

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013589.D
 Acq On : 03 May 2023 18:08
 Operator : KP/MD
 Sample : 02559-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 04 01:21:54 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	206926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151054	66.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.180%
35) Dibromofluoromethane	7.716	113	120432	54.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.000%
50) Toluene-d8	10.179	98	434493	55.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.540%
62) 4-Bromofluorobenzene	12.477	95	138472	52.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.500%

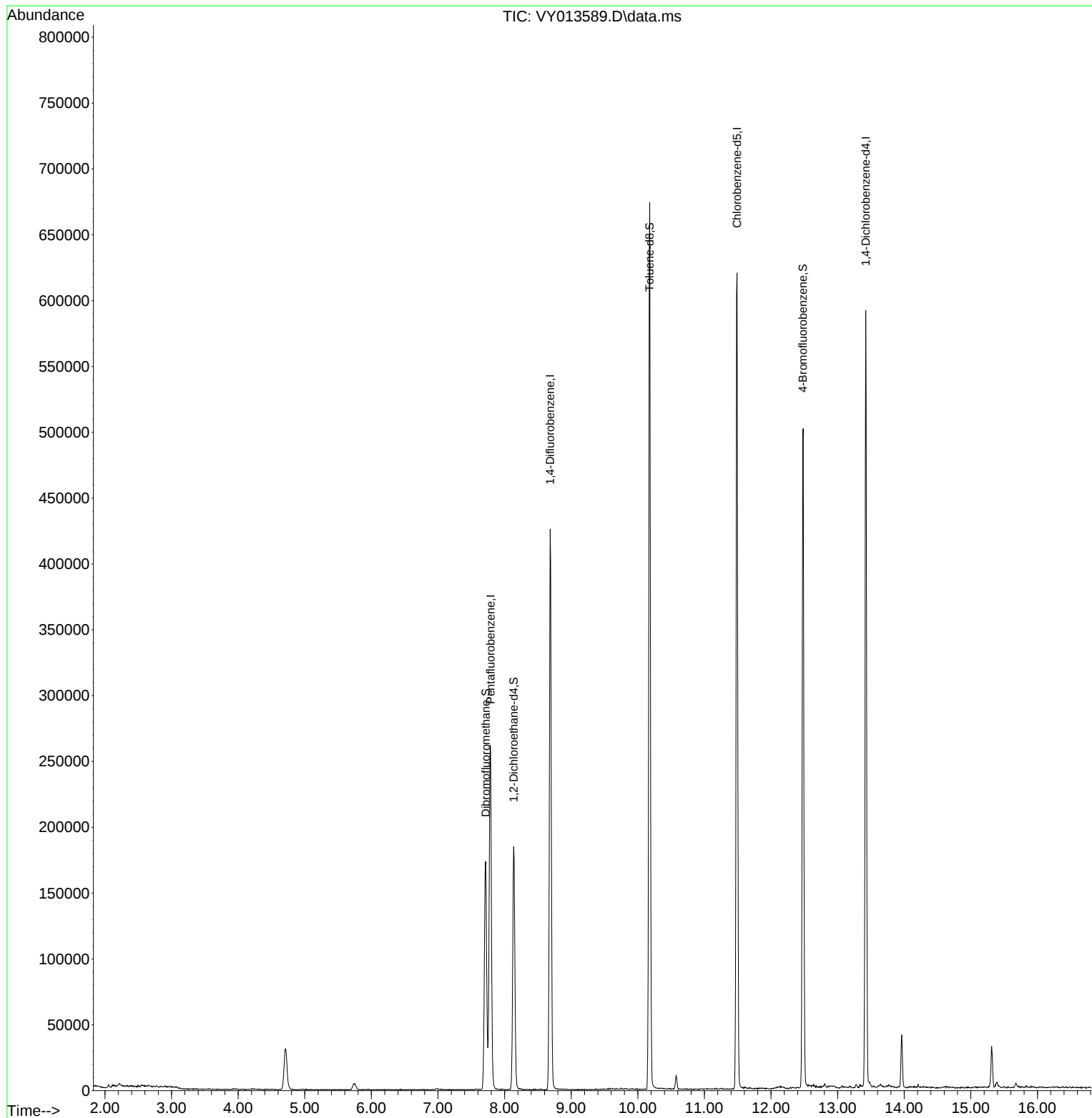
Target Compounds	Qvalue

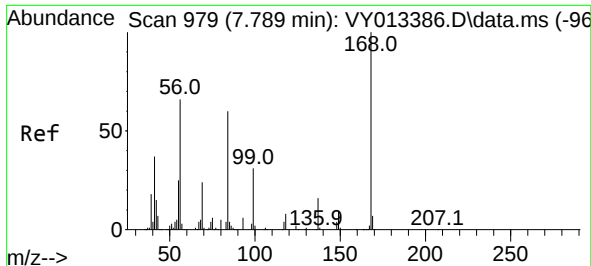
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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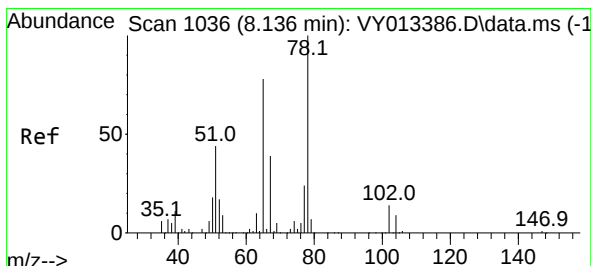
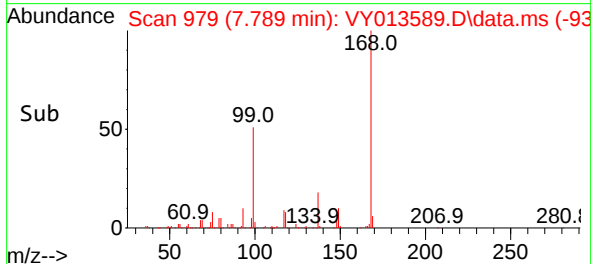
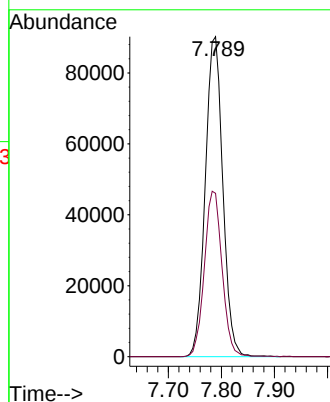
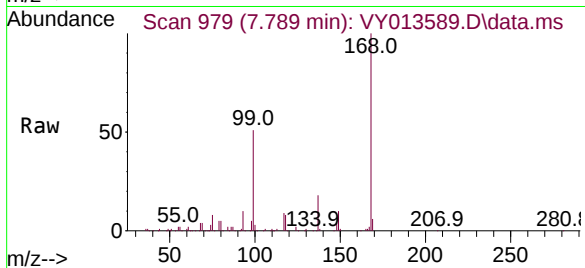




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

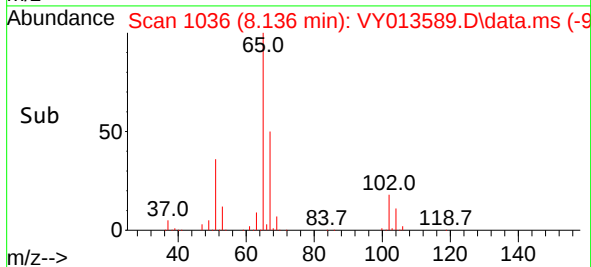
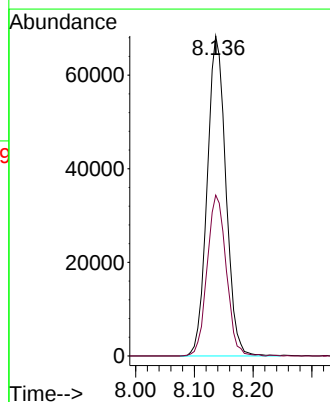
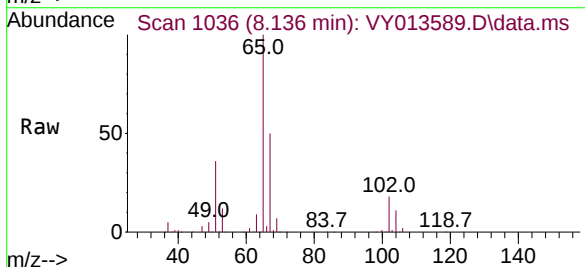
Instrument :
MSVOA_Y
ClientSampleId :
VOC

