

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010160.D
 Acq On : 23 Aug 2022 13:12
 Operator : KP/MD
 Sample : VY0823SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBL01

Quant Time: Aug 24 04:31:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	204978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	92609	55.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.716	113	101580	53.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.740%
50) Toluene-d8	10.179	98	321941	45.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.280%
62) 4-Bromofluorobenzene	12.483	95	120149	47.154	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.300%

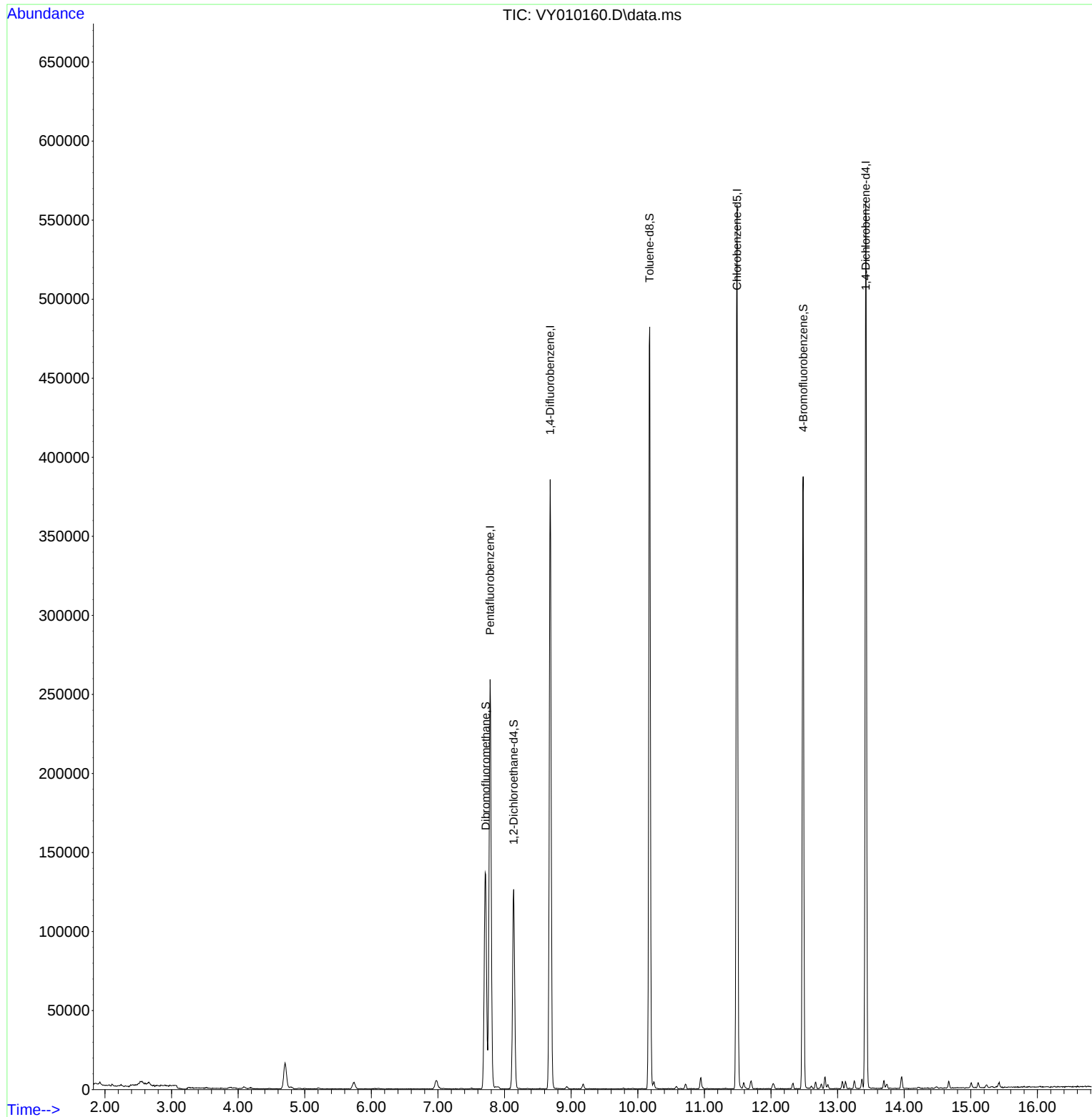
Target Compounds	Qvalue

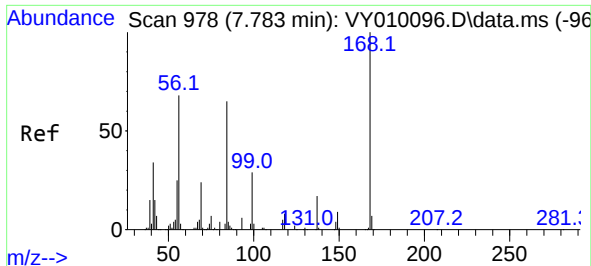
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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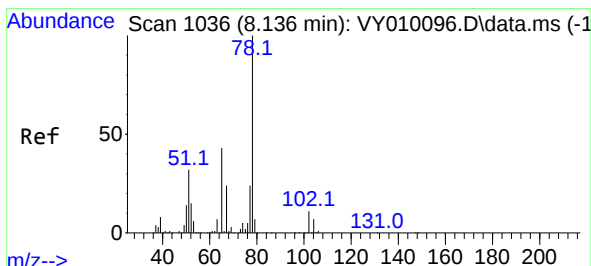
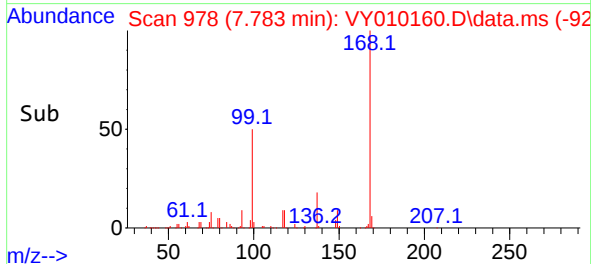
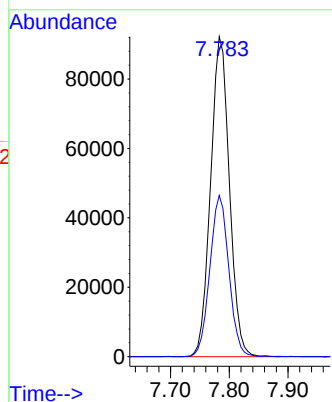
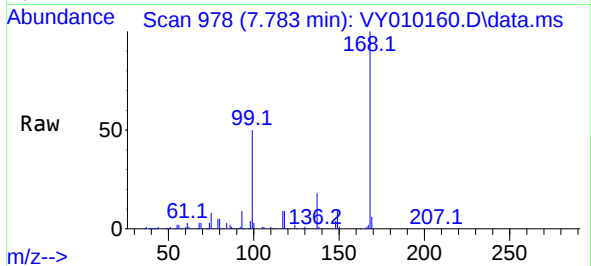




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

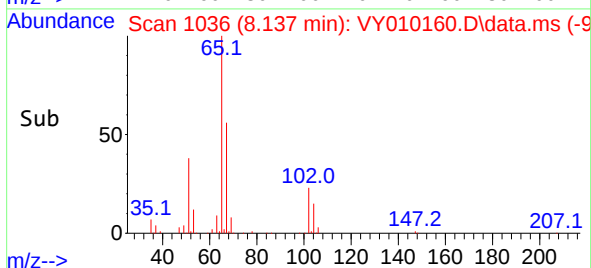
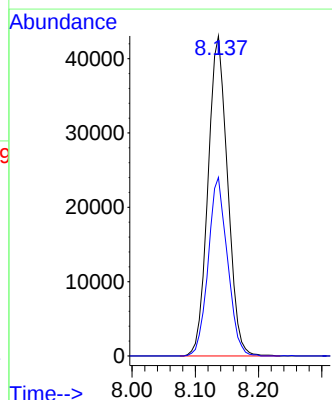
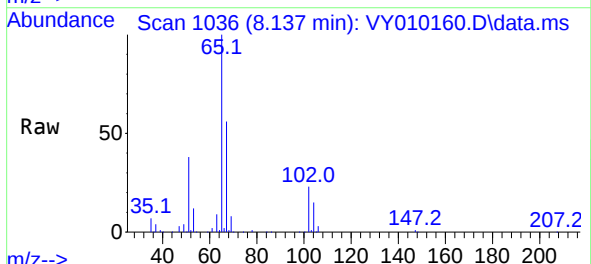
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

