

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013522.D
 Acq On : 28 Apr 2023 13:43
 Operator : KP/MD
 Sample : 02503-03
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-305A-VOC-01

Quant Time: Apr 28 23:12:43 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	149332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103713	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108938	66.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.100%
35) Dibromofluoromethane	7.716	113	86524	57.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.160%
50) Toluene-d8	10.179	98	298596	55.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.740%
62) 4-Bromofluorobenzene	12.483	95	91357	50.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.500%

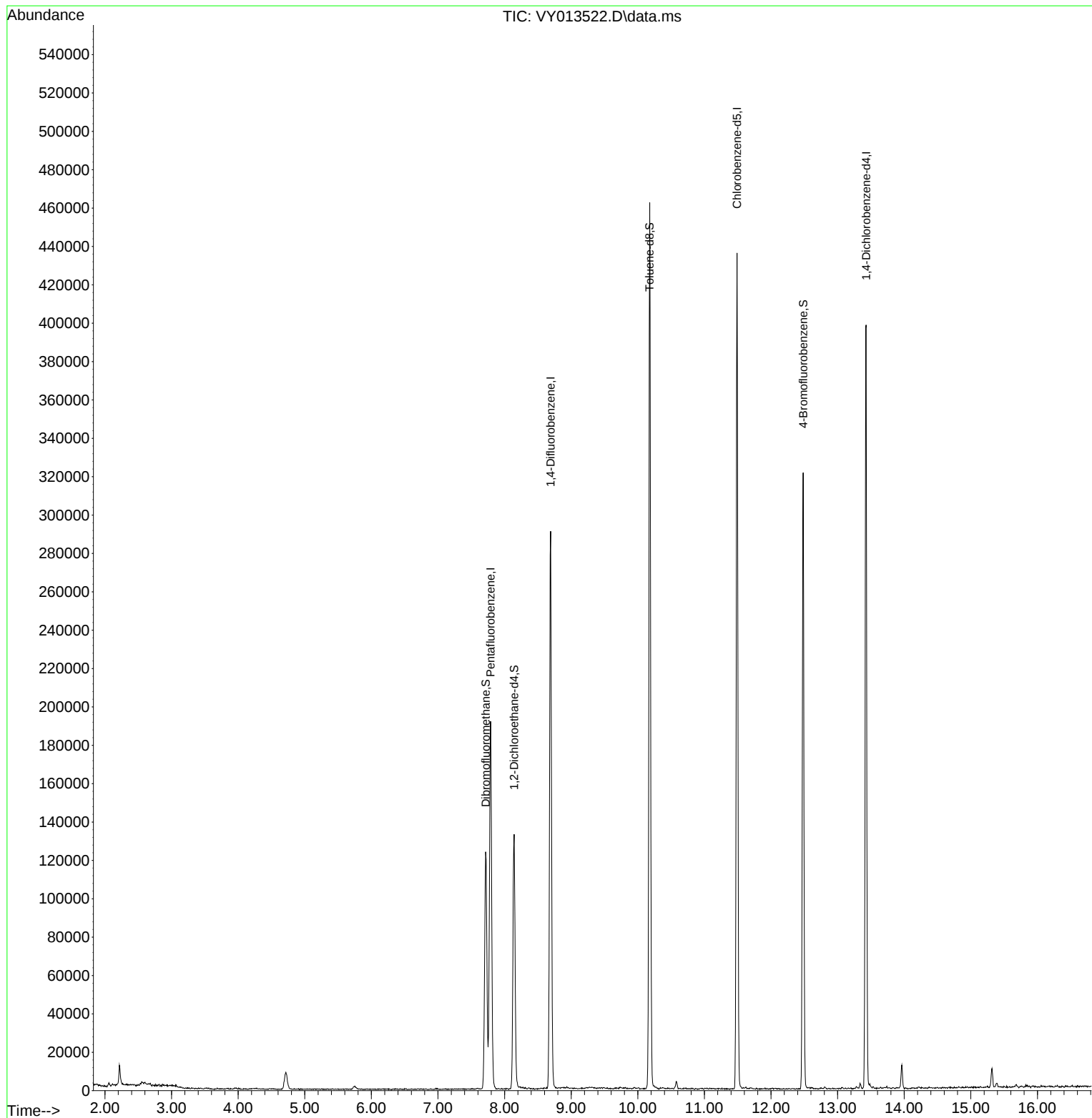
Target Compounds	Qvalue

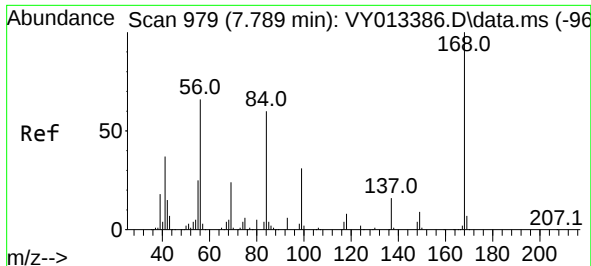
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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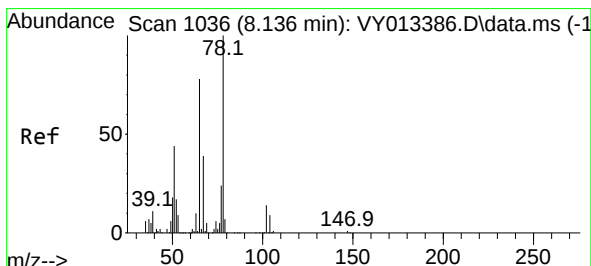
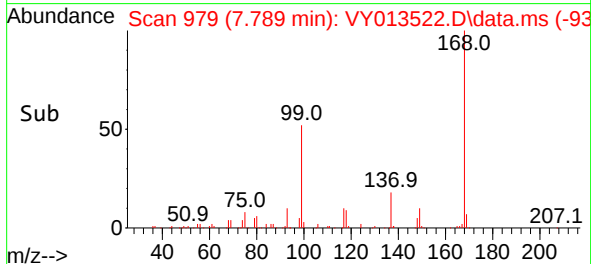
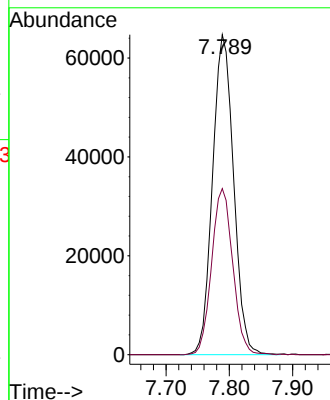
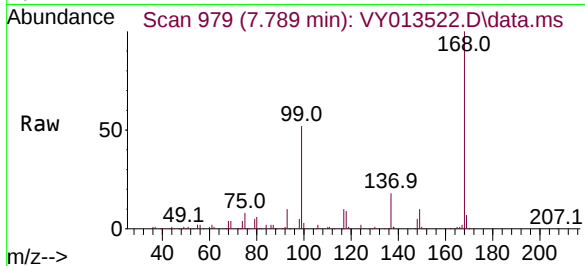




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013522.D
Acq: 28 Apr 2023 13:43

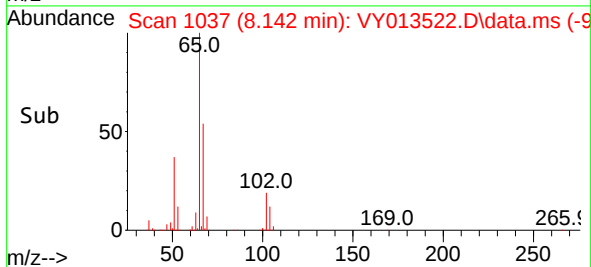
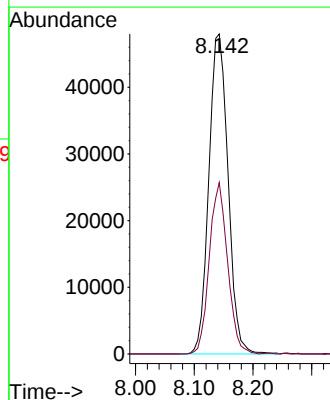
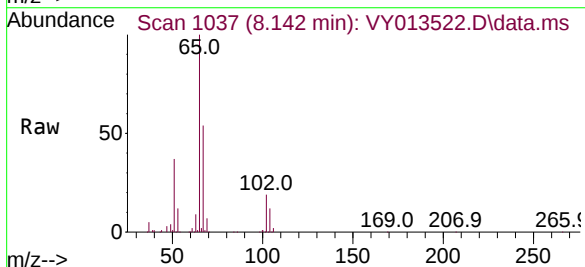
Instrument :
MSVOA_Y
ClientSampleId :
TR-305A-VOC-01

