

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019641.D
 Acq On : 20 Sep 2024 13:26
 Operator : SY/MD
 Sample : P4087-09
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-02

Quant Time: Sep 20 15:23:30 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)

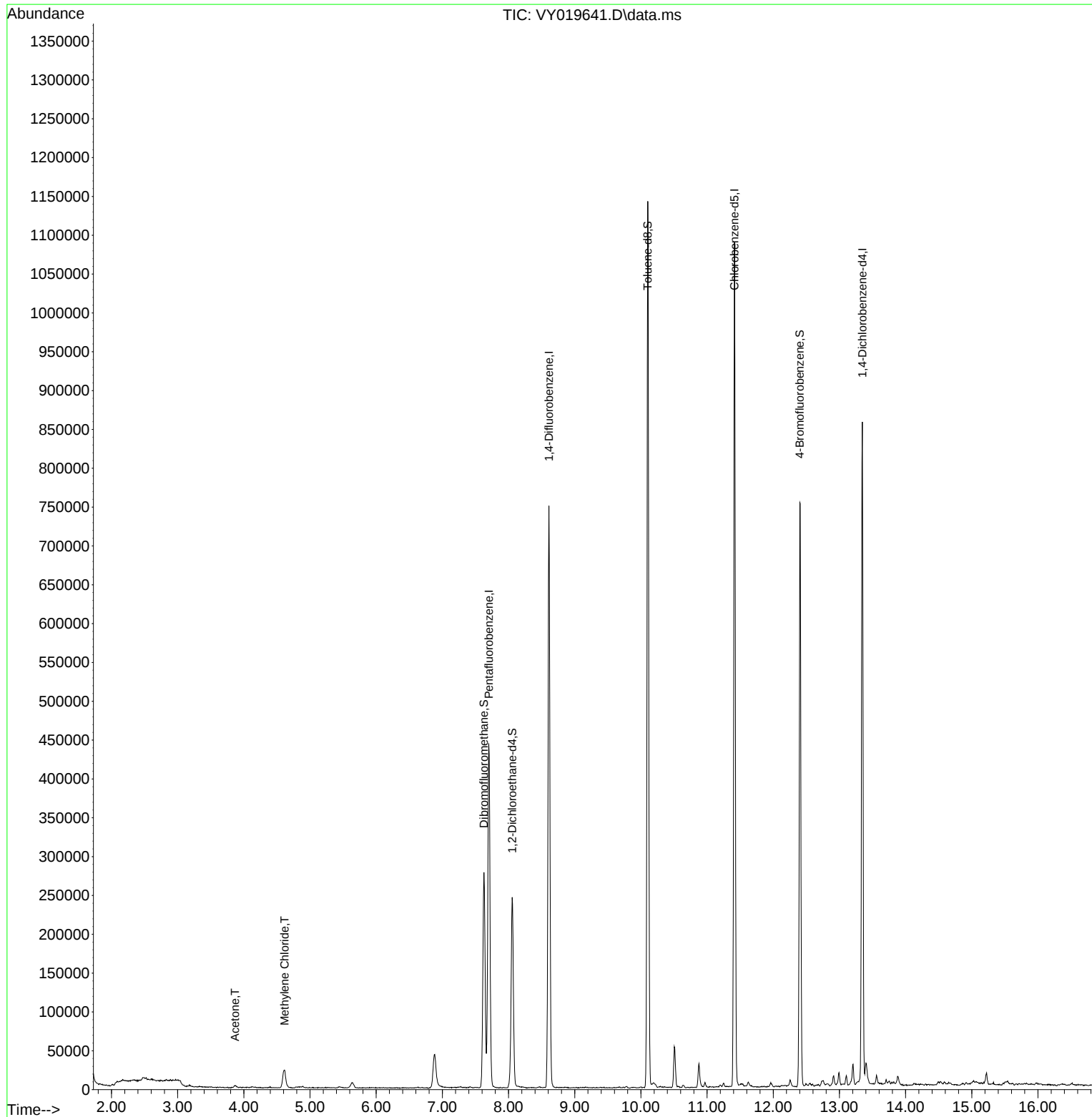
Internal Standards						
1) Pentafluorobenzene	7.701	168	329560	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	623185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	556846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	212032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	191648	62.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.600%
35) Dibromofluoromethane	7.628	113	197848	55.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.980%
50) Toluene-d8	10.103	98	738353	56.496	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.000%
62) 4-Bromofluorobenzene	12.401	95	240199	47.799	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.600%
Target Compounds						
						Qvalue
16) Acetone	3.866	43	4399	6.051	ug/l	# 86
20) Methylene Chloride	4.616	84	16689	5.034	ug/l	88

