

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014164.D
 Acq On : 14 Jun 2023 19:23
 Operator : KP/MD
 Sample : 03223-06
 Misc : 8.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-04-GRAB-7

Quant Time: Jun 15 01:46:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

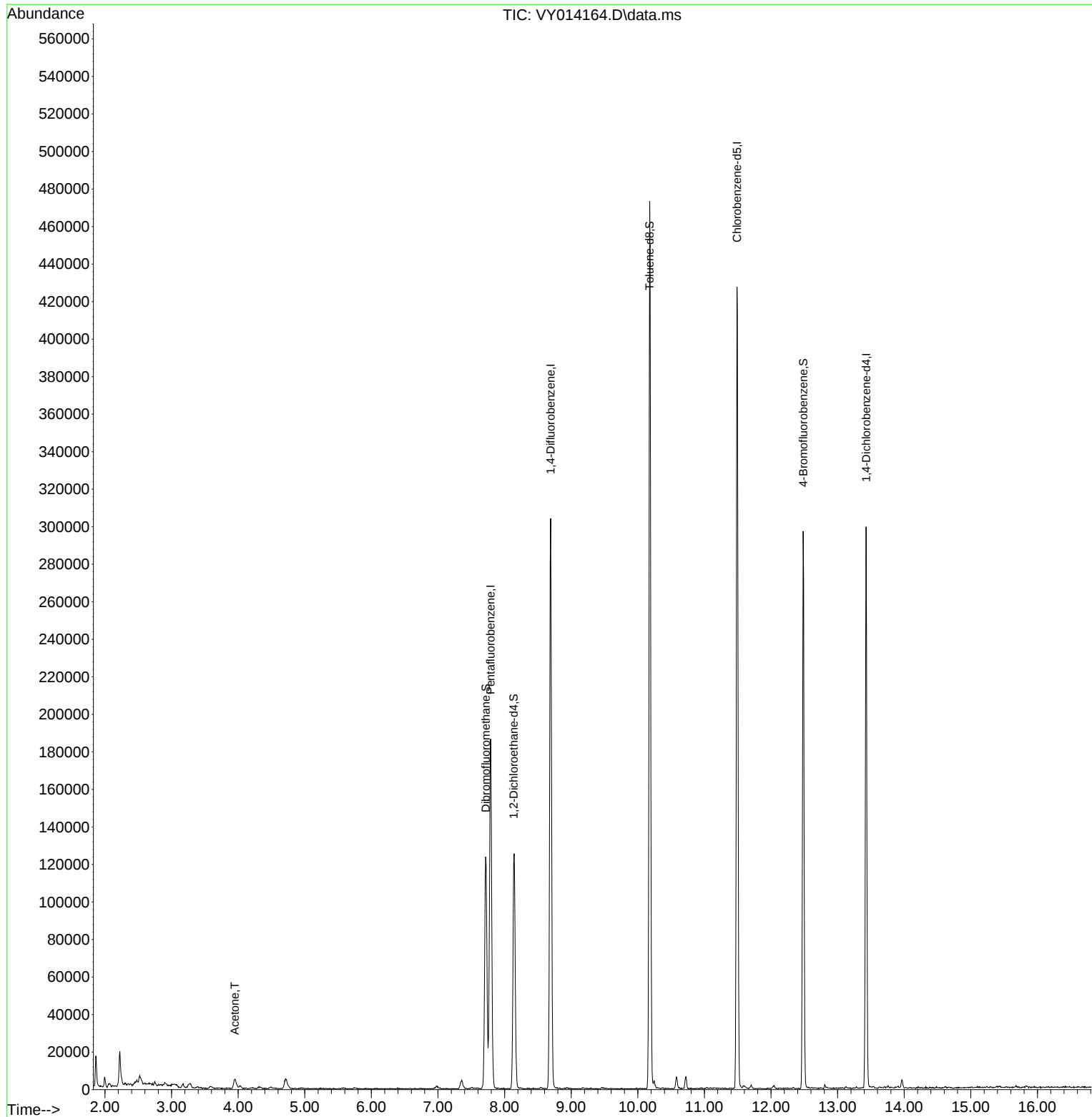
Internal Standards						
1) Pentafluorobenzene	7.789	168	145049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106285	52.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.240%
35) Dibromofluoromethane	7.716	113	85365	47.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.980%
50) Toluene-d8	10.179	98	304024	45.714	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.483	95	83106	35.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.360%
Target Compounds						
16) Acetone	3.948	43	8857	14.547	ug/l	Qvalue 93