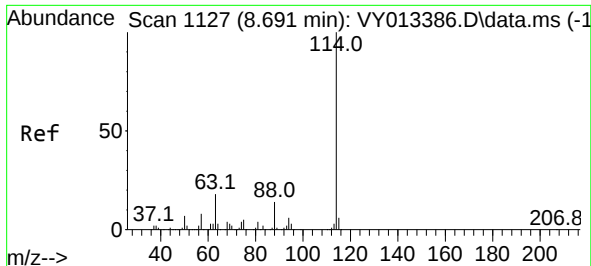
Tgt Ion:168 Resp: 149332
Ion Ratio Lower Upper
168 100
99 51.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.547 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013522.D
Acq: 28 Apr 2023 13:43

Tgt Ion: 65 Resp: 108938
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

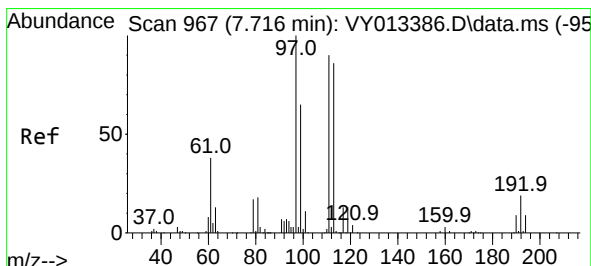
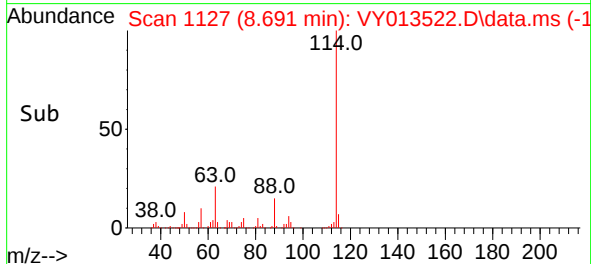
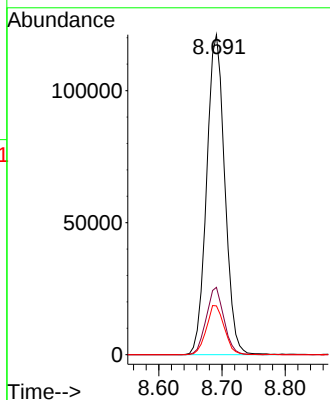
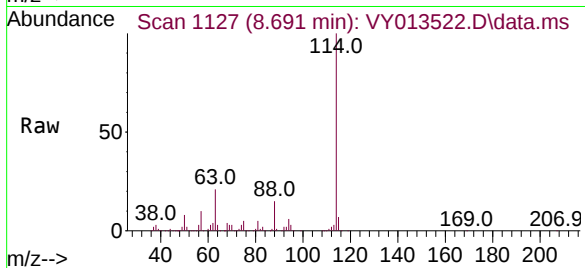




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013522.D
Acq: 28 Apr 2023 13:43

