

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005168.D
 Acq On : 17 Jun 2021 19:39
 Operator : SY/MD
 Sample : M2735-05
 Misc : 6.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: Jun 18 03:05:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	151397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	276294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102439	69.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.960%
35) Dibromofluoromethane	7.728	113	88098	74.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	149.120%#
50) Toluene-d8	10.185	98	345320	58.665	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.340%
62) 4-Bromofluorobenzene	12.483	95	121654	61.452	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.900%

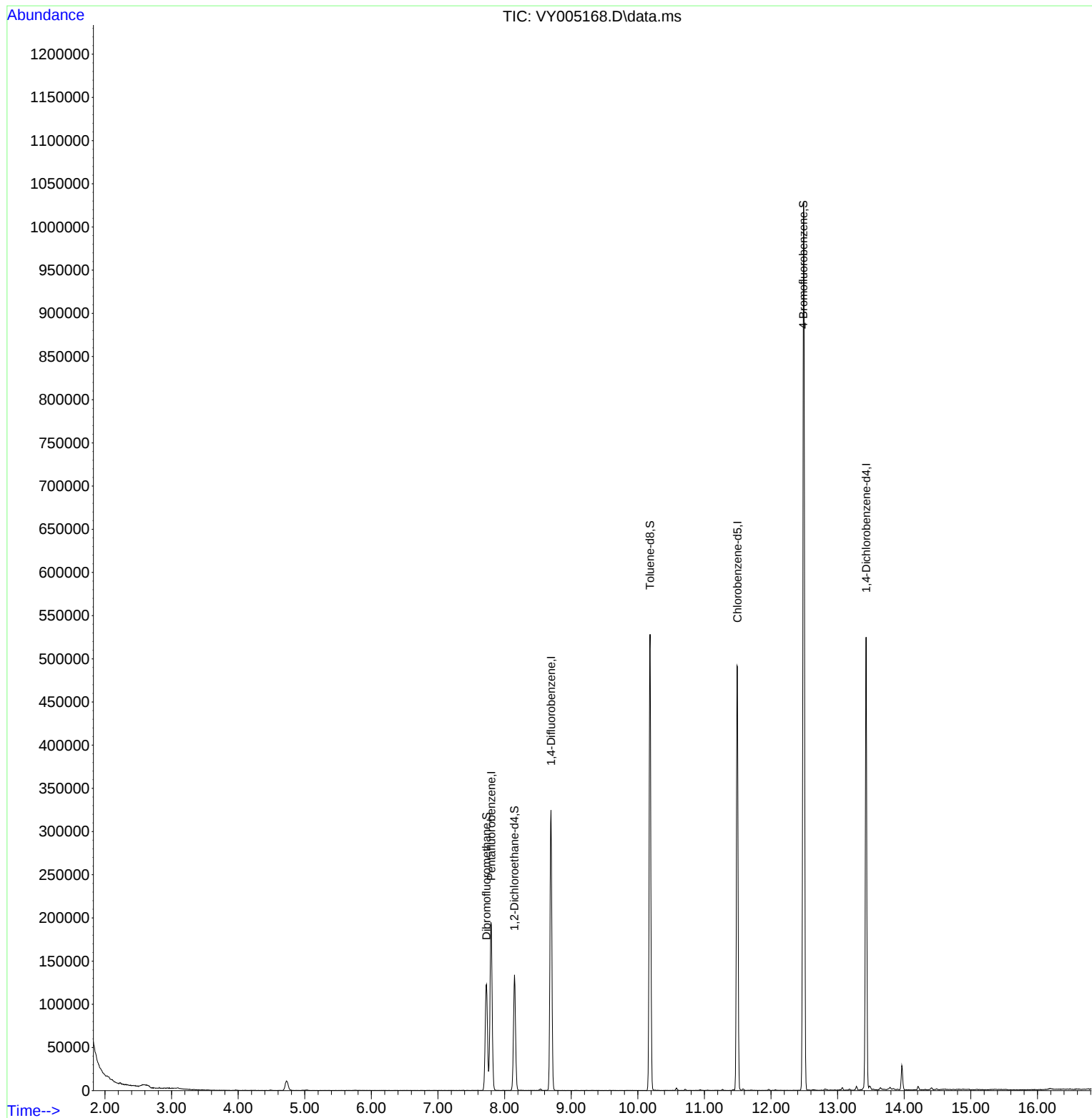
Target Compounds	Qvalue

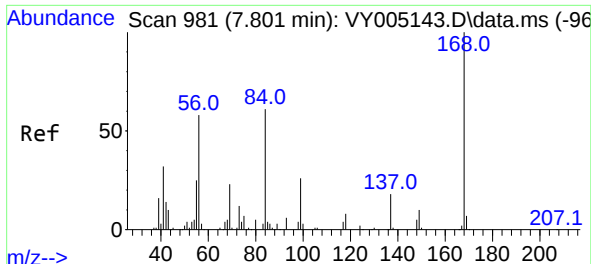
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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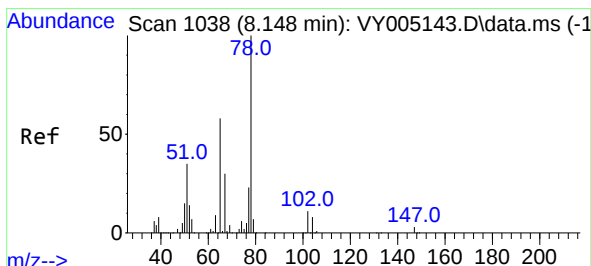
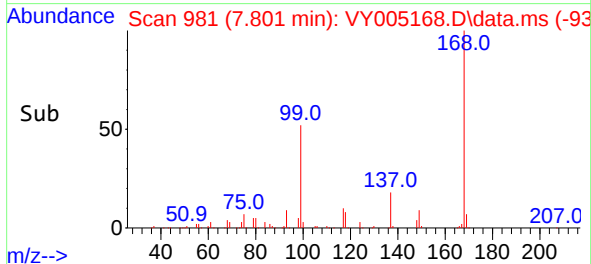
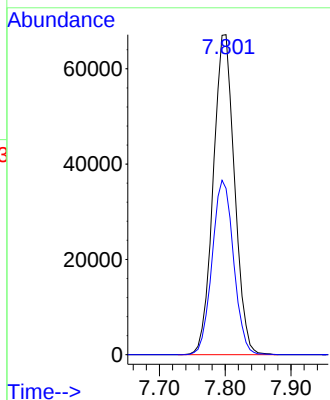
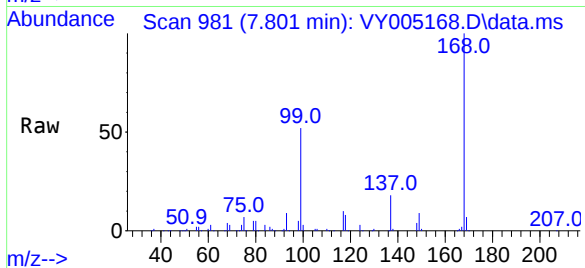




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

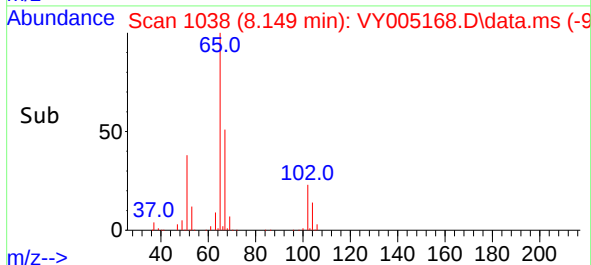
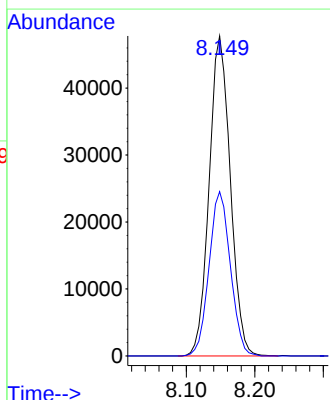
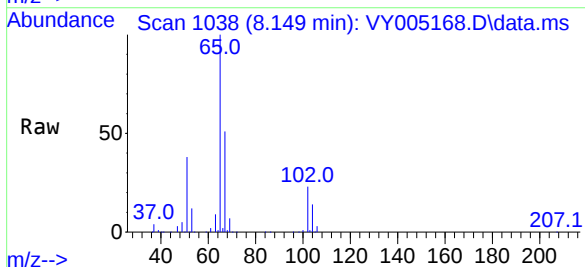
Instrument :
MSVOA_Y
ClientSampleId :
124055