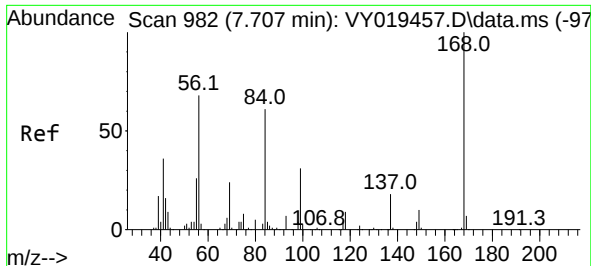
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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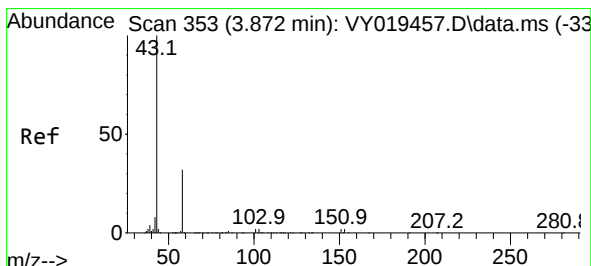
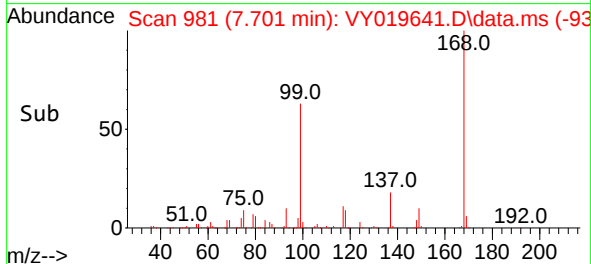
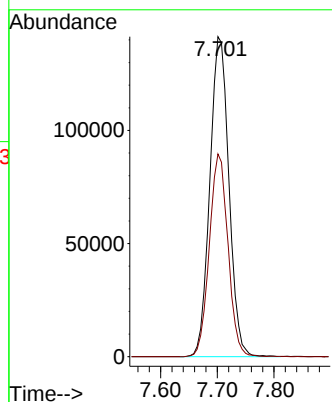
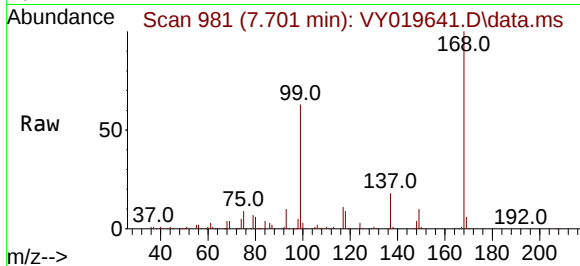




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

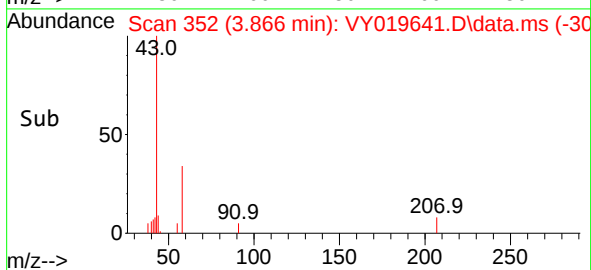
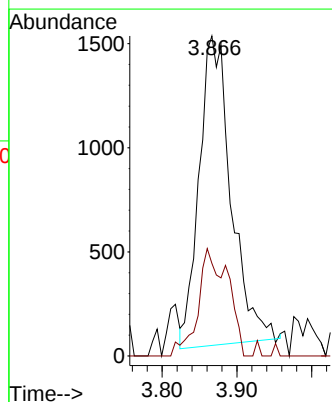
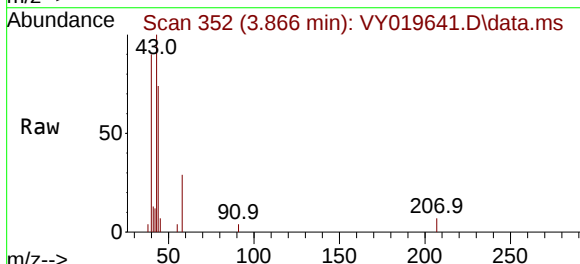
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-02

