

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007207.D
 Acq On : 18 Jan 2022 13:42
 Operator : SY/MD
 Sample : N1166-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-011422

Quant Time: Jan 19 00:32:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	41609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	72400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	58987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21898	42.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.780%
35) Dibromofluoromethane	7.722	113	22232	45.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.820%
50) Toluene-d8	10.185	98	84371	47.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.483	95	25508	40.087	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.180%

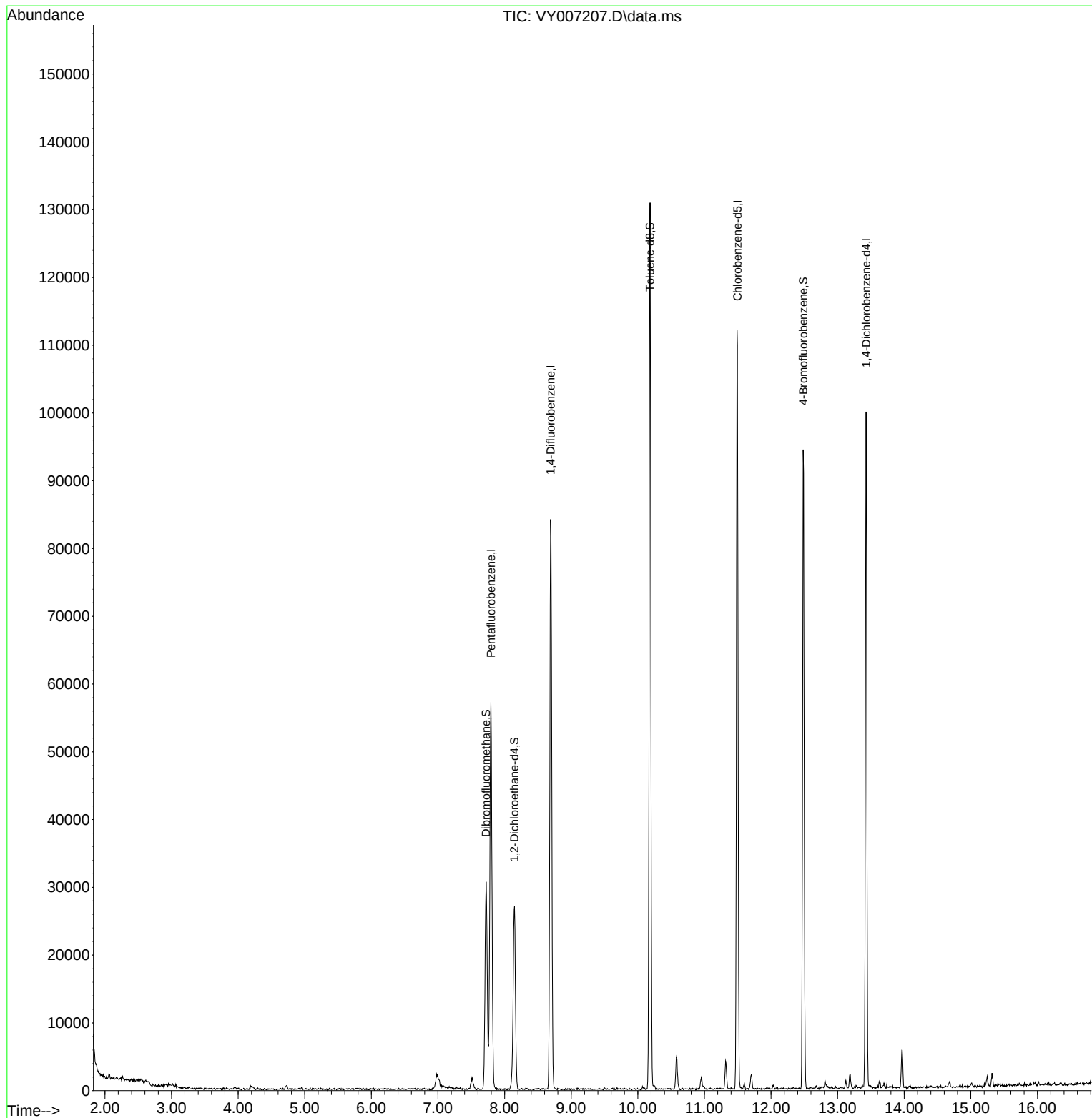
Target Compounds	Qvalue

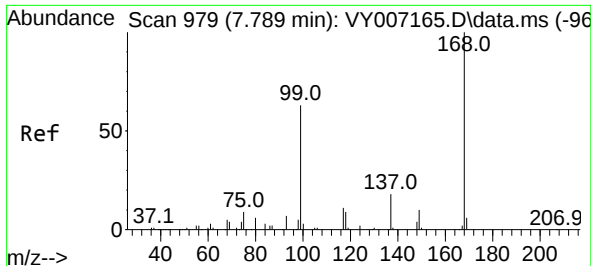
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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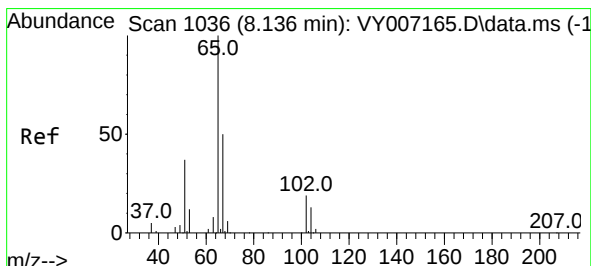
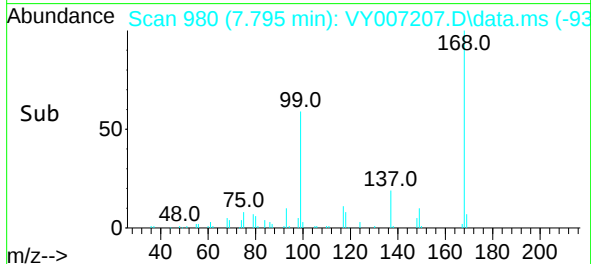
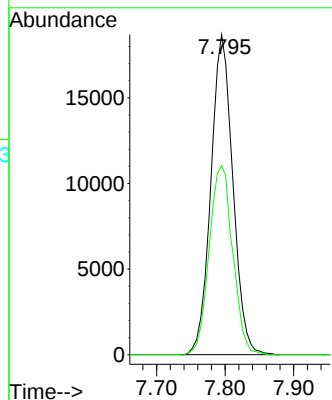
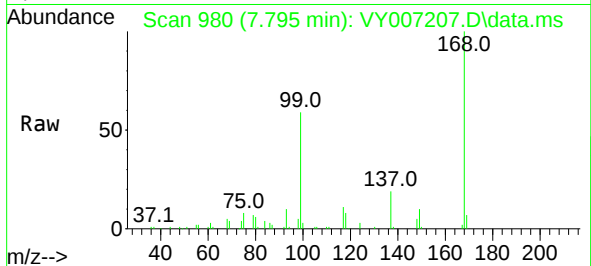




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007207.D
Acq: 18 Jan 2022 13:42

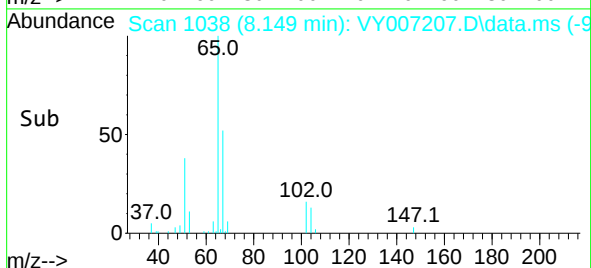
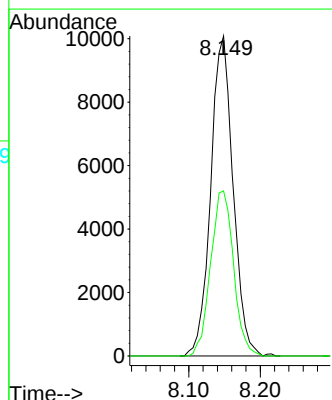
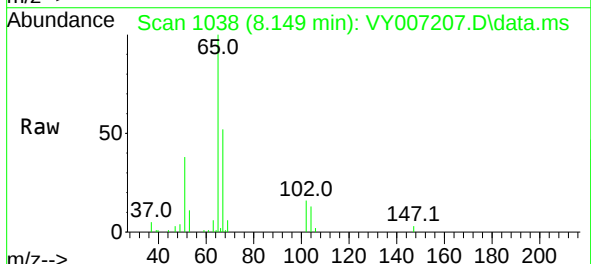
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011422