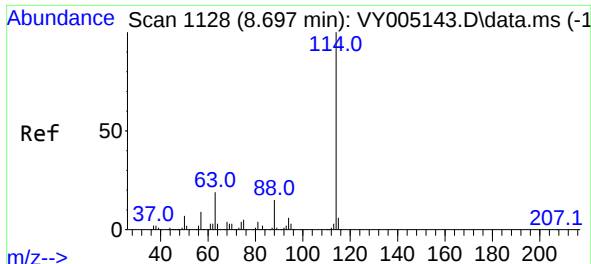
Tgt Ion:168 Resp: 151397
Ion Ratio Lower Upper
168 100
99 52.0 44.5 66.7



#33
1,2-Dichloroethane-d4
Concen: 69.979 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

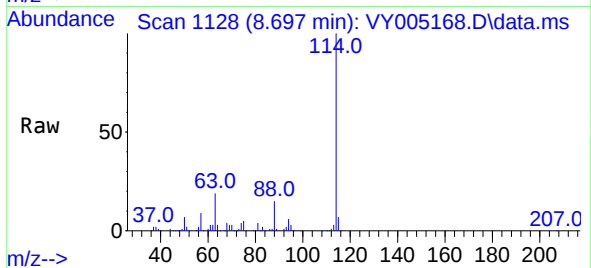
Tgt Ion: 65 Resp: 102439
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2





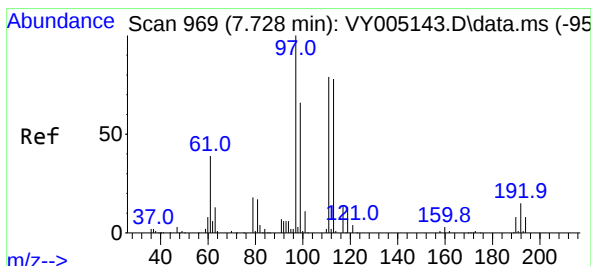
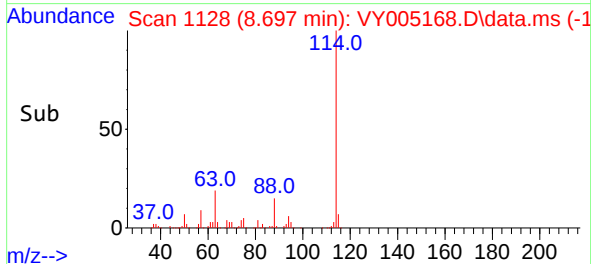
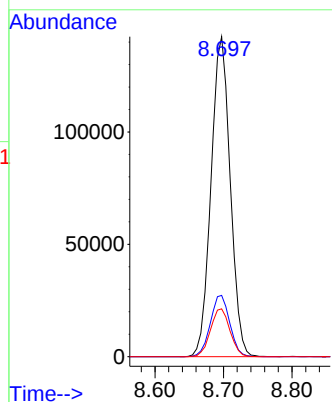
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Instrument :
MSVOA_Y
ClientSampleId :
124055



Tgt Ion:114 Resp: 276294

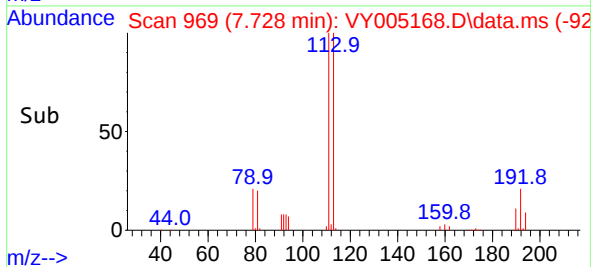
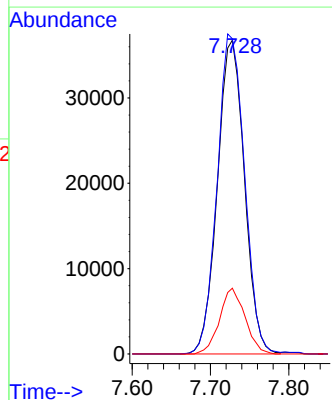
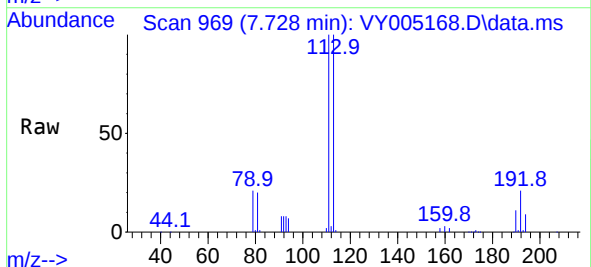
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.6
88	15.0	0.0	29.6

