

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013585.D
 Acq On : 03 May 2023 16:34
 Operator : KP/MD
 Sample : 02582-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-050223

Quant Time: May 04 01:21:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	161282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	256432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111785	63.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.460%
35) Dibromofluoromethane	7.710	113	93438	55.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.460%
50) Toluene-d8	10.179	98	330501	54.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.820%
62) 4-Bromofluorobenzene	12.477	95	101714	50.128	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.260%

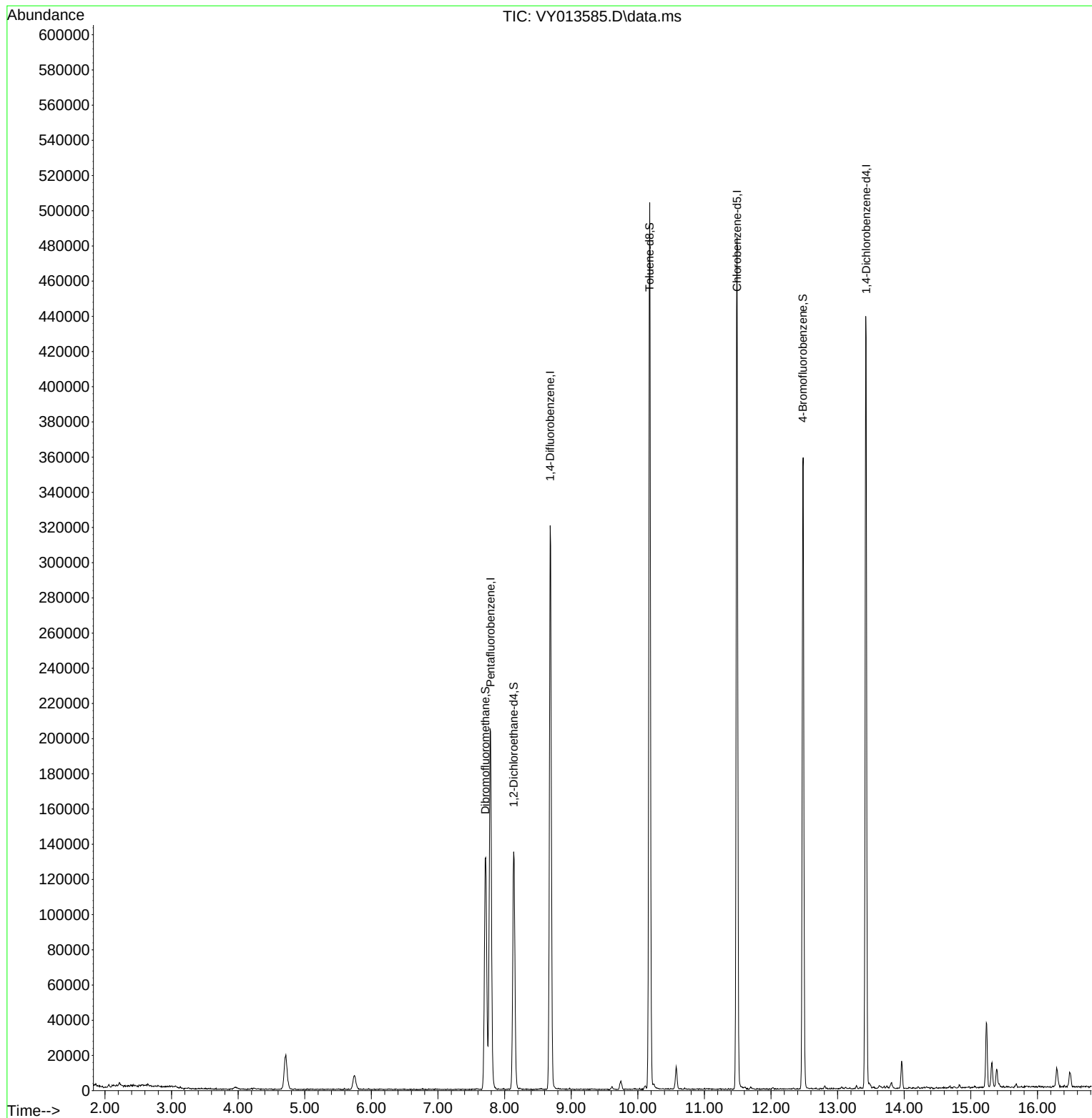
