

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008069.D
 Acq On : 28 Mar 2022 17:04
 Operator : SY/MD
 Sample : N2095-08RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.0-10.0RE

Quant Time: Mar 29 02:27:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1928	68.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.880%
35) Dibromofluoromethane	7.722	113	1636	50.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.760%
50) Toluene-d8	10.185	98	5740	46.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.483	95	1587	36.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.540%

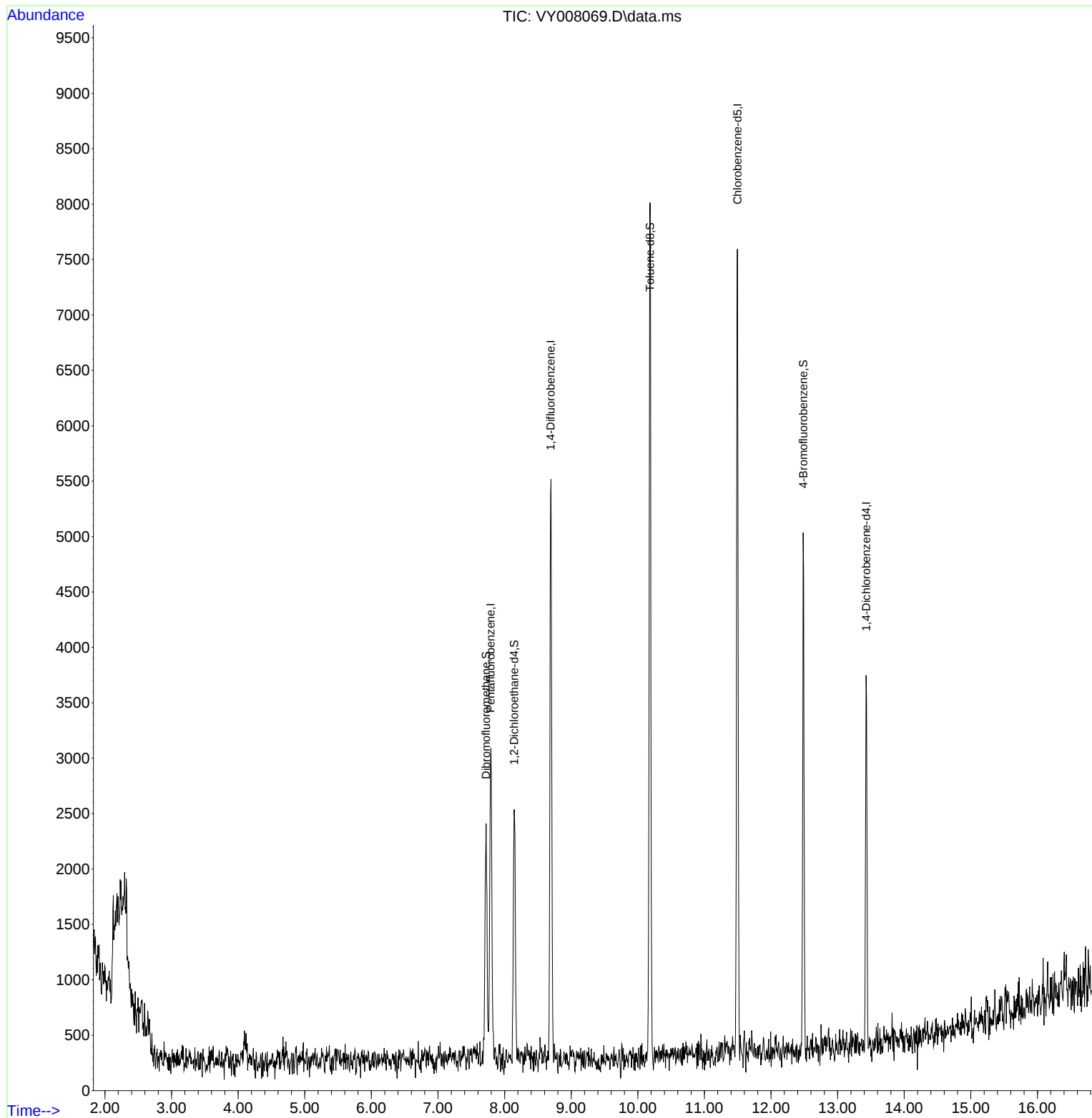
