

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019618.D
 Acq On : 18 Sep 2024 20:02
 Operator : SY/MD
 Sample : P4088-15
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-09

Quant Time: Sep 19 01:28:24 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)

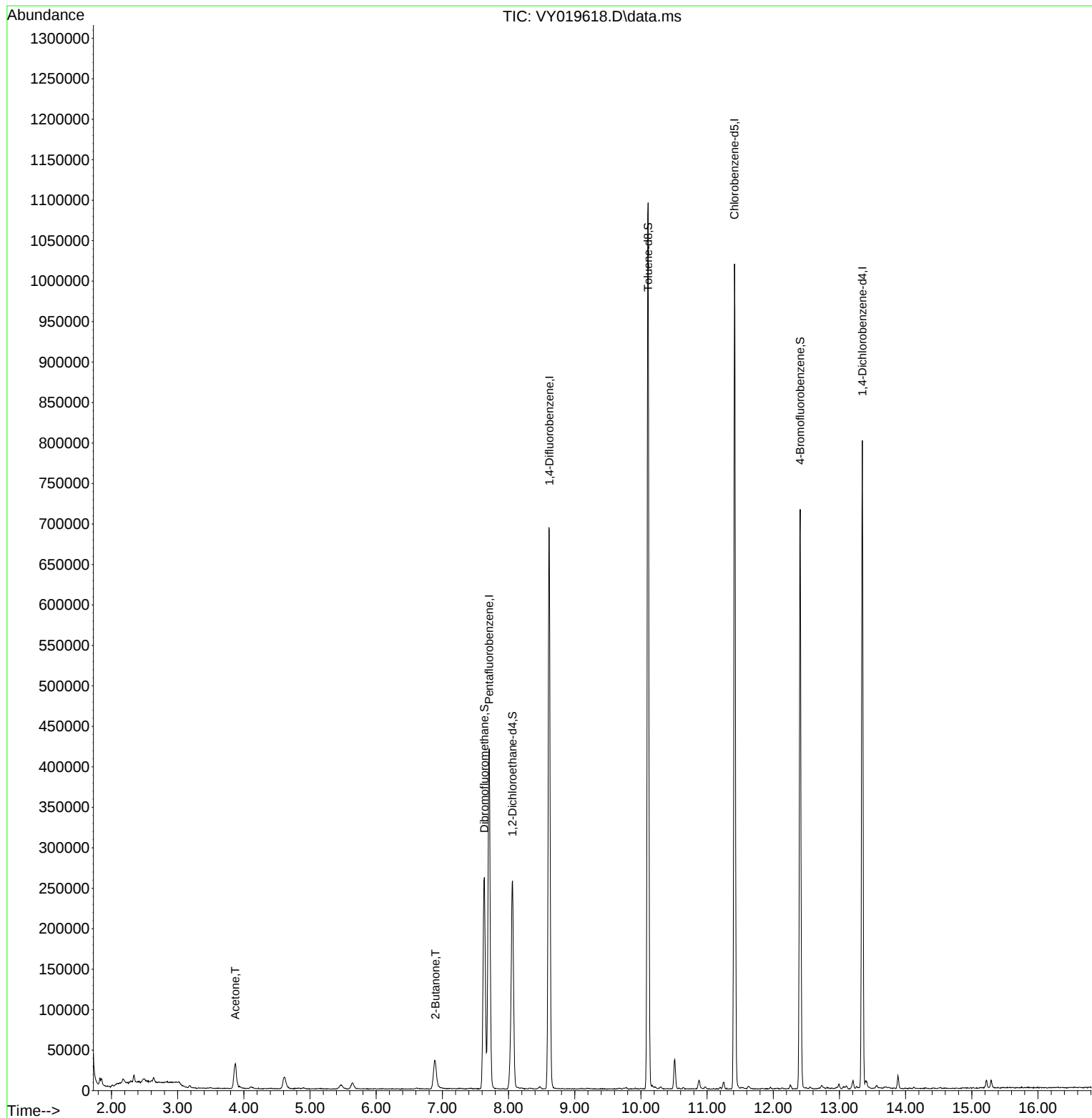
Internal Standards						
1) Pentafluorobenzene	7.707	168	304405	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	588356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	519151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	189932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187039	66.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.720%
35) Dibromofluoromethane	7.634	113	186876	56.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.040%
50) Toluene-d8	10.109	98	702687	56.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.900%
62) 4-Bromofluorobenzene	12.408	95	220754	46.530	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.060%
Target Compounds						
						Qvalue
16) Acetone	3.873	43	56282	83.813	ug/l	88
25) 2-Butanone	6.896	43	22242	23.288	ug/l	91

