

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008160.D
 Acq On : 01 Apr 2022 14:54
 Operator : SY/MD
 Sample : N2220-02
 Misc : 7.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A10095

Quant Time: Apr 02 03:57:06 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	115877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27782	23.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.800%#
35) Dibromofluoromethane	7.716	113	42350	39.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.580%
50) Toluene-d8	10.179	98	192578	48.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.483	95	44667	31.577	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.160%

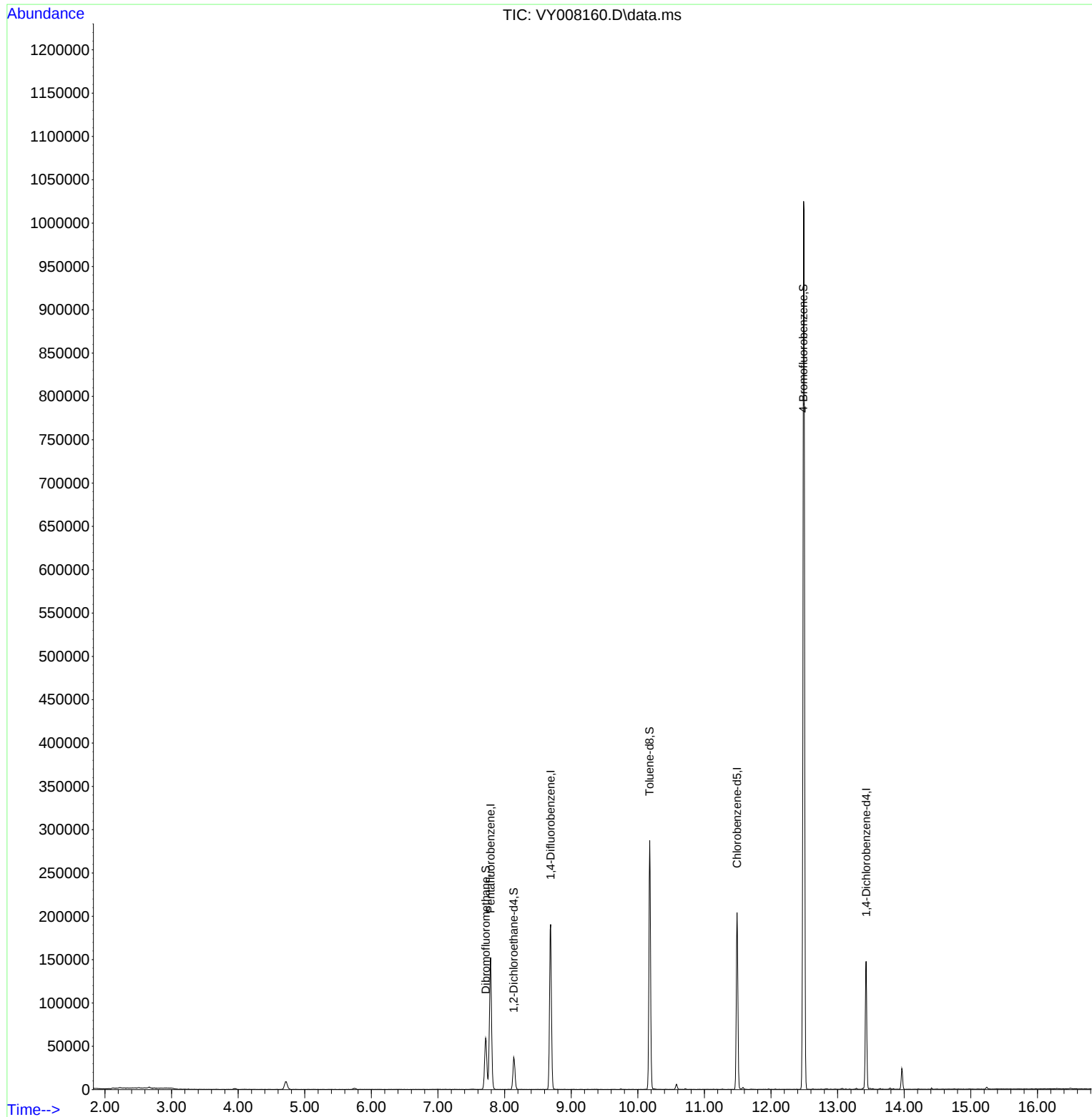
Target Compounds	Qvalue

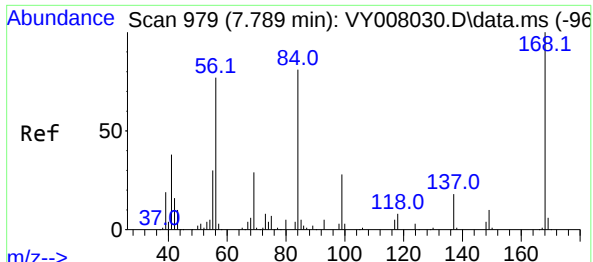
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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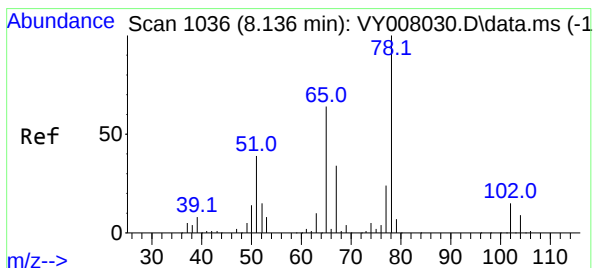
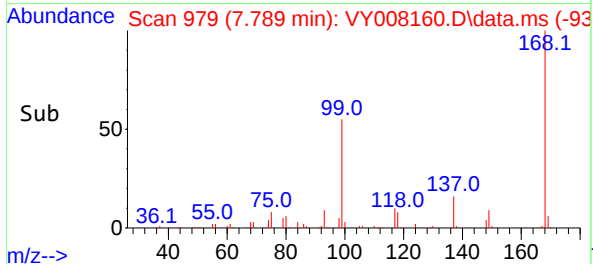
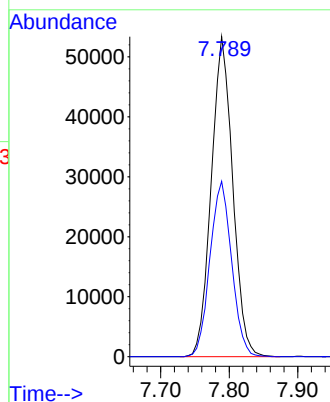
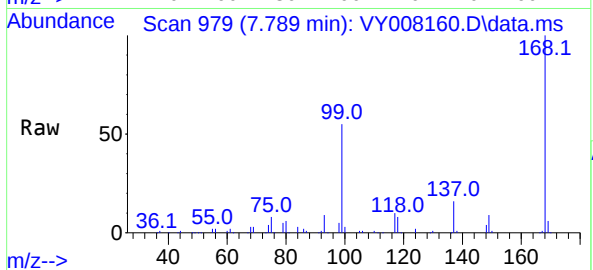




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

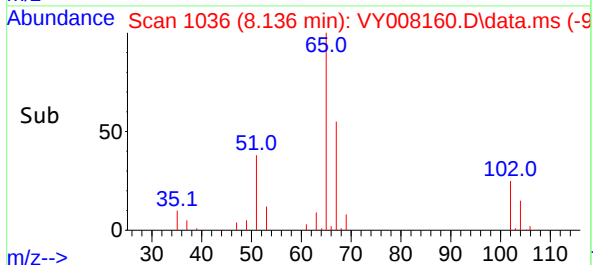
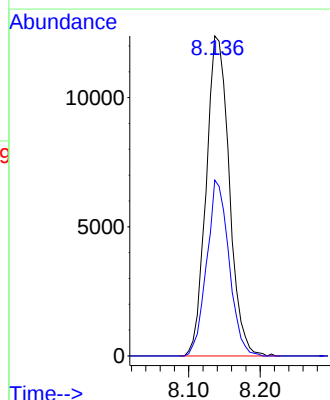
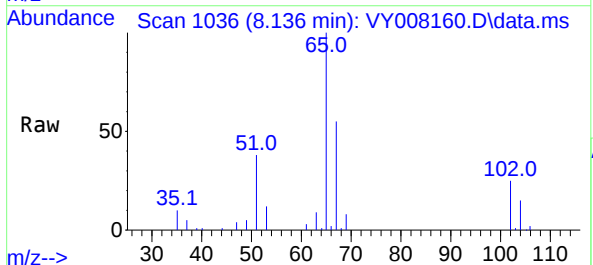
Instrument :
MSVOA_Y
ClientSampleId :
A10095

