

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015172.D
 Acq On : 17 Aug 2023 15:17
 Operator : SY/MD
 Sample : 04046-04
 Misc : 3.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07(0-5)

Quant Time: Aug 18 00:54:25 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	126926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85035	55.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.620%
35) Dibromofluoromethane	7.710	113	71013	49.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.179	98	269494	50.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.483	95	101347	52.287	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.580%

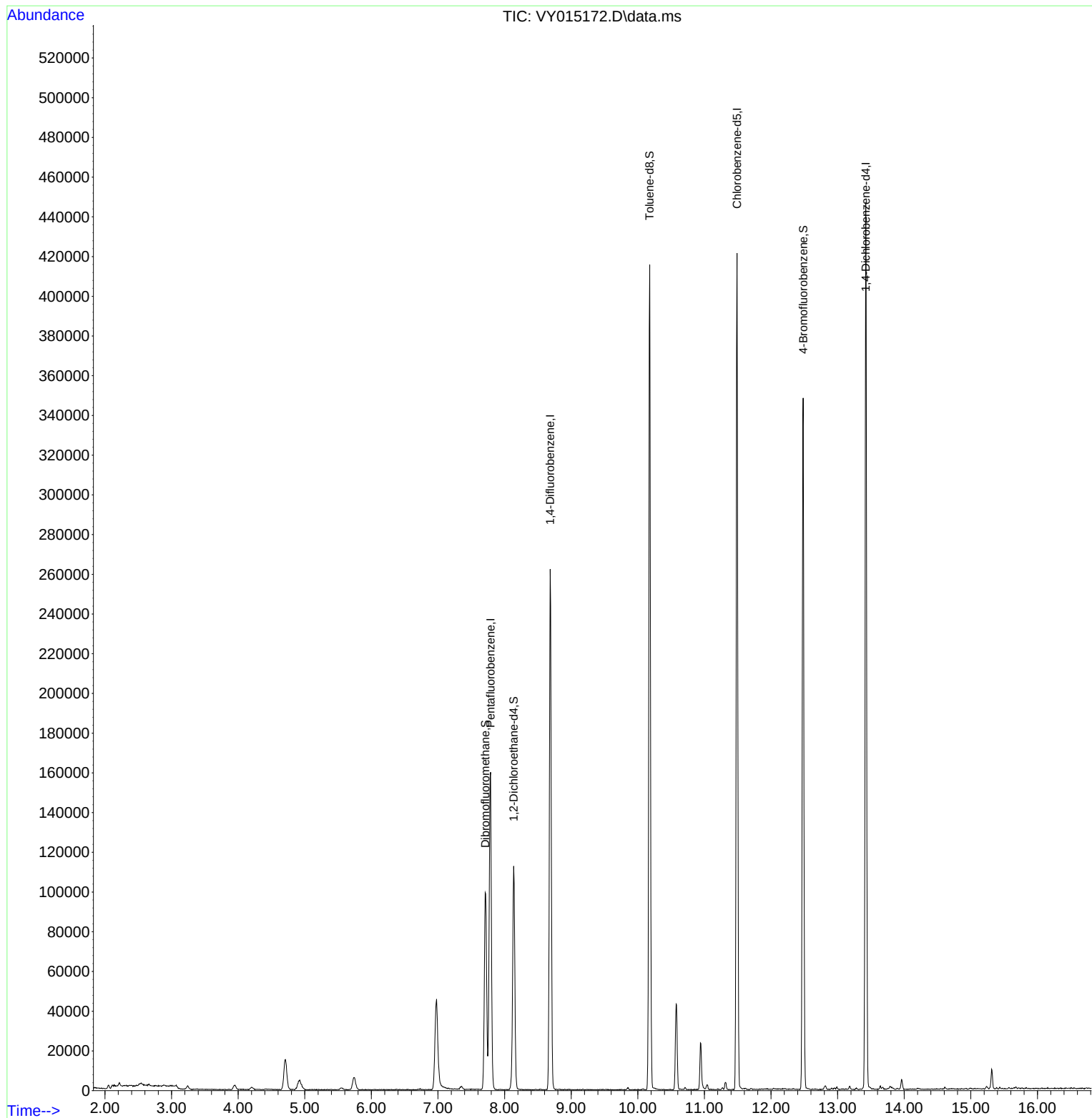
Target Compounds	Qvalue

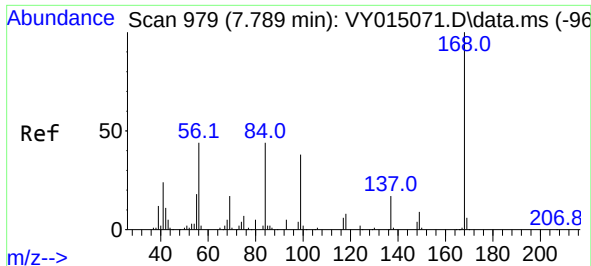
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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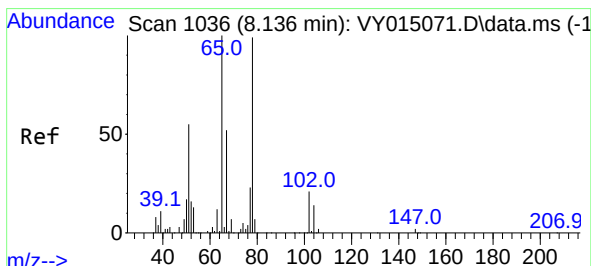
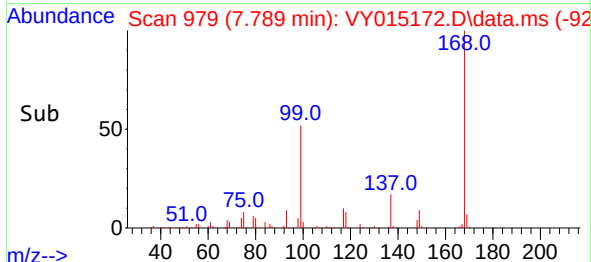
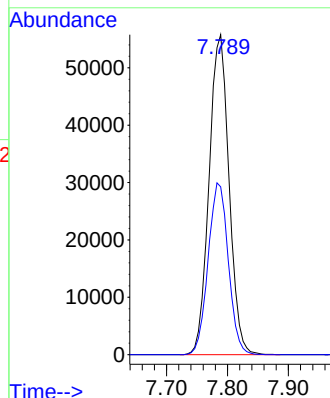
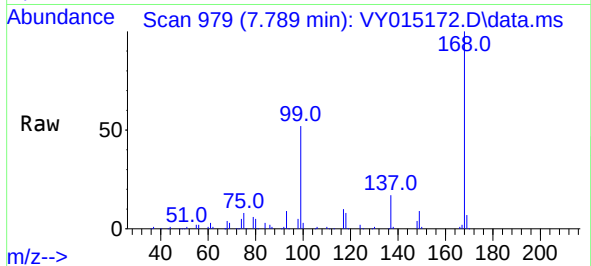




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015172.D
Acq: 17 Aug 2023 15:17

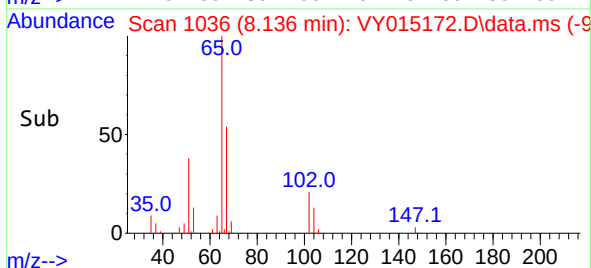
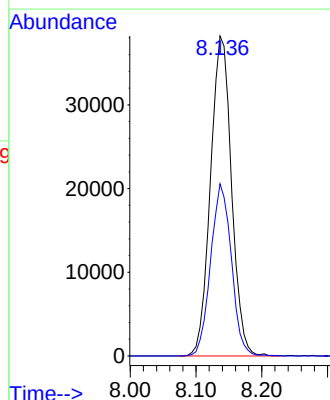
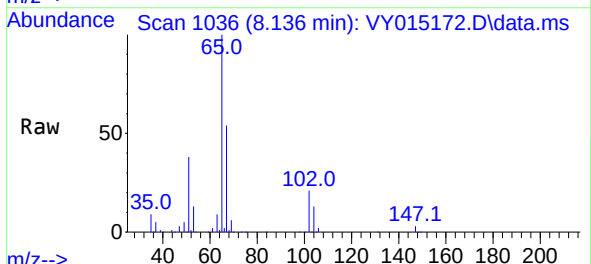
Instrument :
MSVOA_Y
ClientSampleId :
SB-07(0-5)