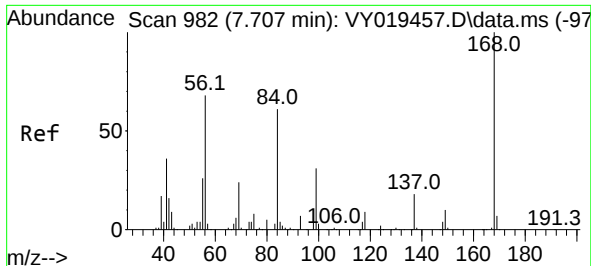
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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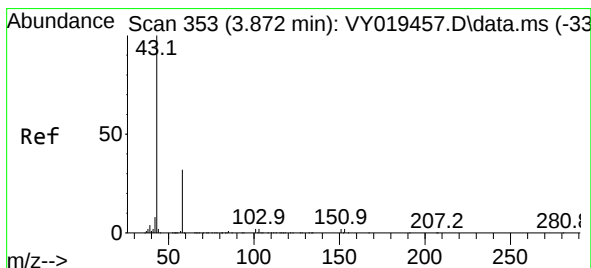
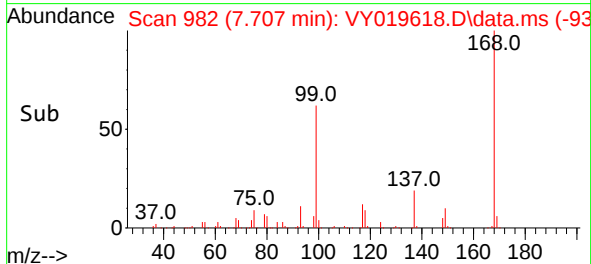
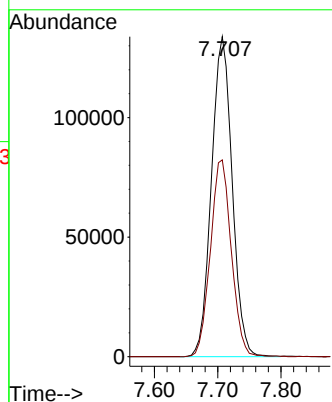
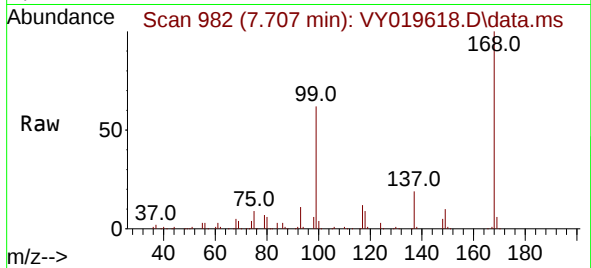




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

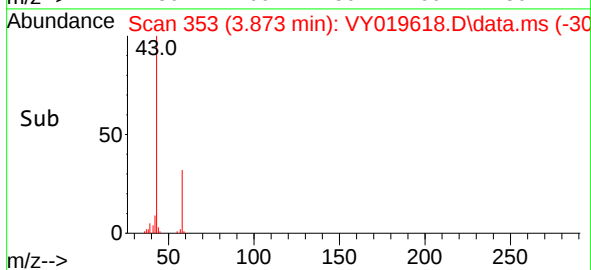
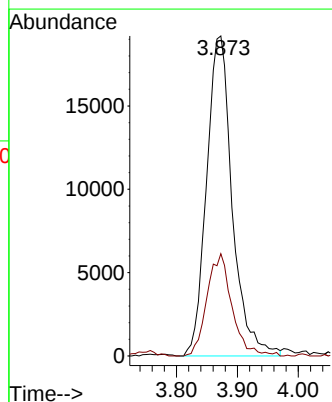
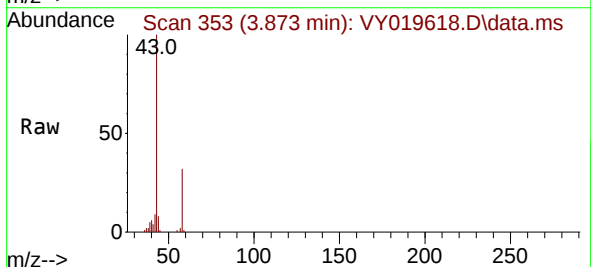
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-09