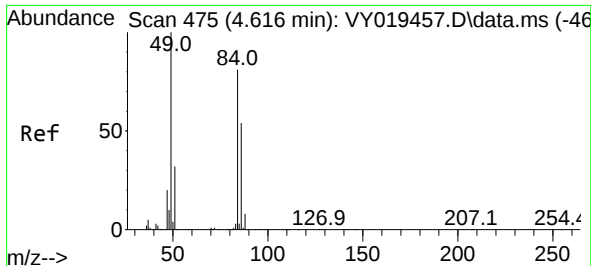
Tgt Ion:168 Resp: 329560
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#16
Acetone
Concen: 6.051 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion: 43 Resp: 4399
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#

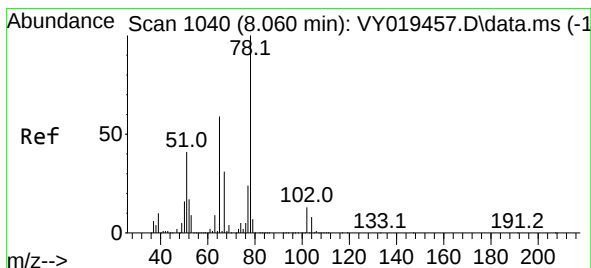
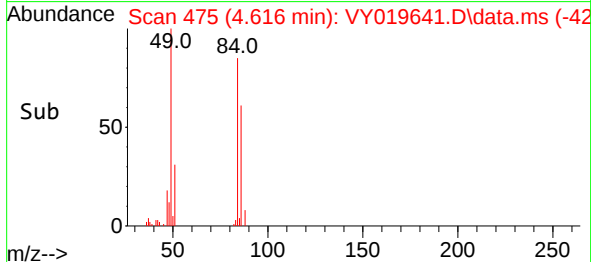
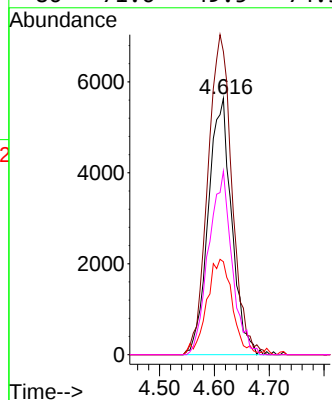
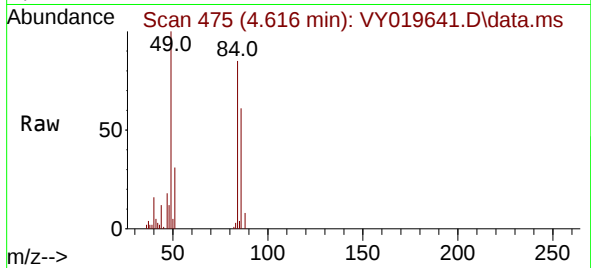




#20
Methylene Chloride
Concen: 5.034 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

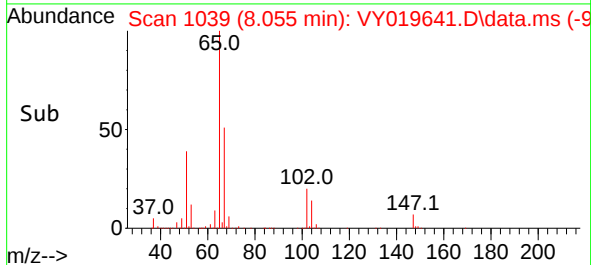
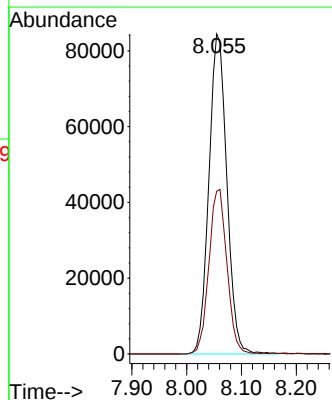
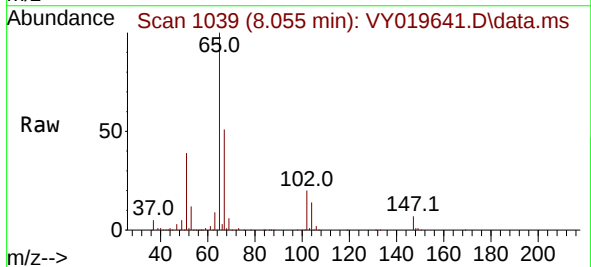
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-02

