

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)

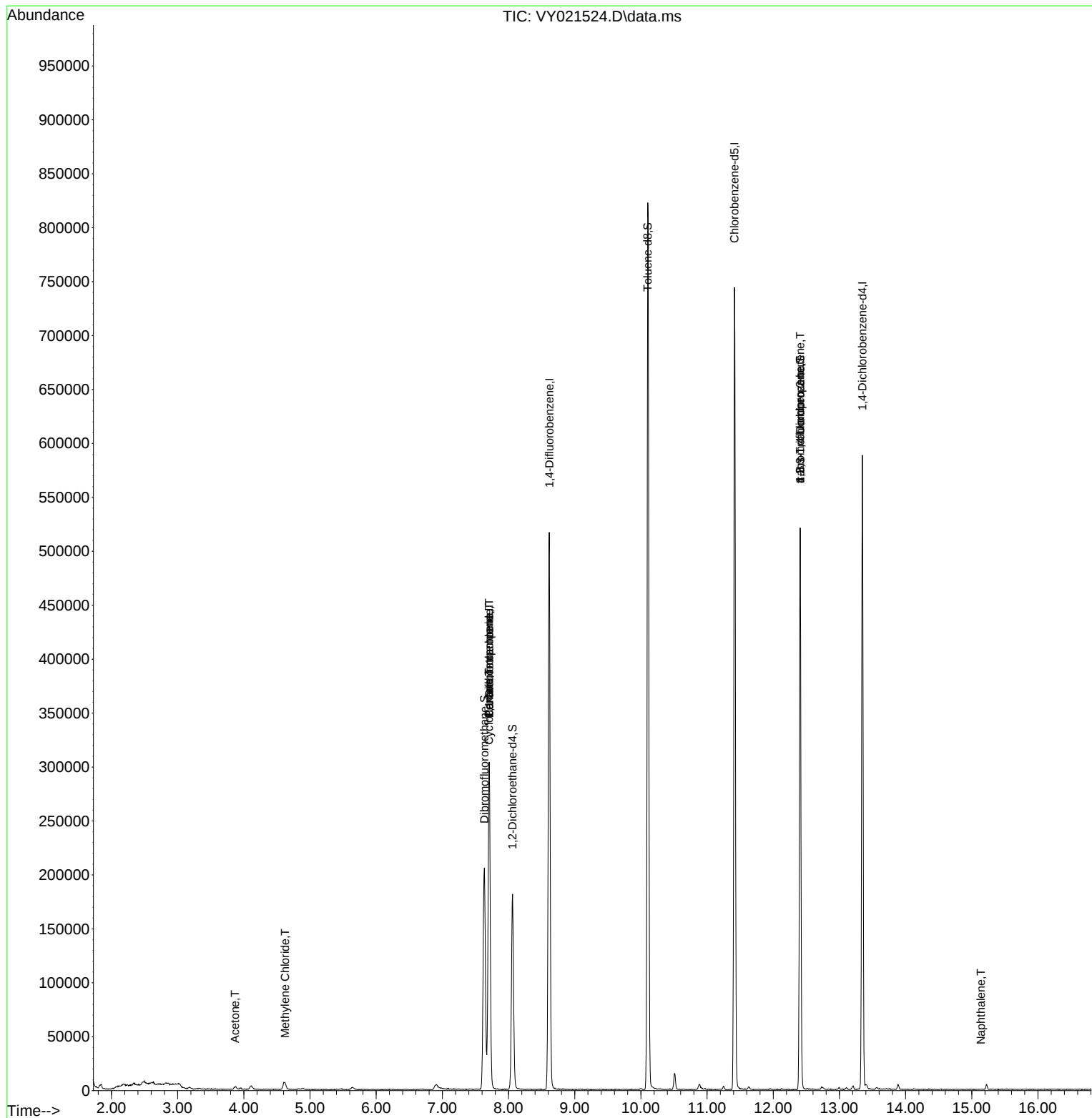
Internal Standards						
1) Pentafluorobenzene	7.707	168	222443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	426138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	381081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	140462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
					Qvalue	
11) Tert butyl alcohol	4.842	59	420	Below Cal		96
16) Acetone	3.866	43	4554	8.881	ug/l	92
20) Methylene Chloride	4.622	84	4688	1.742	ug/l #	80
31) Cyclohexane	7.701	56	5476	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	18513	4.222	ug/l #	51
38) Carbon Tetrachloride	7.707	117	22970	4.555	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	81015	57.238	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	81015	130.119	ug/l #	9
95) Naphthalene	15.139	128	378	1.548	ug/l #	69

