

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019963.D
 Acq On : 21 Oct 2024 15:21
 Operator : SY/MD
 Sample : P4467-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

Quant Time: Oct 21 23:32:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

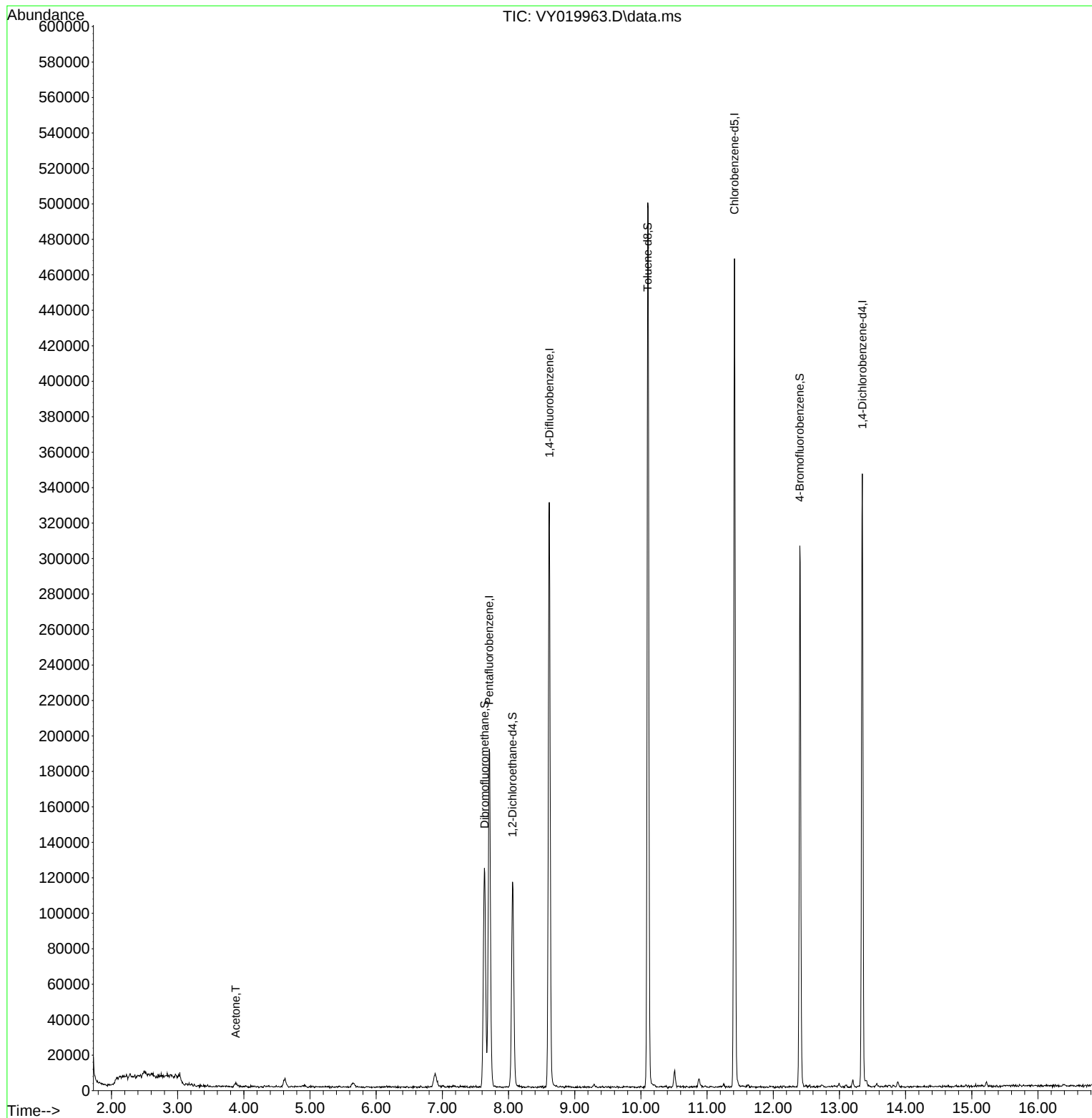
Internal Standards						
1) Pentafluorobenzene	7.707	168	134046	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	261529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	224525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	78214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90230	54.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.340%	
35) Dibromofluoromethane	7.640	113	87237	50.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.100%	
50) Toluene-d8	10.103	98	316240	49.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.402	95	90172	39.157	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.320%	
Target Compounds						
16) Acetone	3.879	43	3810	8.868	ug/l	Qvalue 91

