

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020125.D
 Acq On : 01 Nov 2024 17:30
 Operator : SY/MD
 Sample : P4643-03
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F9-ADDITIONAL-VOC

Quant Time: Nov 04 00:50:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

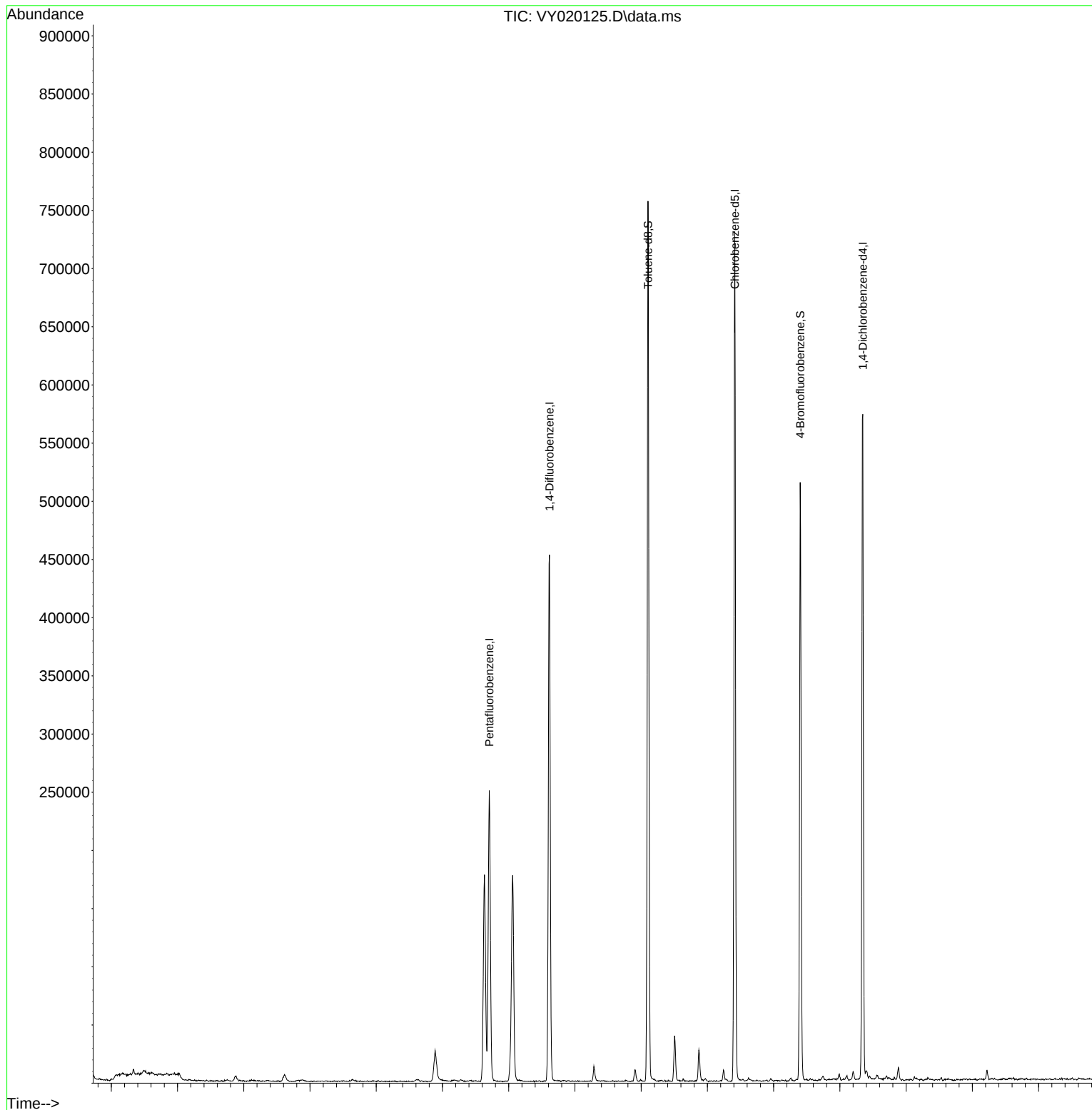
Internal Standards						
1) Pentafluorobenzene	7.707	168	167665	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	361274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	340841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	131017	62.611	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	125.220%	
35) Dibromofluoromethane	7.634	113	123639	53.827	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.660%	
50) Toluene-d8	10.103	98	454836	49.747	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.500%	
62) 4-Bromofluorobenzene	12.401	95	143131	48.196	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	96.400%	
Target Compounds						
16) Acetone	3.872	43	8448	17.360	ug/l	Qvalue # 70