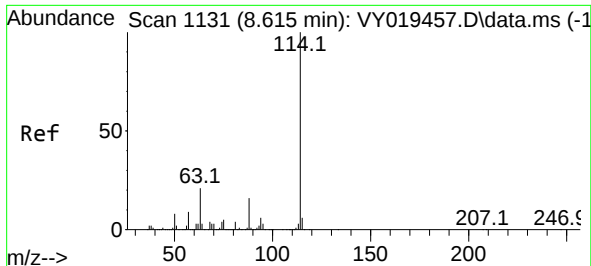
Tgt Ion:	84	Resp:	16689
Ion	Ratio	Lower	Upper
84	100		
49	118.3	84.4	126.6
51	36.3	26.0	39.0
86	71.6	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 62.801 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion:	65	Resp:	191648
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019641.D

Acq: 20 Sep 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-02

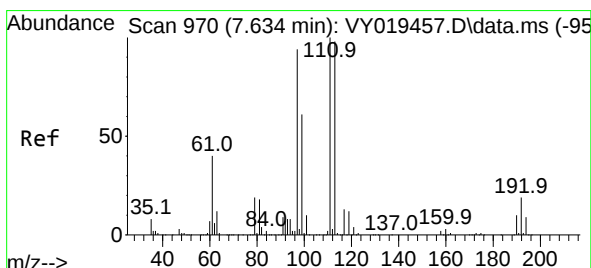
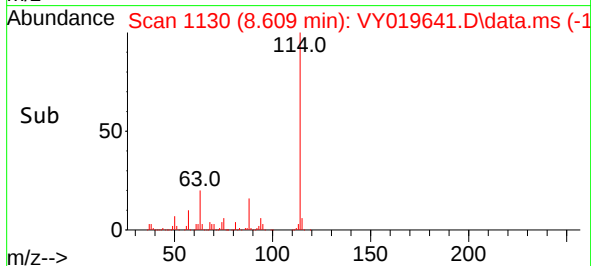
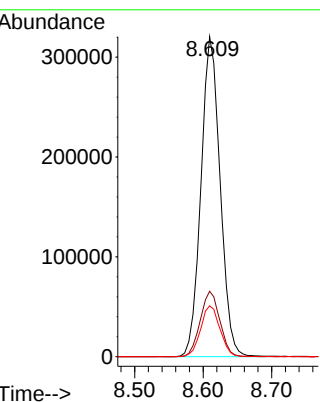
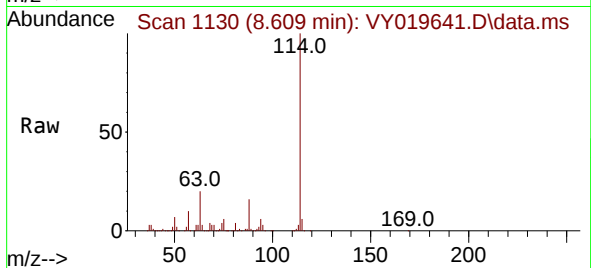
Tgt Ion:114 Resp: 623185

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.995 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019641.D

