

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013667.D
 Acq On : 09 May 2023 14:48
 Operator : KP/MD
 Sample : 02665-10
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-612-VOC-02

Quant Time: May 10 05:37:22 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	200938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	338000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145881	66.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.460%
35) Dibromofluoromethane	7.716	113	118705	55.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.680%
50) Toluene-d8	10.179	98	415638	54.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.920%
62) 4-Bromofluorobenzene	12.483	95	136703	53.619	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.240%

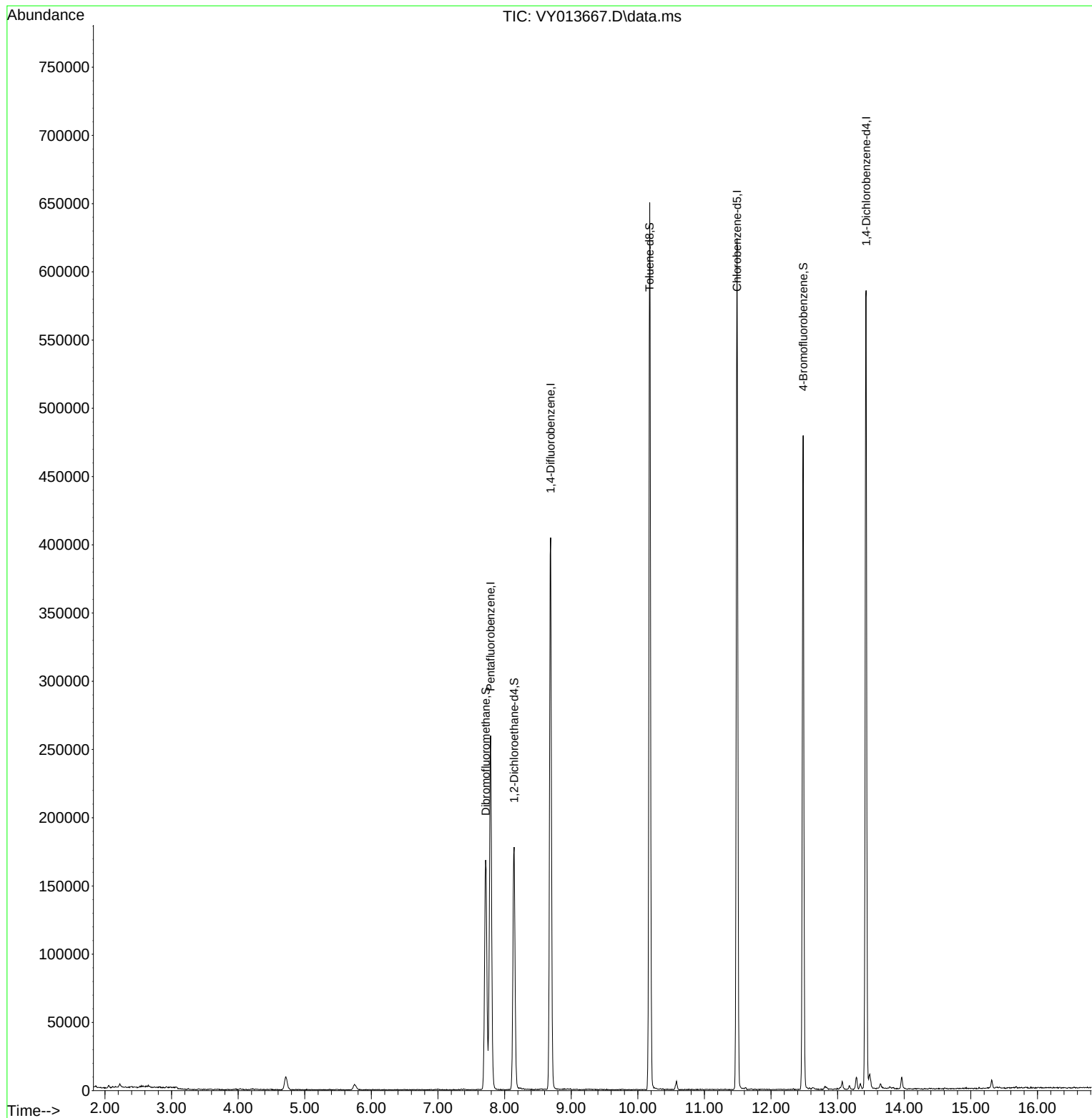
Target Compounds	Qvalue

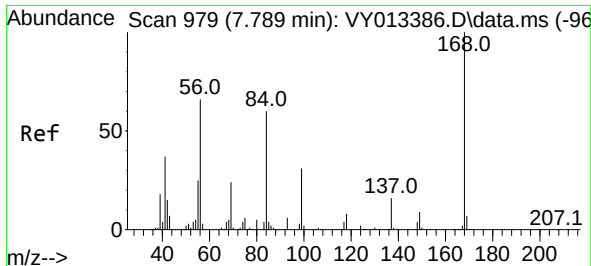
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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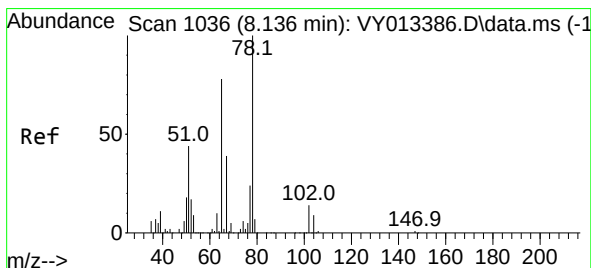
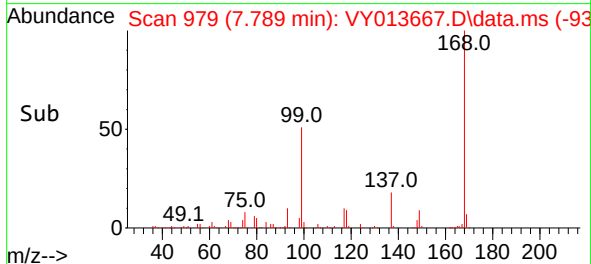
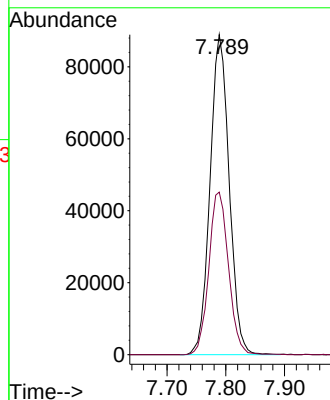
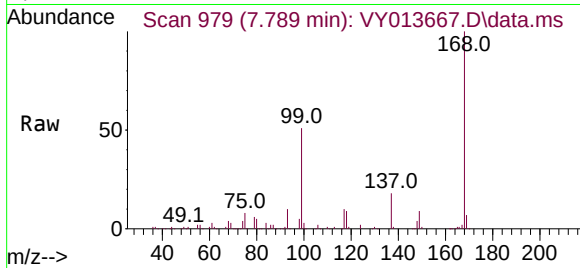




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013667.D
Acq: 09 May 2023 14:48

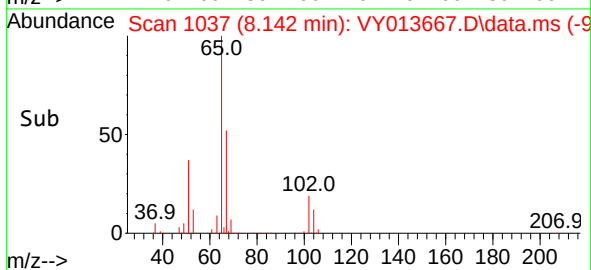
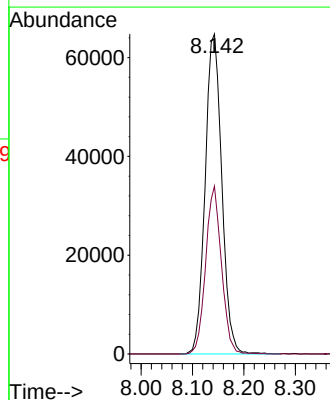
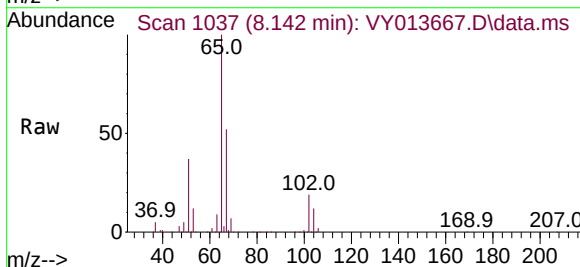
Instrument :
MSVOA_Y
ClientSampleId :
TR-612-VOC-02

