

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005823.D
 Acq On : 24 Aug 2021 16:21
 Operator : SY/MD
 Sample : M3514-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-082021

Quant Time: Aug 25 04:30:21 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	159870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	267752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98408	60.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.620%
35) Dibromofluoromethane	7.728	113	80152	53.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.940%
50) Toluene-d8	10.185	98	343572	54.648	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.300%
62) 4-Bromofluorobenzene	12.483	95	119477	57.387	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.780%

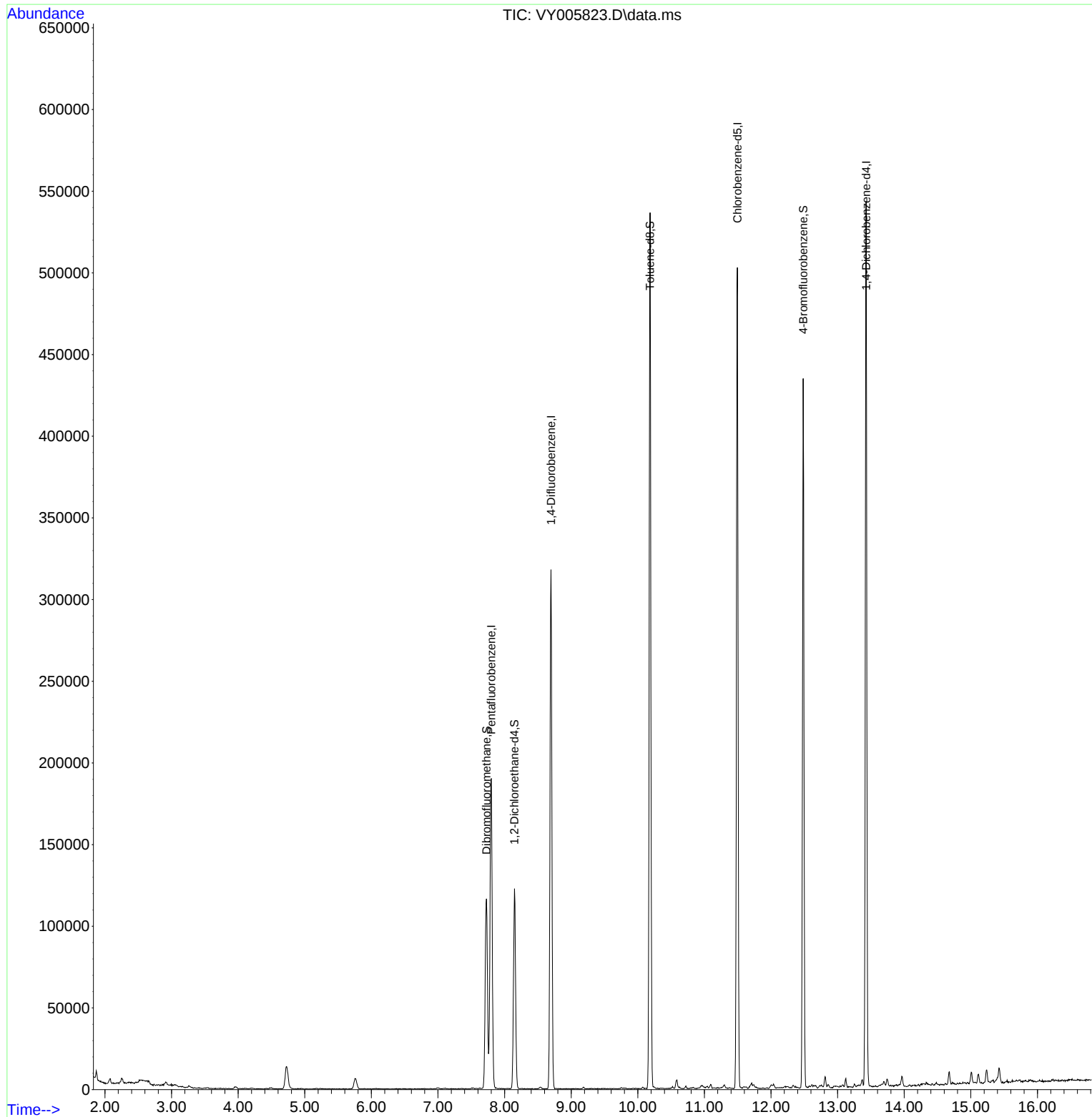
Target Compounds	Qvalue

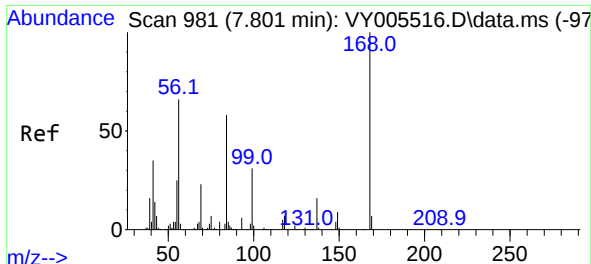
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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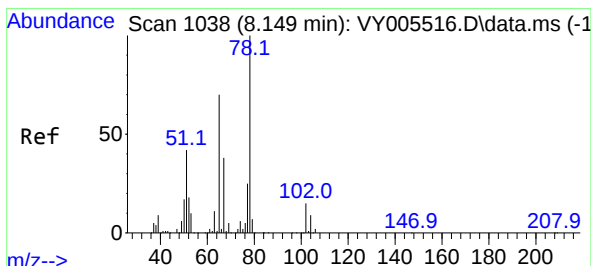
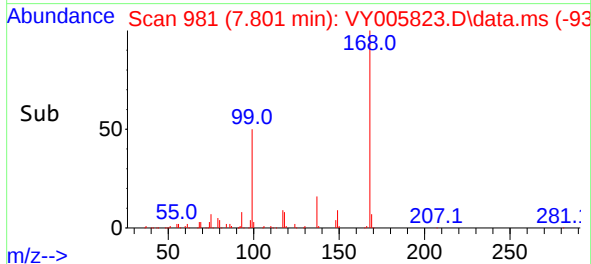
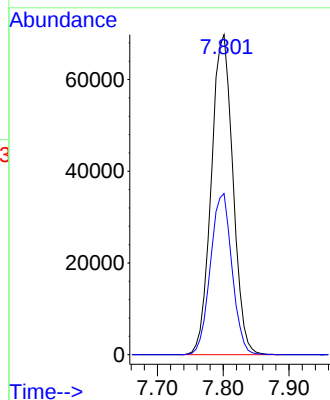
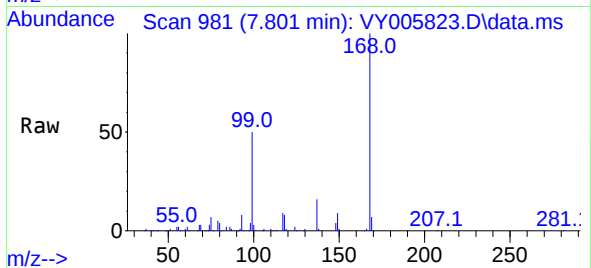




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

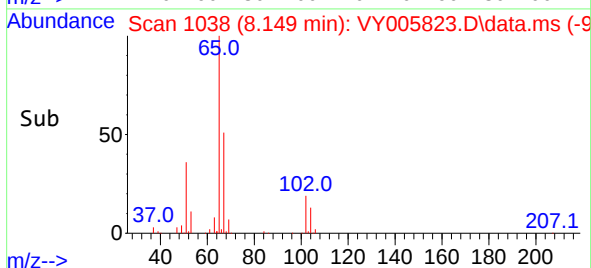
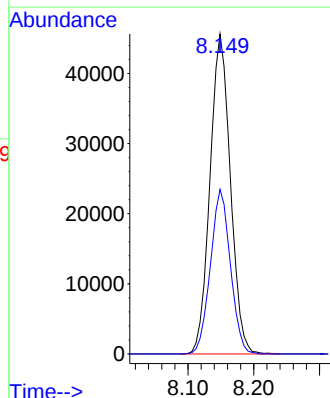
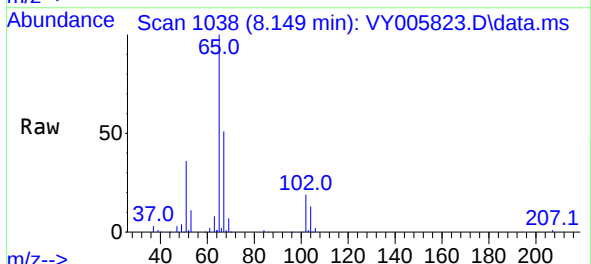
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-082021

