

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008730.D
 Acq On : 12 May 2022 01:21
 Operator : KP/MD
 Sample : N2781-13
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-1824-01

Quant Time: May 12 09:29:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	95631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62457	76.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.440%
35) Dibromofluoromethane	7.716	113	56251	52.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.780%
50) Toluene-d8	10.179	98	210556	55.647	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.300%
62) 4-Bromofluorobenzene	12.483	95	62090	45.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.220%

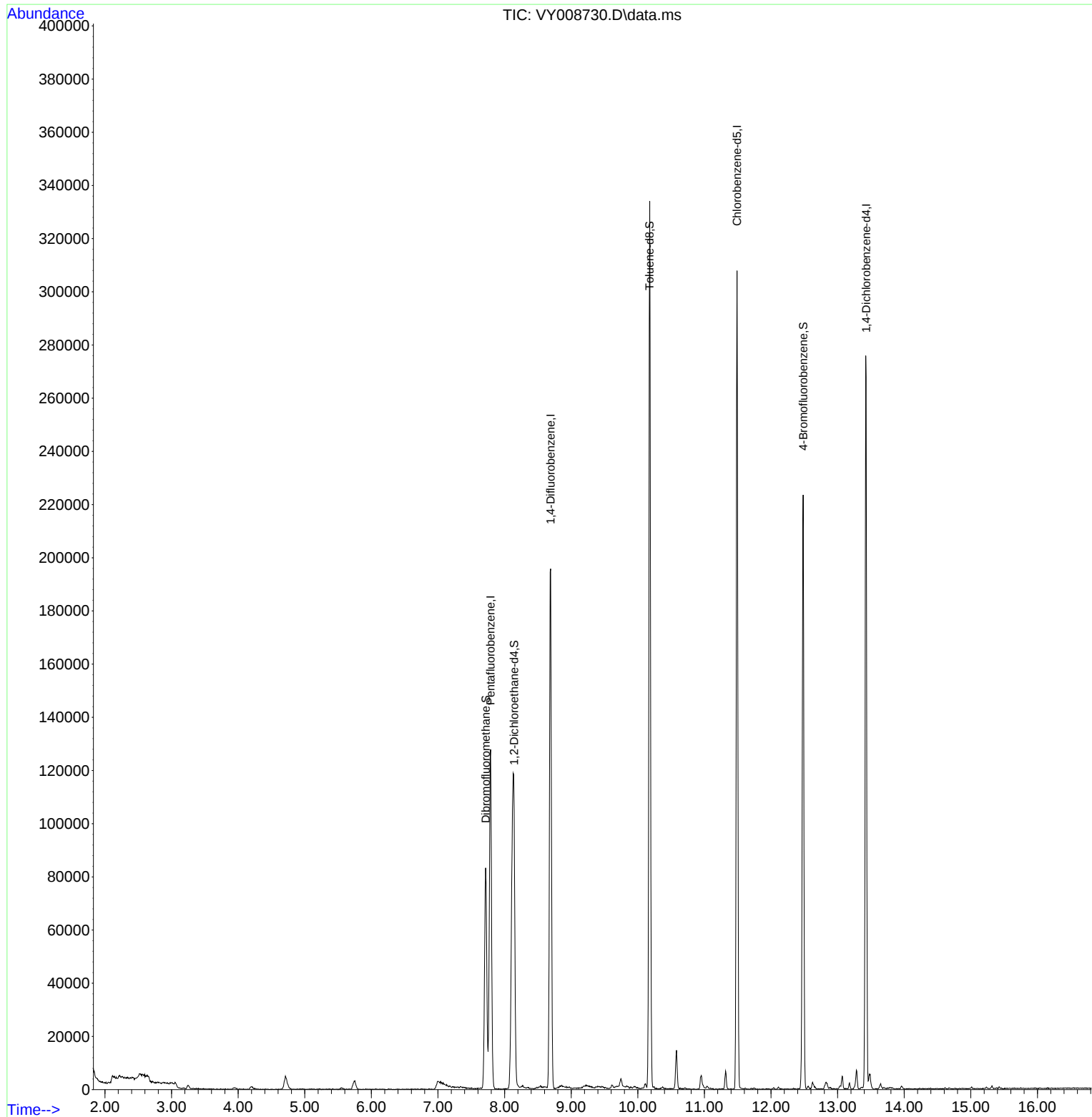
Target Compounds	Qvalue

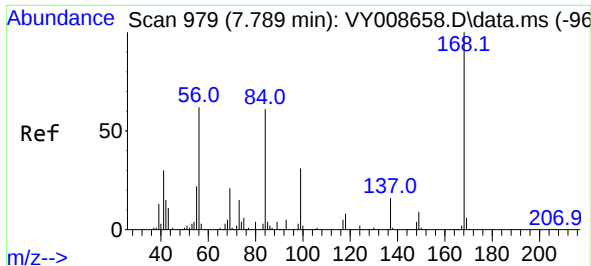
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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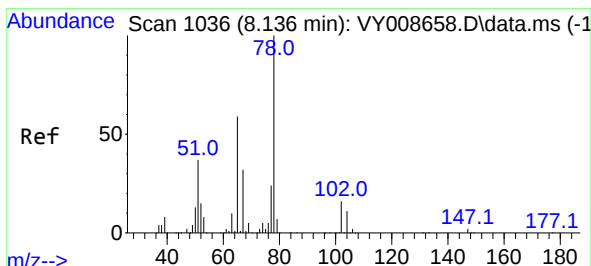
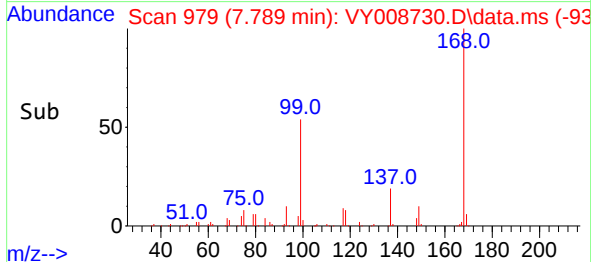
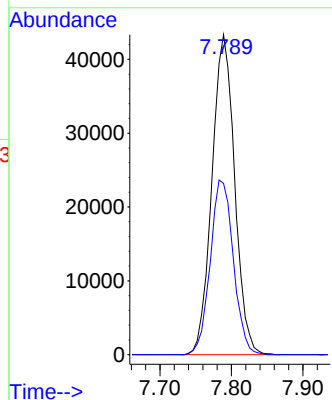
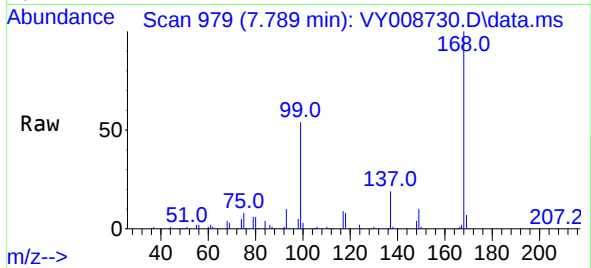




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008730.D
Acq: 12 May 2022 01:21

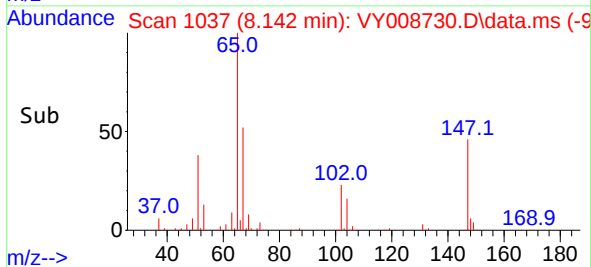
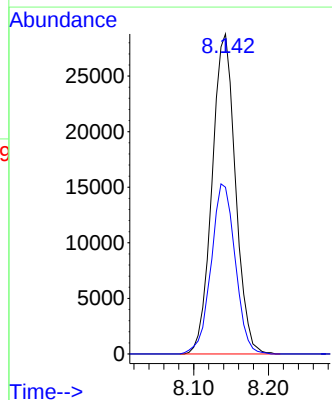
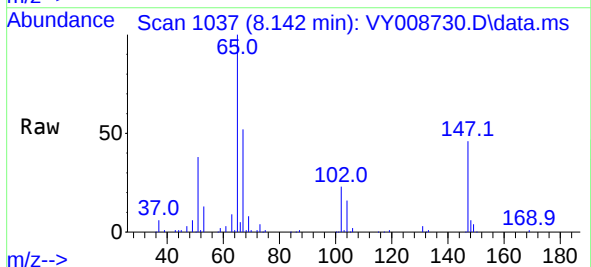
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-1824-01