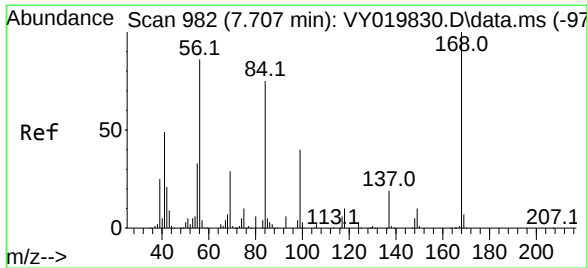
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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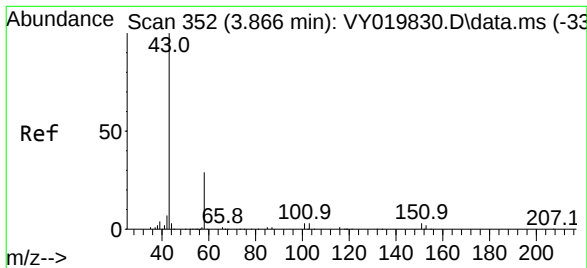
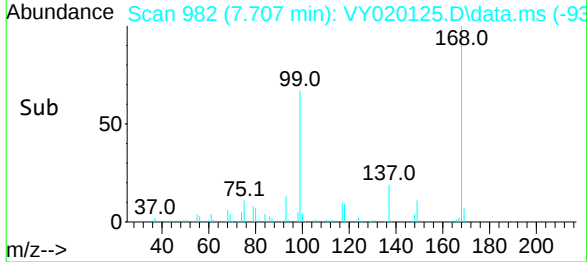
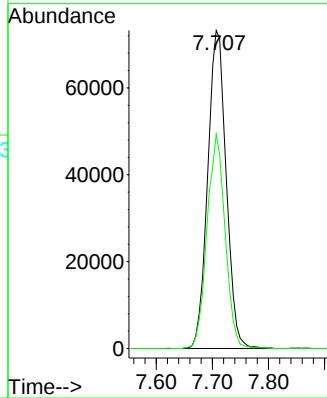
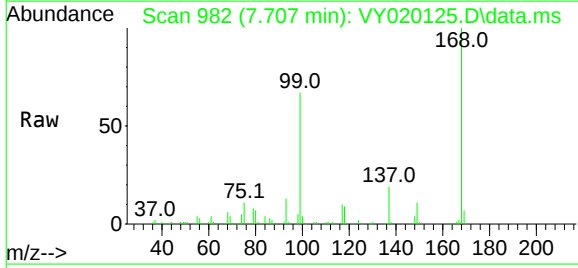




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

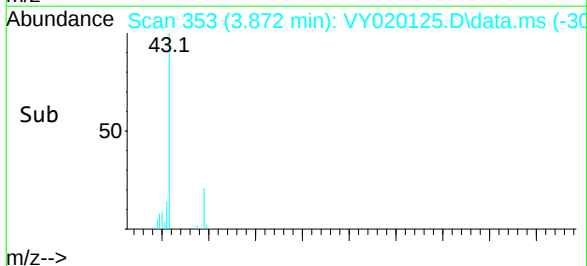
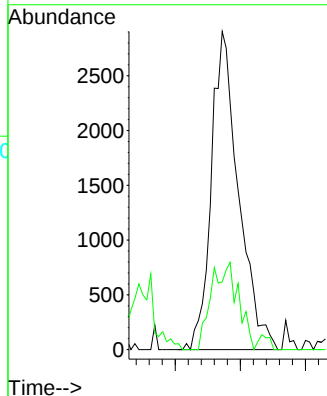
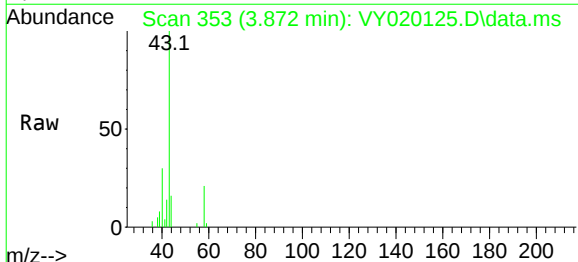
Instrument :
MSVOA_Y
ClientSampleId :
BP-F9-ADDITIONAL-VOC