Target Compounds	Qvalue

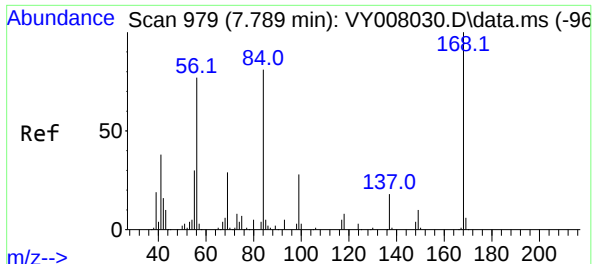
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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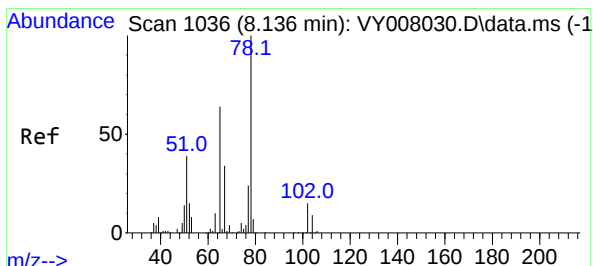
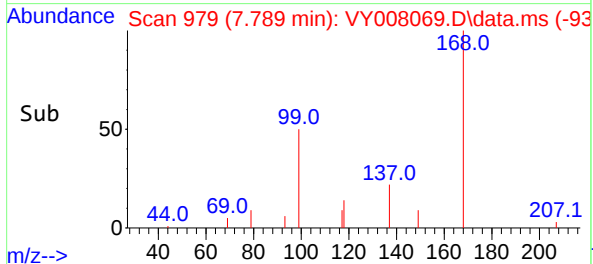
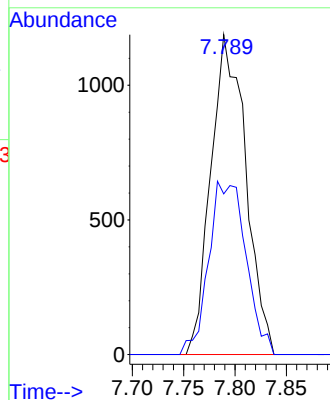
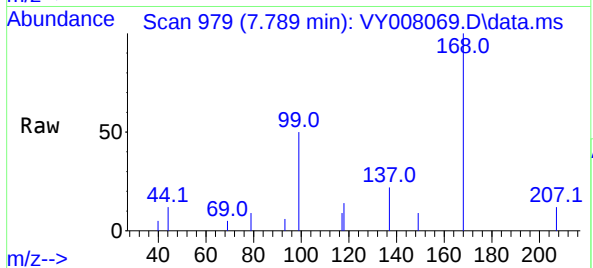




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008069.D
Acq: 28 Mar 2022 17:04

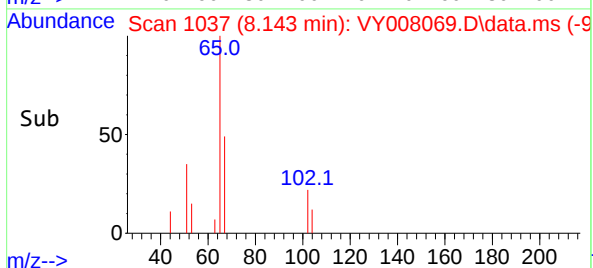
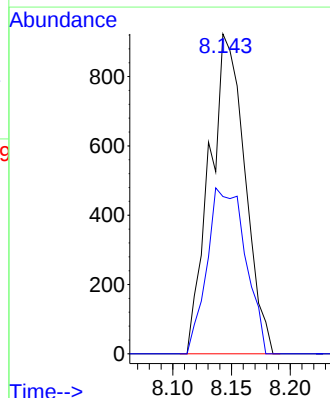
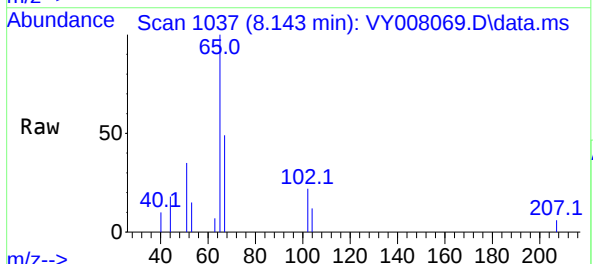
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.0-10.0RE

