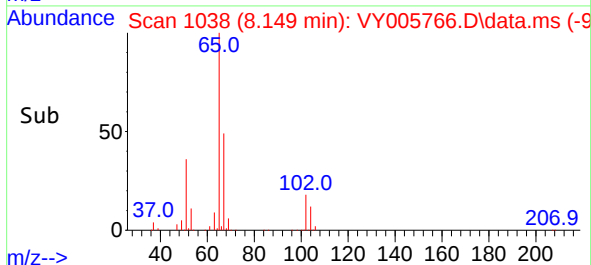
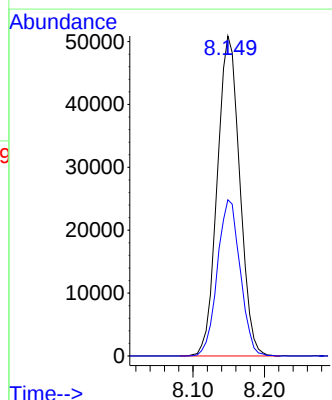
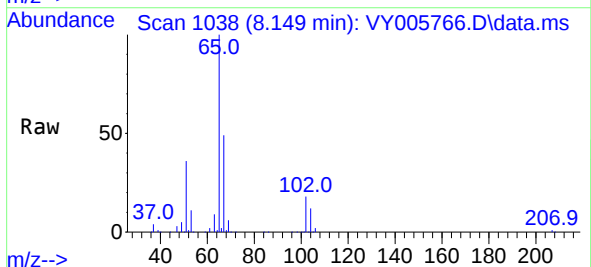
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-10-(410.75)-VOC-GRAB

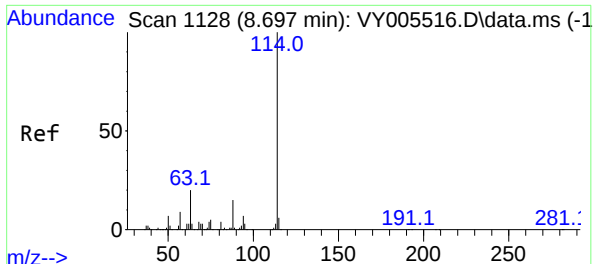
Tgt Ion:168 Resp: 177726
Ion Ratio Lower Upper
168 100
99 50.0 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 61.673 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion: 65 Resp: 110951
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.4

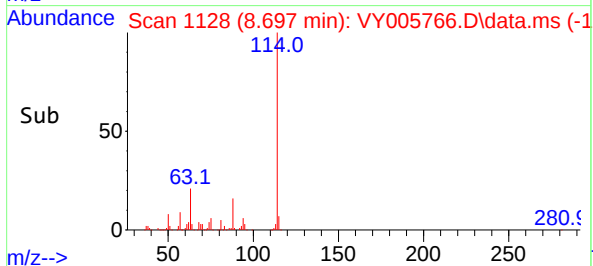
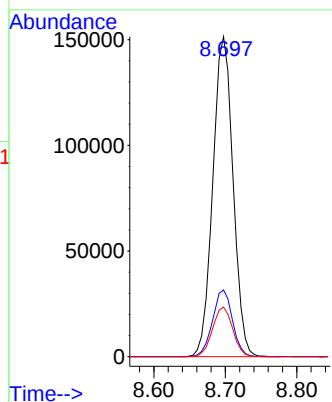
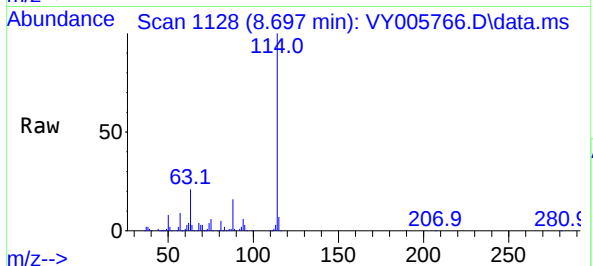




