

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015380.D
 Acq On : 30 Aug 2023 16:13
 Operator : SY/MD
 Sample : 04219-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11939

Quant Time: Aug 31 01:01:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139915	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125897	62.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.200%
35) Dibromofluoromethane	7.716	113	100495	54.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.540%
50) Toluene-d8	10.179	98	373890	56.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.520%
62) 4-Bromofluorobenzene	12.477	95	128430	52.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.120%

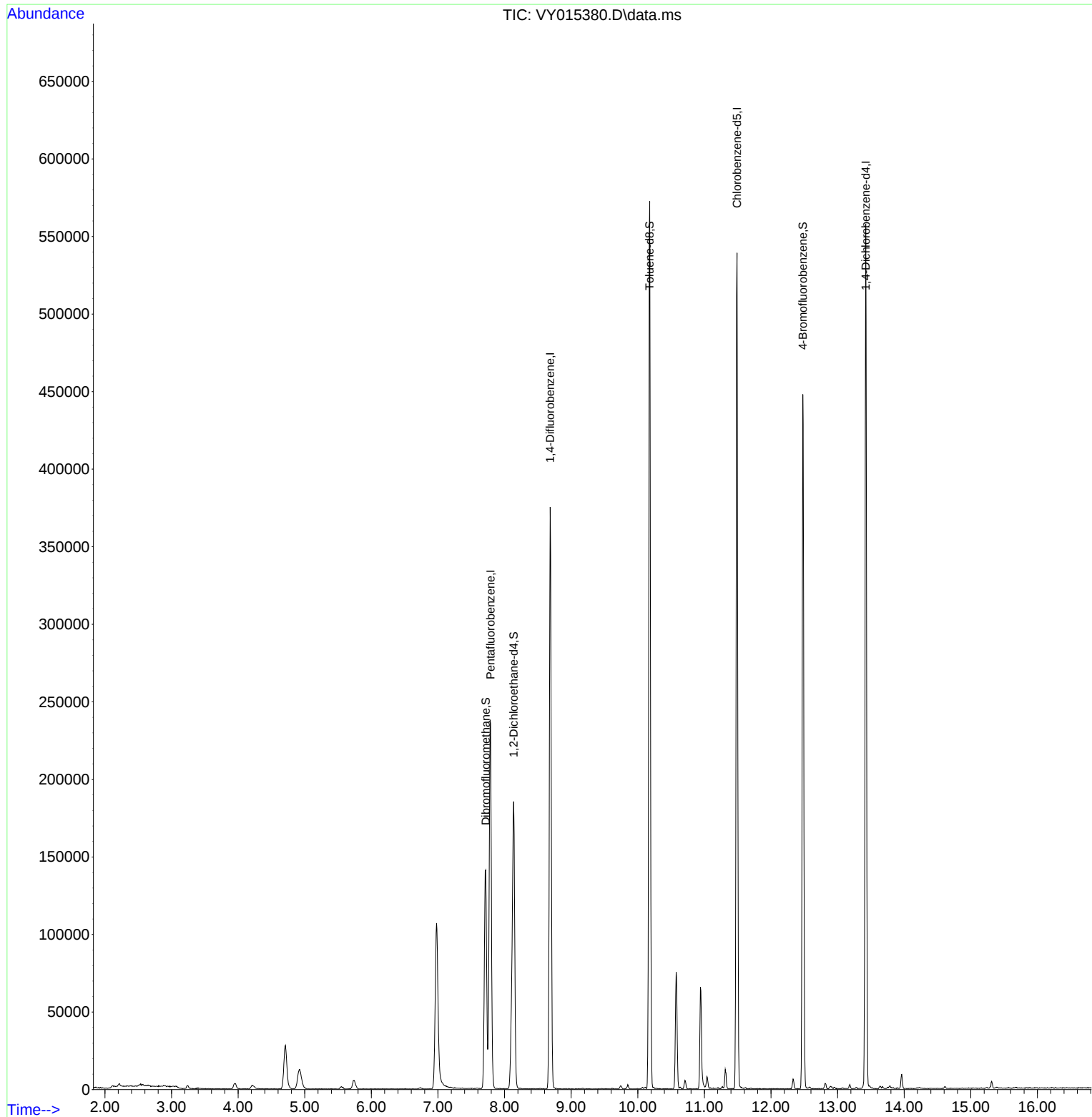
Target Compounds	Qvalue

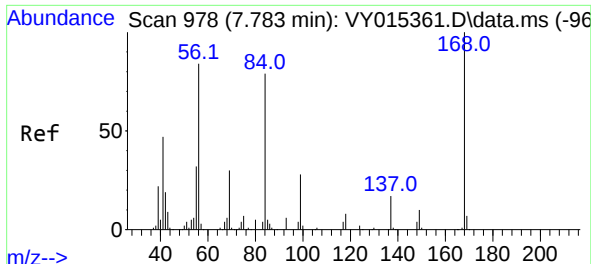
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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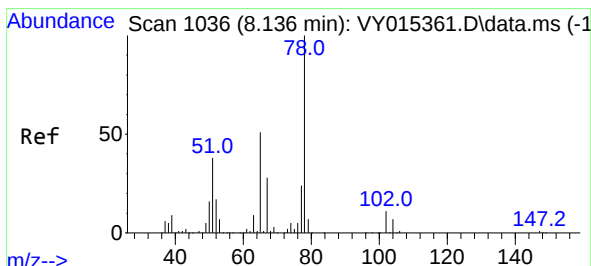
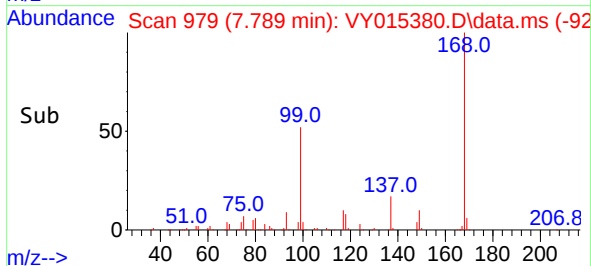
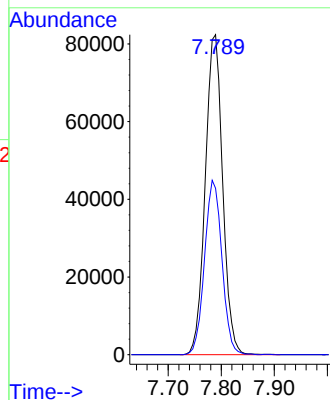
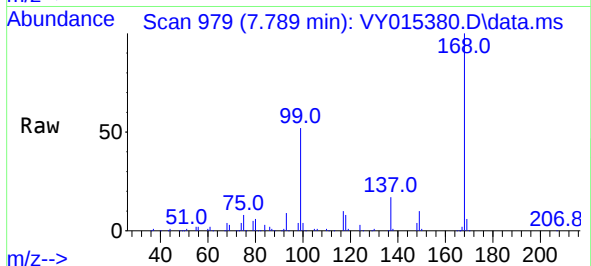




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

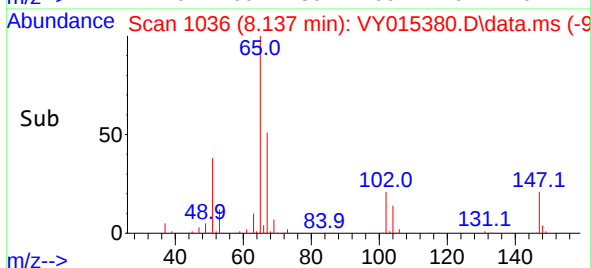
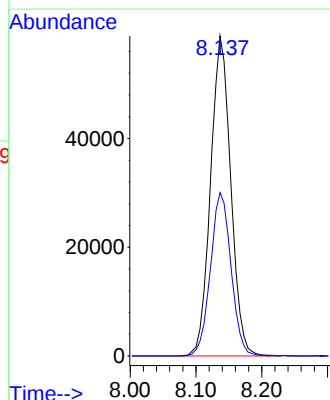
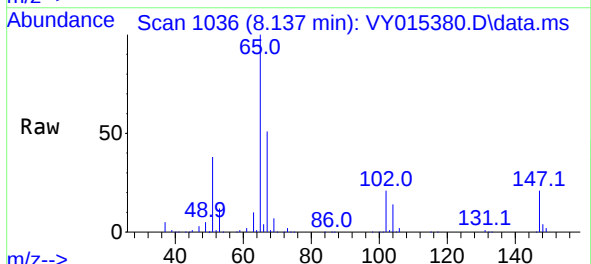
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

