

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017536.D
 Acq On : 29 Feb 2024 18:28
 Operator : SY/MD
 Sample : P1659-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16-VOC

Quant Time: Mar 01 00:33:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

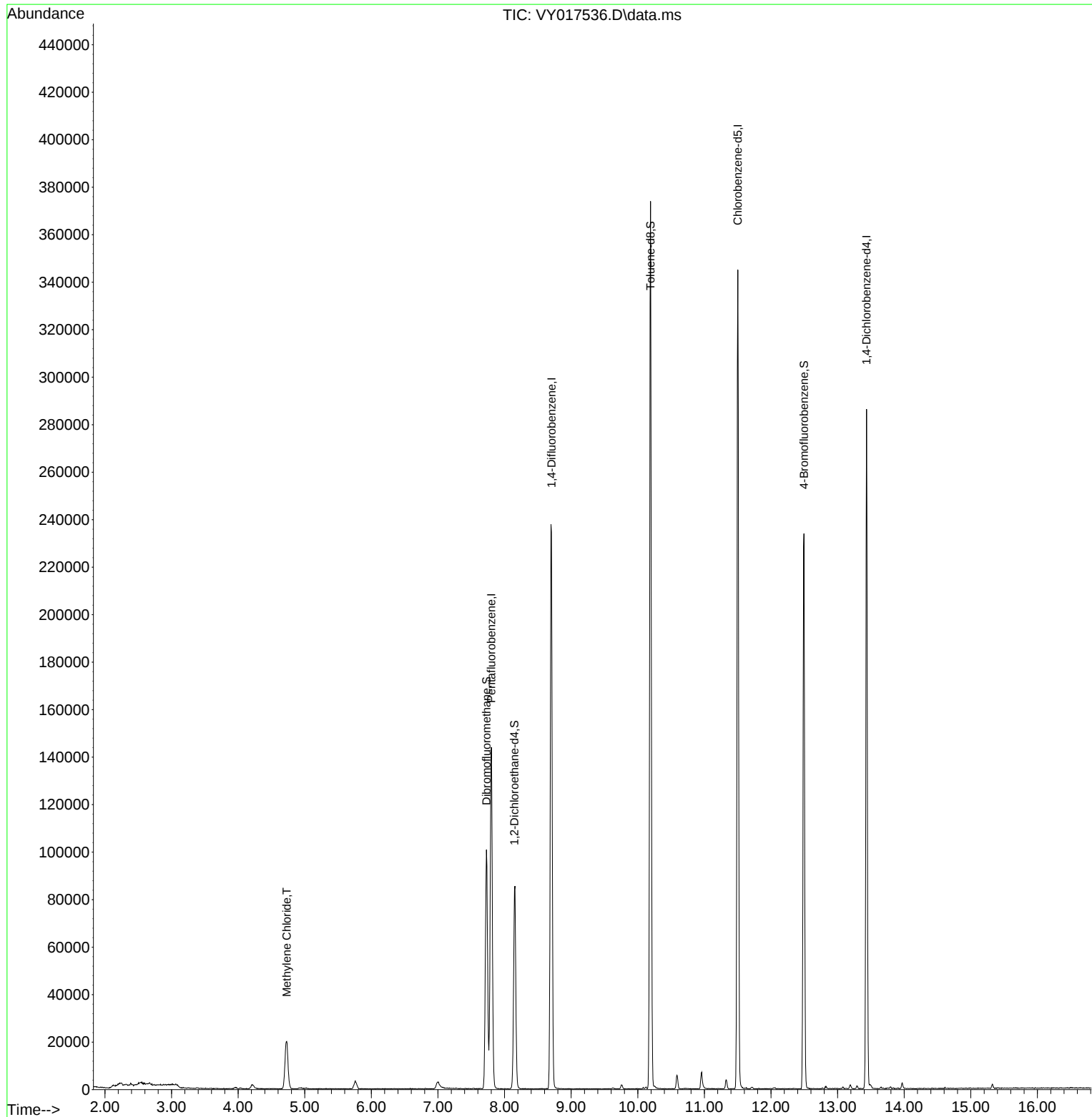
Internal Standards						
1) Pentafluorobenzene	7.801	168	119440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	217855	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	197035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63617	56.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.400%
35) Dibromofluoromethane	7.728	113	72632	47.845	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.680%
50) Toluene-d8	10.191	98	250236	47.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.496	95	68614	41.133	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.260%
Target Compounds						
20) Methylene Chloride	4.729	84	16971	8.623	ug/l	95