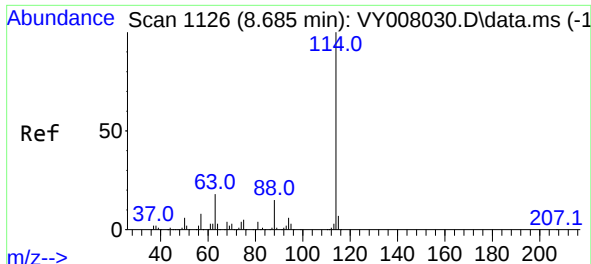
Tgt Ion:168 Resp: 2808
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.435 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008069.D
Acq: 28 Mar 2022 17:04

Tgt Ion: 65 Resp: 1928
Ion Ratio Lower Upper
65 100
67 56.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008069.D

Acq: 28 Mar 2022 17:04

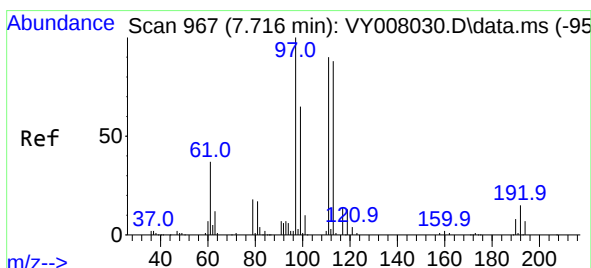
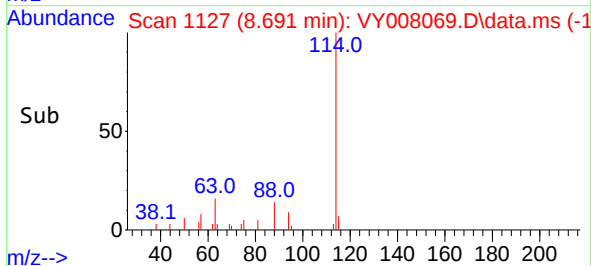
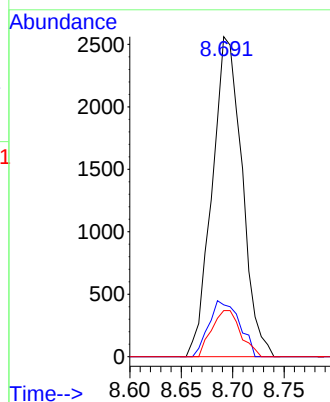
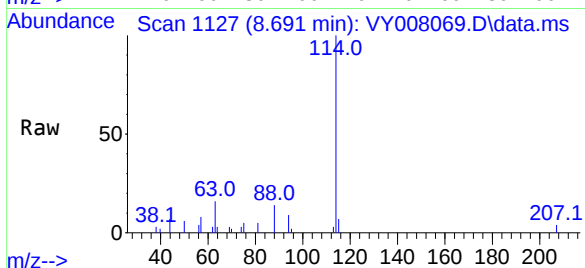
Instrument :

MSVOA_Y

ClientSampleId :

SB-08-9.0-10.0RE

Tgt Ion:114	Resp:	5179
Ion	Ratio	Lower Upper
114	100	
63	16.2	0.0 43.2
88	14.4	0.0 31.8



