

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019609.D
 Acq On : 18 Sep 2024 16:31
 Operator : SY/MD
 Sample : P4087-09
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 19 01:26:27 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)

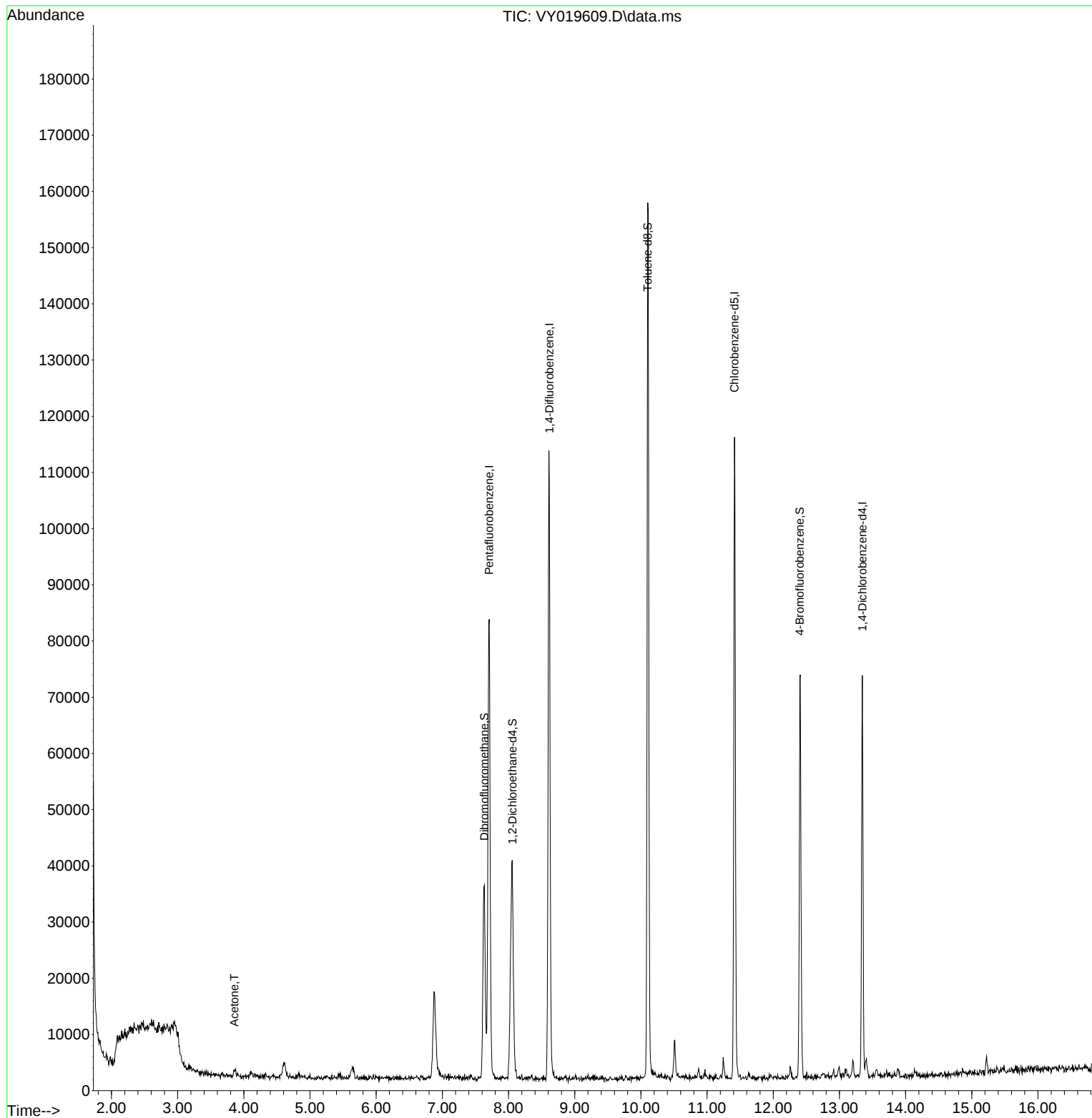
Internal Standards						
1) Pentafluorobenzene	7.707	168	60051	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	93002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	61962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	17198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	22816	41.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.060%
35) Dibromofluoromethane	7.634	113	25500	48.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.103	98	101547	52.065	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.402	95	23144	30.861	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.720%
Target Compounds						
16) Acetone	3.854	43	2194m	16.562	ug/l	Qvalue

