

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008212.D
 Acq On : 05 Apr 2022 16:14
 Operator : SY/MD
 Sample : N2237-07RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A01040RE

Quant Time: Apr 06 03:58:08 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	102130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	76925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48450	47.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.560%
35) Dibromofluoromethane	7.716	113	57011	57.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.080%
50) Toluene-d8	10.179	98	174630	46.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.483	95	18785	14.265	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	28.520%

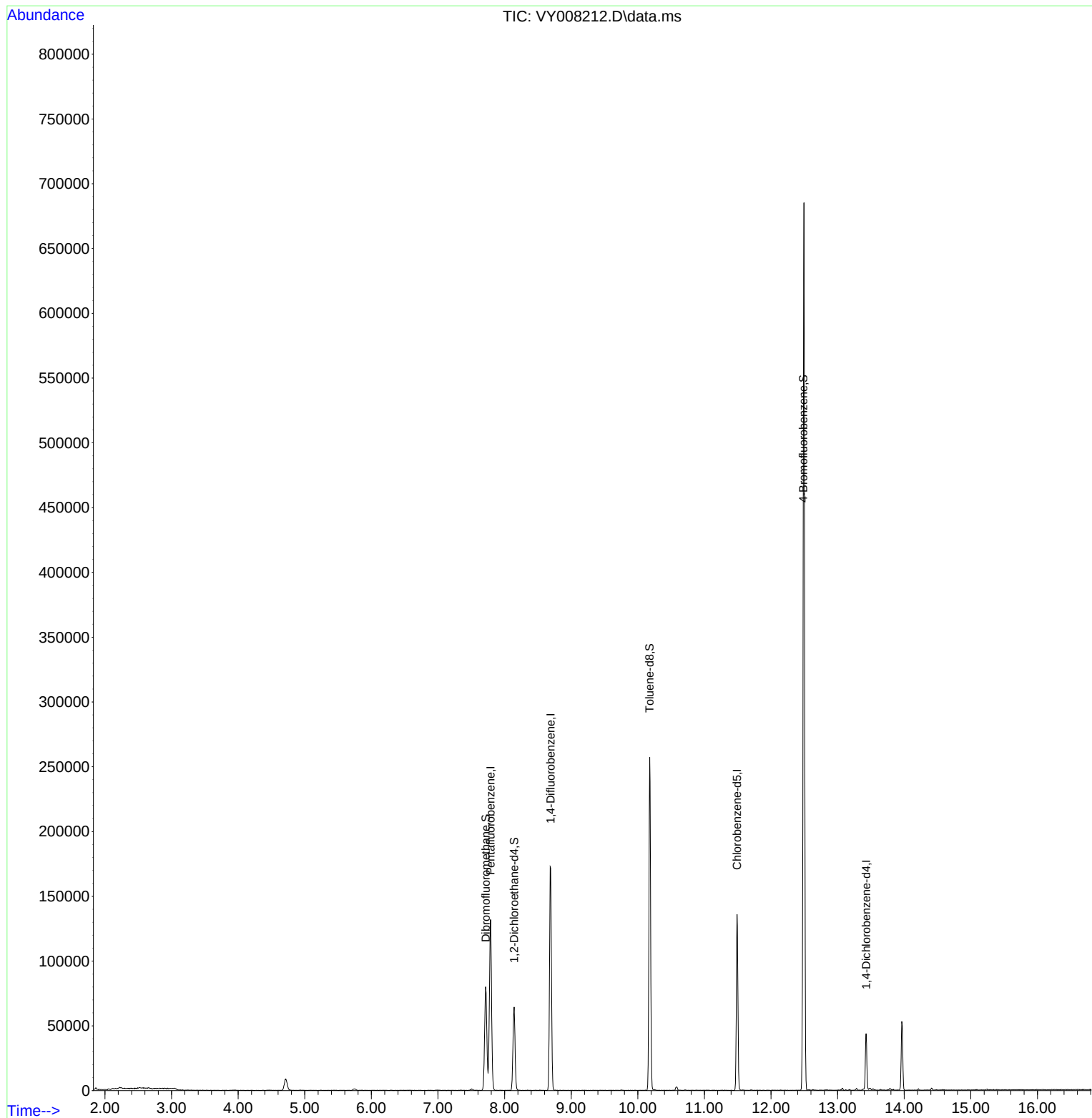
Target Compounds	Qvalue

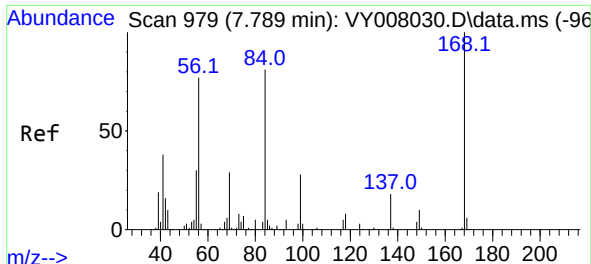
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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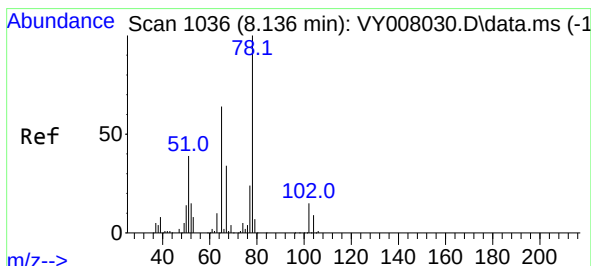
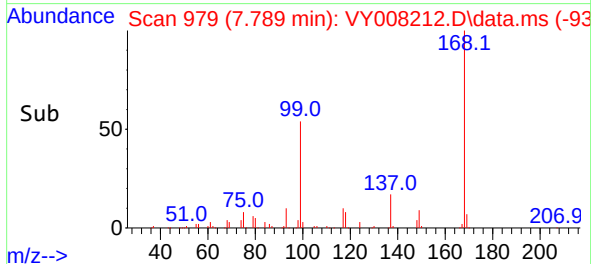
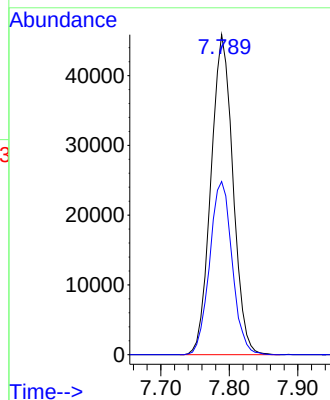
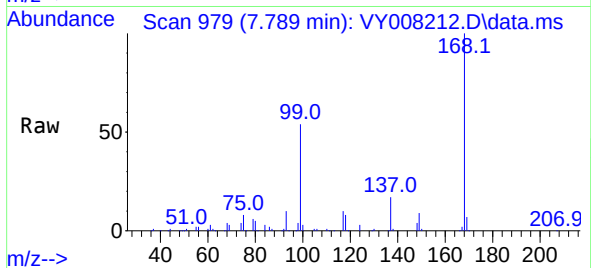




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

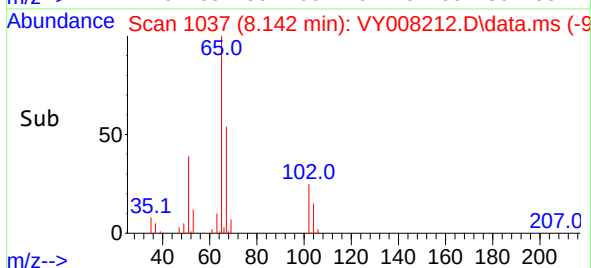
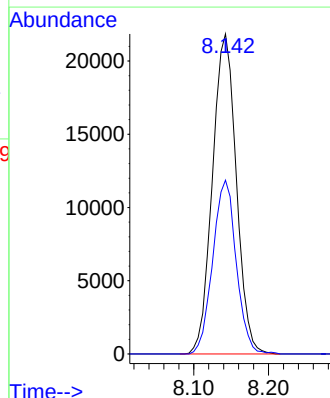
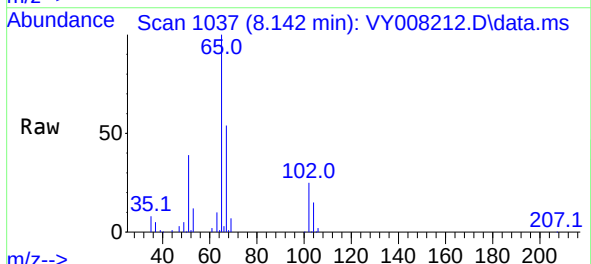
Instrument :
MSVOA_Y
ClientSampleId :
A01040RE

