

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015315.D
 Acq On : 24 Aug 2023 16:31
 Operator : SY/MD
 Sample : 04119-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21153

Quant Time: Aug 25 03:21:03 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	7.789	168	19055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10704	46.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.600%
35) Dibromofluoromethane	7.715	113	9050	48.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.178	98	32938	47.273	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.483	95	9615	37.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.560%

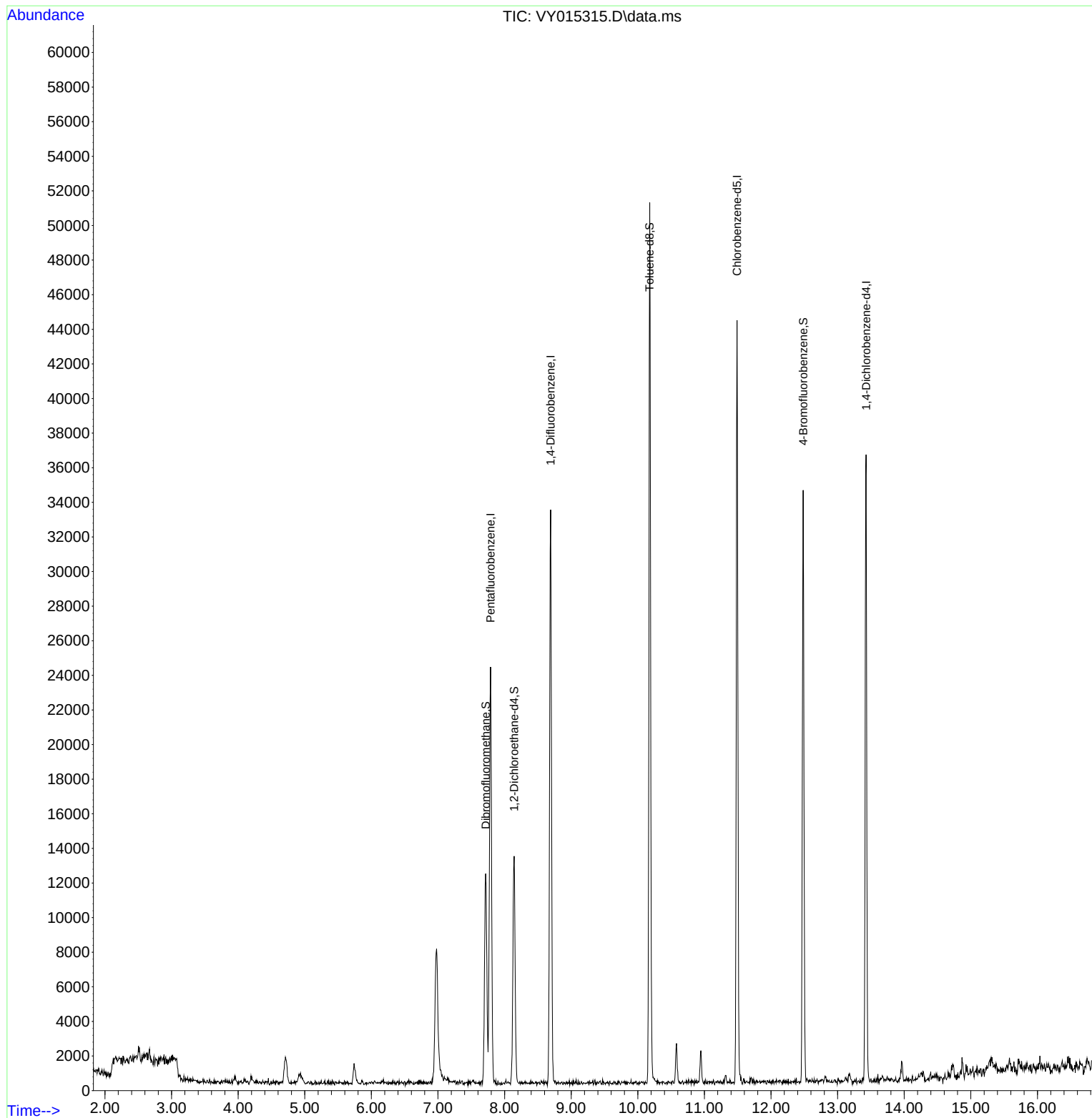
Target Compounds	Qvalue

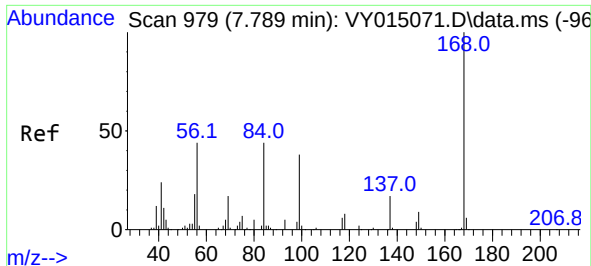
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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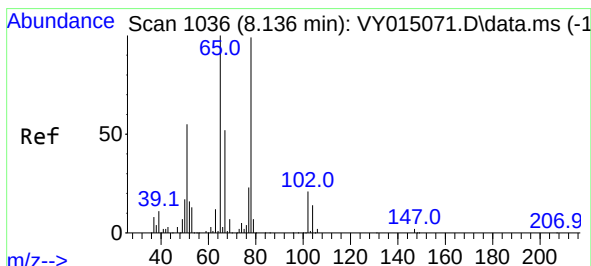
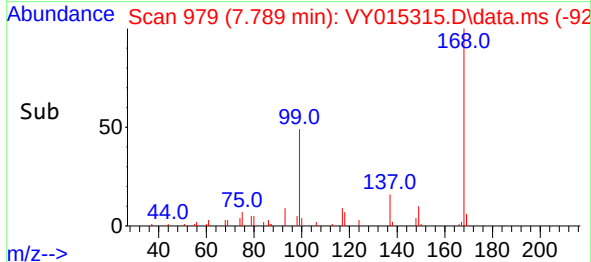
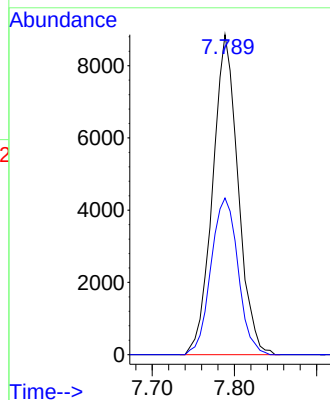
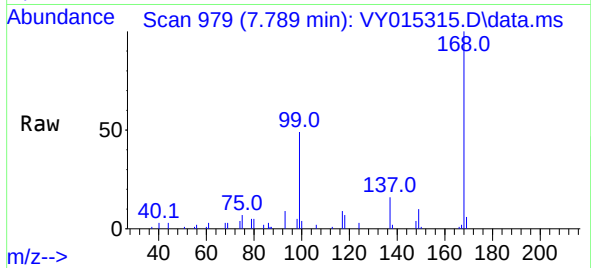




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

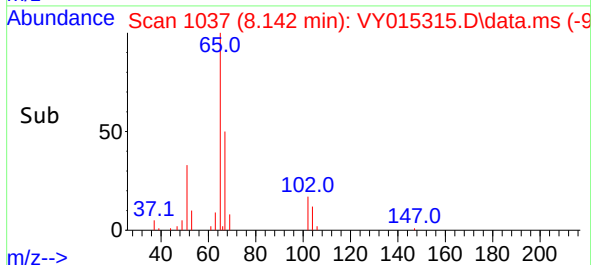
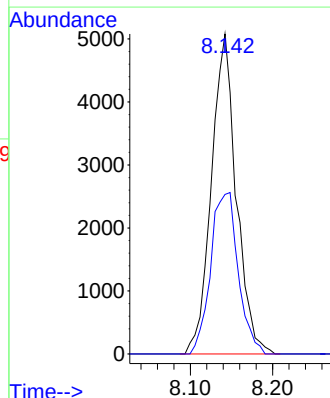
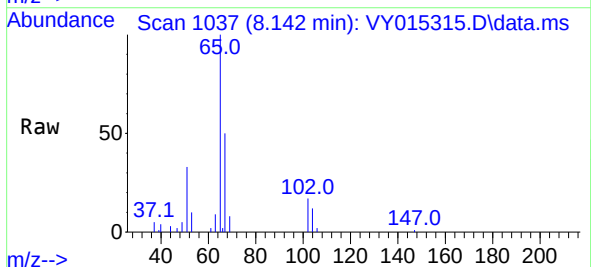
Instrument :
MSVOA_Y
ClientSampleId :
RB21153