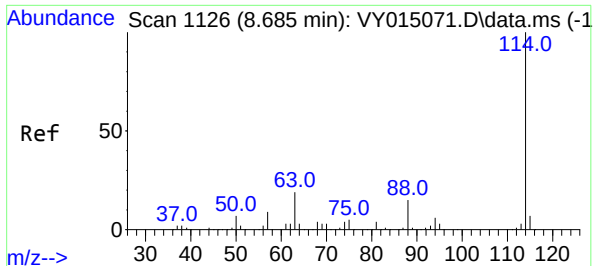
Tgt Ion:168 Resp: 126926
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.811 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015172.D
Acq: 17 Aug 2023 15:17

Tgt Ion: 65 Resp: 85035
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015172.D

Acq: 17 Aug 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-07(0-5)

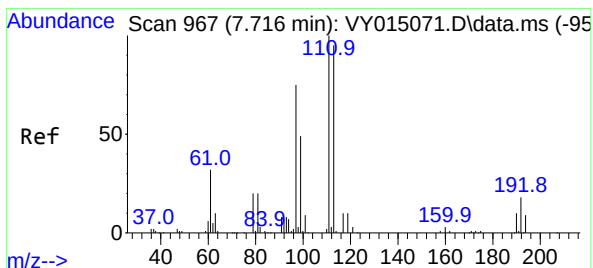
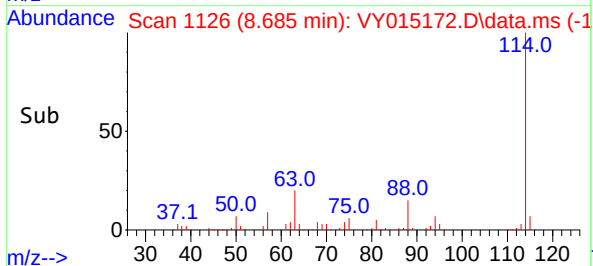
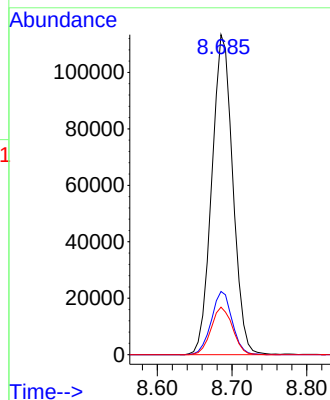
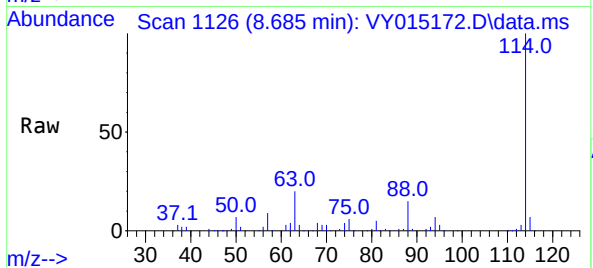
Tgt Ion:114 Resp: 221591

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.814 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015172.D

Acq: 17 Aug 2023 15:17

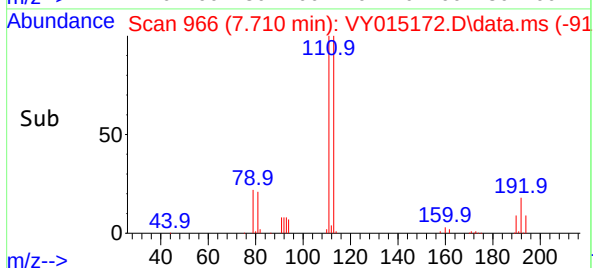
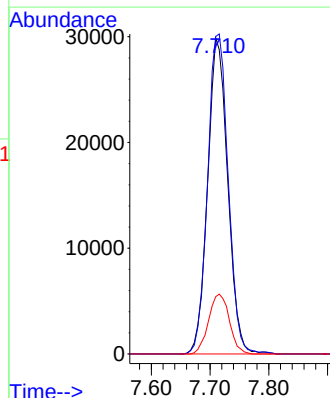
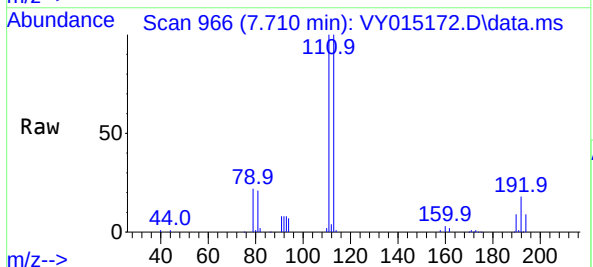
Tgt Ion:113 Resp: 71013

