

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009296.D
 Acq On : 23 Jun 2022 15:51
 Operator : KP/MD
 Sample : N3462-01
 Misc : 3.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-0-2-20220622

Quant Time: Jun 24 09:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145987	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117348	54.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.120%
35) Dibromofluoromethane	7.716	113	106974	48.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.179	98	408787	47.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.477	95	138871	46.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.420%

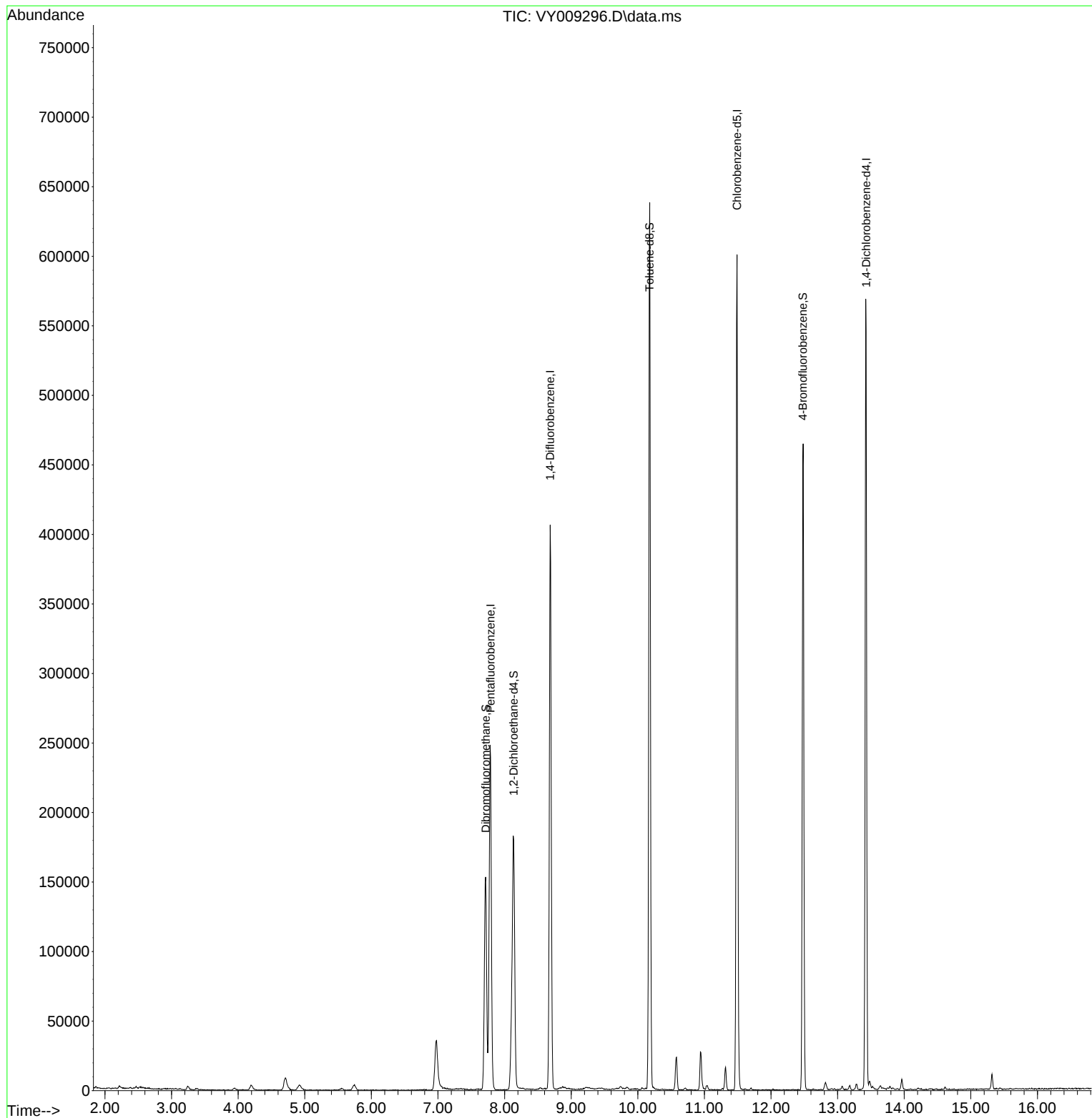
Target Compounds	Qvalue

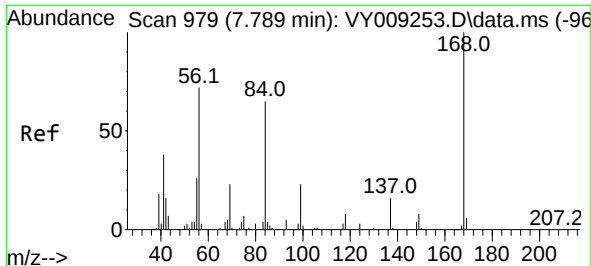
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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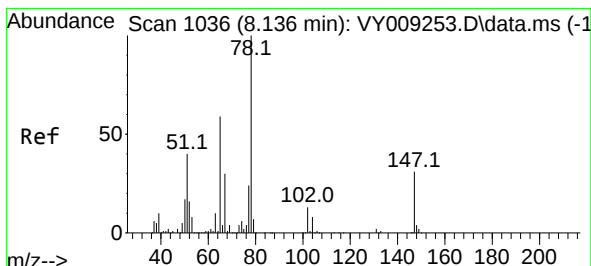
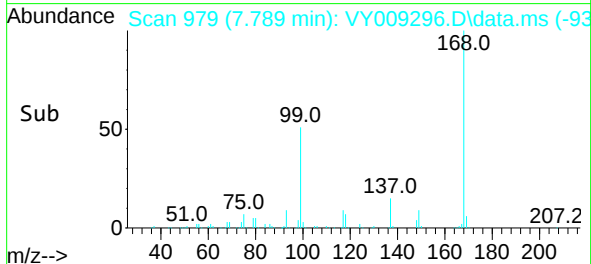
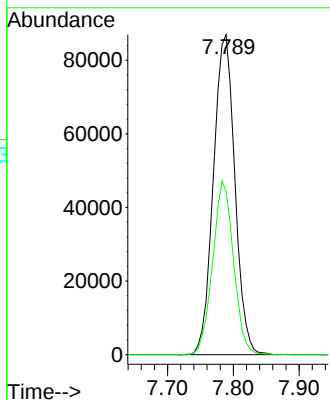
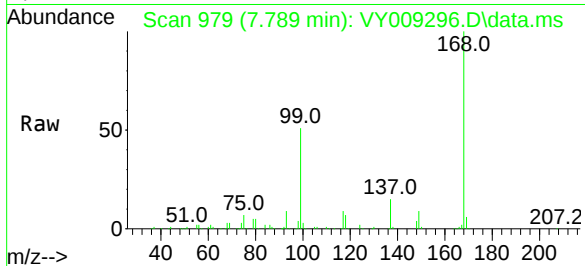




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

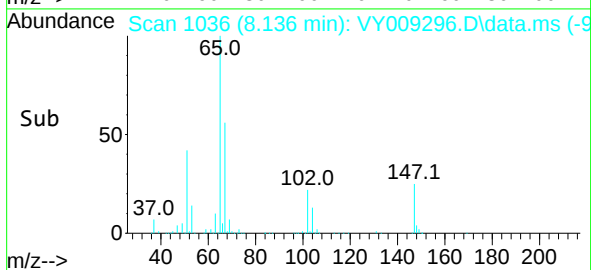
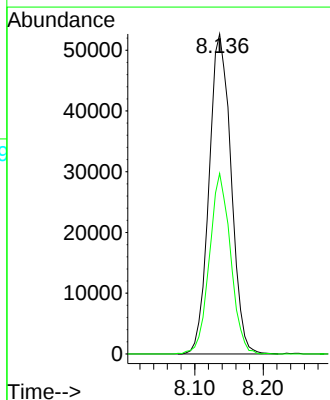
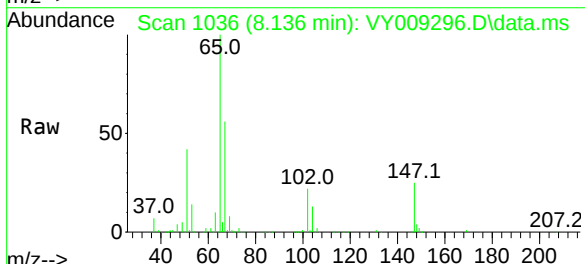
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-0-2-20220622

