

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010069.D
 Acq On : 17 Aug 2022 15:28
 Operator : KP/MD
 Sample : N4211-04
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-WC-2

Quant Time: Aug 18 08:20:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

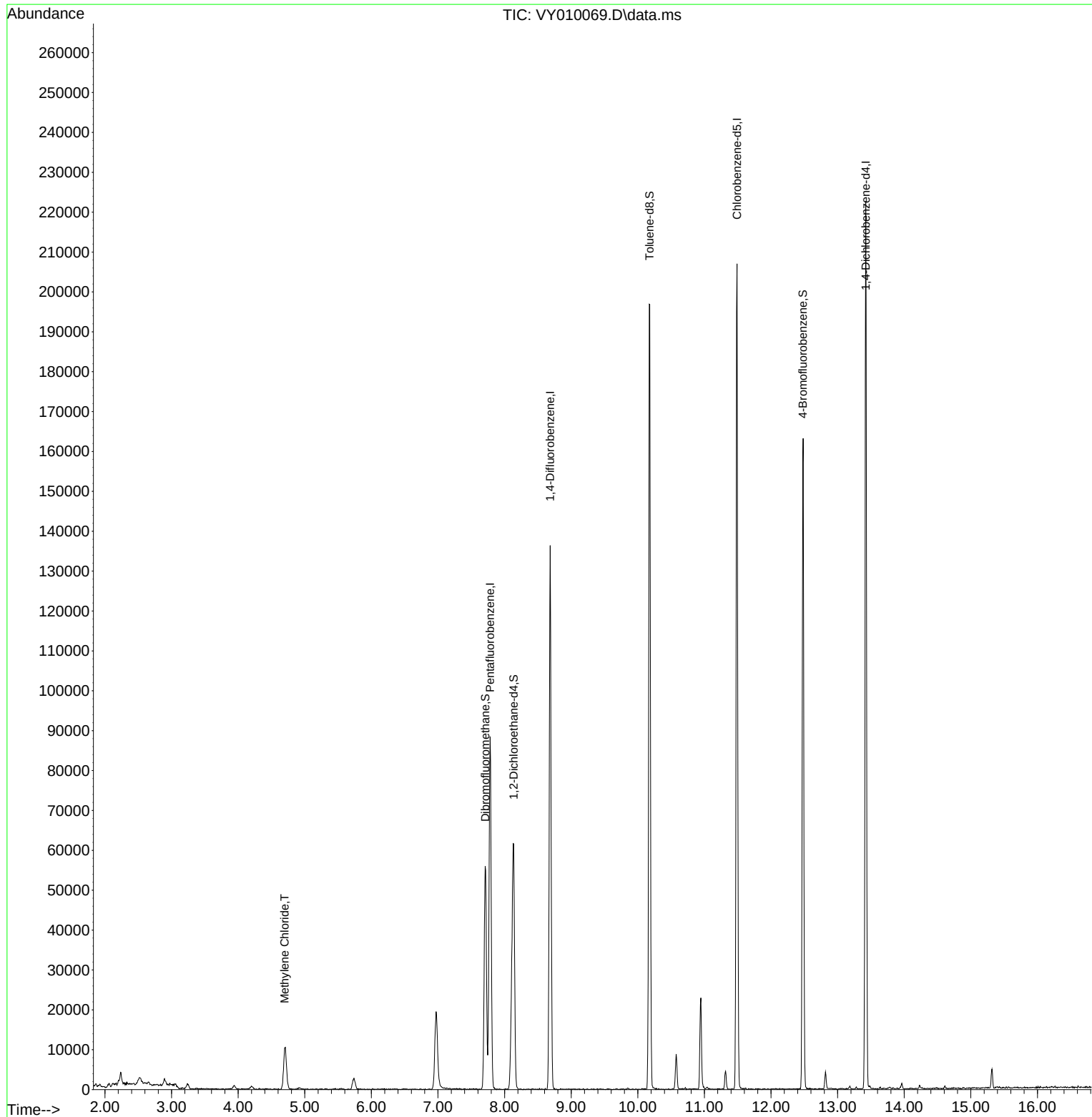
Internal Standards						
1) Pentafluorobenzene	7.783	168	73285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	117246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42183	57.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.140%
35) Dibromofluoromethane	7.710	113	39100	51.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.840%
50) Toluene-d8	10.179	98	132864	47.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.460%
62) 4-Bromofluorobenzene	12.477	95	45183	45.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.460%
Target Compounds						
20) Methylene Chloride	4.698	84	8090	8.334	ug/l	Qvalue 96