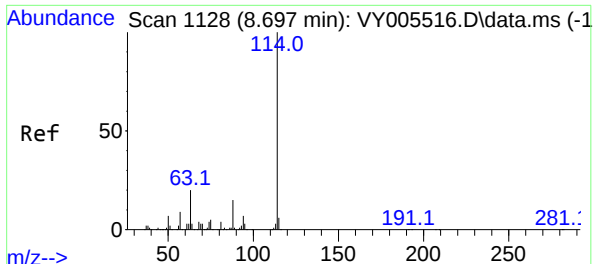
Tgt Ion:168 Resp: 159870
Ion Ratio Lower Upper
168 100
99 50.4 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 60.810 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

Tgt Ion: 65 Resp: 98408
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4

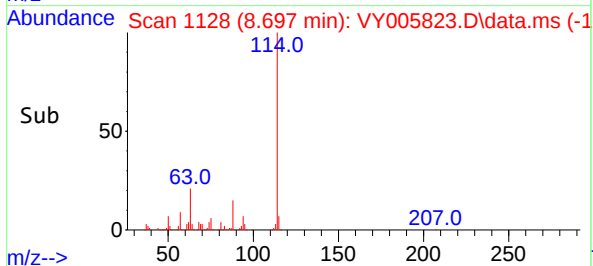
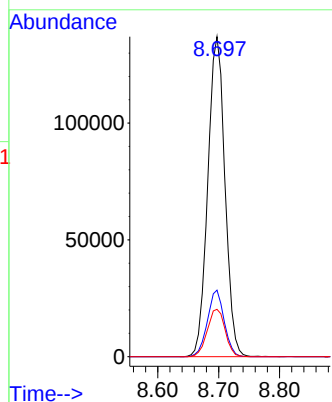
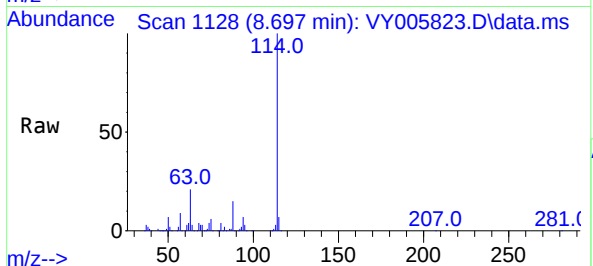




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

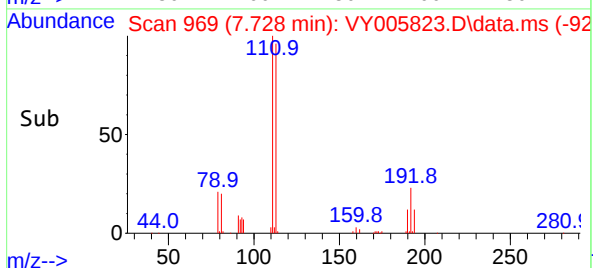
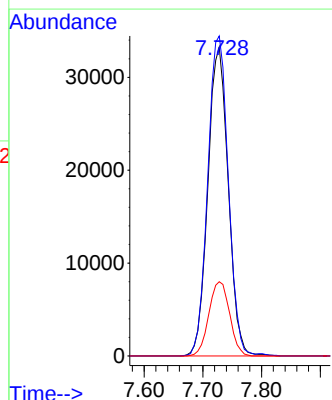
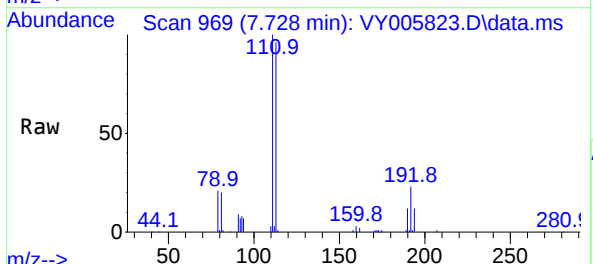
Instrument :
MSVOA_Y
ClientSampleId :
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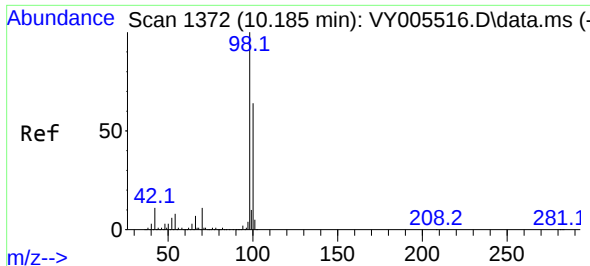
Tgt Ion:	114	Resp:	267752
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	14.8	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.467 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

