

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005590.D
 Acq On : 10 Aug 2021 13:07
 Operator : SY/MD
 Sample : M3335-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-080921

Quant Time: Aug 11 03:36:46 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	43715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	68907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	62617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	23534	53.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.360%
35) Dibromofluoromethane	7.728	113	19319	50.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.185	98	83984	51.906	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.483	95	26166	48.836	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.680%

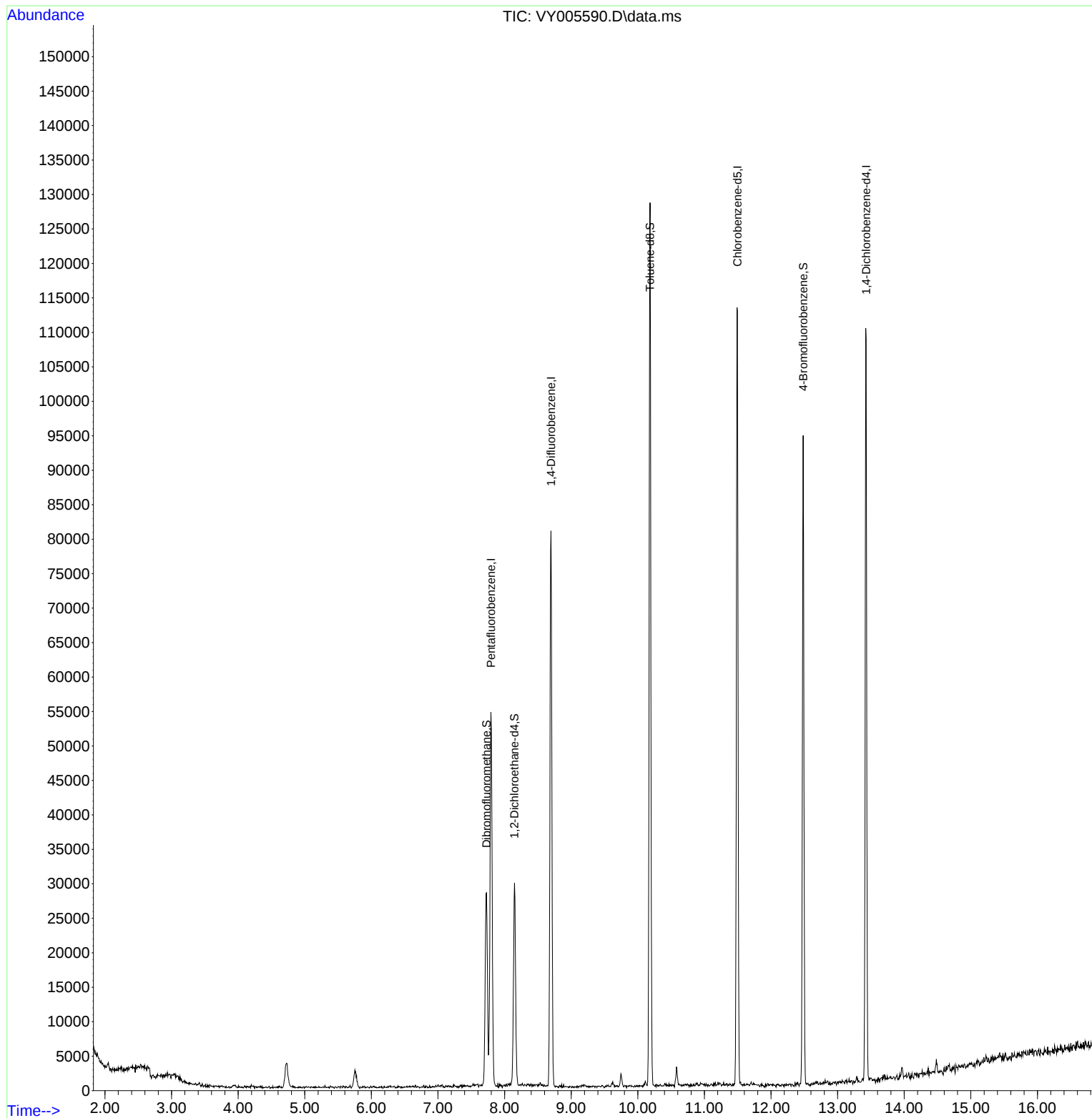
Target Compounds	Qvalue

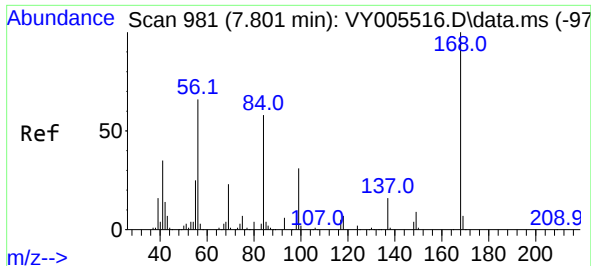
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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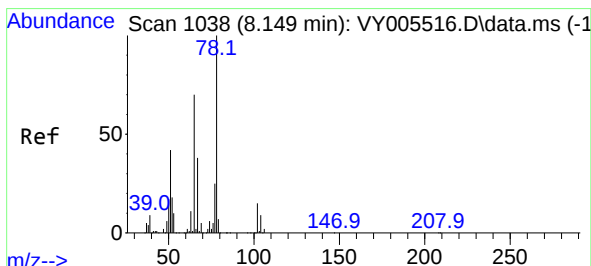
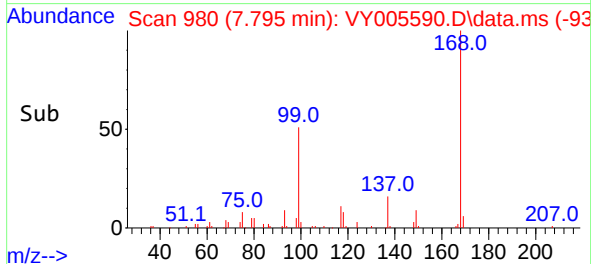
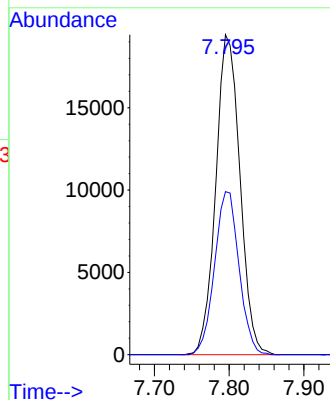
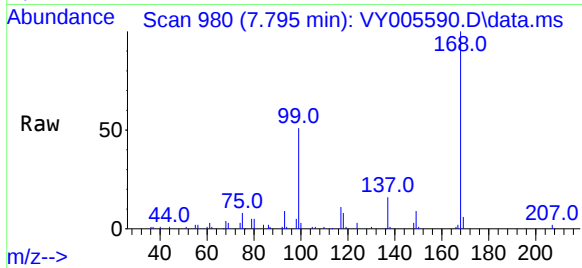




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

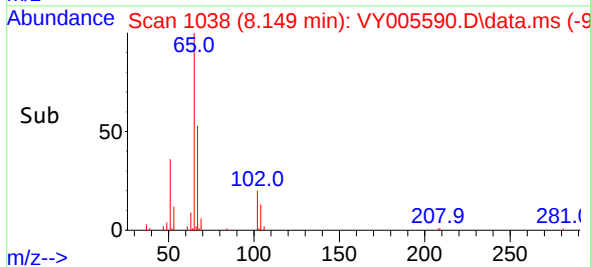
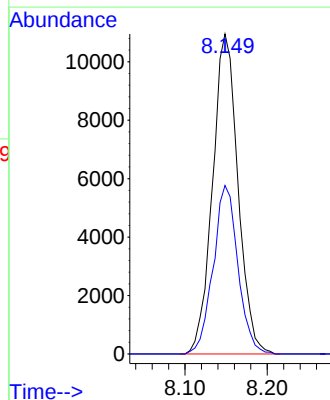
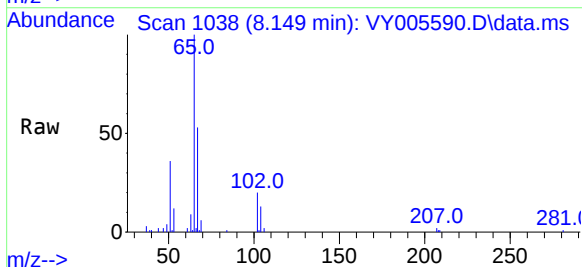
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080921