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

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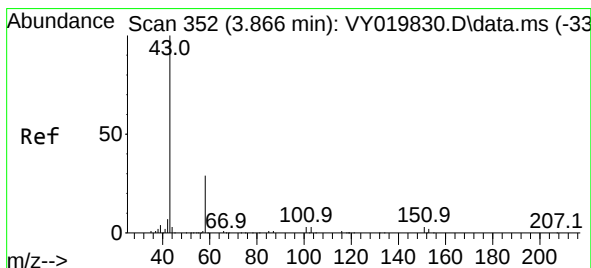
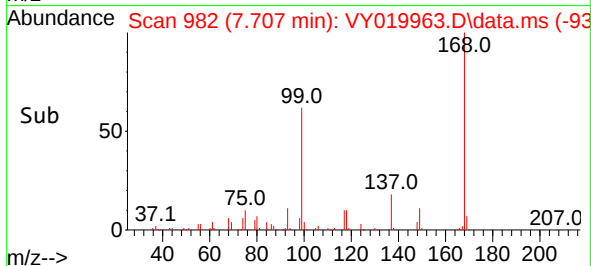
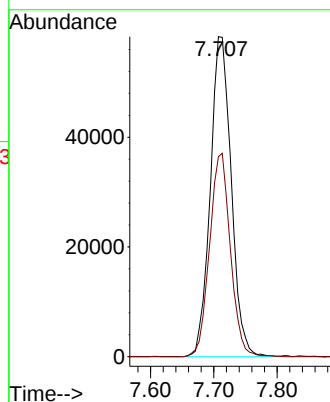
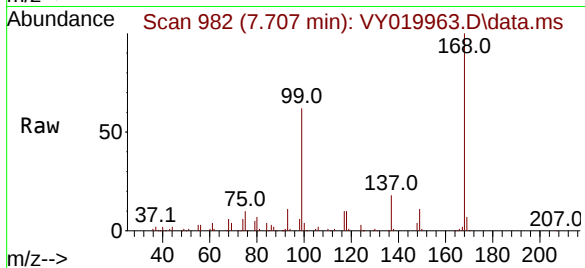




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

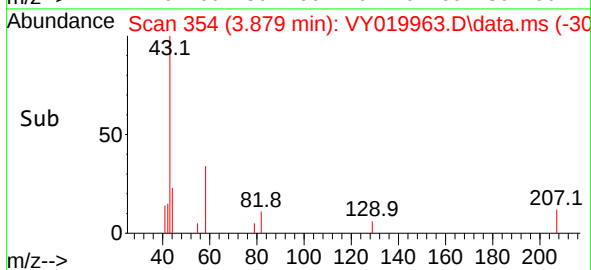
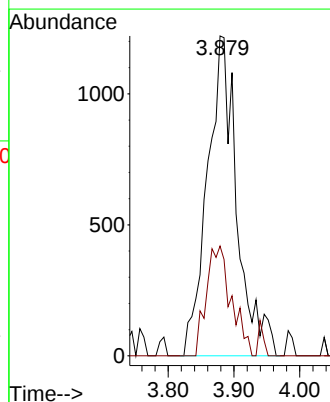
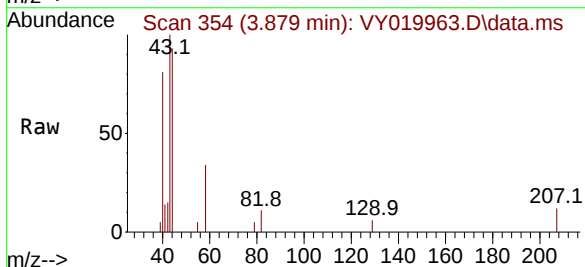
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

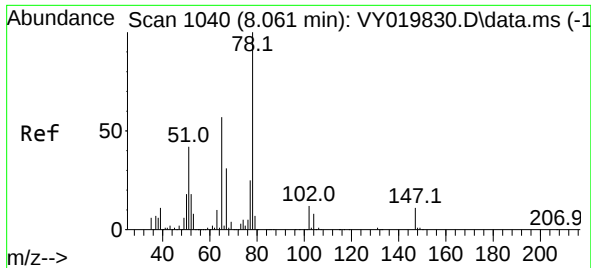
Tgt Ion:168 Resp: 134046
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#16
Acetone
Concen: 8.868 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Tgt Ion: 43 Resp: 3810
Ion Ratio Lower Upper
43 100
58 34.3 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 54.668 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019963.D