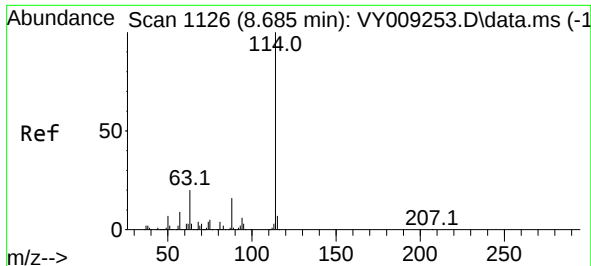
Tgt Ion:168 Resp: 197644
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.061 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 65 Resp: 117348
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

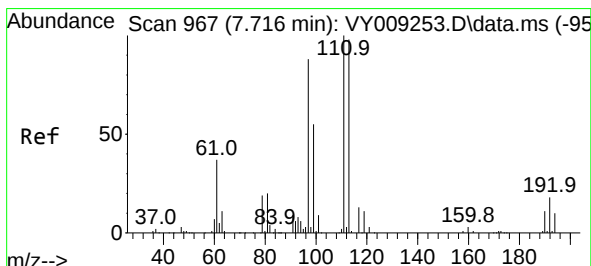
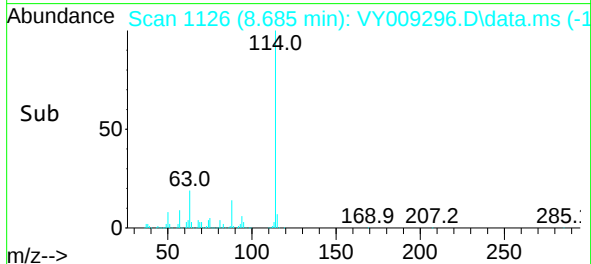
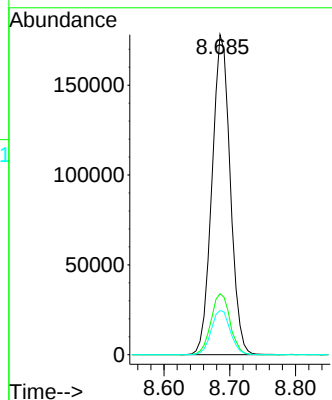
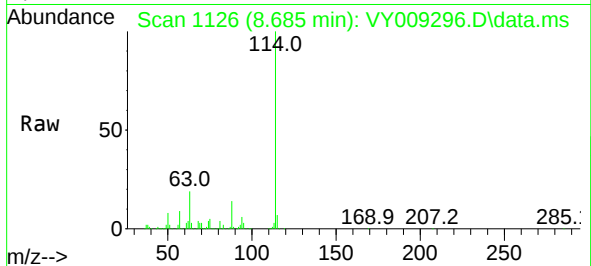




