

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019812.D
 Acq On : 07 Oct 2024 15:39
 Operator : SY/MD
 Sample : P4321-03
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IB-6-VOC

Quant Time: Oct 08 01:41:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

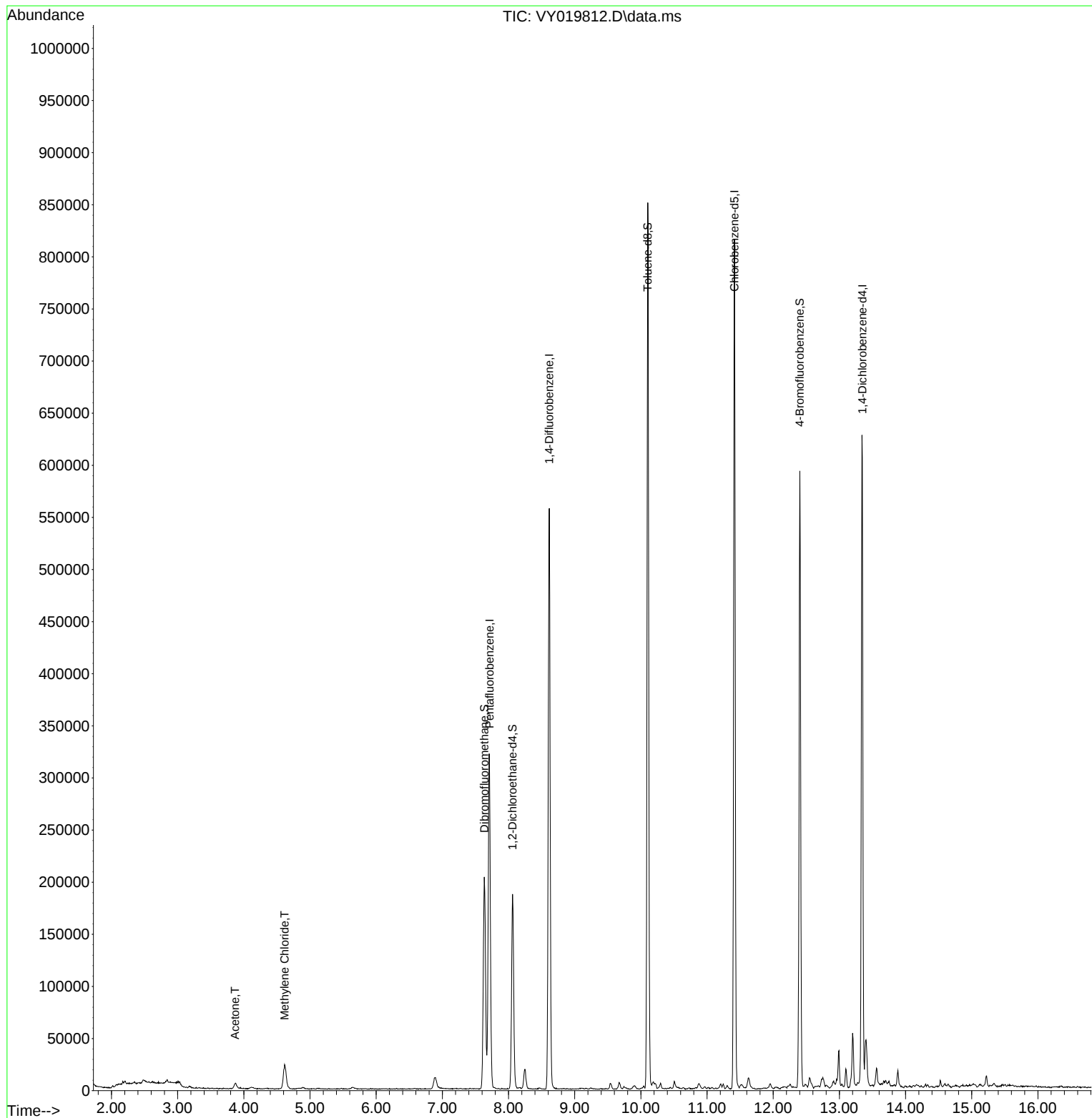
Internal Standards						
1) Pentafluorobenzene	7.713	168	228231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	451259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	403469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	149097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144931	68.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.160%	
35) Dibromofluoromethane	7.634	113	143537	56.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.200%	
50) Toluene-d8	10.103	98	538000	56.850	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.700%	
62) 4-Bromofluorobenzene	12.401	95	176028	48.375	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.760%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	9784	19.433	ug/l	# 82
20) Methylene Chloride	4.616	84	15705	6.840	ug/l	# 81

