

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007615.D
 Acq On : 24 Feb 2022 11:16
 Operator : SY/MD
 Sample : VY0224SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBL01

Quant Time: Feb 25 05:41:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	74822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	40084	48.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.320%
35) Dibromofluoromethane	7.716	113	39654	52.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.179	98	140854	50.095	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.483	95	51374	53.470	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.940%

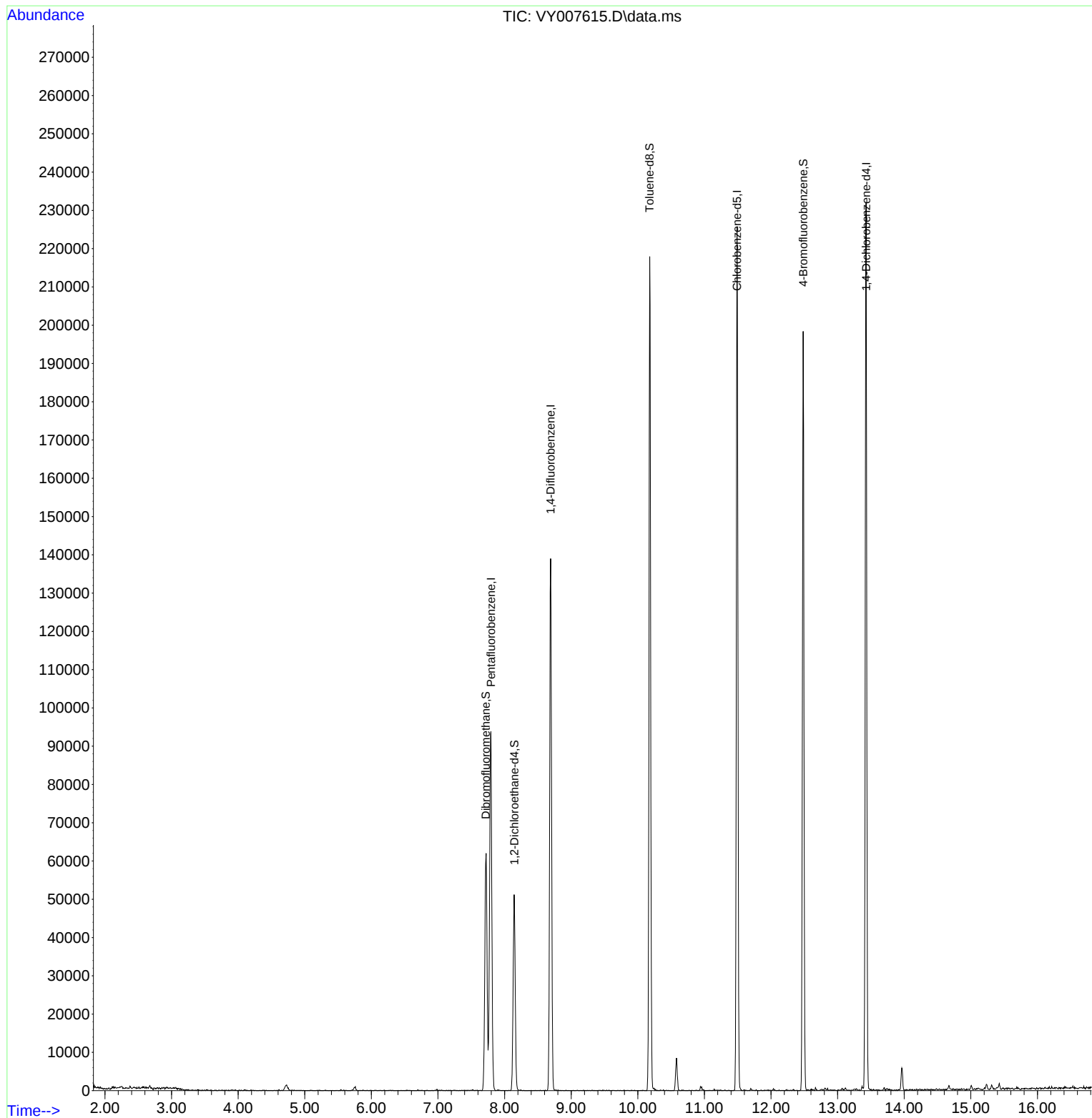
Target Compounds	Qvalue

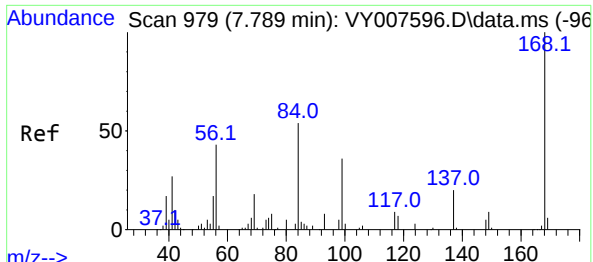
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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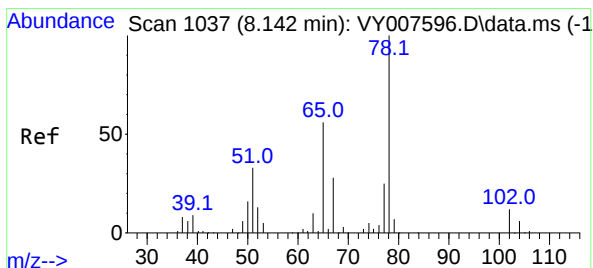
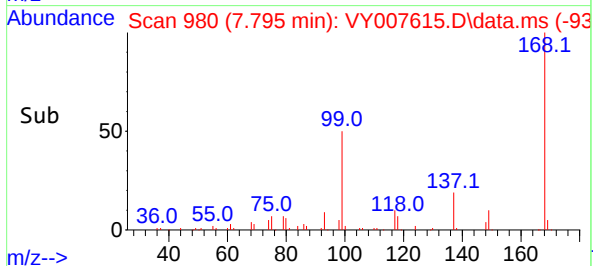
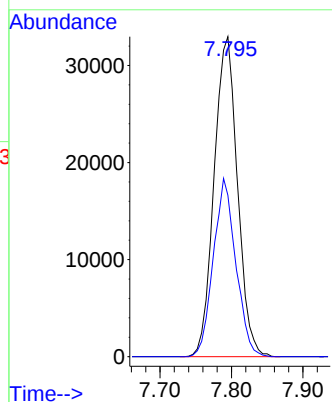
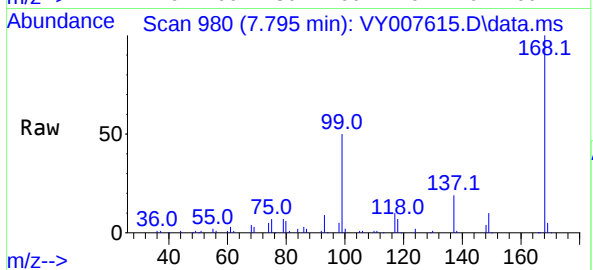




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

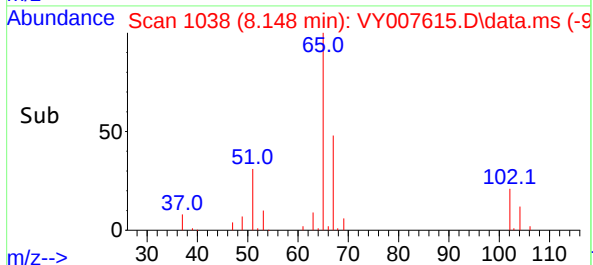
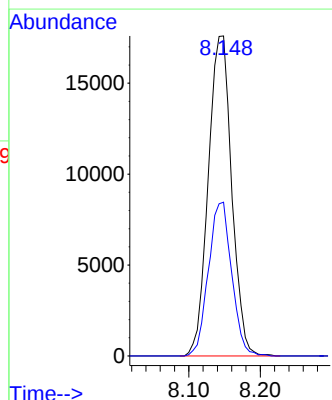
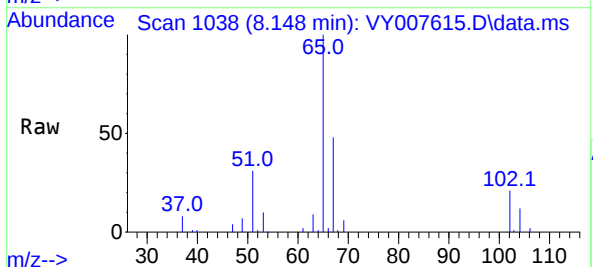
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBL01

