

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006462.D
 Acq On : 25 Oct 2021 13:29
 Operator : SY/MD
 Sample : M4313-05
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4743

Quant Time: Oct 26 02:43:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	99282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	169771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	157578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71223	58.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.600%
35) Dibromofluoromethane	7.722	113	50603	53.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.960%
50) Toluene-d8	10.185	98	217114	54.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.260%
62) 4-Bromofluorobenzene	12.483	95	64539	47.762	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.520%

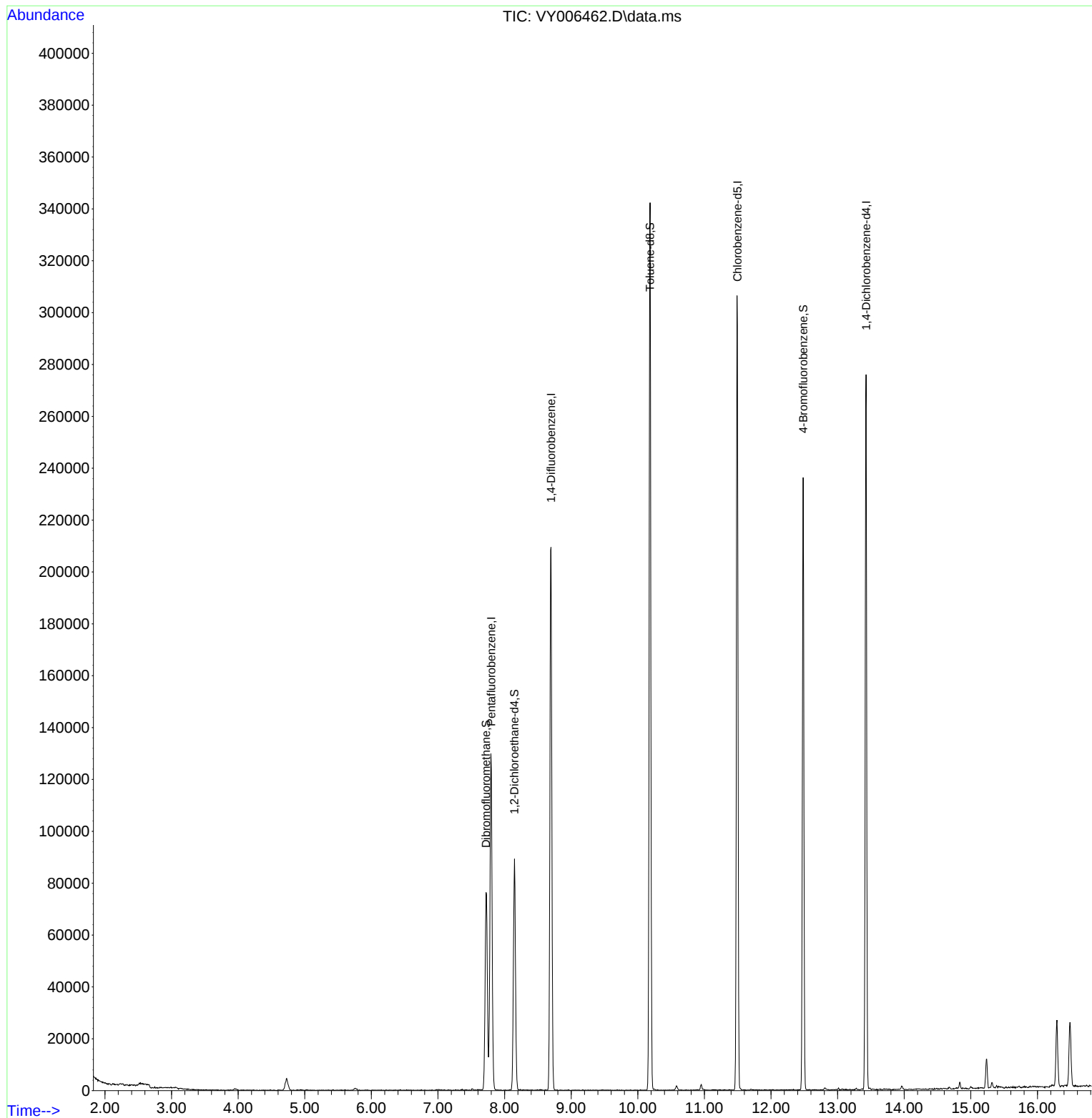
Target Compounds	Qvalue

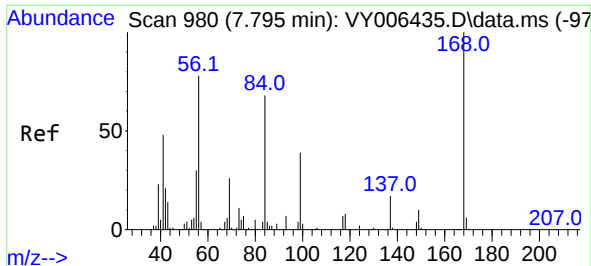
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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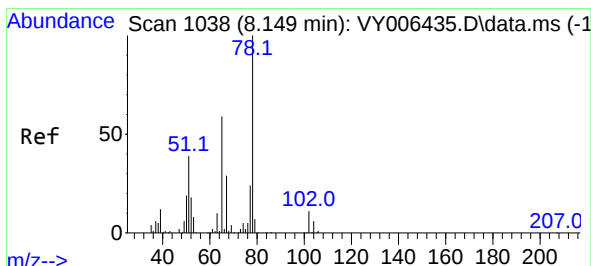
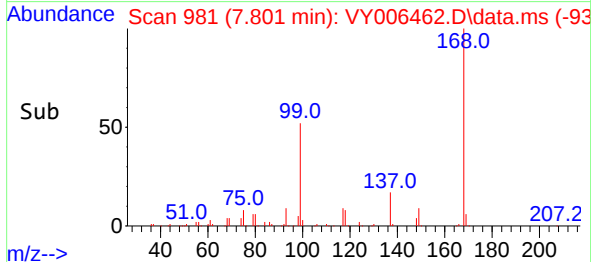
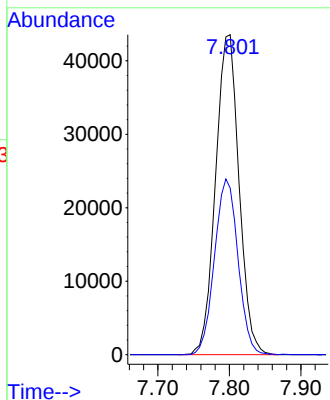
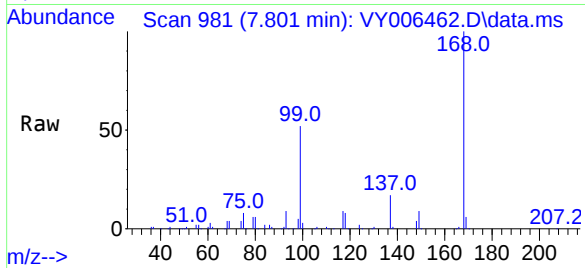




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

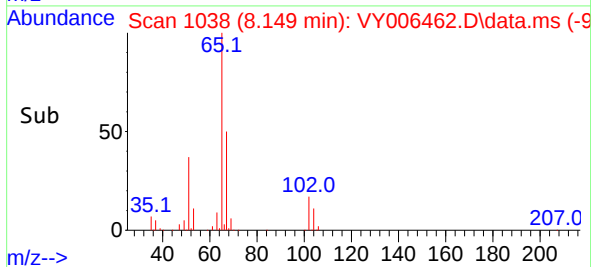
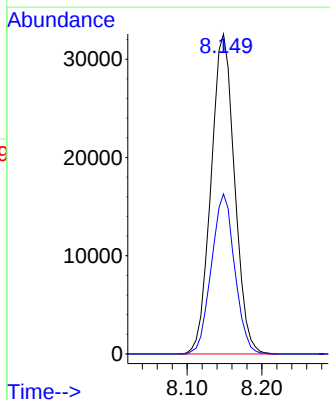
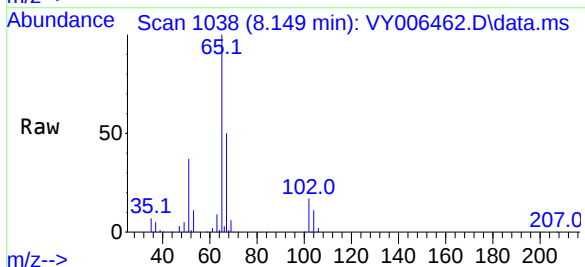
Instrument :
MSVOA_Y
ClientSampled :
4743