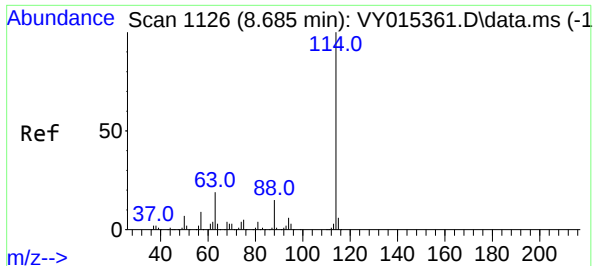
Tgt Ion:168 Resp: 187601
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.602 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Tgt Ion: 65 Resp: 125897
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

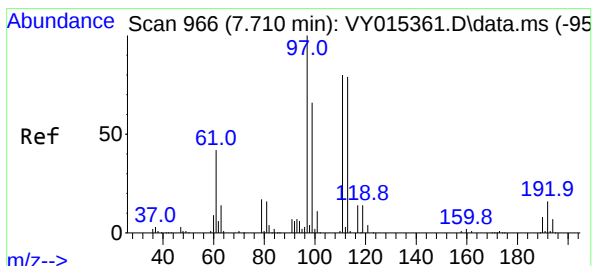
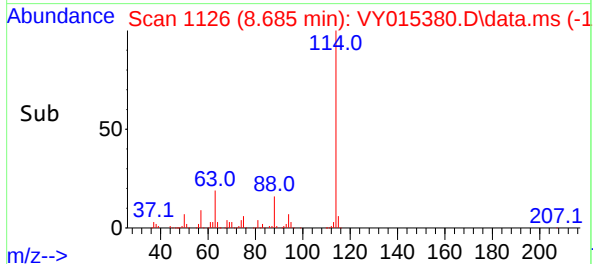
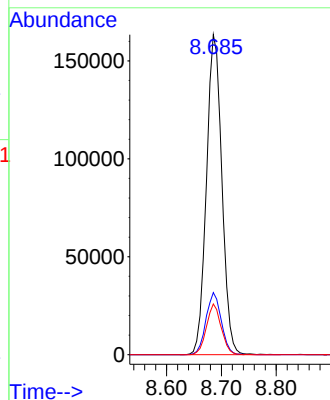
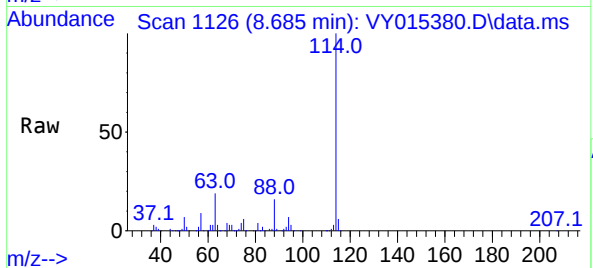