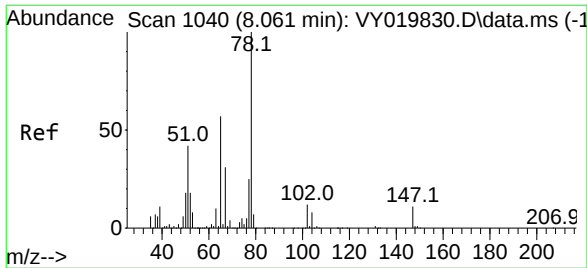
Tgt Ion:168 Resp: 167665
Ion Ratio Lower Upper
168 100
99 67.4 39.1 58.7#



#16
Acetone
Concen: 17.360 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Tgt Ion: 43 Resp: 8448
Ion Ratio Lower Upper
43 100
58 21.3 31.7 47.5#

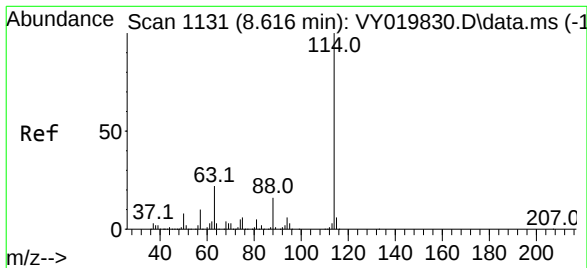
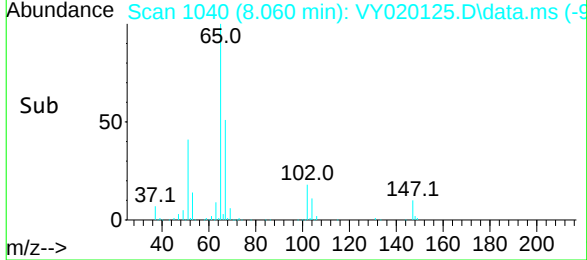
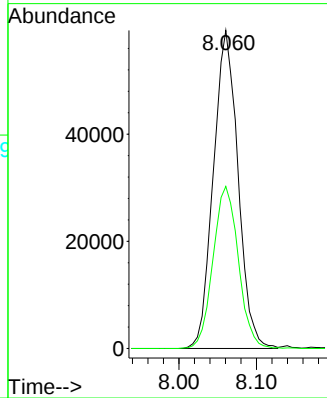
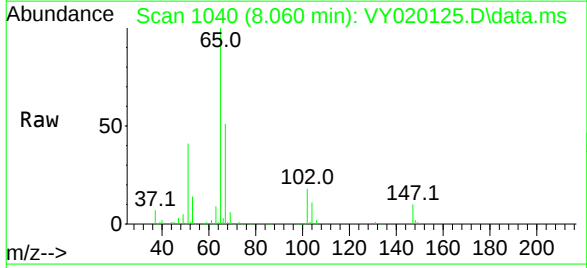




#33
1,2-Dichloroethane-d4
Concen: 62.611 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