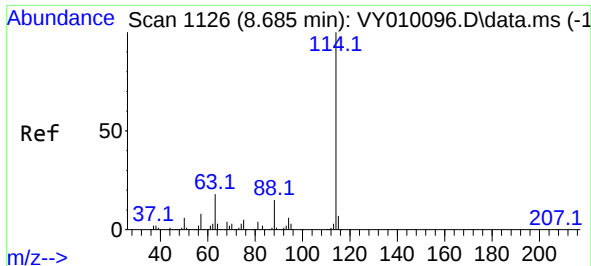
Tgt Ion:168 Resp: 204978
Ion Ratio Lower Upper
168 100
99 50.4 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 55.158 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Tgt Ion: 65 Resp: 92609
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.6

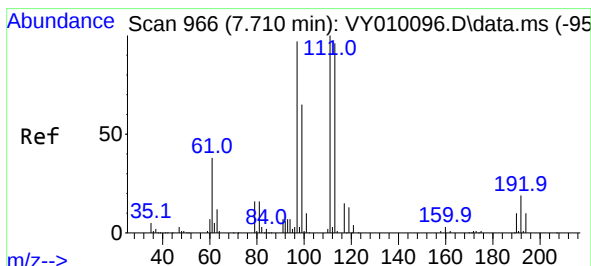
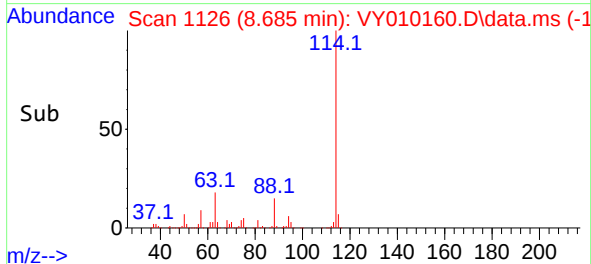
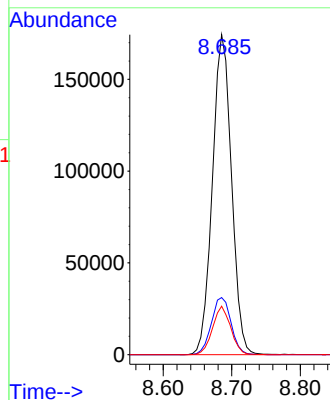
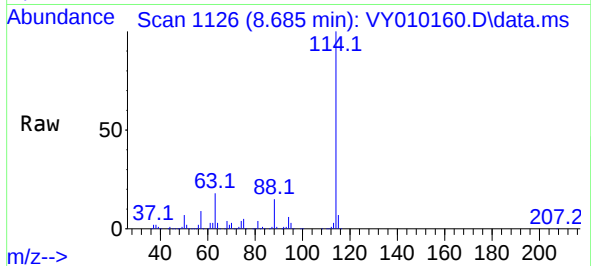




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

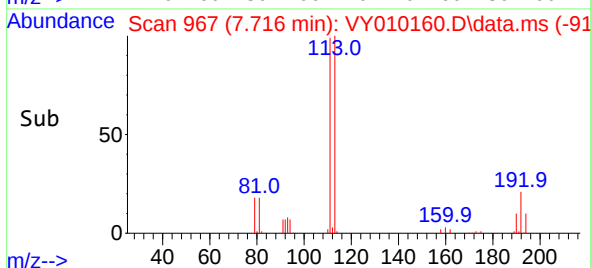
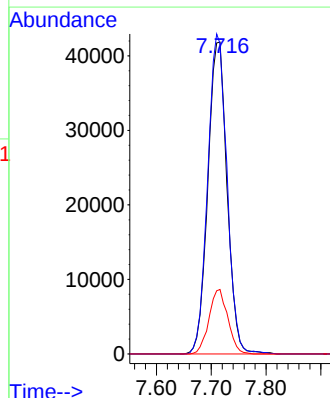
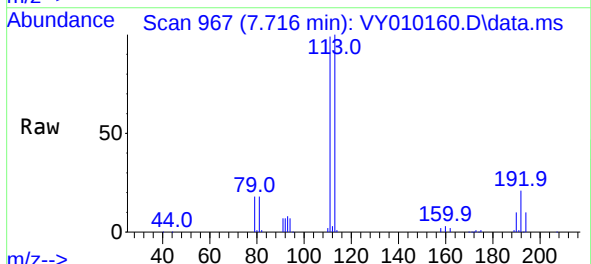
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

