

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015024.D
 Acq On : 10 Aug 2023 13:54
 Operator : SY/MD
 Sample : 03943-02
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP21B

Quant Time: Aug 10 14:44:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	8888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6415	59.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.100%
35) Dibromofluoromethane	7.710	113	3571	36.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.860%
50) Toluene-d8	10.179	98	18150	49.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.477	95	6660	51.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.120%

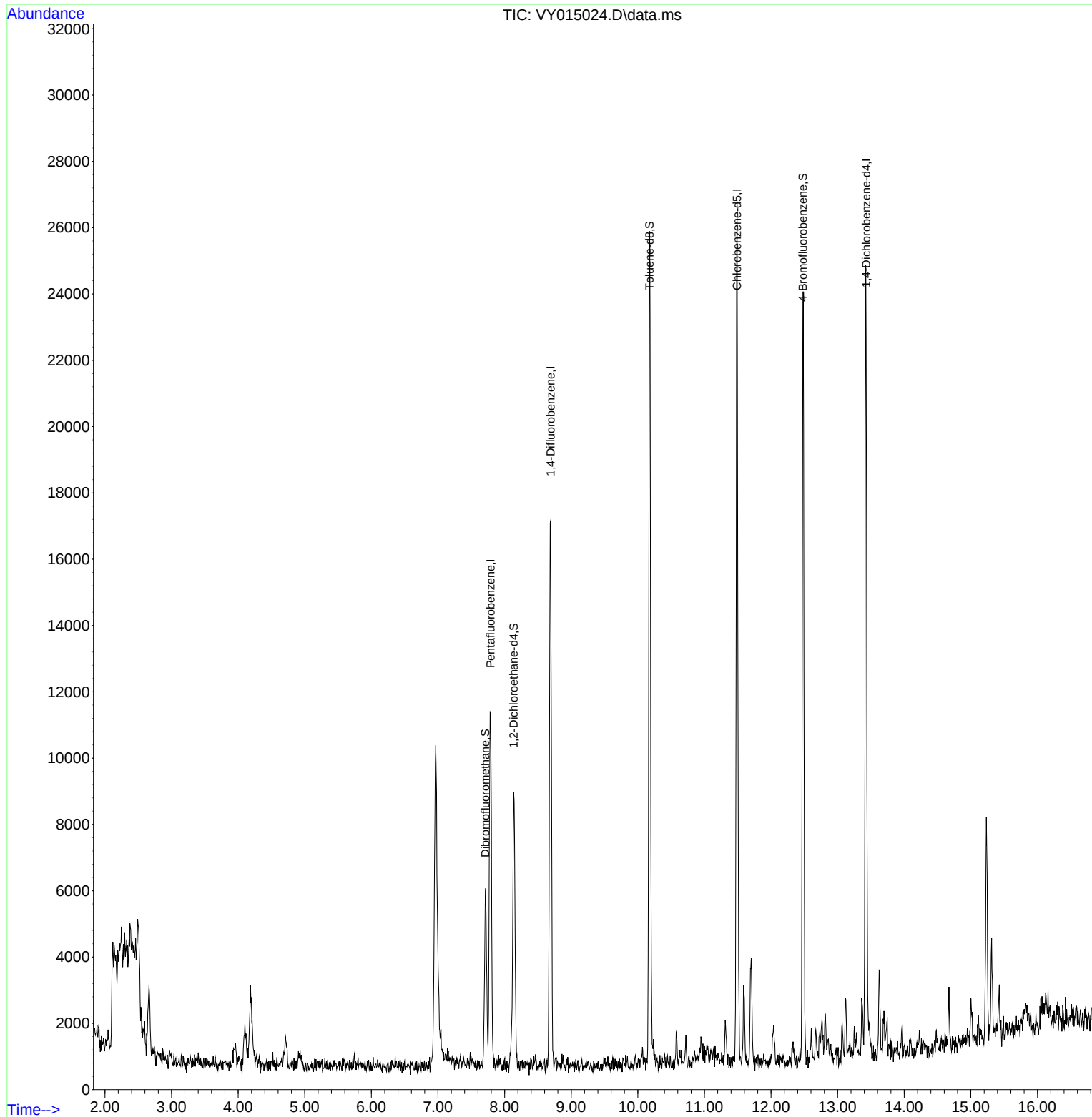
Target Compounds	Qvalue

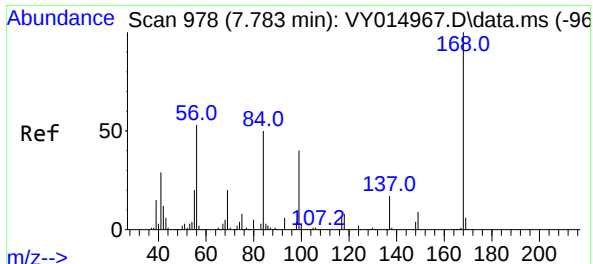
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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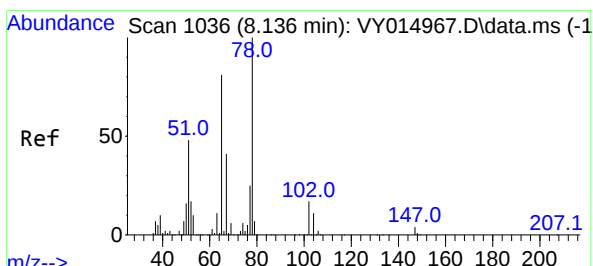
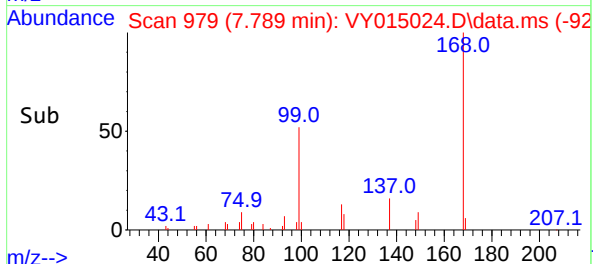
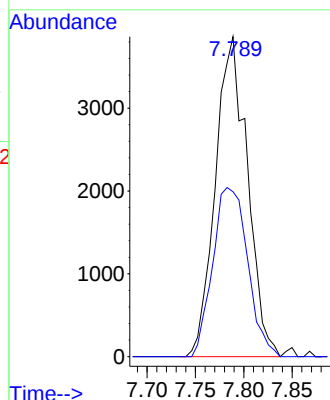
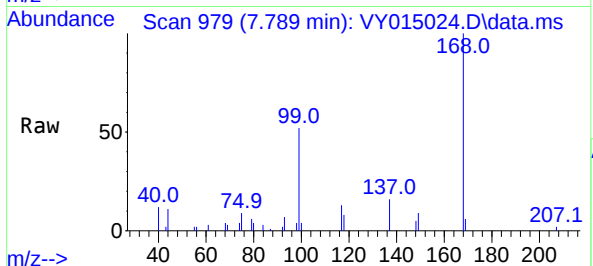




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

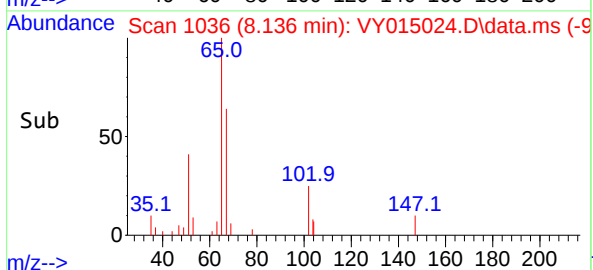
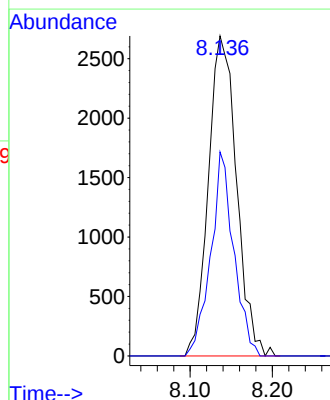
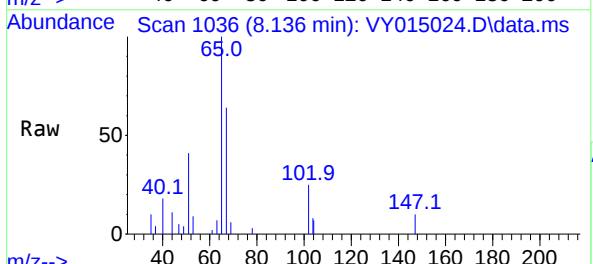
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

