

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015131.D
 Acq On : 16 Aug 2023 02:53
 Operator : SY/MD
 Sample : 03973-09RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-10.5-11.0RE

Quant Time: Aug 16 04:27:18 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	7.795	168	7560	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	12250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5181	57.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.180%
35) Dibromofluoromethane	7.728	113	3672	46.594	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.180%
50) Toluene-d8	10.185	98	13738	46.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.483	95	4747	44.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.600%

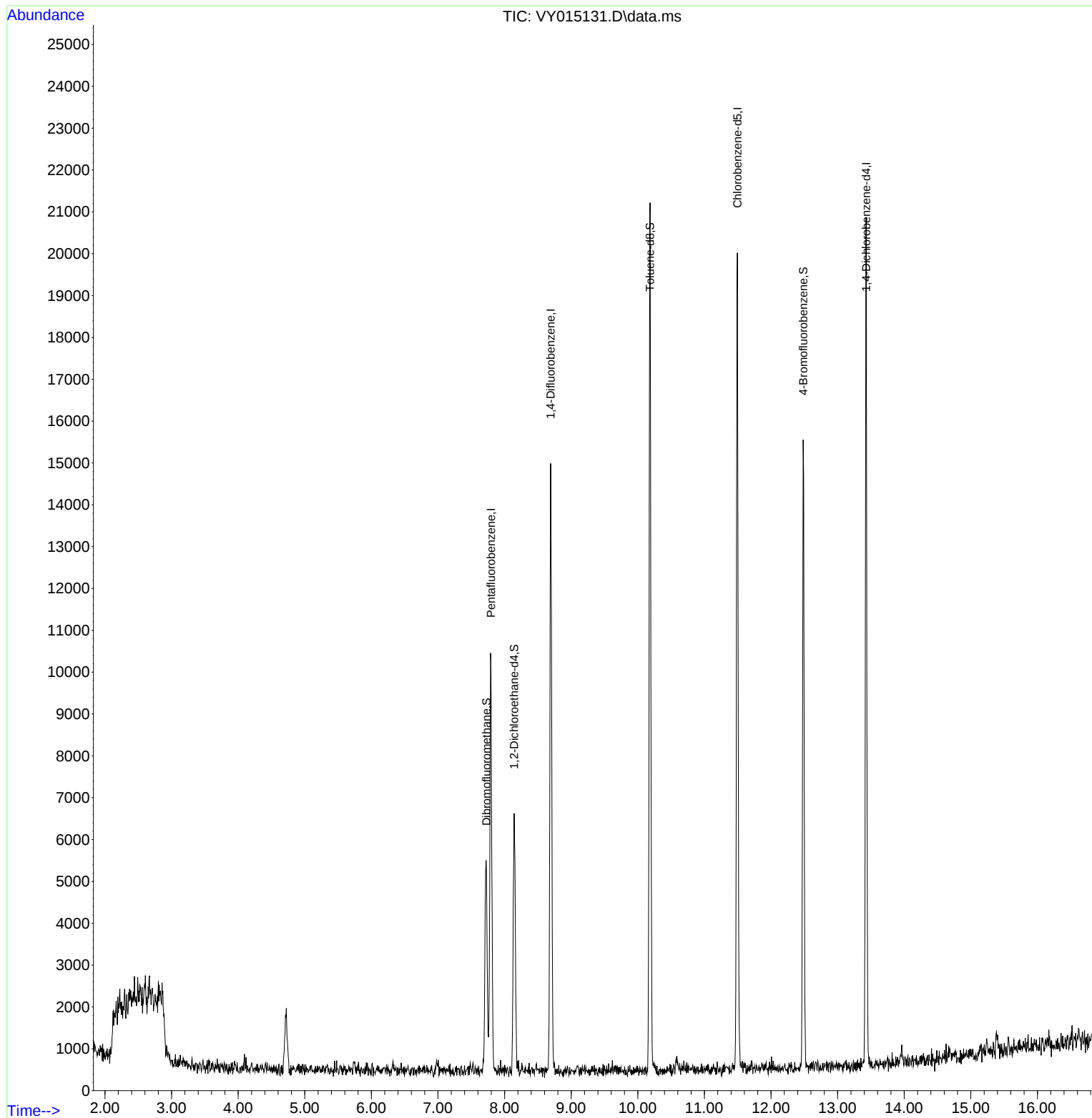
Target Compounds	Qvalue

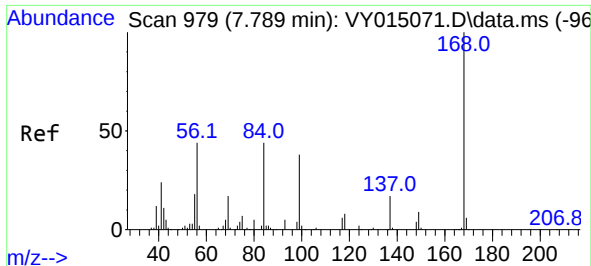
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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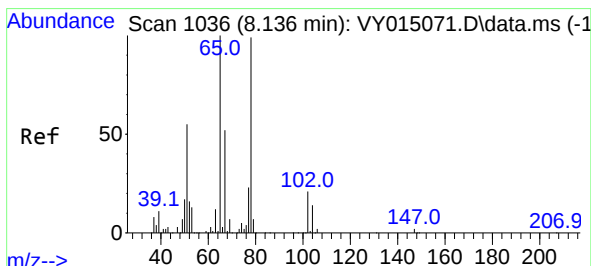
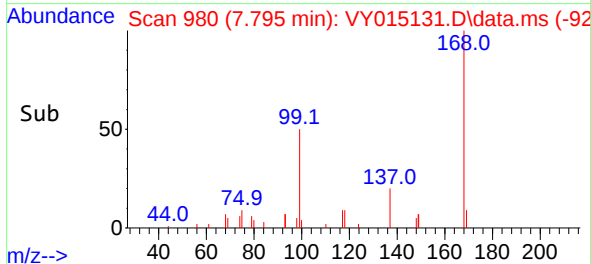
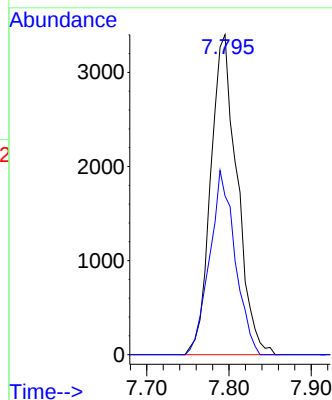
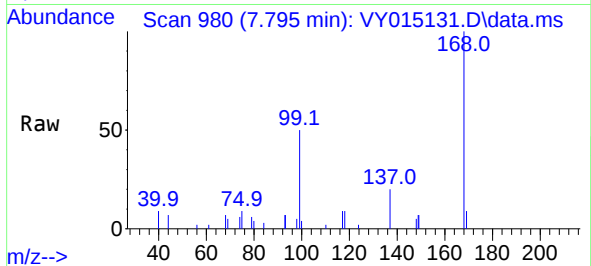




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015131.D
Acq: 16 Aug 2023 02:53

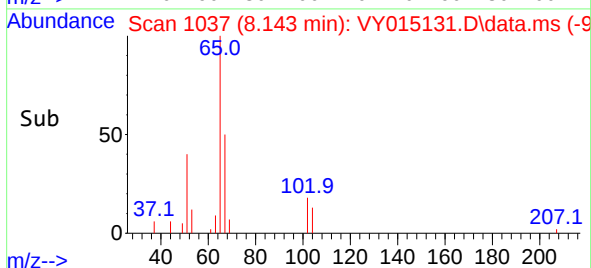
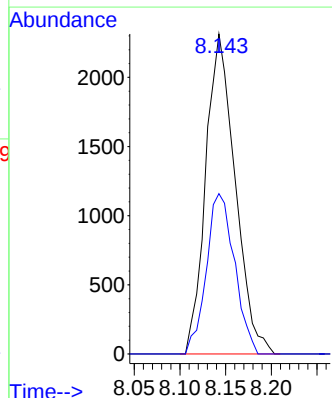
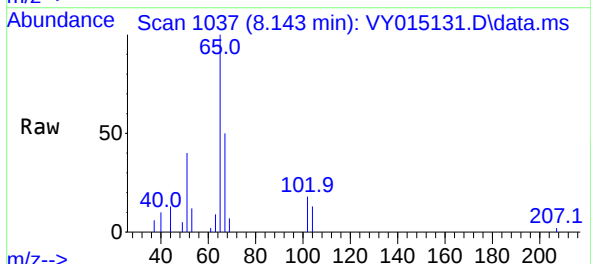
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0RE

