

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018082.D
 Acq On : 29 Apr 2024 20:41
 Operator : SY/MD
 Sample : P2307-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Apr 30 01:05:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

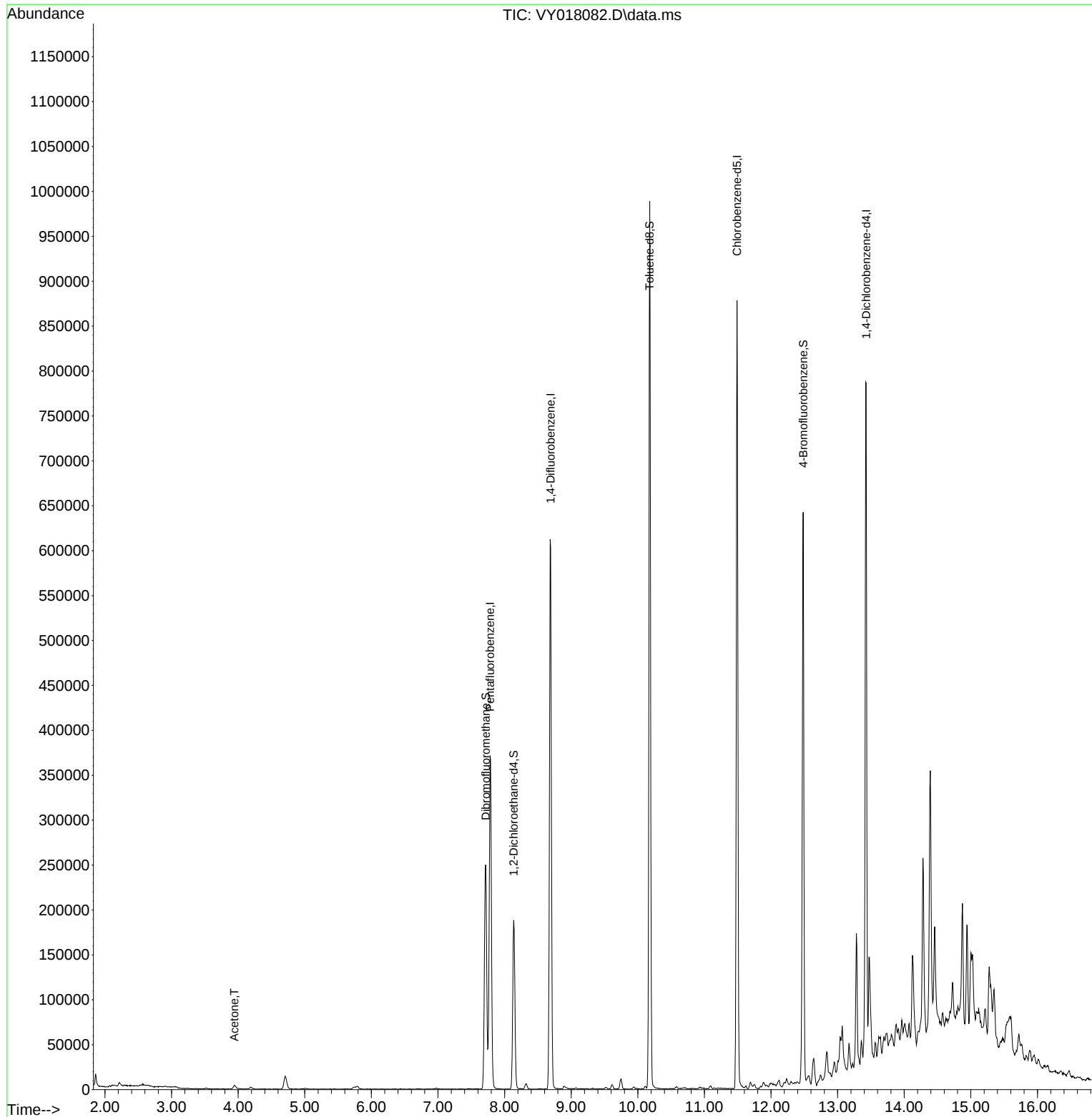
Internal Standards						
1) Pentafluorobenzene	7.783	168	321685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	584001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	529652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	142722	51.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.540%	
35) Dibromofluoromethane	7.716	113	187060	51.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.840%	
50) Toluene-d8	10.179	98	674985	49.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.483	95	191515	45.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.460%	
Target Compounds						
16) Acetone	3.942	43	7283	13.241	ug/l	Qvalue 88