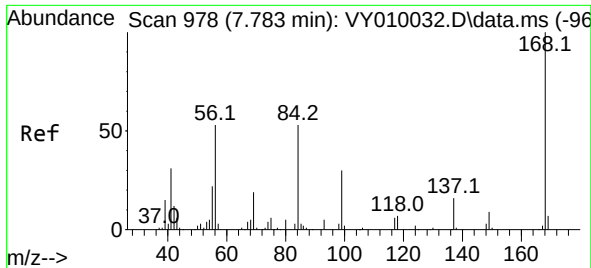
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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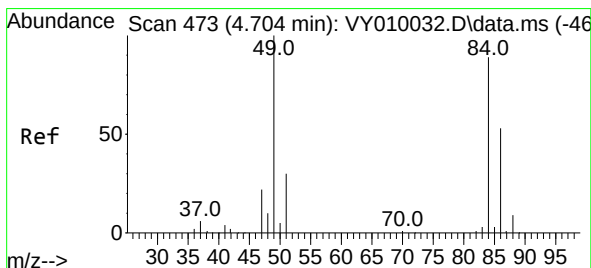
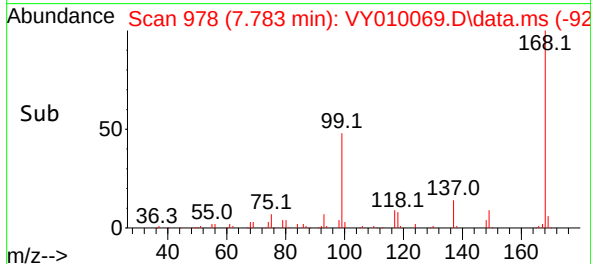
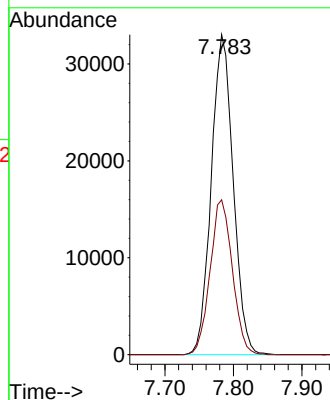
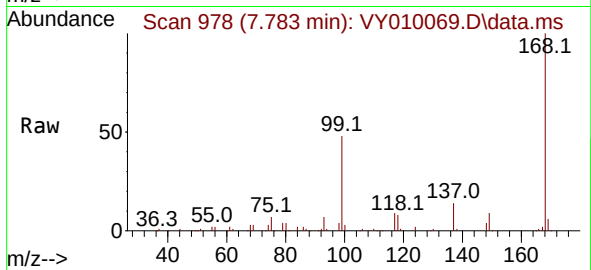




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010069.D
Acq: 17 Aug 2022 15:28

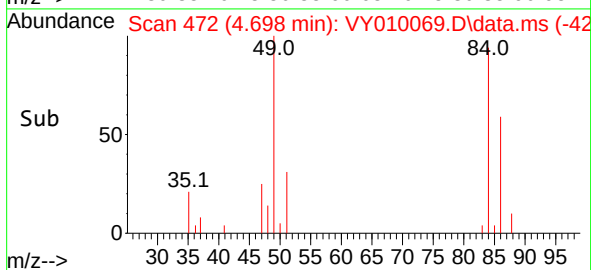
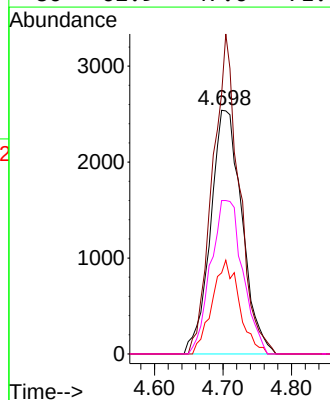
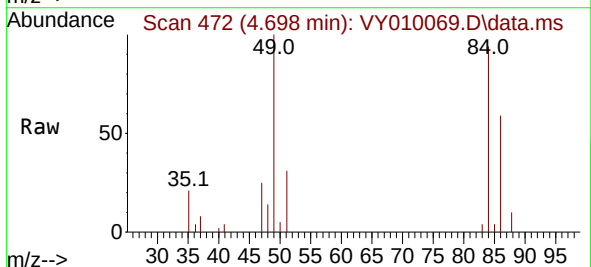
Instrument :
MSVOA_Y
ClientSampleId :
VOC-WC-2