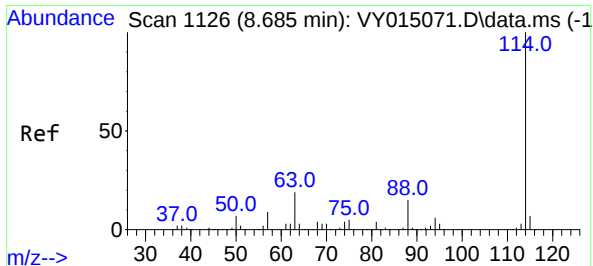
Tgt Ion:168 Resp: 7560
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.090 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015131.D
Acq: 16 Aug 2023 02:53

Tgt Ion: 65 Resp: 5181
Ion Ratio Lower Upper
65 100
67 47.8 0.0 101.8



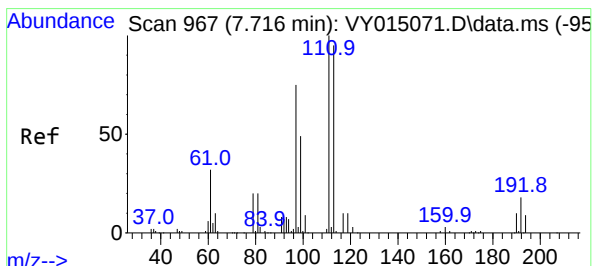
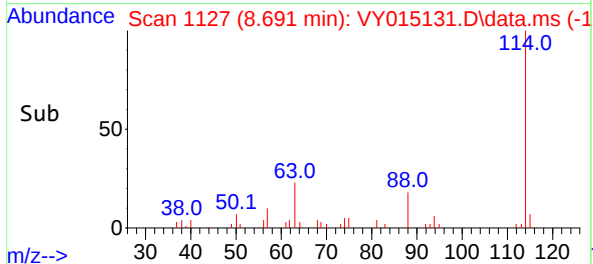
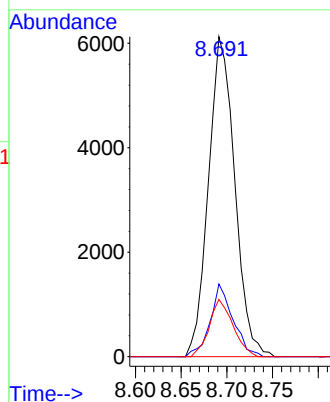
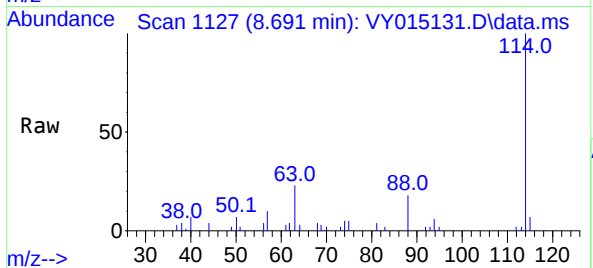


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015131.D
Acq: 16 Aug 2023 02:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0RE

Tgt Ion:114 Resp: 12250

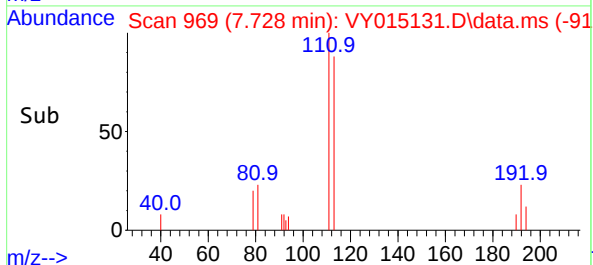
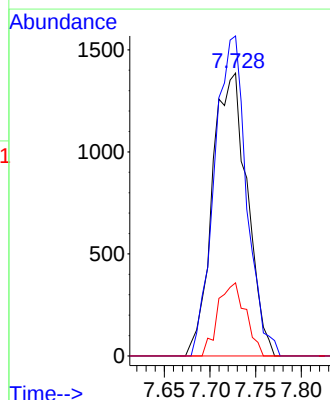
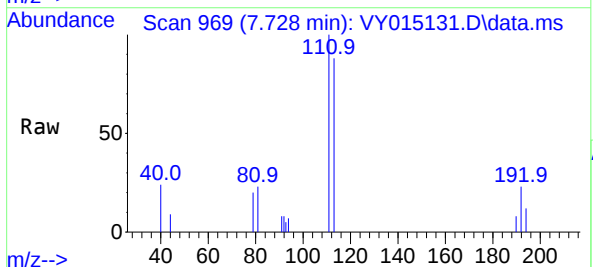
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	42.4
88	17.9	0.0	30.6