Target Compounds	Qvalue

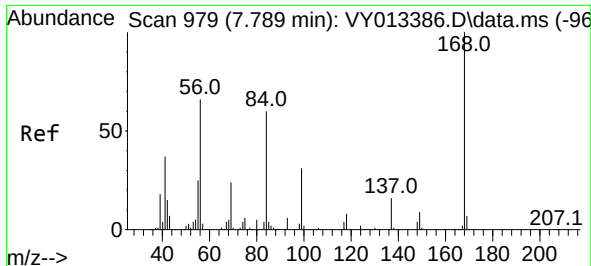
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
Data File : VY013585.D
Acq On : 03 May 2023 16:34
Operator : KP/MD
Sample : 02582-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-050223

Quant Time: May 04 01:21:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

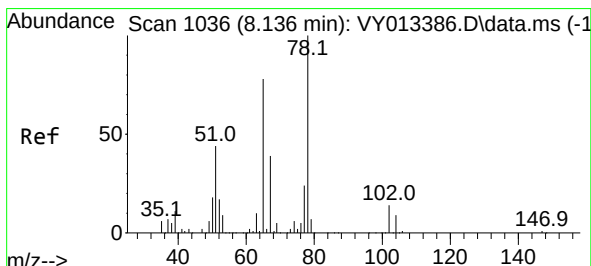
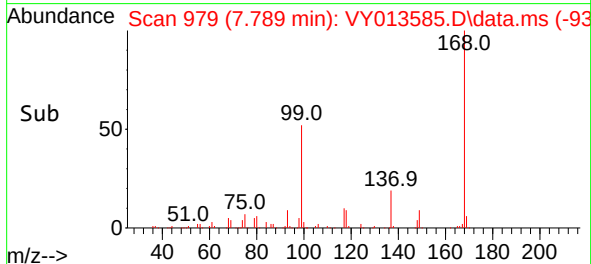
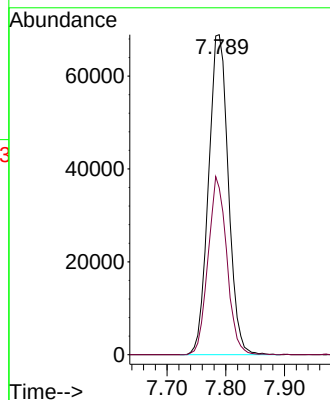
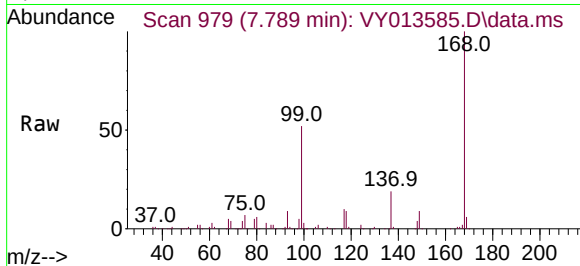




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013585.D
Acq: 03 May 2023 16:34

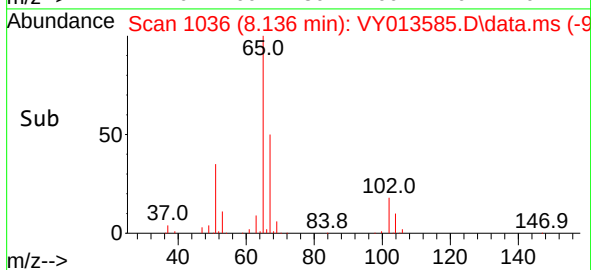
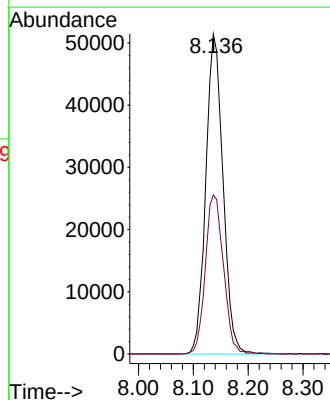
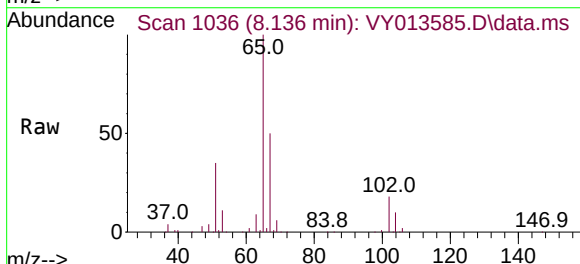
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-050223