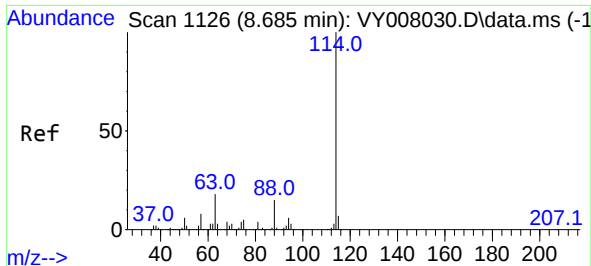
Tgt Ion:168 Resp: 115877
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 23.897 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Tgt Ion: 65 Resp: 27782
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008160.D

Acq: 01 Apr 2022 14:54

Instrument :

MSVOA_Y

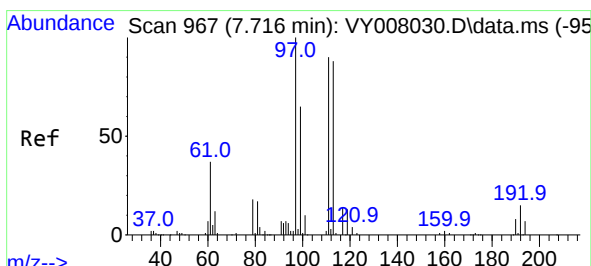
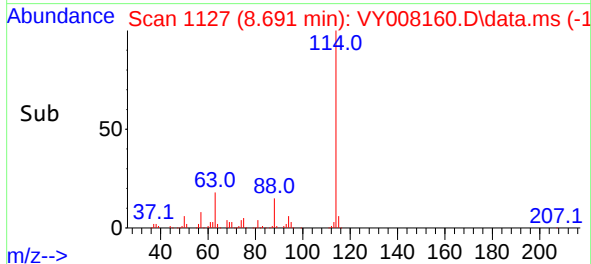
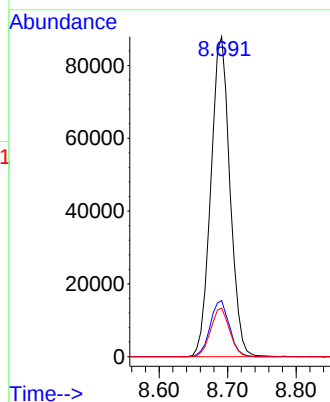
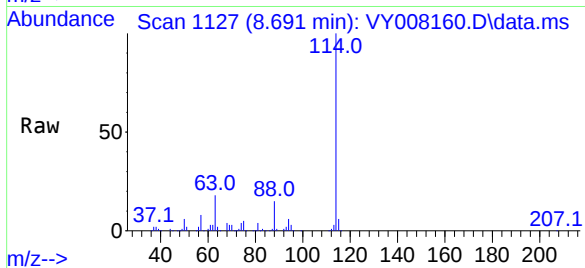
ClientSampleId :