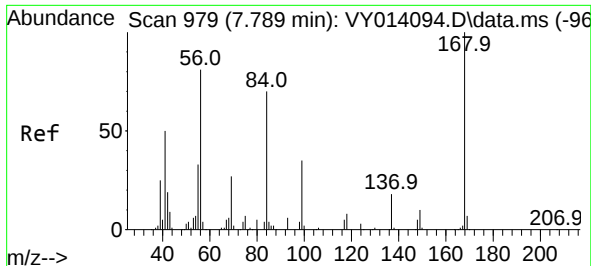
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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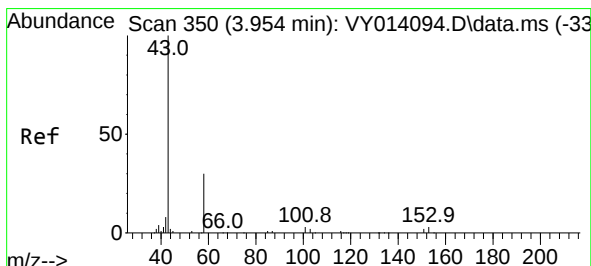
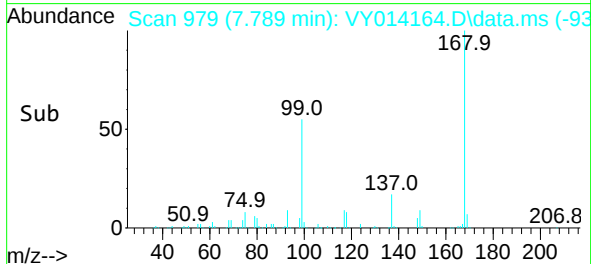
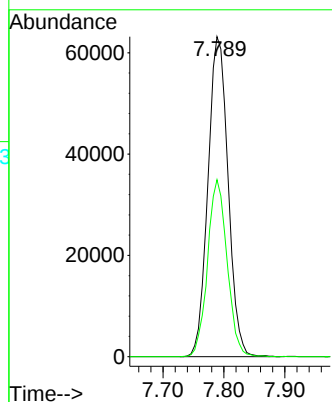
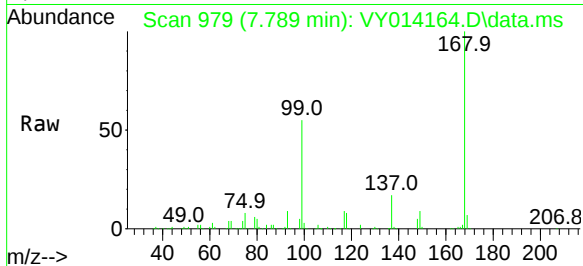




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014164.D
Acq: 14 Jun 2023 19:23

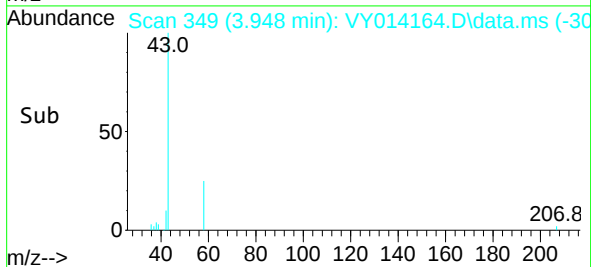
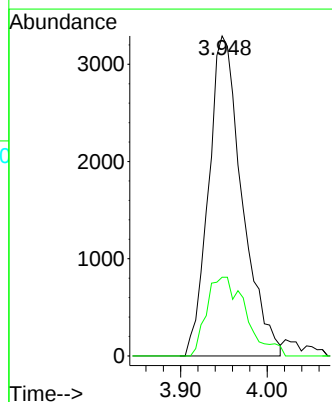
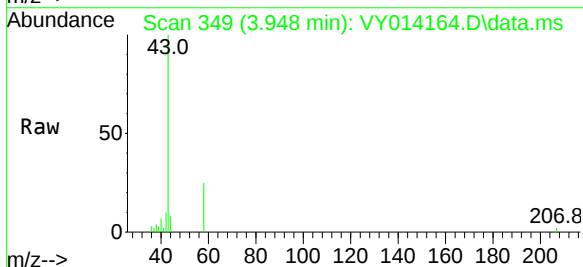
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-04-GRAB-7

