

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021524.D
 Acq On : 13 Mar 2025 14:44
 Operator : SY/MD
 Sample : Q1552-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-418-JB-VOC-01

Quant Time: Mar 14 14:56:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

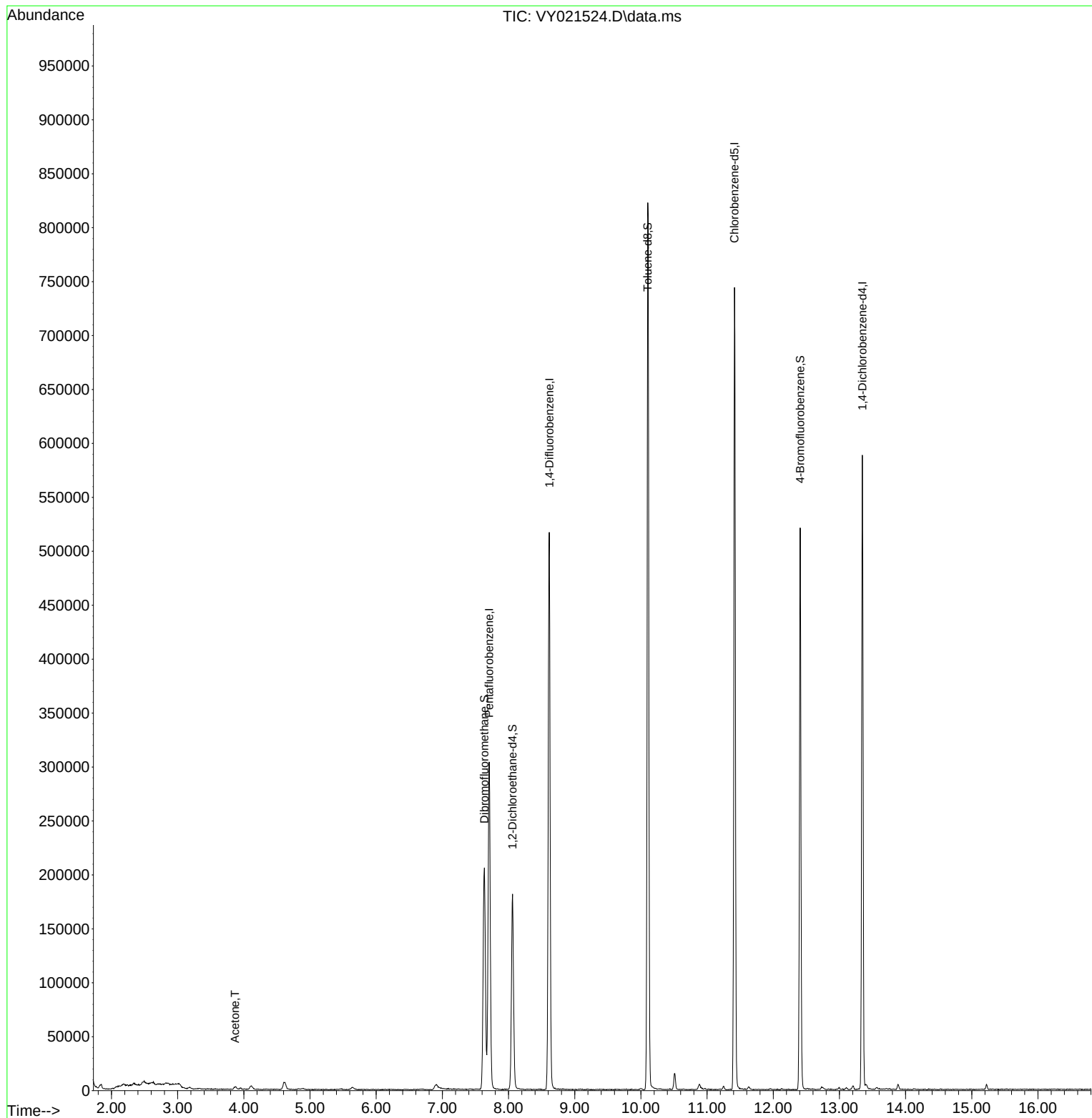
Internal Standards						
1) Pentafluorobenzene	7.707	168	222443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	426138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	381081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	140462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140076	59.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.160%
35) Dibromofluoromethane	7.634	113	144153	51.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%
50) Toluene-d8	10.103	98	522834	49.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.408	95	152150	42.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.340%
Target Compounds						
16) Acetone	3.866	43	4554	8.881	ug/l	92