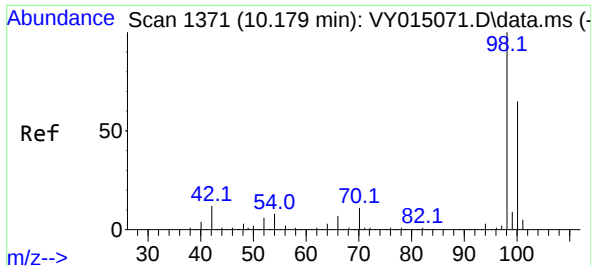


#35
Dibromofluoromethane
Concen: 46.594 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY015131.D
Acq: 16 Aug 2023 02:53

Tgt Ion:113 Resp: 3672

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.3	121.9
192	20.5	16.9	25.3

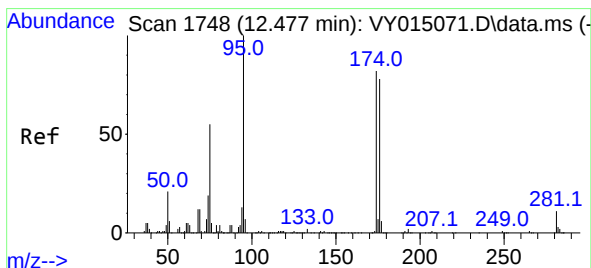
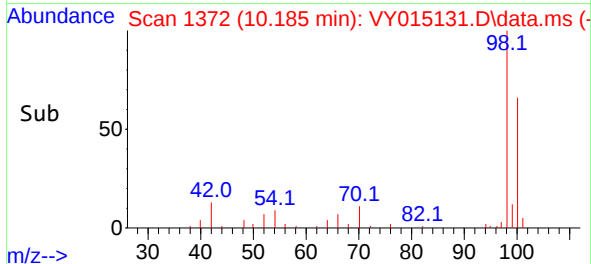
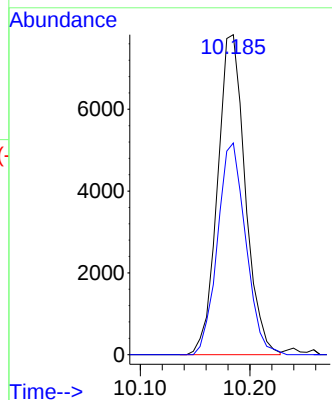
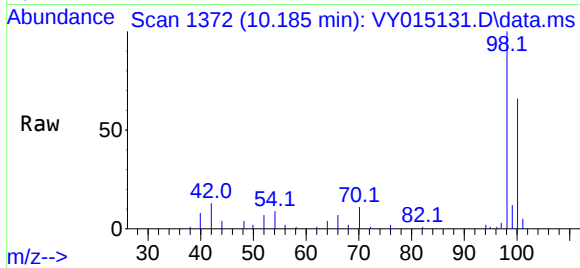




#50
Toluene-d8
Concen: 46.828 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015131.D
Acq: 16 Aug 2023 02:53

