

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015107.D
 Acq On : 15 Aug 2023 16:42
 Operator : SY/MD
 Sample : 04003-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-081423

Quant Time: Aug 16 02:06:38 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	9936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	14088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5283	44.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.580%
35) Dibromofluoromethane	7.710	113	3871	39.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.100%
50) Toluene-d8	10.179	98	17562	47.597	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.477	95	6234	46.257	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.520%

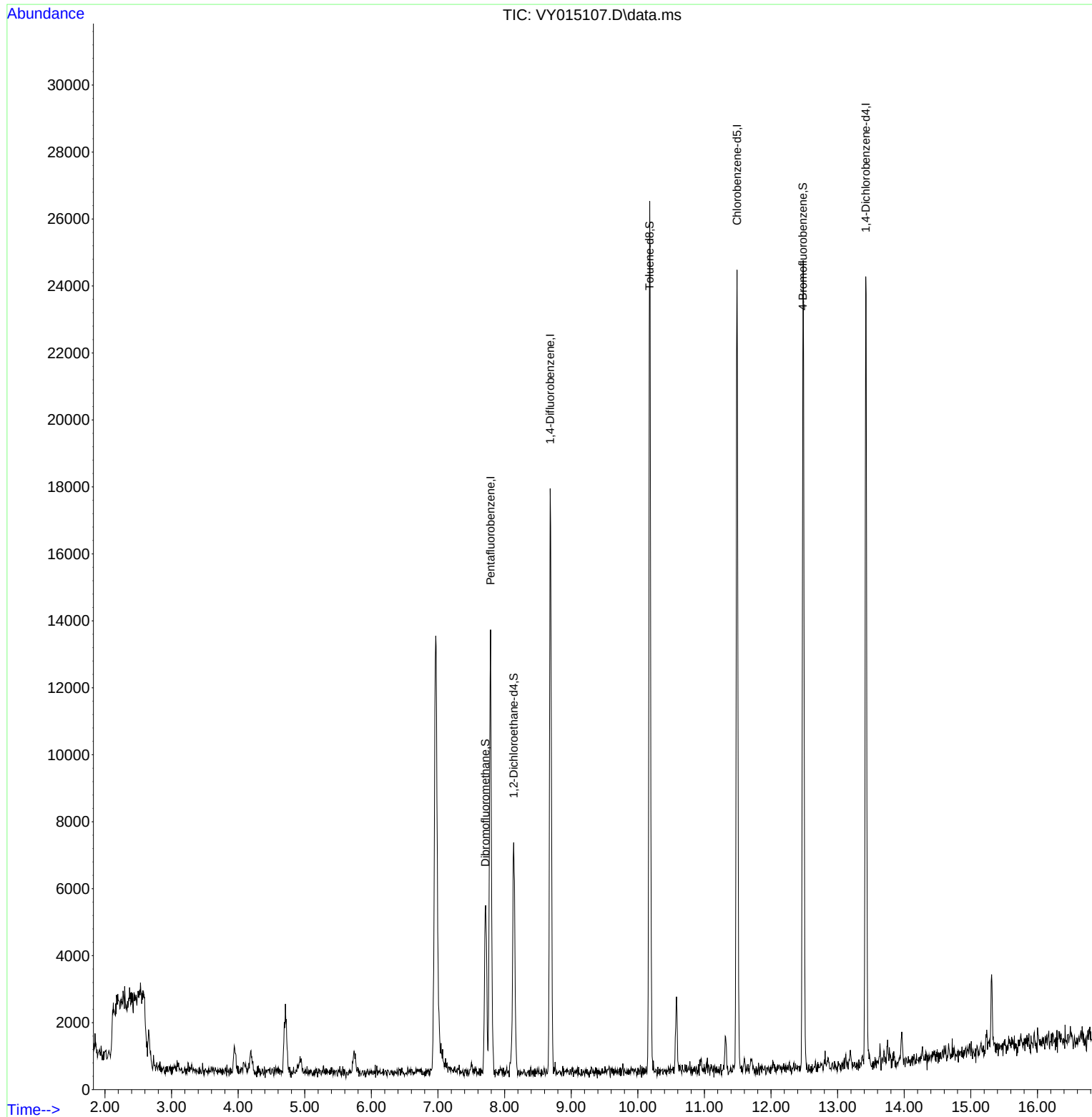
Target Compounds	Qvalue

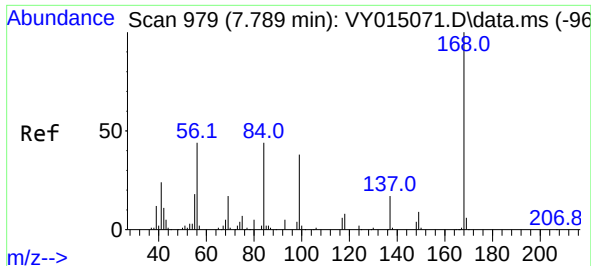
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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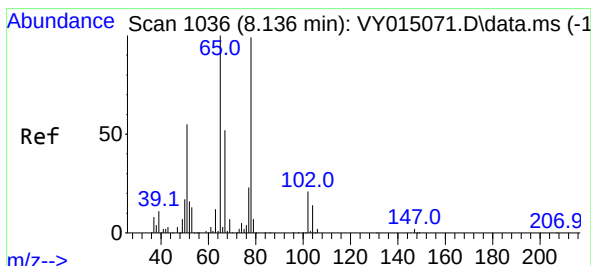
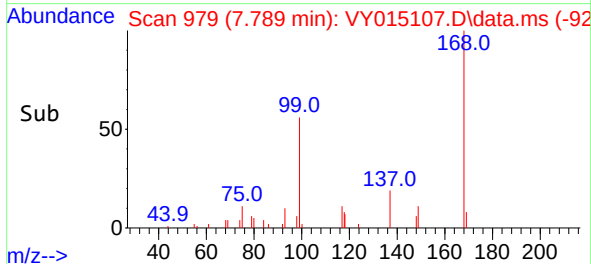
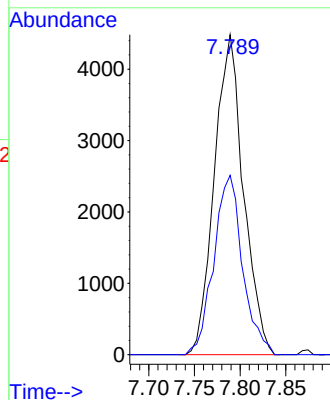
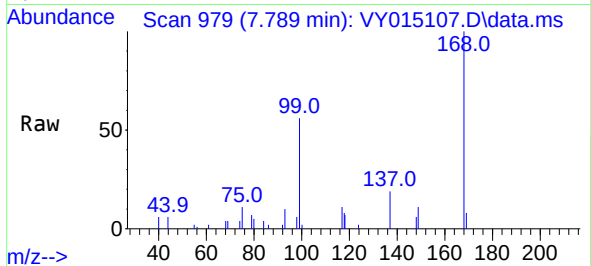




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015107.D
Acq: 15 Aug 2023 16:42

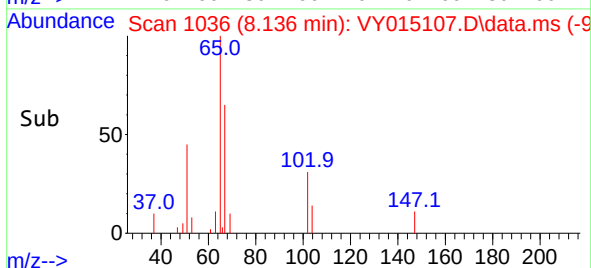
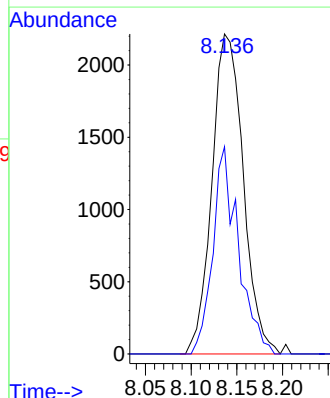
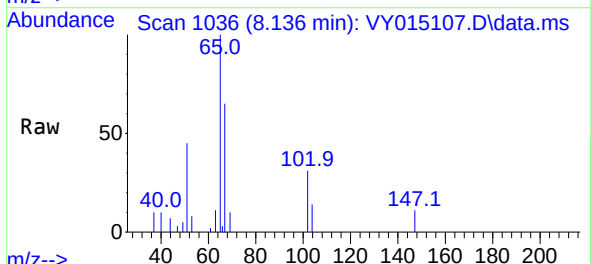
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-081423