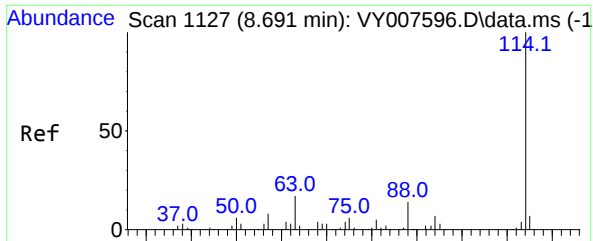
Tgt Ion:168 Resp: 74822
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.157 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion: 65 Resp: 40084
Ion Ratio Lower Upper
65 100
67 47.7 0.0 99.4

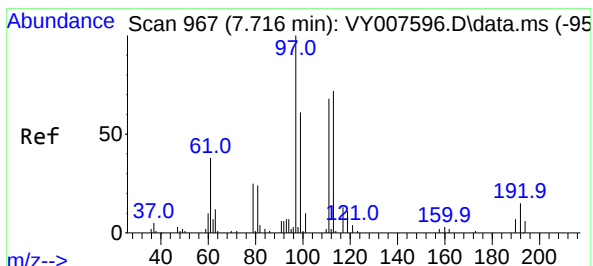
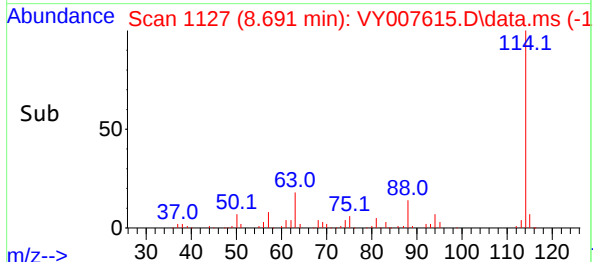
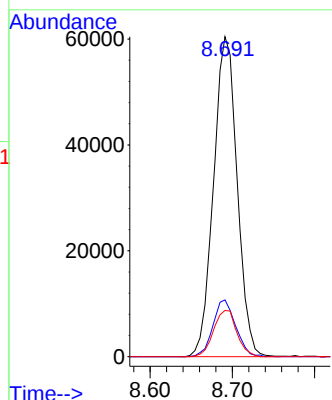
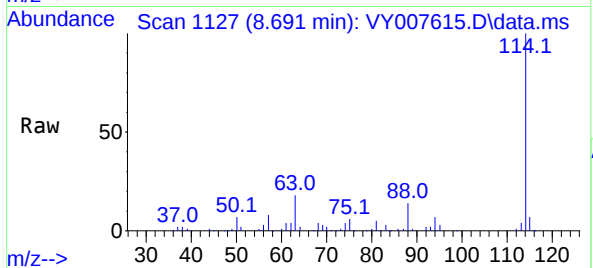




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

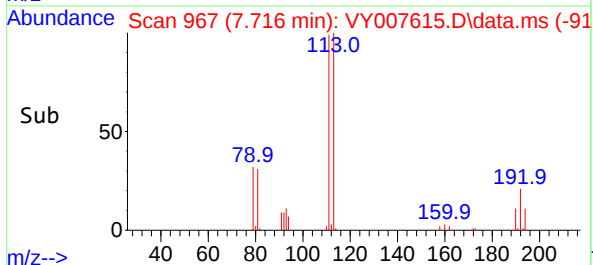
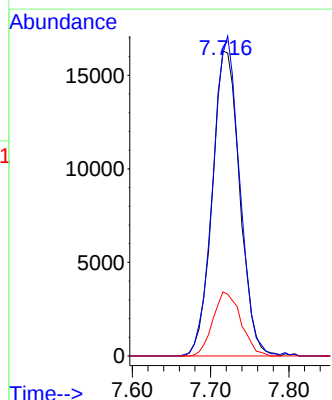
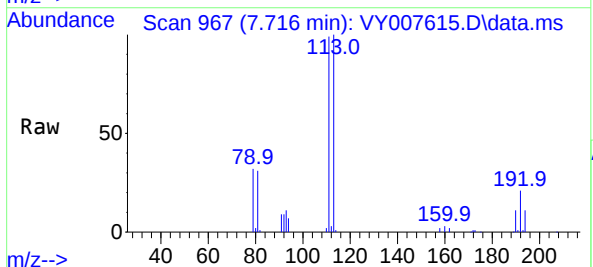
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBL01