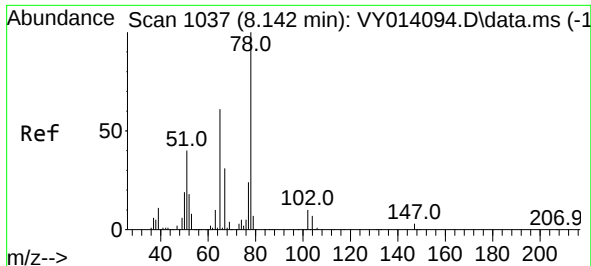
Tgt Ion:168 Resp: 145049
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 14.547 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014164.D
Acq: 14 Jun 2023 19:23

Tgt Ion: 43 Resp: 8857
Ion Ratio Lower Upper
43 100
58 24.6 22.7 34.1

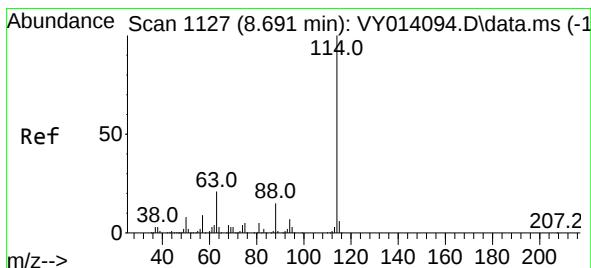
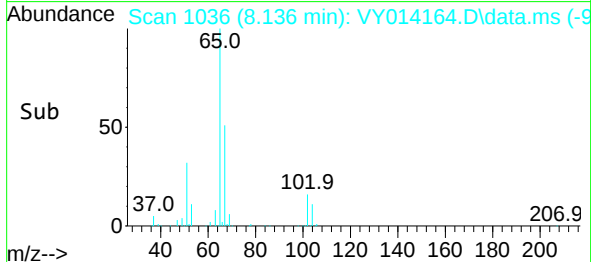
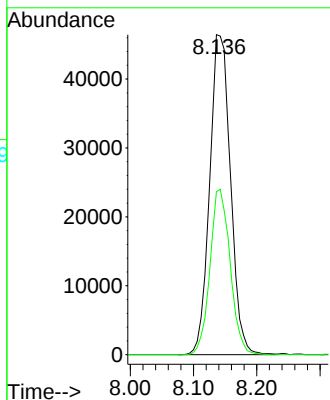
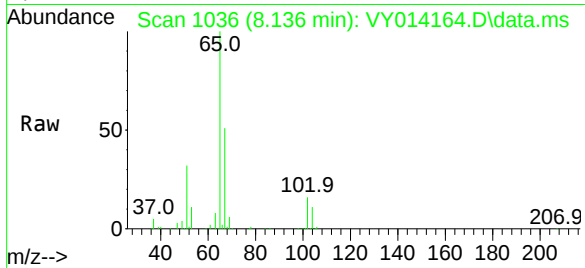




#33
1,2-Dichloroethane-d4
Concen: 52.621 ug/l
RT: 8.136 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY014164.D
Acq: 14 Jun 2023 19:23