Acq: 21 Oct 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

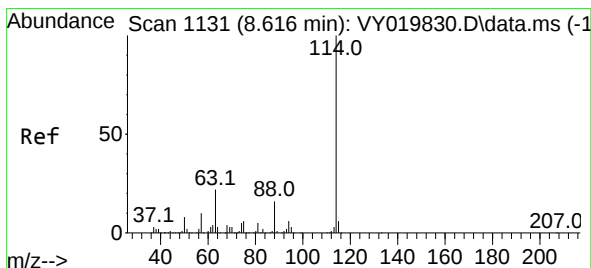
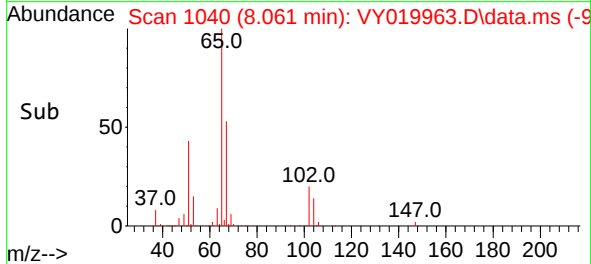
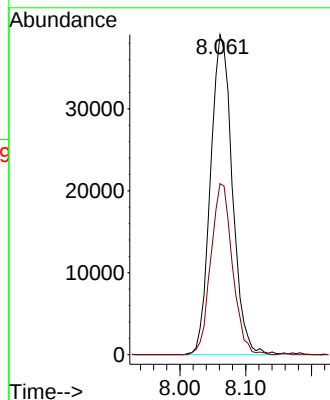
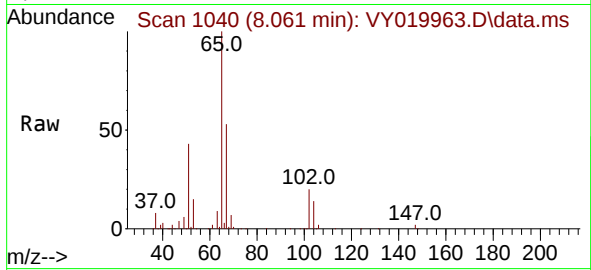
TP-1-VOC

Tgt Ion: 65 Resp: 90230

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019963.D

Acq: 21 Oct 2024 15:21

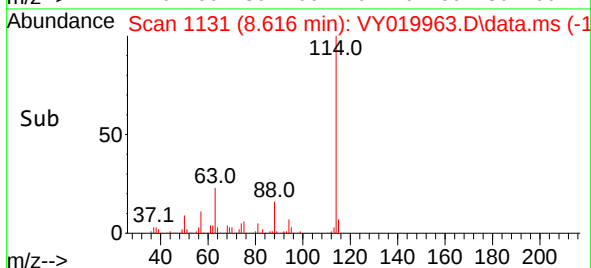
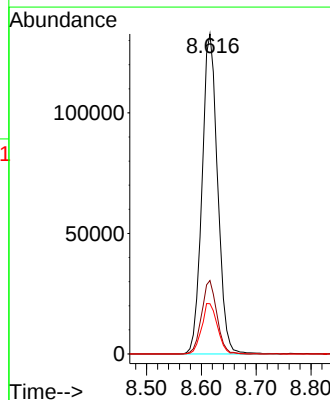
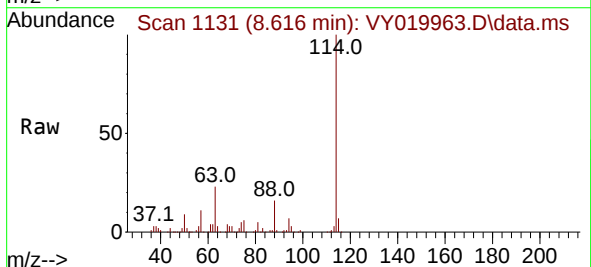
Tgt Ion: 114 Resp: 261529

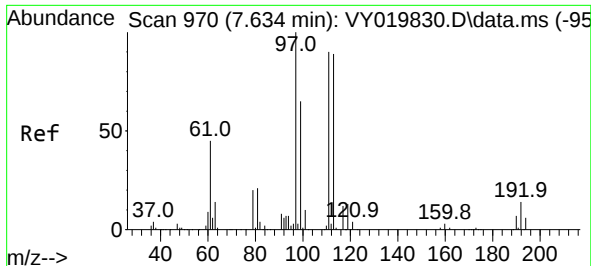
Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