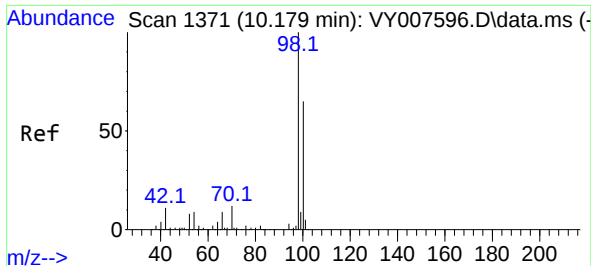
Tgt Ion:114 Resp: 120424
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.186 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion:113 Resp: 39654
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.3 17.6 26.4

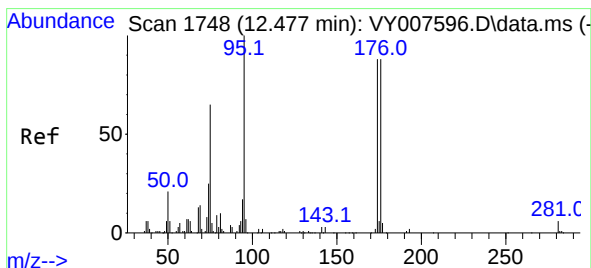
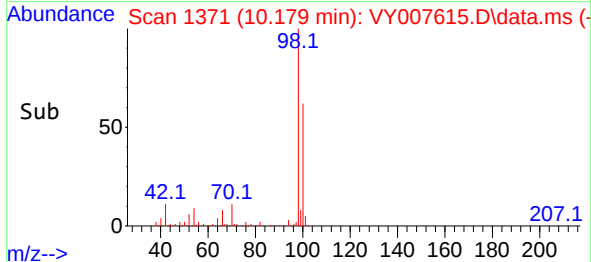
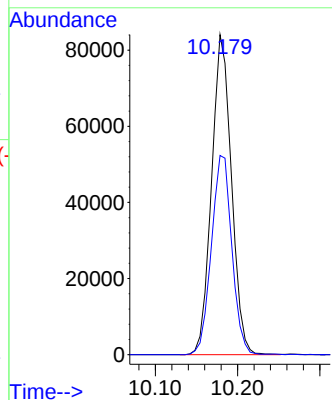
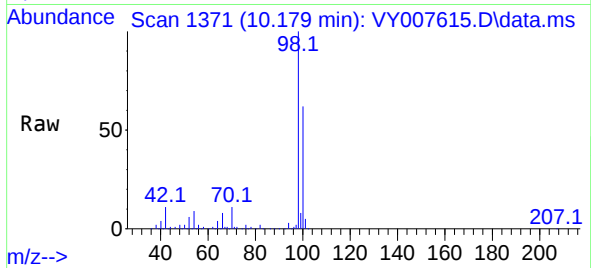




#50
Toluene-d8
Concen: 50.095 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