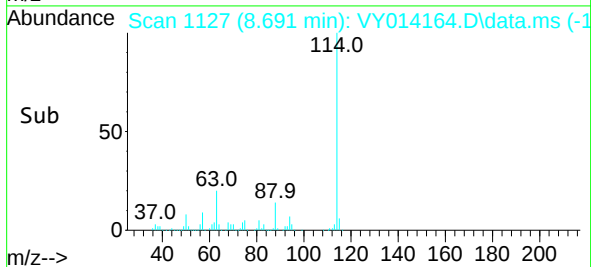
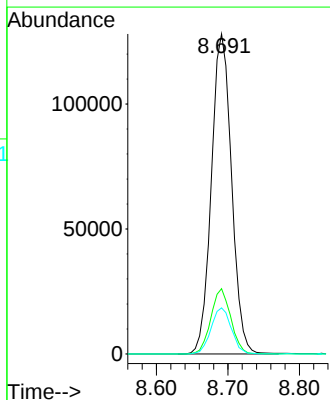
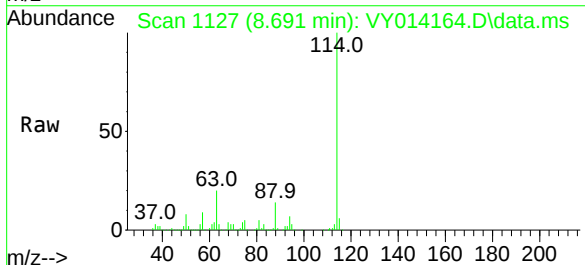
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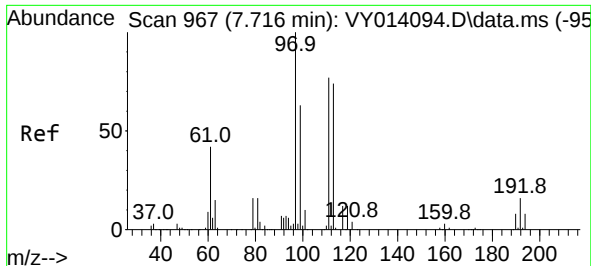
Tgt Ion: 65 Resp: 106285
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY014164.D
Acq: 14 Jun 2023 19:23

Tgt Ion: 114 Resp: 250839
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 14.4 0.0 30.6

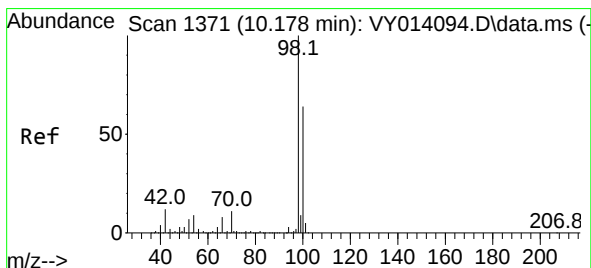
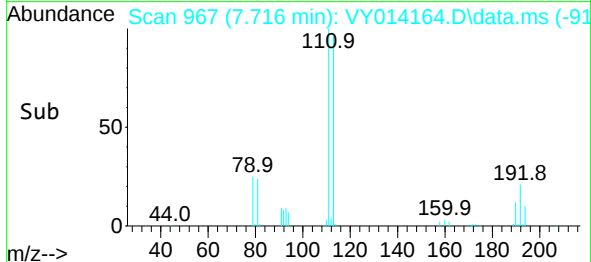
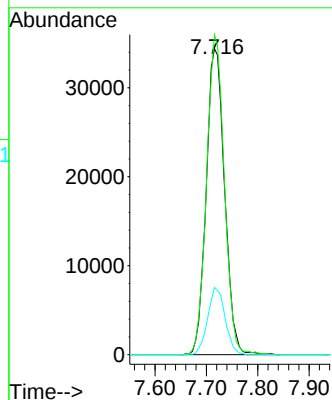
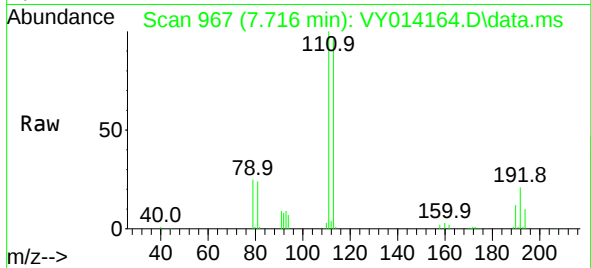