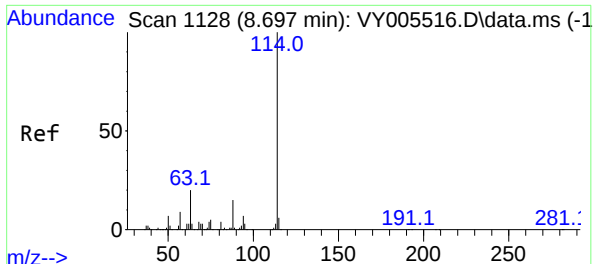
Tgt Ion:168 Resp: 43715
Ion Ratio Lower Upper
168 100
99 50.9 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 53.184 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion: 65 Resp: 23534
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



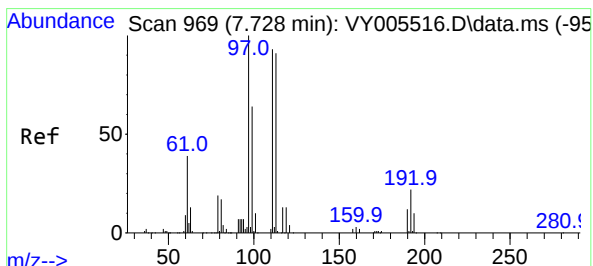
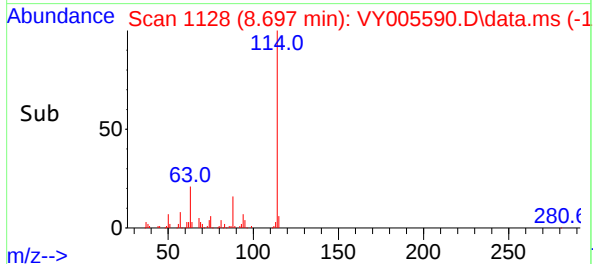
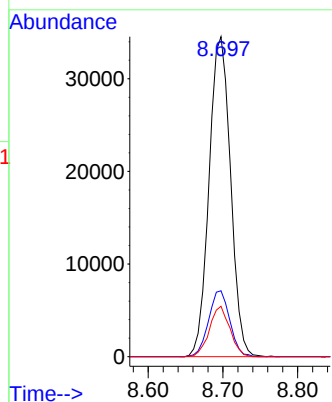
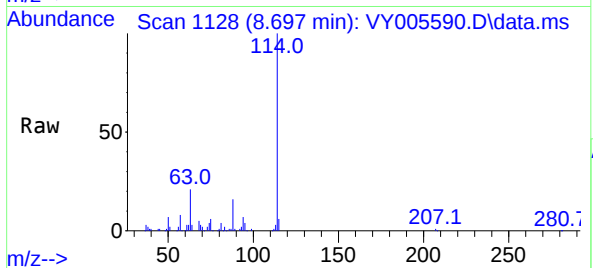


