

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008079.D
 Acq On : 29 Mar 2022 11:01
 Operator : SY/MD
 Sample : VY0329SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0329SBL01

Quant Time: Mar 30 03:57:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	138915	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	249327	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	230819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98908	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73282	52.580	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.728	113	77832	49.790	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.185	98	300789	51.073	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.489	95	99867	48.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.120%

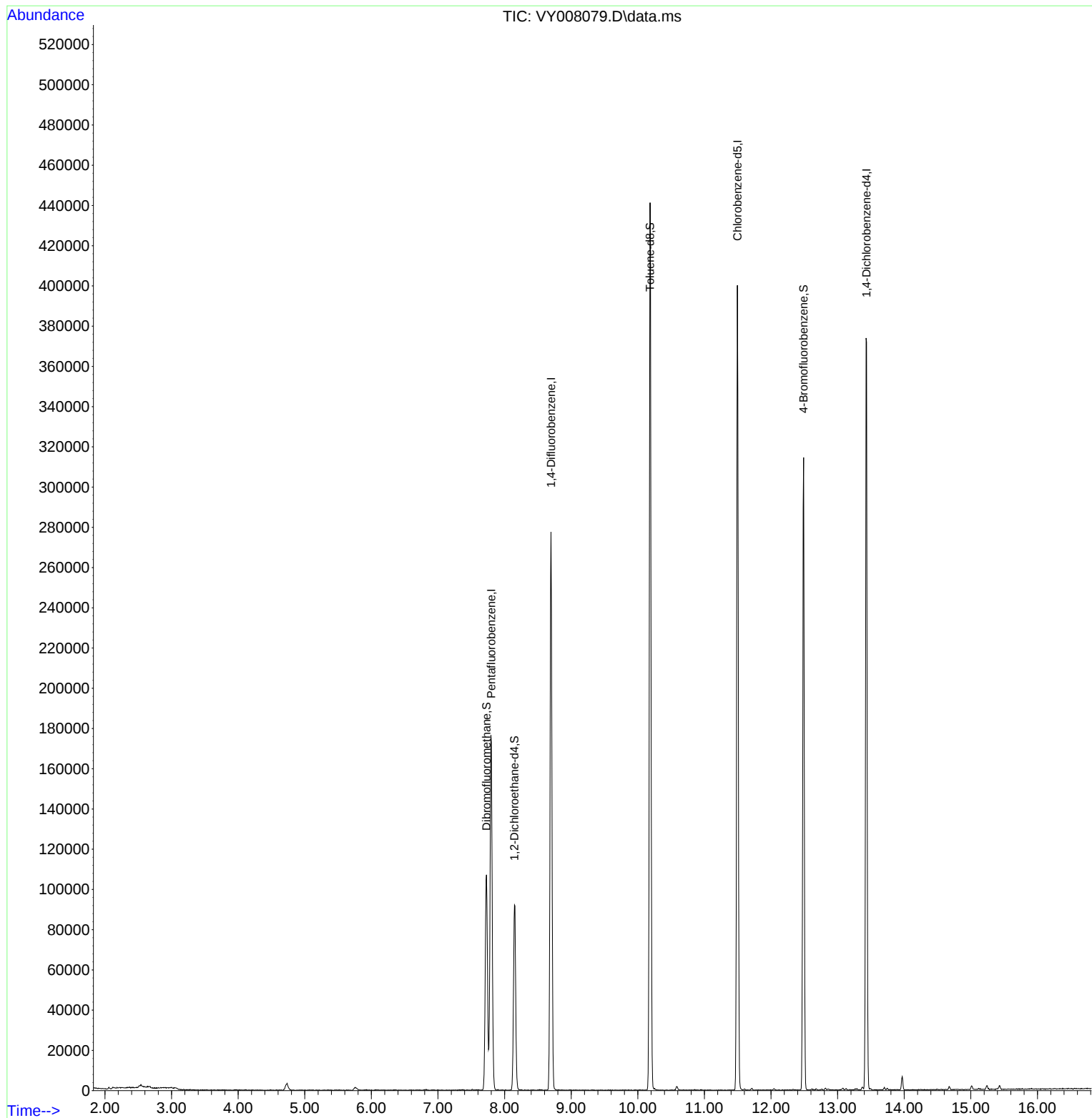
Target Compounds	Qvalue

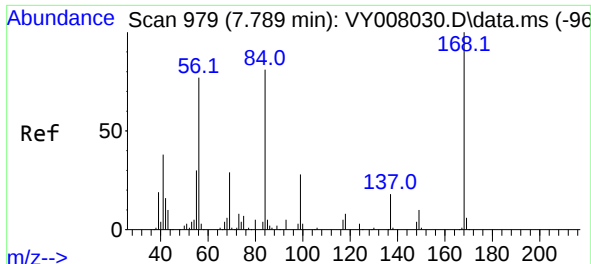
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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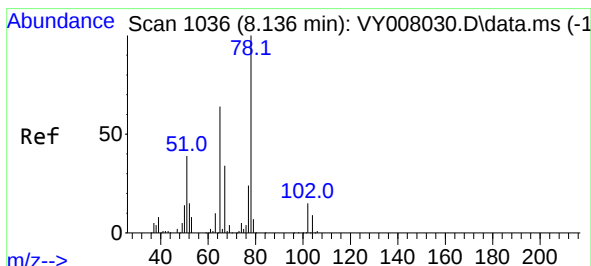
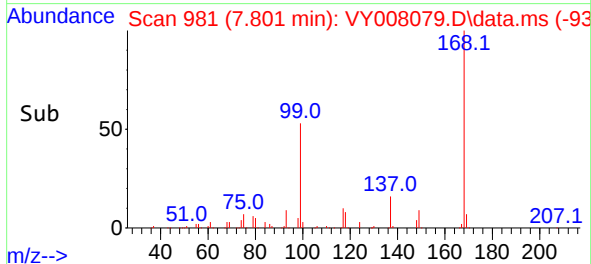
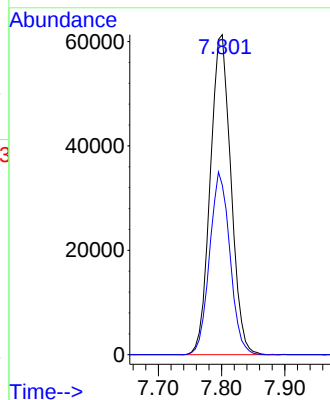
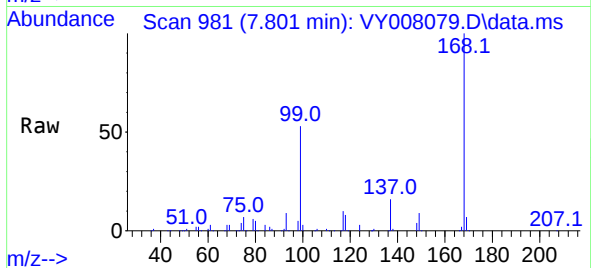




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

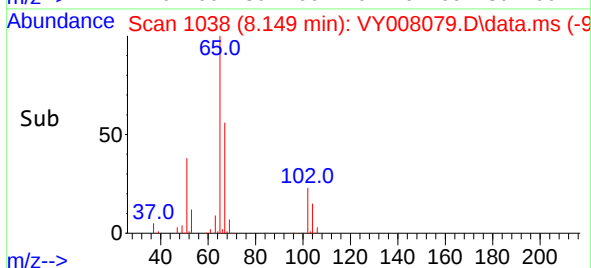
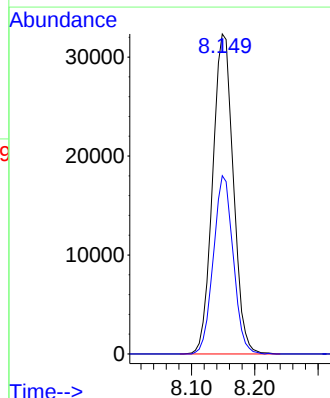
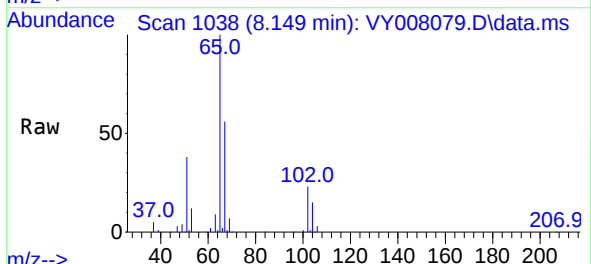
Instrument :
MSVOA_Y
ClientSampleId :
VY0329SBL01