#35
Dibromofluoromethane
Concen: 47.988 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014164.D
Acq: 14 Jun 2023 19:23

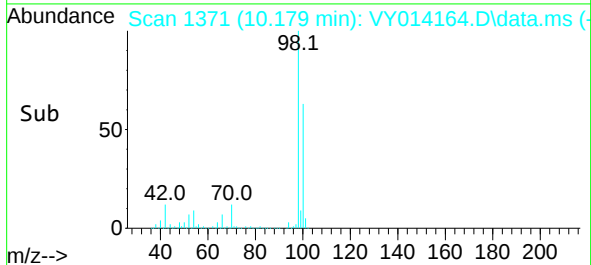
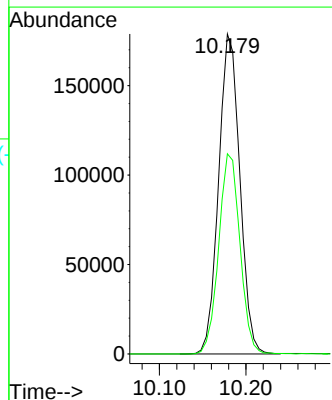
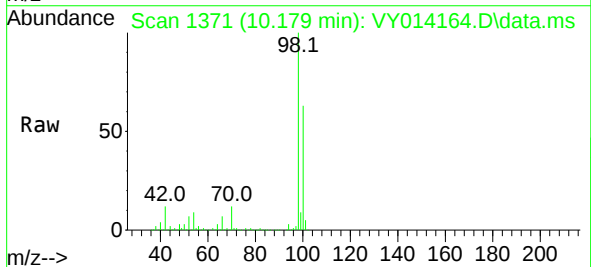
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TOTAL-VOC-SB-04-GRAB-7

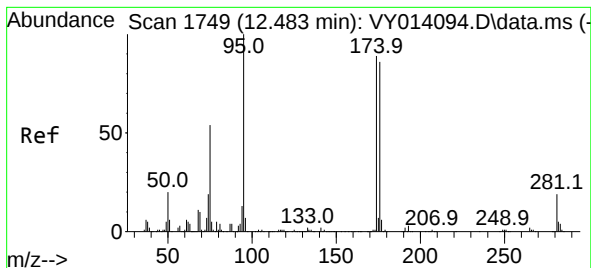
Tgt Ion:113 Resp: 85365
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 20.9 16.9 25.3



#50
Toluene-d8
Concen: 45.714 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014164.D
Acq: 14 Jun 2023 19:23

Tgt Ion: 98 Resp: 304024
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 35.177 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY014164.D

Acq: 14 Jun 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-04-GRAB-7

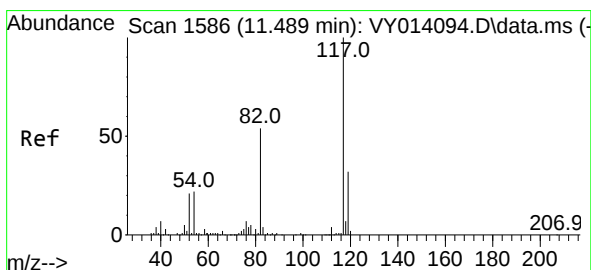
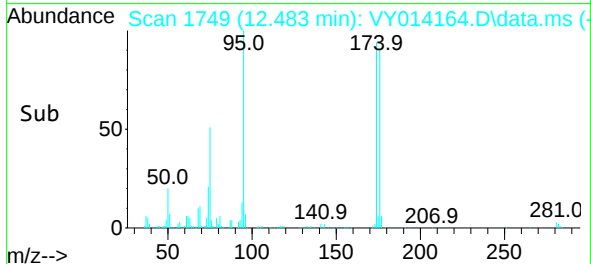
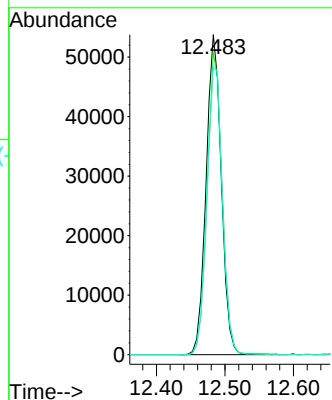
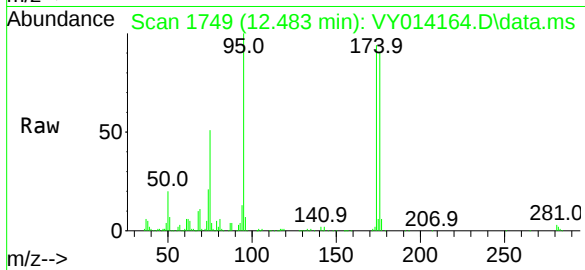
Tgt Ion: 95 Resp: 83106