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

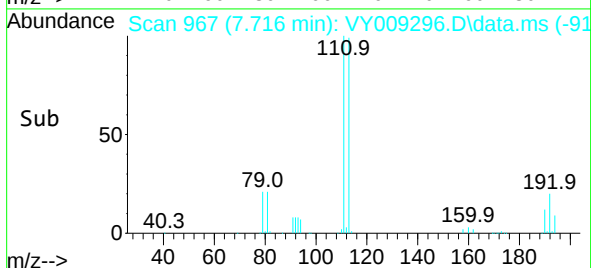
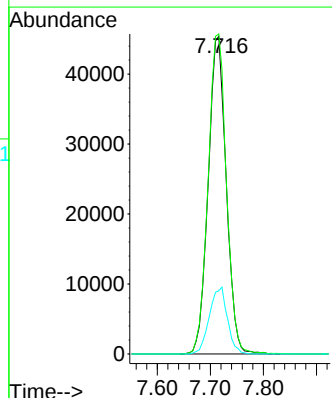
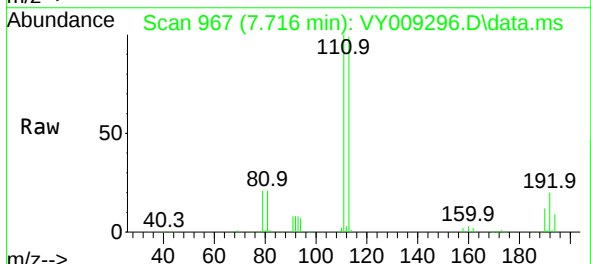
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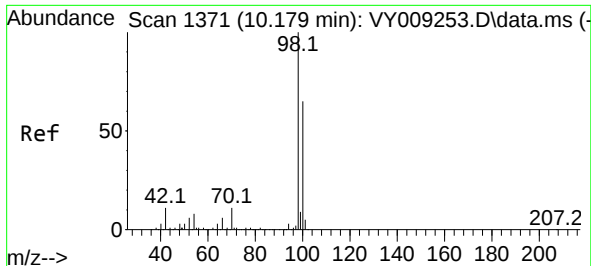
Tgt Ion:114 Resp: 343732
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 13.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.055 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion:113 Resp: 106974
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.0 17.6 26.4

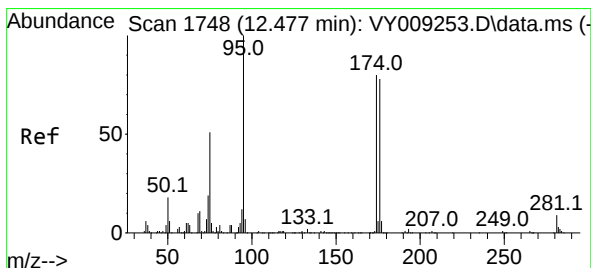
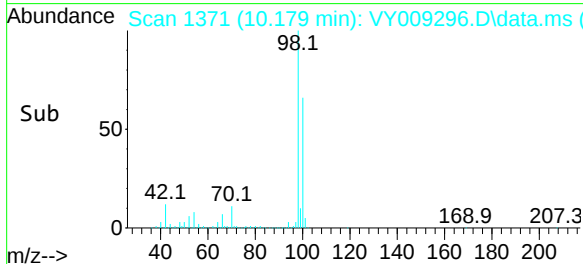
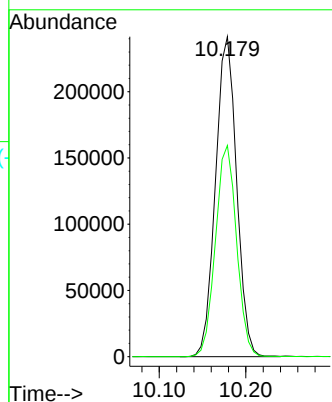
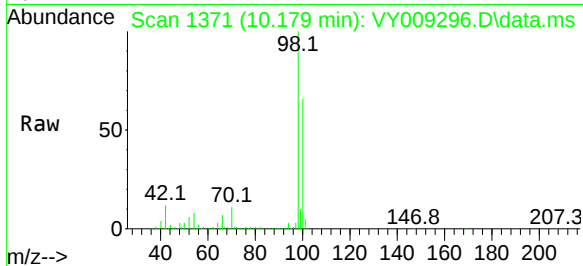




#50
Toluene-d8
Concen: 47.803 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