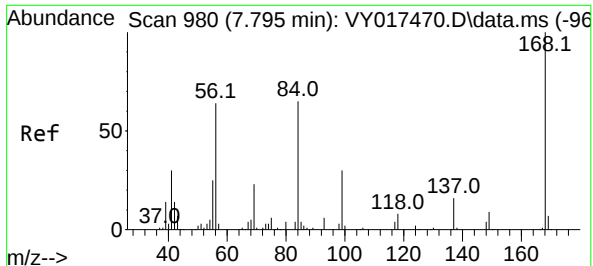
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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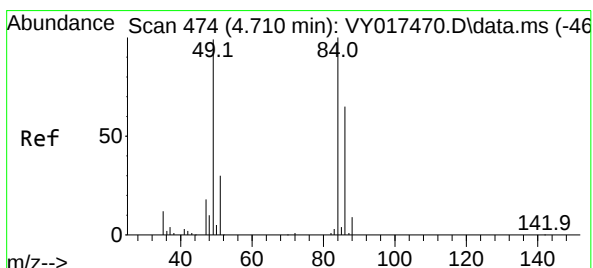
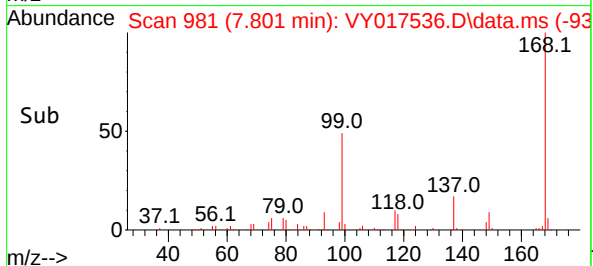
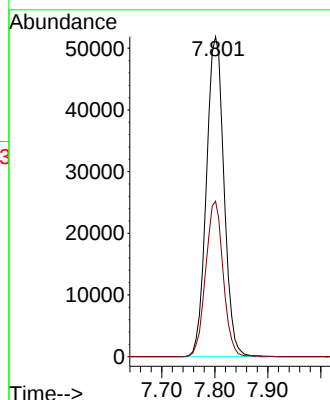
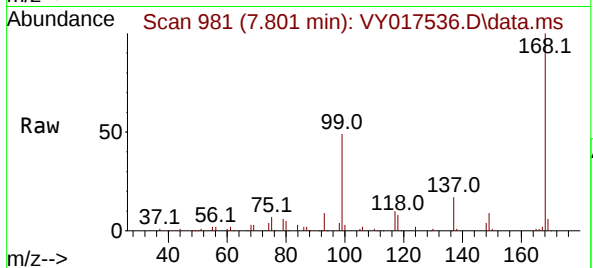




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017536.D
Acq: 29 Feb 2024 18:28

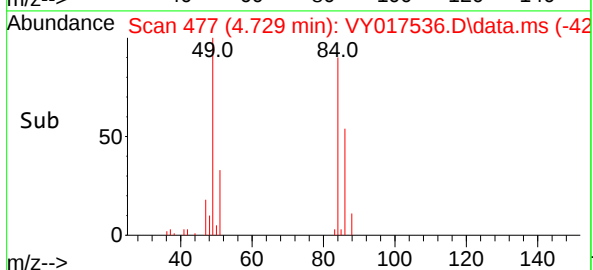
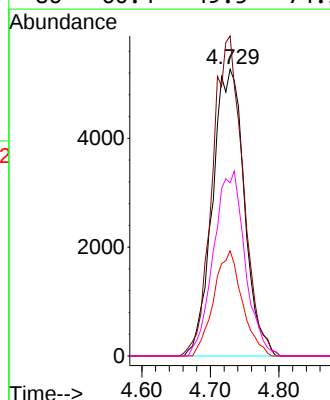
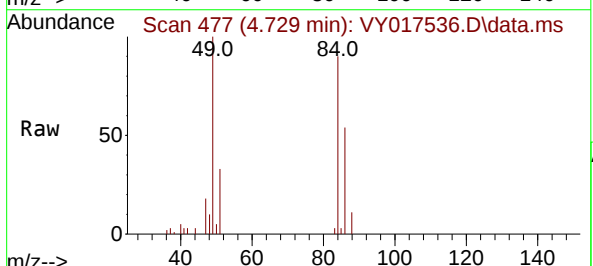
Instrument :
MSVOA_Y
ClientSampleId :
TP-16-VOC