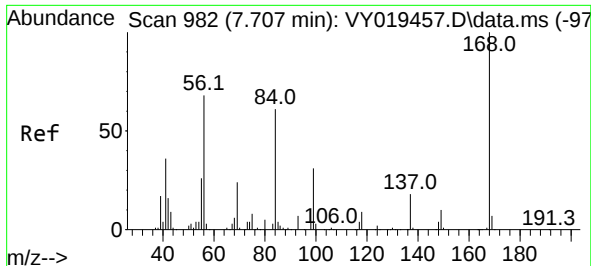
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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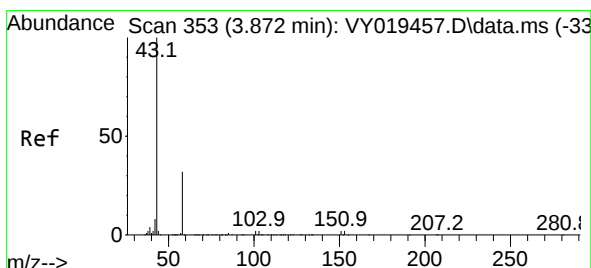
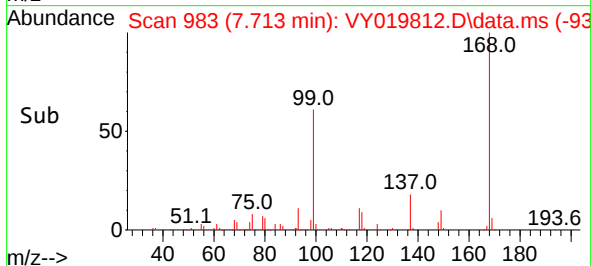
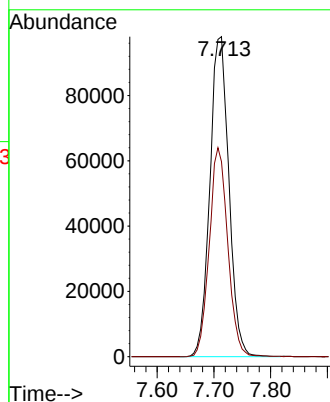
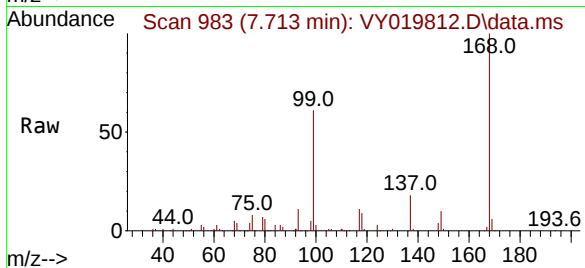




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019812.D
Acq: 07 Oct 2024 15:39

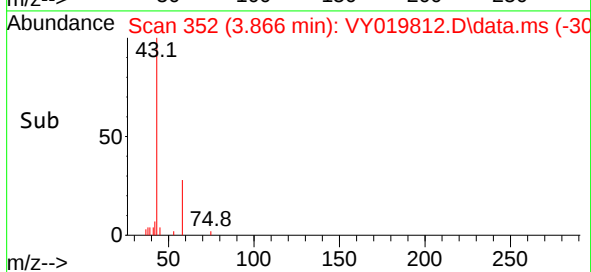
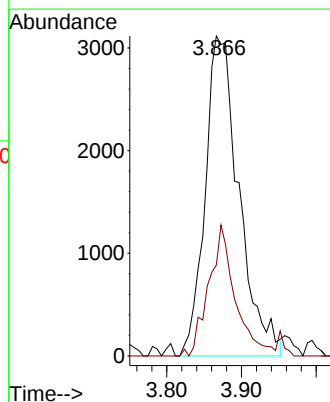
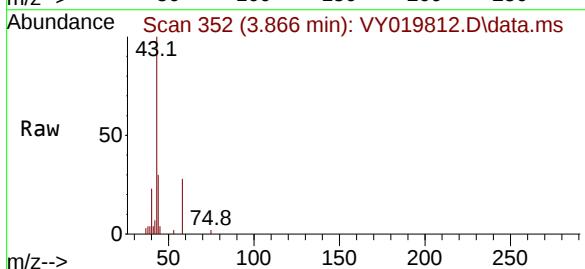
Instrument :
MSVOA_Y
ClientSampleId :
IB-6-VOC