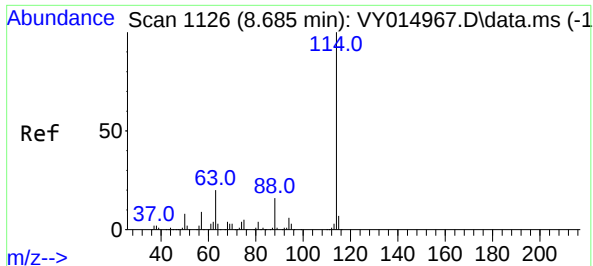
Tgt Ion:168 Resp: 8888
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.550 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion: 65 Resp: 6415
Ion Ratio Lower Upper
65 100
67 52.0 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: VY015024.D

Acq: 10 Aug 2023 13:54

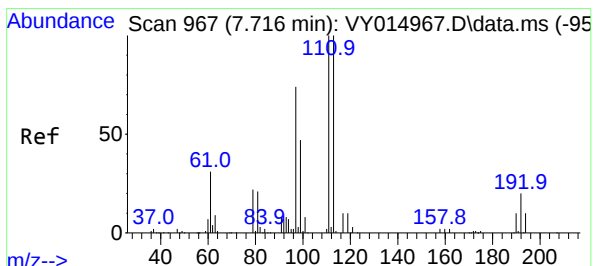
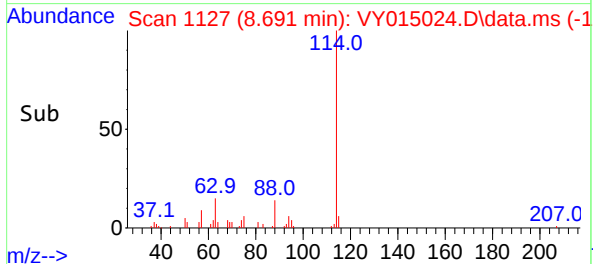
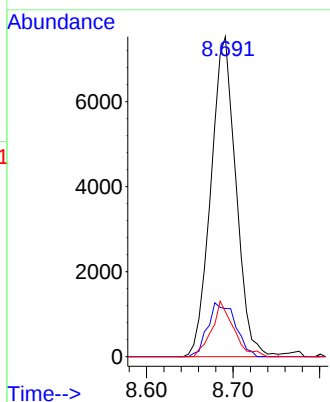
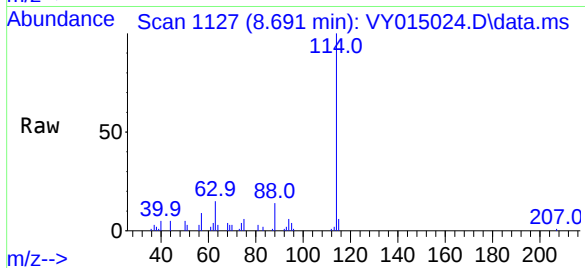
Instrument :

MSVOA_Y

ClientSampleId :

B-PP21B

Tgt Ion:	114	Resp:	15120
Ion	Ratio	Lower	Upper
114	100		
63	15.1	0.0	42.4
88	14.0	0.0	30.6