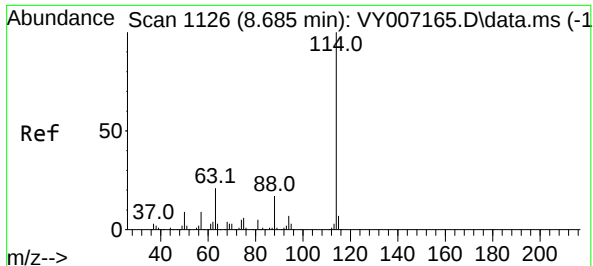
Tgt Ion:168 Resp: 41609
Ion Ratio Lower Upper
168 100
99 59.1 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 42.891 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007207.D
Acq: 18 Jan 2022 13:42

Tgt Ion: 65 Resp: 21898
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6

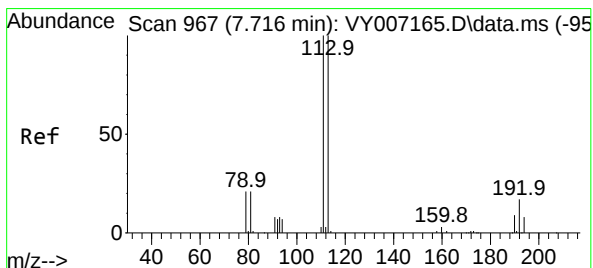
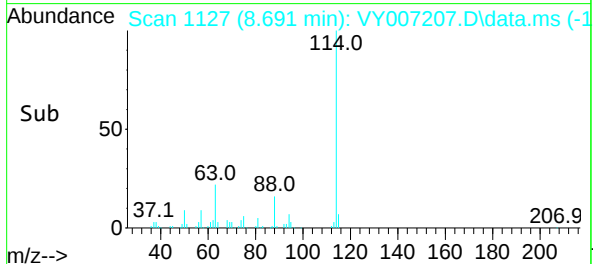
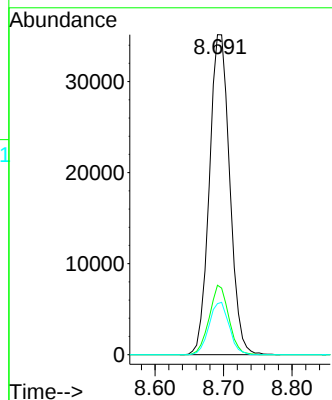
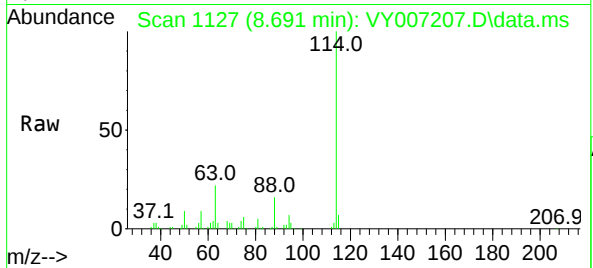




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY007207.D
Acq: 18 Jan 2022 13:42