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

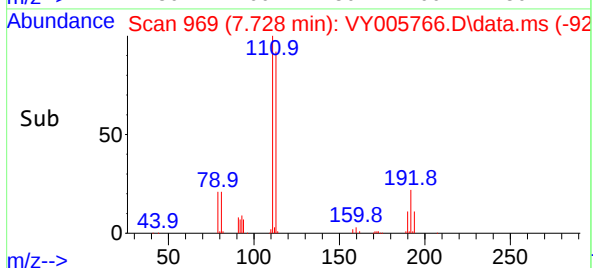
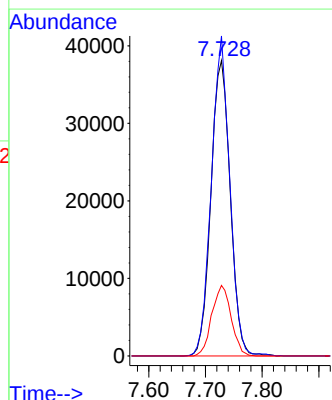
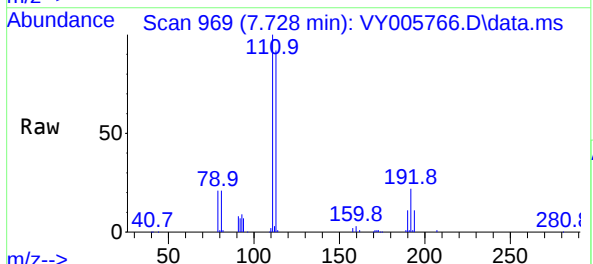
Instrument :
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ClientSampleId :
SAMPLE-10-(410.75)-VOC-GRAB

Tgt Ion:	114	Resp:	297345
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.167 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion:	113	Resp:	90176
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	23.8	19.2	28.8

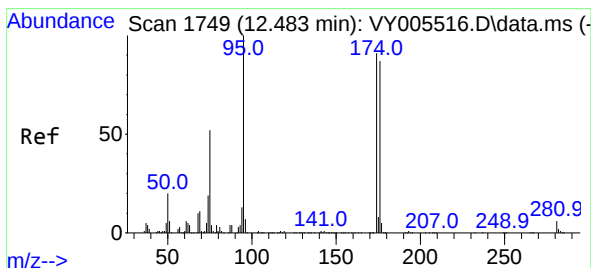
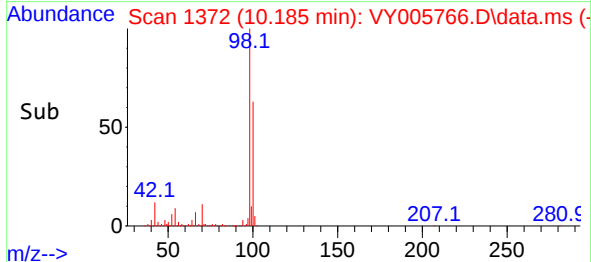
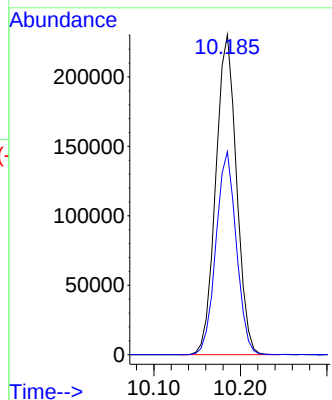
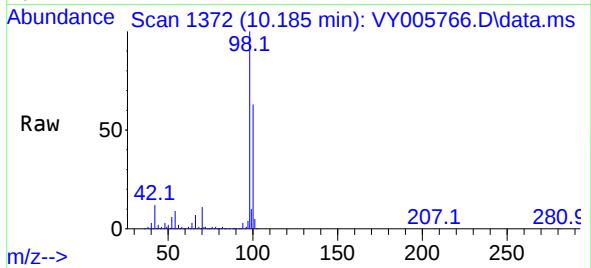




#50
Toluene-d8
Concen: 54.893 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