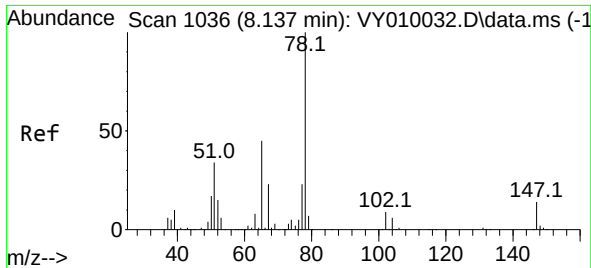
Tgt Ion:168 Resp: 73285
Ion Ratio Lower Upper
168 100
99 48.4 37.7 56.5



#20
Methylene Chloride
Concen: 8.334 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY010069.D
Acq: 17 Aug 2022 15:28

Tgt Ion: 84 Resp: 8090
Ion Ratio Lower Upper
84 100
49 106.8 89.5 134.3
51 33.3 26.8 40.2
86 62.9 47.6 71.4

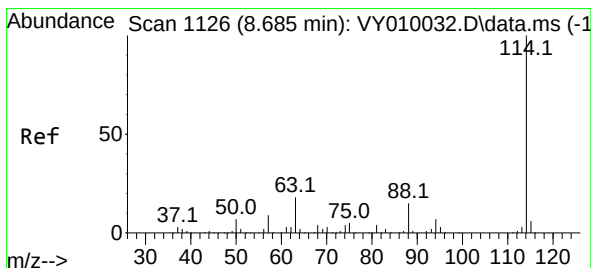
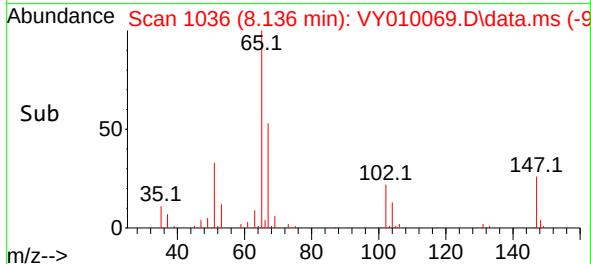
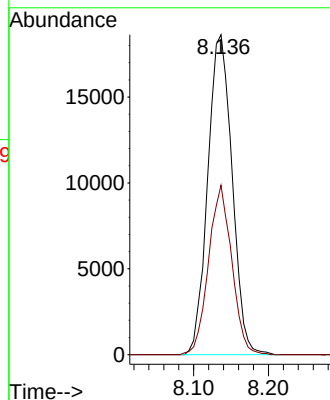
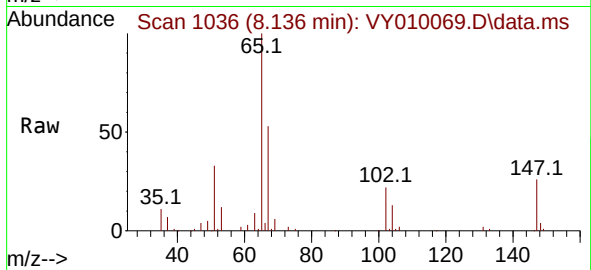




#33
 1,2-Dichloroethane-d4
 Concen: 57.568 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.001 min
 Lab File: VY010069.D
 Acq: 17 Aug 2022 15:28