#35

Dibromofluoromethane

Concen: 50.384 ug/l

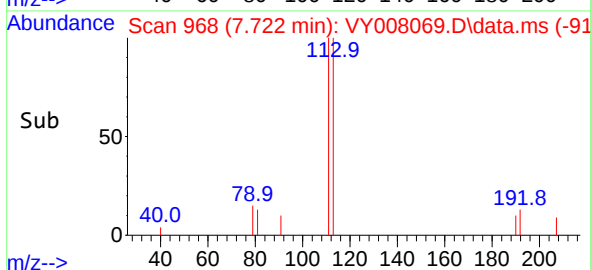
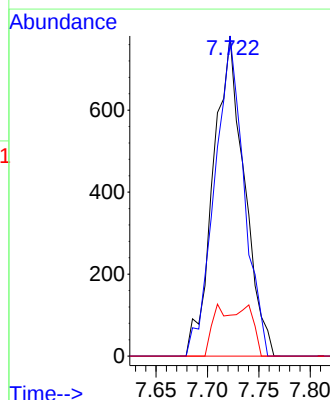
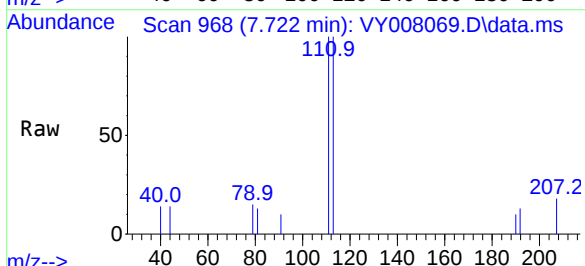
RT: 7.722 min Scan# 968

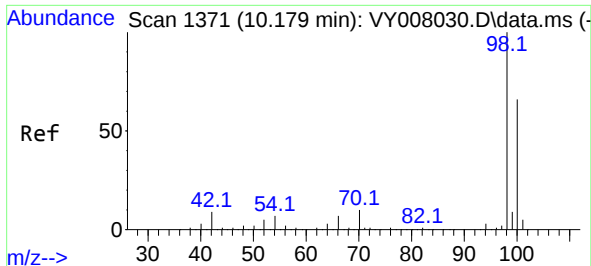
Delta R.T. 0.006 min

Lab File: VY008069.D

Acq: 28 Mar 2022 17:04

Tgt Ion:113	Resp:	1636
Ion	Ratio	Lower Upper
113	100	
111	94.5	82.6 124.0
192	8.9	17.6 26.4

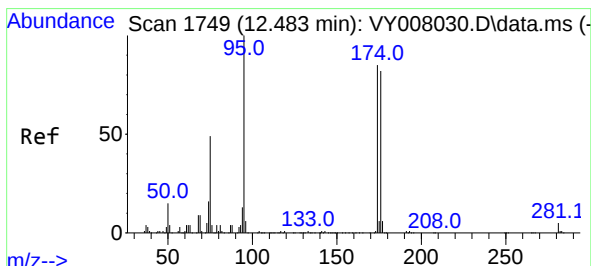
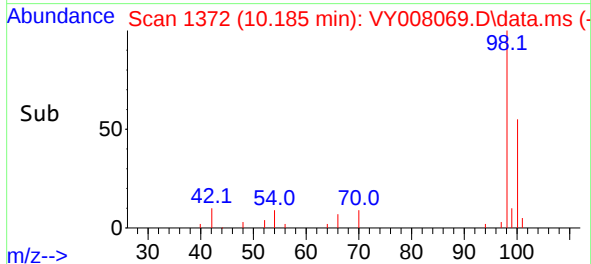
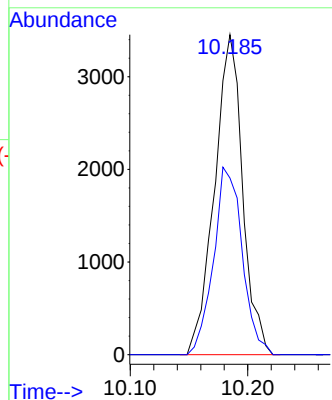
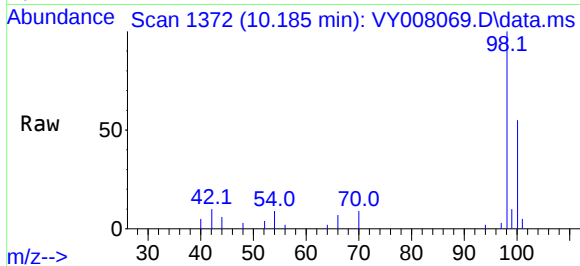




#50
Toluene-d8
Concen: 46.920 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008069.D
Acq: 28 Mar 2022 17:04