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

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NB-418-JB-VOC-01

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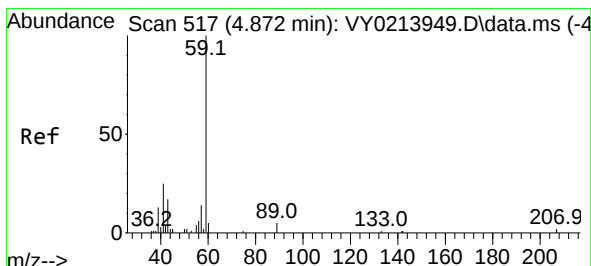
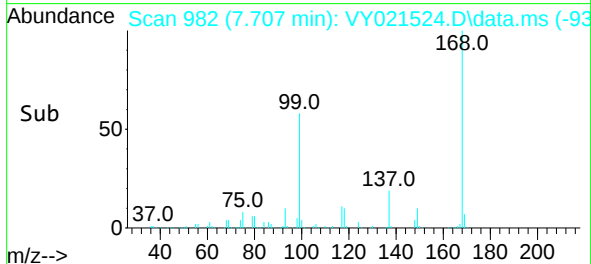
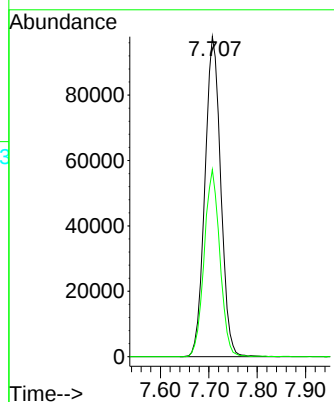
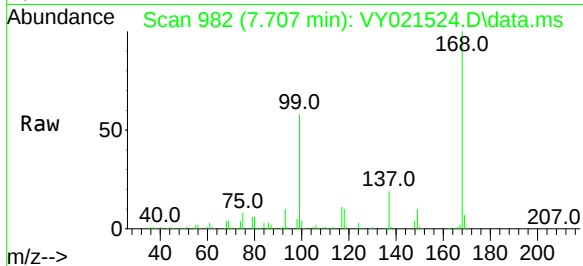




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

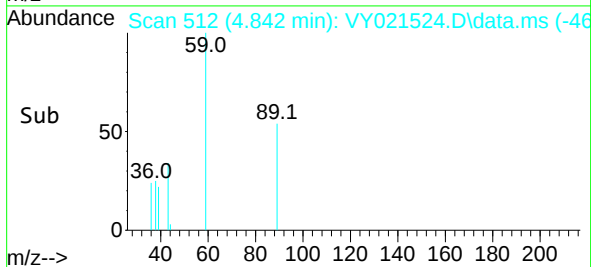
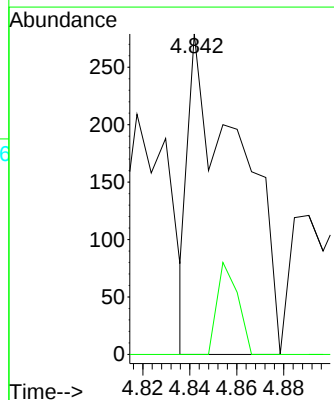
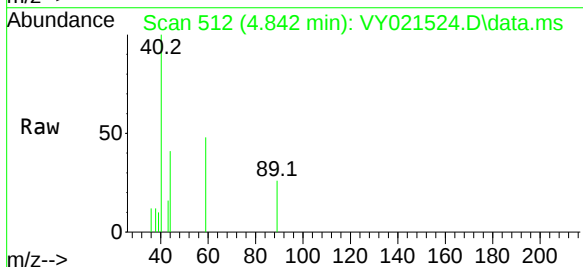
Instrument :
MSVOA_Y
ClientSampleId :
NB-418-JB-VOC-01

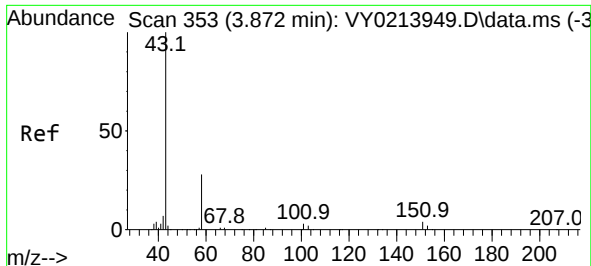
Tgt Ion:168 Resp: 222443
Ion Ratio Lower Upper
168 100
99 58.4 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4