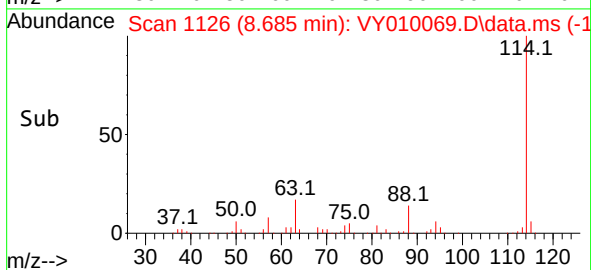
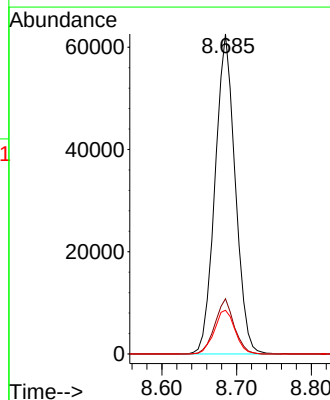
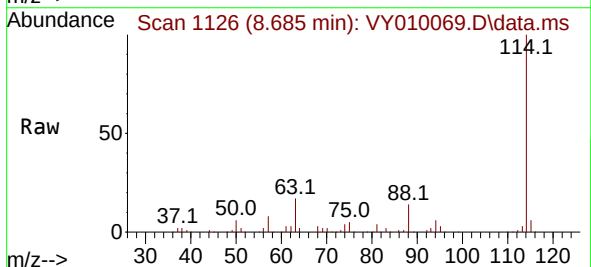
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-WC-2

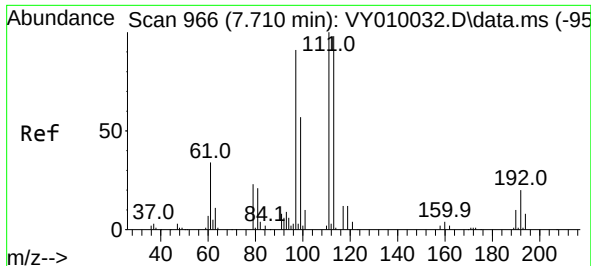
Tgt Ion: 65 Resp: 42183
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010069.D
 Acq: 17 Aug 2022 15:28

Tgt Ion: 114 Resp: 117246
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 13.6 0.0 30.2

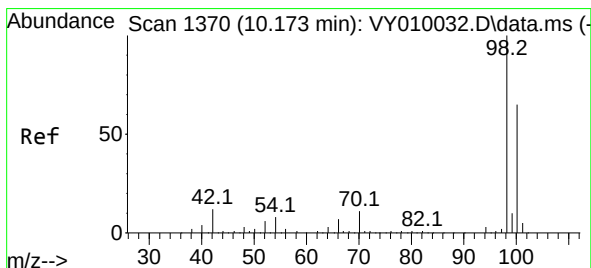
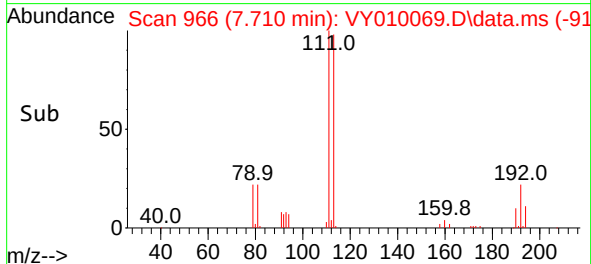
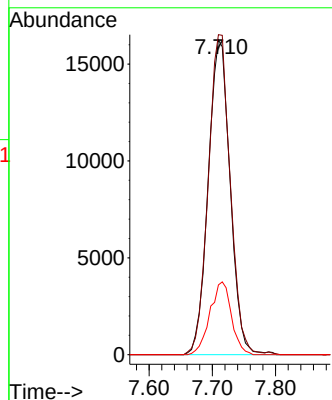
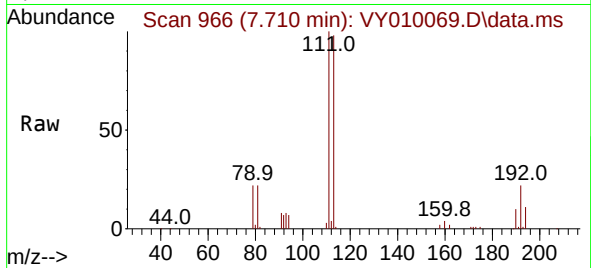




