

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015150.D
 Acq On : 16 Aug 2023 15:18
 Operator : SY/MD
 Sample : 04003-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-081423RE

Quant Time: Aug 17 05:30:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	19663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	32336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	28515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11300	47.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.740%
35) Dibromofluoromethane	7.710	113	9897	47.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.179	98	37067	47.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.477	95	11320	40.021	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.040%

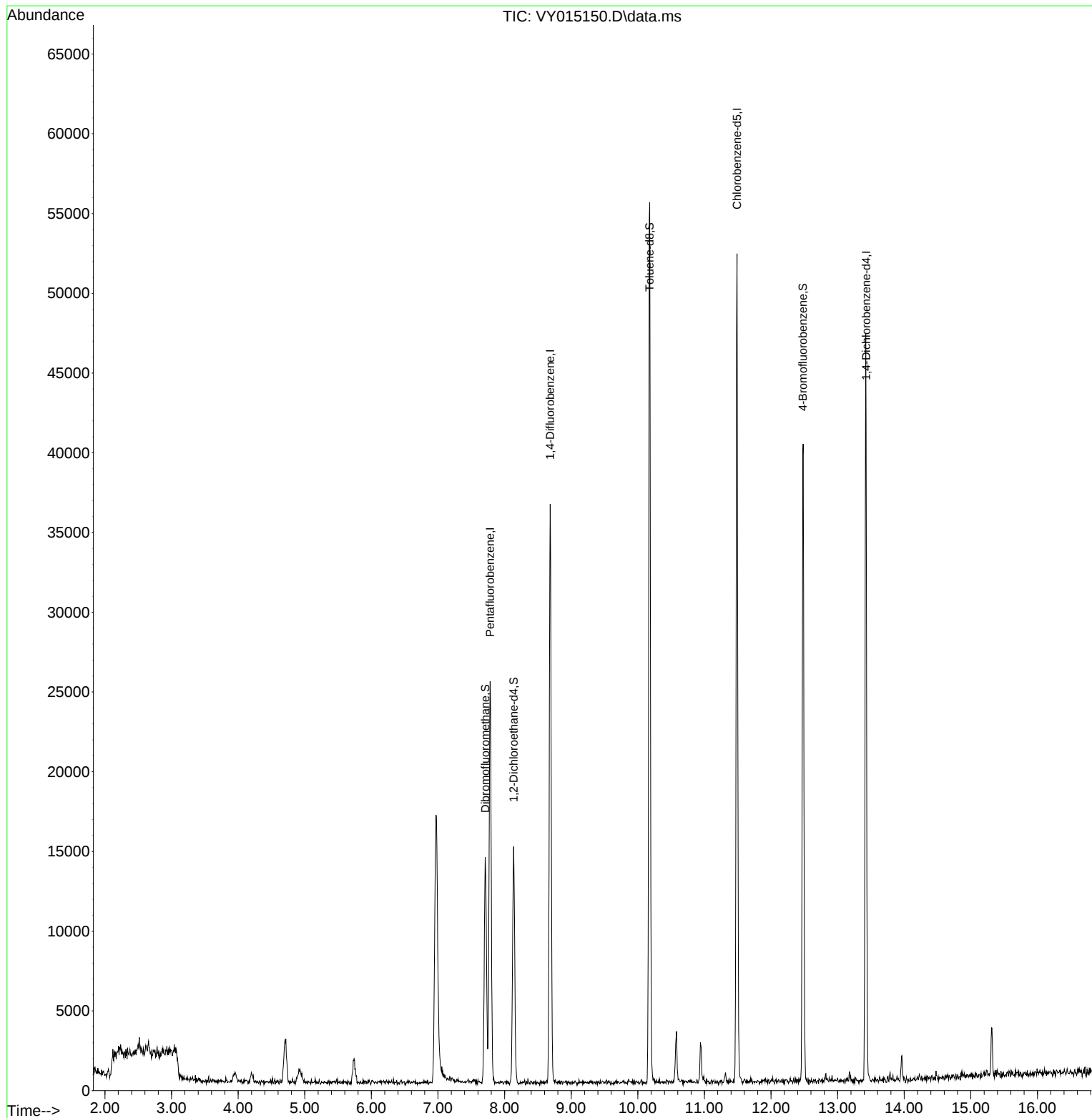
Target Compounds	Qvalue

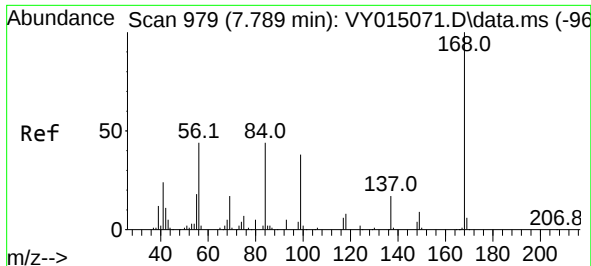
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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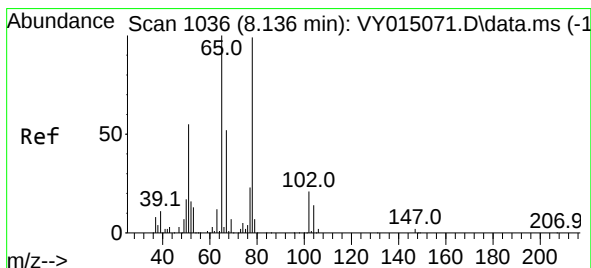
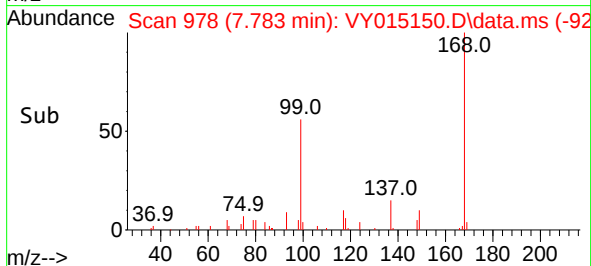
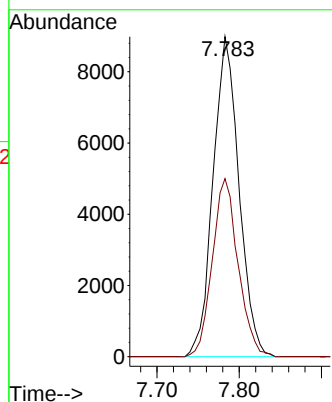
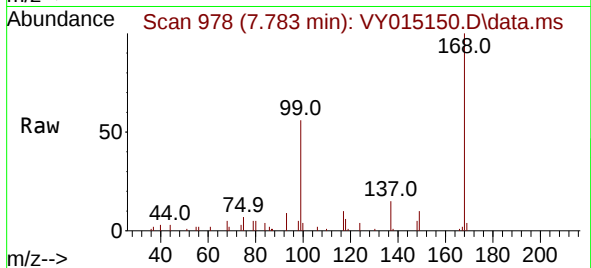




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015150.D
Acq: 16 Aug 2023 15:18

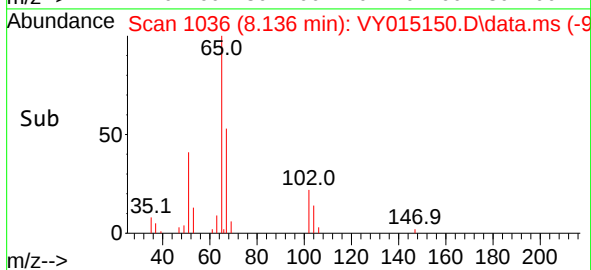
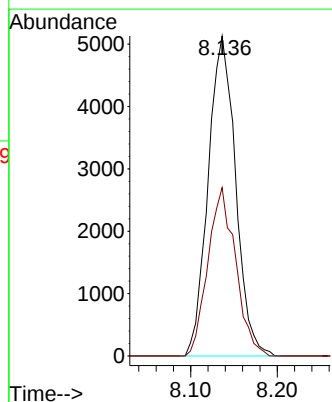
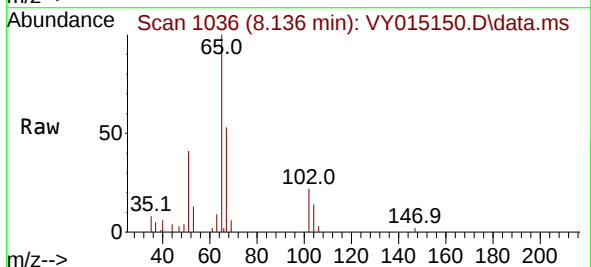
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-081423RE