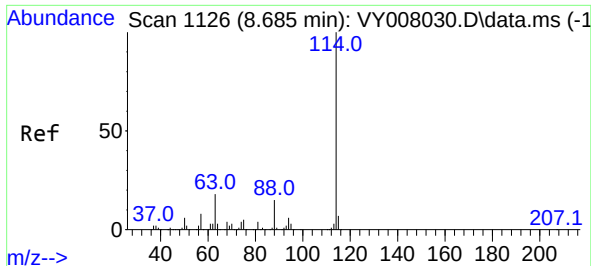
Tgt Ion:168 Resp: 102130
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.284 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion: 65 Resp: 48450
Ion Ratio Lower Upper
65 100
67 53.5 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: VY008212.D

Acq: 05 Apr 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

A01040RE

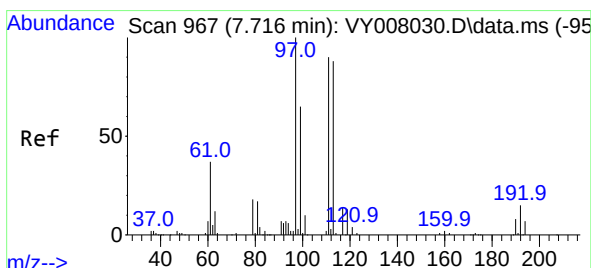
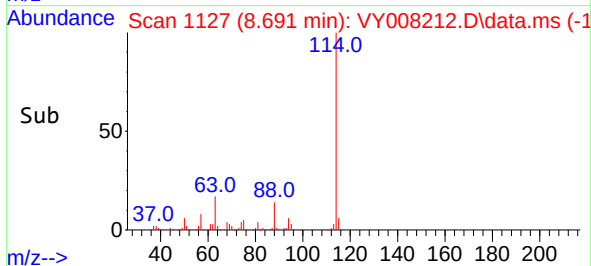
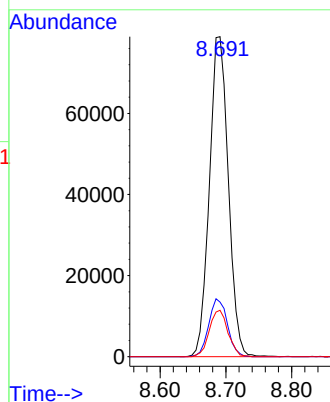
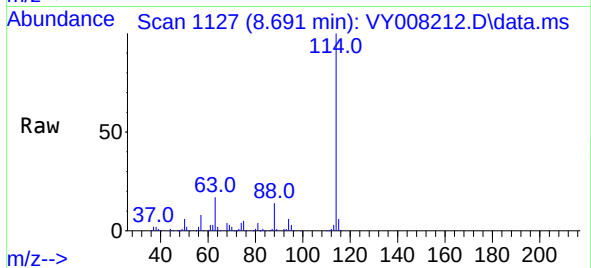
Tgt Ion:114 Resp: 158019

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.544 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008212.D