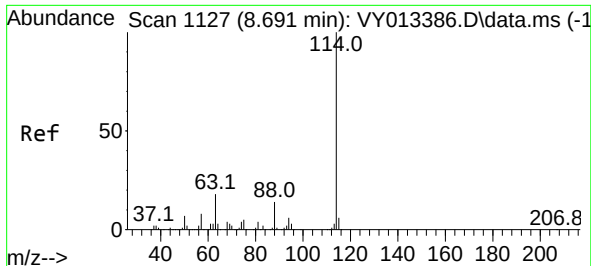
Tgt Ion:168 Resp: 161282
Ion Ratio Lower Upper
168 100
99 52.1 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 63.227 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013585.D
Acq: 03 May 2023 16:34

Tgt Ion: 65 Resp: 111785
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013585.D

Acq: 03 May 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-050223

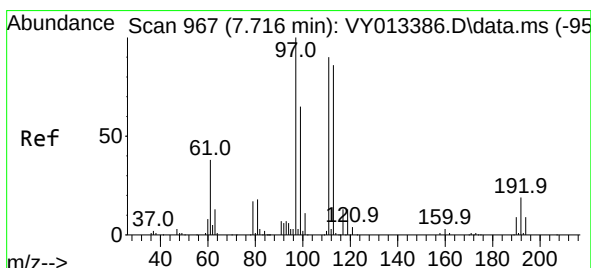
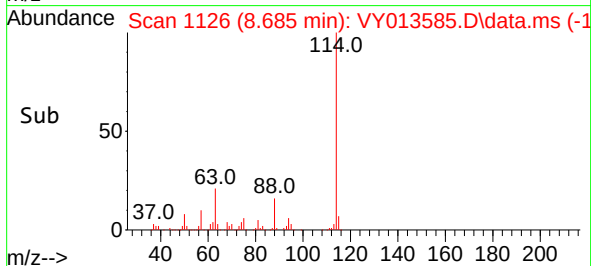
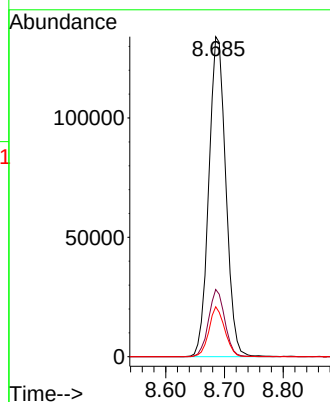
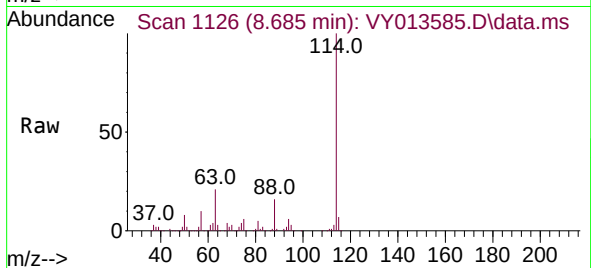
Tgt Ion:114 Resp: 269005

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 15.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.226 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013585.D