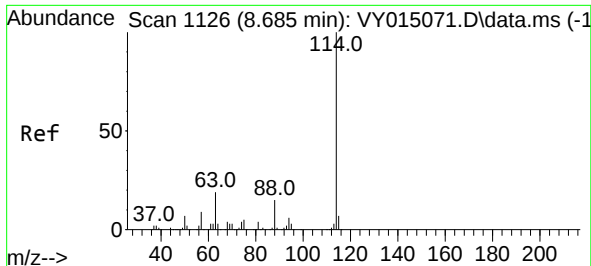
Tgt Ion:168 Resp: 19663
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.874 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015150.D
Acq: 16 Aug 2023 15:18

Tgt Ion: 65 Resp: 11300
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015150.D

Acq: 16 Aug 2023 15:18

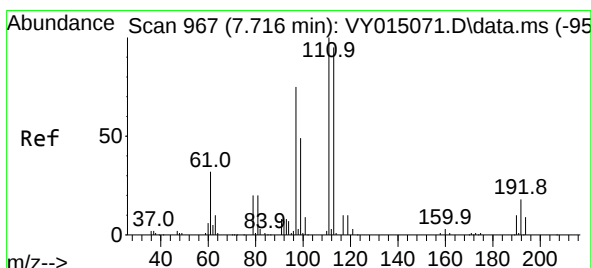
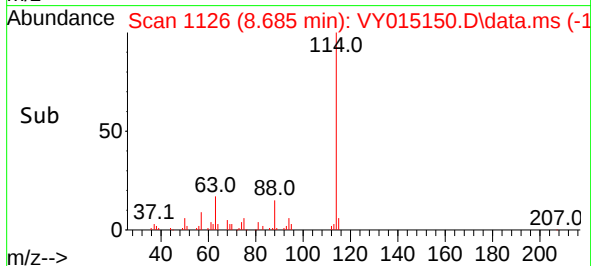
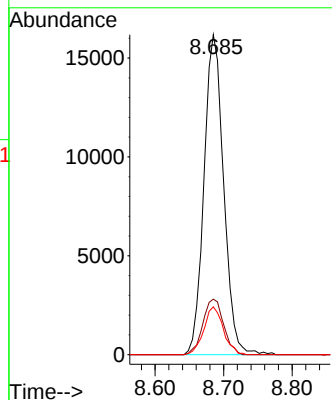
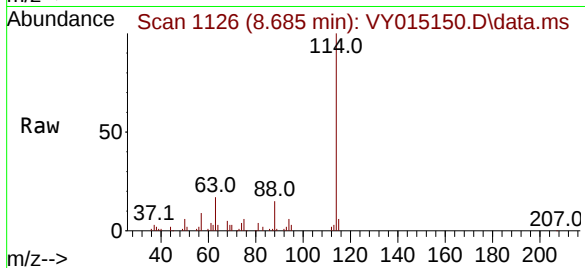
Instrument :

MSVOA_Y

ClientSampleId :

TR-05-081423RE

Tgt Ion:114	Resp:	32336
Ion	Ratio	Lower Upper
114	100	
63	17.4	0.0 42.4
88	15.0	0.0 30.6



#35

Dibromofluoromethane

Concen: 47.575 ug/l

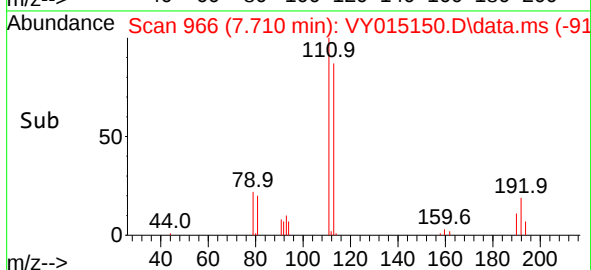
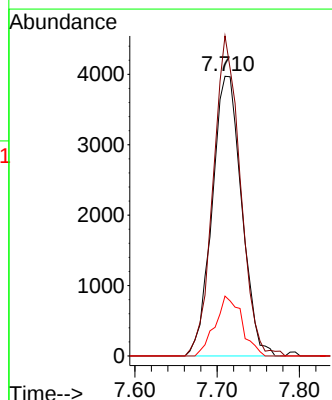
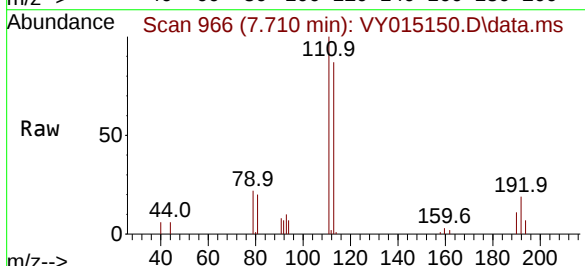
RT: 7.710 min Scan# 966