A10095

Tgt Ion:114 Resp: 169739

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	43.2
88	15.2	0.0	31.8



#35

Dibromofluoromethane

Concen: 39.795 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

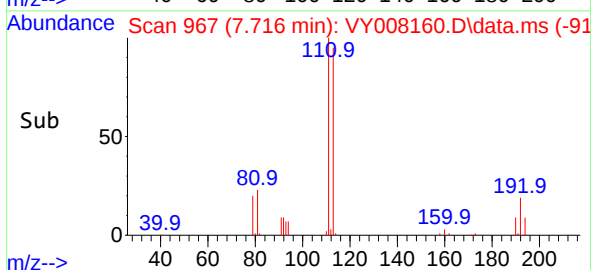
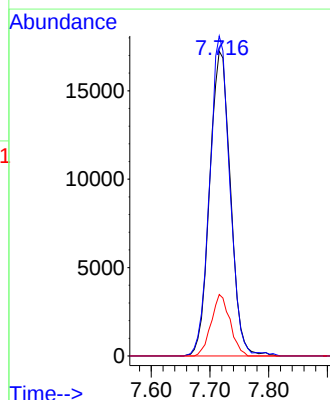
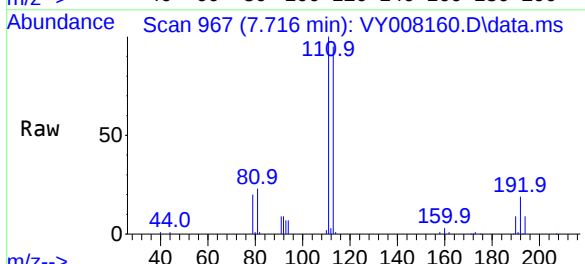
Lab File: VY008160.D

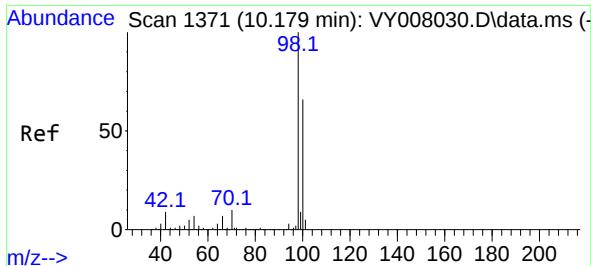
Acq: 01 Apr 2022 14:54

Tgt Ion:113 Resp: 42350

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	18.2	17.6	26.4

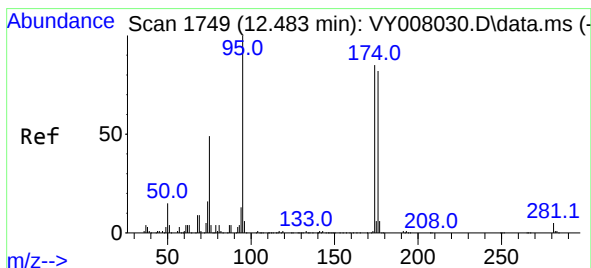
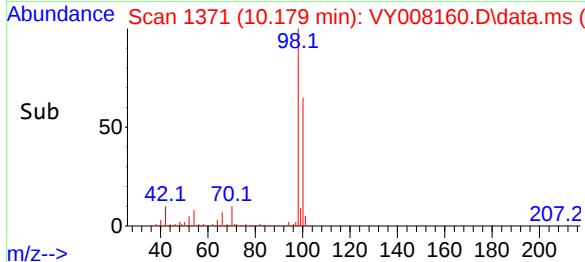
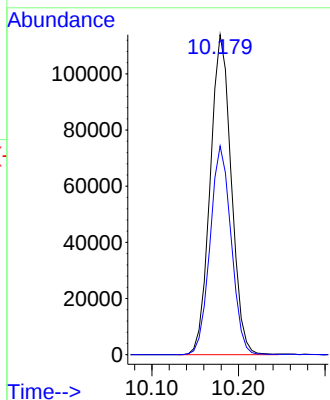
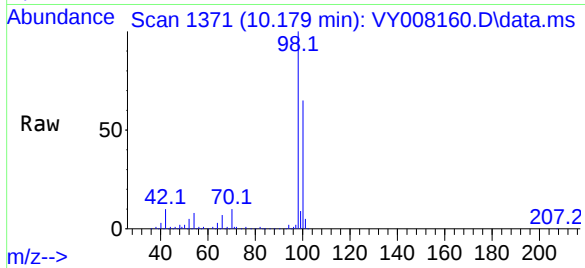




#50
Toluene-d8
Concen: 48.031 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

