

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012384.D
 Acq On : 27 Jan 2023 15:29
 Operator : KP/MD
 Sample : 01328-05
 Misc : 7.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1-BORING-1-0-7-GRAB-2

Quant Time: Jan 30 02:42:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	3343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1810	66.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.260%
35) Dibromofluoromethane	7.716	113	190	6.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	13.840%#
50) Toluene-d8	10.179	98	5888	63.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	126.140%
62) 4-Bromofluorobenzene	12.477	95	1490	38.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.040%

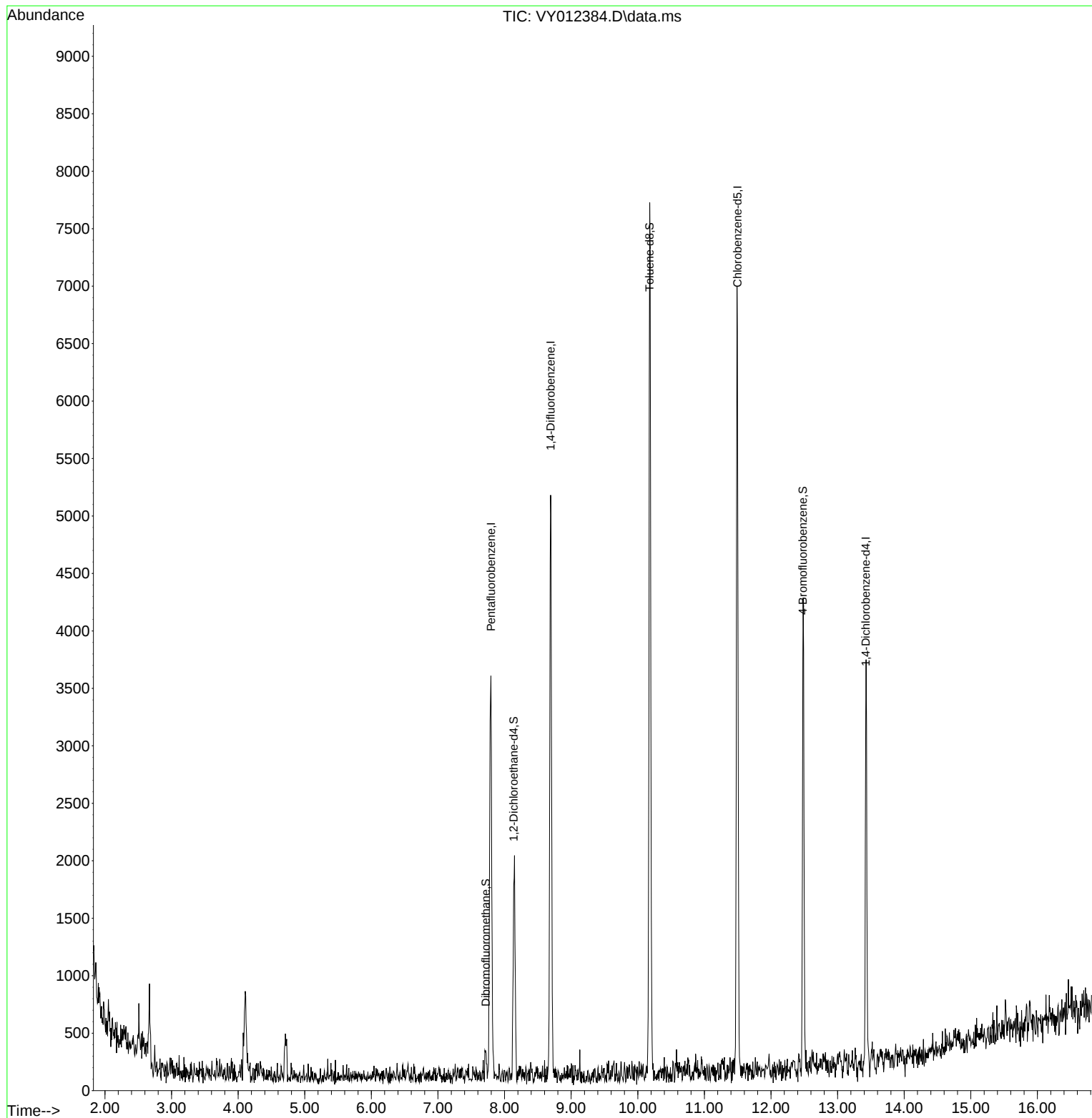
Target Compounds	Qvalue

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

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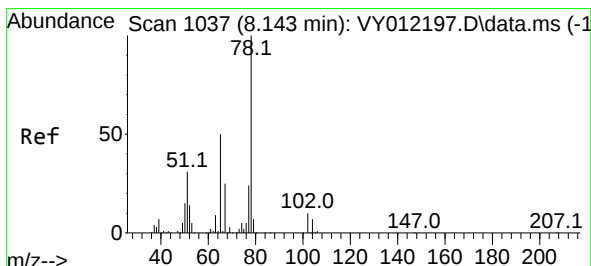
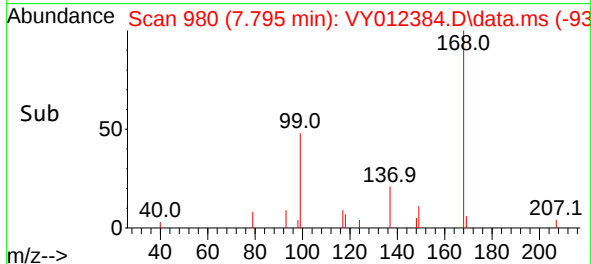
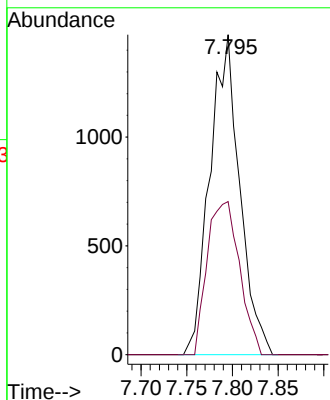
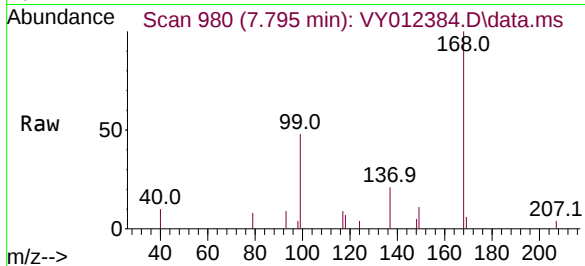




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

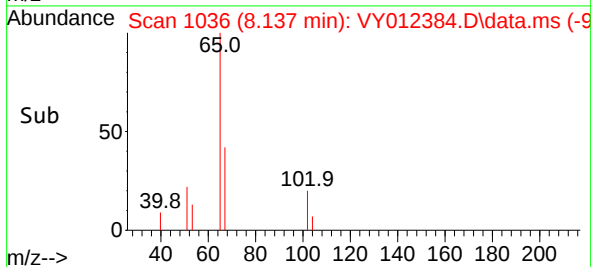
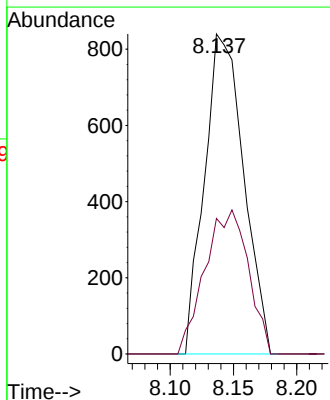
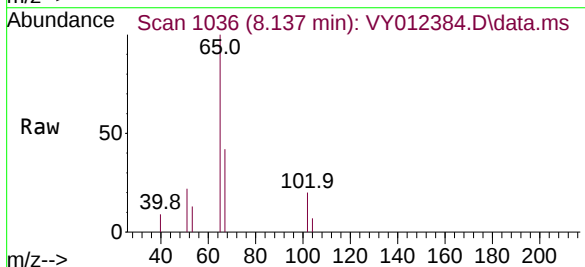
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1-BORING-1-0-7-GRAB-2

