

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017203.D
 Acq On : 03 Feb 2024 00:10
 Operator : SY/MD
 Sample : P1307-18
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-614-VOC-03

Quant Time: Feb 03 01:43:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

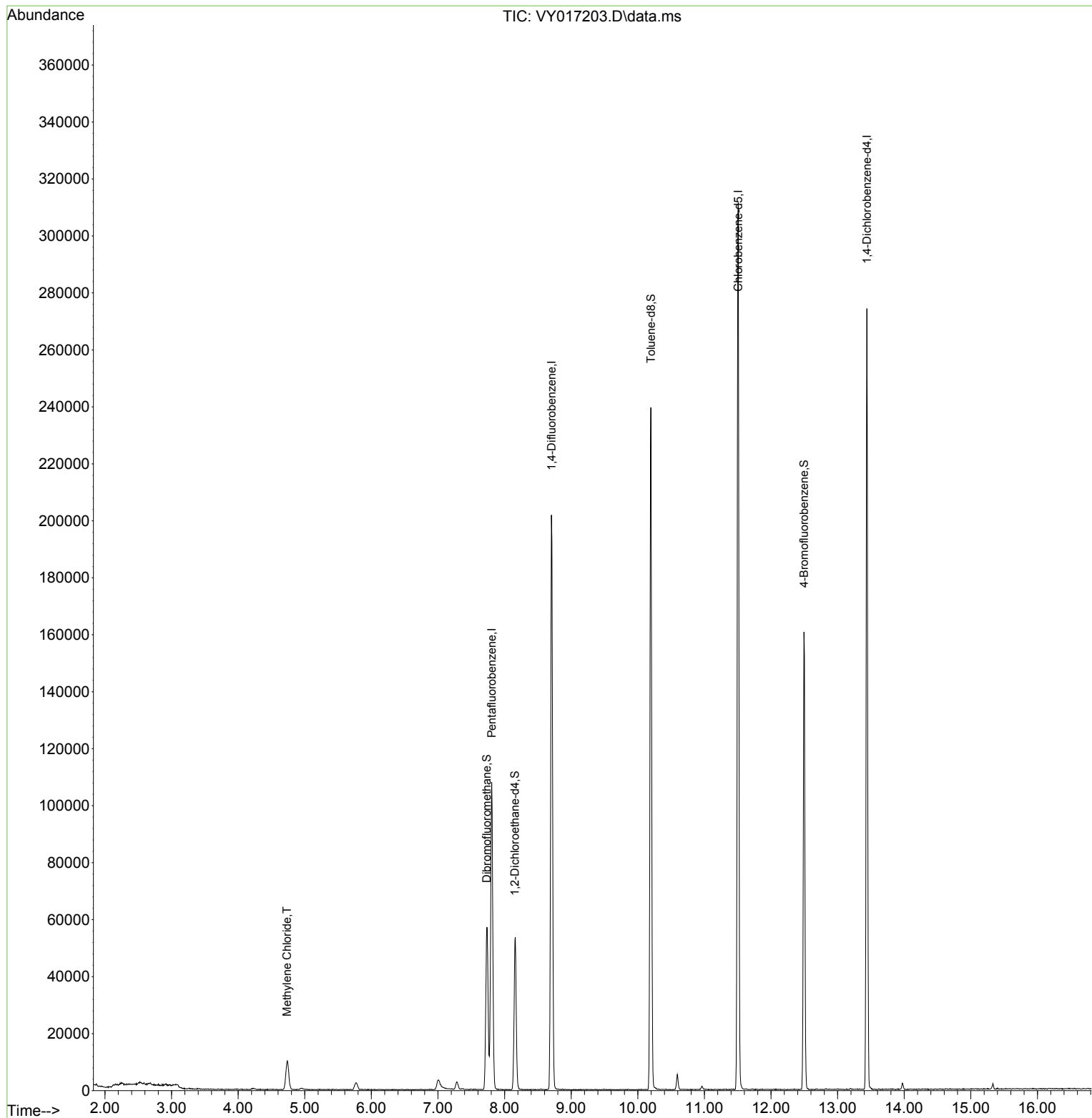
Internal Standards						
1) Pentafluorobenzene	7.807	168	81048	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	175494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	175853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	66870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	39990	55.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.460%
35) Dibromofluoromethane	7.734	113	42337	44.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.360%
50) Toluene-d8	10.197	98	155389	45.041	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.080%
62) 4-Bromofluorobenzene	12.495	95	49961	44.207	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.420%
Target Compounds						
20) Methylene Chloride	4.735	84	7946	6.037	ug/l	Qvalue 94