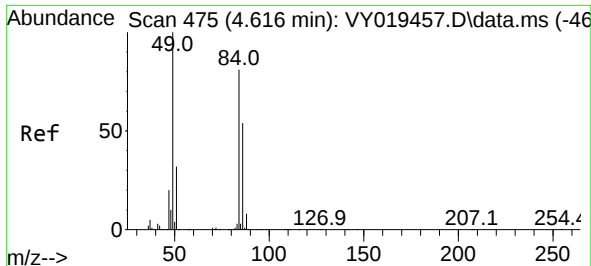
Tgt Ion:168 Resp: 228231
Ion Ratio Lower Upper
168 100
99 61.0 39.1 58.7#



#16
Acetone
Concen: 19.433 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019812.D
Acq: 07 Oct 2024 15:39

Tgt Ion: 43 Resp: 9784
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#

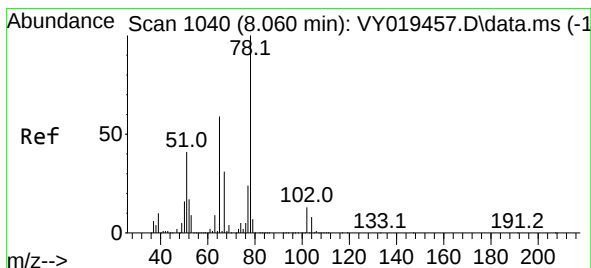
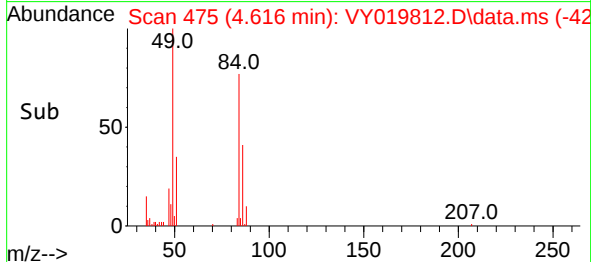
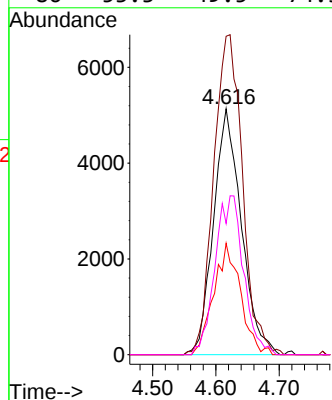
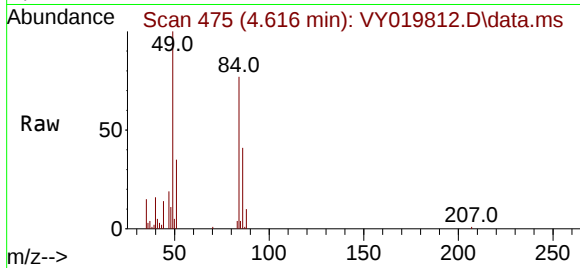




#20
Methylene Chloride
Concen: 6.840 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019812.D
Acq: 07 Oct 2024 15:39

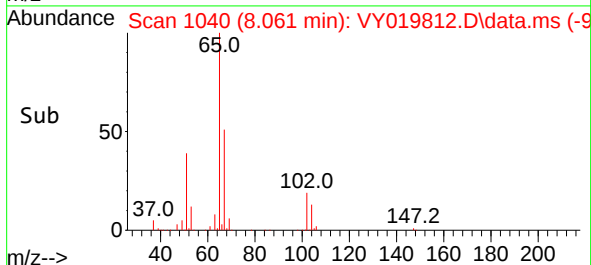
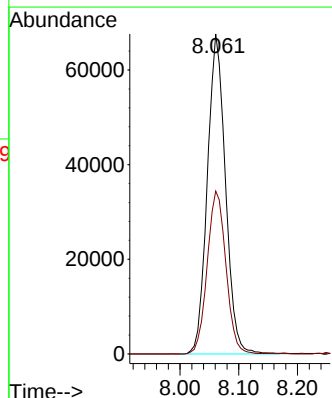
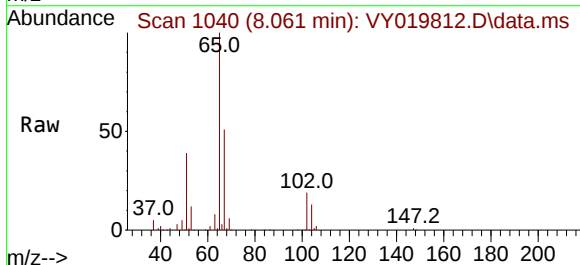
Instrument :
MSVOA_Y
ClientSampleId :
IB-6-VOC