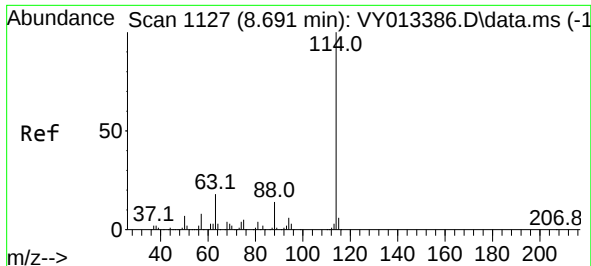
Tgt Ion:168 Resp: 206926
Ion Ratio Lower Upper
168 100
99 51.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.592 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Tgt Ion: 65 Resp: 151054
Ion Ratio Lower Upper
65 100
67 51.4 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: VY013589.D

Acq: 03 May 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VOC

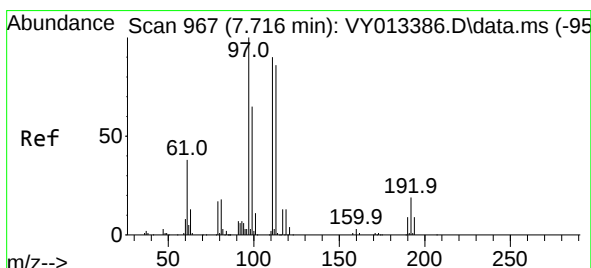
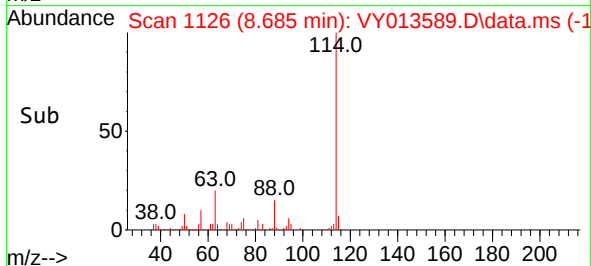
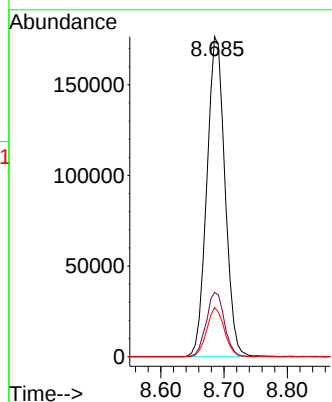
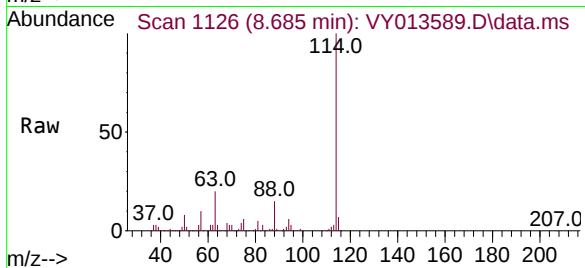
Tgt Ion:114 Resp: 351366

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.6

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.496 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013589.D