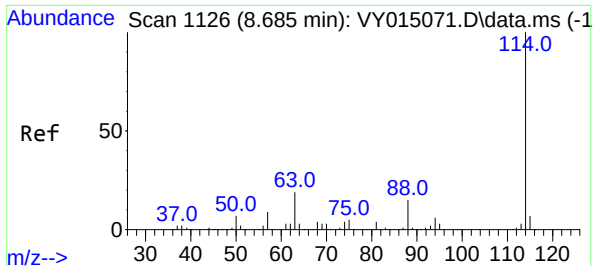
Tgt Ion:168 Resp: 9936
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.294 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015107.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 65 Resp: 5283
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8



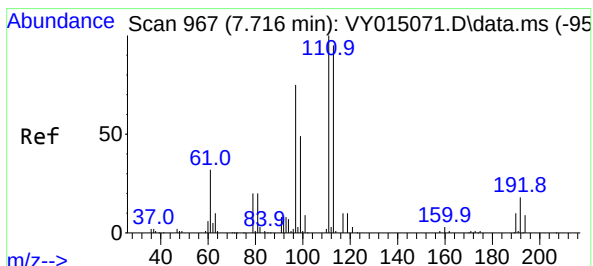
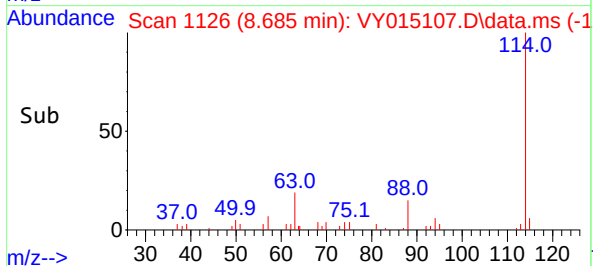
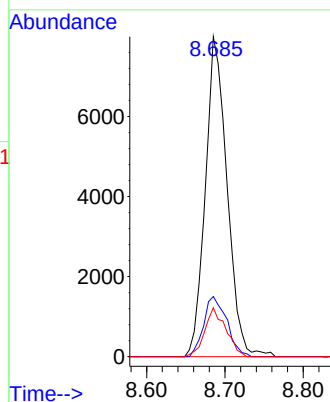
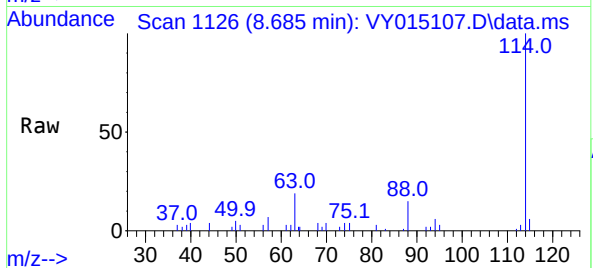


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015107.D
Acq: 15 Aug 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-081423

Tgt Ion:114 Resp: 15407

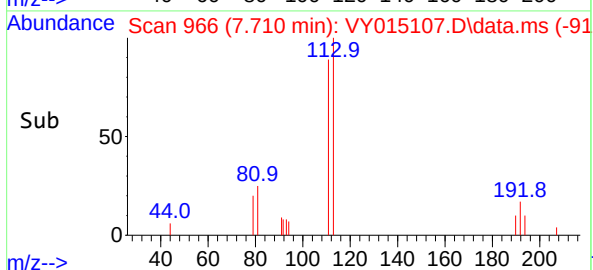
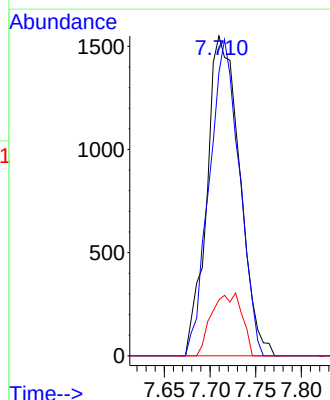
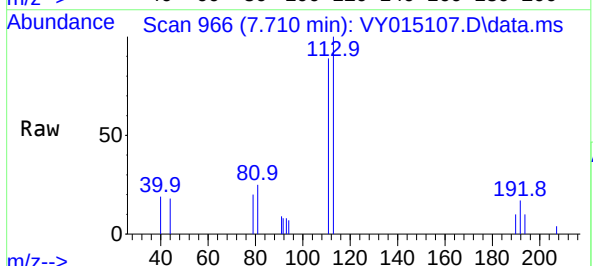
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	42.4
88	15.3	0.0	30.6