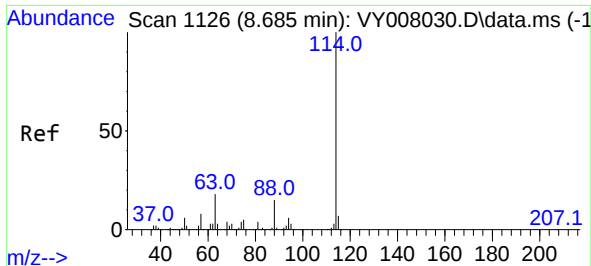
Tgt Ion:168 Resp: 138915
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.580 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Tgt Ion: 65 Resp: 73282
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

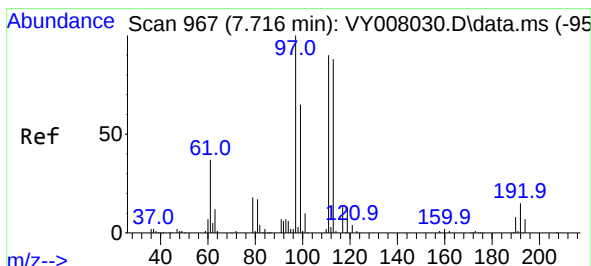
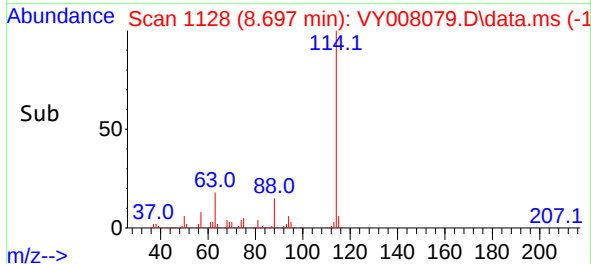
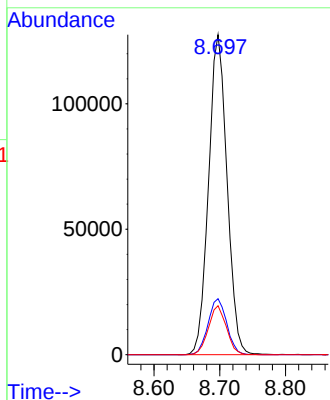
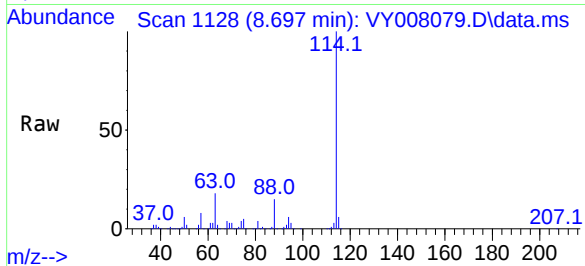