Acq: 03 May 2023 16:34

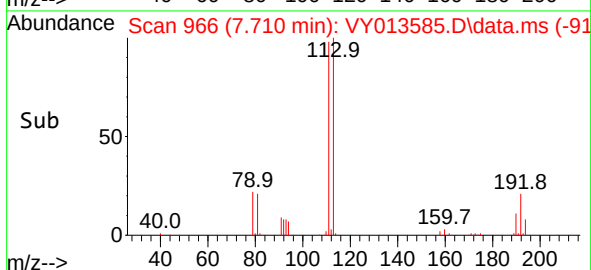
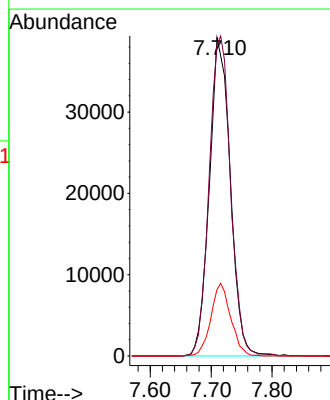
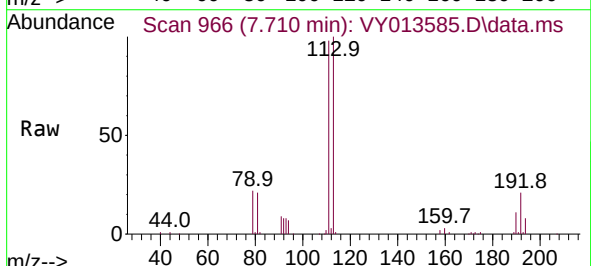
Tgt Ion:113 Resp: 93438

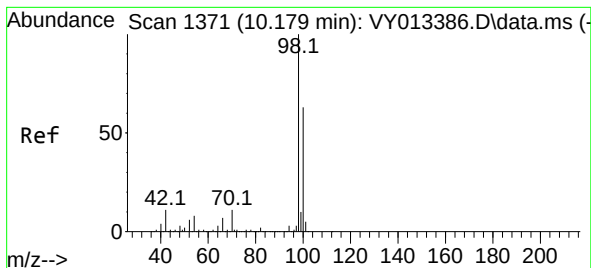
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 21.6 16.7 25.1





#50

Toluene-d8

Concen: 54.911 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013585.D

Acq: 03 May 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :

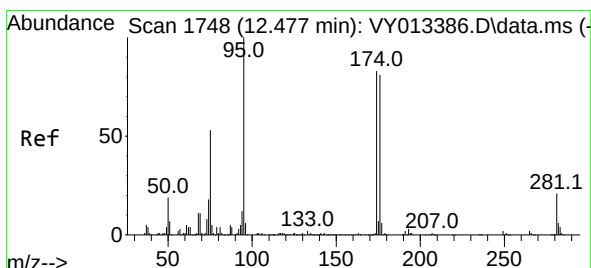
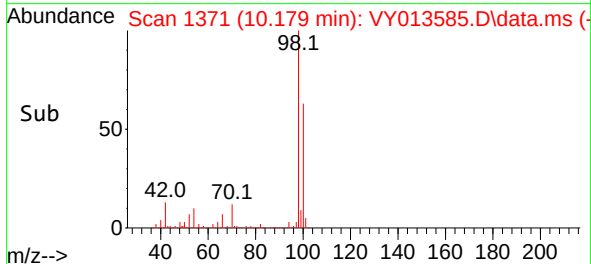
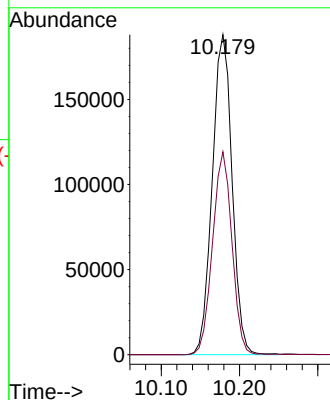
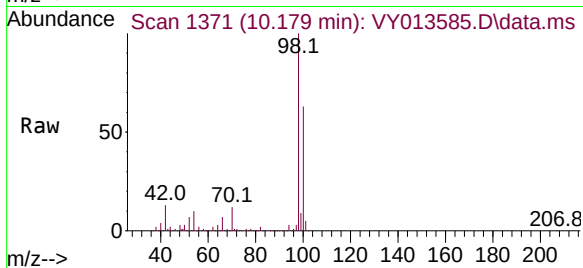
HD-02-050223

Tgt Ion: 98 Resp: 330501

Ion Ratio Lower Upper

98 100

100 62.0 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 50.128 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013585.D