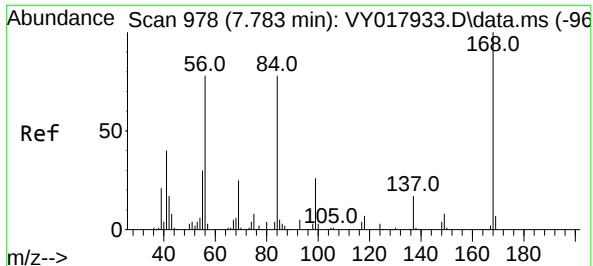
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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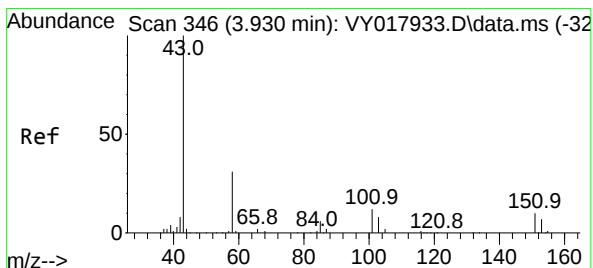
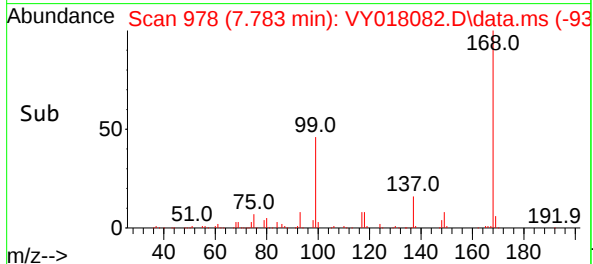
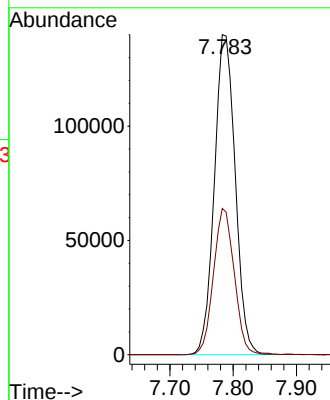
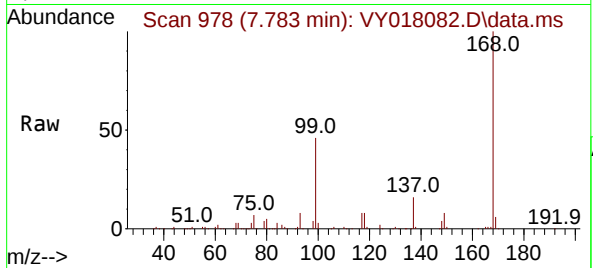