Acq: 03 May 2023 18:08

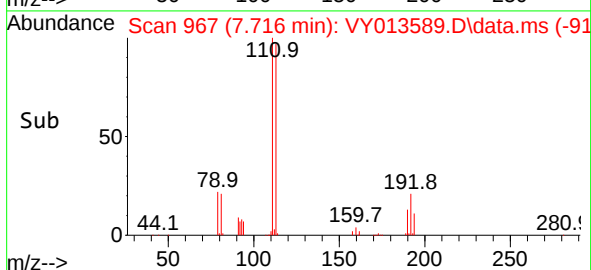
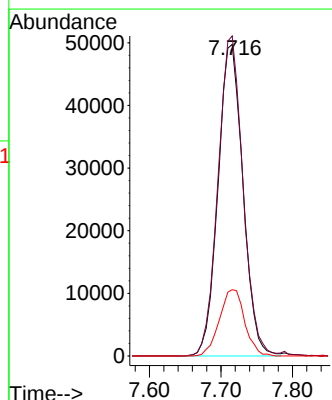
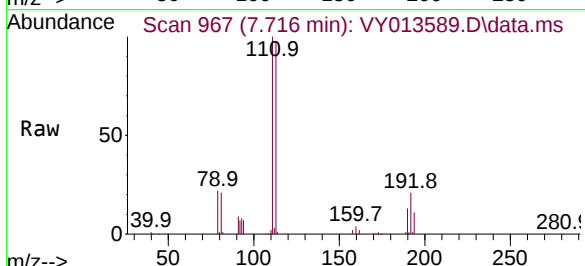
Tgt Ion:113 Resp: 120432

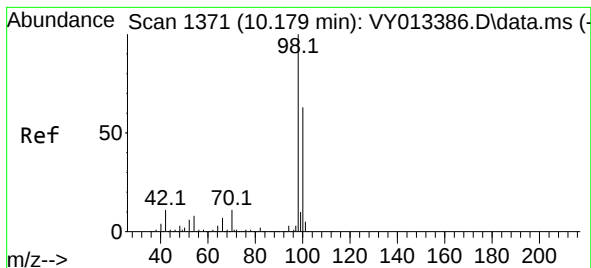
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 21.5 16.7 25.1

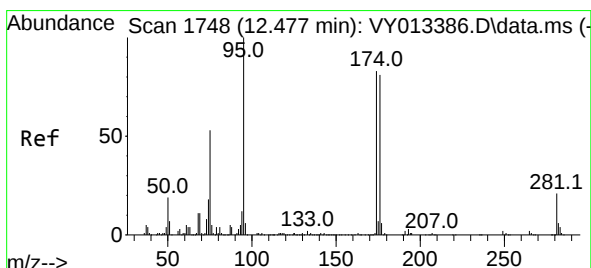
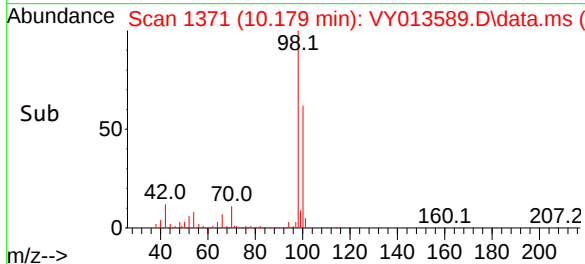
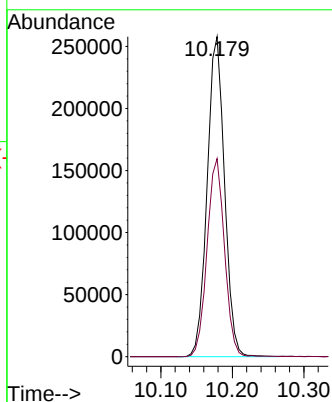
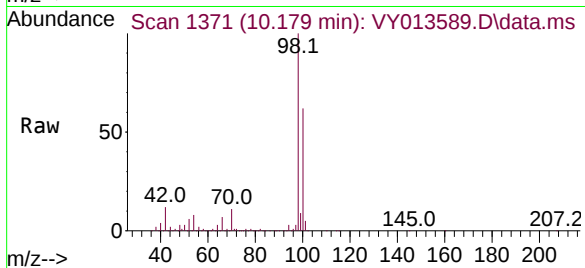




#50
Toluene-d8
Concen: 55.268 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