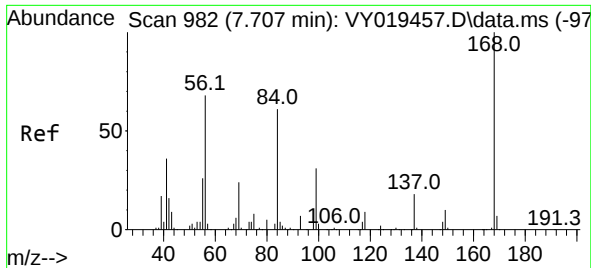
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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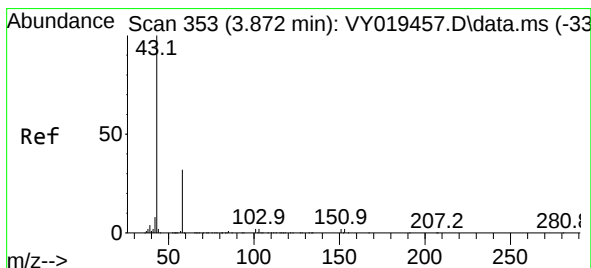
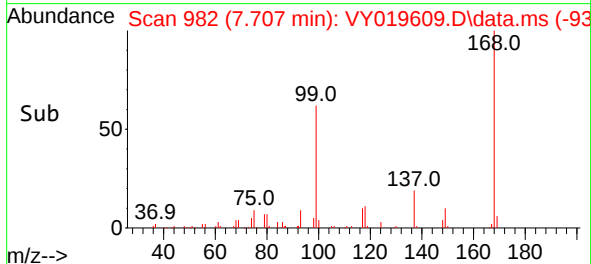
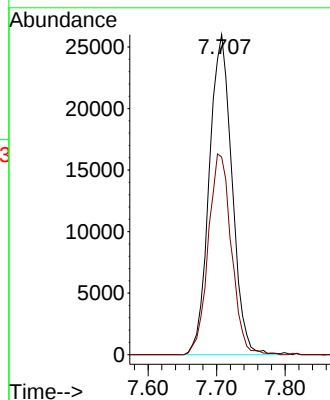
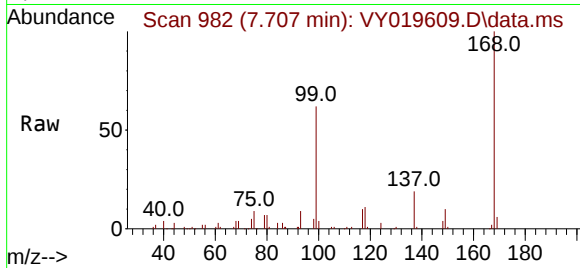




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019609.D
Acq: 18 Sep 2024 16:31

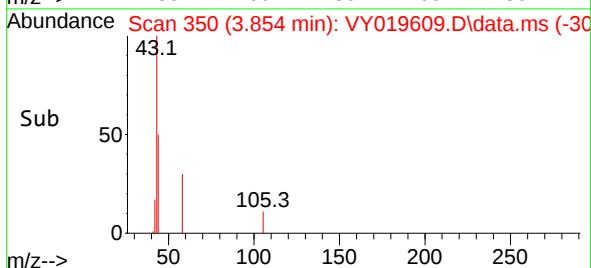
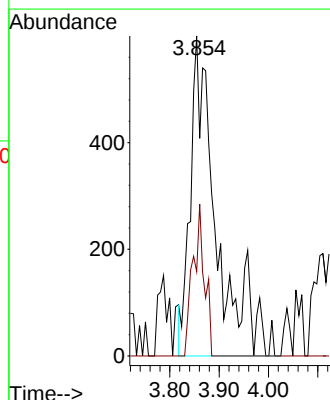
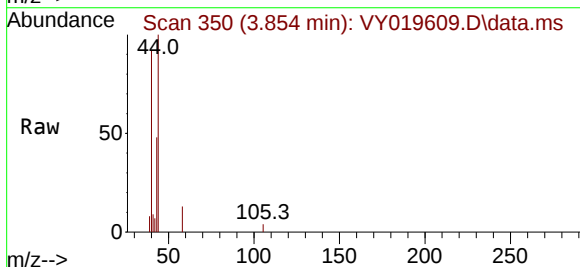
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-02