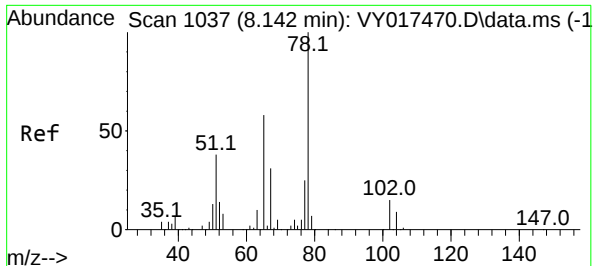
Tgt Ion:168 Resp: 119440
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#20
Methylene Chloride
Concen: 8.623 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY017536.D
Acq: 29 Feb 2024 18:28

Tgt Ion: 84 Resp: 16971
Ion Ratio Lower Upper
84 100
49 111.6 84.4 126.6
51 36.7 26.0 39.0
86 60.4 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.200 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017536.D

Acq: 29 Feb 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

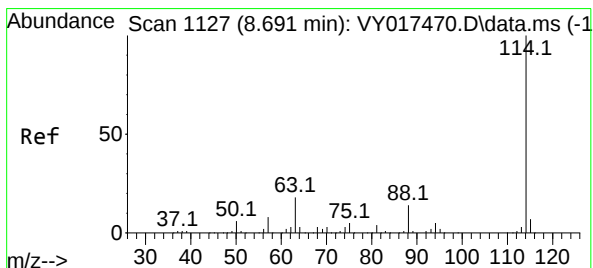
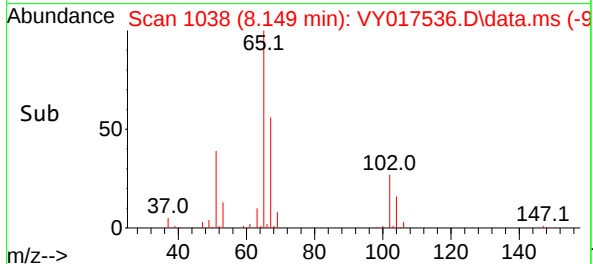
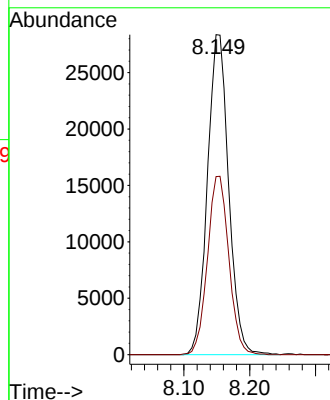
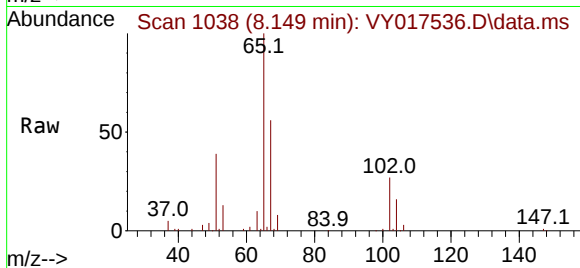
TP-16-VOC