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

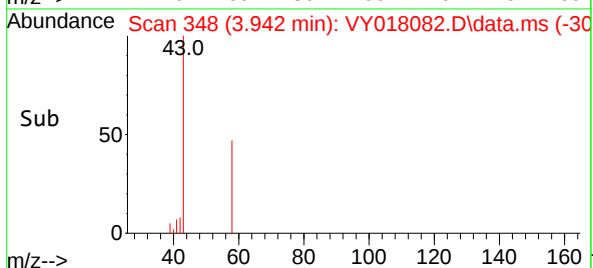
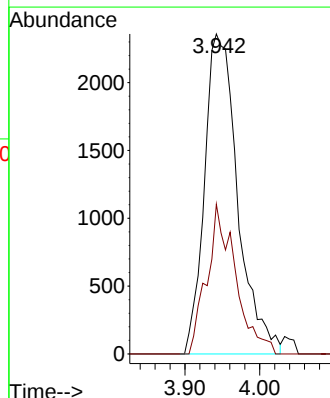
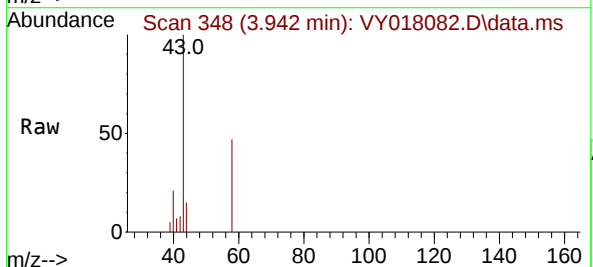
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

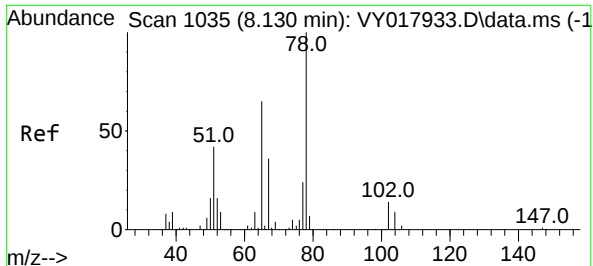
Tgt Ion:168 Resp: 321685
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#16
Acetone
Concen: 13.241 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

Tgt Ion: 43 Resp: 7283
Ion Ratio Lower Upper
43 100
58 46.8 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 51.269 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018082.D

Acq: 29 Apr 2024 20:41

Instrument :

MSVOA_Y

ClientSampleId :

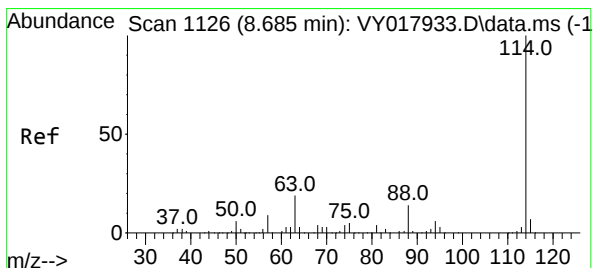
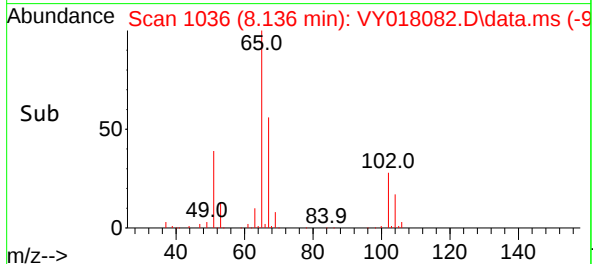
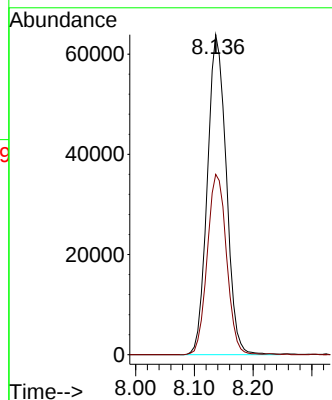
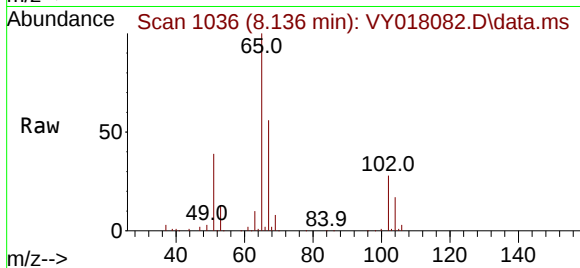
WC-1-VOC