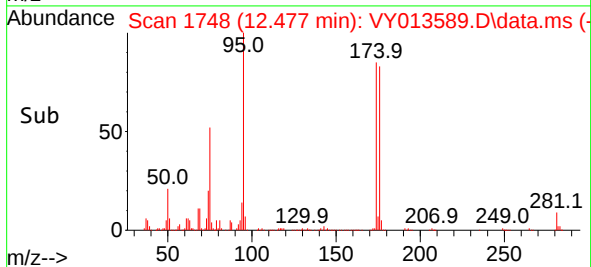
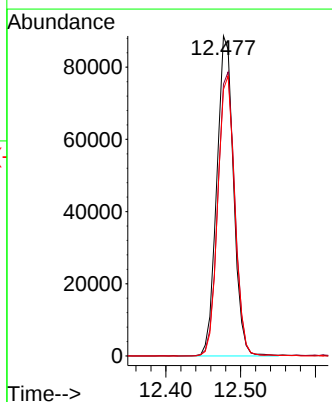
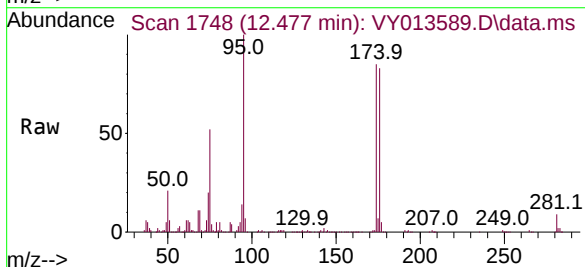
Instrument :
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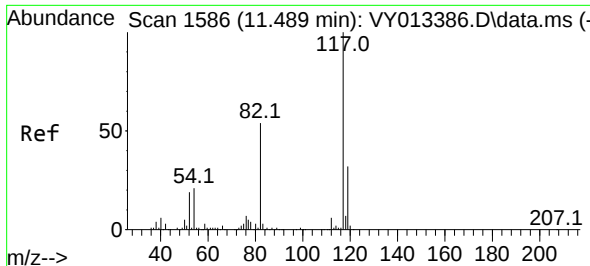
Tgt Ion: 98 Resp: 434493
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.247 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Tgt Ion: 95 Resp: 138472
Ion Ratio Lower Upper
95 100
174 90.1 0.0 182.0
176 88.8 0.0 175.4

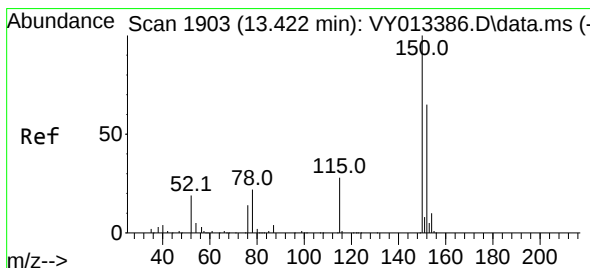
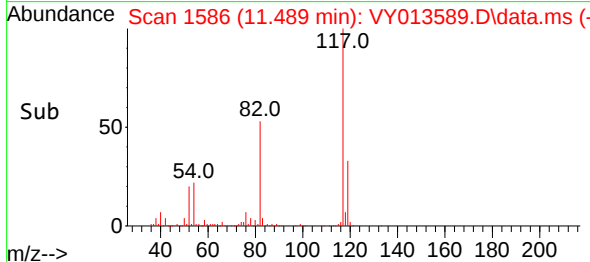
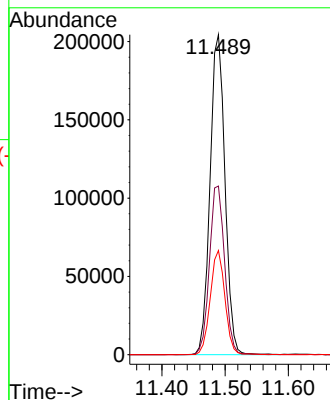
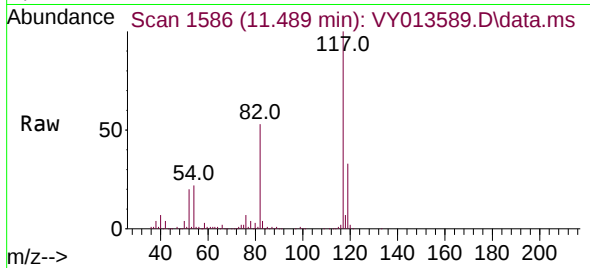




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 336204
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.6
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013589.D
Acq: 03 May 2023 18:08

Tgt Ion:152 Resp: 149416
Ion Ratio Lower Upper
152 100
115 57.8 28.1 84.2
150 153.8 0.0 352.0