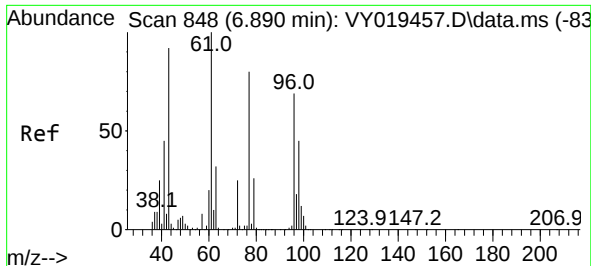
Tgt Ion:168 Resp: 304405
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#16
Acetone
Concen: 83.813 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Tgt Ion: 43 Resp: 56282
Ion Ratio Lower Upper
43 100
58 31.9 31.7 47.5





#25

2-Butanone

Concen: 23.288 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019618.D

Acq: 18 Sep 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

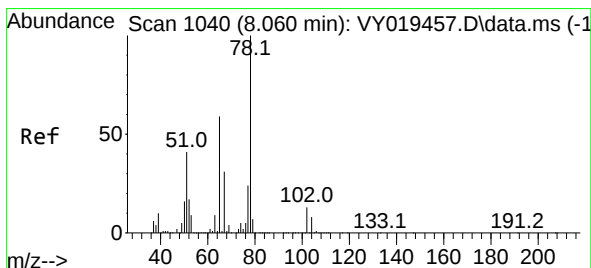
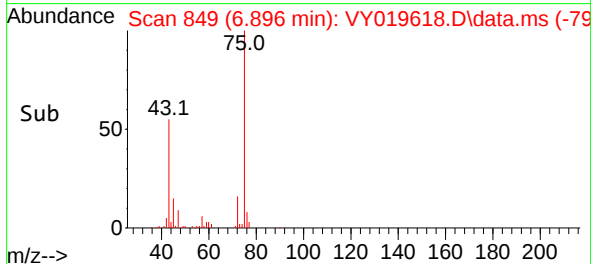
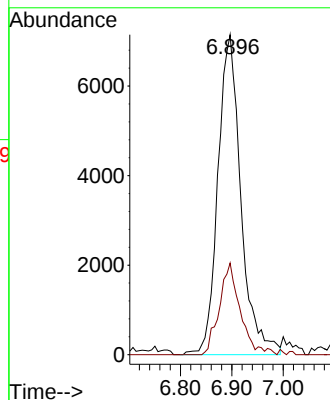
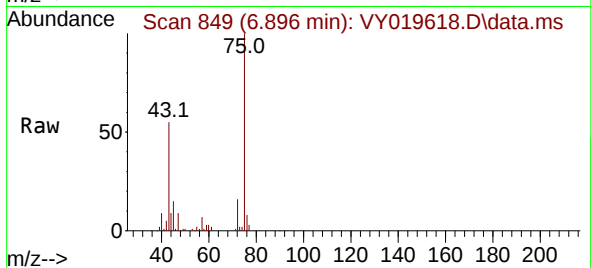
NB-614-VOC-09