Tgt Ion: 65 Resp: 142722

Ion Ratio Lower Upper

65 100

67 57.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018082.D

Acq: 29 Apr 2024 20:41

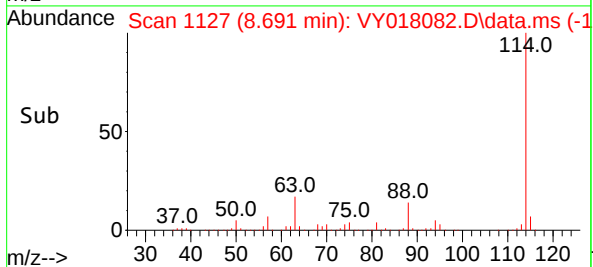
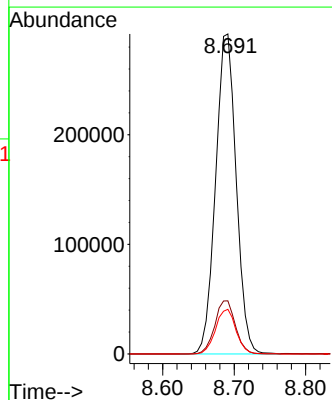
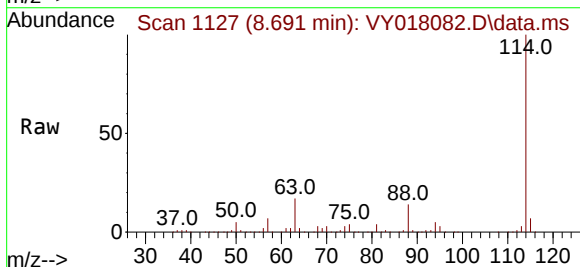
Tgt Ion: 114 Resp: 584001

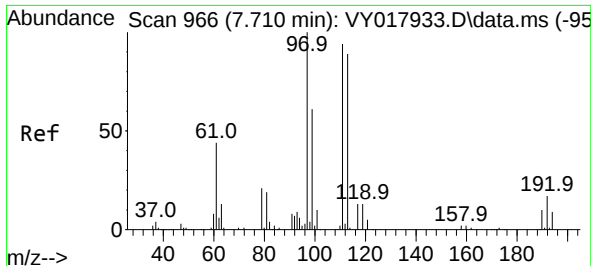
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.9 0.0 27.2

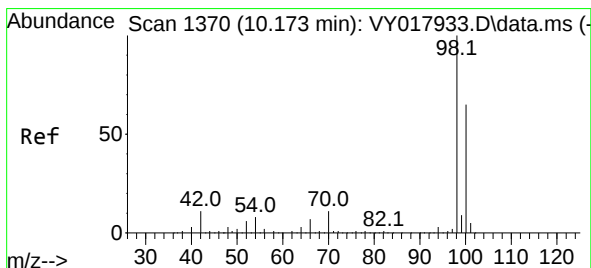
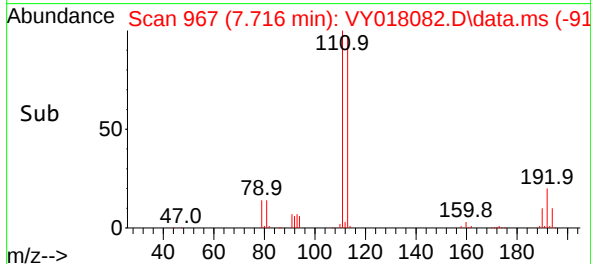
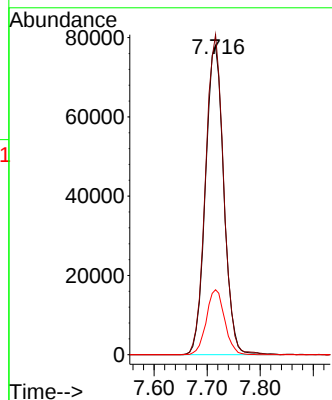
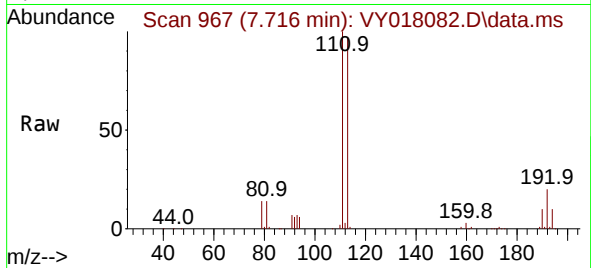