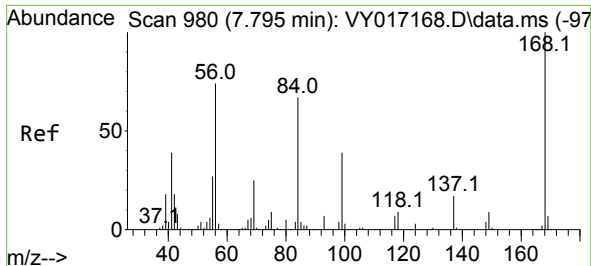
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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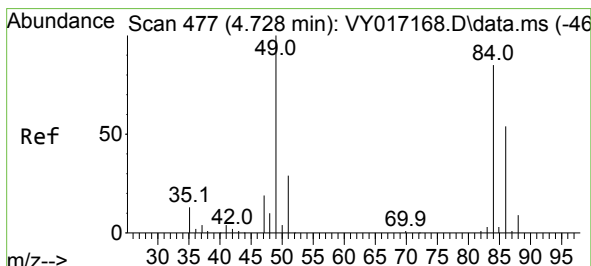
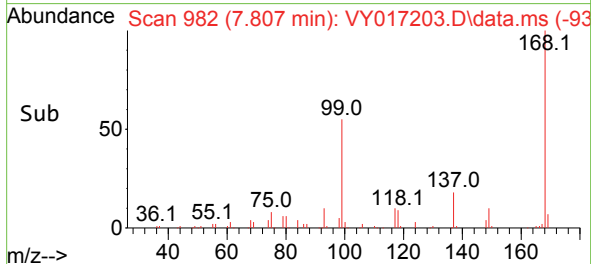
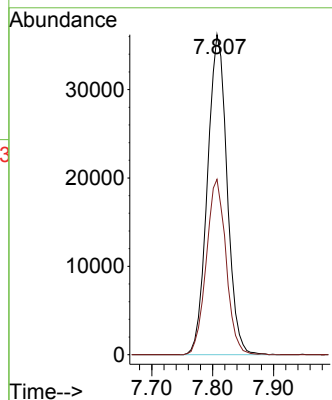
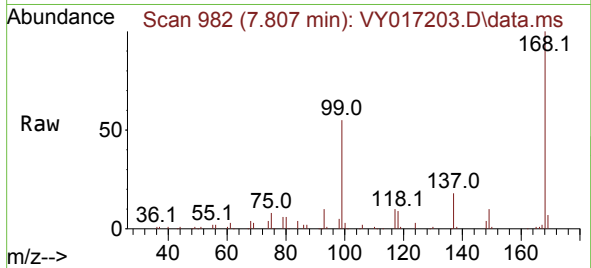