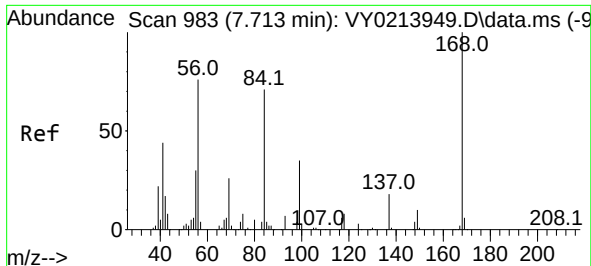
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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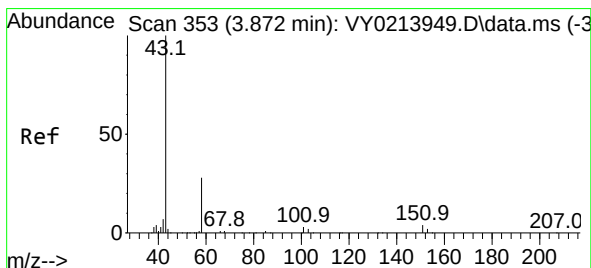
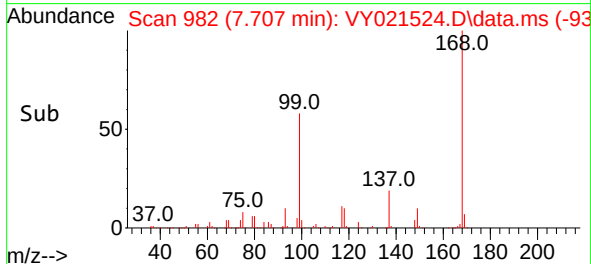
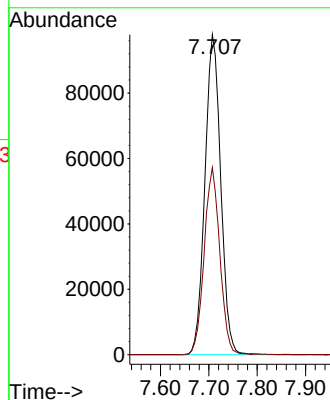
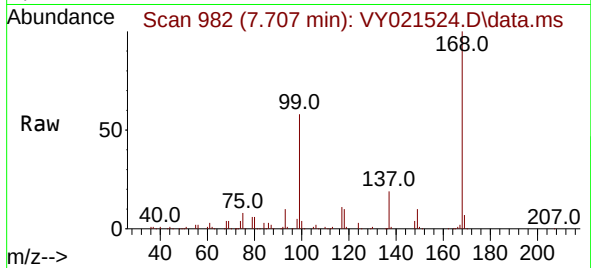