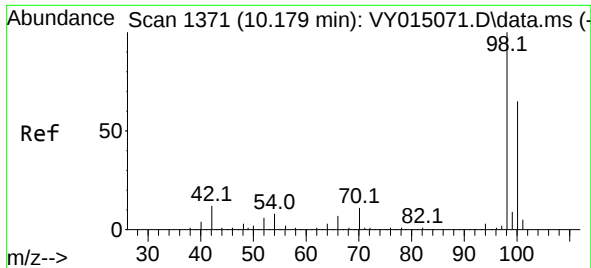
Delta R.T. -0.006 min

Lab File: VY015150.D

Acq: 16 Aug 2023 15:18

Tgt Ion:113	Resp:	9897
Ion	Ratio	Lower Upper
113	100	
111	105.4	81.3 121.9
192	19.5	16.9 25.3

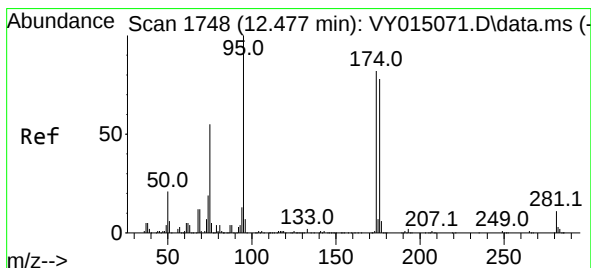
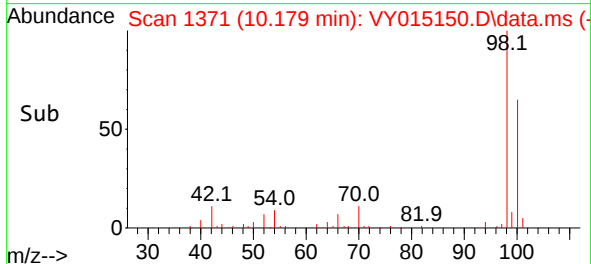
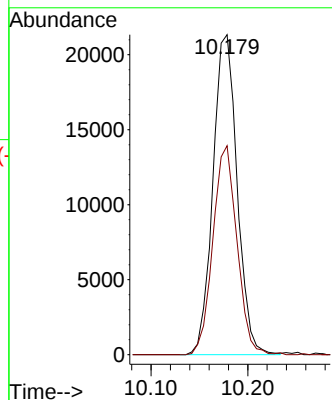
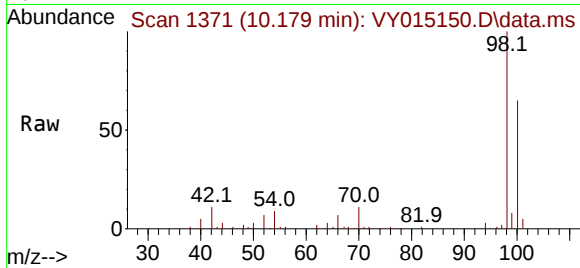




#50
Toluene-d8
Concen: 47.865 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015150.D
Acq: 16 Aug 2023 15:18

