

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014007.D
 Acq On : 05 Jun 2023 15:09
 Operator : KP/MD
 Sample : 03016-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP04

Quant Time: Jun 06 03:55:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	160218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113393	53.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.920%
35) Dibromofluoromethane	7.716	113	94989	54.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.179	98	342032	51.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.477	95	113973	49.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.880%

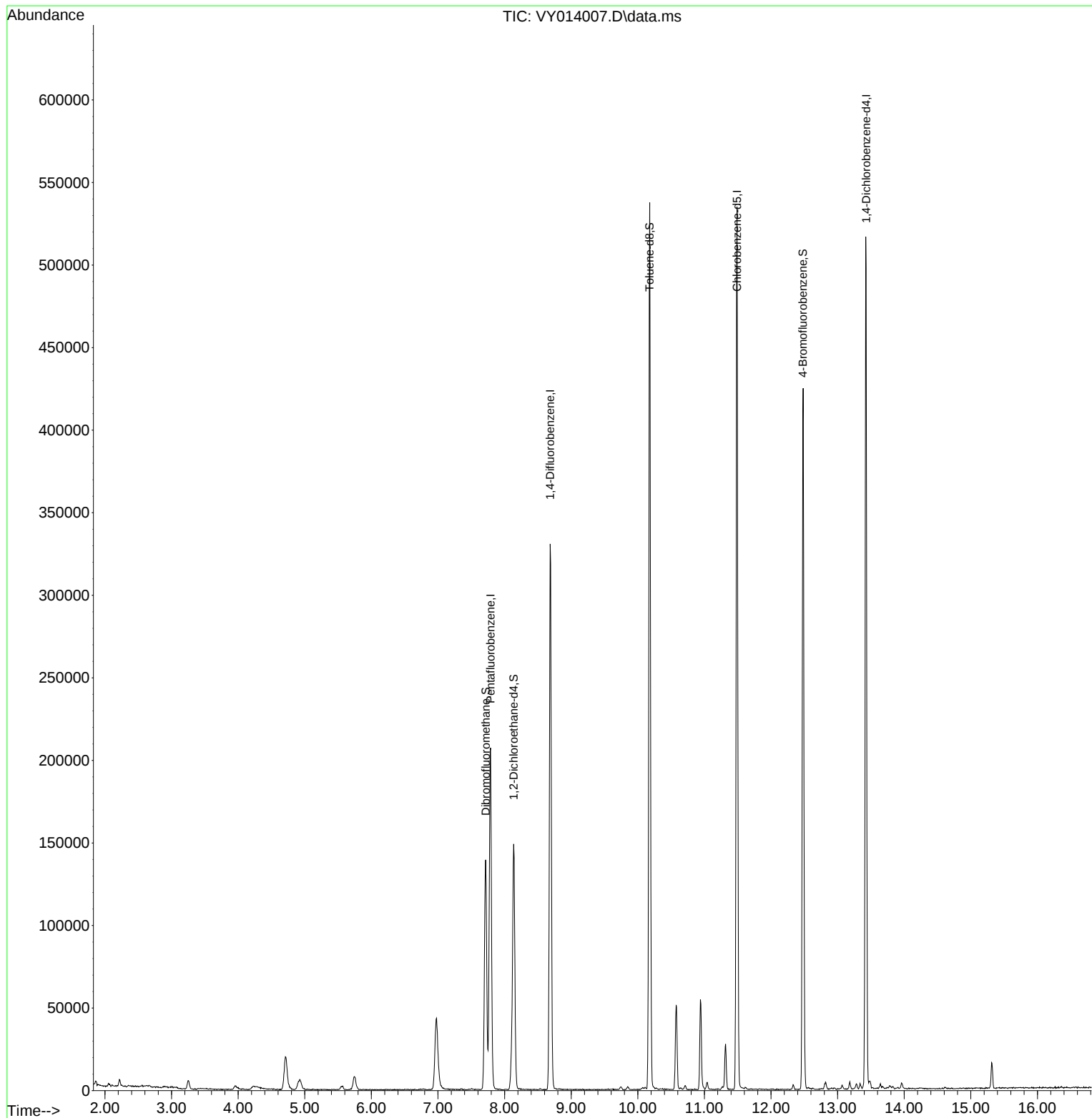
Target Compounds	Qvalue

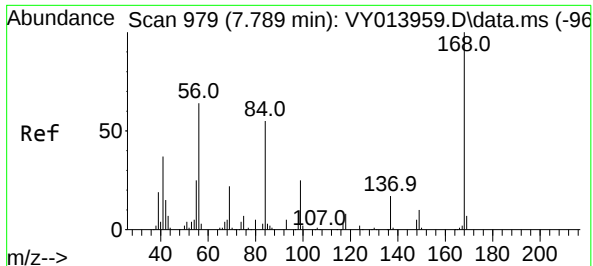
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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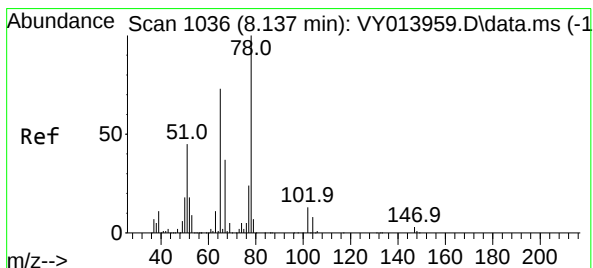
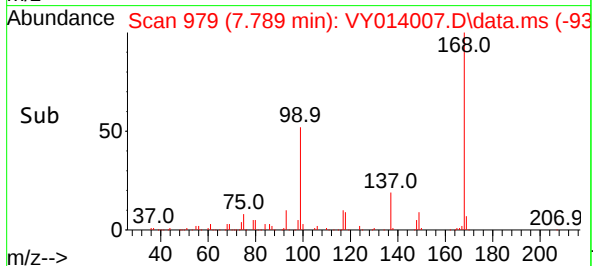
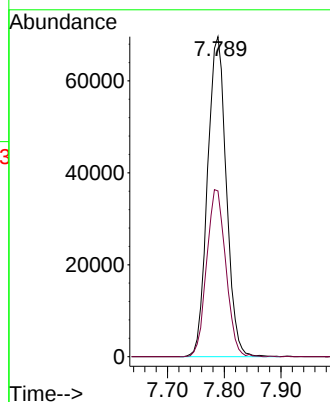
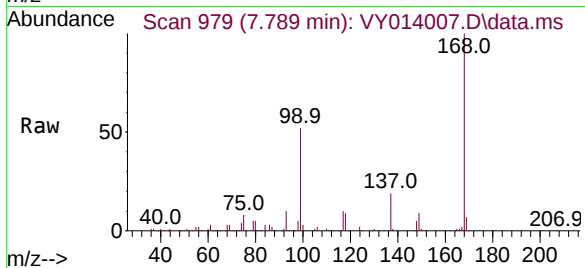




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014007.D
Acq: 05 Jun 2023 15:09

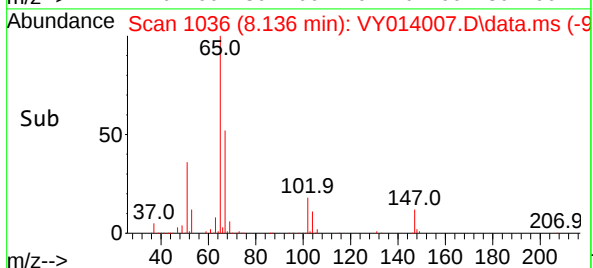
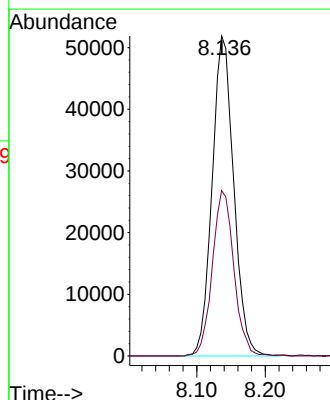
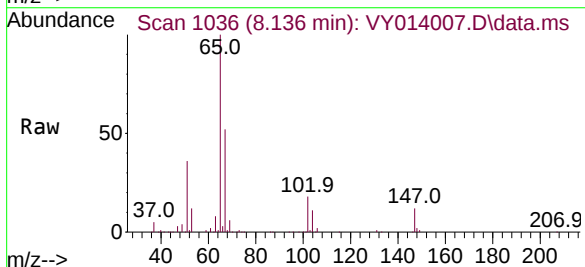
Instrument :
MSVOA_Y
ClientSampleId :
DUP04