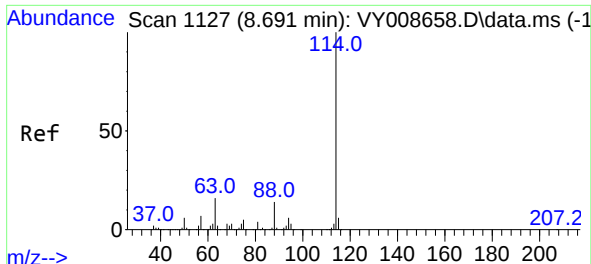
Tgt Ion:168 Resp: 95631
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 76.221 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008730.D
Acq: 12 May 2022 01:21

Tgt Ion: 65 Resp: 62457
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008730.D

Acq: 12 May 2022 01:21

Instrument :

MSVOA_Y

ClientSampleId :

P011-SS003-1824-01

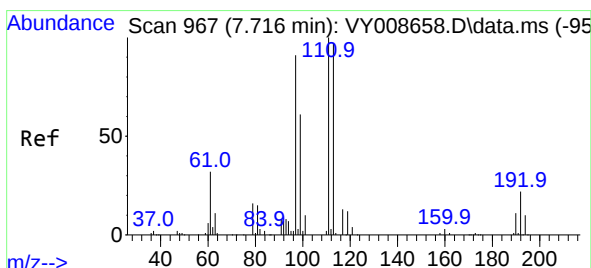
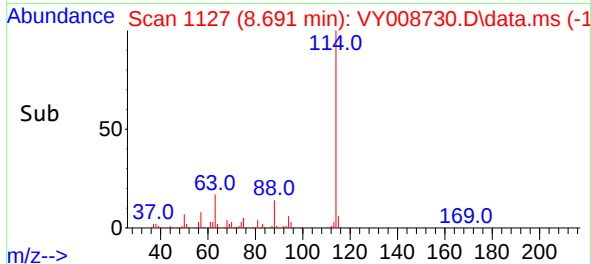
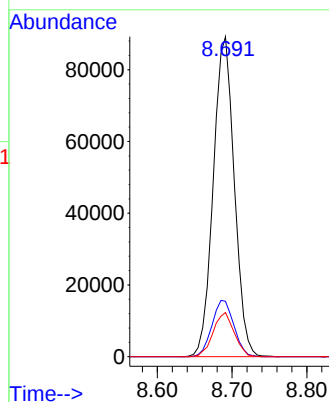
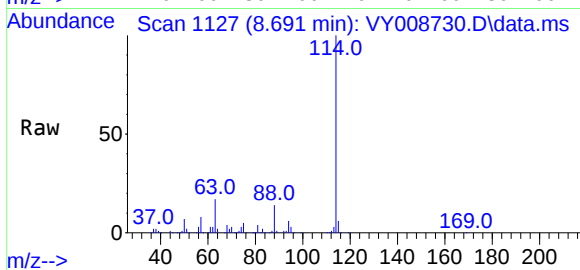
Tgt Ion:114 Resp: 174237

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.389 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008730.D