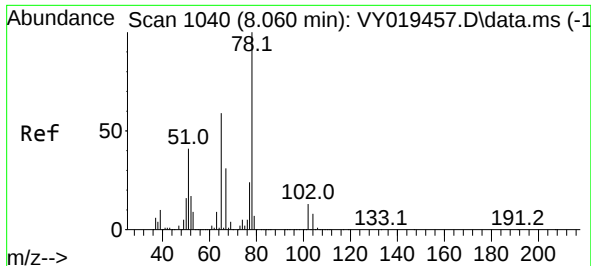
Tgt Ion:168 Resp: 60051
Ion Ratio Lower Upper
168 100
99 61.7 39.1 58.7#



#16
Acetone
Concen: 16.562 ug/l m
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY019609.D
Acq: 18 Sep 2024 16:31

Tgt Ion: 43 Resp: 2194
Ion Ratio Lower Upper
43 100
58 26.3 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 41.032 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019609.D

Acq: 18 Sep 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

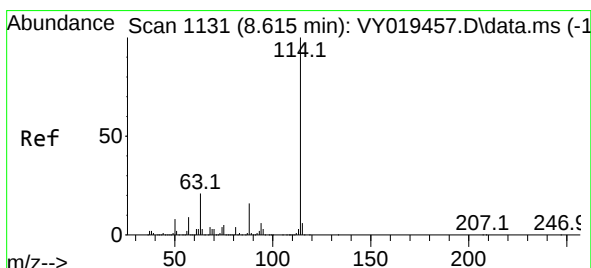
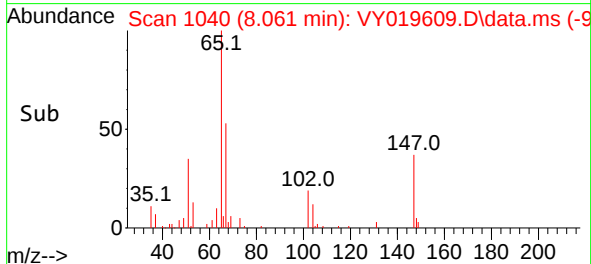
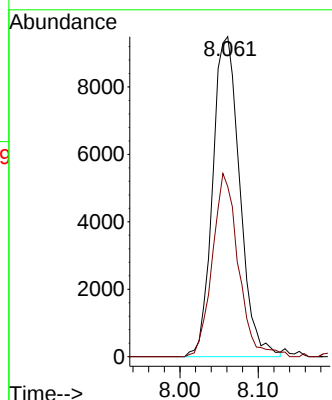
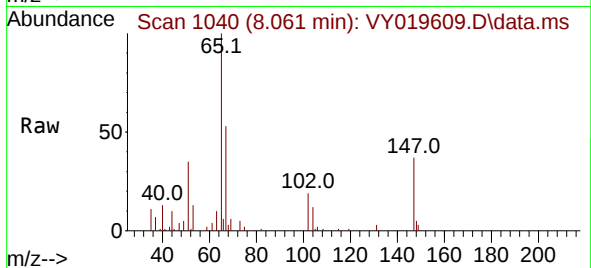
NB-614-VOC-02

