

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015130.D
 Acq On : 16 Aug 2023 02:29
 Operator : SY/MD
 Sample : 03973-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-11.5-12.0

Quant Time: Aug 16 04:26:58 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	13852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	20529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8304	49.940	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.880%
35) Dibromofluoromethane	7.722	113	6374	44.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.760%
50) Toluene-d8	10.185	98	25047	47.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.483	95	8929	46.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.480%

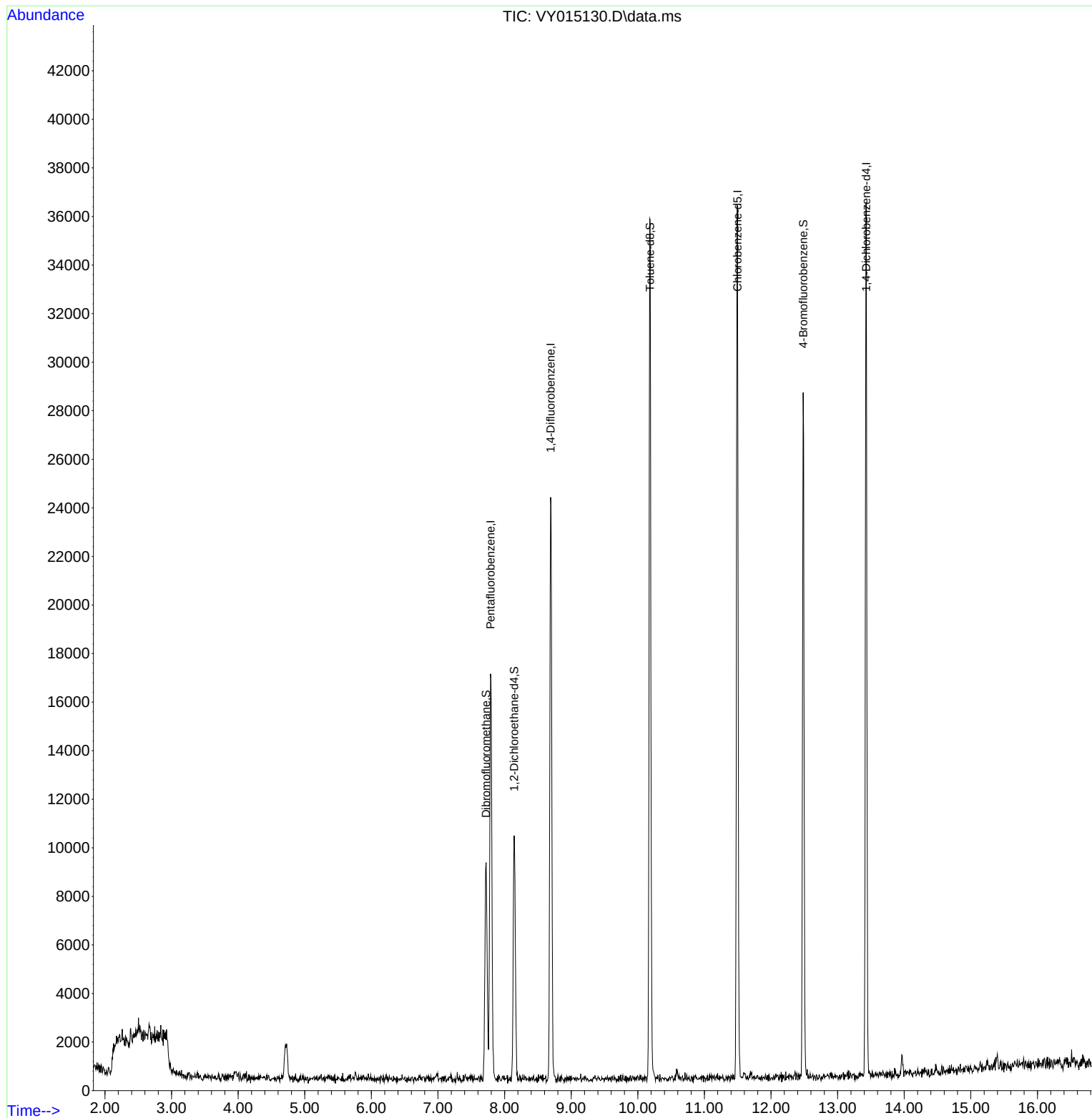
Target Compounds	Qvalue

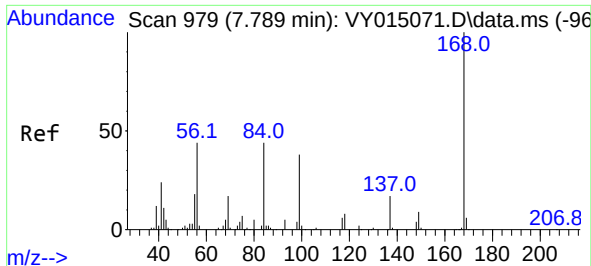
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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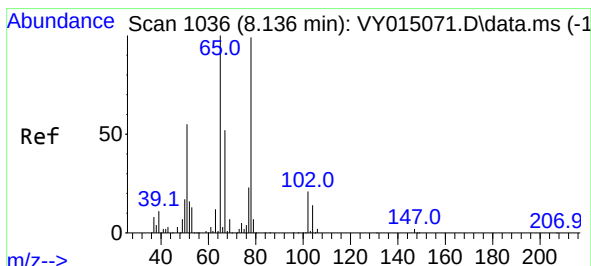
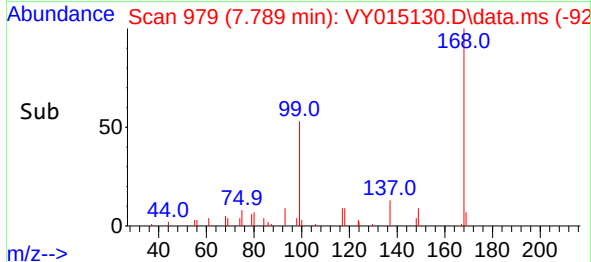
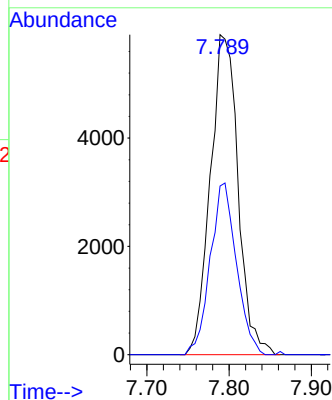
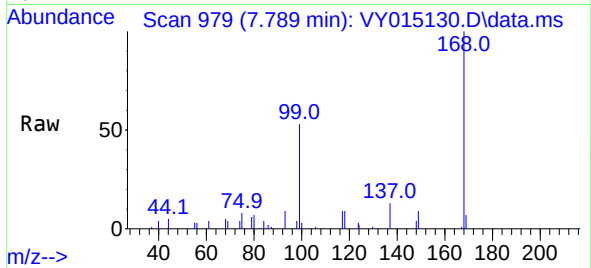




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015130.D
Acq: 16 Aug 2023 02:29

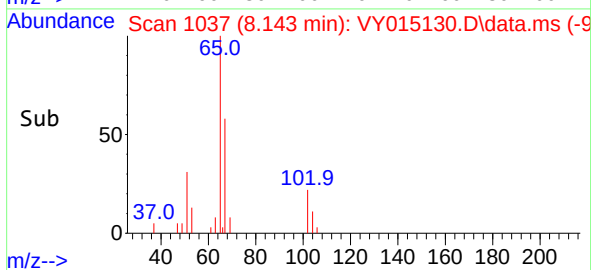
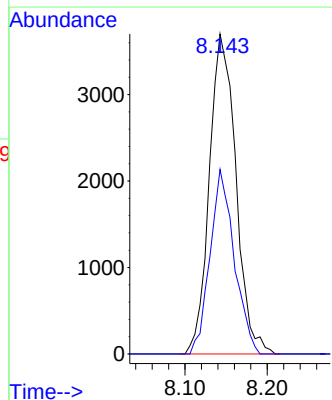
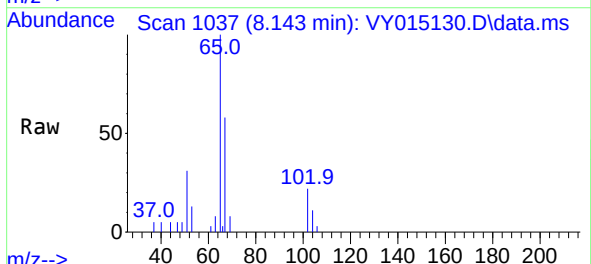
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-11.5-12.0