#35
Dibromofluoromethane
Concen: 51.424 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010069.D
Acq: 17 Aug 2022 15:28

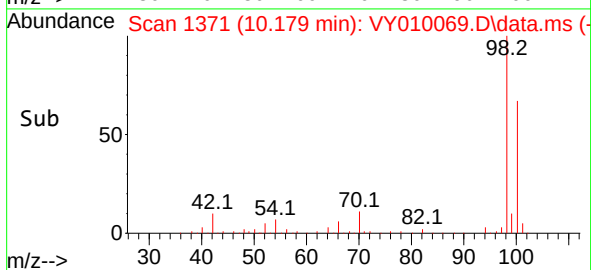
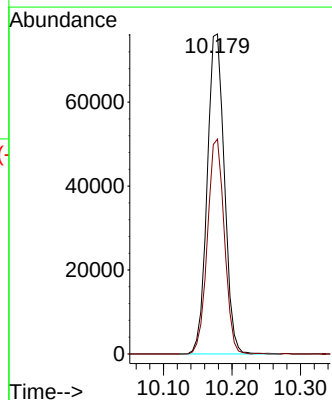
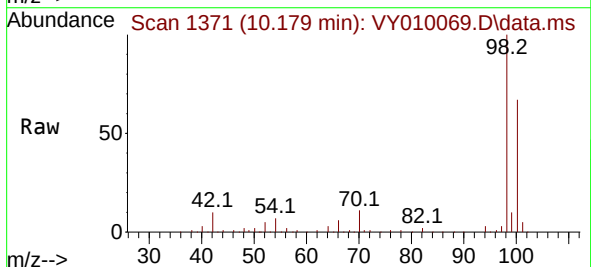
Instrument :
MSVOA_Y
ClientSampleId :
VOC-WC-2

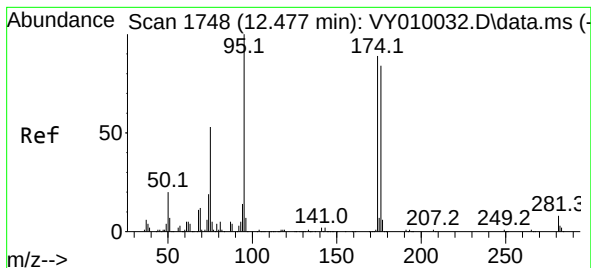
Tgt Ion:113 Resp: 39100
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 22.7 17.2 25.8



#50
Toluene-d8
Concen: 47.231 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010069.D
Acq: 17 Aug 2022 15:28

Tgt Ion: 98 Resp: 132864
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1

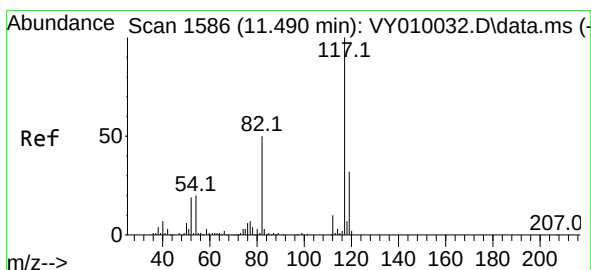
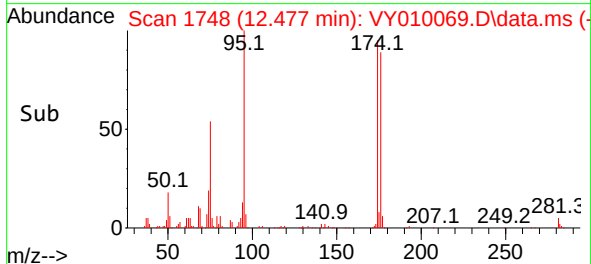
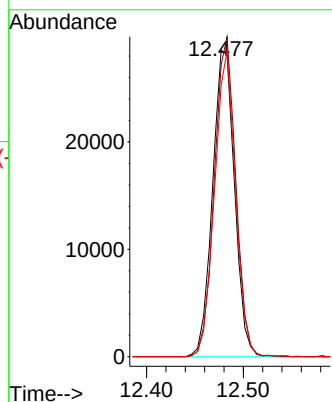
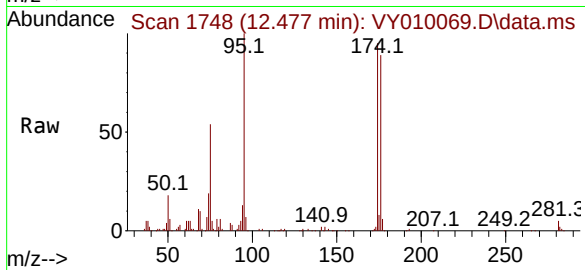