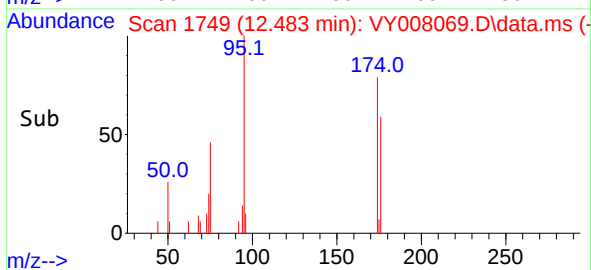
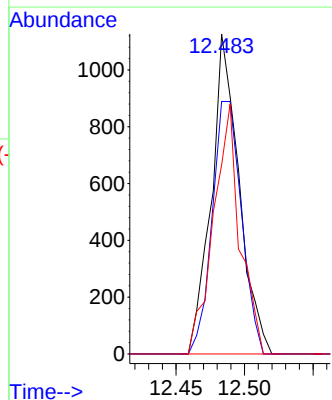
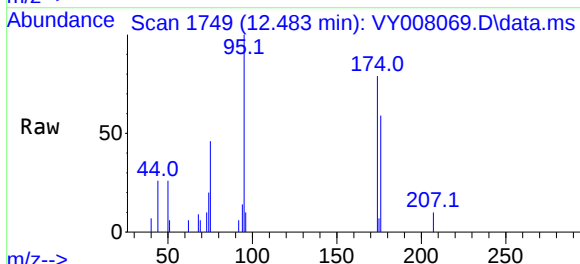
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.0-10.0RE

Tgt Ion: 98 Resp: 5740
Ion Ratio Lower Upper
98 100
100 59.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.770 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008069.D
Acq: 28 Mar 2022 17:04

Tgt Ion: 95 Resp: 1587
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 74.1 0.0 175.8

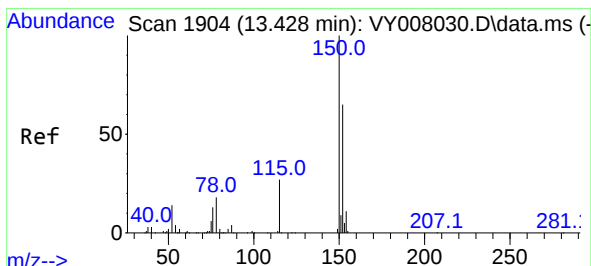
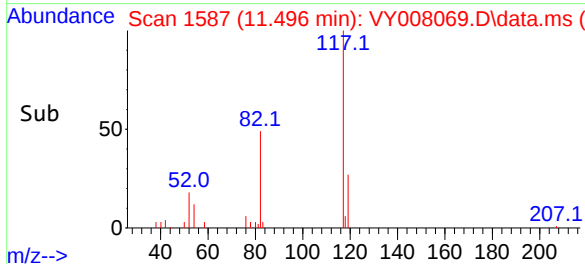
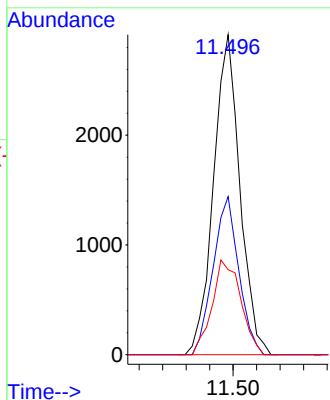
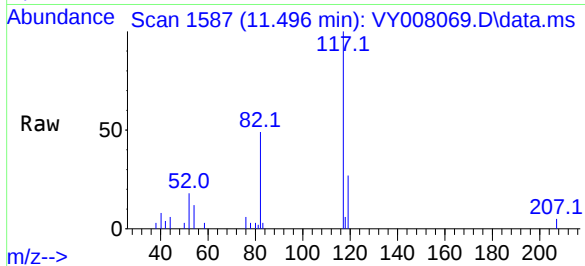




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008069.D
Acq: 28 Mar 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.0-10.0RE

Tgt Ion:	117	Resp:	4548
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.0	64.4
119	26.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008069.D
Acq: 28 Mar 2022 17:04

Tgt Ion:	152	Resp:	1013
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	166.9	0.0	347.6