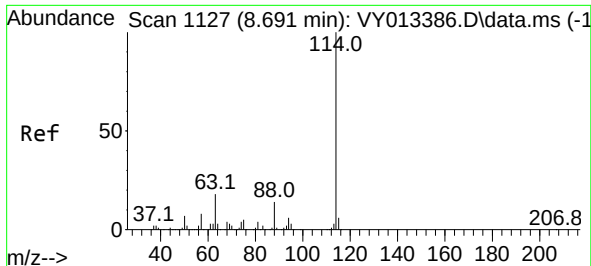
Tgt Ion:168 Resp: 200938
Ion Ratio Lower Upper
168 100
99 50.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.228 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013667.D
Acq: 09 May 2023 14:48

Tgt Ion: 65 Resp: 145881
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4

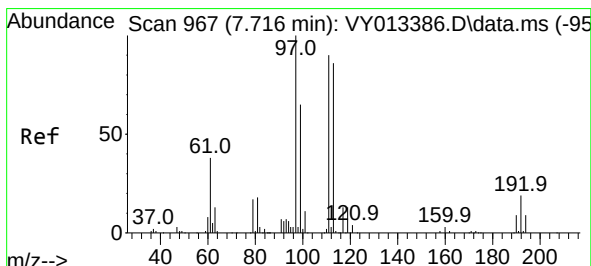
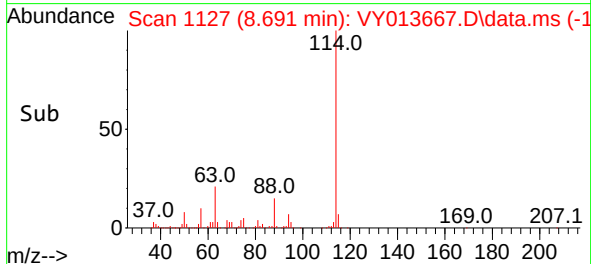
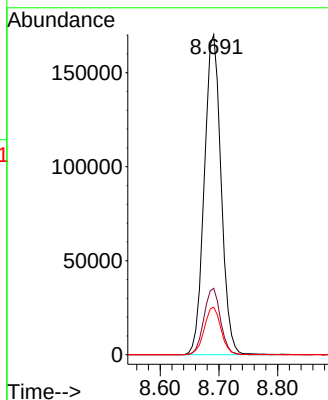
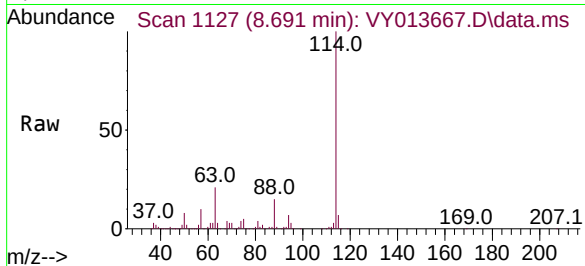




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013667.D
Acq: 09 May 2023 14:48

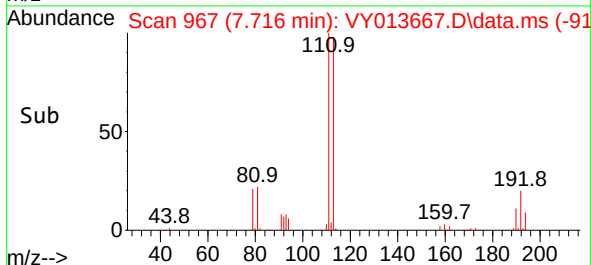
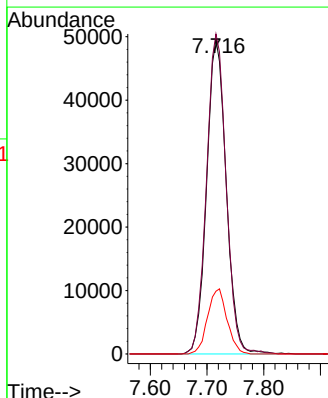
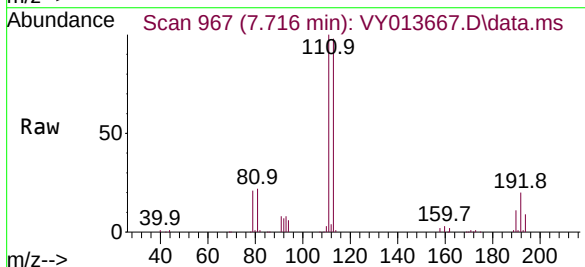
Instrument :
MSVOA_Y
ClientSampleId :
TR-612-VOC-02