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

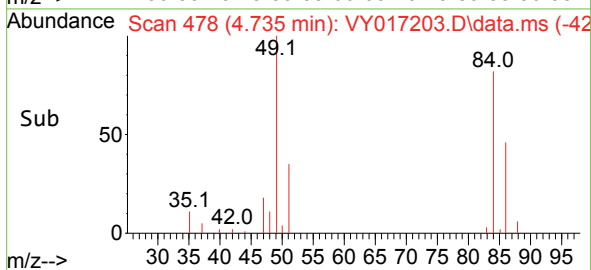
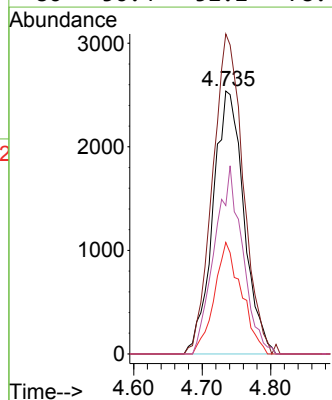
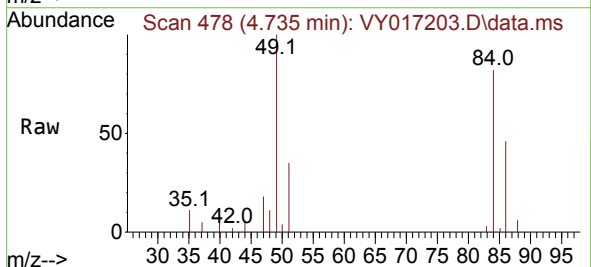
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-03

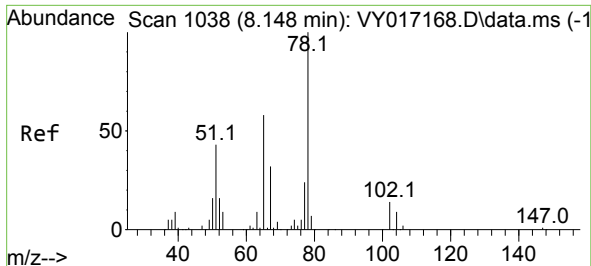
Tgt Ion:168 Resp: 81048
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#20
Methylene Chloride
Concen: 6.037 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Tgt Ion: 84 Resp: 7946
Ion Ratio Lower Upper
84 100
49 121.7 95.2 142.8
51 42.4 29.9 44.9
86 56.4 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 55.232 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

Instrument :

MSVOA_Y

ClientSampleId :

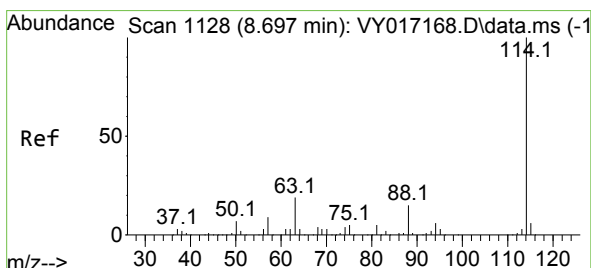
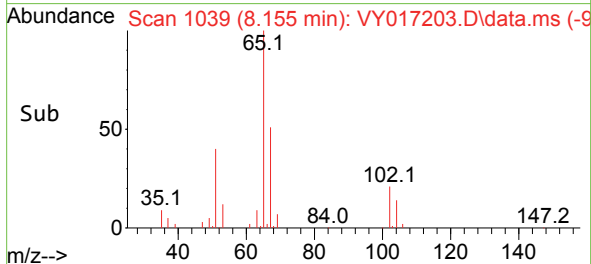
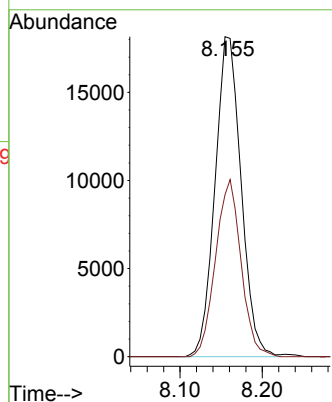
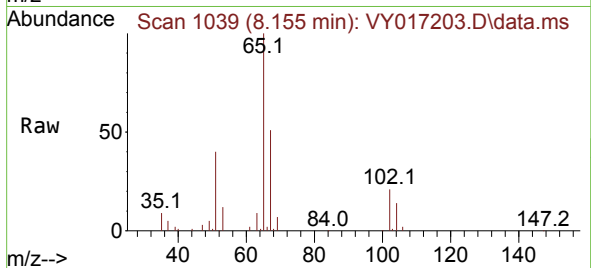
TR-614-VOC-03