Acq: 12 May 2022 01:21

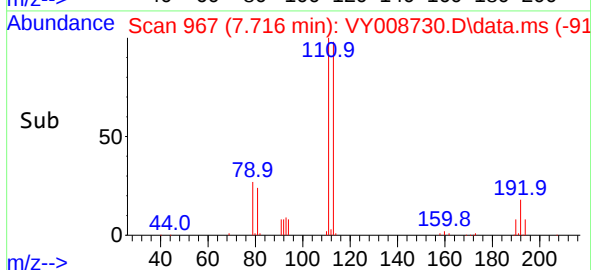
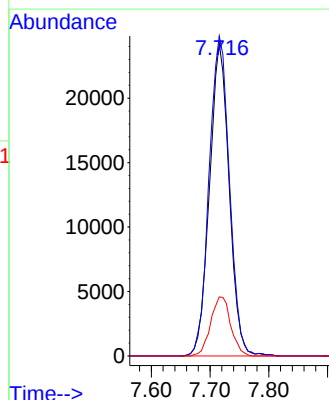
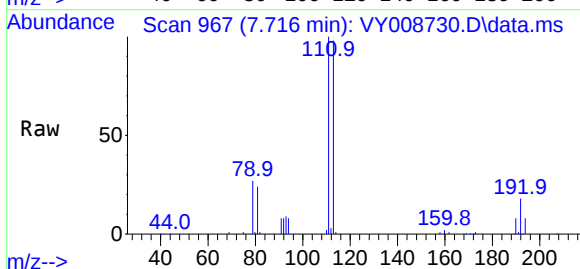
Tgt Ion:113 Resp: 56251

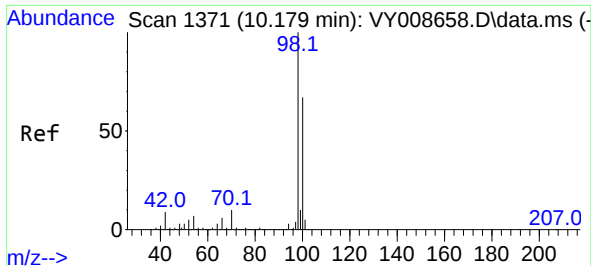
Ion Ratio Lower Upper

113 100

111 106.0 82.6 124.0

192 19.3 17.6 26.4

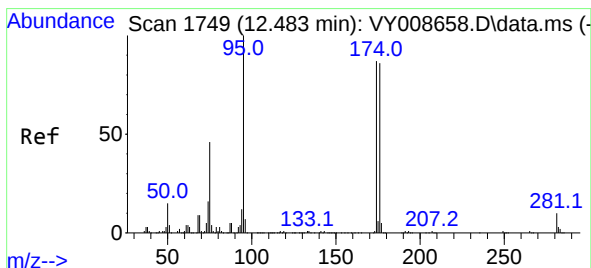
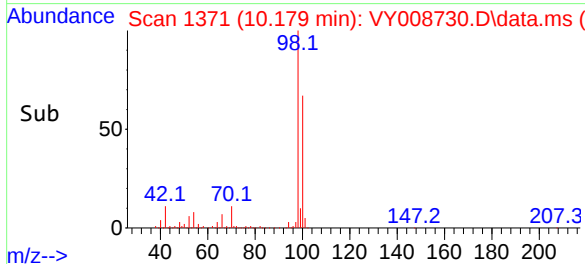
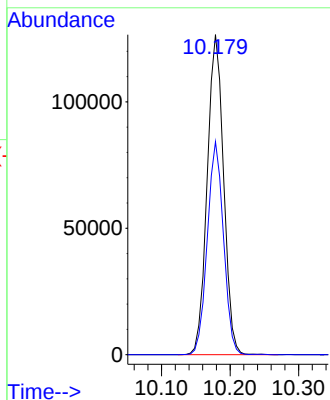
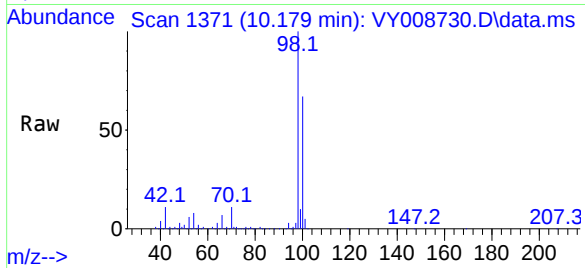




#50
Toluene-d8
Concen: 55.647 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008730.D
Acq: 12 May 2022 01:21