#35

Dibromofluoromethane

Concen: 36.933 ug/l

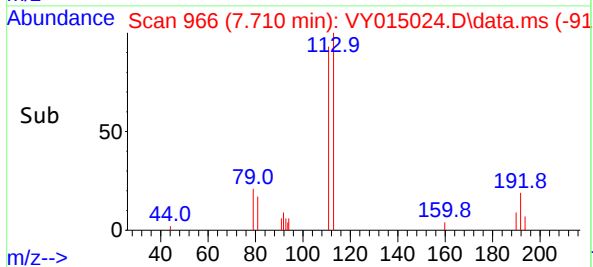
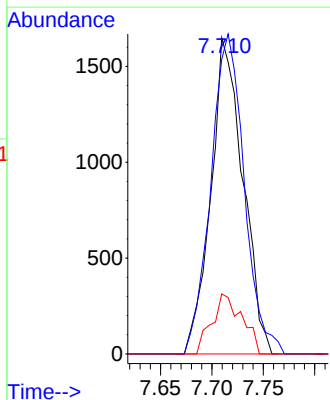
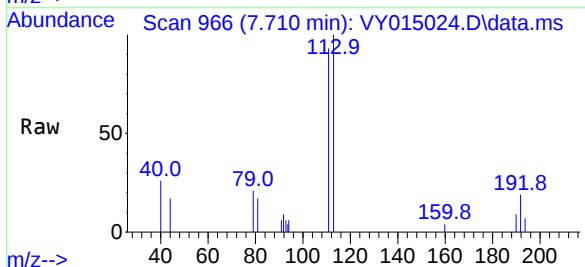
RT: 7.710 min Scan# 966

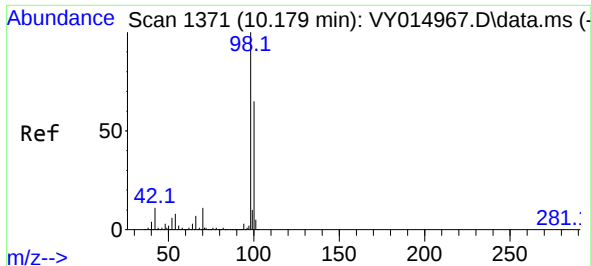
Delta R.T. -0.006 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Tgt Ion:	113	Resp:	3571
Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.3	121.9
192	17.8	16.9	25.3

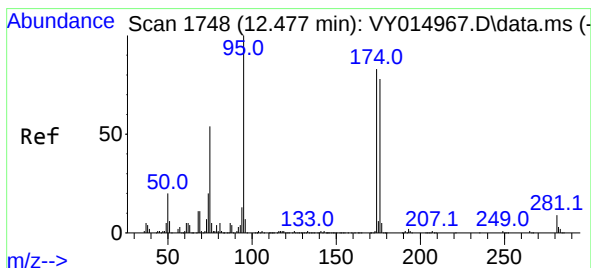
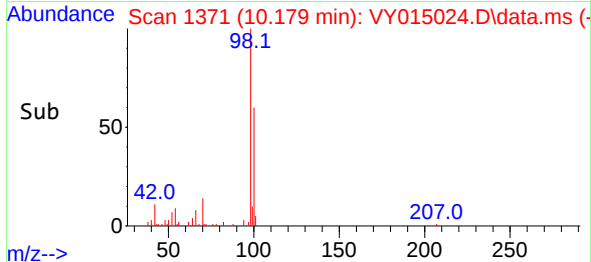
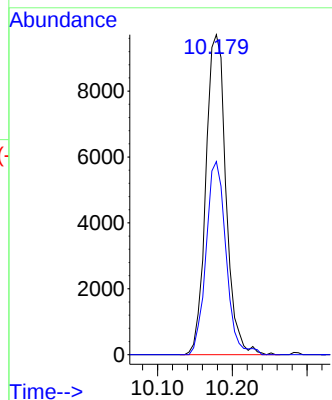
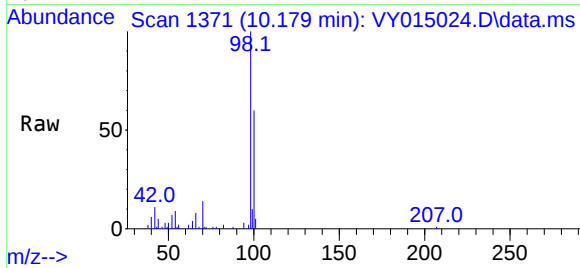




#50
Toluene-d8
Concen: 49.318 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