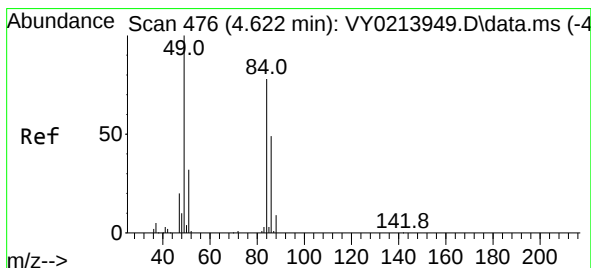
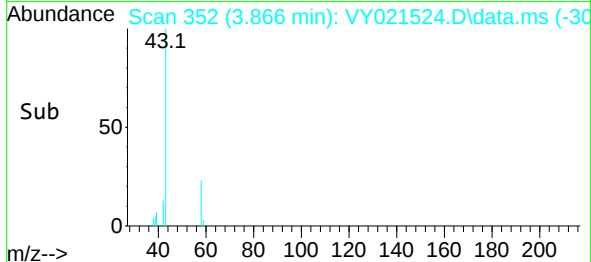
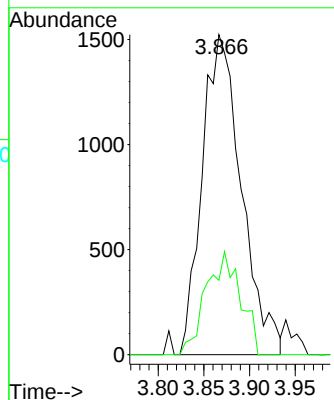
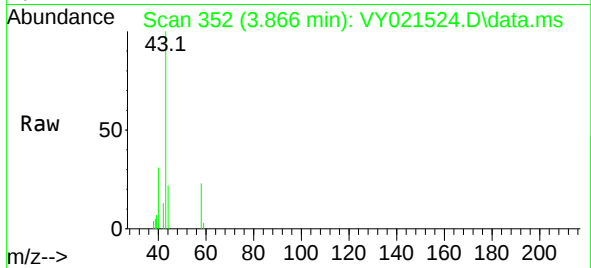




#16
Acetone
Concen: 8.881 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

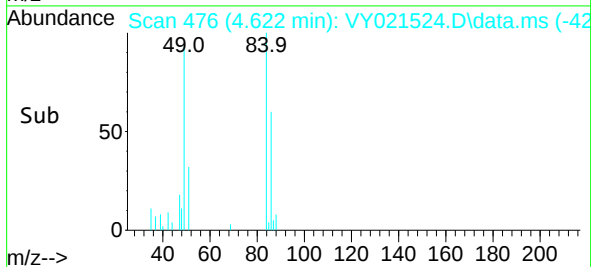
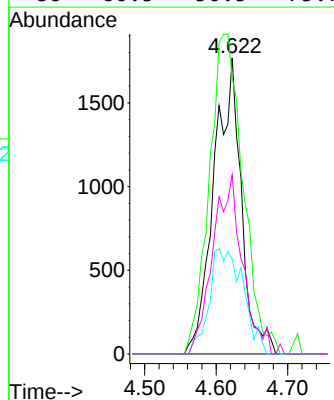
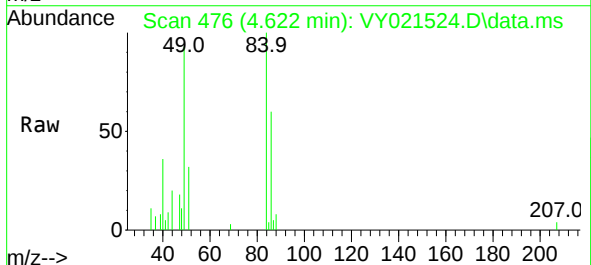
Instrument :
MSVOA_Y
ClientSampleId :
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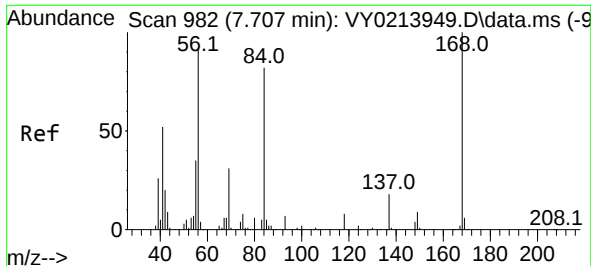
Tgt Ion: 43 Resp: 4554
Ion Ratio Lower Upper
43 100
58 23.2 22.1 33.1



#20
Methylene Chloride
Concen: 1.742 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