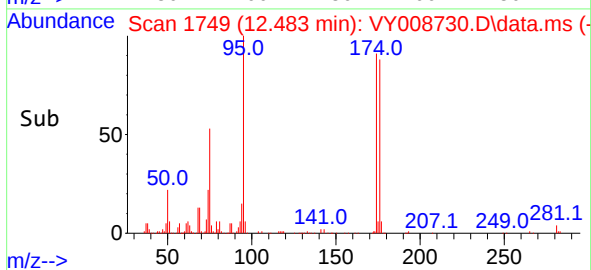
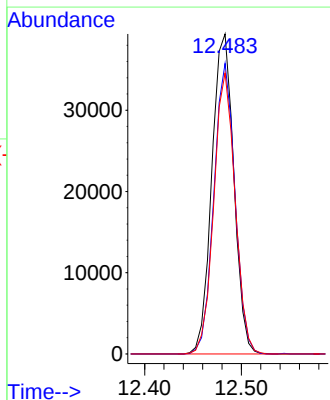
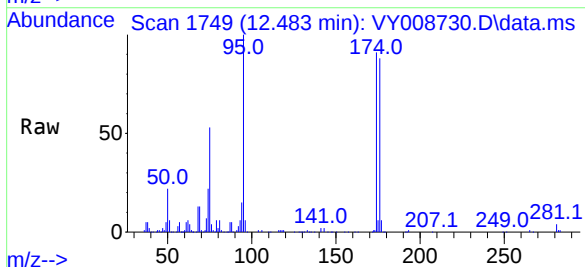
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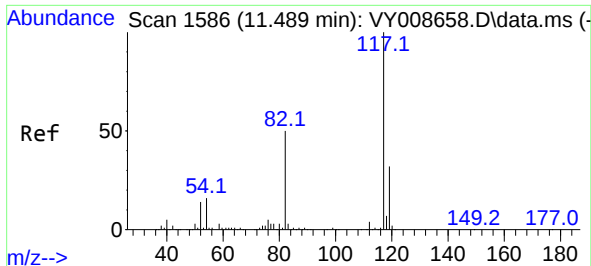
Tgt Ion: 98 Resp: 210556
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.612 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008730.D
Acq: 12 May 2022 01:21

Tgt Ion: 95 Resp: 62090
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 85.0 0.0 175.8

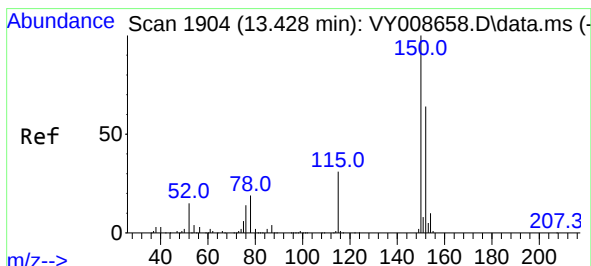
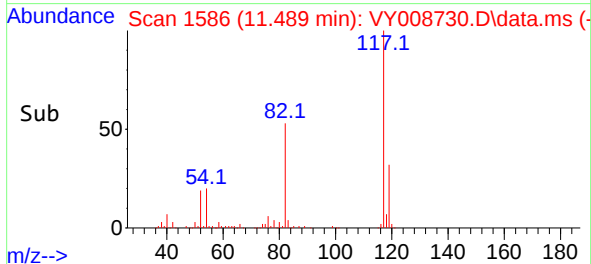
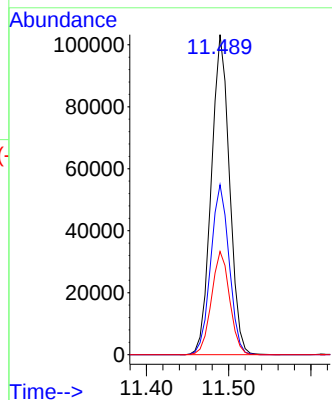
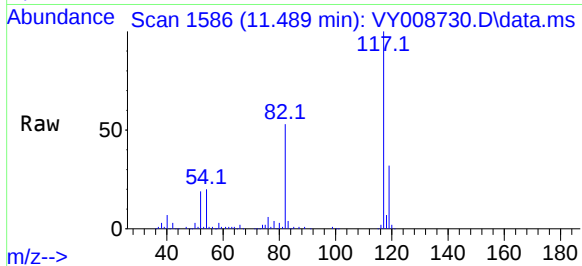




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008730.D
Acq: 12 May 2022 01:21

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-1824-01

Tgt Ion:117 Resp: 159099
Ion Ratio Lower Upper
117 100
82 53.1 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: VY008730.D
Acq: 12 May 2022 01:21

Tgt Ion:152 Resp: 68729
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.6 0.0 347.6