Tgt Ion: 65 Resp: 39990

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

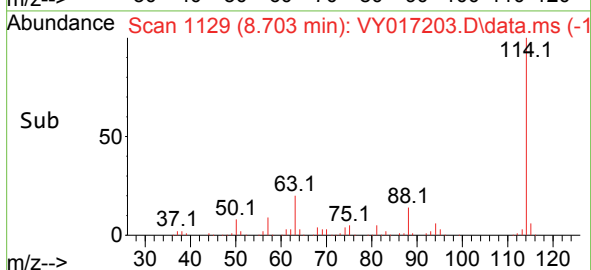
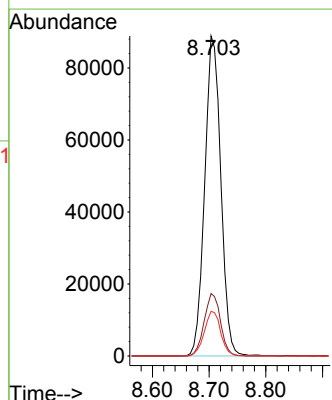
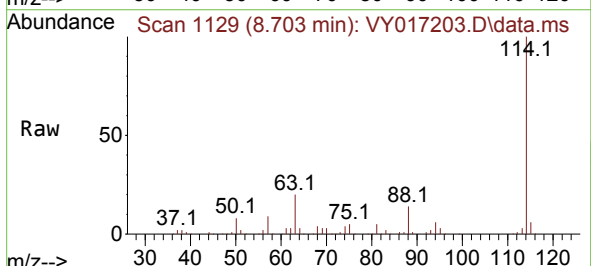
Tgt Ion: 114 Resp: 175494

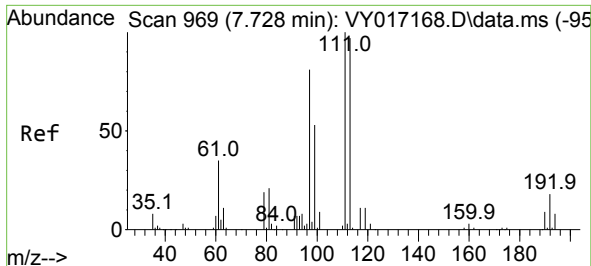
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.0 0.0 29.0

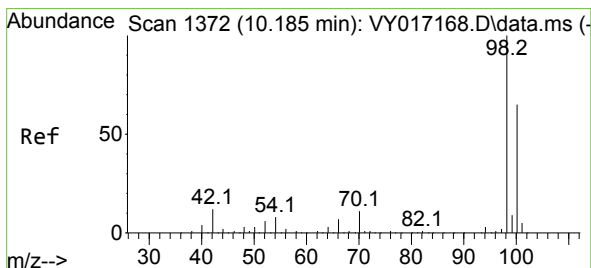
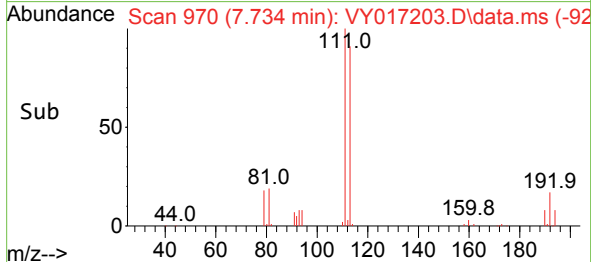
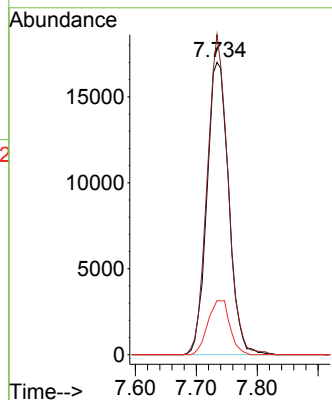
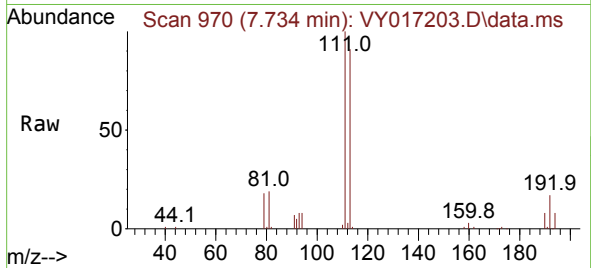