Tgt Ion: 84 Resp: 4688
Ion Ratio Lower Upper
84 100
49 93.3 102.0 153.0#
51 32.1 33.0 49.6#
86 60.5 50.5 75.7

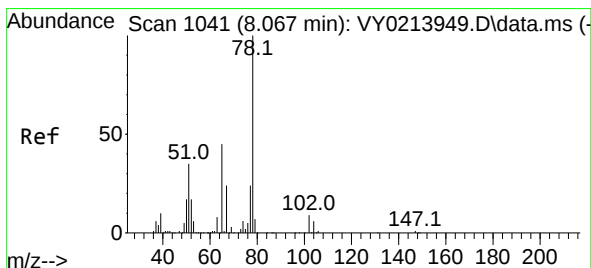
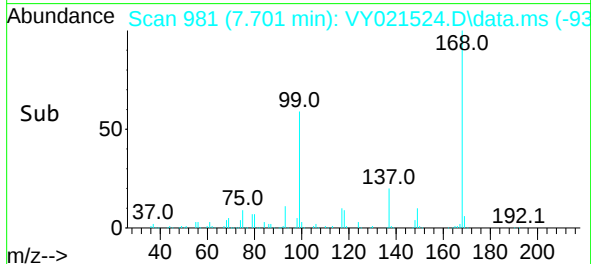
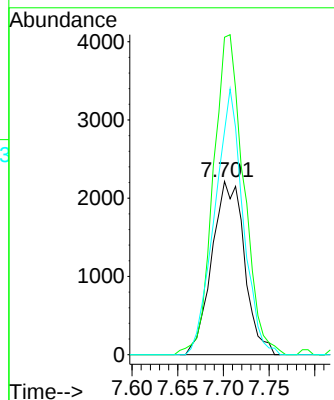
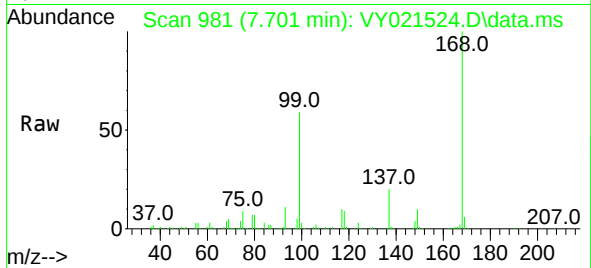




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

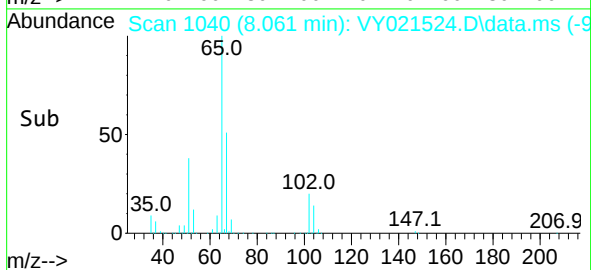
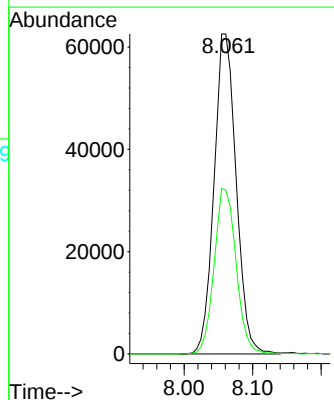
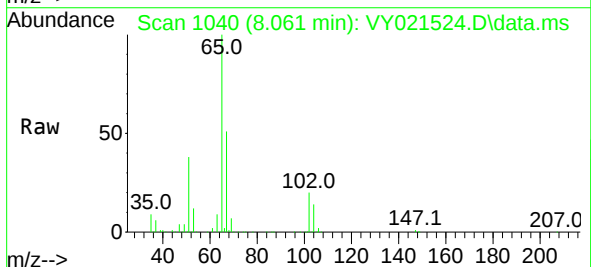
Instrument :
MSVOA_Y
ClientSampleId :
NB-418-JB-VOC-01

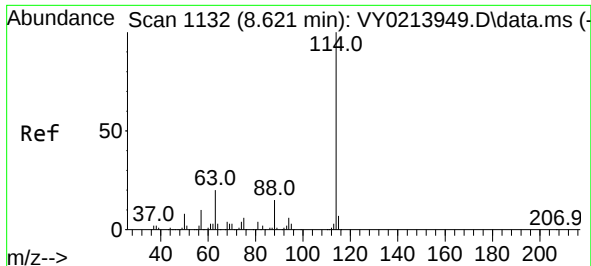
Tgt Ion: 56 Resp: 5476
Ion Ratio Lower Upper
56 100
69 180.9 27.0 40.4#
84 129.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 59.579 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