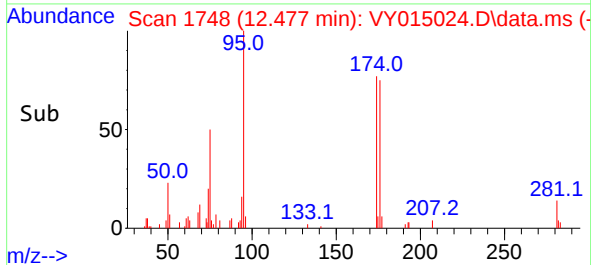
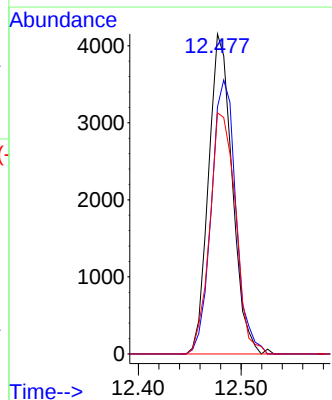
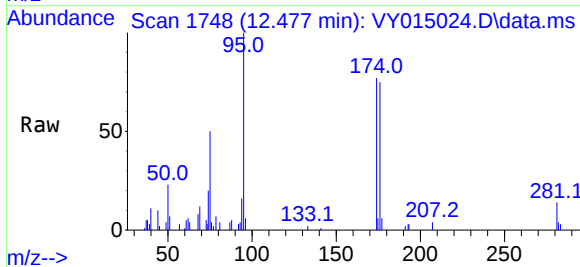
Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

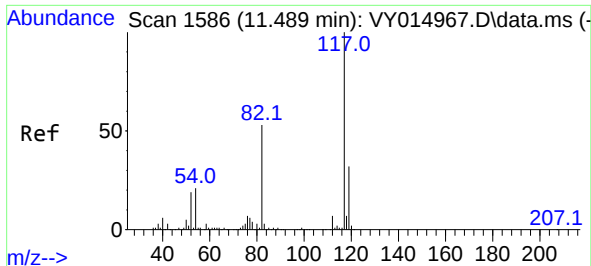
Tgt Ion: 98 Resp: 18150
Ion Ratio Lower Upper
98 100
100 60.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion: 95 Resp: 6660
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 82.1 0.0 173.8

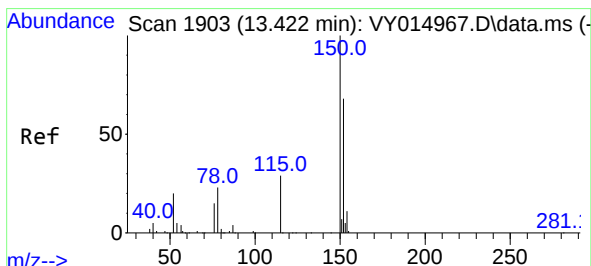
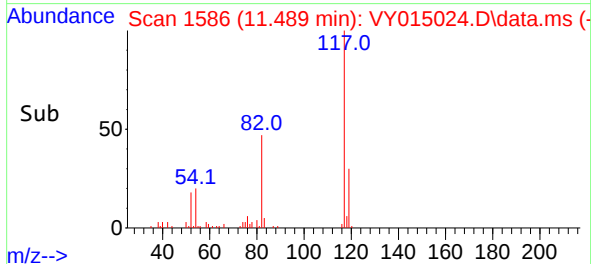
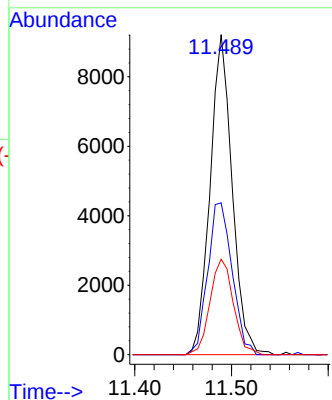
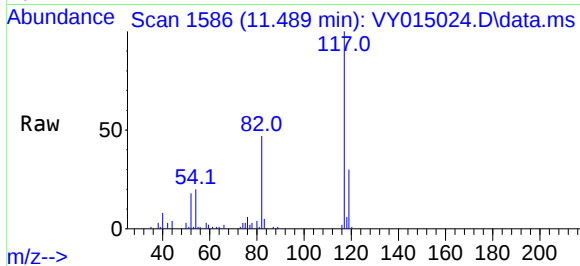




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :
B-PP21B

Tgt Ion:	117	Resp:	14603
Ion	Ratio	Lower	Upper
117	100		
82	47.4	43.4	65.0
119	29.8	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: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion:	152	Resp:	6219
Ion	Ratio	Lower	Upper
152	100		
115	63.1	28.8	86.5
150	160.0	0.0	348.8