Tgt Ion: 65 Resp: 63617

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017536.D

Acq: 29 Feb 2024 18:28

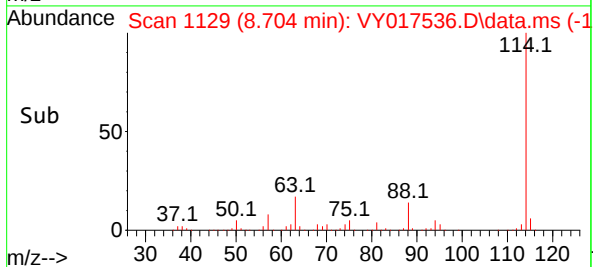
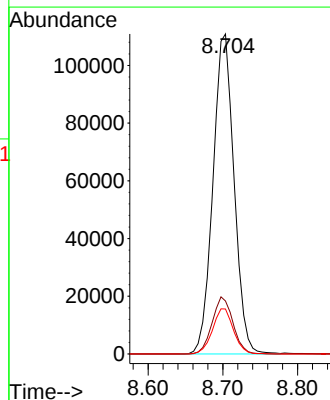
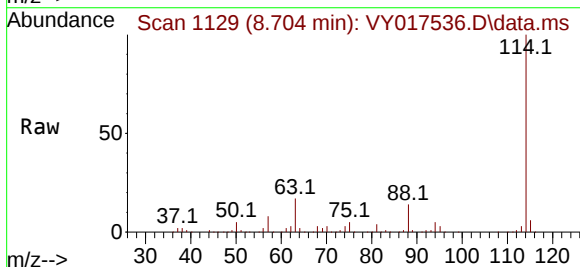
Tgt Ion: 114 Resp: 217855

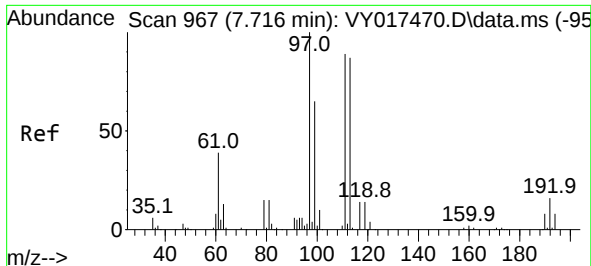
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 14.0 0.0 27.2

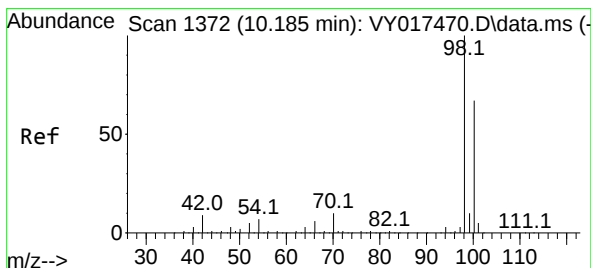
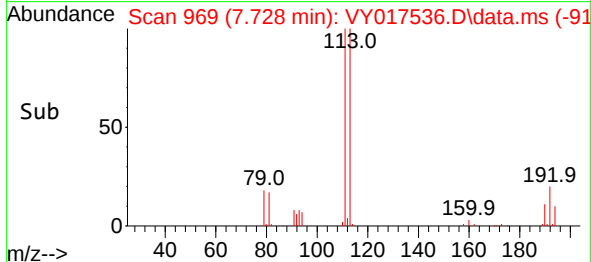
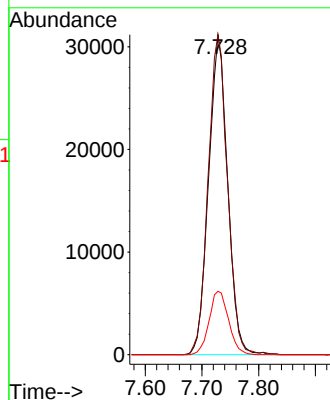
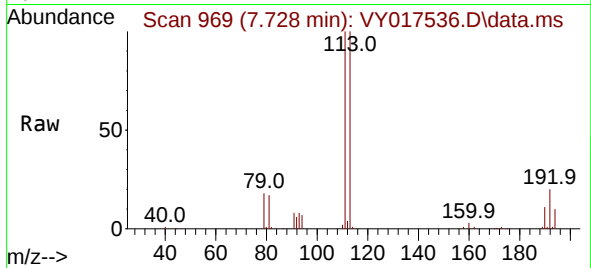