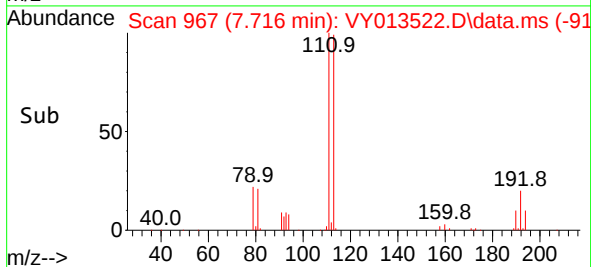
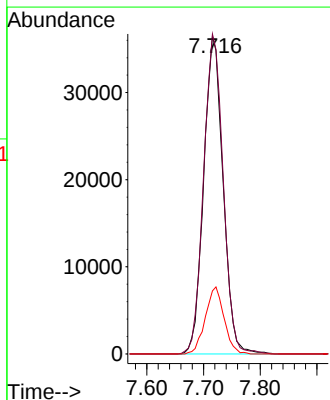
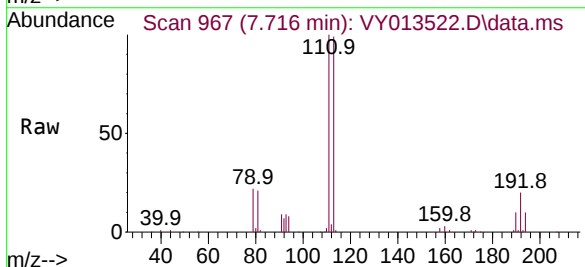
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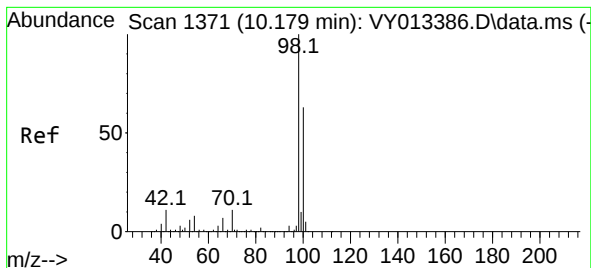
Tgt Ion:	114	Resp:	241012
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	36.6
88	15.3	0.0	28.8



#35
Dibromofluoromethane
Concen: 57.079 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013522.D
Acq: 28 Apr 2023 13:43

Tgt Ion:	113	Resp:	86524
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	20.4	16.7	25.1

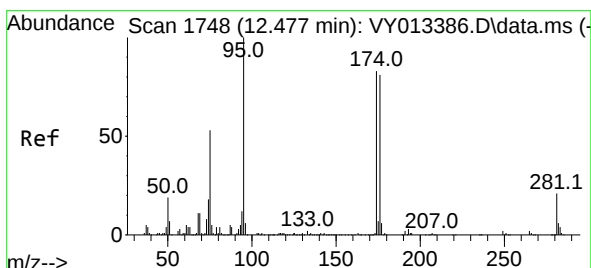
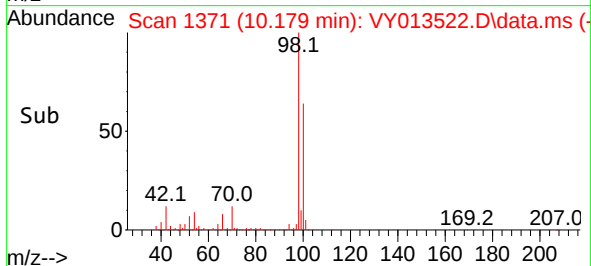
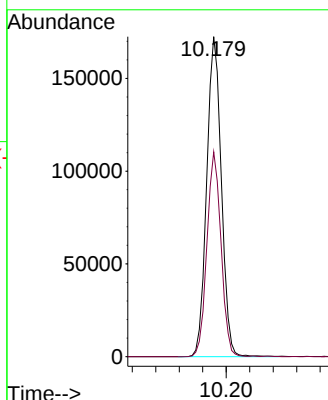
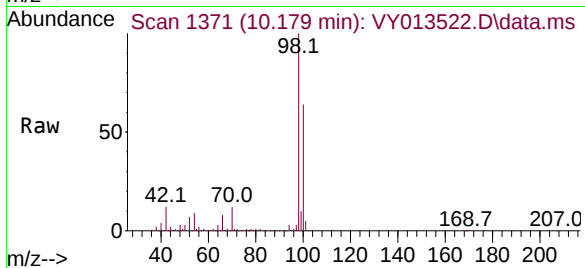




#50
Toluene-d8
Concen: 55.372 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013522.D
Acq: 28 Apr 2023 13:43