88 15.7 0.0 27.2

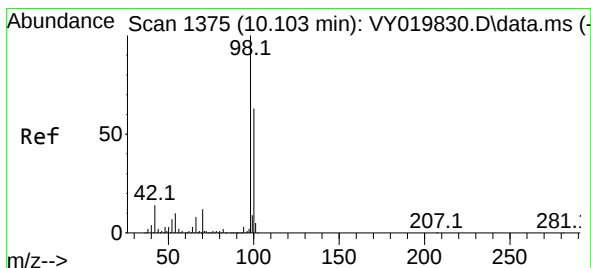
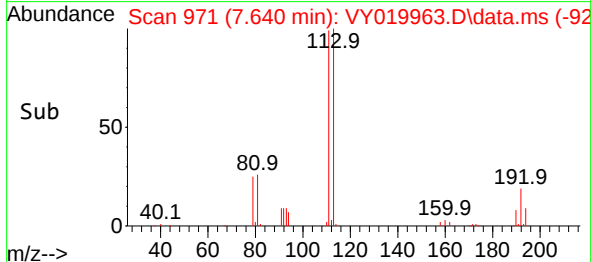
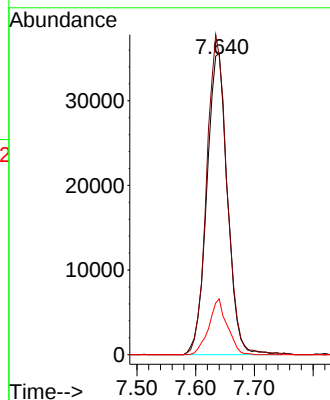
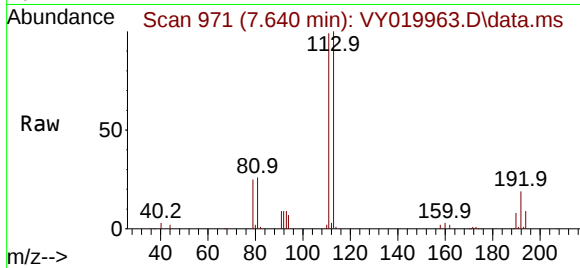




#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

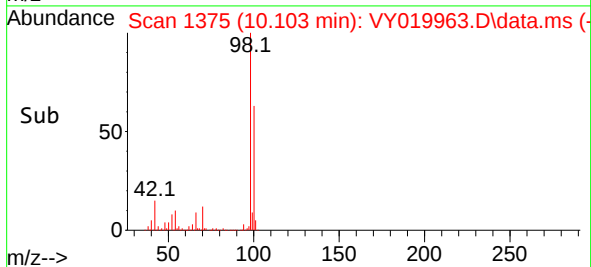
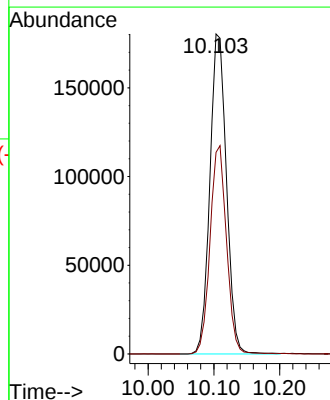
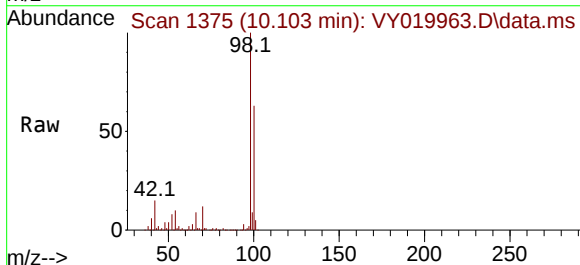
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

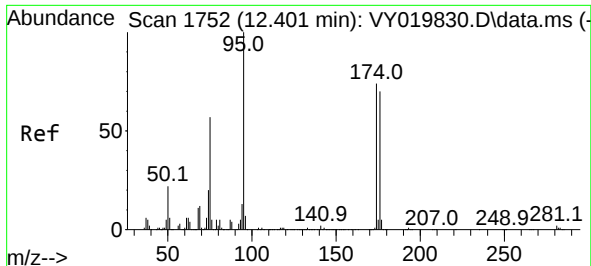
Tgt Ion:113 Resp: 87237
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.4 15.9 23.9



#50
Toluene-d8
Concen: 49.621 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Tgt Ion: 98 Resp: 316240
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