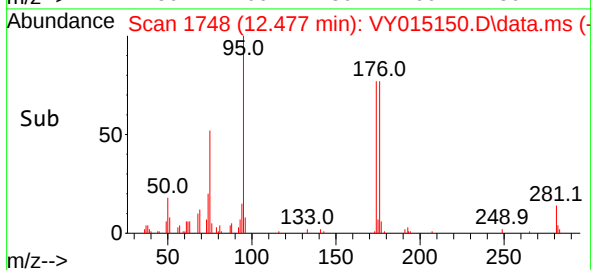
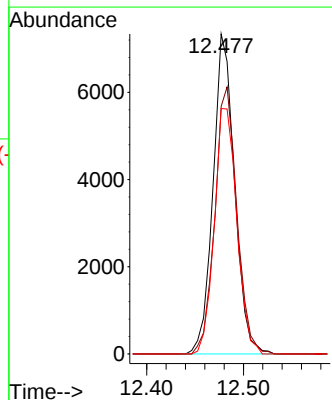
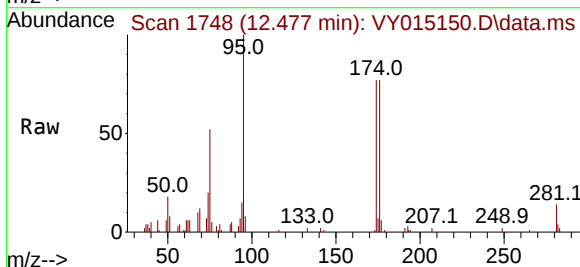
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-081423RE

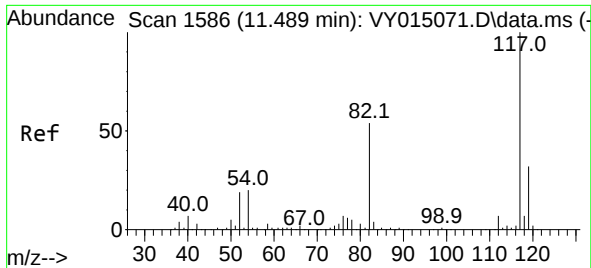
Tgt Ion: 98 Resp: 37067
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.021 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015150.D
Acq: 16 Aug 2023 15:18

Tgt Ion: 95 Resp: 11320
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 80.2 0.0 173.8

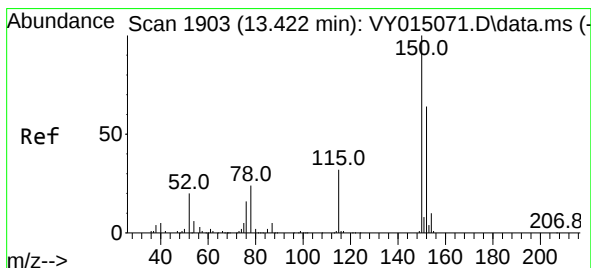
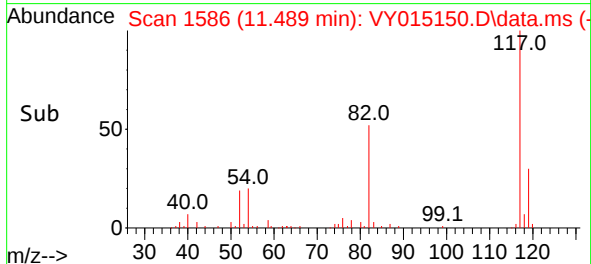
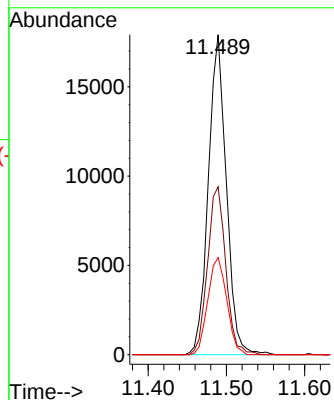
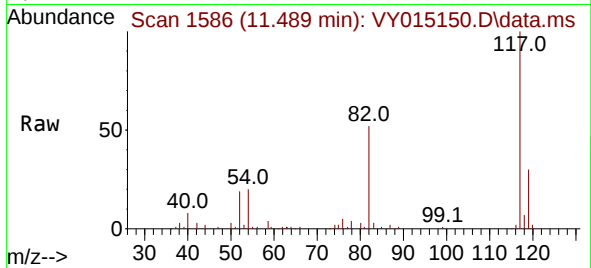




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015150.D
Acq: 16 Aug 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-081423RE

Tgt Ion:117	Resp:	28515
Ion	Ratio	Lower Upper
117	100	
82	52.5	43.4 65.0
119	30.3	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015150.D
Acq: 16 Aug 2023 15:18

Tgt Ion:152	Resp:	11735
Ion	Ratio	Lower Upper
152	100	
115	57.7	28.8 86.5
150	160.5	0.0 348.8