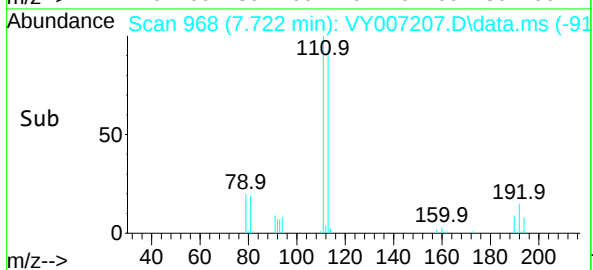
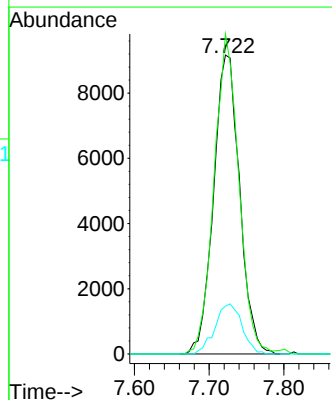
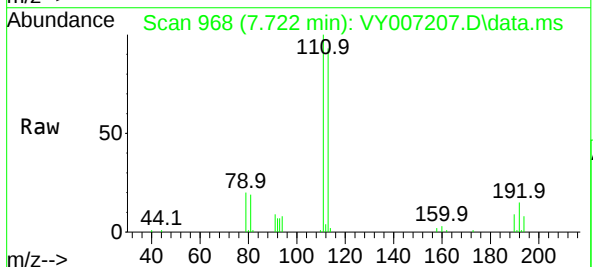
Instrument :
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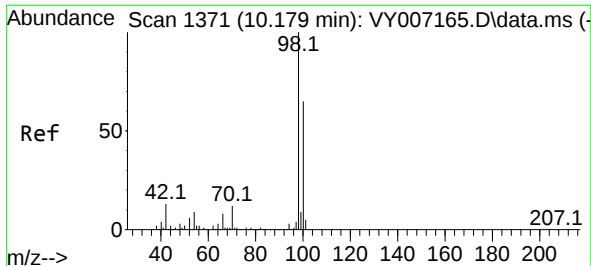
Tgt Ion:114 Resp: 72400
Ion Ratio Lower Upper
114 100
63 21.7 0.0 39.2
88 16.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 45.412 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007207.D
Acq: 18 Jan 2022 13:42

Tgt Ion:113 Resp: 22232
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 17.3 14.2 21.4

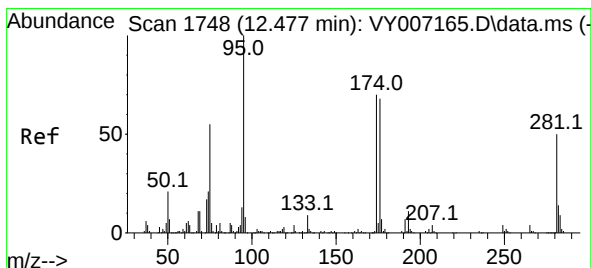
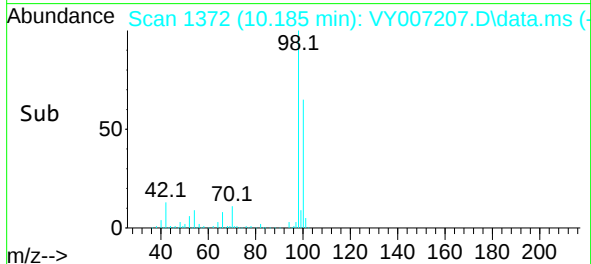
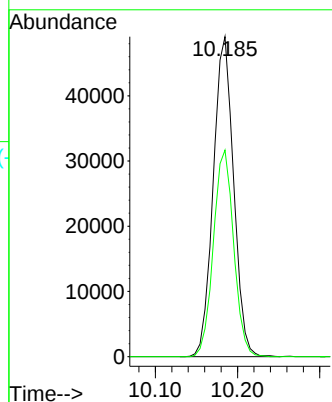
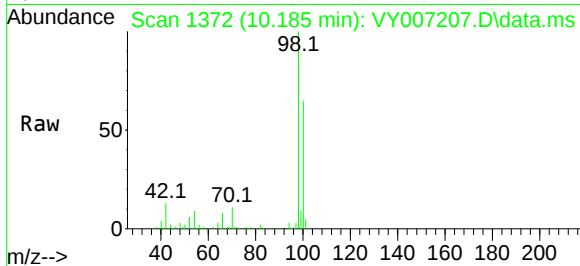




#50
Toluene-d8
Concen: 47.166 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007207.D
Acq: 18 Jan 2022 13:42