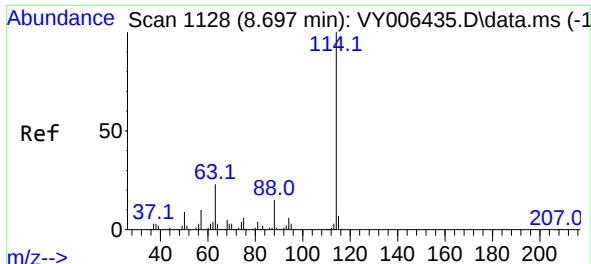
Tgt Ion:168 Resp: 99282
Ion Ratio Lower Upper
168 100
99 52.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 58.297 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

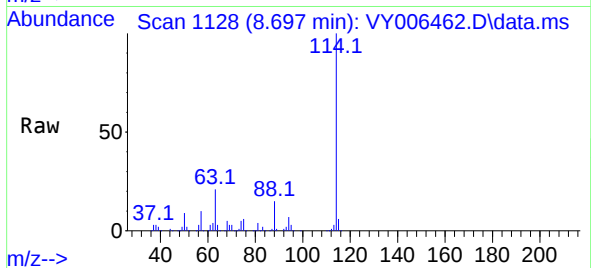
Tgt Ion: 65 Resp: 71223
Ion Ratio Lower Upper
65 100
67 49.4 0.0 98.2





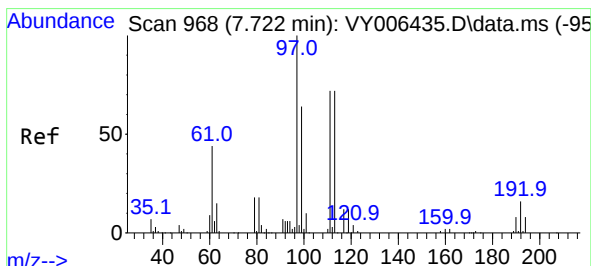
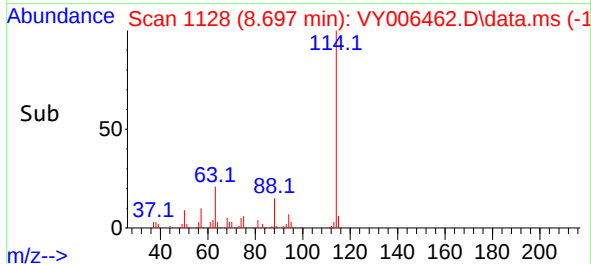
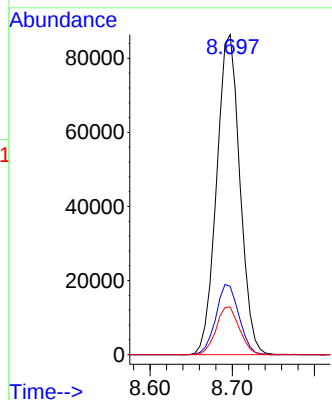
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Instrument :
MSVOA_Y
ClientSampled :
4743