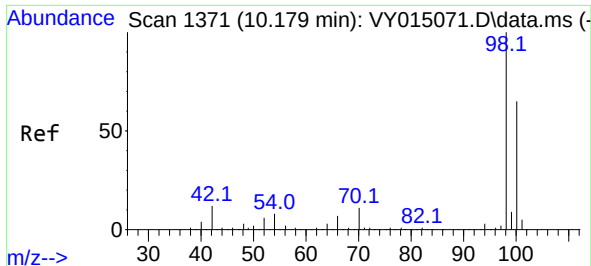
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 19.5 16.9 25.3

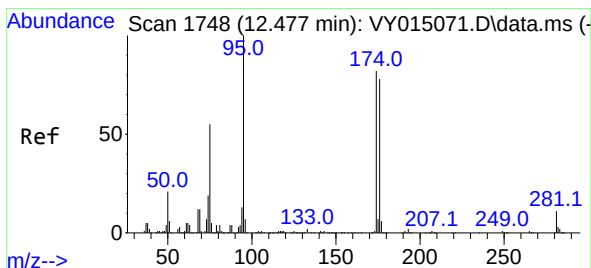
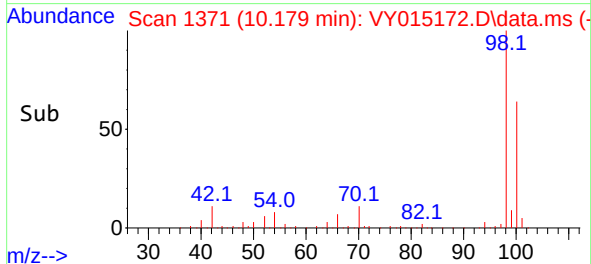
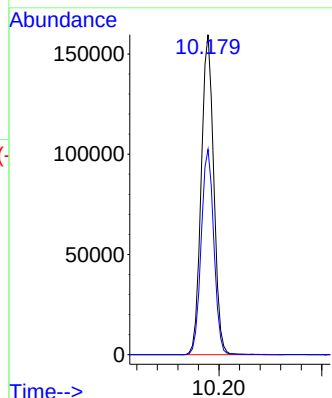
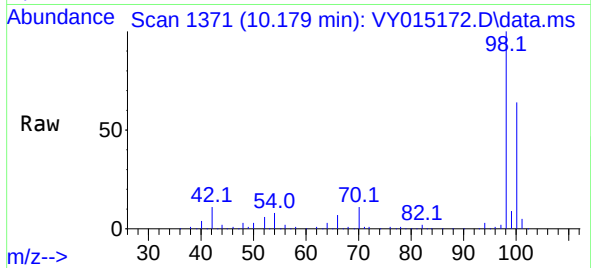




#50
Toluene-d8
Concen: 50.783 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015172.D
Acq: 17 Aug 2023 15:17