Acq: 05 Apr 2022 16:14

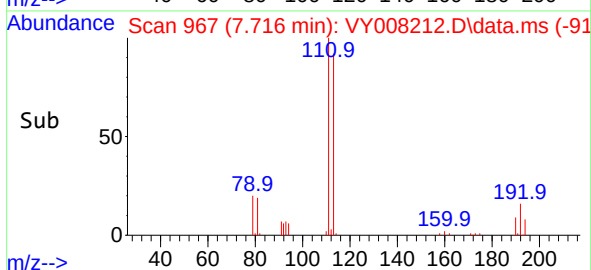
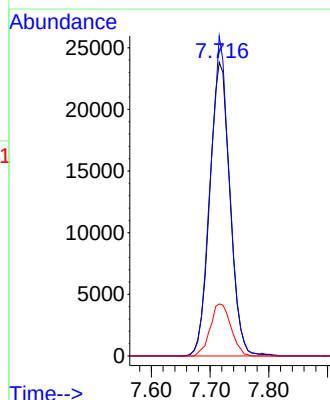
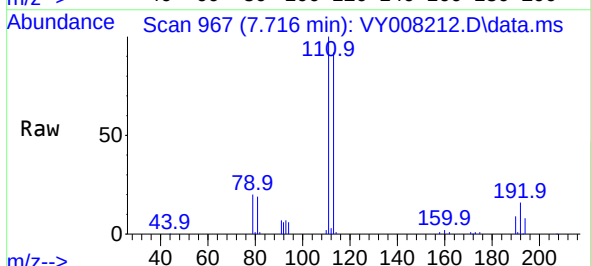
Tgt Ion:113 Resp: 57011

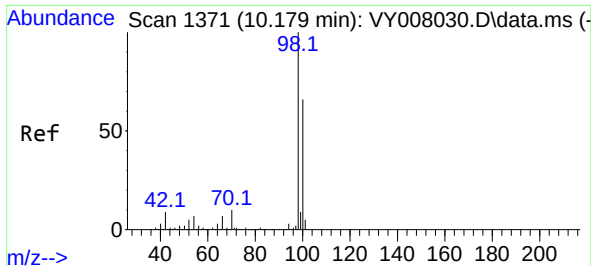
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.1 17.6 26.4

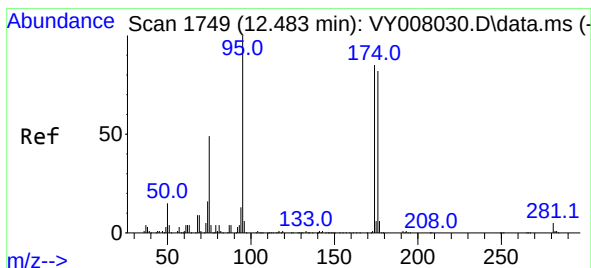
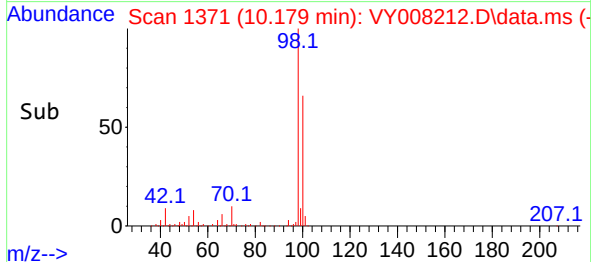
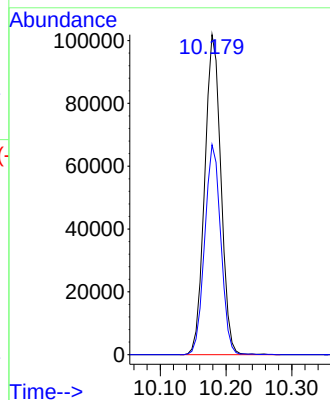
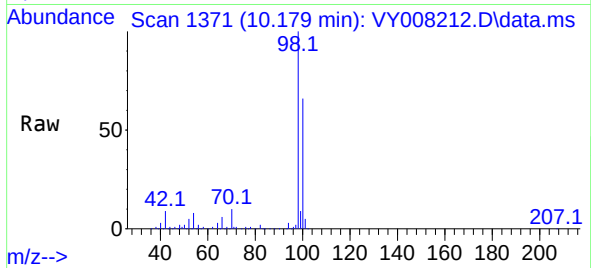




#50
Toluene-d8
Concen: 46.785 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