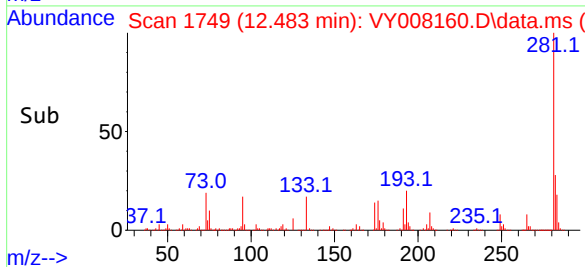
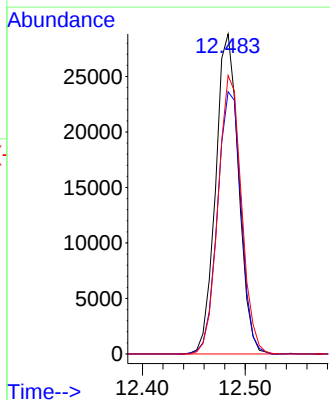
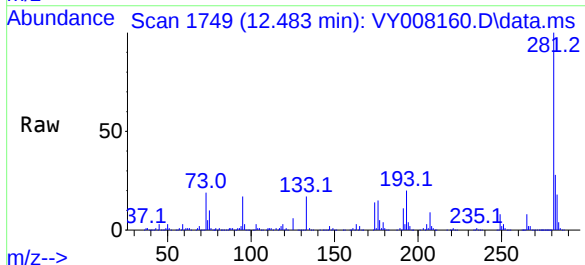
Instrument :
MSVOA_Y
ClientSampleId :
A10095

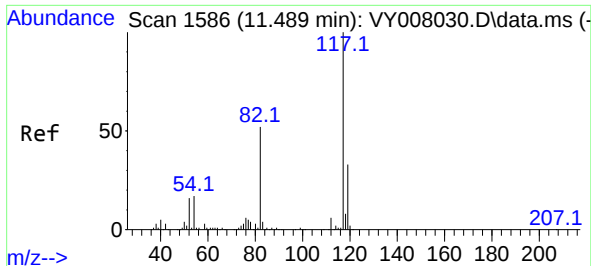
Tgt Ion: 98 Resp: 192578
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.577 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Tgt Ion: 95 Resp: 44667
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 88.4 0.0 175.8

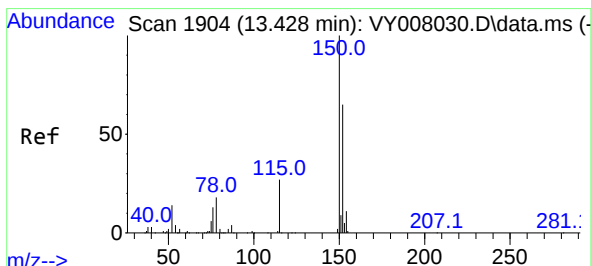
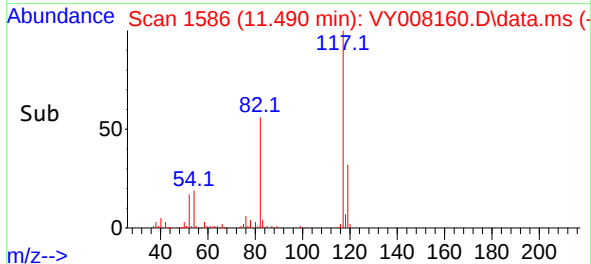
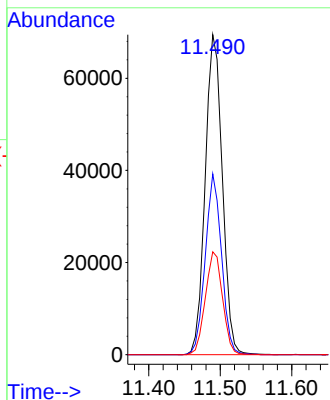
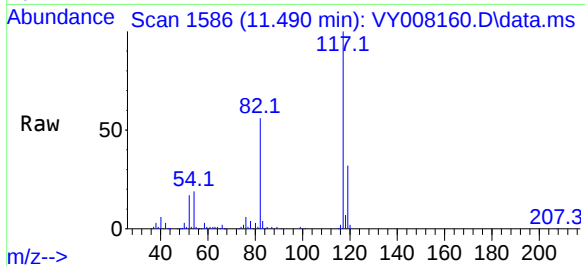




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
A10095

Tgt Ion:117 Resp: 115633
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 32.2 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: VY008160.D
Acq: 01 Apr 2022 14:54

Tgt Ion:152 Resp: 37274
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 156.7 0.0 347.6