Tgt Ion: 43 Resp: 22242

Ion Ratio Lower Upper

43 100

72 28.7 27.3 40.9



#33

1,2-Dichloroethane-d4

Concen: 66.356 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019618.D

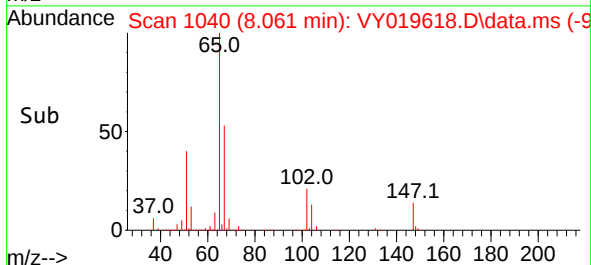
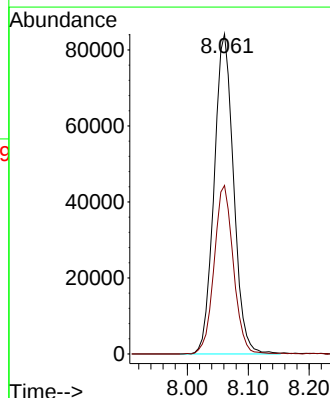
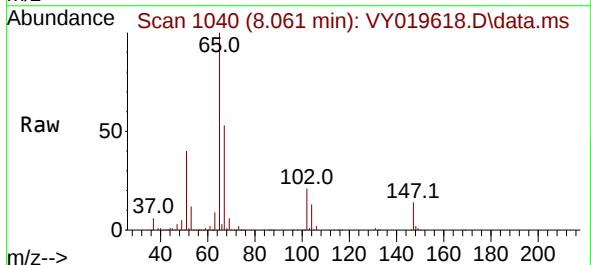
Acq: 18 Sep 2024 20:02

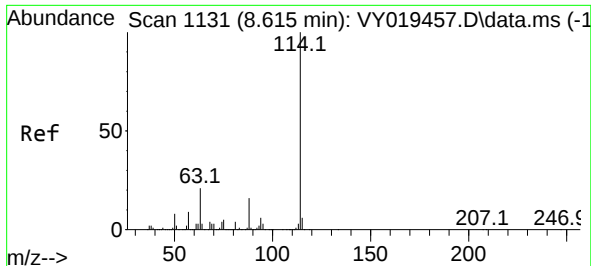
Tgt Ion: 65 Resp: 187039

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6

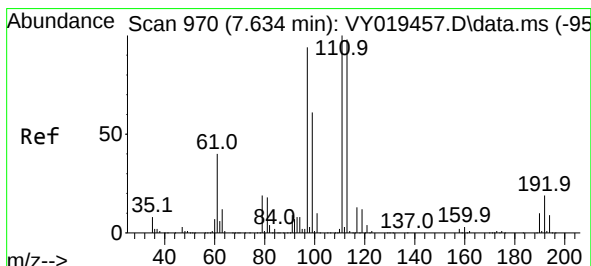
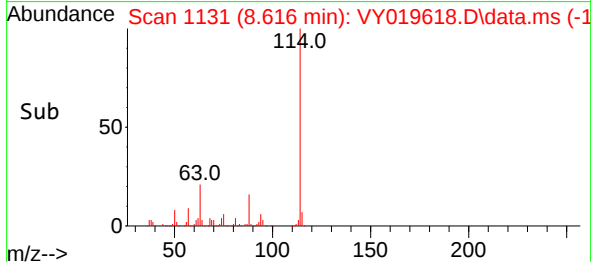
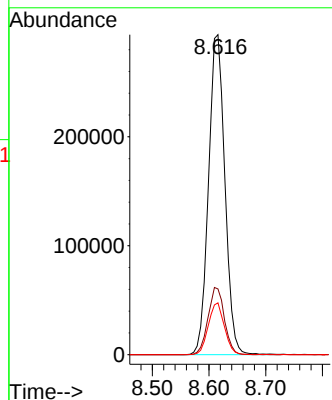
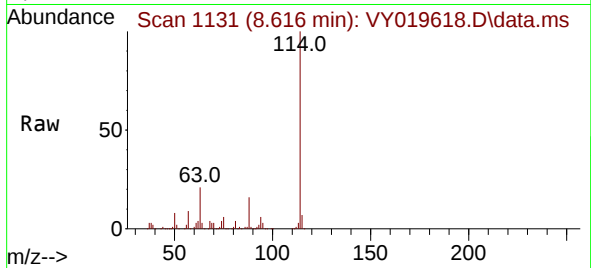