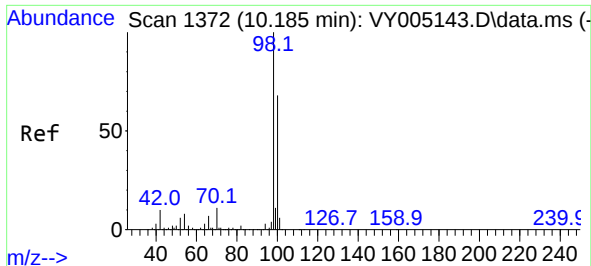


#35
Dibromofluoromethane
Concen: 74.563 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Tgt Ion:113 Resp: 88098

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	19.8	16.2	24.2

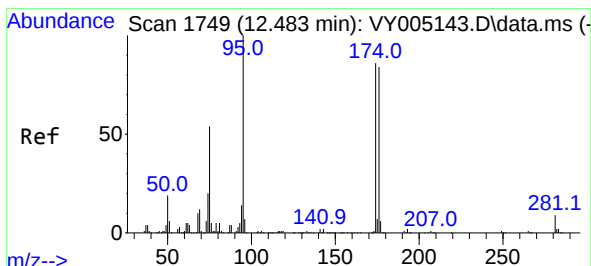
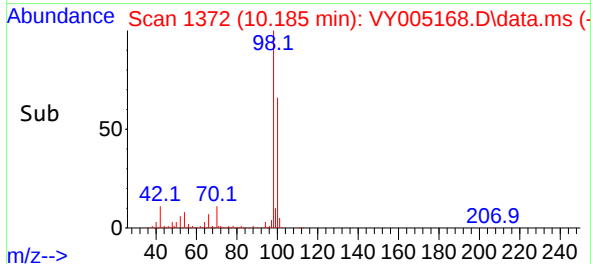
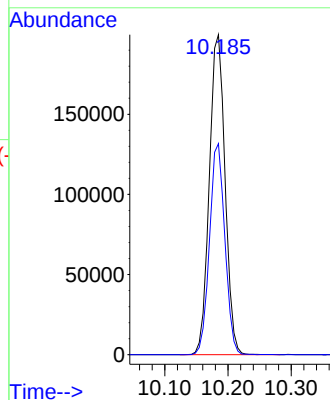
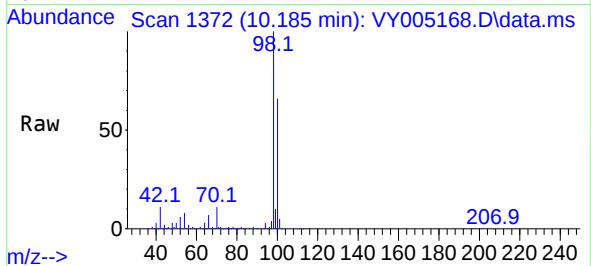




#50
Toluene-d8
Concen: 58.665 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