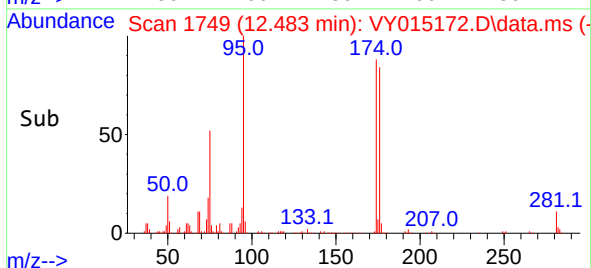
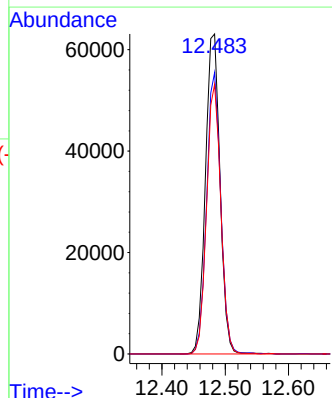
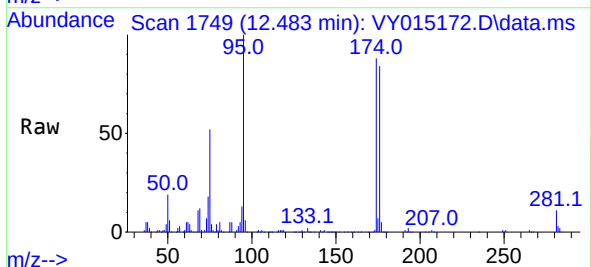
Instrument :
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SB-07(0-5)

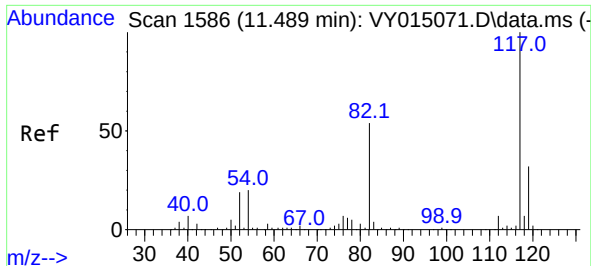
Tgt Ion: 98 Resp: 269494
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015172.D
Acq: 17 Aug 2023 15:17

Tgt Ion: 95 Resp: 101347
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.1 0.0 173.8

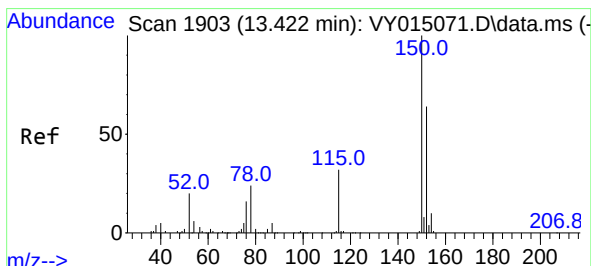
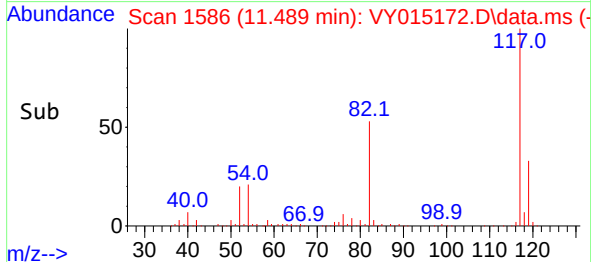
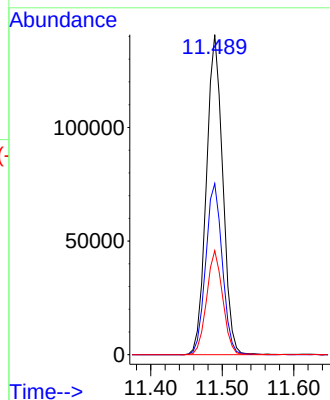
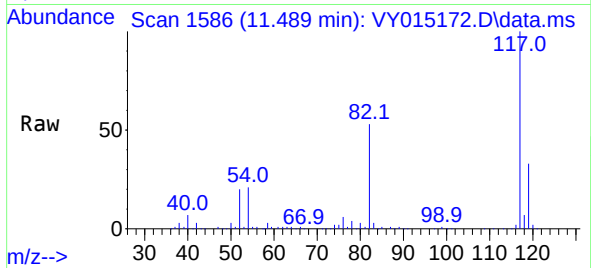




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015172.D
Acq: 17 Aug 2023 15:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-07(0-5)

Tgt Ion:117 Resp: 223962
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015172.D
Acq: 17 Aug 2023 15:17

Tgt Ion:152 Resp: 113578
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 157.7 0.0 348.8