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

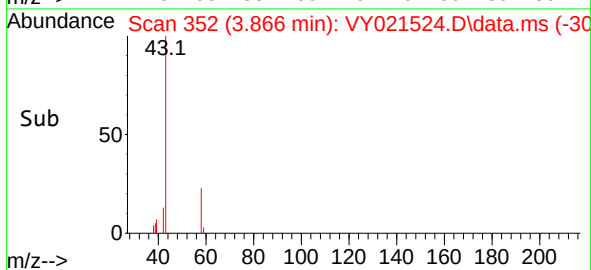
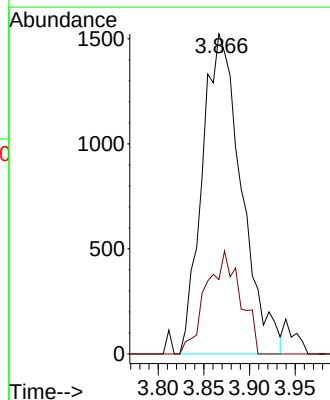
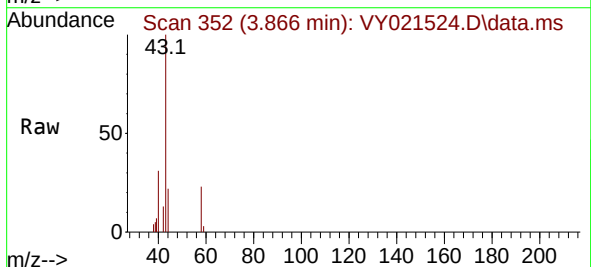
Instrument :
MSVOA_Y
ClientSampleId :
NB-418-JB-VOC-01

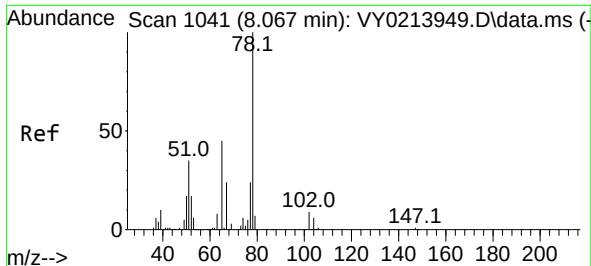
Tgt Ion:168 Resp: 222443
Ion Ratio Lower Upper
168 100
99 58.4 46.0 69.0



#16
Acetone
Concen: 8.881 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

Tgt Ion: 43 Resp: 4554
Ion Ratio Lower Upper
43 100
58 23.2 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 59.579 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021524.D

Acq: 13 Mar 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

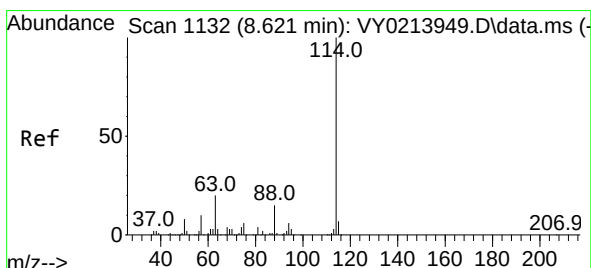
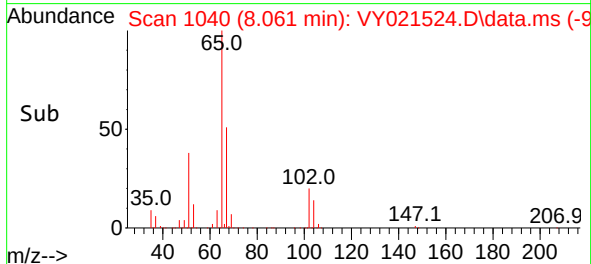
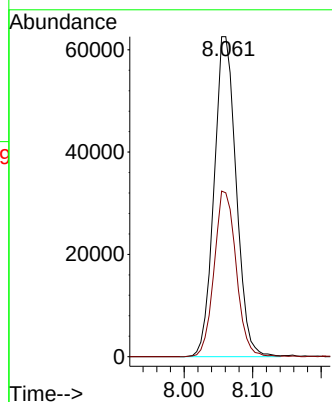
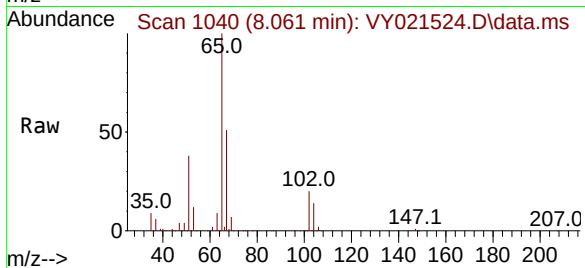
NB-418-JB-VOC-01