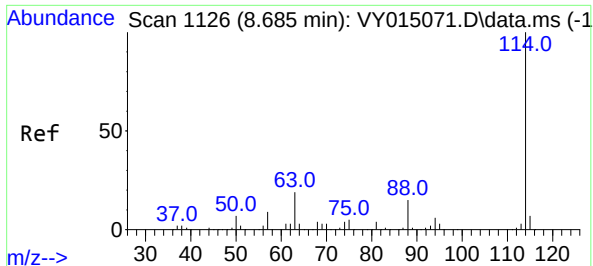
Tgt Ion:168 Resp: 13852
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.940 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015130.D
Acq: 16 Aug 2023 02:29

Tgt Ion: 65 Resp: 8304
Ion Ratio Lower Upper
65 100
67 52.5 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: VY015130.D

Acq: 16 Aug 2023 02:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-11.5-12.0

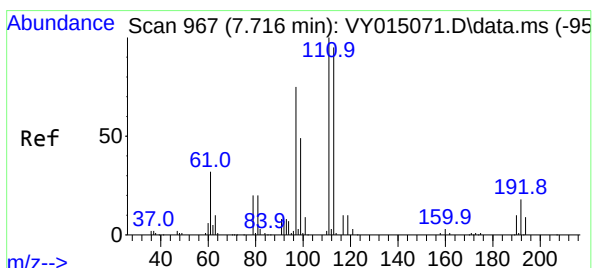
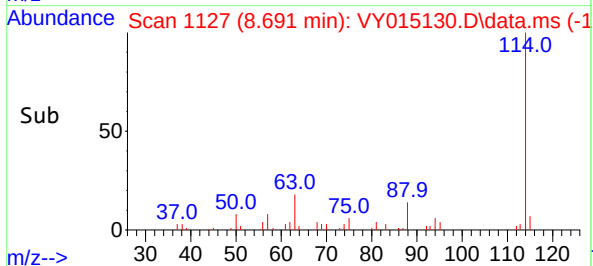
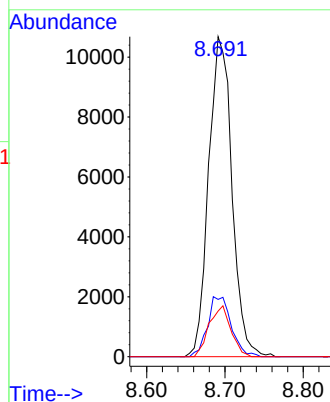
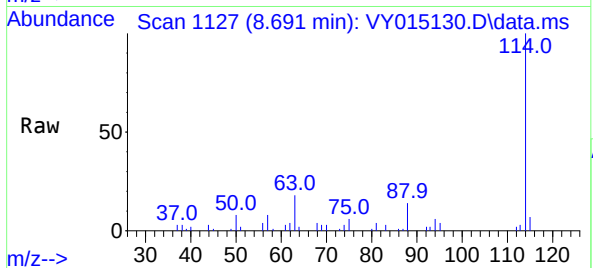
Tgt Ion:114 Resp: 22078

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.876 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015130.D

Acq: 16 Aug 2023 02:29

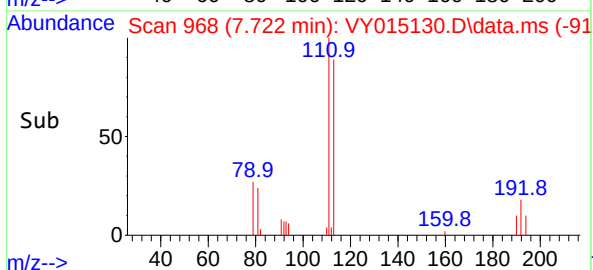
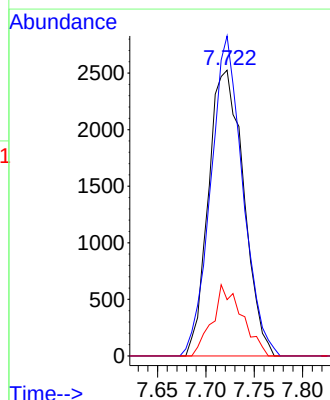
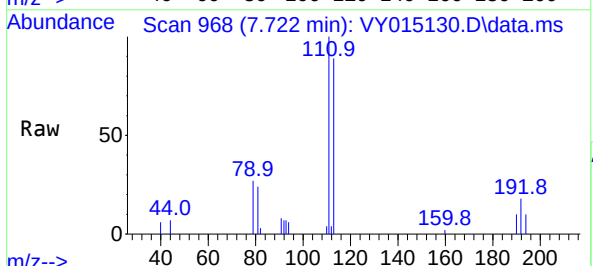
Tgt Ion:113 Resp: 6374