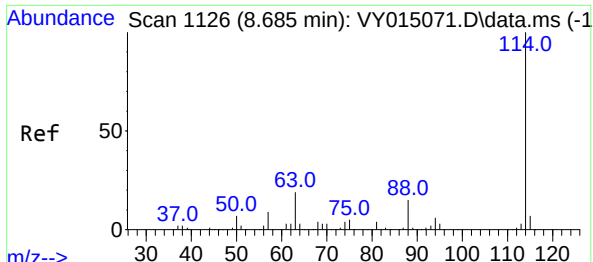
Tgt Ion:168 Resp: 19055
Ion Ratio Lower Upper
168 100
99 48.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 46.796 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion: 65 Resp: 10704
Ion Ratio Lower Upper
65 100
67 55.6 0.0 101.8



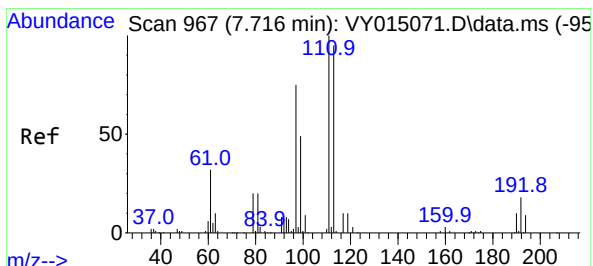
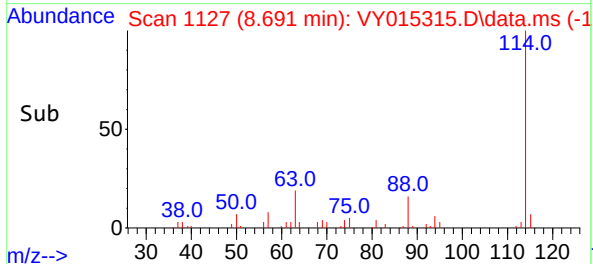
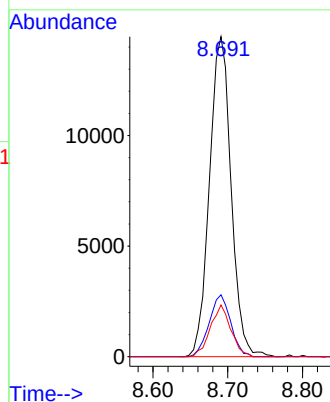
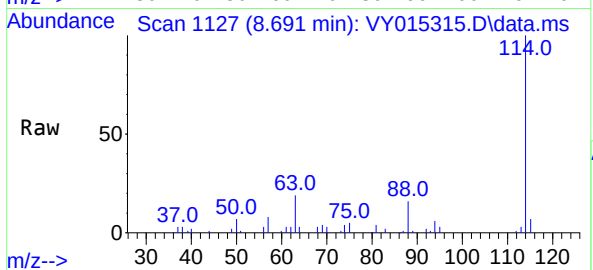


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :
RB21153

Tgt Ion:114 Resp: 29094

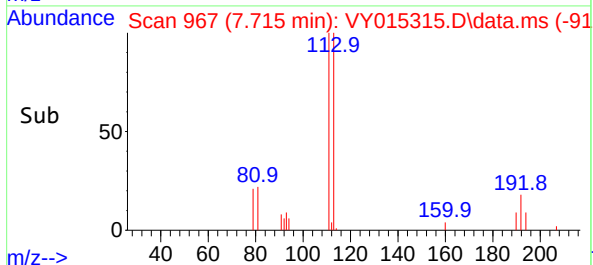
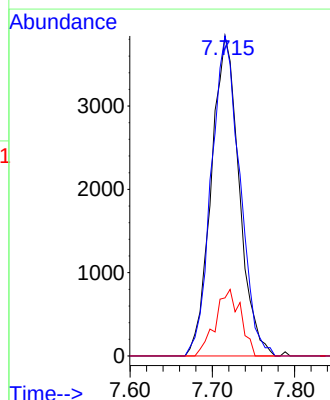
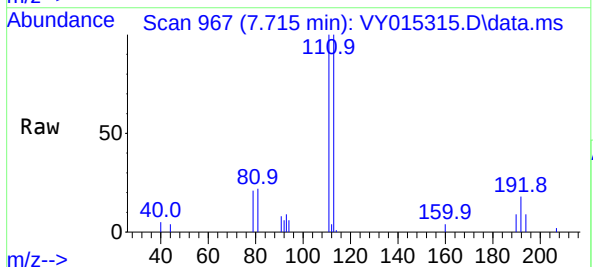
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	16.2	0.0	30.6