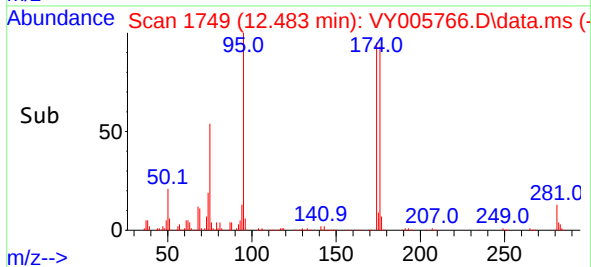
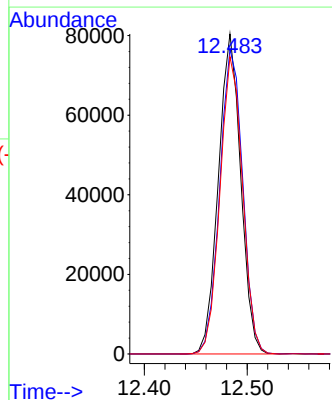
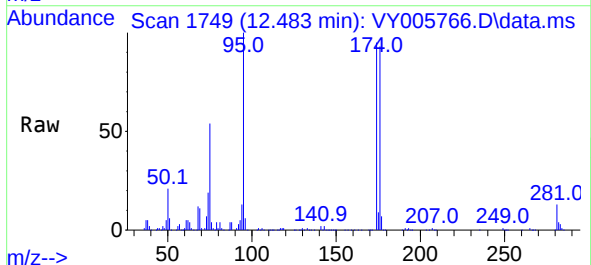
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MSVOA_Y
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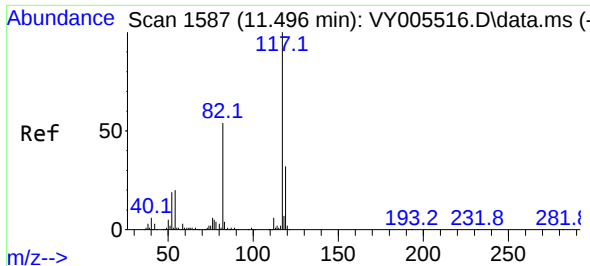
Tgt Ion: 98 Resp: 383257
Ion Ratio Lower Upper
98 100
100 62.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 52.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion: 95 Resp: 121115
Ion Ratio Lower Upper
95 100
174 97.8 0.0 191.4
176 93.8 0.0 183.6

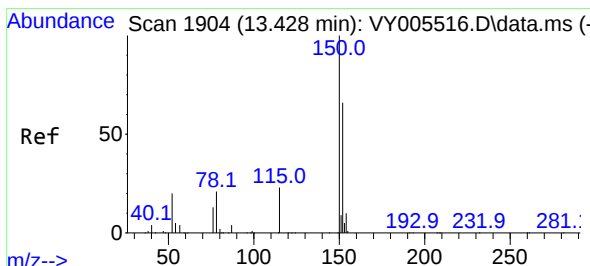
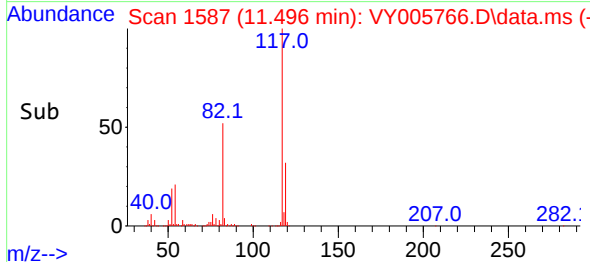
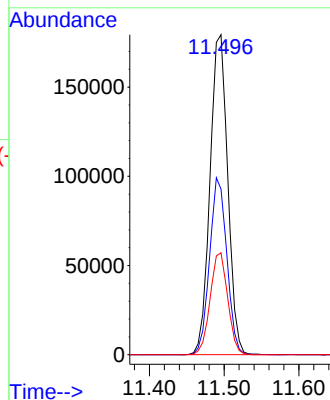
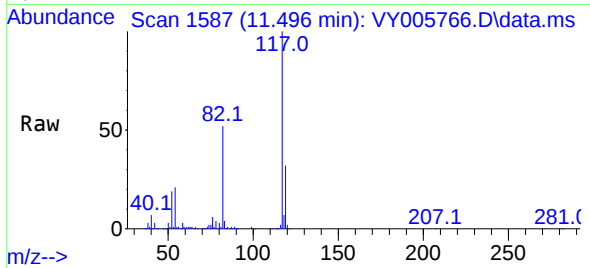




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005766.D
Acq: 19 Aug 2021 14:02

Instrument :
MSVOA_Y
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Tgt Ion:	117	Resp:	295251
Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.5	65.3
119	31.9	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: VY005766.D
Acq: 19 Aug 2021 14:02

Tgt Ion:	152	Resp:	134762
Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.3	81.9
150	155.1	0.0	350.2