Tgt Ion:168 Resp: 160218
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.464 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014007.D
Acq: 05 Jun 2023 15:09

Tgt Ion: 65 Resp: 113393
Ion Ratio Lower Upper
65 100
67 51.7 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: VY014007.D

Acq: 05 Jun 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

DUP04

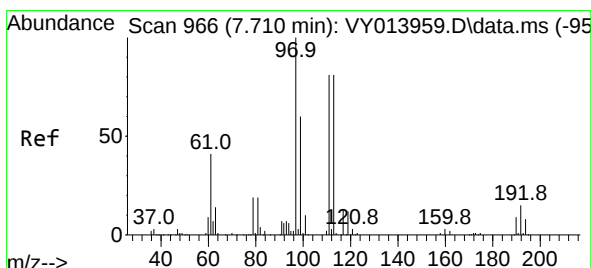
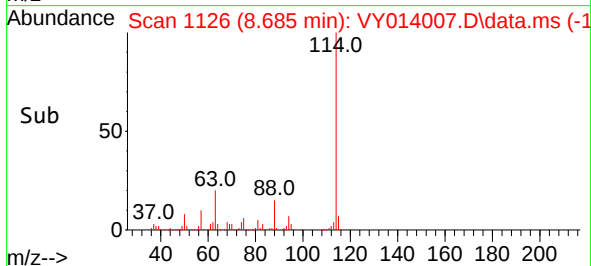
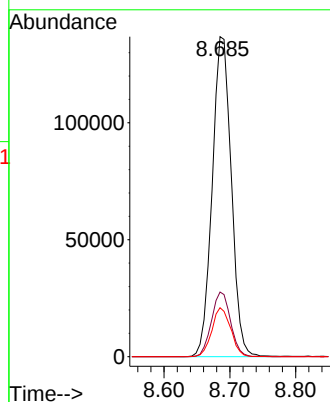
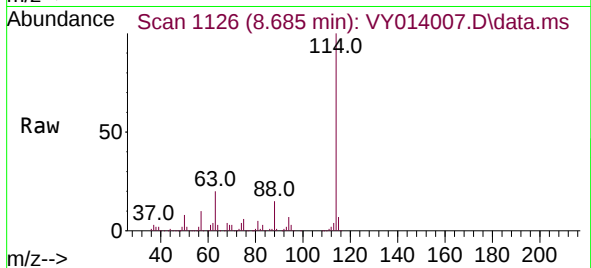
Tgt Ion:114 Resp: 276152

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.125 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014007.D

Acq: 05 Jun 2023 15:09

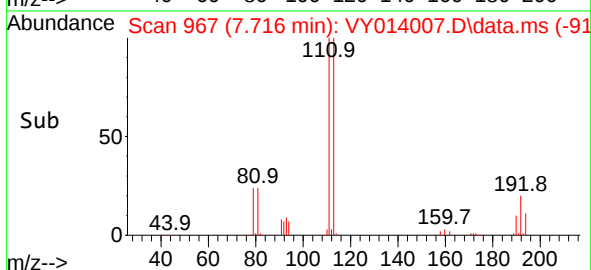
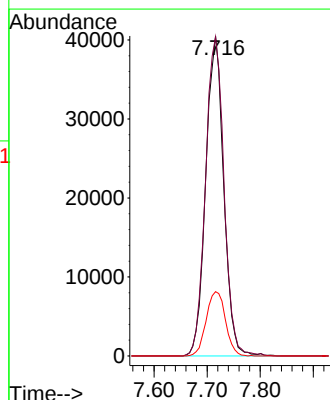
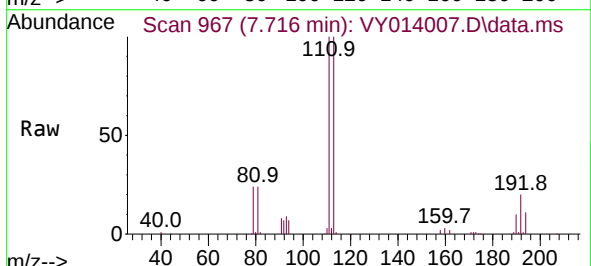
Tgt Ion:113 Resp: 94989