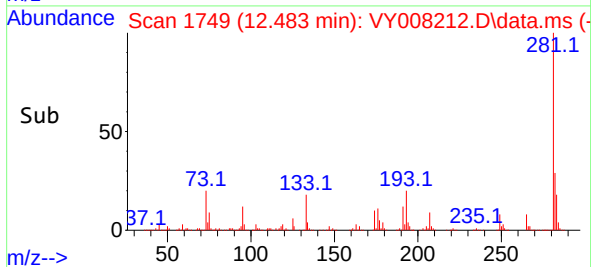
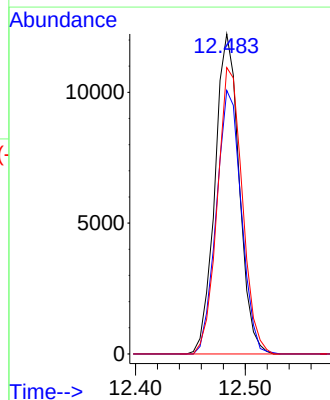
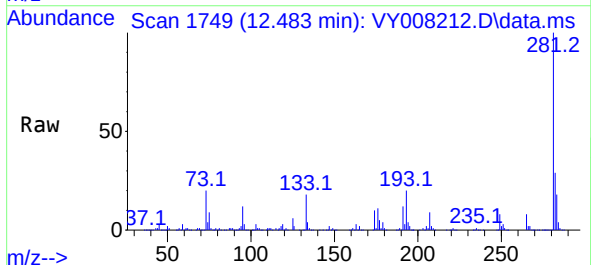
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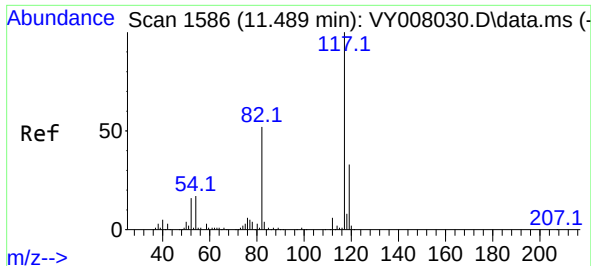
Tgt Ion: 98 Resp: 174630
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 14.265 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion: 95 Resp: 18785
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 92.0 0.0 175.8

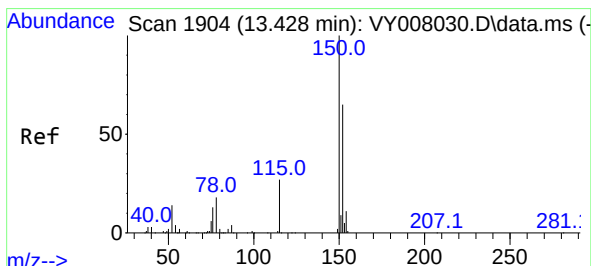
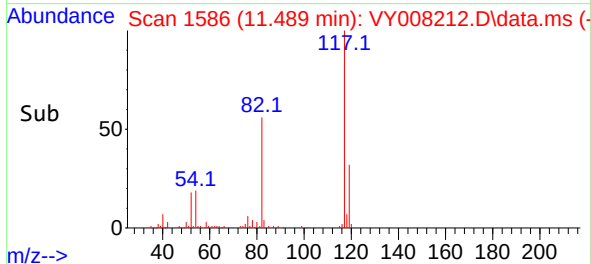
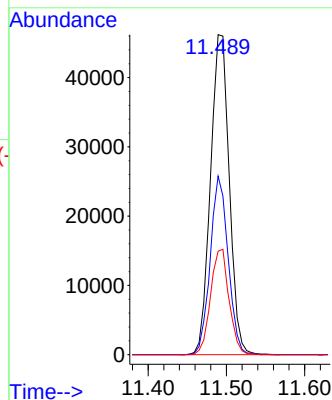
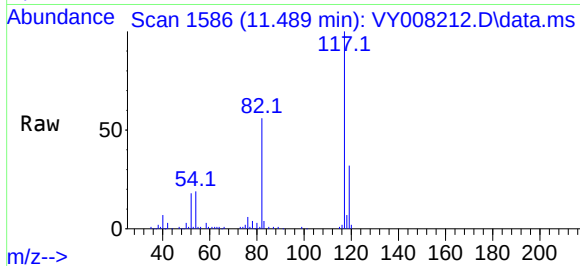




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :
A01040RE

Tgt Ion:	117	Resp:	76925
Ion Ratio	Lower	Upper	
117	100		
82	55.8	43.0	64.4
119	32.4	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: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion:	152	Resp:	10851
Ion Ratio	Lower	Upper	
152	100		
115	60.3	28.2	84.7
150	167.5	0.0	347.6