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

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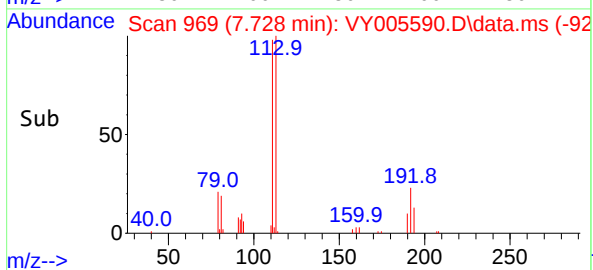
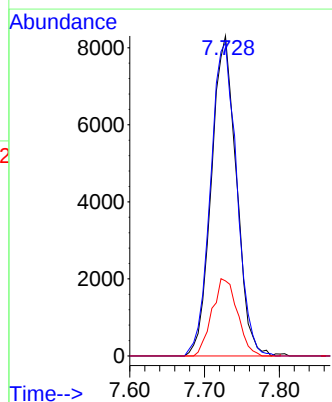
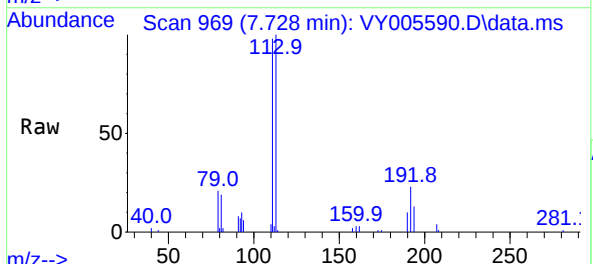
Tgt Ion:	114	Resp:	68907
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	15.8	0.0	30.8



#35

Dibromofluoromethane
Concen: 50.076 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion:	113	Resp:	19319
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	24.5	19.2	28.8

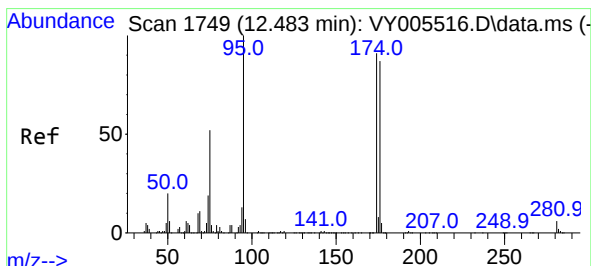
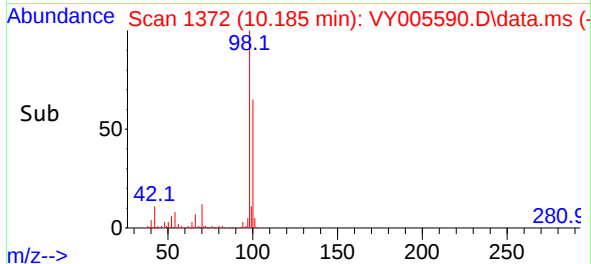
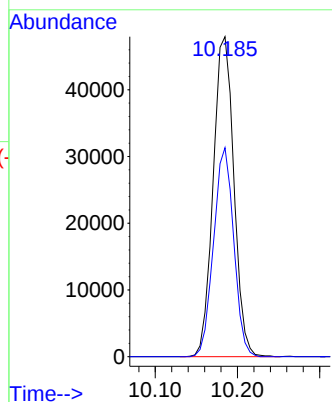
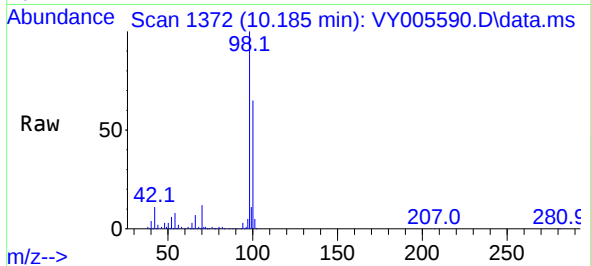




#50
Toluene-d8
Concen: 51.906 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