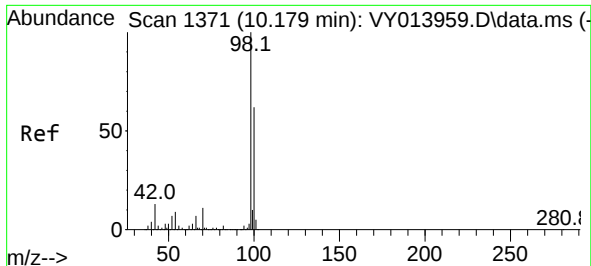
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 21.6 16.9 25.3

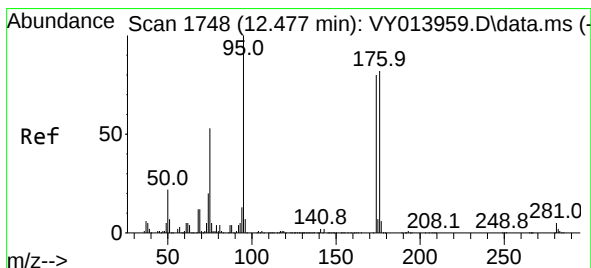
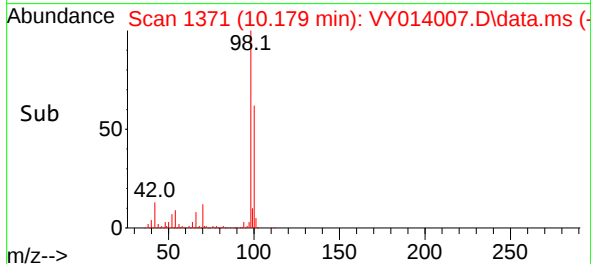
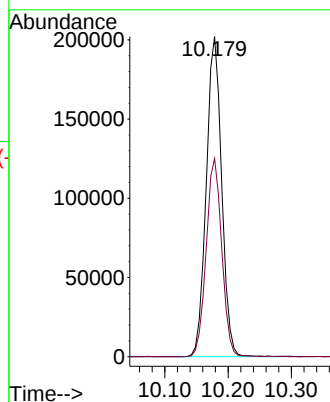
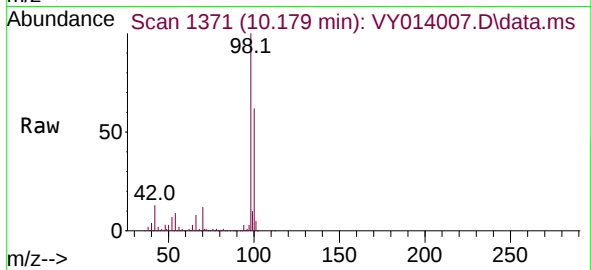




#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014007.D
Acq: 05 Jun 2023 15:09

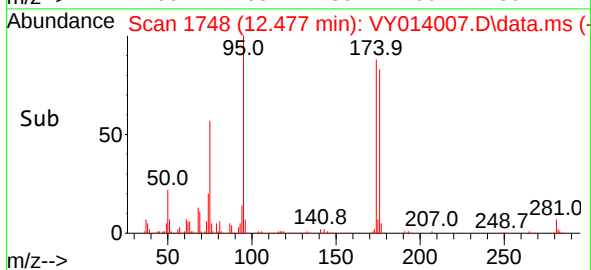
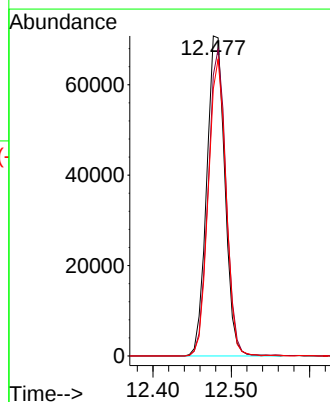
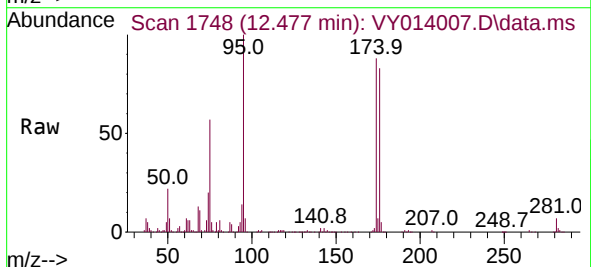
Instrument :
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DUP04