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

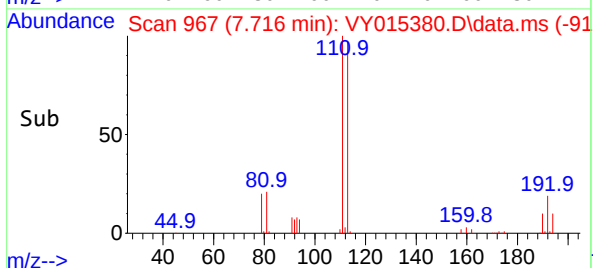
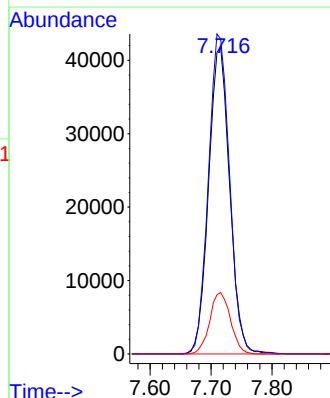
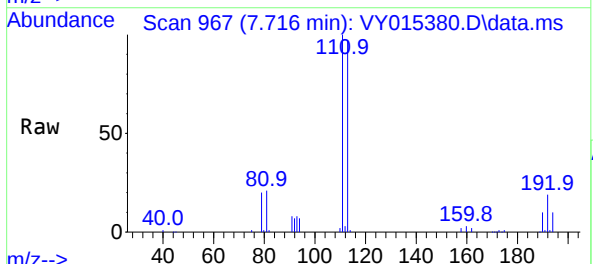
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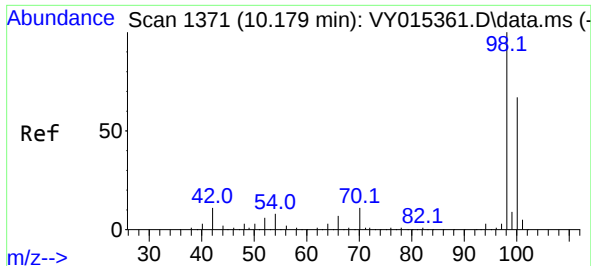
Tgt Ion:	114	Resp:	318590
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	15.8	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.765 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Tgt Ion:	113	Resp:	100495
Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.3	121.9
192	19.7	16.9	25.3

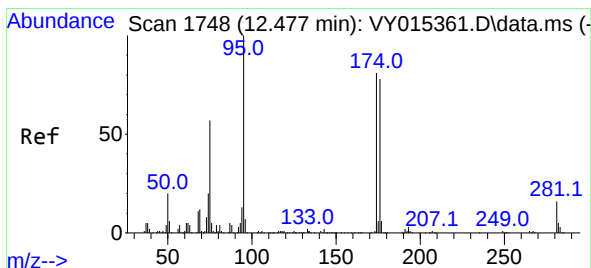
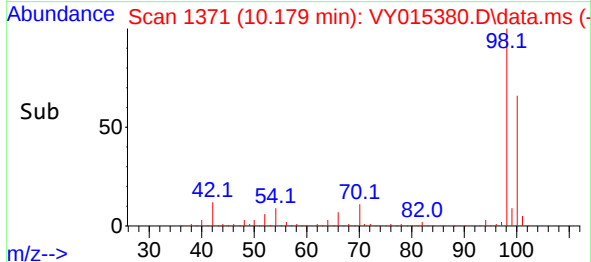
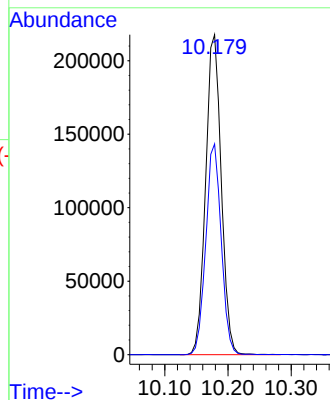
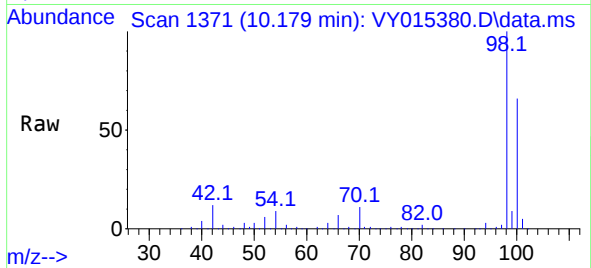




#50
Toluene-d8
Concen: 56.264 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