Acq: 03 May 2023 16:34

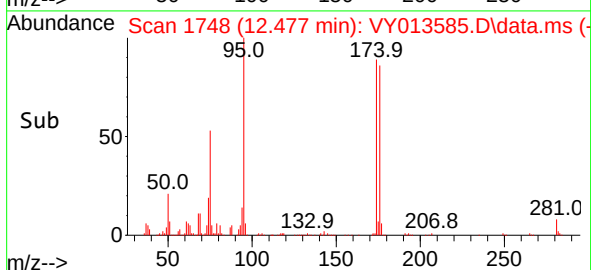
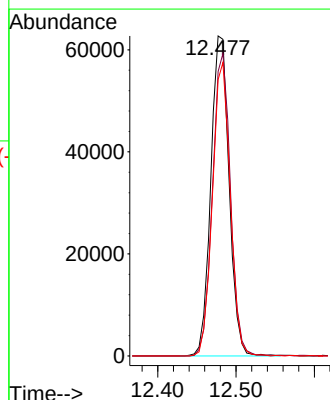
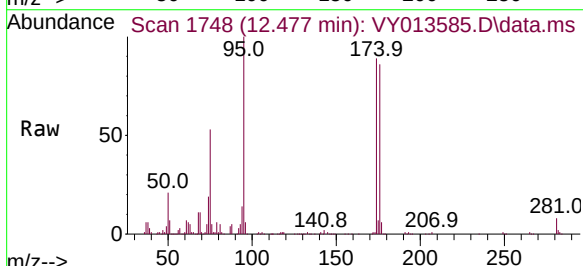
Tgt Ion: 95 Resp: 101714

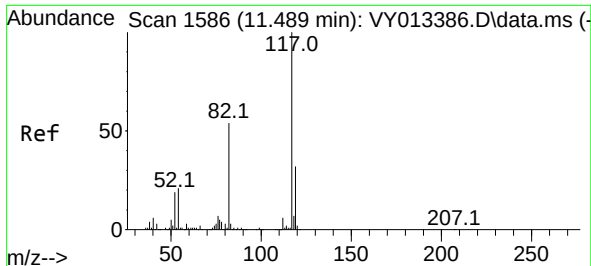
Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.0

176 89.2 0.0 175.4

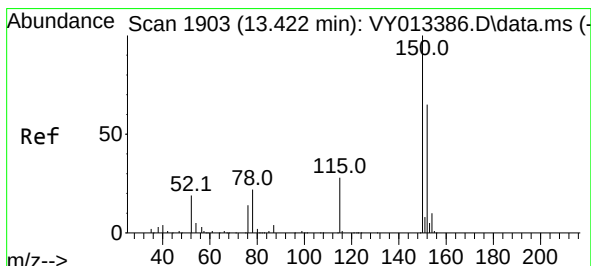
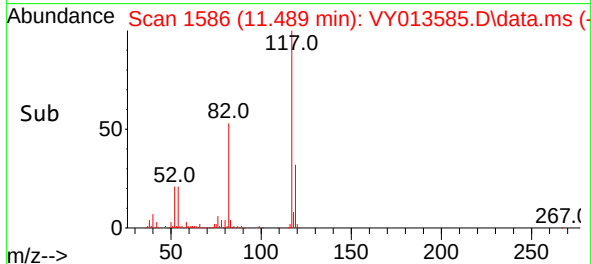
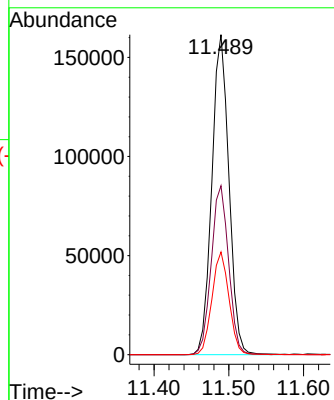
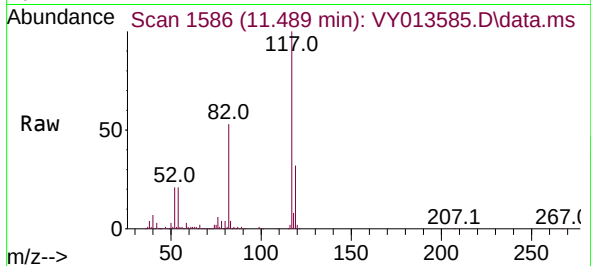




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013585.D
Acq: 03 May 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-050223

Tgt Ion:117 Resp: 256432
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.6
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013585.D
Acq: 03 May 2023 16:34

Tgt Ion:152 Resp: 113462
Ion Ratio Lower Upper
152 100
115 57.8 28.1 84.2
150 160.2 0.0 352.0