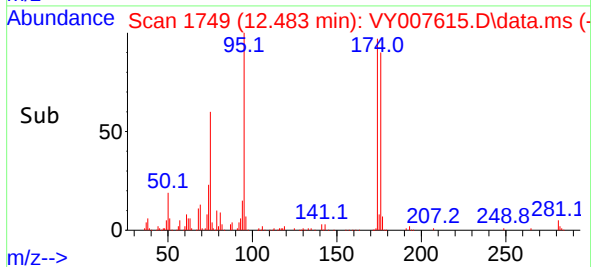
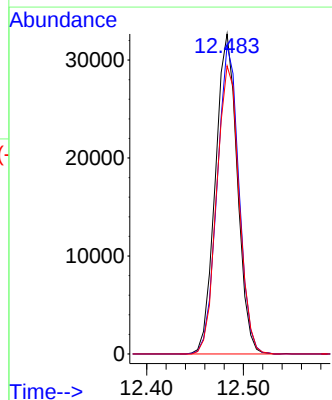
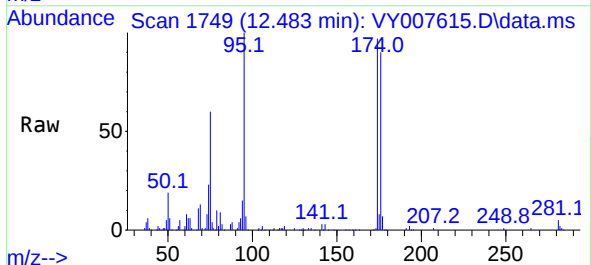
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBL01

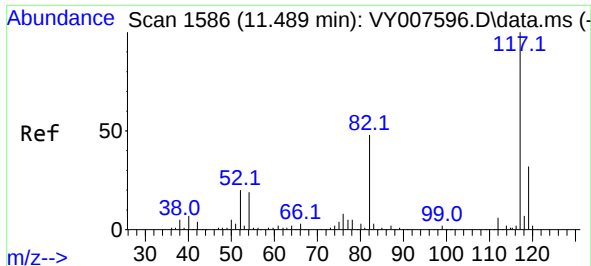
Tgt Ion: 98 Resp: 140854
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.470 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion: 95 Resp: 51374
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.0
176 91.8 0.0 175.8

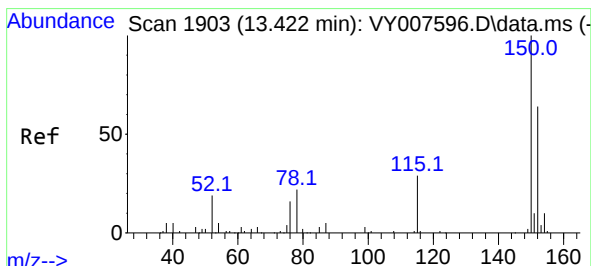
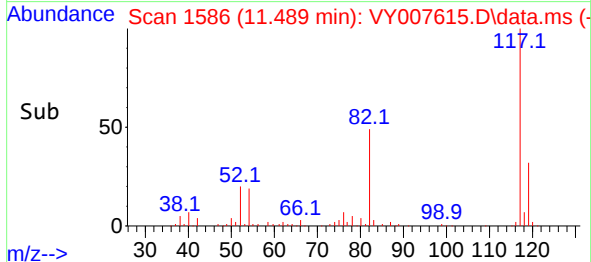
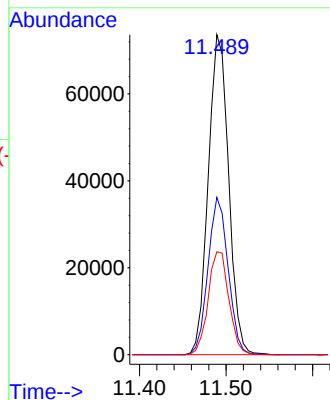
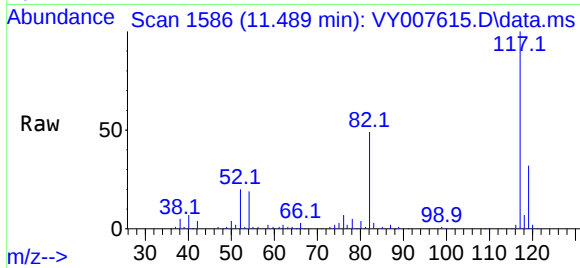




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007615.D
Acq: 24 Feb 2022 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBL01

Tgt Ion:117 Resp: 120258
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 32.2 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: VY007615.D
Acq: 24 Feb 2022 11:16

Tgt Ion:152 Resp: 58522
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.0 0.0 347.6