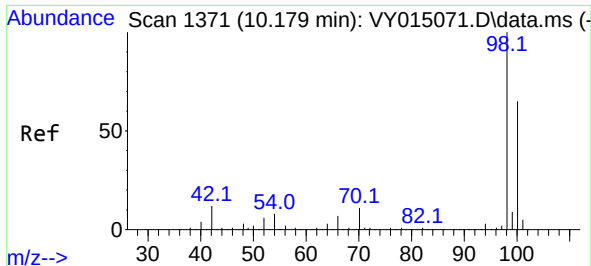
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 21.1 16.9 25.3

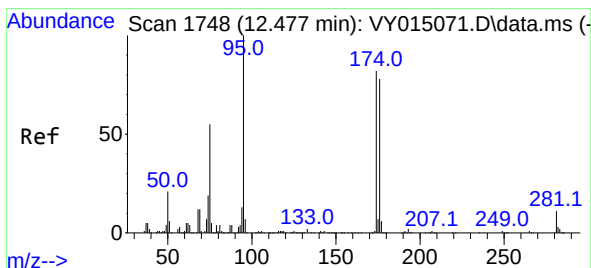
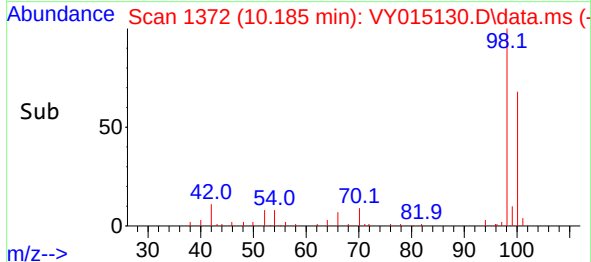
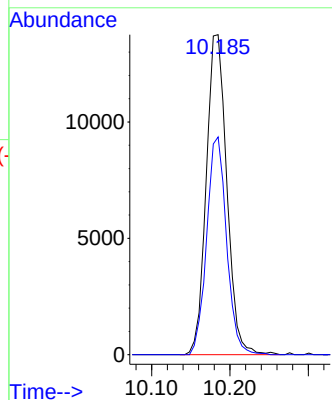
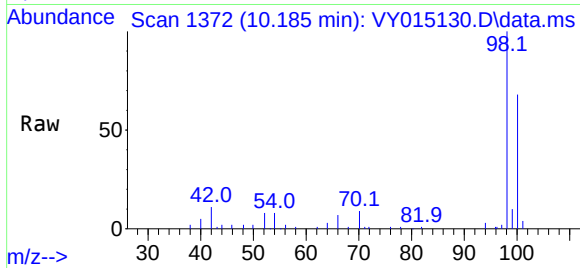




#50
Toluene-d8
Concen: 47.371 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015130.D
Acq: 16 Aug 2023 02:29