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

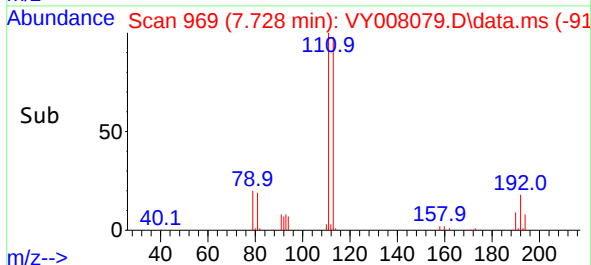
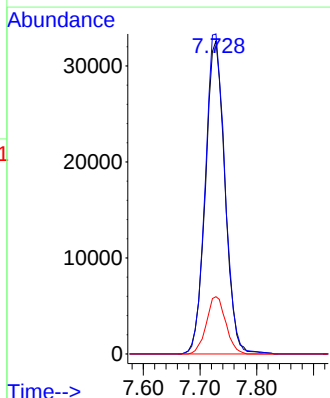
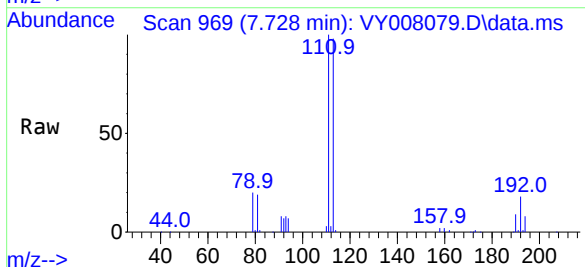
Instrument :
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ClientSampleId :
VY0329SBL01

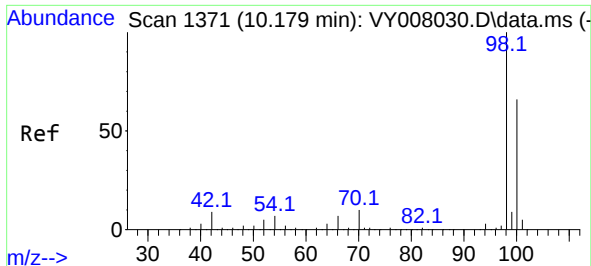
Tgt Ion:114 Resp: 249327
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.790 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Tgt Ion:113 Resp: 77832
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.2 17.6 26.4

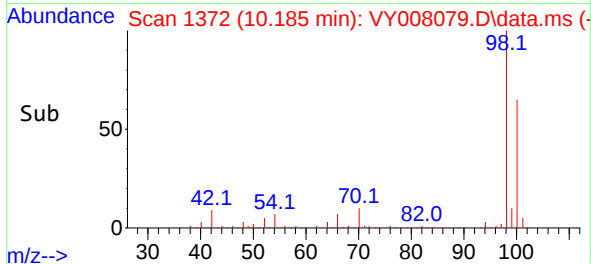
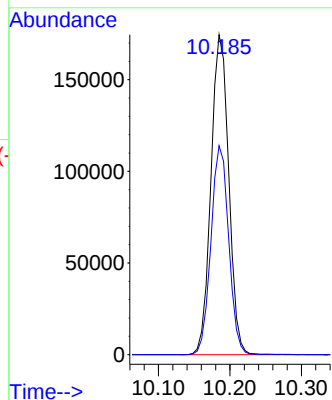
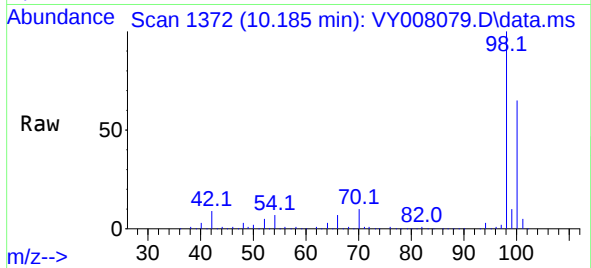




#50
Toluene-d8
Concen: 51.073 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