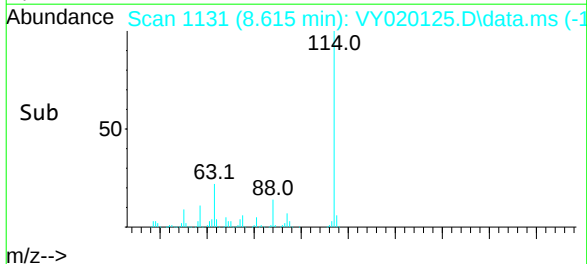
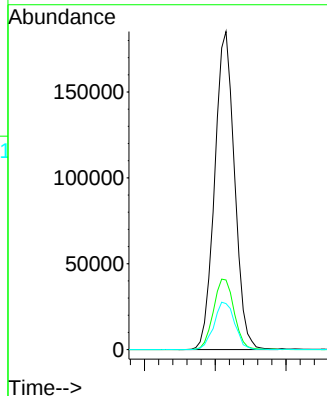
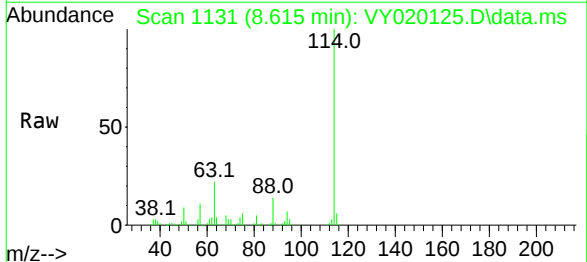
Instrument :
MSVOA_Y
ClientSampleId :
BP-F9-ADDITIONAL-VOC

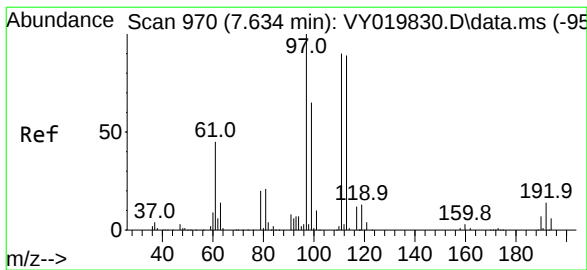
Tgt Ion: 65 Resp: 131017
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020125.D
Acq: 01 Nov 2024 17:30

Tgt Ion: 114 Resp: 361274
Ion Ratio Lower Upper
114 100
63 21.9 0.0 35.0
88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.827 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020125.D

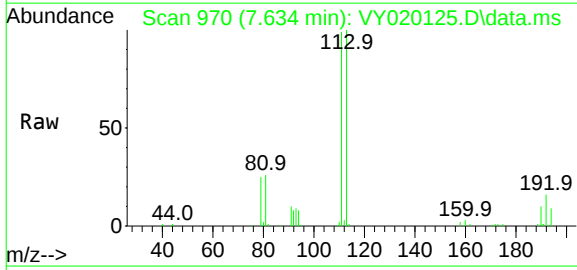
Acq: 01 Nov 2024 17:30

Instrument :

MSVOA_Y

ClientSampleId :

BP-F9-ADDITIONAL-VOC



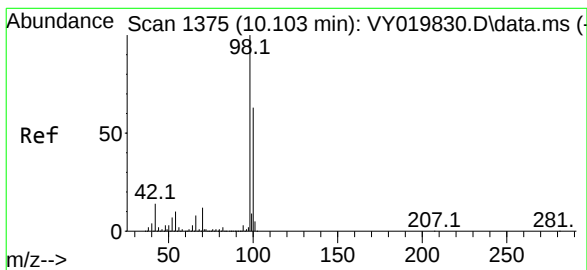
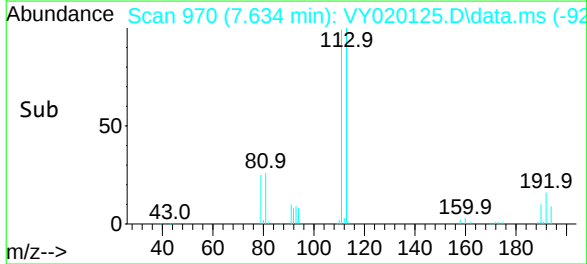
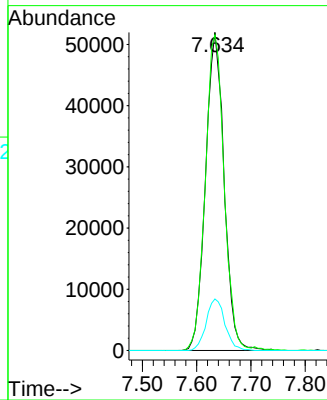
Tgt Ion: 113 Resp: 123639