Tgt Ion: 65 Resp: 22816

Ion Ratio Lower Upper

65 100

67 54.9 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: VY019609.D

Acq: 18 Sep 2024 16:31

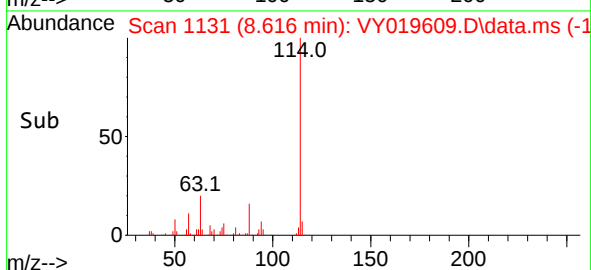
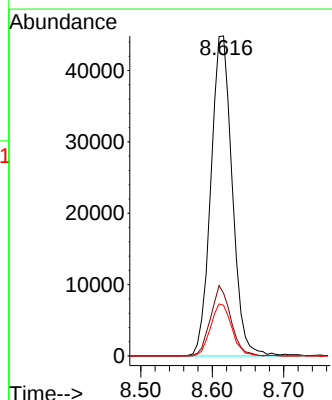
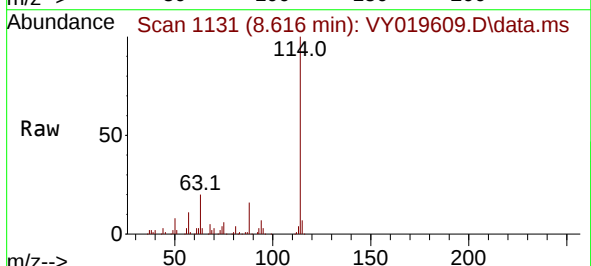
Tgt Ion: 114 Resp: 93002

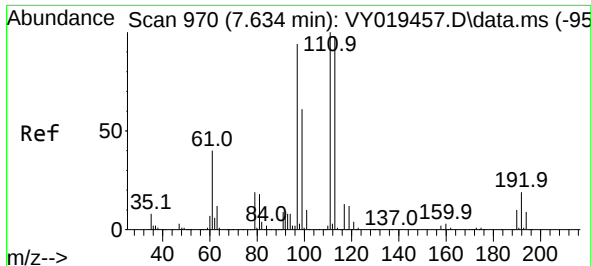
Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

88 15.9 0.0 27.2

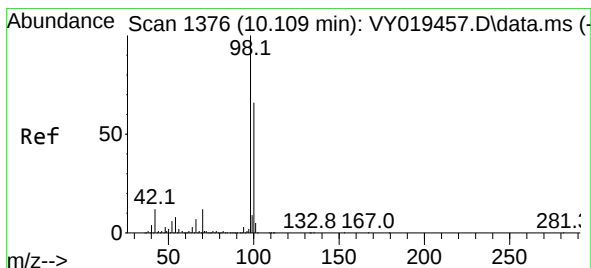
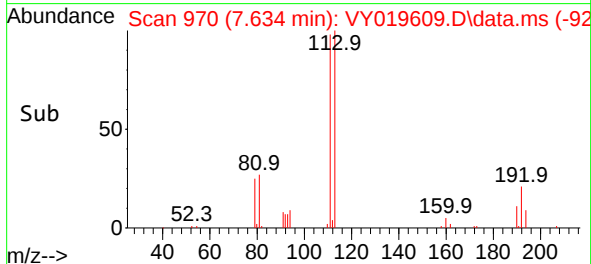
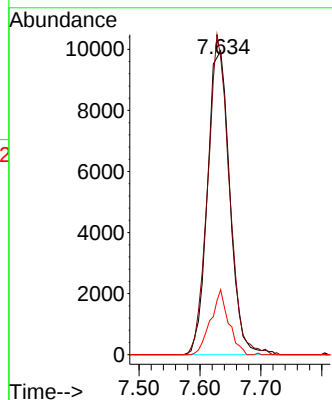
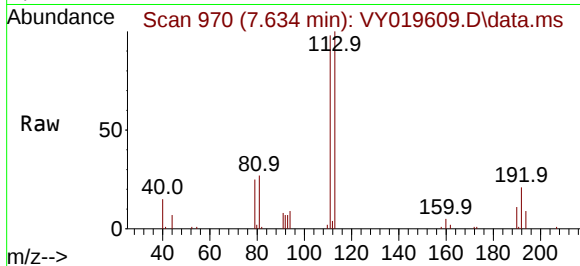