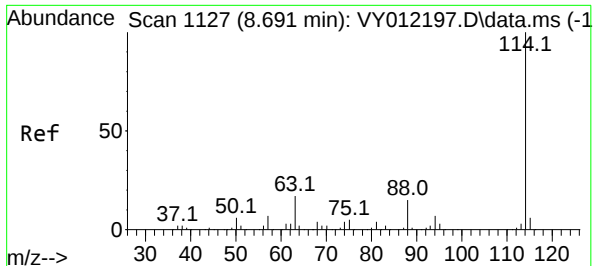
Tgt Ion:168 Resp: 3343
Ion Ratio Lower Upper
168 100
99 47.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 66.628 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion: 65 Resp: 1810
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012384.D

Acq: 27 Jan 2023 15:29

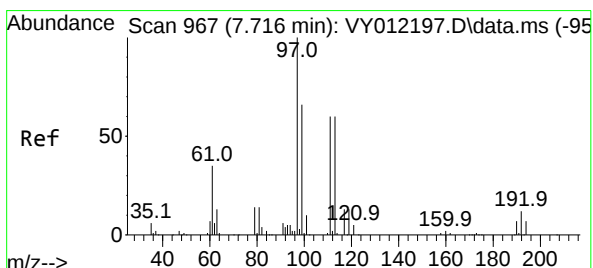
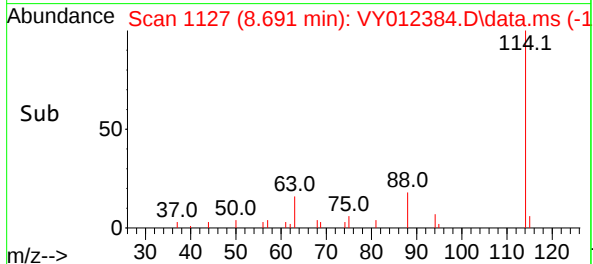
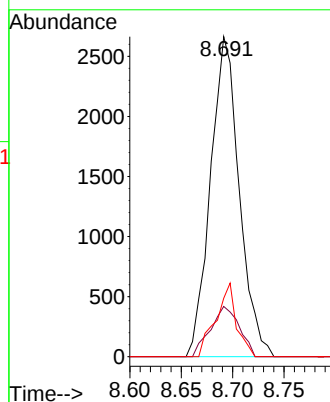
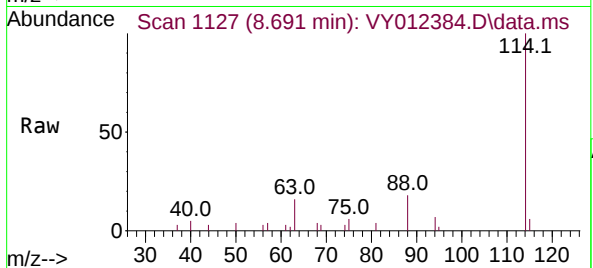
Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-1-BORING-1-0-7-GRAB-2

Tgt Ion:114	Resp:	5182
Ion Ratio	Lower	Upper
114	100	
63	15.7	0.0 39.6
88	18.2	0.0 32.2



#35

Dibromofluoromethane

Concen: 6.925 ug/l

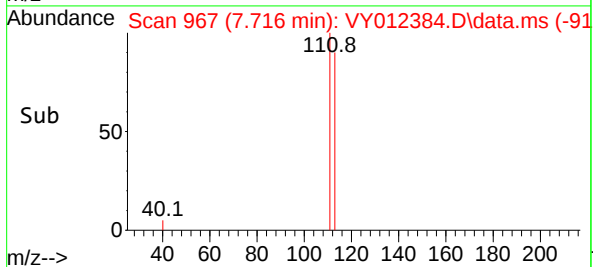
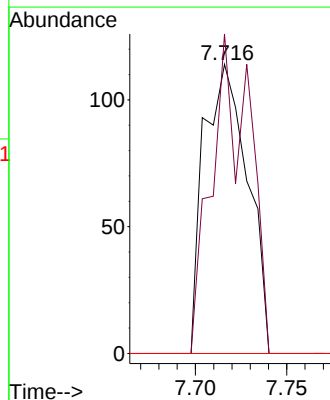
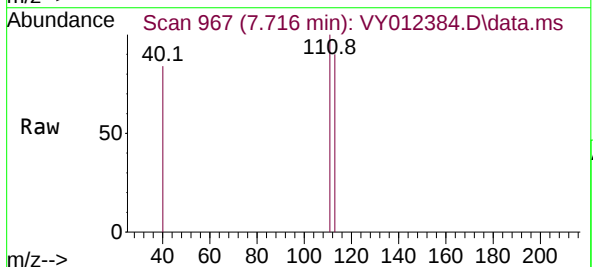
RT: 7.716 min Scan# 967