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

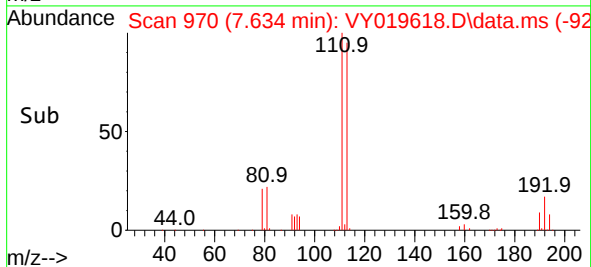
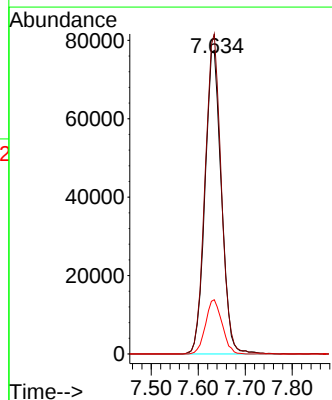
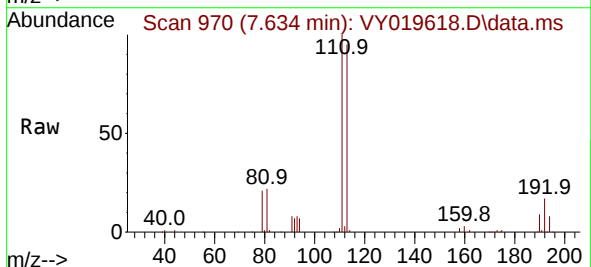
Instrument :
MSVOA_Y
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NB-614-VOC-09

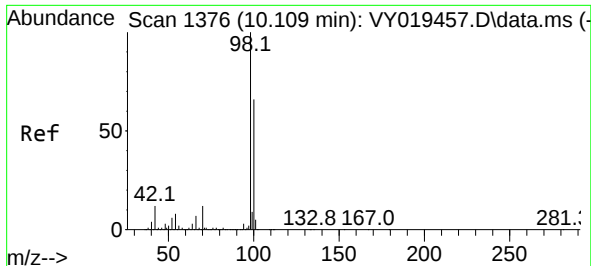
Tgt Ion:114 Resp: 588356
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.020 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Tgt Ion:113 Resp: 186876
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 18.1 15.9 23.9

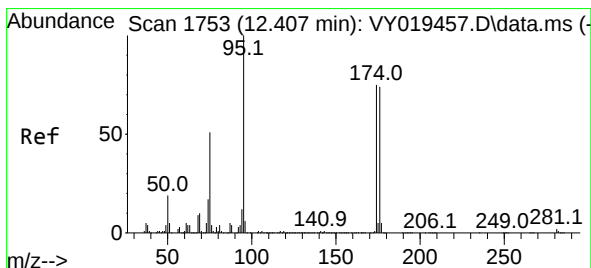
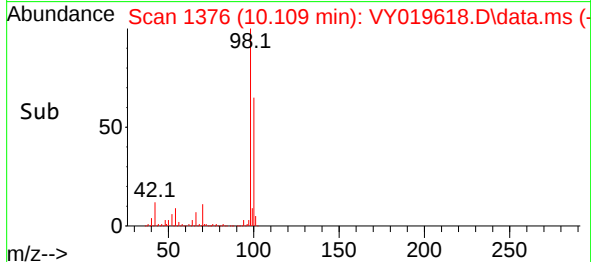
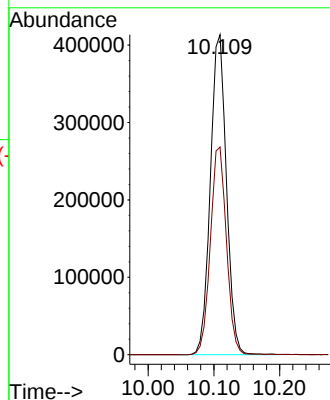
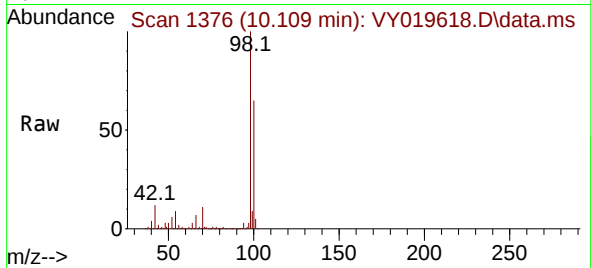




#50
Toluene-d8
Concen: 56.950 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