#35
Dibromofluoromethane
Concen: 44.680 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

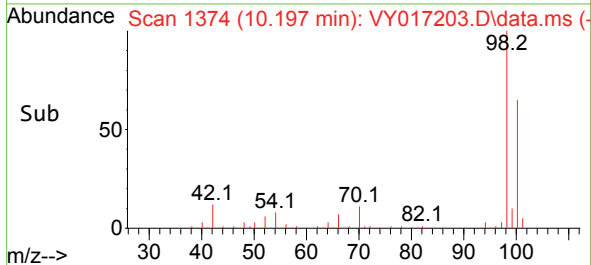
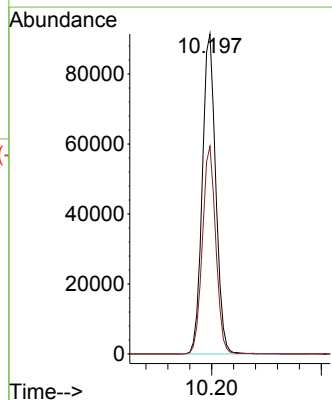
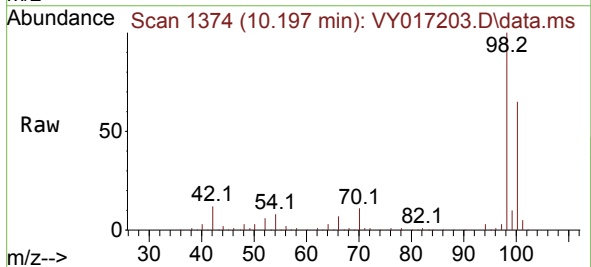
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-03

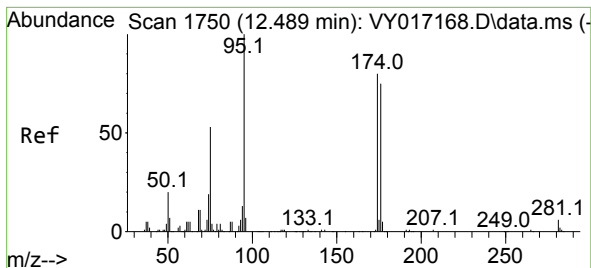
Tgt Ion:113 Resp: 42337
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.7 14.5 21.7



#50
Toluene-d8
Concen: 45.041 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017203.D
Acq: 03 Feb 2024 00:10

Tgt Ion: 98 Resp: 155389
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 44.207 ug/l

RT: 12.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

Instrument :

MSVOA_Y

ClientSampleId :

TR-614-VOC-03

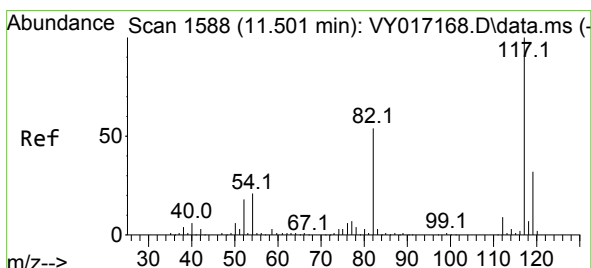
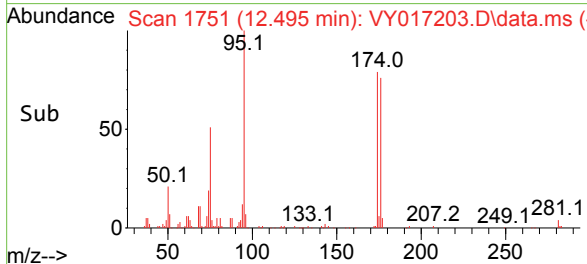
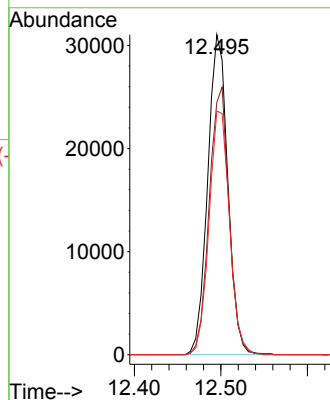
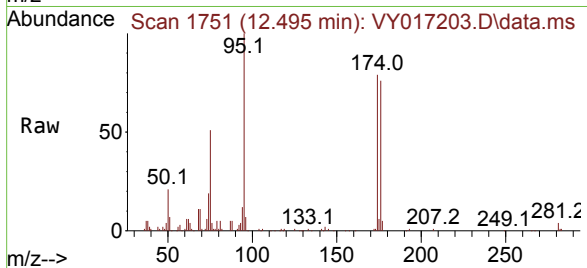
Tgt Ion: 95 Resp: 49961

Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.0

176 77.5 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. 0.006 min

Lab File: VY017203.D

Acq: 03 Feb 2024 00:10

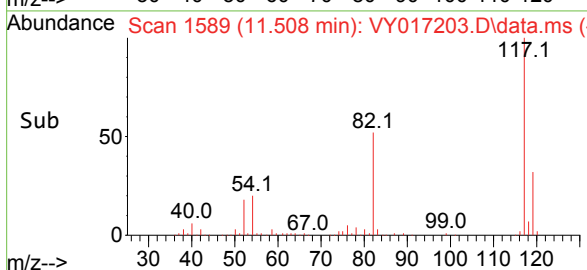
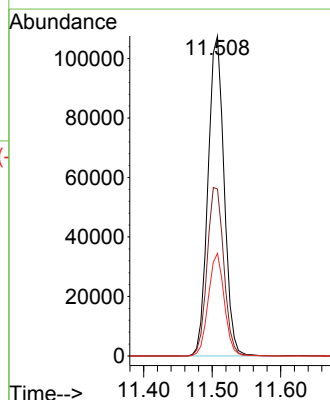
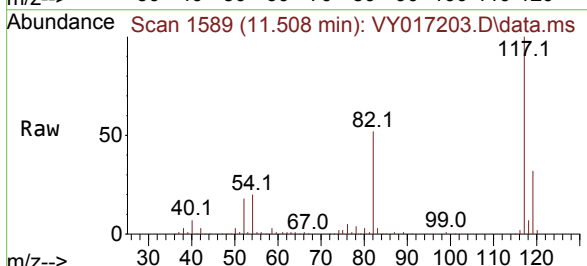
Tgt Ion: 117 Resp: 175853

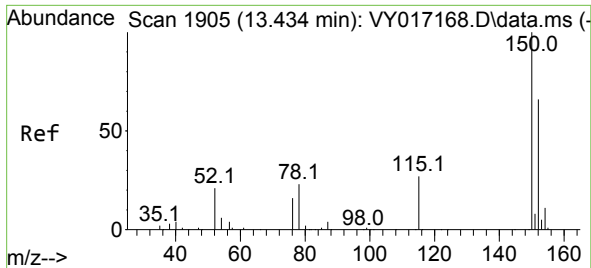
Ion Ratio Lower Upper

117 100

82 52.1 43.8 65.8

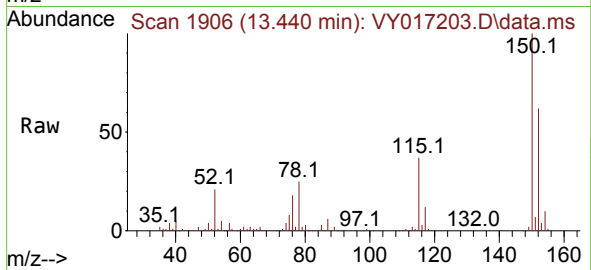
119 32.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY017203.D
 Acq: 03 Feb 2024 00:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-614-VOC-03



Tgt Ion:152 Resp: 66870
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.0 90.0
 150 158.8 0.0 344.6