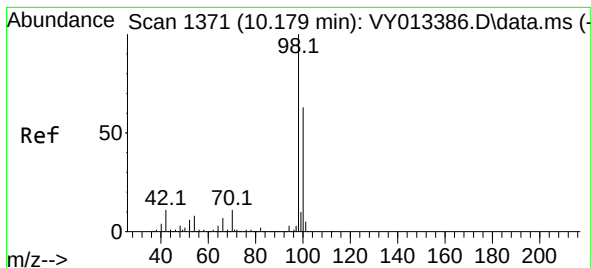
Tgt Ion:114 Resp: 338000
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.6
88 14.9 0.0 28.8



#35
Dibromofluoromethane
Concen: 55.838 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013667.D
Acq: 09 May 2023 14:48

Tgt Ion:113 Resp: 118705
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.6 16.7 25.1

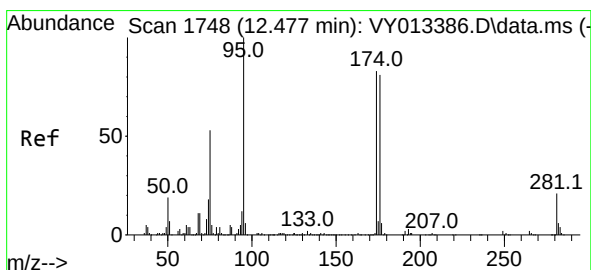
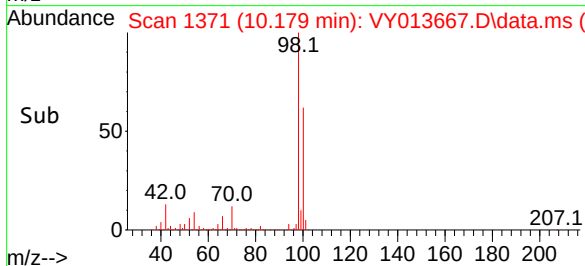
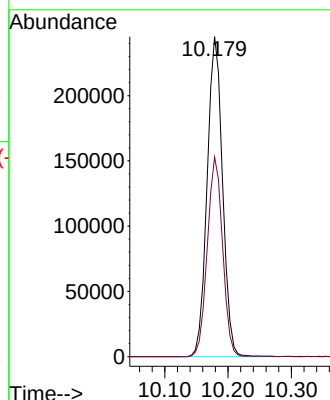
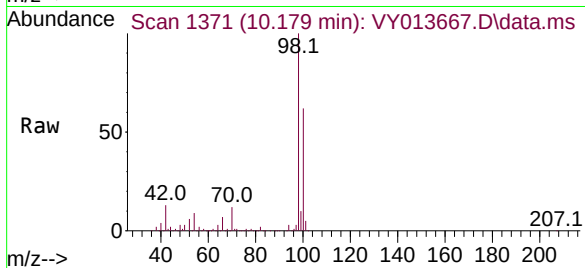




#50
Toluene-d8
Concen: 54.960 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013667.D
Acq: 09 May 2023 14:48