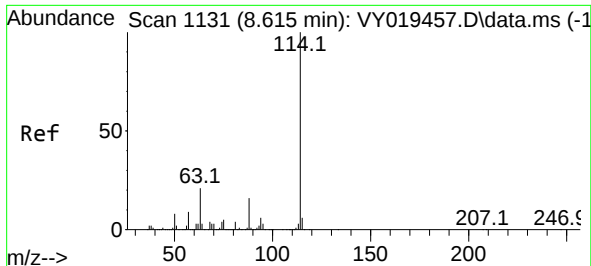
Tgt Ion:	84	Resp:	15705
Ion	Ratio	Lower	Upper
84	100		
49	129.5	84.4	126.6#
51	45.3	26.0	39.0#
86	53.3	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 68.578 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019812.D
Acq: 07 Oct 2024 15:39

Tgt Ion:	65	Resp:	144931
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	109.6

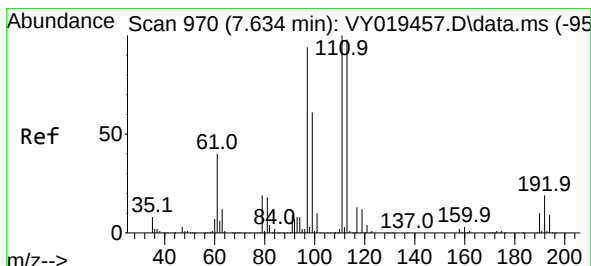
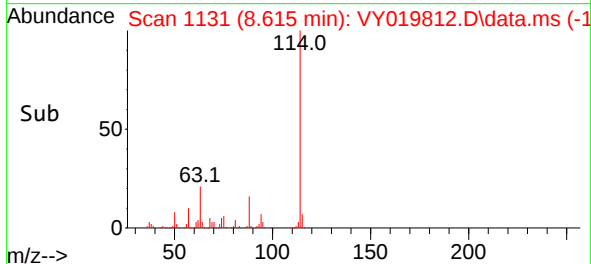
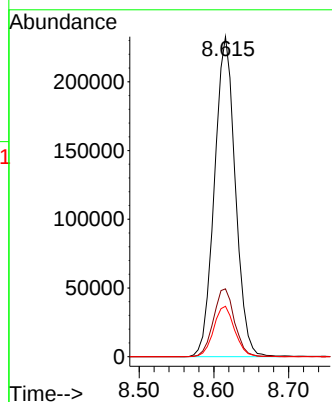
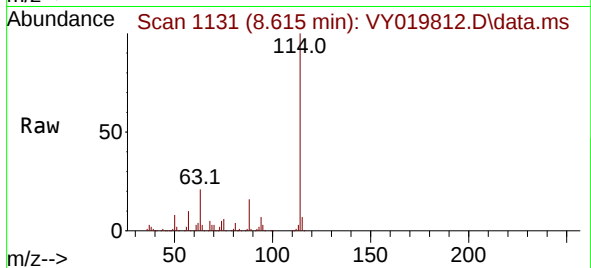




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019812.D
Acq: 07 Oct 2024 15:39