Tgt Ion:	113	Resp:	80152
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	24.4	19.2	28.8

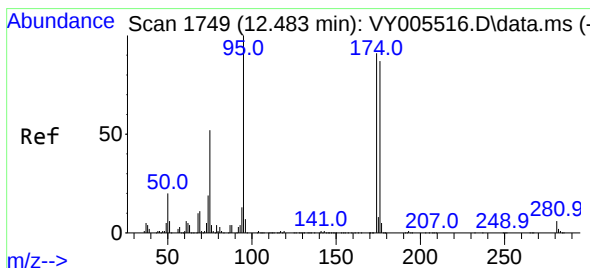
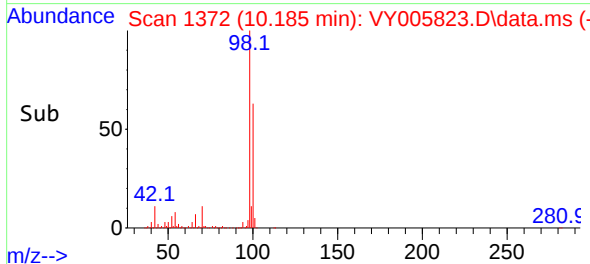
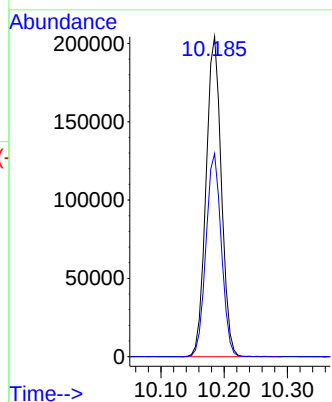
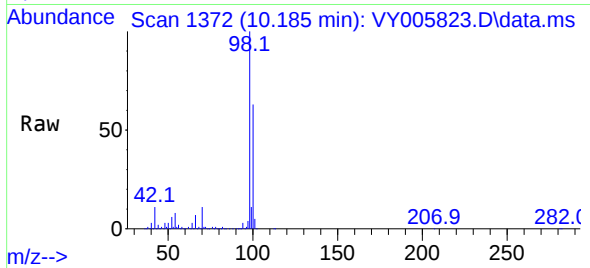




#50
Toluene-d8
Concen: 54.648 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