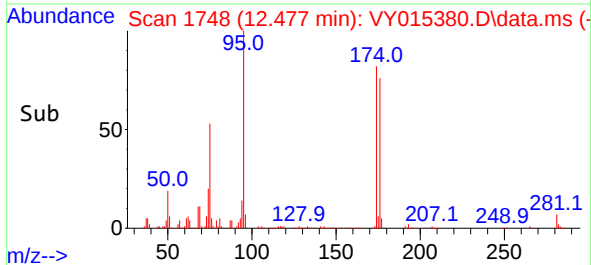
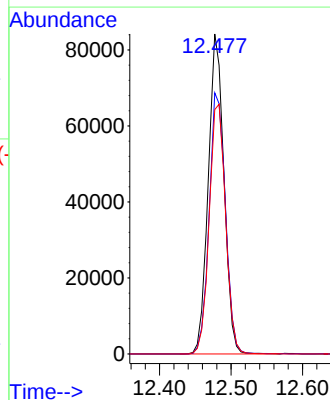
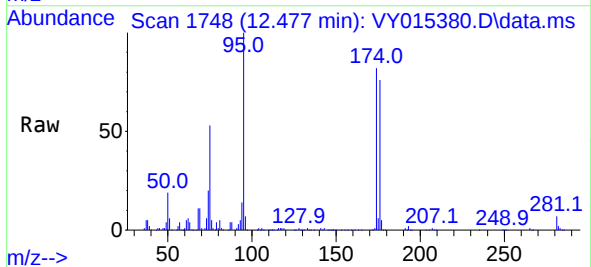
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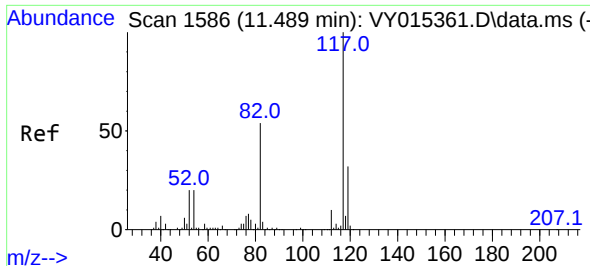
Tgt Ion: 98 Resp: 373890
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Tgt Ion: 95 Resp: 128430
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.5 0.0 173.8

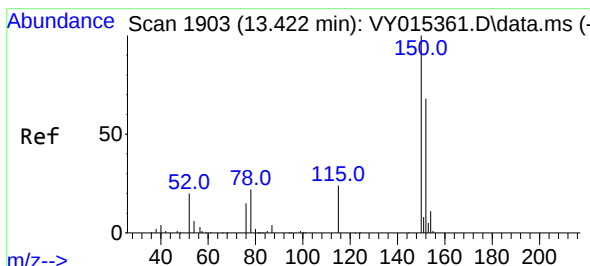
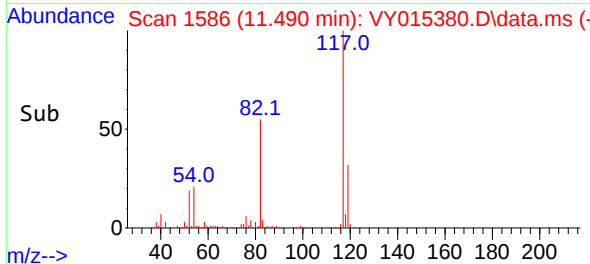
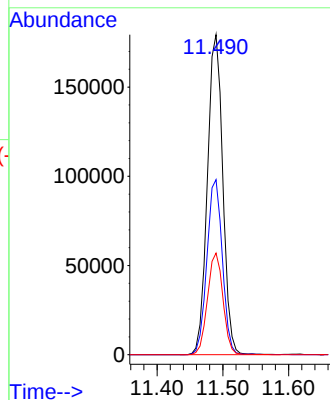
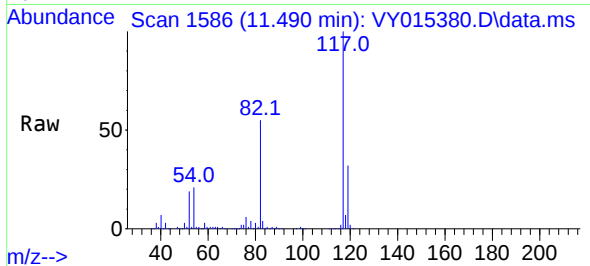




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :
72-11939

Tgt Ion:117 Resp: 292113
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Tgt Ion:152 Resp: 139915
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 156.0 0.0 348.8