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 16.4 15.9 23.9



#50

Toluene-d8

Concen: 49.747 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020125.D

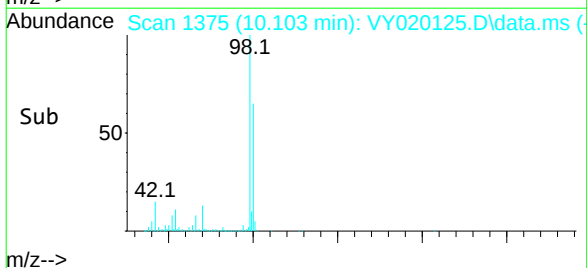
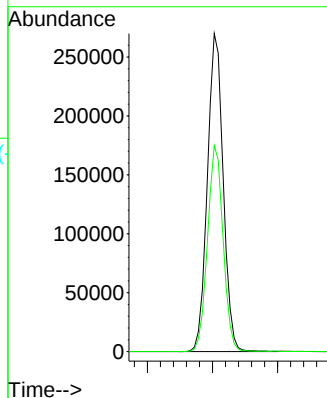
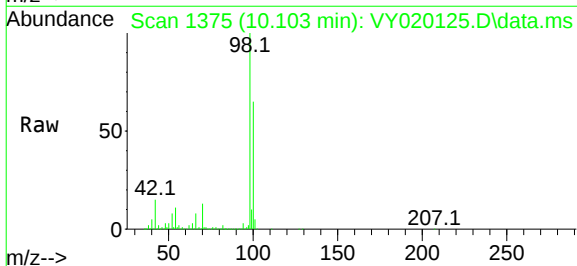
Acq: 01 Nov 2024 17:30

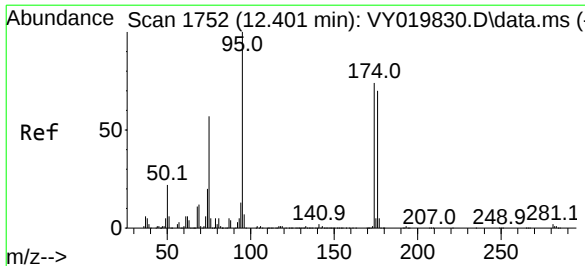
Tgt Ion: 98 Resp: 454836

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 48.196 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020125.D

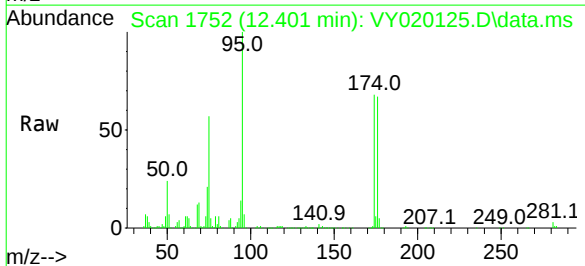
Acq: 01 Nov 2024 17:30

Instrument :

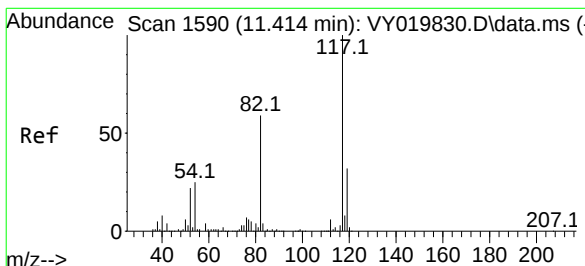
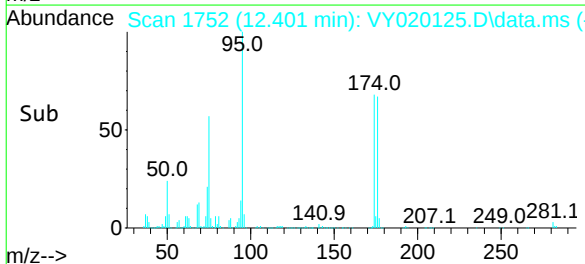
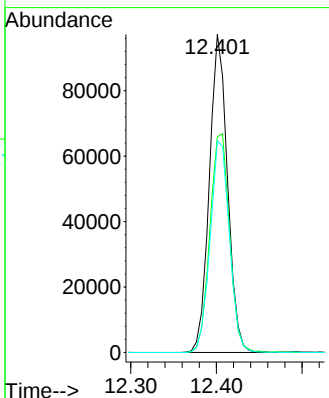
MSVOA_Y