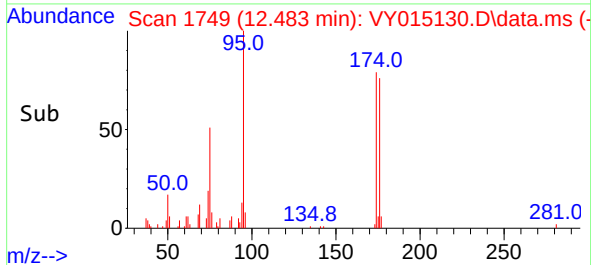
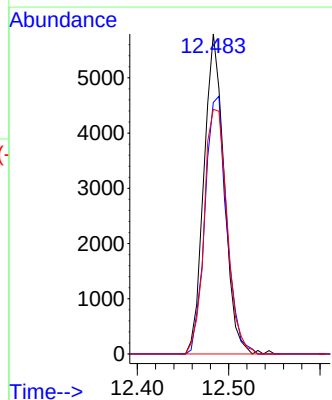
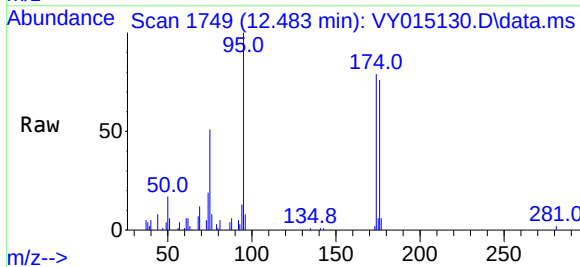
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-11.5-12.0

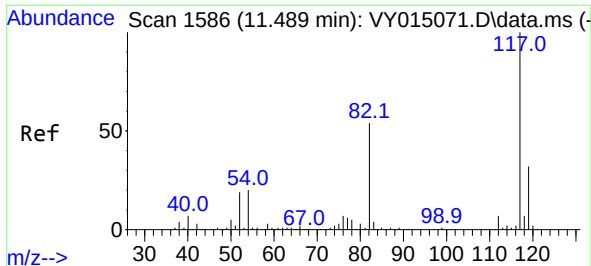
Tgt Ion: 98 Resp: 25047
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.236 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015130.D
Acq: 16 Aug 2023 02:29

Tgt Ion: 95 Resp: 8929
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 86.0 0.0 173.8

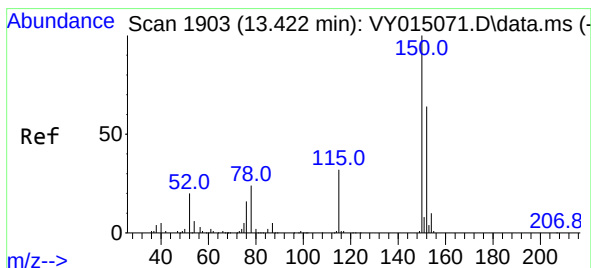
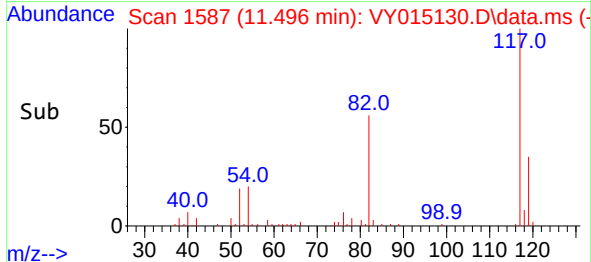
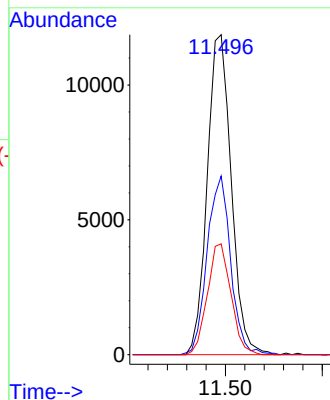
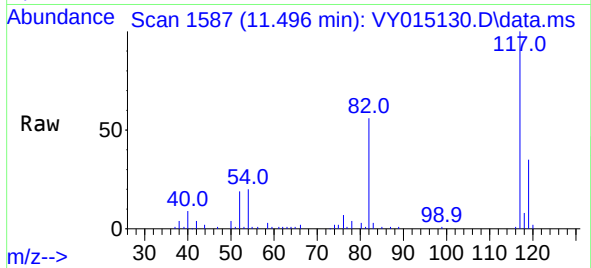




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015130.D
Acq: 16 Aug 2023 02:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-11.5-12.0

Tgt Ion:117	Resp:	20529
Ion	Ratio	Lower Upper
117	100	
82	55.8	43.4 65.0
119	34.6	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: VY015130.D
Acq: 16 Aug 2023 02:29

Tgt Ion:152	Resp:	9431
Ion	Ratio	Lower Upper
152	100	
115	60.4	28.8 86.5
150	151.3	0.0 348.8