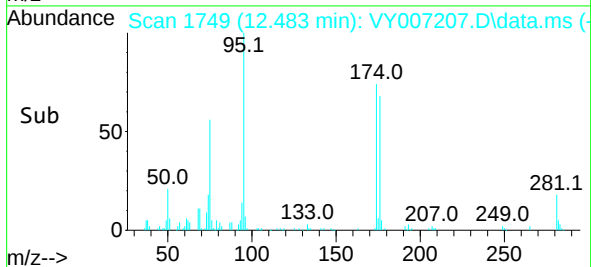
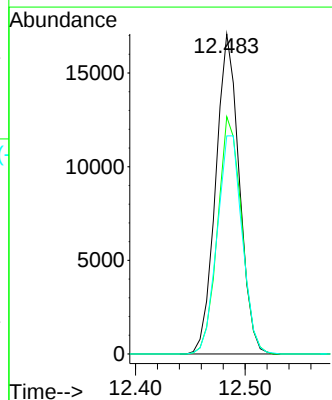
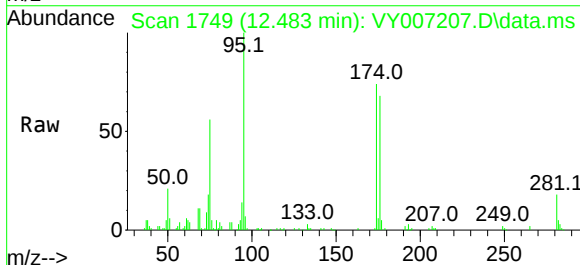
Instrument :
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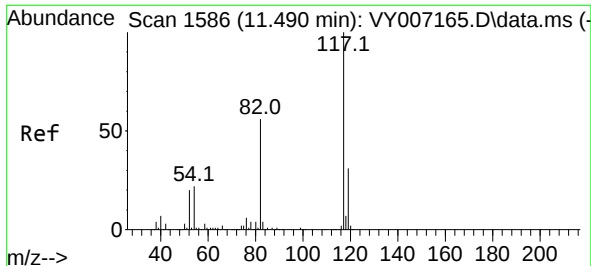
Tgt Ion: 98 Resp: 84371
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 40.087 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007207.D
Acq: 18 Jan 2022 13:42

Tgt Ion: 95 Resp: 25508
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.4
176 72.7 0.0 146.6

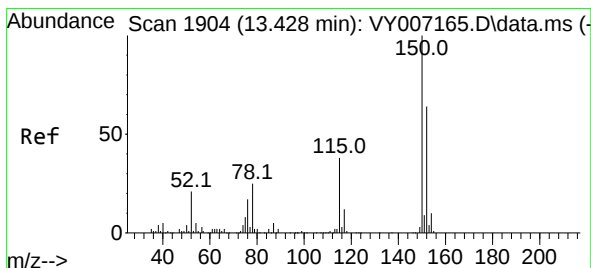
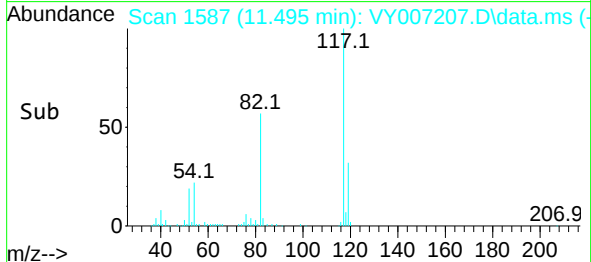
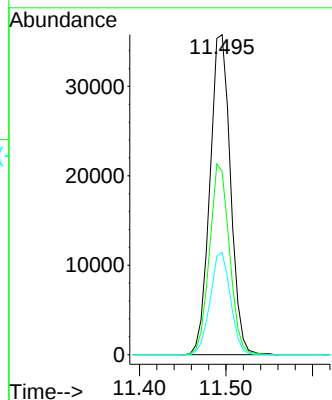
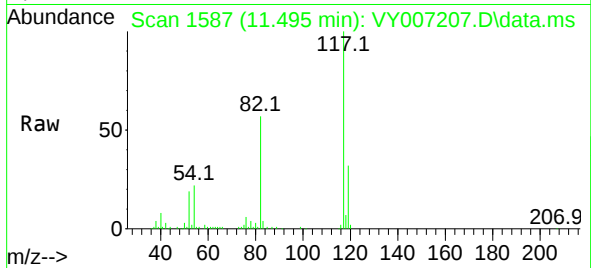




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007207.D
Acq: 18 Jan 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-011422

Tgt Ion:117 Resp: 58987
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.0
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007207.D
Acq: 18 Jan 2022 13:42

Tgt Ion:152 Resp: 22719
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.0
150 156.3 0.0 348.4