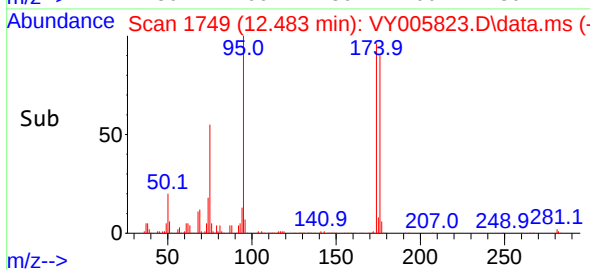
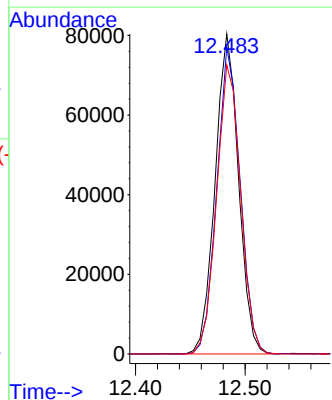
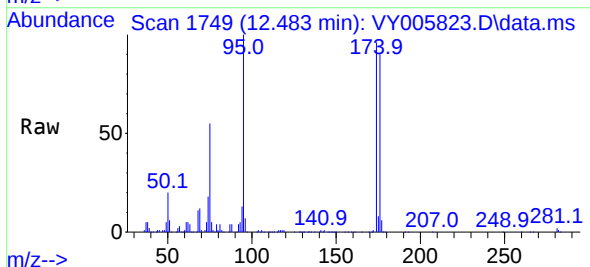
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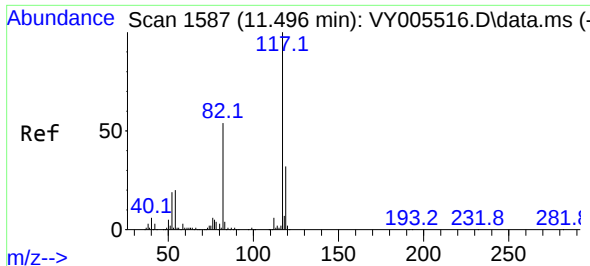
Tgt Ion: 98 Resp: 343572
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.387 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

Tgt Ion: 95 Resp: 119477
Ion Ratio Lower Upper
95 100
174 95.6 0.0 191.4
176 92.4 0.0 183.6



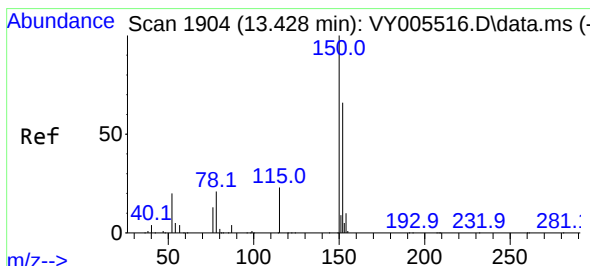
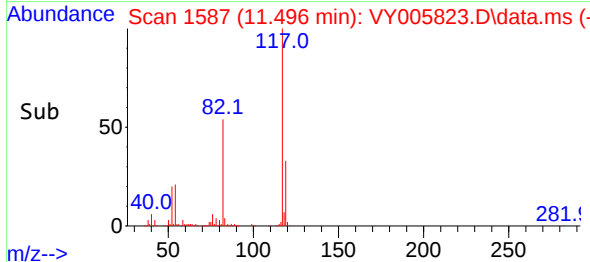
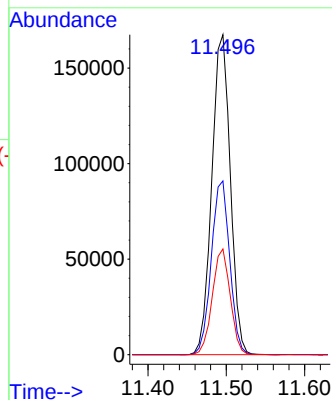
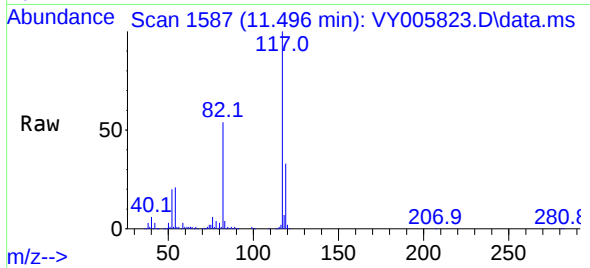


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

Instrument :
MSVOA_Y
ClientSampleId :
NB-8-082021

Tgt Ion:117 Resp: 274772

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.5	65.3
119	33.1	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: VY005823.D
Acq: 24 Aug 2021 16:21

Tgt Ion:152 Resp: 138846

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	156.8	0.0	350.2