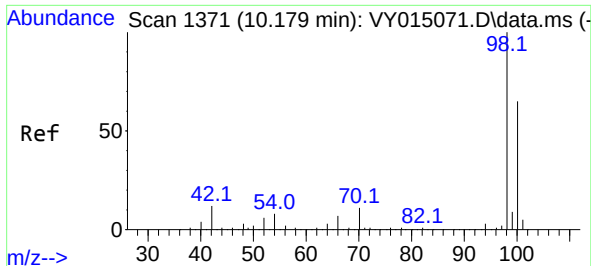


#35
Dibromofluoromethane
Concen: 48.351 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion:113 Resp: 9050

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	18.9	16.9	25.3

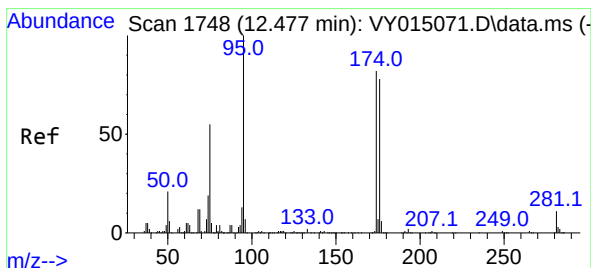
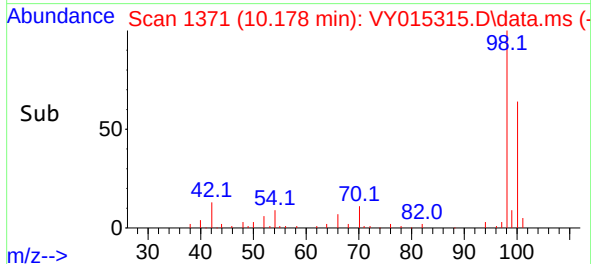
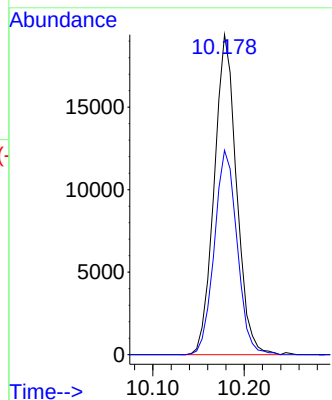
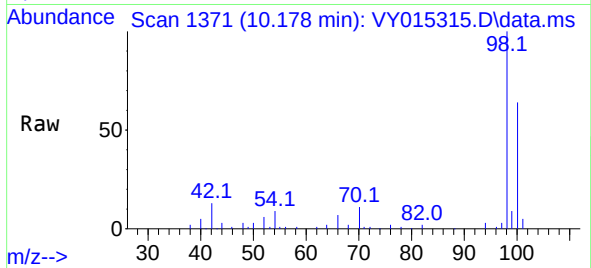




#50
Toluene-d8
Concen: 47.273 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