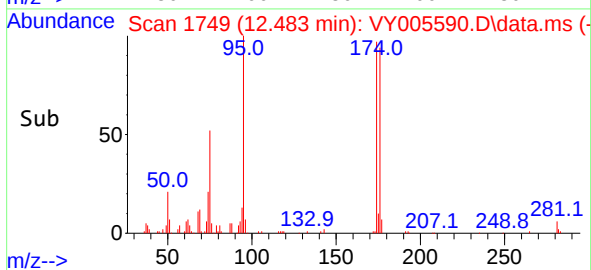
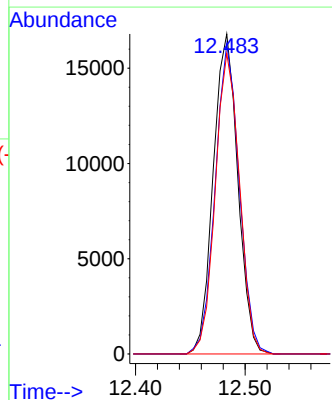
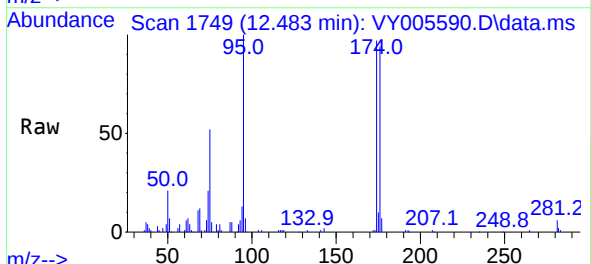
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080921

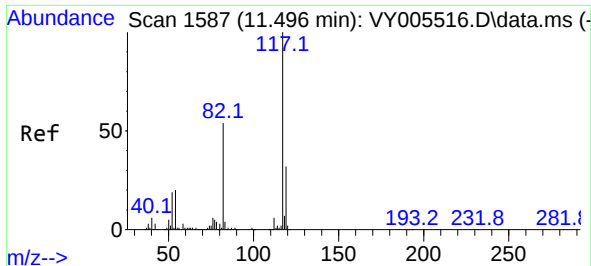
Tgt Ion: 98 Resp: 83984
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.836 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion: 95 Resp: 26166
Ion Ratio Lower Upper
95 100
174 95.0 0.0 191.4
176 92.5 0.0 183.6

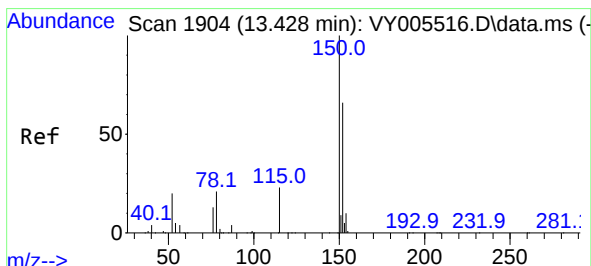
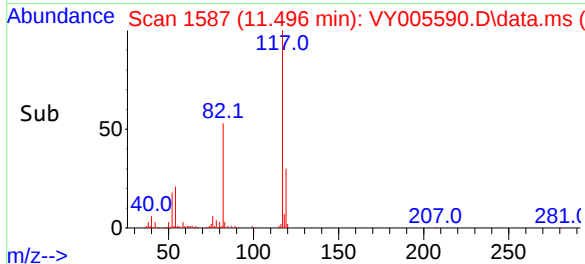
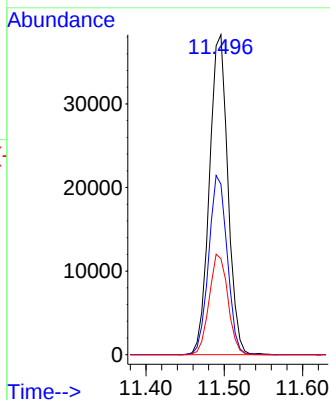
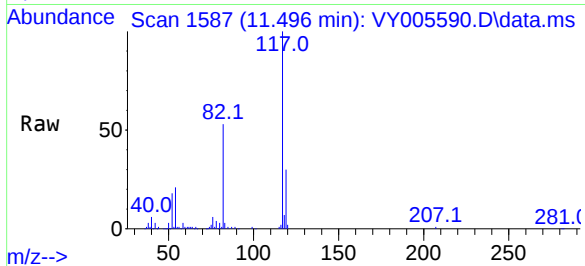




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005590.D
Acq: 10 Aug 2021 13:07

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080921

Tgt Ion:	117	Resp:	62617
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.5	65.3
119	30.0	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: VY005590.D
Acq: 10 Aug 2021 13:07

Tgt Ion:	152	Resp:	28525
Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.3	81.9
150	157.2	0.0	350.2