#35
Dibromofluoromethane
Concen: 51.919 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

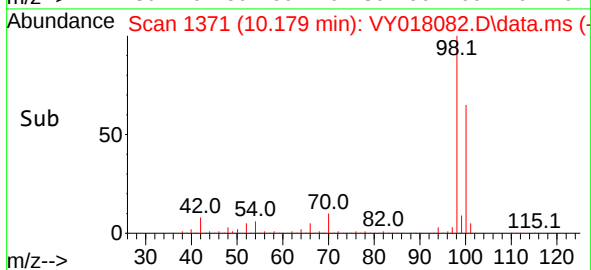
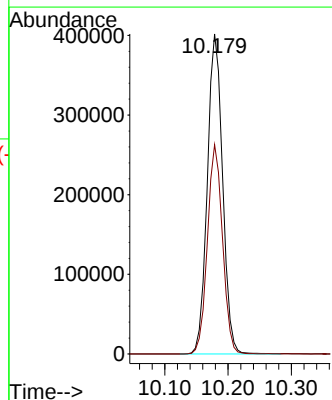
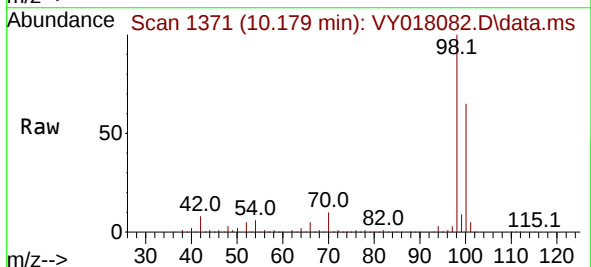
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

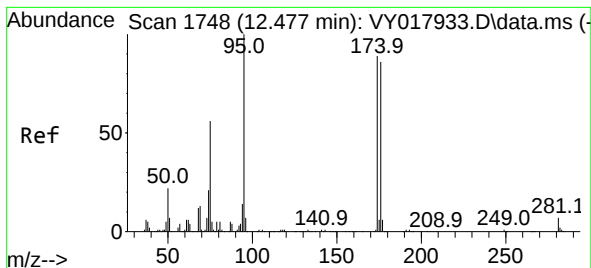
Tgt Ion:113 Resp: 187060
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 21.0 15.9 23.9



#50
Toluene-d8
Concen: 49.372 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

Tgt Ion: 98 Resp: 674985
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

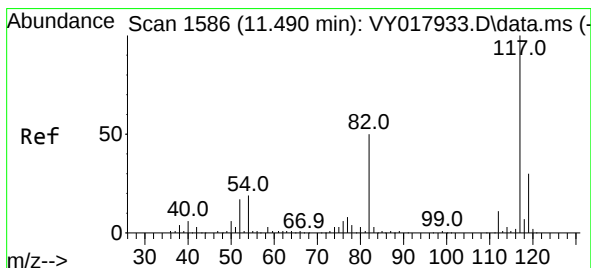
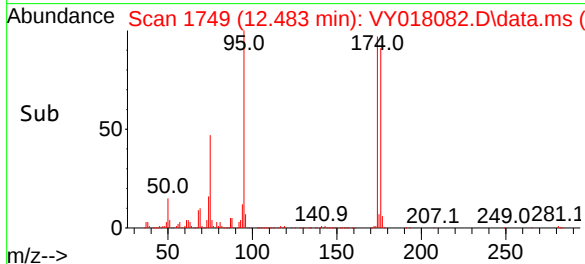
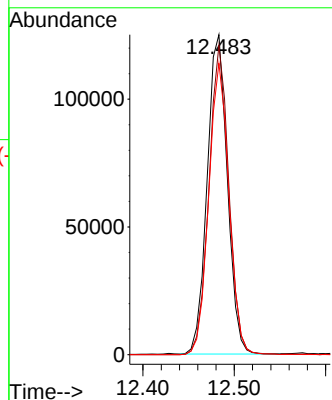
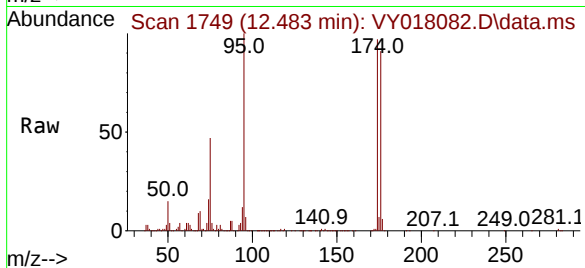