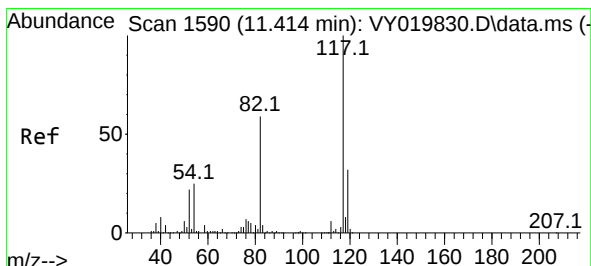
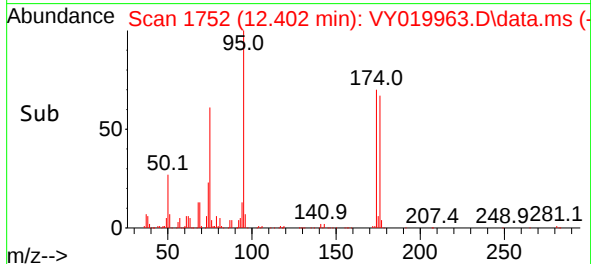
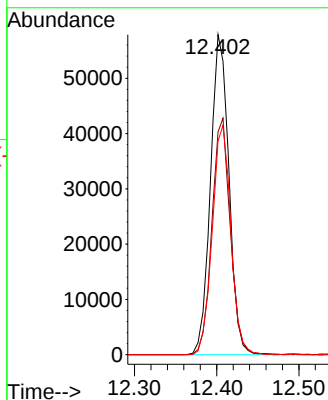
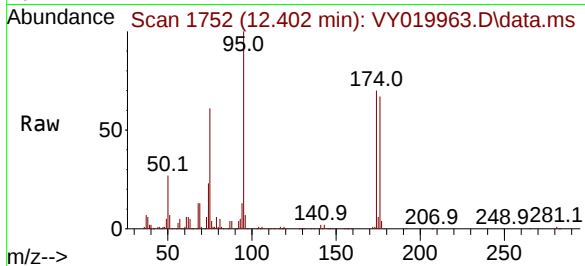




#62
4-Bromofluorobenzene
Concen: 39.157 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

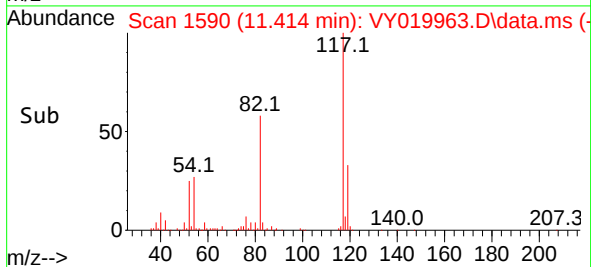
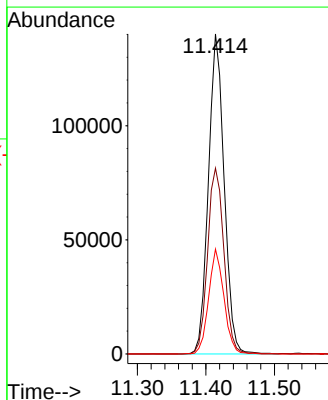
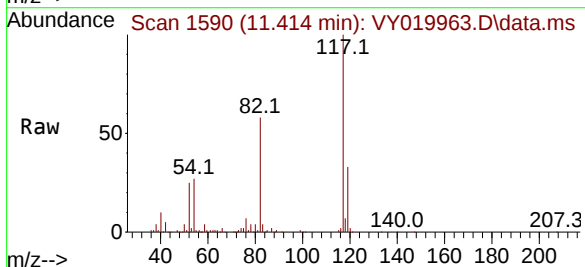
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

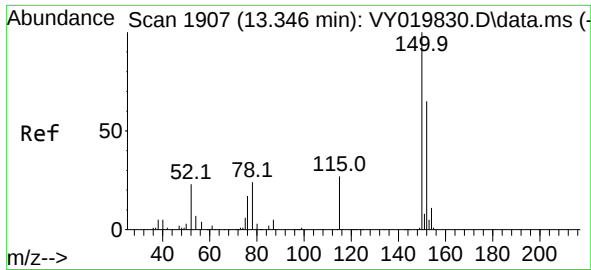
Tgt Ion: 95 Resp: 90172
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Tgt Ion: 117 Resp: 224525
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019963.D

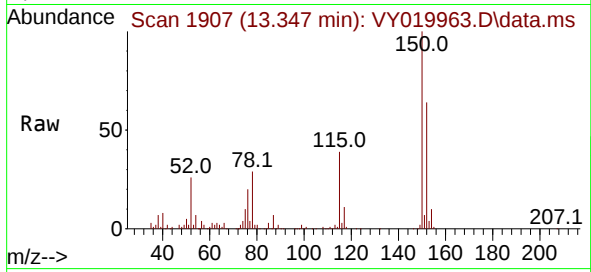
Acq: 21 Oct 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-VOC



Tgt Ion:152 Resp: 78214

Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 156.8 0.0 345.6