Acq: 20 Sep 2024 13:26

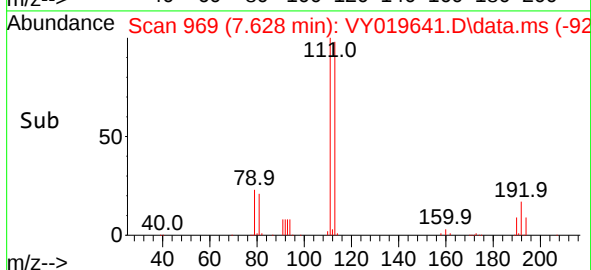
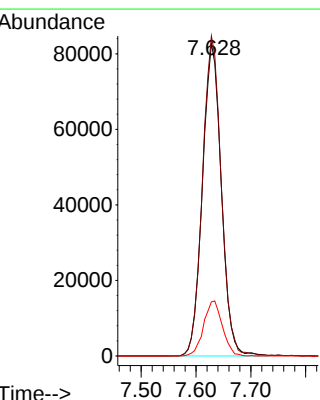
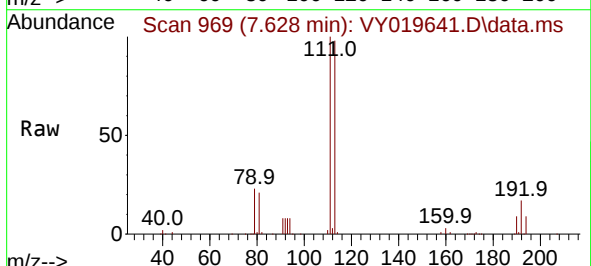
Tgt Ion:113 Resp: 197848

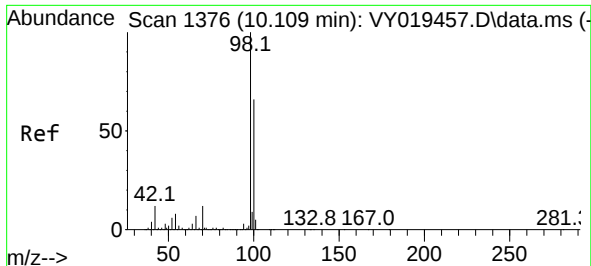
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 17.5 15.9 23.9

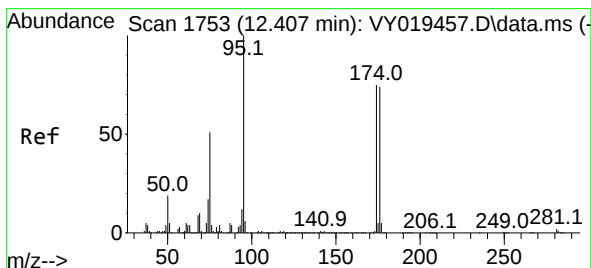
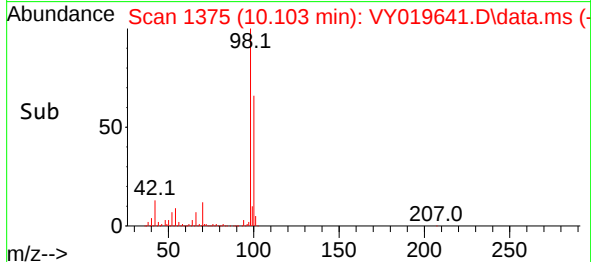
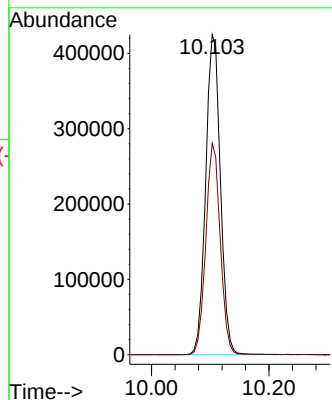
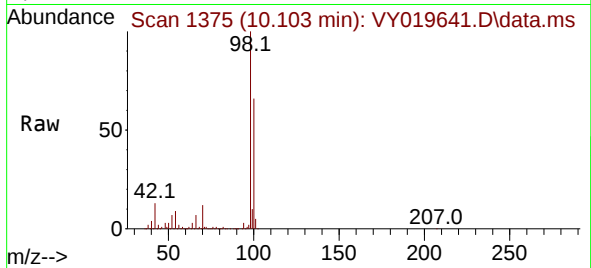




#50
Toluene-d8
Concen: 56.496 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