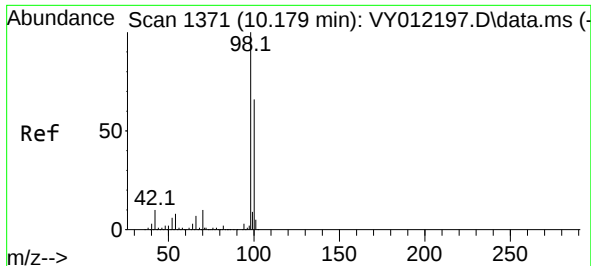
Delta R.T. -0.000 min

Lab File: VY012384.D

Acq: 27 Jan 2023 15:29

Tgt Ion:113	Resp:	190
Ion Ratio	Lower	Upper
113	100	
111	95.8	83.0 124.4
192	0.0	16.0 24.0#

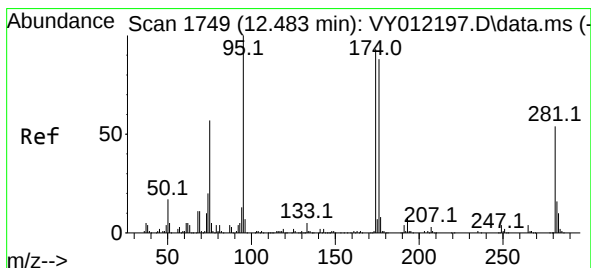
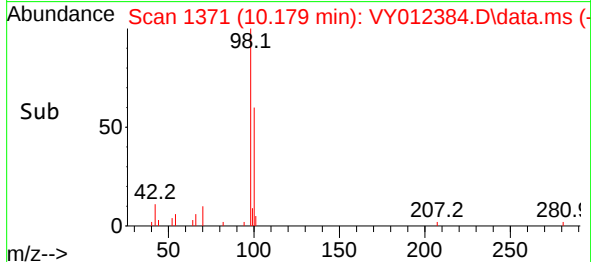
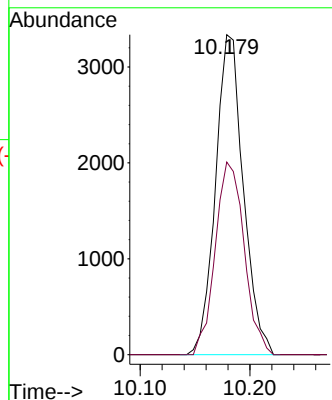
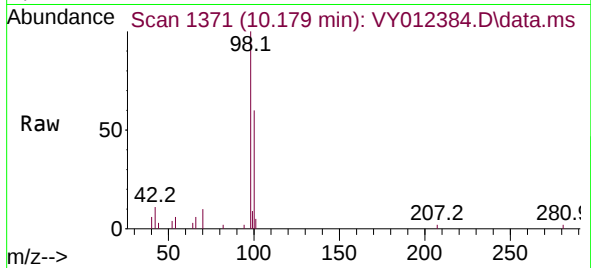




#50
Toluene-d8
Concen: 63.065 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