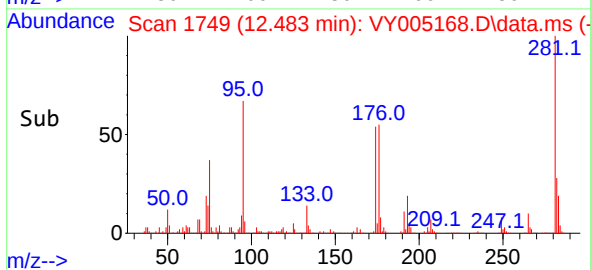
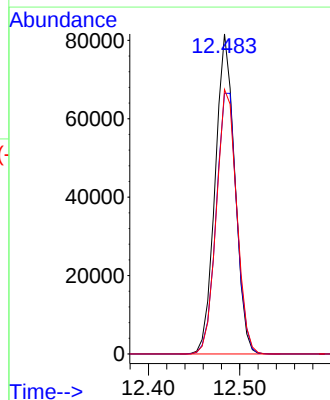
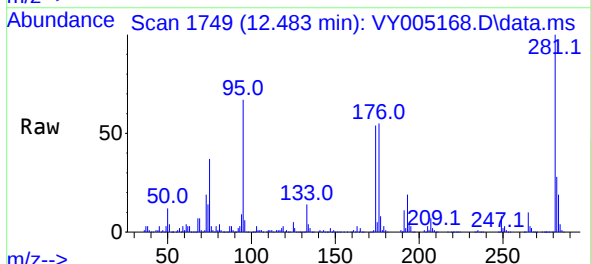
Instrument :
MSVOA_Y
ClientSampleId :
124055

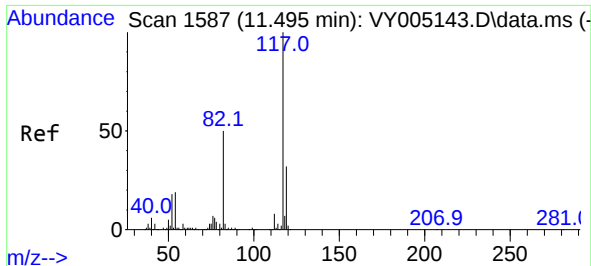
Tgt Ion: 98 Resp: 345320
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.452 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Tgt Ion: 95 Resp: 121654
Ion Ratio Lower Upper
95 100
174 85.6 0.0 179.2
176 85.5 0.0 174.0

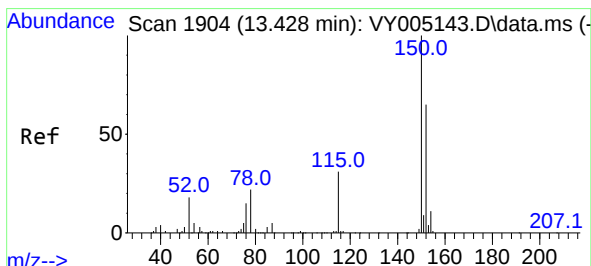
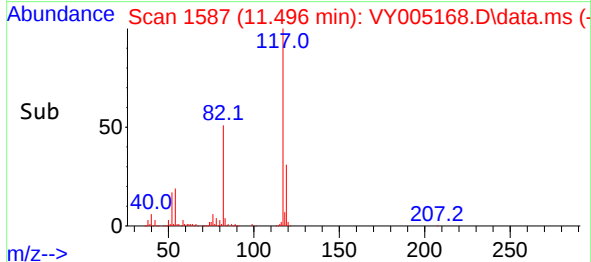
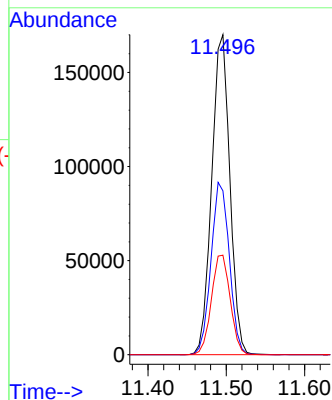
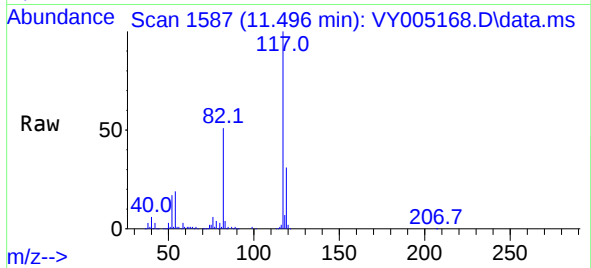




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Instrument :
MSVOA_Y
ClientSampleId :
124055

Tgt Ion:117 Resp: 273528
Ion Ratio Lower Upper
117 100
82 51.2 39.8 59.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005168.D
Acq: 17 Jun 2021 19:39

Tgt Ion:152 Resp: 128187
Ion Ratio Lower Upper
152 100
115 58.3 29.5 88.6
150 157.3 0.0 348.2