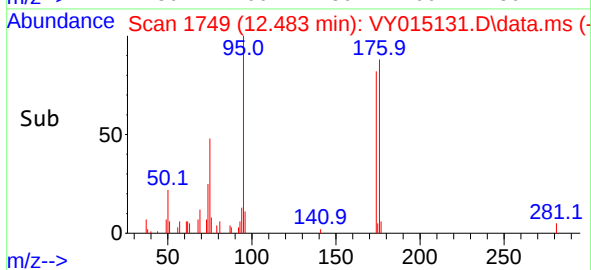
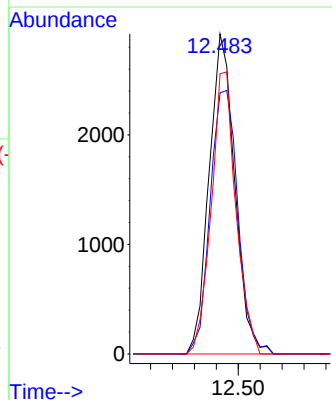
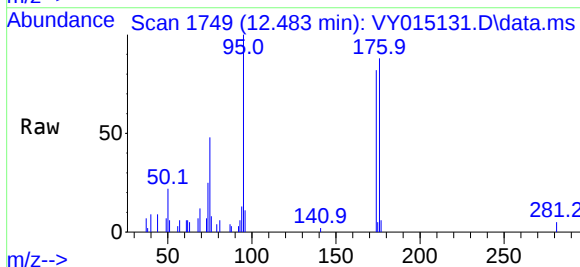
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0RE

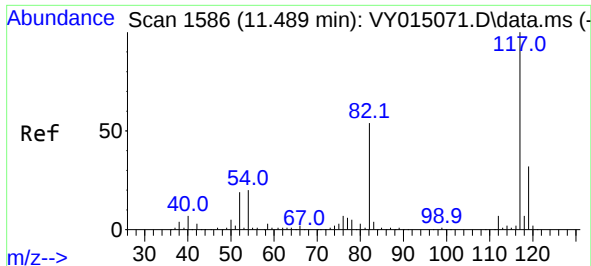
Tgt Ion: 98 Resp: 13738
Ion Ratio Lower Upper
98 100
100 67.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.301 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015131.D
Acq: 16 Aug 2023 02:53

Tgt Ion: 95 Resp: 4747
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.2
176 84.8 0.0 173.8

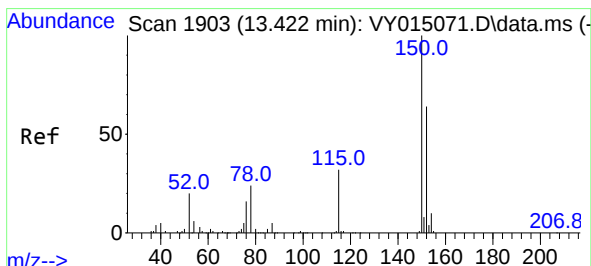
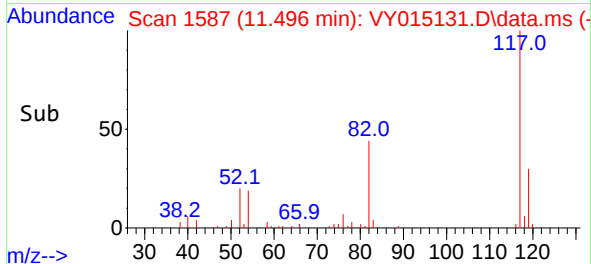
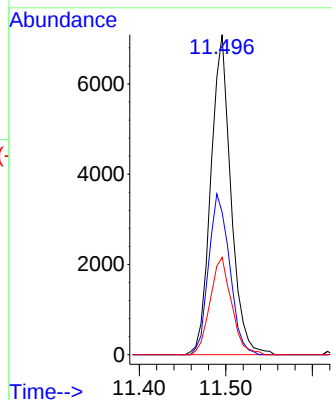
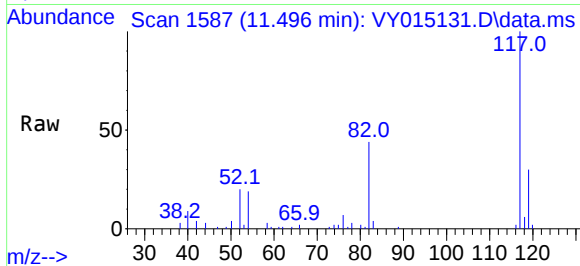




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015131.D
Acq: 16 Aug 2023 02:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0RE

Tgt Ion:	117	Resp:	11428
Ion	Ratio	Lower	Upper
117	100		
82	44.5	43.4	65.0
119	30.5	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: VY015131.D
Acq: 16 Aug 2023 02:53

Tgt Ion:	152	Resp:	5362
Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.8	86.5
150	150.5	0.0	348.8