Tgt Ion: 65 Resp: 140076
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.8

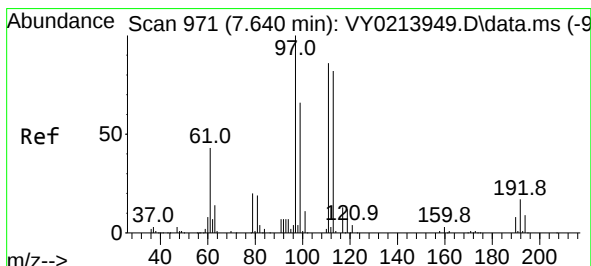
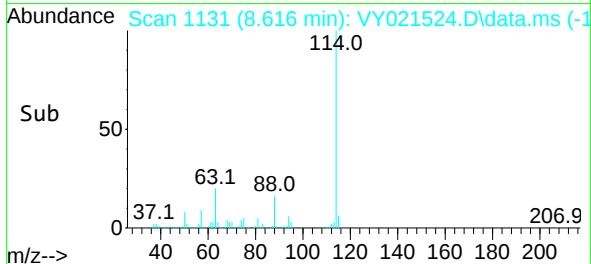
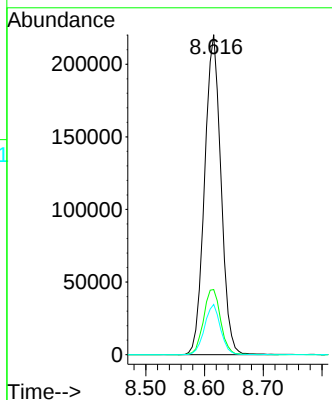
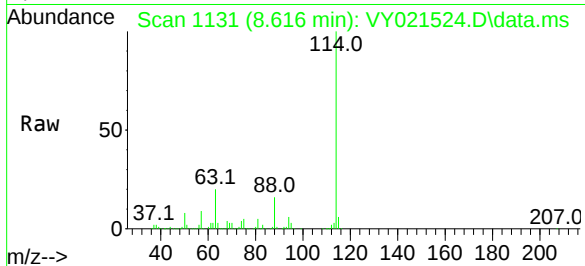




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

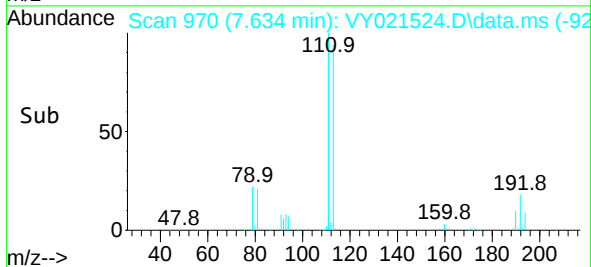
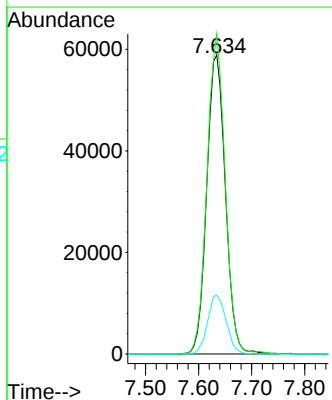
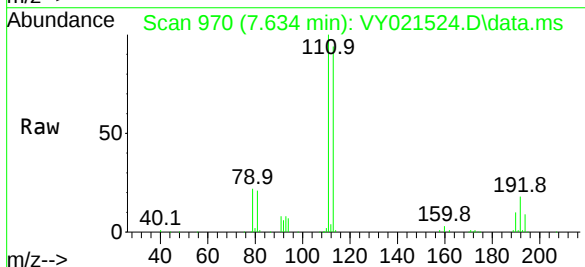
Instrument :
MSVOA_Y
ClientSampleId :
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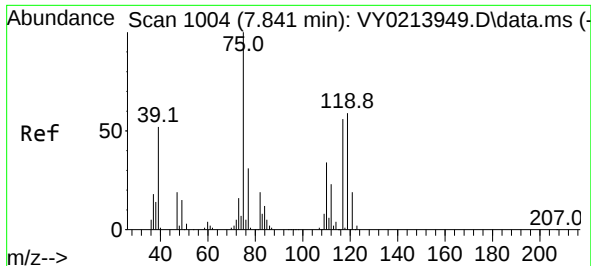
Tgt Ion:114 Resp: 426138
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.464 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