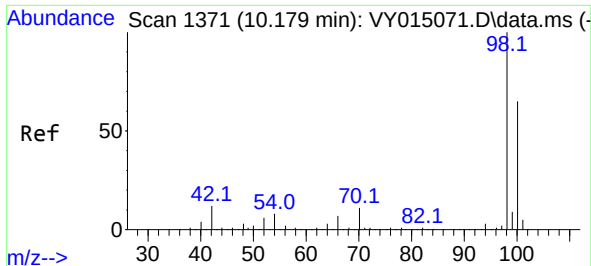


#35
Dibromofluoromethane
Concen: 39.054 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015107.D
Acq: 15 Aug 2023 16:42

Tgt Ion:113 Resp: 3871

Ion	Ratio	Lower	Upper
113	100		
111	91.2	81.3	121.9
192	18.0	16.9	25.3

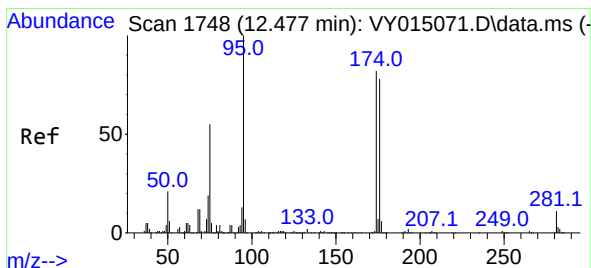
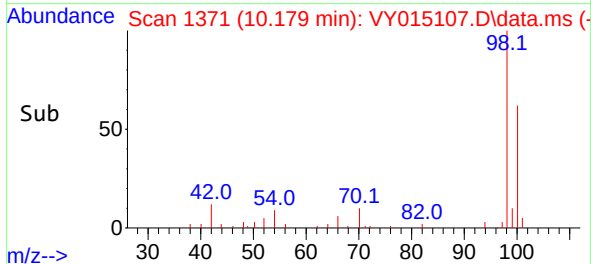
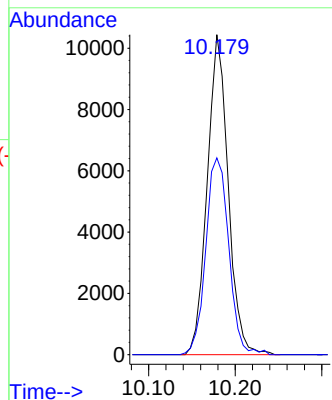
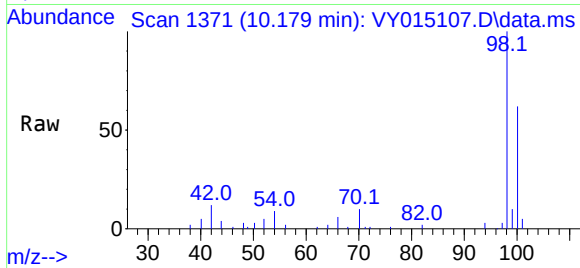




#50
Toluene-d8
Concen: 47.597 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015107.D
Acq: 15 Aug 2023 16:42