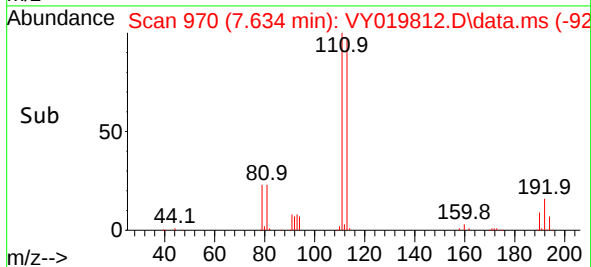
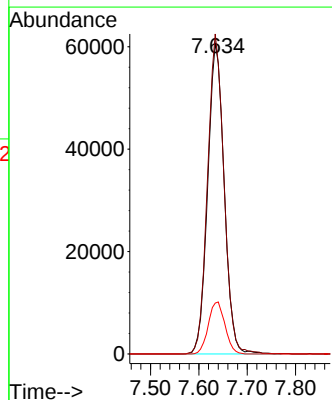
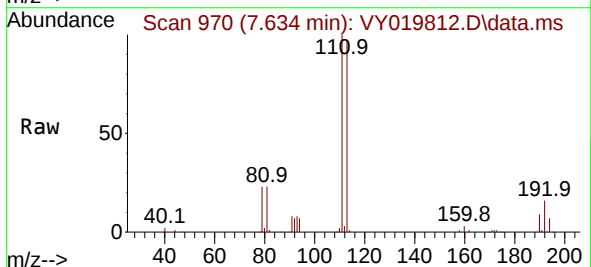
Instrument :
MSVOA_Y
ClientSampleId :
IB-6-VOC

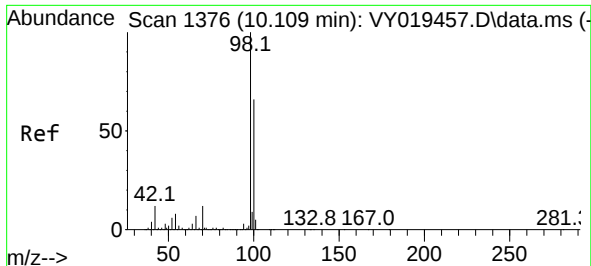
Tgt Ion:114 Resp: 451259
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.101 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019812.D
Acq: 07 Oct 2024 15:39

Tgt Ion:113 Resp: 143537
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.9 15.9 23.9

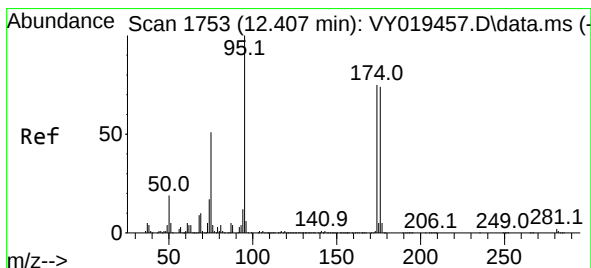
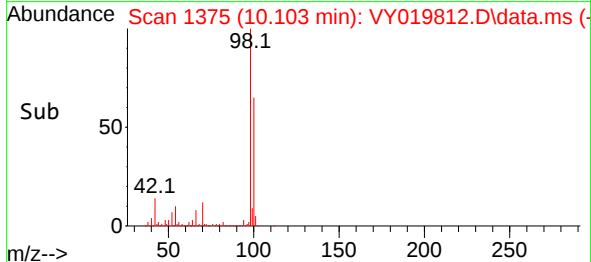
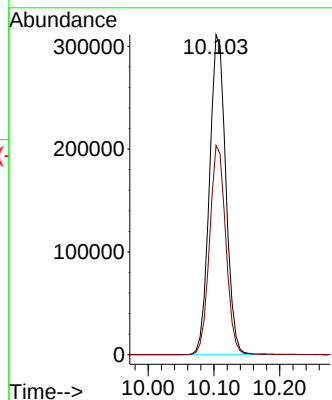
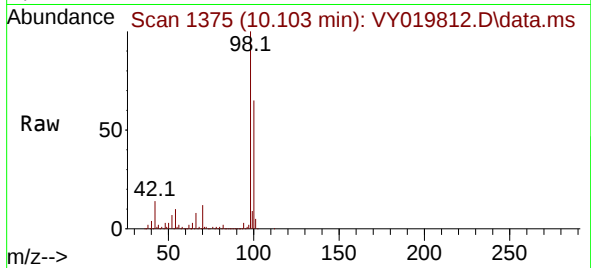




#50
Toluene-d8
Concen: 56.850 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019812.D
Acq: 07 Oct 2024 15:39