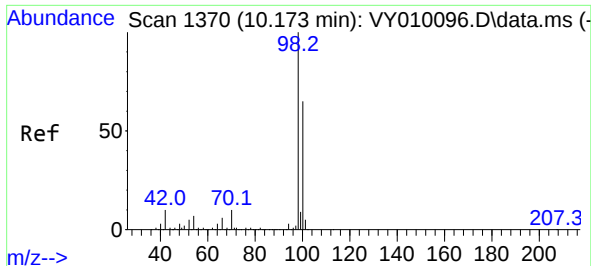
Tgt Ion:114 Resp: 337754
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.6
88 15.2 0.0 29.6



#35
Dibromofluoromethane
Concen: 53.374 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Tgt Ion:113 Resp: 101580
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.3 16.3 24.5

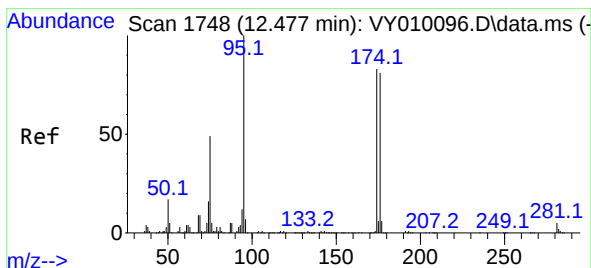
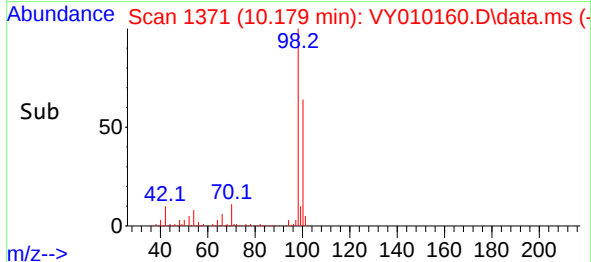
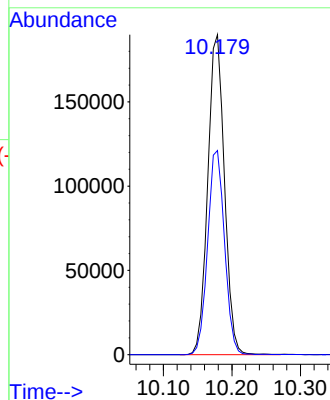
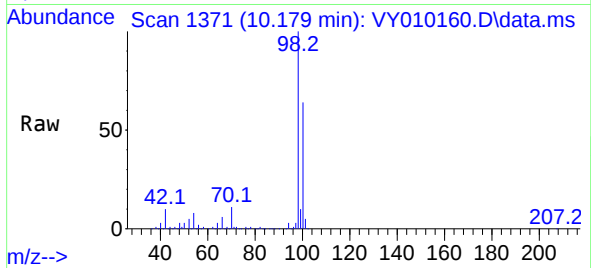




#50
Toluene-d8
Concen: 45.144 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