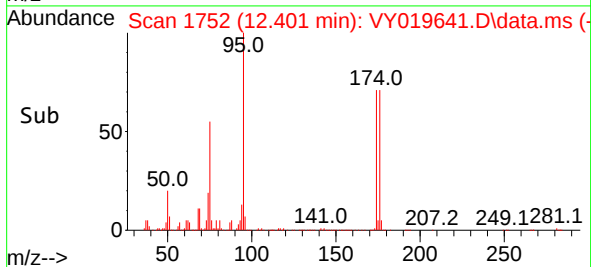
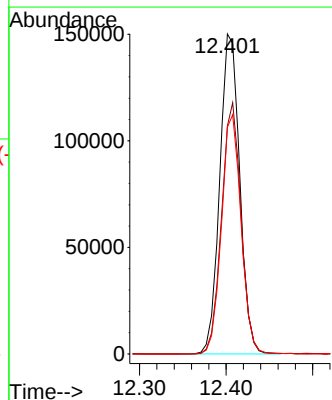
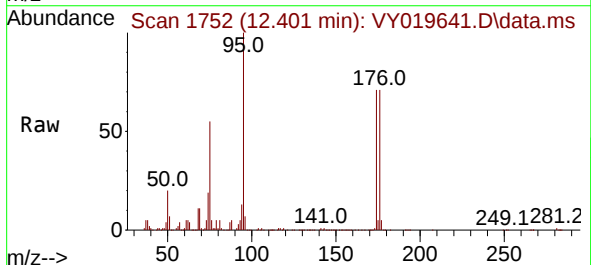
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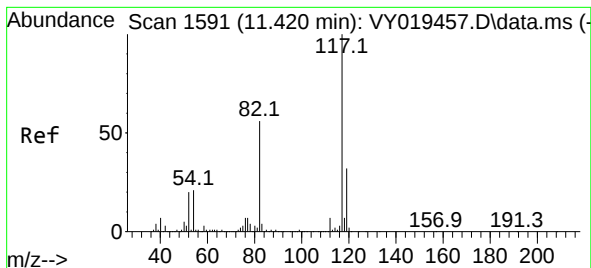
Tgt Ion: 98 Resp: 738353
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.799 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019641.D
Acq: 20 Sep 2024 13:26

Tgt Ion: 95 Resp: 240199
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 73.4 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: VY019641.D

Acq: 20 Sep 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-02

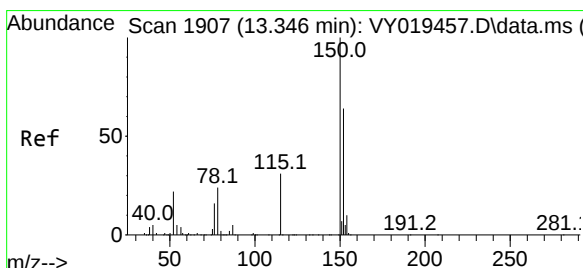
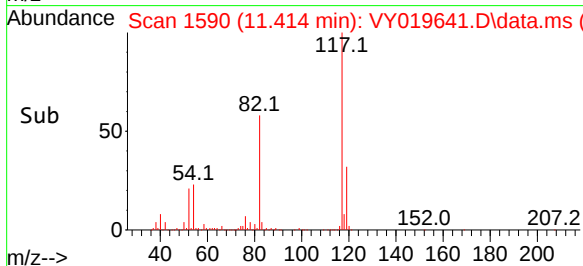
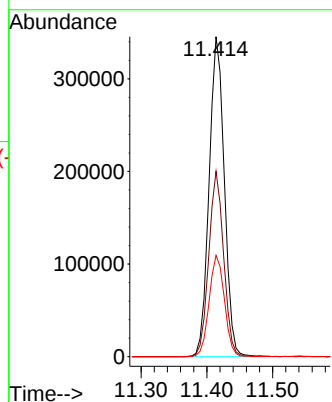
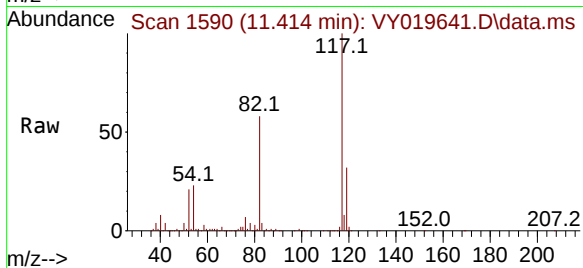
Tgt Ion:117 Resp: 556846

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.7 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: VY019641.D

Acq: 20 Sep 2024 13:26

Tgt Ion:152 Resp: 212032

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 157.0 0.0 345.6