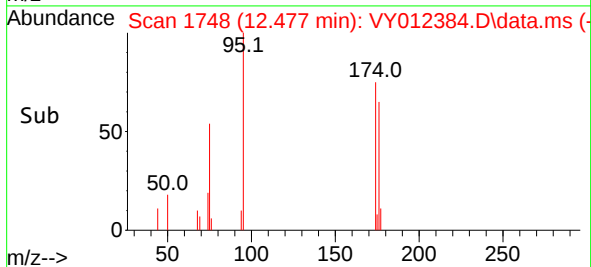
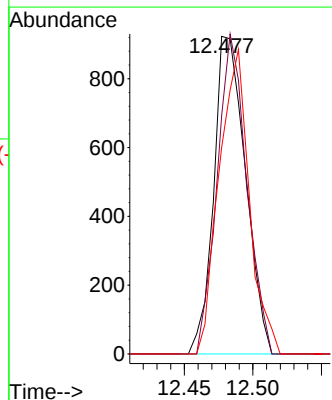
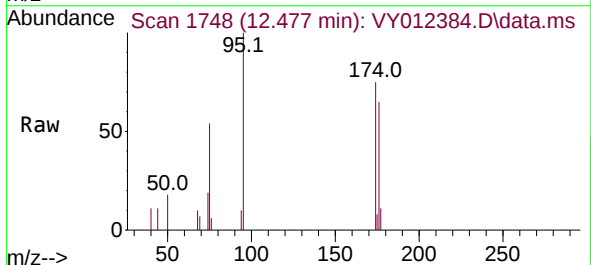
Instrument :
MSVOA_Y
ClientSampleId :
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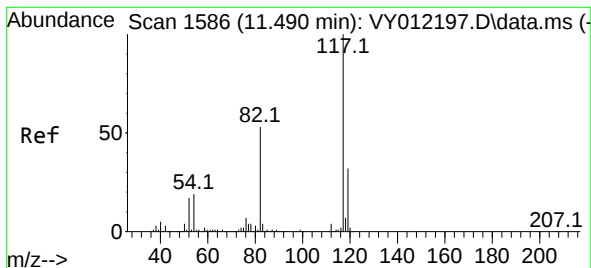
Tgt Ion: 98 Resp: 5888
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 38.521 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012384.D
Acq: 27 Jan 2023 15:29

Tgt Ion: 95 Resp: 1490
Ion Ratio Lower Upper
95 100
174 93.4 0.0 172.0
176 91.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012384.D

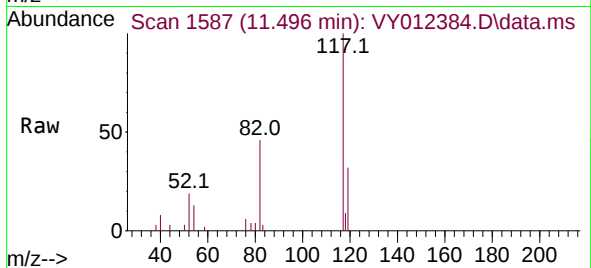
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Instrument :

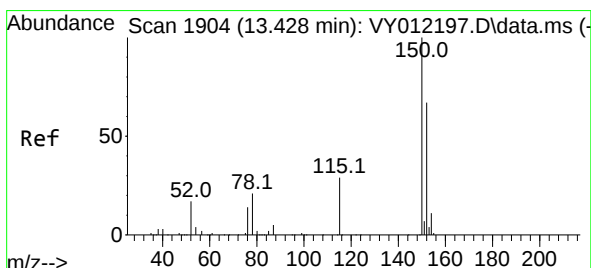
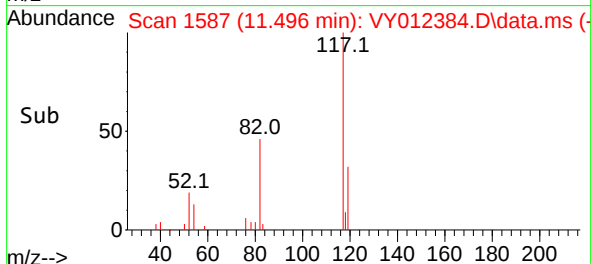
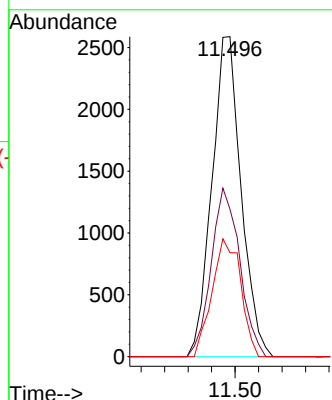
MSVOA_Y

ClientSampleId :

TOTAL-VOC-1-BORING-1-0-7-GRAB-2



Tgt Ion:117	Resp:	4462
Ion	Ratio	Lower Upper
117	100	
82	46.1	44.8 67.2
119	32.5	25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY012384.D

Acq: 27 Jan 2023 15:29

Tgt Ion:152	Resp:	1208
Ion	Ratio	Lower Upper
152	100	
115	52.2	29.1 87.3
150	156.9	0.0 342.6