ClientSampleId :

BP-F9-ADDITIONAL-VOC



Tgt Ion:	95	Resp:	143131
Ion Ratio	Lower	Upper	
95	100		
174	74.5	0.0	175.6
176	70.6	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

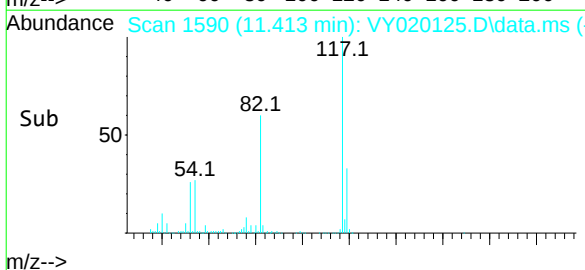
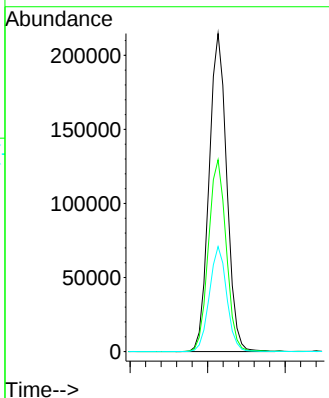
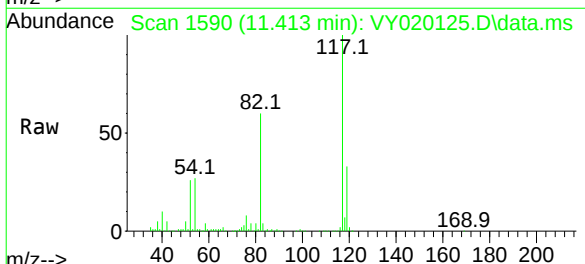
RT: 11.413 min Scan# 1590

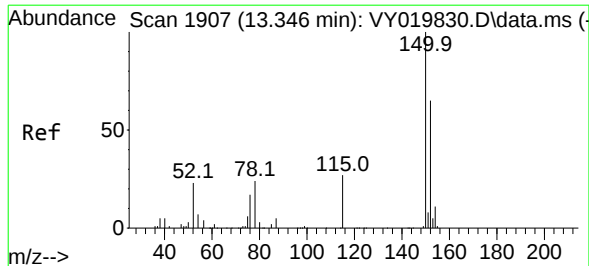
Delta R.T. -0.006 min

Lab File: VY020125.D

Acq: 01 Nov 2024 17:30

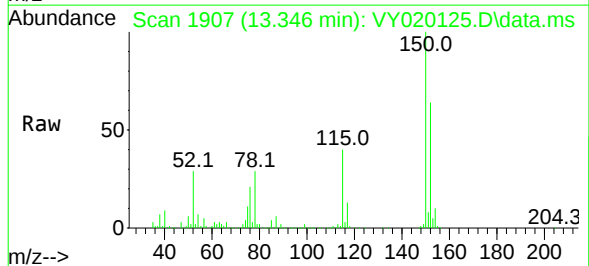
Tgt Ion:	117	Resp:	340841
Ion Ratio	Lower	Upper	
117	100		
82	60.3	42.4	63.6
119	33.0	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VY020125.D
 Acq: 01 Nov 2024 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F9-ADDITIONAL-VOC



Tgt Ion:	152	Resp:	130321
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	157.7	0.0	345.6