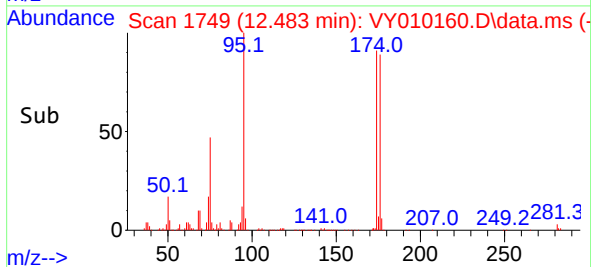
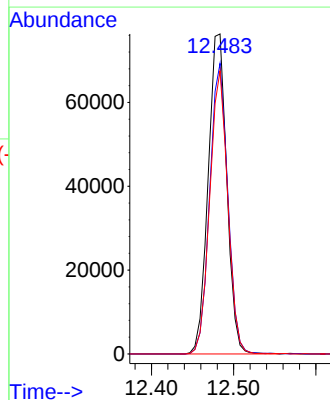
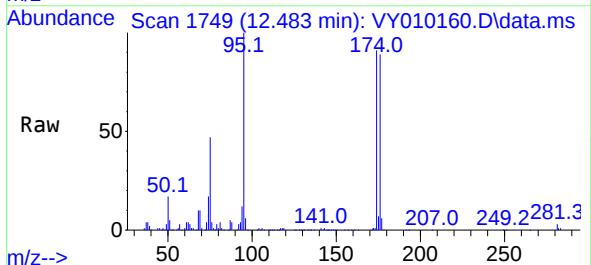
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

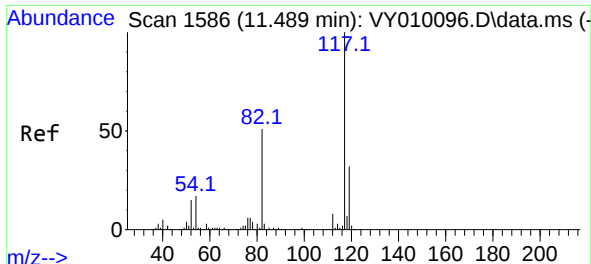
Tgt Ion: 98 Resp: 321941
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.154 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Tgt Ion: 95 Resp: 120149
Ion Ratio Lower Upper
95 100
174 88.2 0.0 173.8
176 85.6 0.0 167.2

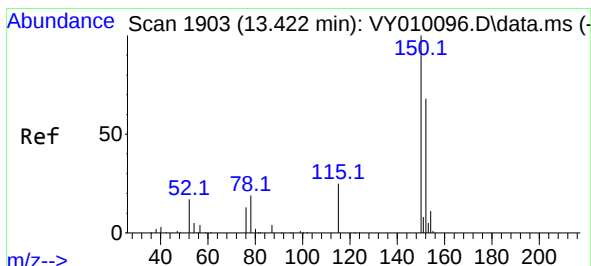
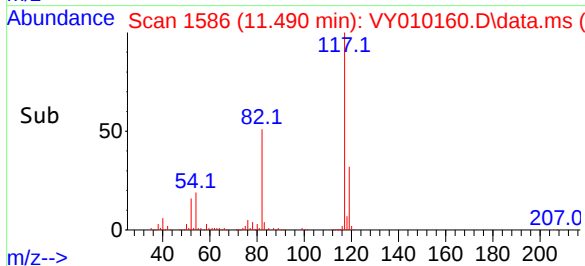
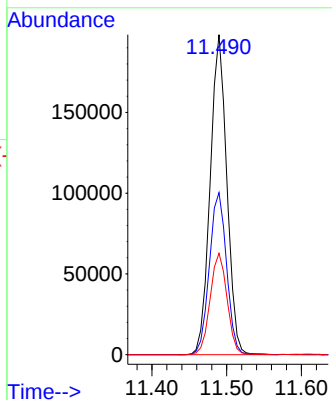
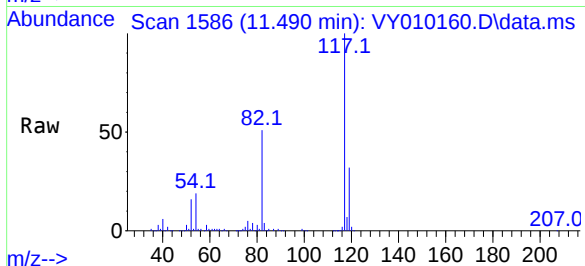




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBL01

Tgt Ion:117 Resp: 306924
Ion Ratio Lower Upper
117 100
82 50.7 40.6 61.0
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010160.D
Acq: 23 Aug 2022 13:12

Tgt Ion:152 Resp: 150105
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 156.7 0.0 346.2