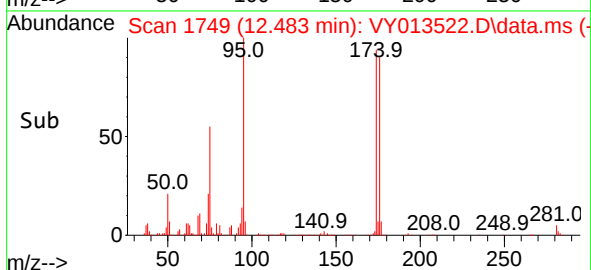
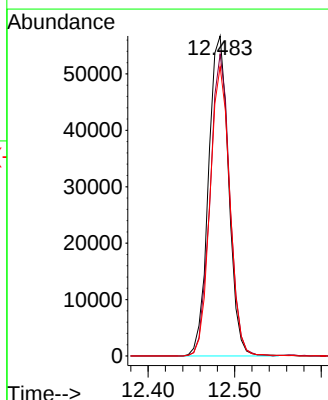
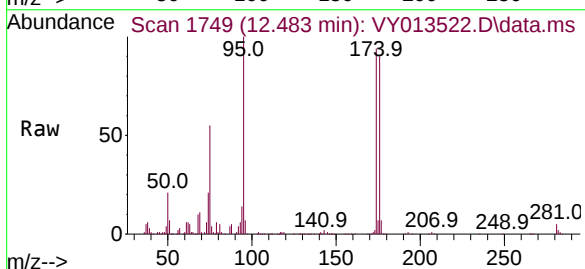
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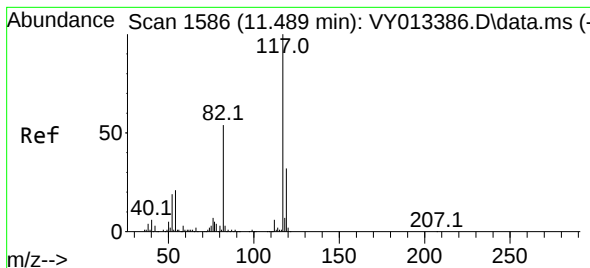
Tgt Ion: 98 Resp: 298596
Ion Ratio Lower Upper
98 100
100 61.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013522.D
Acq: 28 Apr 2023 13:43

Tgt Ion: 95 Resp: 91357
Ion Ratio Lower Upper
95 100
174 92.2 0.0 182.0
176 89.0 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: VY013522.D

Acq: 28 Apr 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

TR-305A-VOC-01

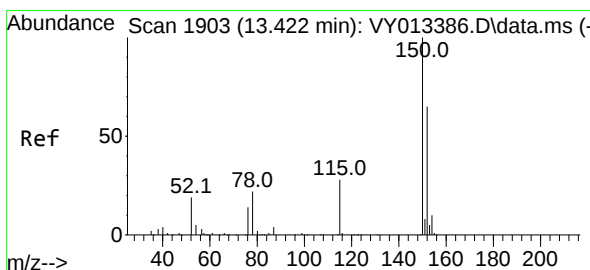
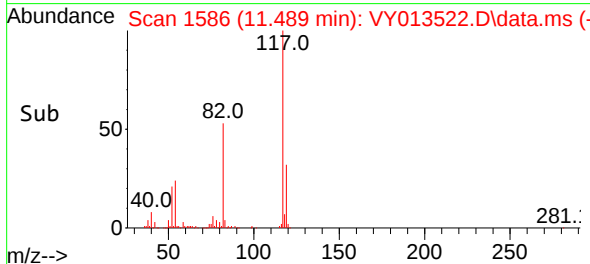
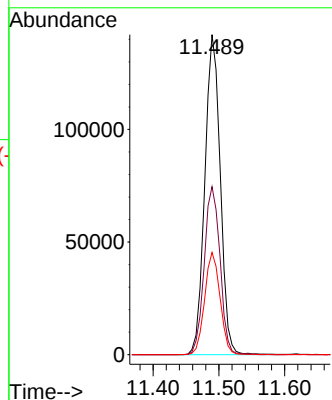
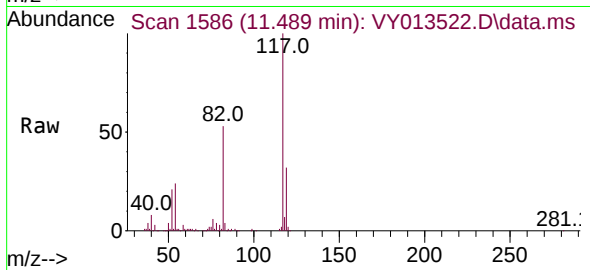
Tgt Ion:117 Resp: 232592

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.6

119 32.0 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: VY013522.D

Acq: 28 Apr 2023 13:43

Tgt Ion:152 Resp: 103713

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 156.9 0.0 352.0