#62
4-Bromofluorobenzene
Concen: 45.232 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

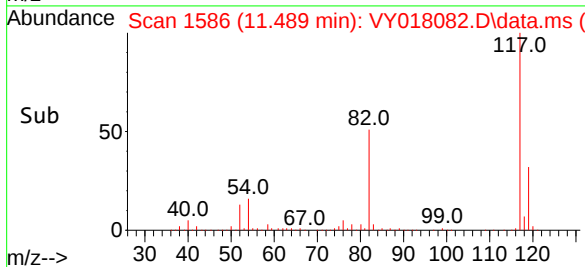
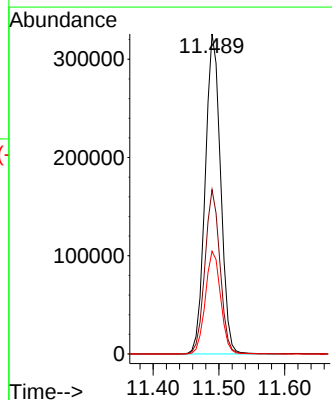
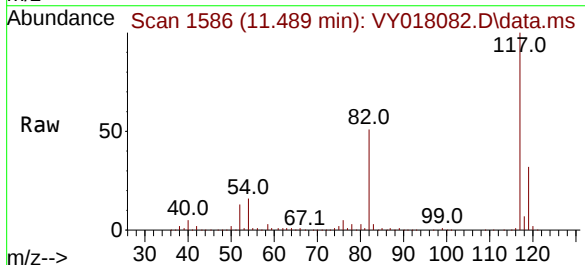
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ClientSampleId :
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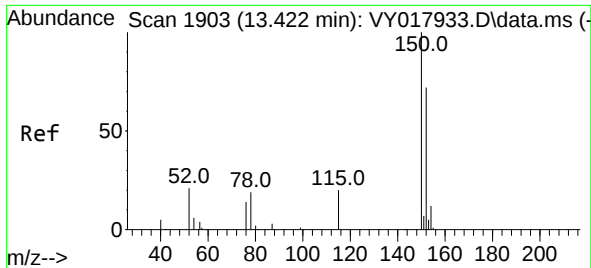
Tgt Ion: 95 Resp: 191515
Ion Ratio Lower Upper
95 100
174 96.0 0.0 175.6
176 91.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018082.D
Acq: 29 Apr 2024 20:41

Tgt Ion: 117 Resp: 529652
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018082.D

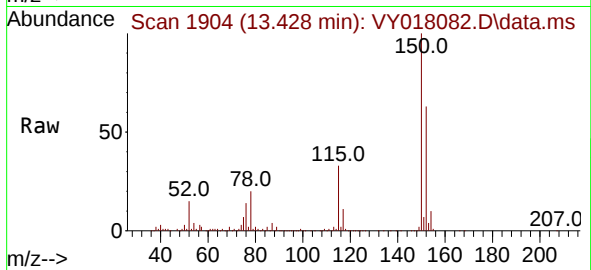
Acq: 29 Apr 2024 20:41

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC



Tgt Ion:152 Resp: 217970

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 157.5 0.0 345.6