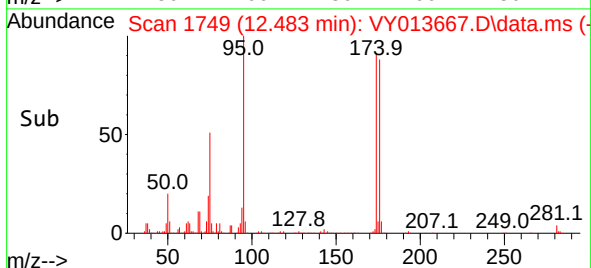
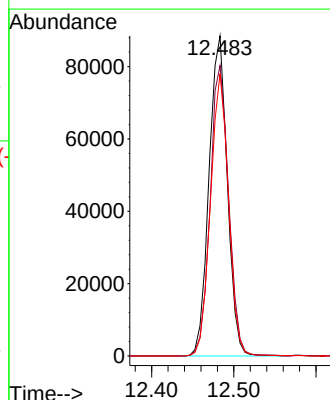
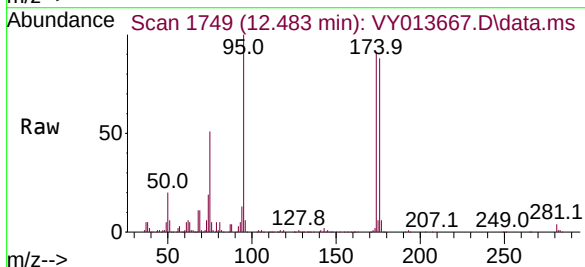
Instrument :
MSVOA_Y
ClientSampleId :
TR-612-VOC-02

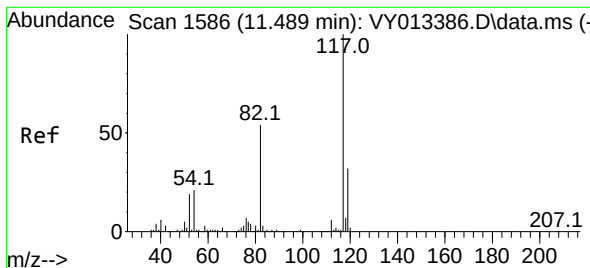
Tgt Ion: 98 Resp: 415638
Ion Ratio Lower Upper
98 100
100 62.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013667.D
Acq: 09 May 2023 14:48

Tgt Ion: 95 Resp: 136703
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.0
176 87.3 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: VY013667.D

Acq: 09 May 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TR-612-VOC-02

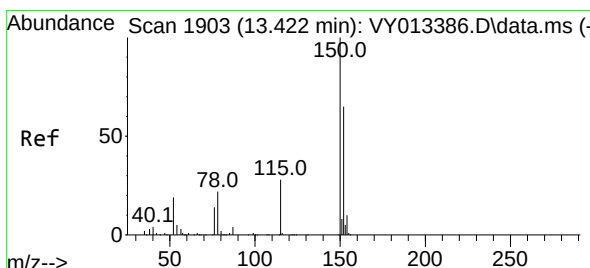
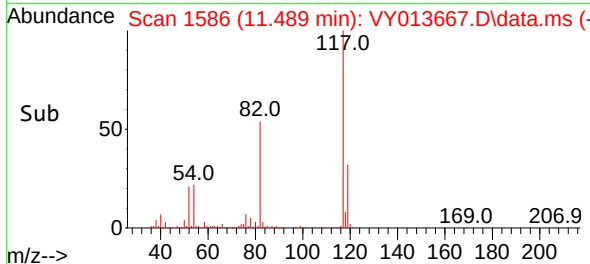
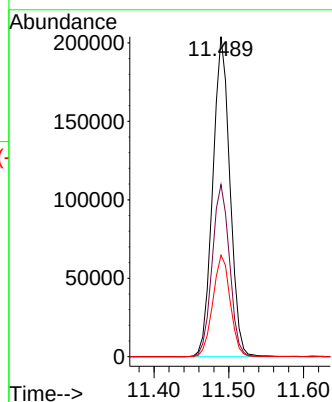
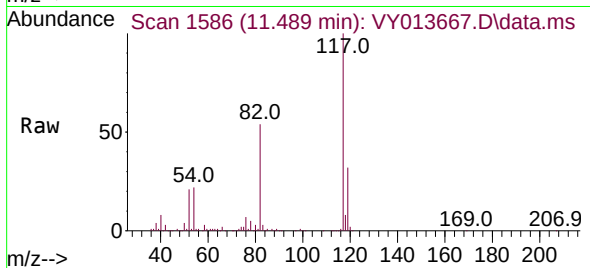
Tgt Ion:117 Resp: 326386

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.6

119 31.7 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: VY013667.D

Acq: 09 May 2023 14:48

Tgt Ion:152 Resp: 152657

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 157.8 0.0 352.0