#35
Dibromofluoromethane
Concen: 47.845 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017536.D
Acq: 29 Feb 2024 18:28

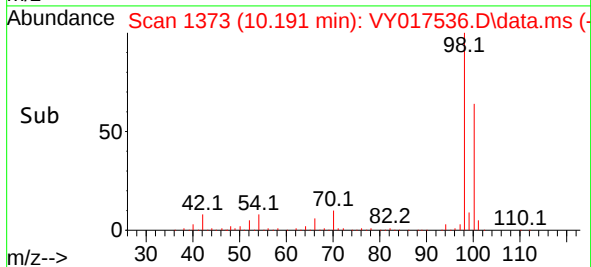
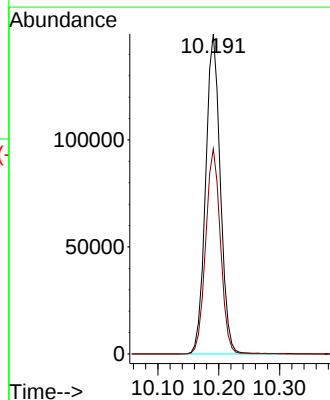
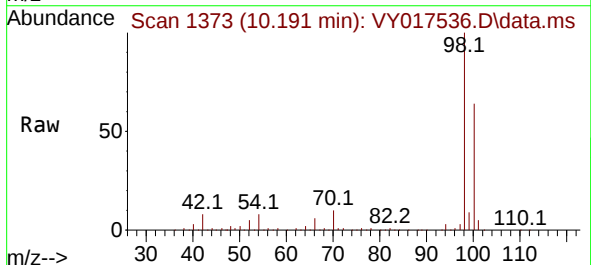
Instrument :
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TP-16-VOC

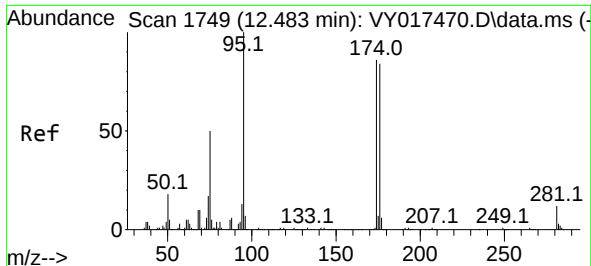
Tgt Ion:113 Resp: 72632
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 20.2 15.9 23.9



#50
Toluene-d8
Concen: 47.145 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017536.D
Acq: 29 Feb 2024 18:28

Tgt Ion: 98 Resp: 250236
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

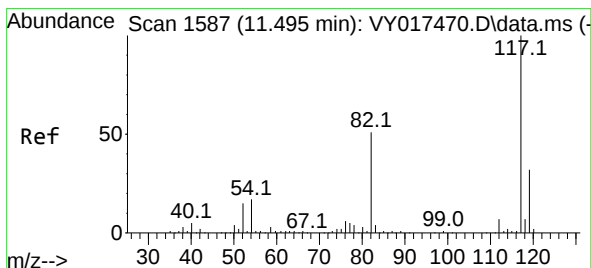
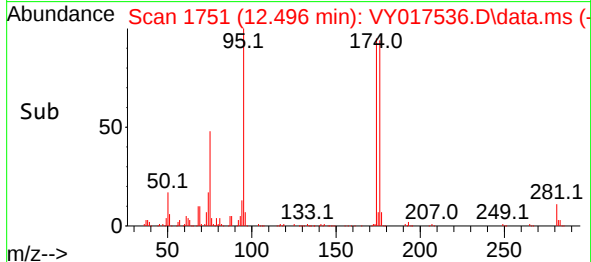
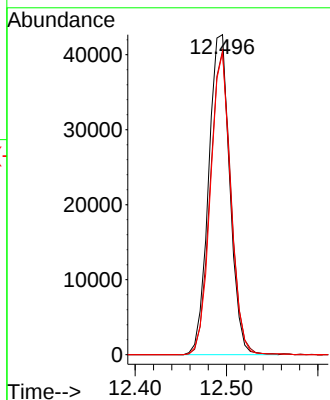
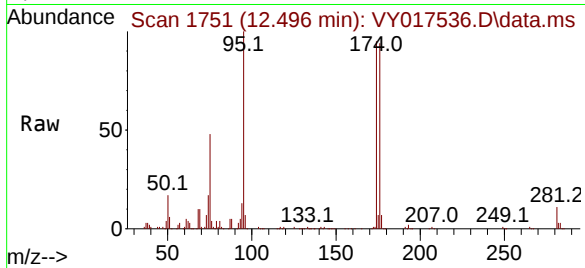