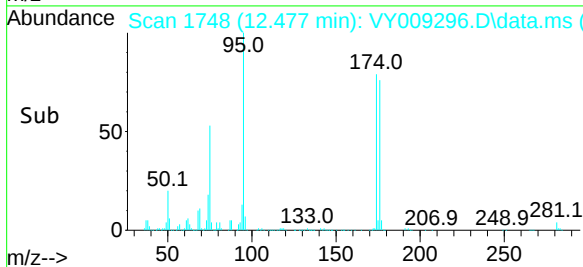
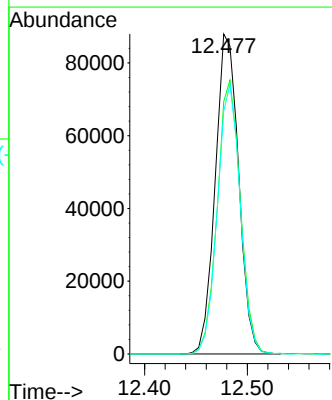
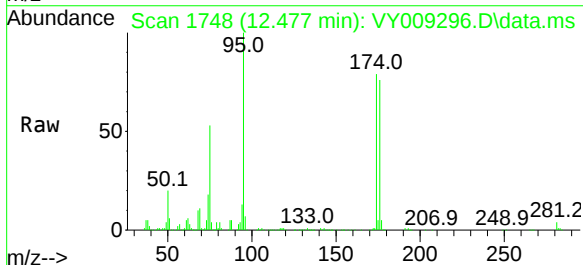
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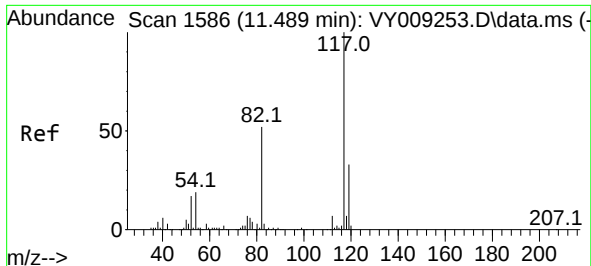
Tgt Ion: 98 Resp: 408787
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.215 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 95 Resp: 138871
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 82.0 0.0 175.8

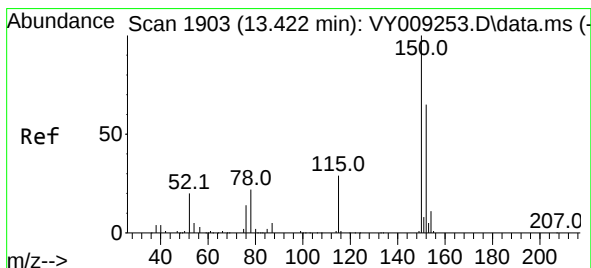
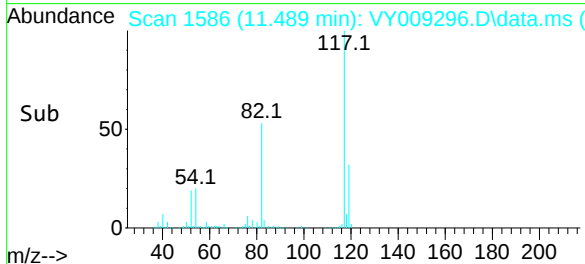
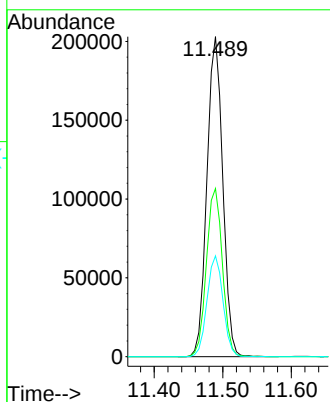
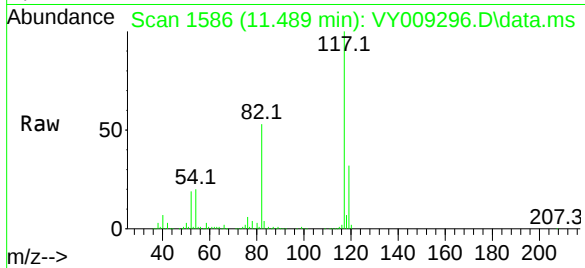




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 326580
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion:152 Resp: 145987
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 156.1 0.0 347.6