Tgt Ion: 65 Resp: 140076

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021524.D

Acq: 13 Mar 2025 14:44

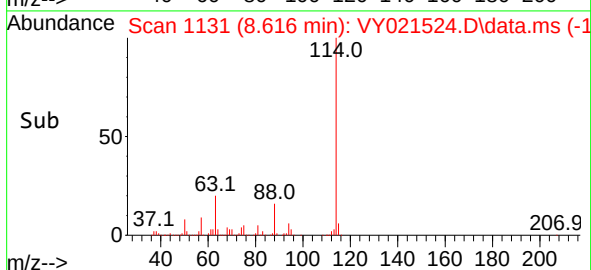
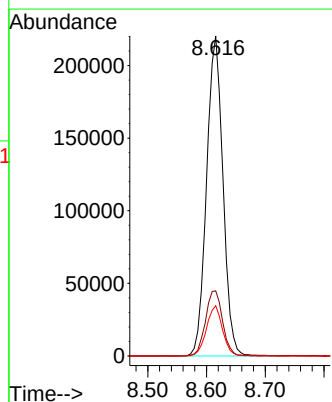
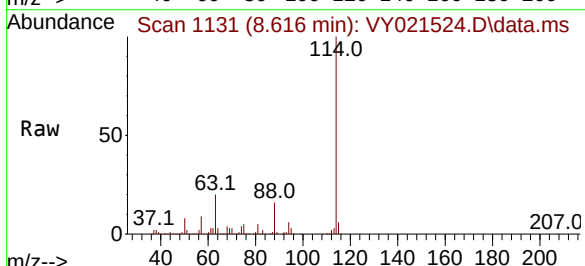
Tgt Ion: 114 Resp: 426138

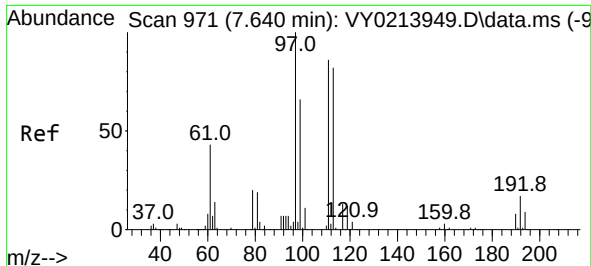
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.464 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021524.D

Acq: 13 Mar 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

NB-418-JB-VOC-01

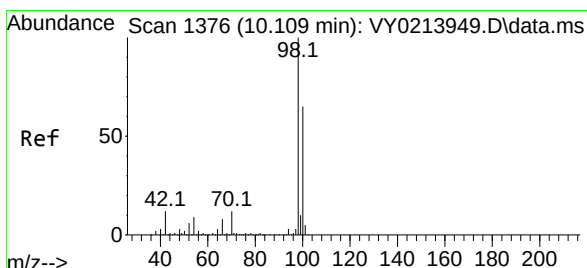
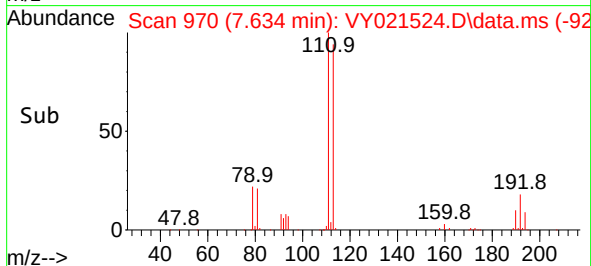
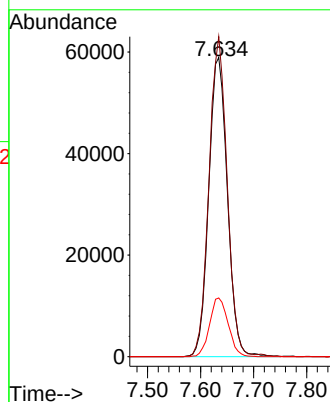
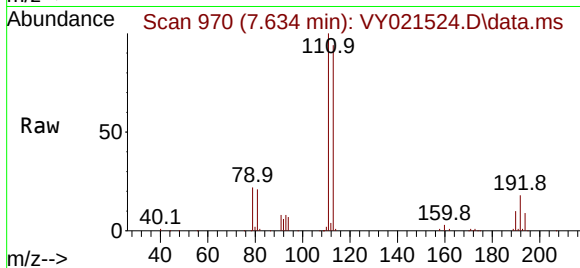
Tgt Ion:113 Resp: 144153

Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

192 19.6 15.9 23.9



#50

Toluene-d8

Concen: 49.297 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021524.D

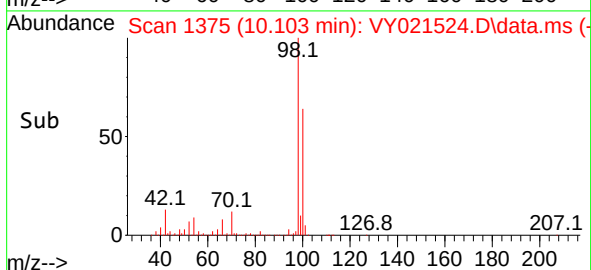
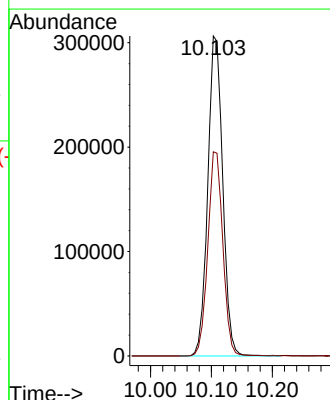
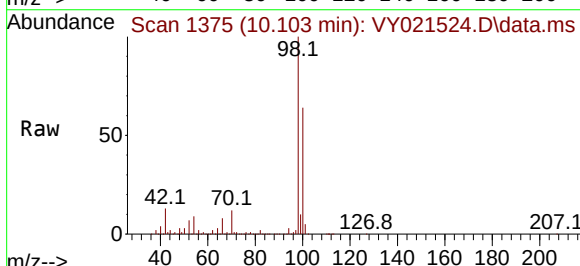
Acq: 13 Mar 2025 14:44

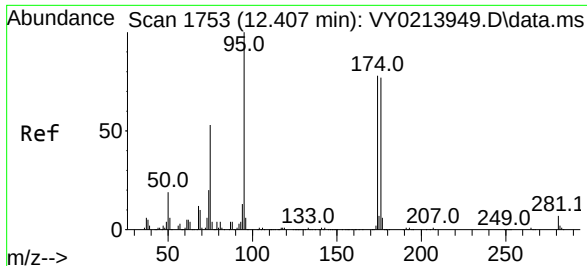
Tgt Ion: 98 Resp: 522834

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 42.174 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021524.D

Acq: 13 Mar 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

NB-418-JB-VOC-01

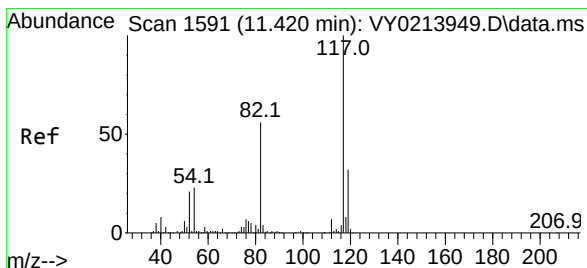
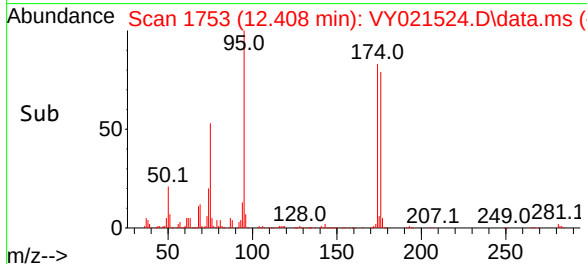
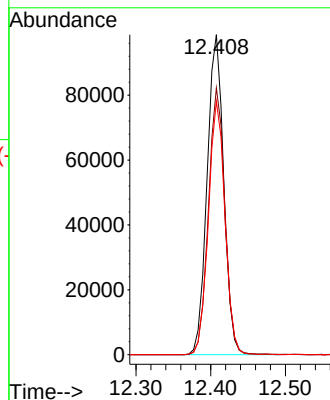
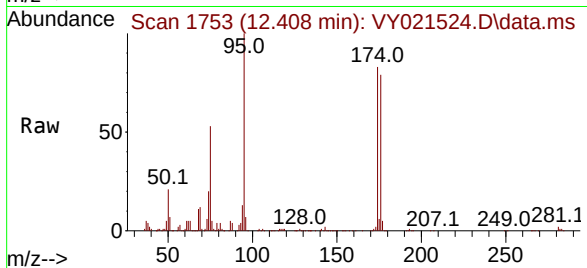
Tgt Ion: 95 Resp: 152150