#62
4-Bromofluorobenzene
Concen: 41.133 ug/l
RT: 12.496 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017536.D
Acq: 29 Feb 2024 18:28

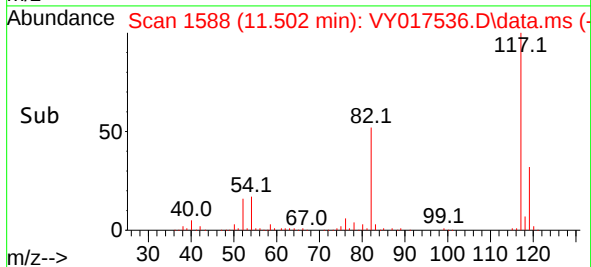
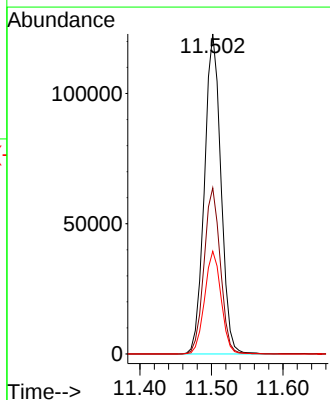
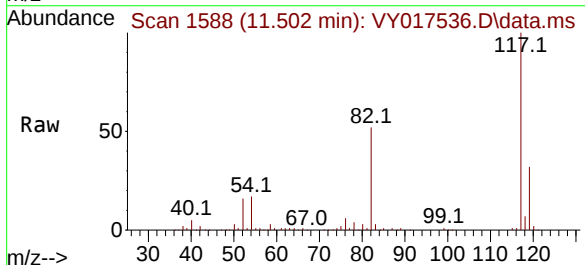
Instrument :
MSVOA_Y
ClientSampleId :
TP-16-VOC

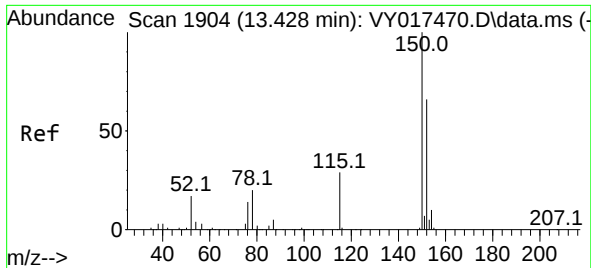
Tgt Ion: 95 Resp: 68614
Ion Ratio Lower Upper
95 100
174 92.8 0.0 175.6
176 90.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017536.D
Acq: 29 Feb 2024 18:28

Tgt Ion: 117 Resp: 197035
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017536.D

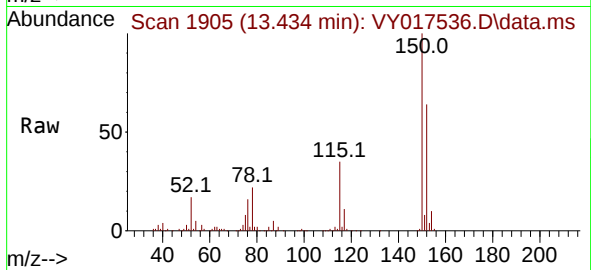
Acq: 29 Feb 2024 18:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-16-VOC



Tgt Ion:152 Resp: 75153

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 157.8 0.0 345.6