Ion Ratio Lower Upper

95 100

174 93.6 0.0 178.2

176 91.8 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014164.D

Acq: 14 Jun 2023 19:23

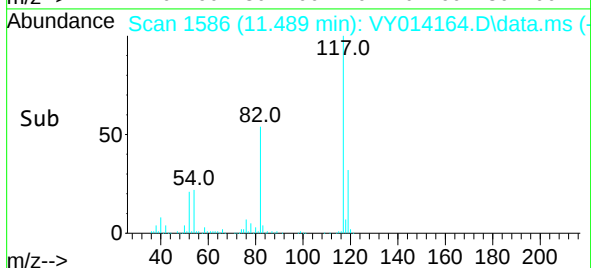
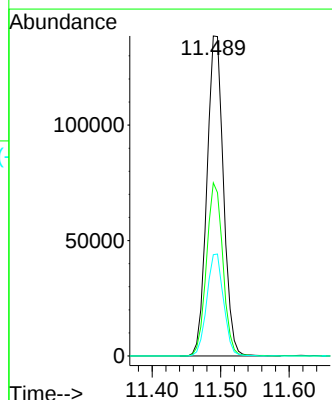
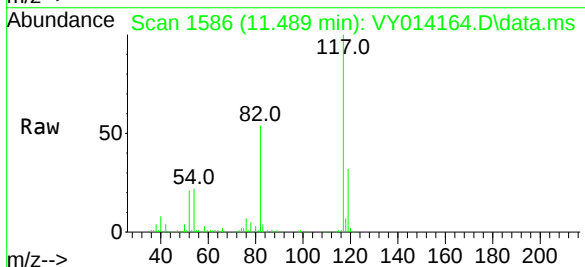
Tgt Ion: 117 Resp: 232832

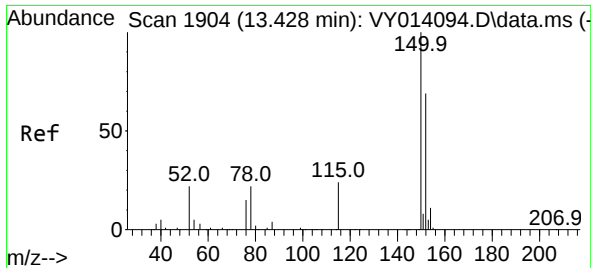
Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

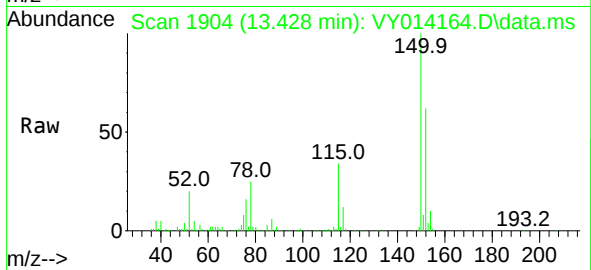
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY014164.D
 Acq: 14 Jun 2023 19:23

Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SB-04-GRAB-7



Tgt Ion:	152	Resp:	74615
Ion Ratio	Lower	Upper	
152	100		
115	55.5	28.8	86.5
150	157.3	0.0	348.8