Tgt Ion:114 Resp: 169771

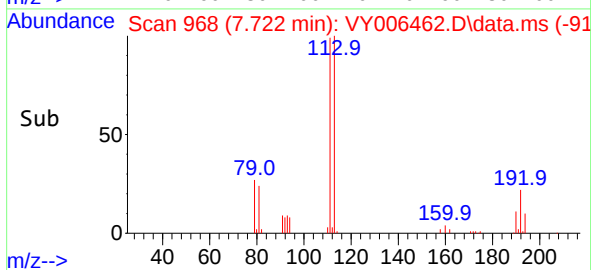
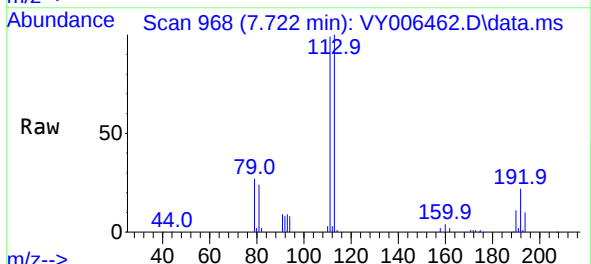
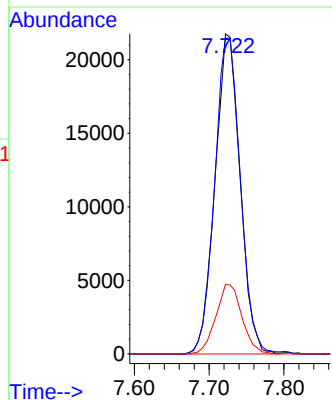
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	45.0
88	15.0	0.0	30.6

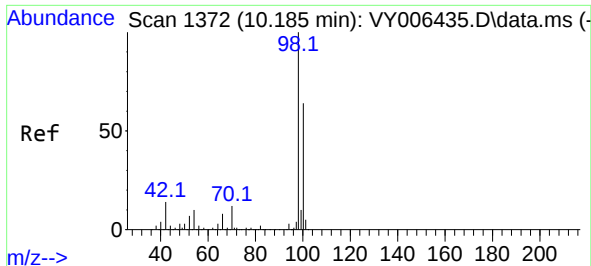


#35
Dibromofluoromethane
Concen: 53.477 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion:113 Resp: 50603

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	22.6	17.4	26.2

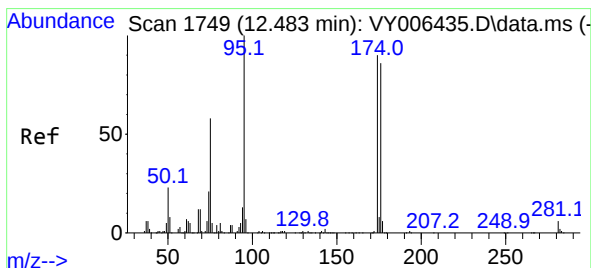
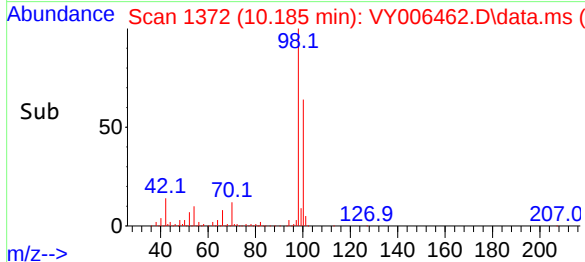
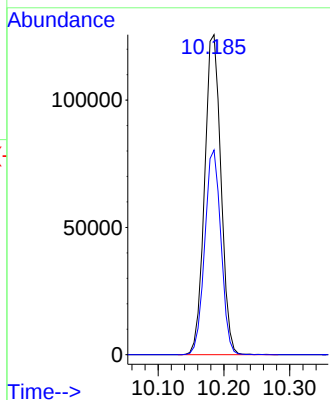
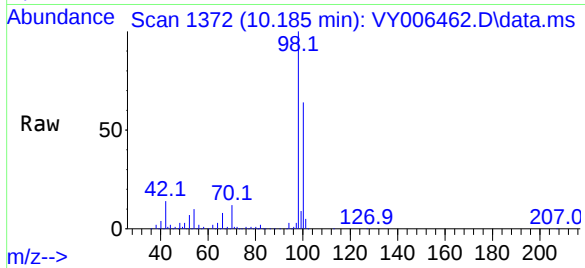




#50
Toluene-d8
Concen: 54.125 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