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

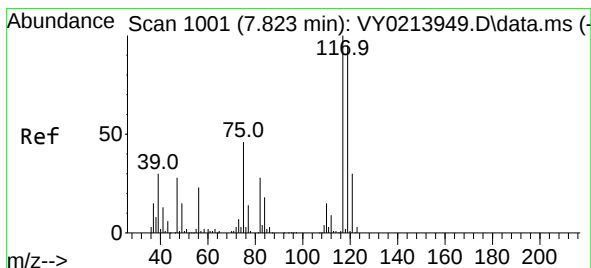
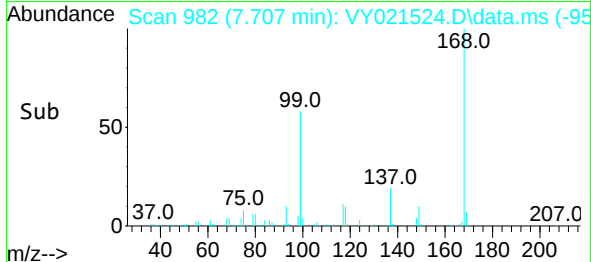
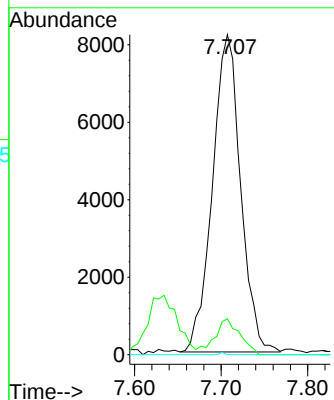
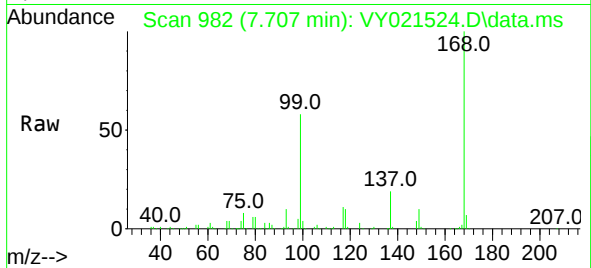




#36
1,1-Dichloropropene
Concen: 4.222 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

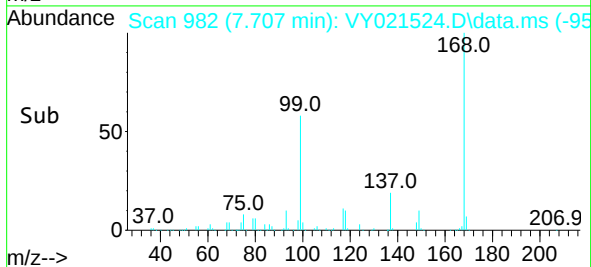
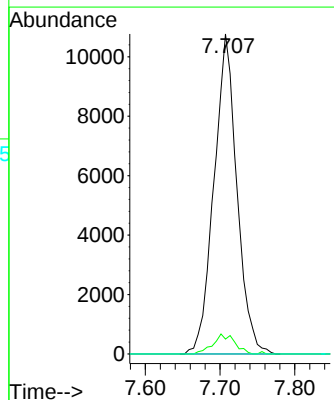
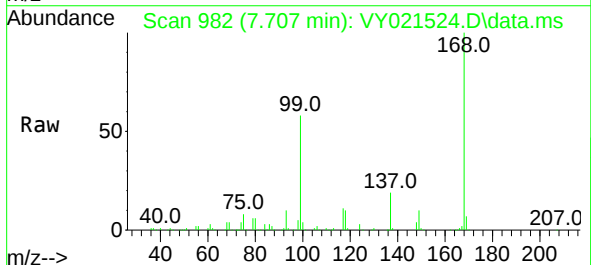
Instrument :
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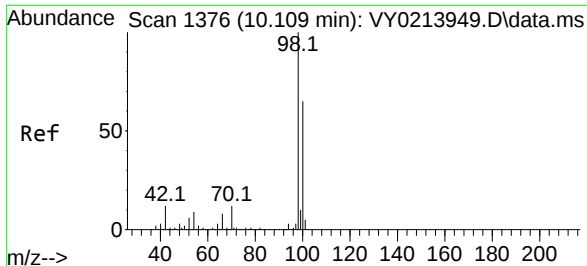
Tgt Ion: 75 Resp: 18513
Ion Ratio Lower Upper
75 100
110 10.2 17.3 51.7#
77 0.1 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.555 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

Tgt Ion: 117 Resp: 22970
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 23.9 35.9#