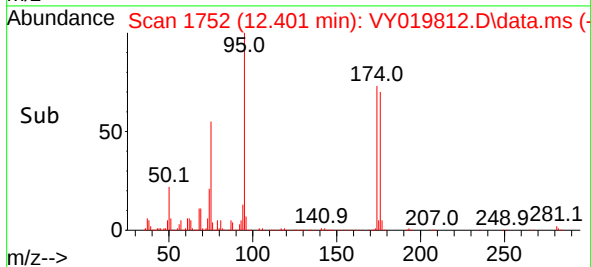
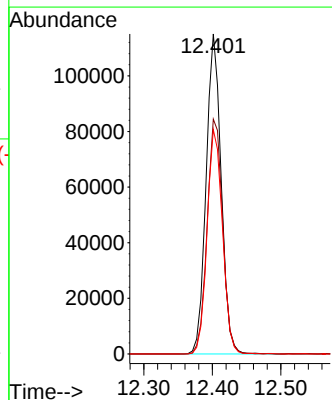
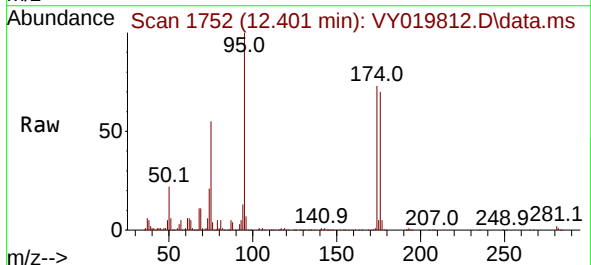
Instrument :
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ClientSampleId :
IB-6-VOC

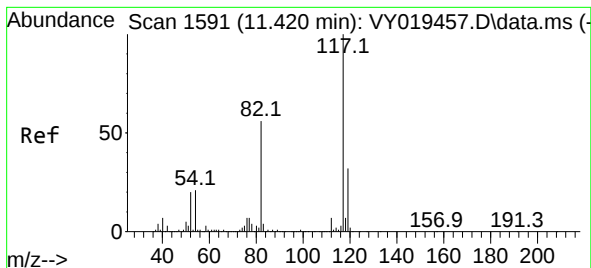
Tgt Ion: 98 Resp: 538000
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.375 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019812.D
Acq: 07 Oct 2024 15:39

Tgt Ion: 95 Resp: 176028
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 71.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019812.D

Acq: 07 Oct 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

IB-6-VOC

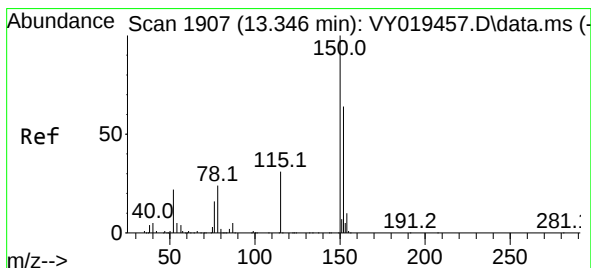
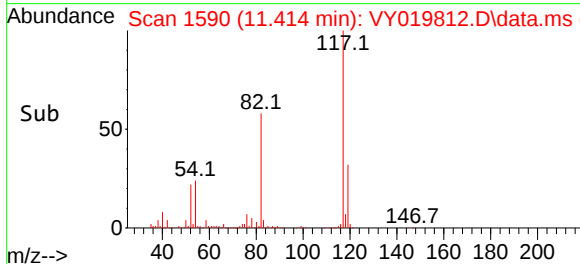
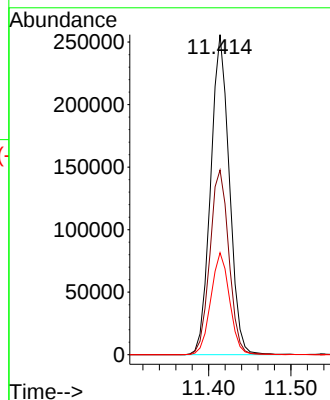
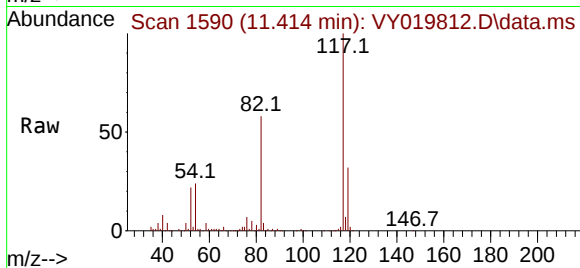
Tgt Ion:117 Resp: 403469

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019812.D

Acq: 07 Oct 2024 15:39

Tgt Ion:152 Resp: 149097

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 158.1 0.0 345.6