Ion Ratio Lower Upper

95 100

174 82.6 0.0 165.0

176 78.9 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021524.D

Acq: 13 Mar 2025 14:44

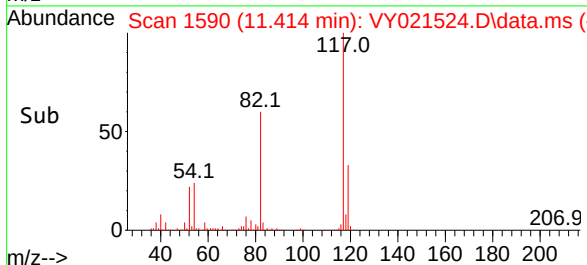
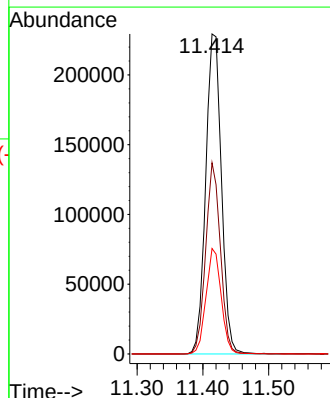
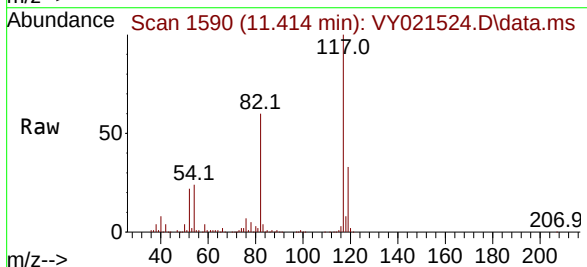
Tgt Ion: 117 Resp: 381081

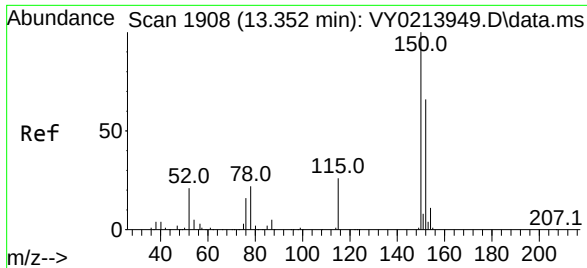
Ion Ratio Lower Upper

117 100

82 59.7 44.6 67.0

119 33.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021524.D

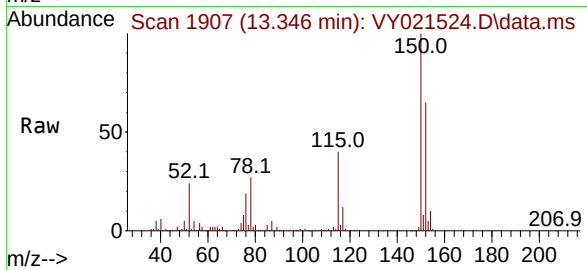
Acq: 13 Mar 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

NB-418-JB-VOC-01



Tgt Ion:152 Resp: 140462

Ion Ratio Lower Upper

152 100

115 59.7 29.0 87.0

150 156.2 0.0 347.2