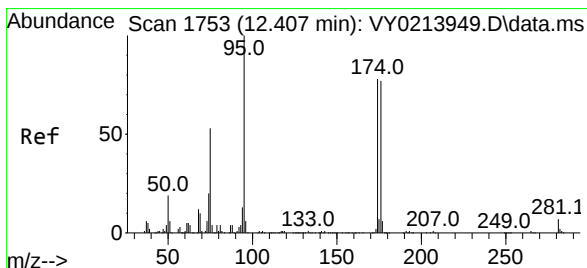
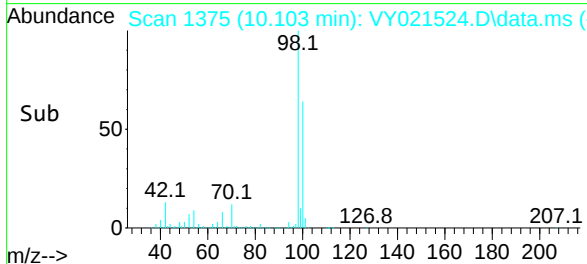
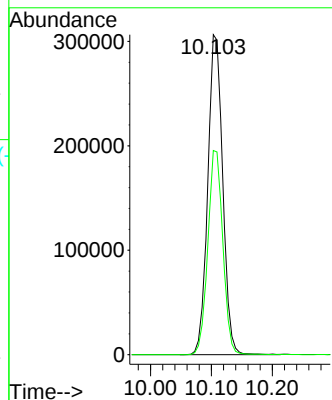
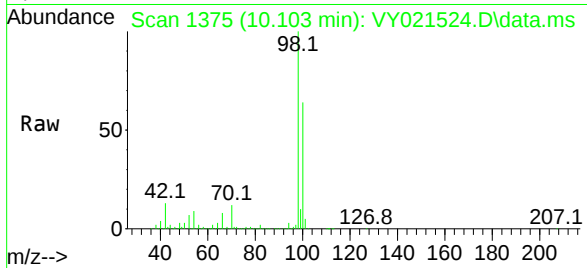




#50
Toluene-d8
Concen: 49.297 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

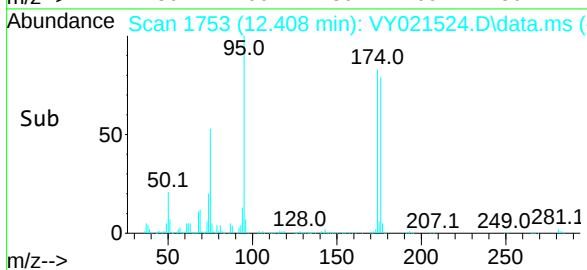
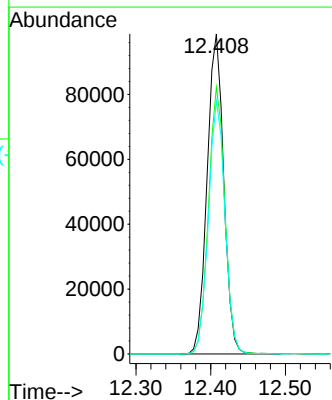
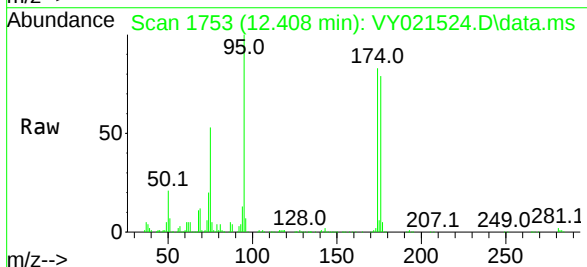
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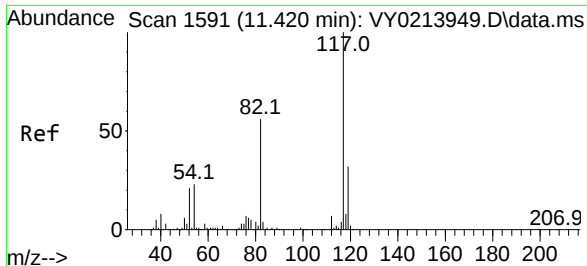
Tgt Ion: 98 Resp: 522834
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.174 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