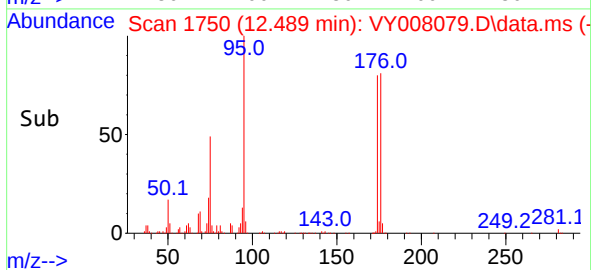
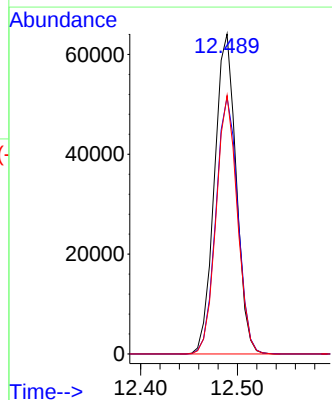
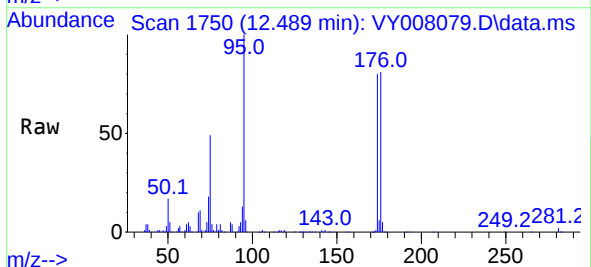
Instrument :
MSVOA_Y
ClientSampleId :
VY0329SBL01

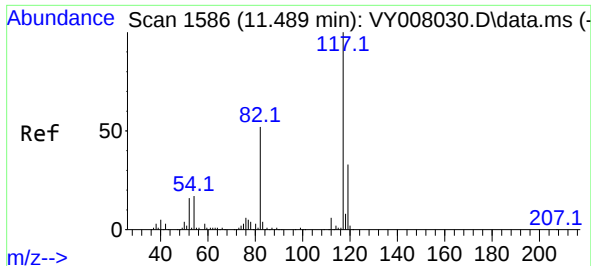
Tgt Ion: 98 Resp: 300789
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.064 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Tgt Ion: 95 Resp: 99867
Ion Ratio Lower Upper
95 100
174 81.1 0.0 177.0
176 78.6 0.0 175.8

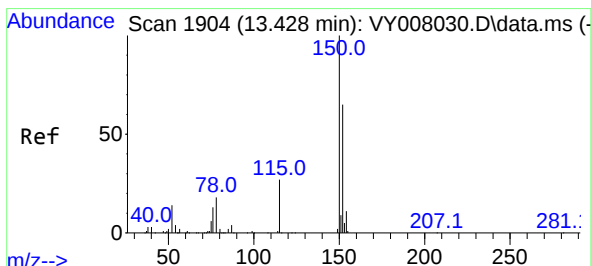
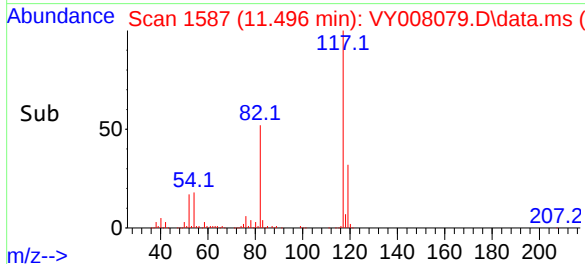
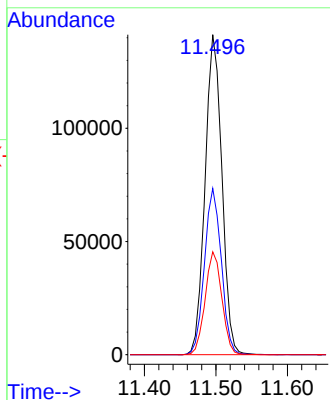
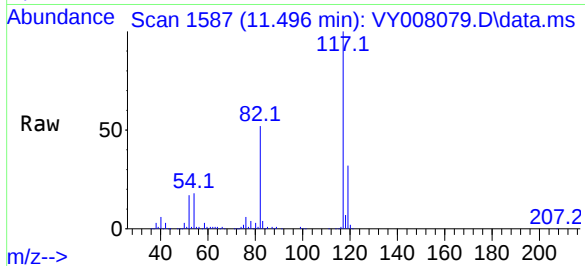




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0329SBL01

Tgt Ion:117 Resp: 230819
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008079.D
Acq: 29 Mar 2022 11:01

Tgt Ion:152 Resp: 98908
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 155.4 0.0 347.6