#35
Dibromofluoromethane
Concen: 48.359 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019609.D
Acq: 18 Sep 2024 16:31

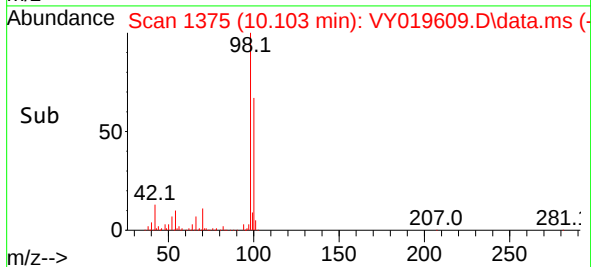
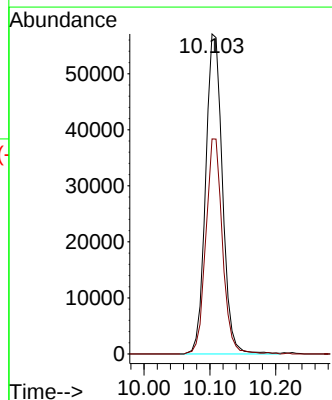
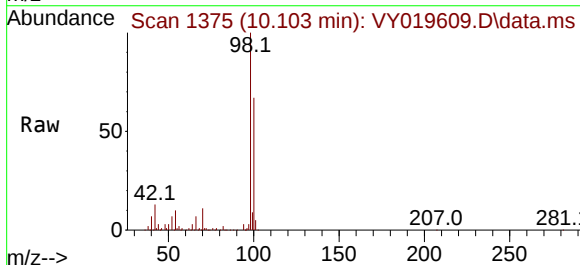
Instrument :
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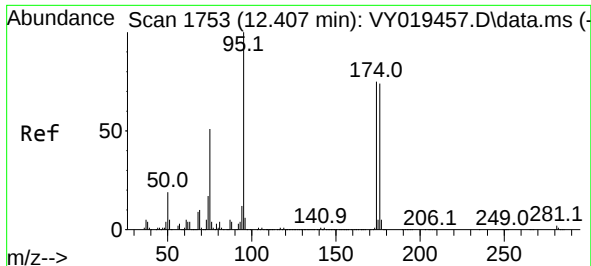
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.2	123.4
192	17.1	15.9	23.9



#50
Toluene-d8
Concen: 52.065 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019609.D
Acq: 18 Sep 2024 16:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.0	78.0

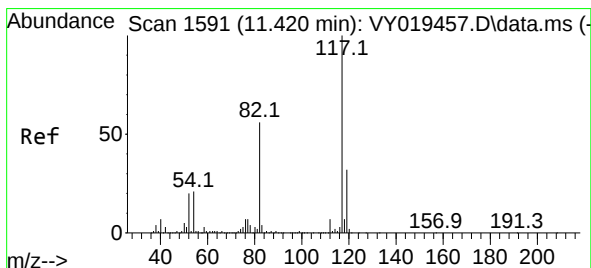
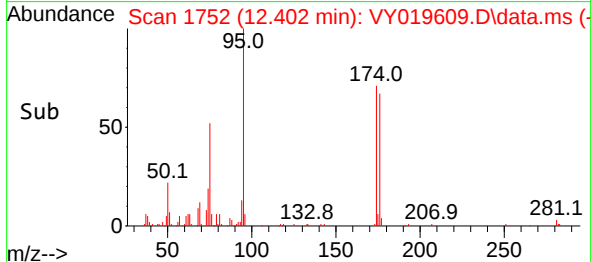
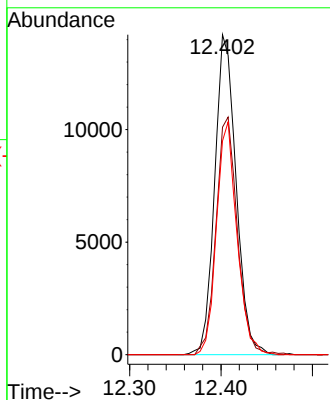
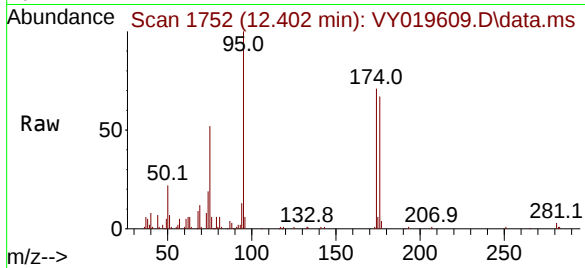