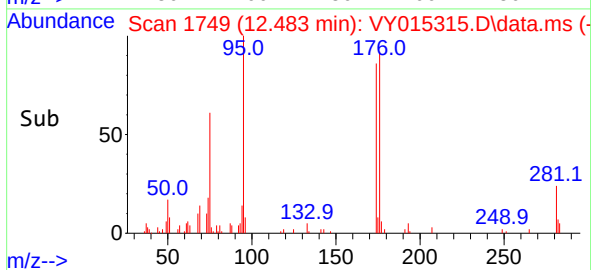
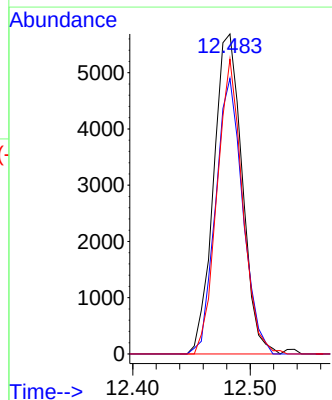
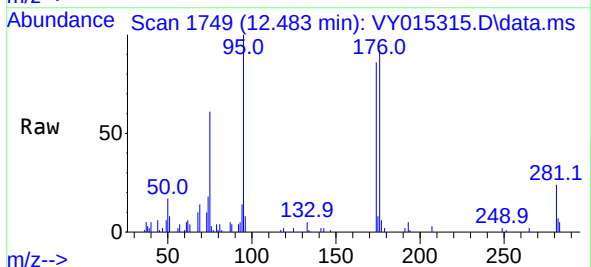
Instrument :
MSVOA_Y
ClientSampleId :
RB21153

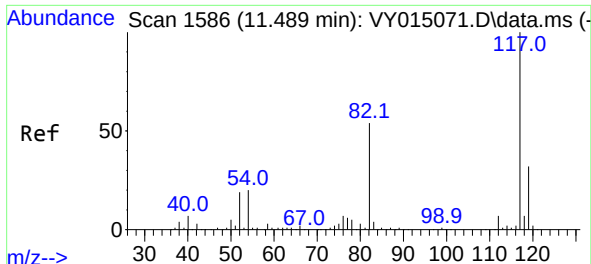
Tgt Ion: 98 Resp: 32938
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion: 95 Resp: 9615
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.2
176 82.2 0.0 173.8

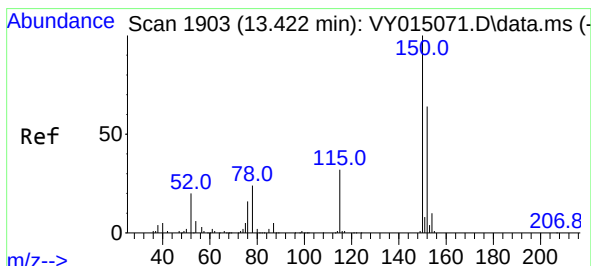
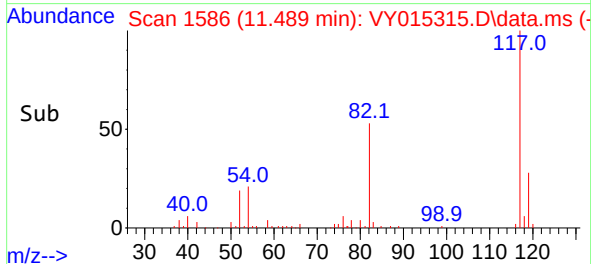
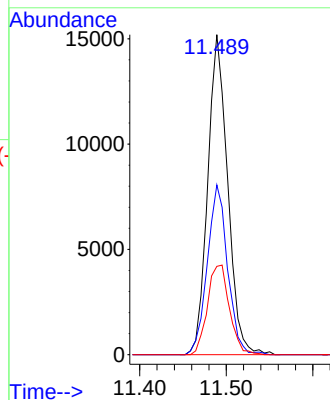
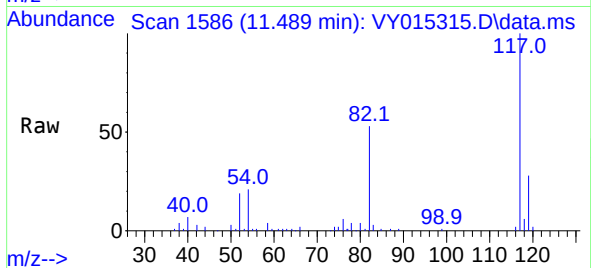




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015315.D
Acq: 24 Aug 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :
RB21153

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.0
119	27.6	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: VY015315.D
Acq: 24 Aug 2023 16:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.8	86.5
150	162.2	0.0	348.8