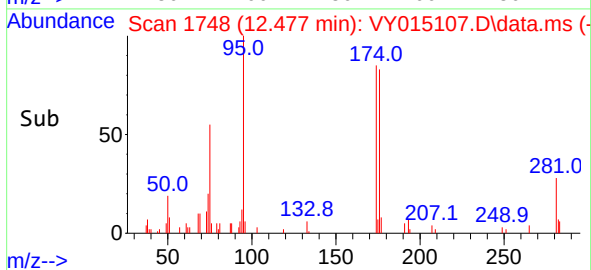
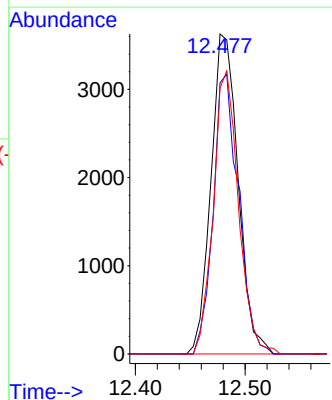
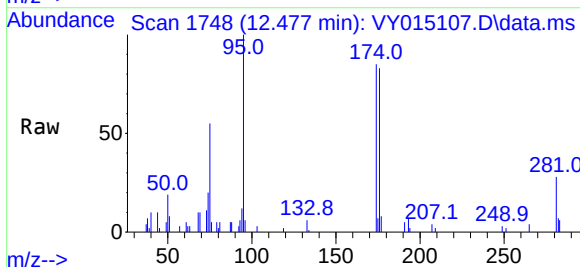
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-081423

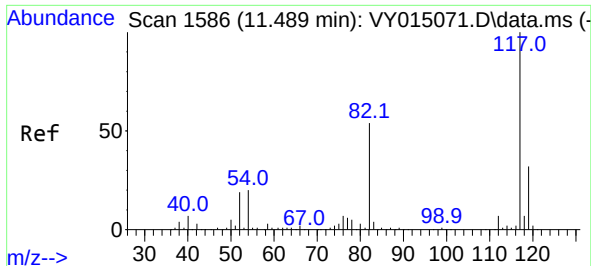
Tgt Ion: 98 Resp: 17562
Ion Ratio Lower Upper
98 100
100 67.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.257 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015107.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 95 Resp: 6234
Ion Ratio Lower Upper
95 100
174 82.3 0.0 178.2
176 82.2 0.0 173.8

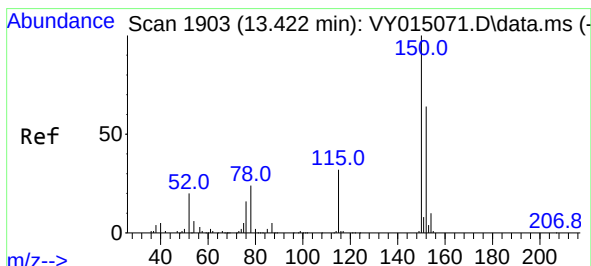
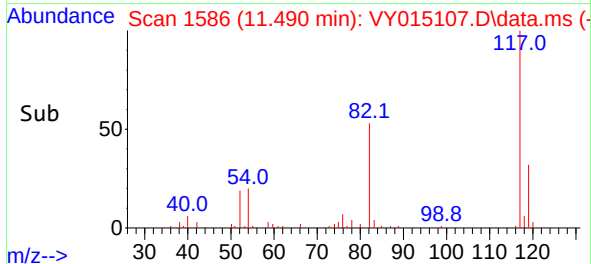
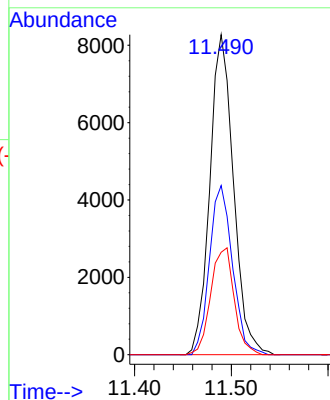
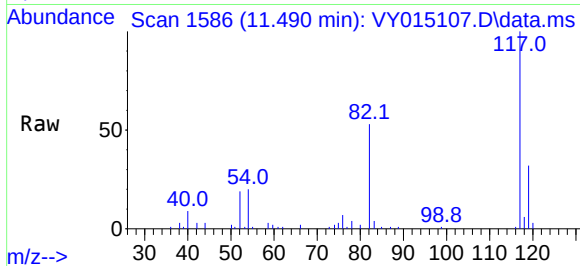




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015107.D
Acq: 15 Aug 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-081423

Tgt Ion:	117	Resp:	14088
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.4	65.0
119	32.0	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: VY015107.D
Acq: 15 Aug 2023 16:42

Tgt Ion:	152	Resp:	6578
Ion	Ratio	Lower	Upper
152	100		
115	53.0	28.8	86.5
150	143.4	0.0	348.8