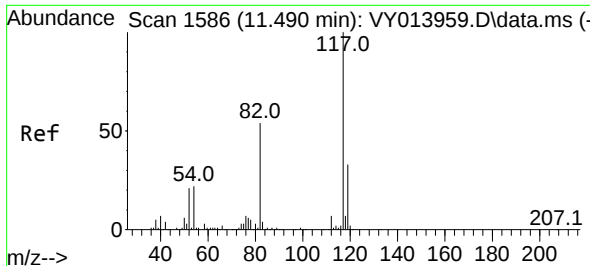
Tgt Ion: 98 Resp: 342032
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.940 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014007.D
Acq: 05 Jun 2023 15:09

Tgt Ion: 95 Resp: 113973
Ion Ratio Lower Upper
95 100
174 94.3 0.0 178.2
176 90.6 0.0 173.8

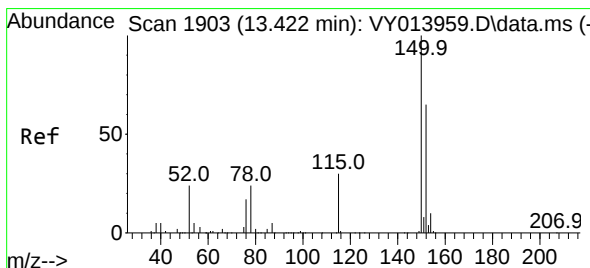
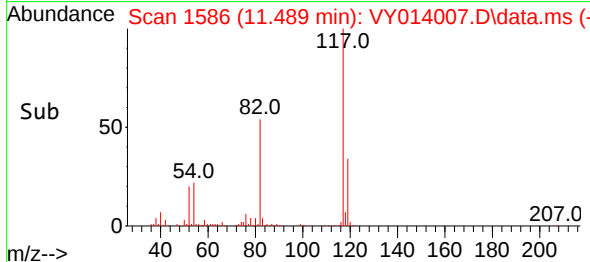
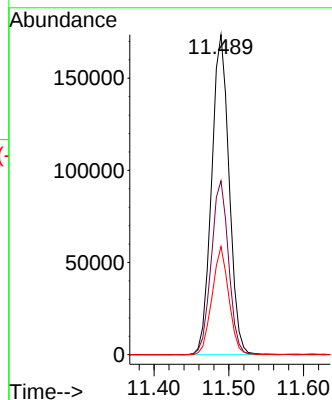
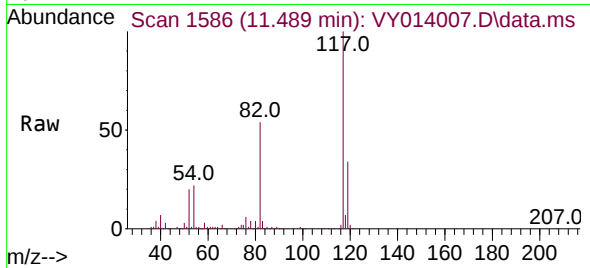




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014007.D
Acq: 05 Jun 2023 15:09

Instrument :
MSVOA_Y
ClientSampleId :
DUP04

Tgt Ion:117 Resp: 282783
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 33.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014007.D
Acq: 05 Jun 2023 15:09

Tgt Ion:152 Resp: 130246
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 158.9 0.0 348.8