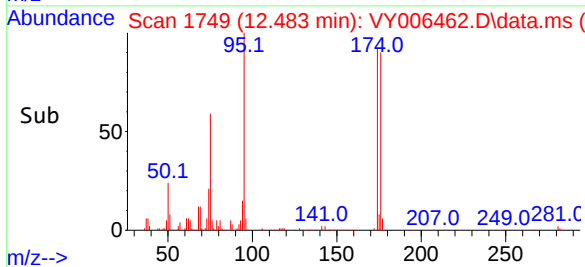
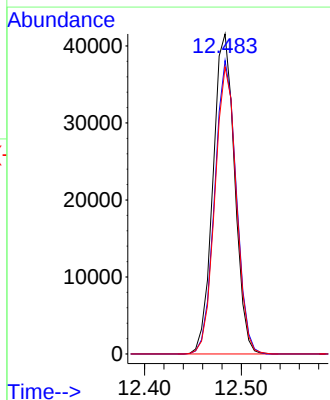
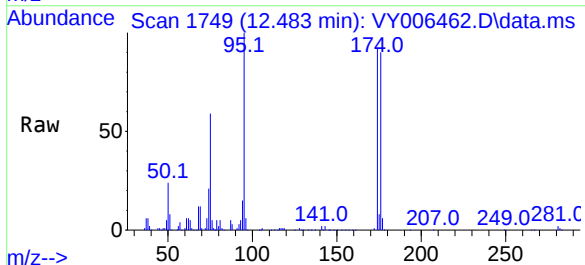
Instrument :
MSVOA_Y
ClientSampleId :
4743

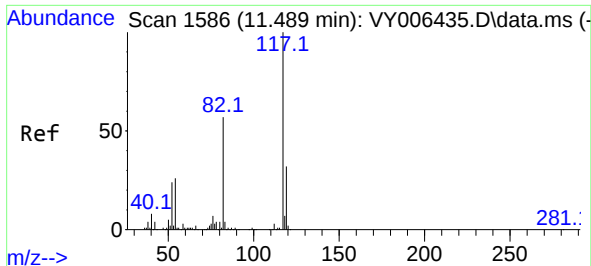
Tgt Ion: 98 Resp: 217114
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.762 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion: 95 Resp: 64539
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 88.7 0.0 169.4

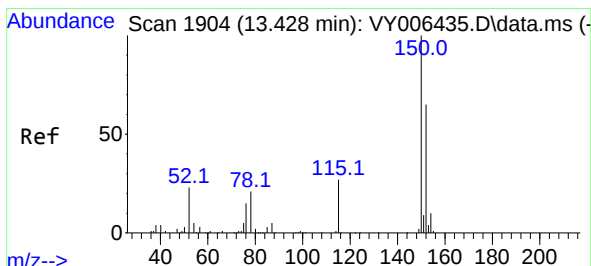
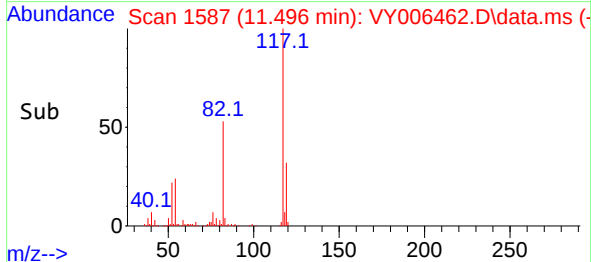
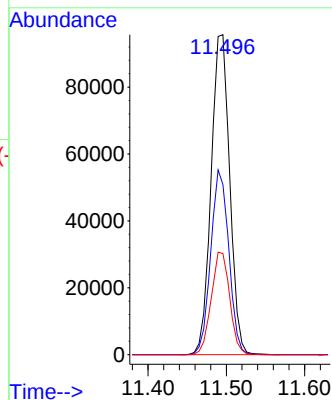
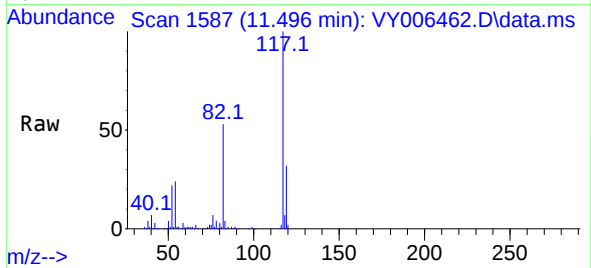




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Instrument :
MSVOA_Y
ClientSampleId :
4743

Tgt Ion:117 Resp: 157578
Ion Ratio Lower Upper
117 100
82 53.2 45.7 68.5
119 31.6 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: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion:152 Resp: 66833
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 158.1 0.0 348.2