#62
4-Bromofluorobenzene
Concen: 30.861 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019609.D
Acq: 18 Sep 2024 16:31

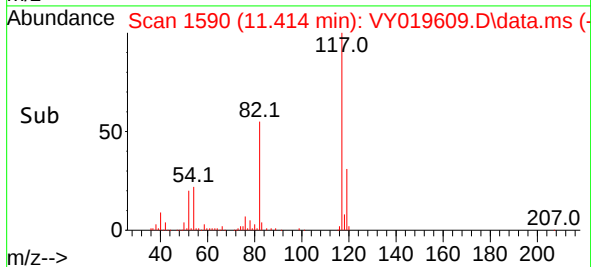
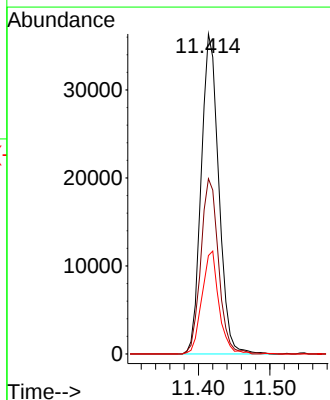
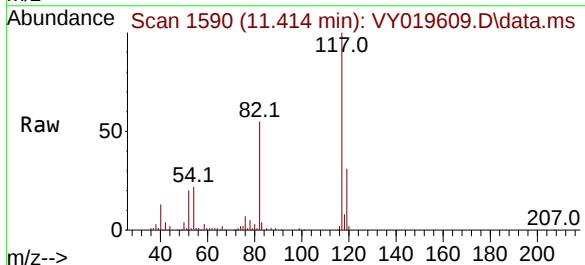
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-02

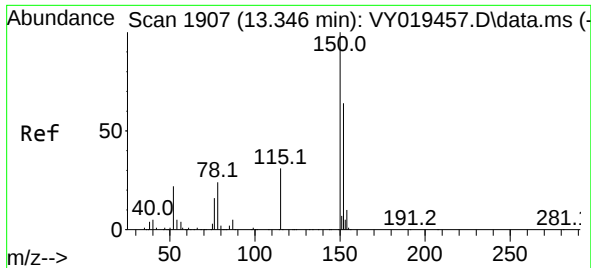
Tgt Ion: 95 Resp: 23144
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 69.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019609.D
Acq: 18 Sep 2024 16:31

Tgt Ion: 117 Resp: 61962
Ion Ratio Lower Upper
117 100
82 54.8 42.4 63.6
119 30.8 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: VY019609.D

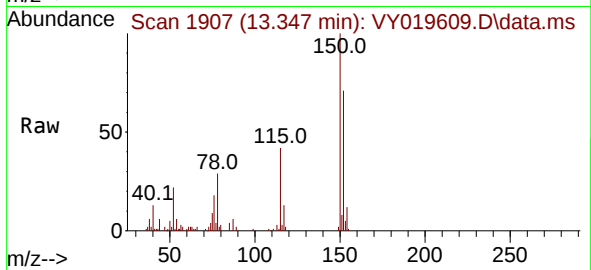
Acq: 18 Sep 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-02



Tgt Ion:152 Resp: 17198

Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 144.6 0.0 345.6