#62
4-Bromofluorobenzene
Concen: 45.730 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010069.D
Acq: 17 Aug 2022 15:28

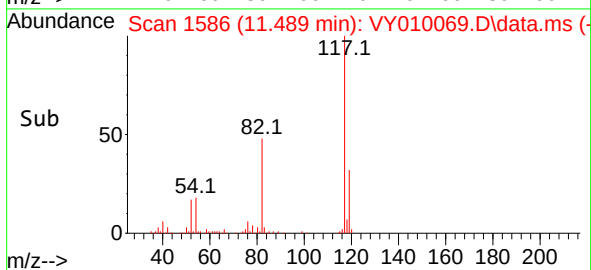
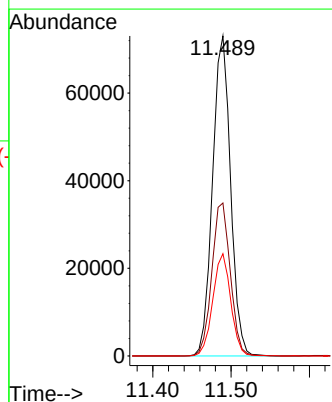
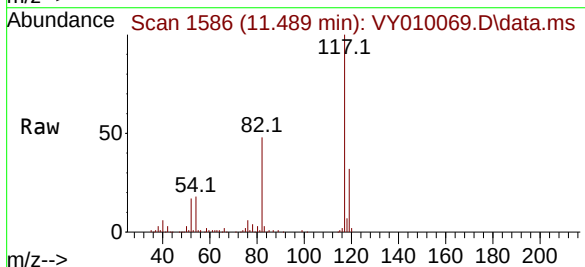
Instrument :
MSVOA_Y
ClientSampleId :
VOC-WC-2

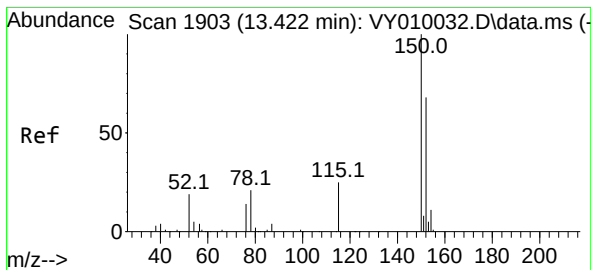
Tgt Ion: 95 Resp: 45183
Ion Ratio Lower Upper
95 100
174 100.8 0.0 184.2
176 94.6 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010069.D
Acq: 17 Aug 2022 15:28

Tgt Ion: 117 Resp: 116509
Ion Ratio Lower Upper
117 100
82 47.8 39.8 59.6
119 31.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010069.D

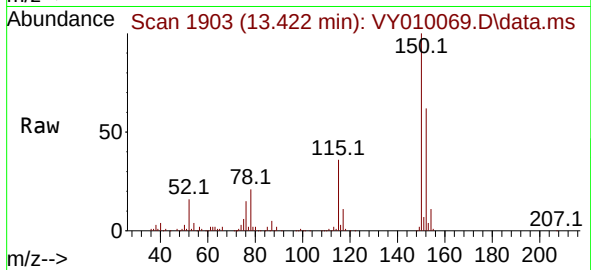
Acq: 17 Aug 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

VOC-WC-2



Tgt Ion:152 Resp: 58726

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.3

150 161.6 0.0 346.6