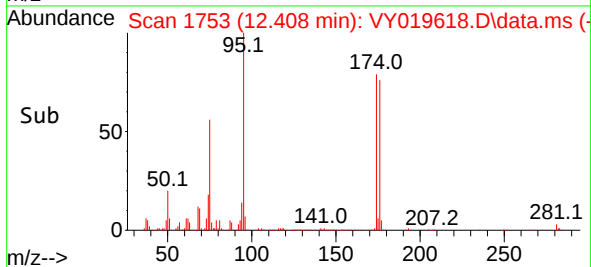
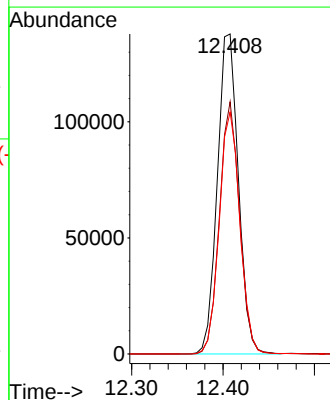
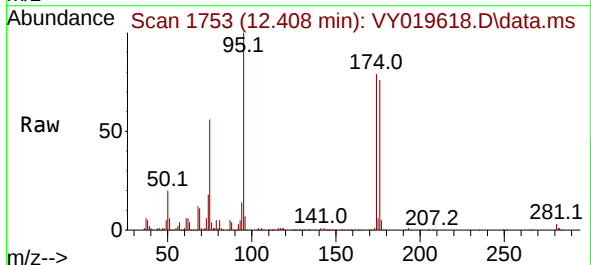
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-09

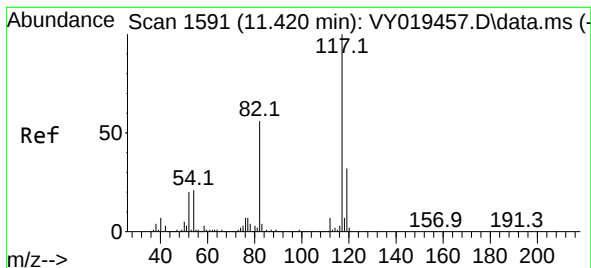
Tgt Ion: 98 Resp: 702687
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.530 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019618.D
Acq: 18 Sep 2024 20:02

Tgt Ion: 95 Resp: 220754
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 74.2 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: VY019618.D

Acq: 18 Sep 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-09

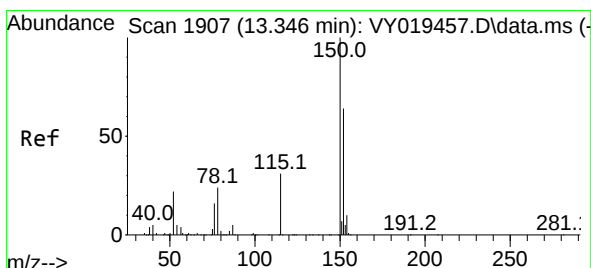
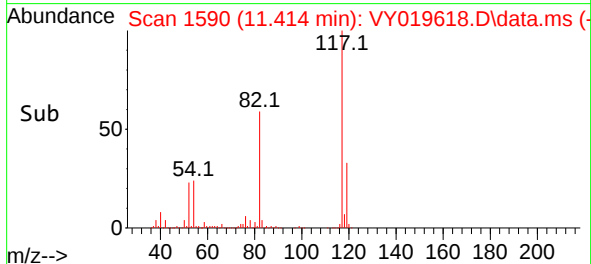
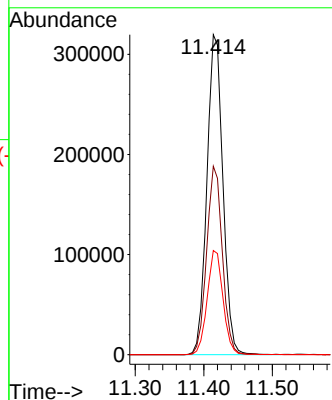
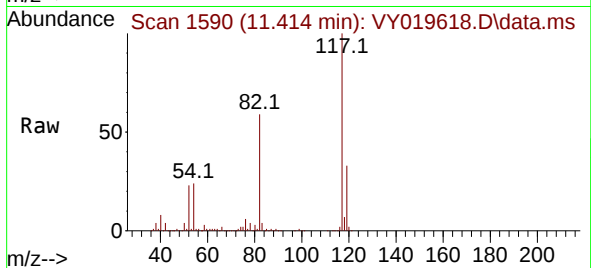
Tgt Ion:117 Resp: 519151

Ion Ratio Lower Upper

117 100

82 58.9 42.4 63.6

119 32.5 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: VY019618.D

Acq: 18 Sep 2024 20:02

Tgt Ion:152 Resp: 189932

Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 157.1 0.0 345.6