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

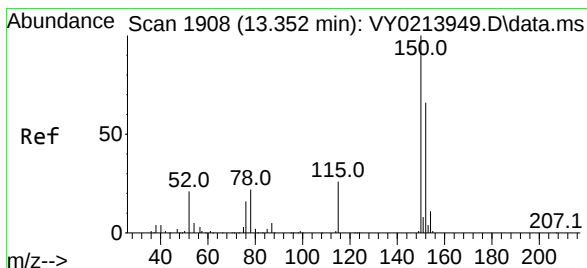
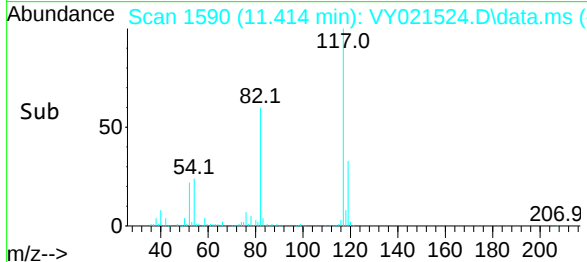
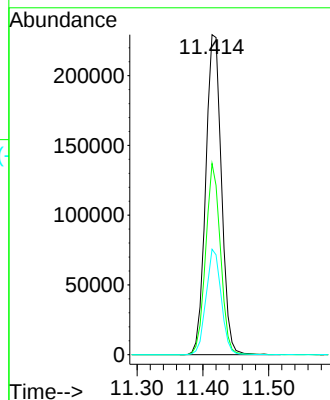
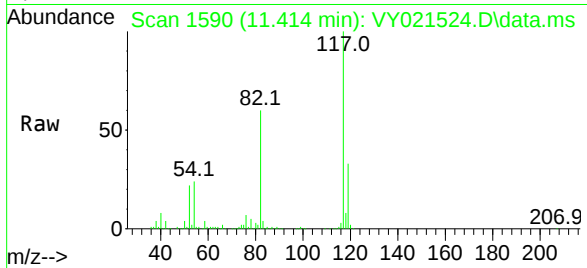




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

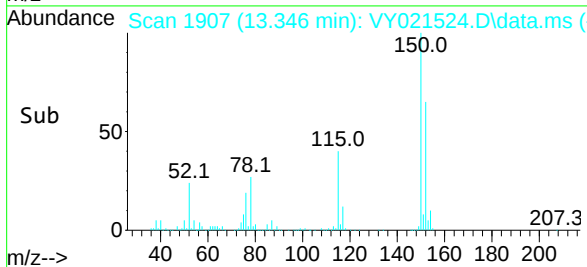
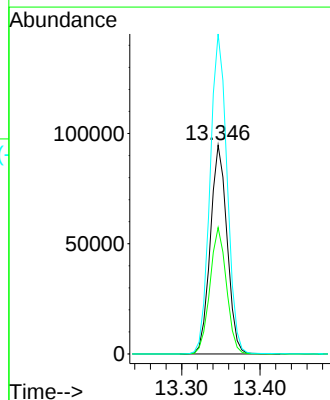
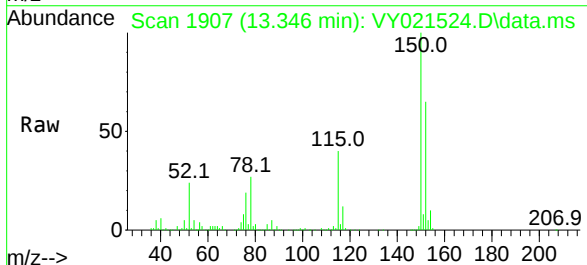
Instrument :
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NB-418-JB-VOC-01

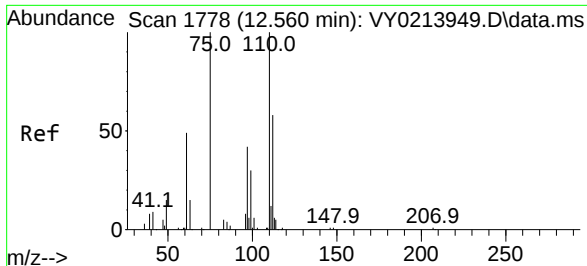
Tgt Ion:117 Resp: 381081
Ion Ratio Lower Upper
117 100
82 59.7 44.6 67.0
119 33.0 25.4 38.0



#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

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

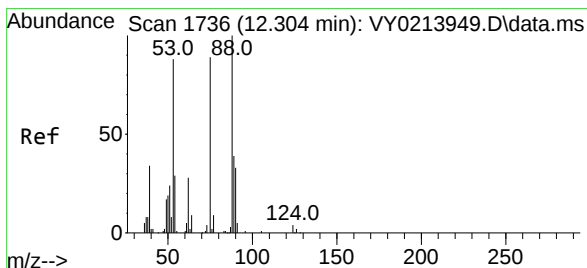
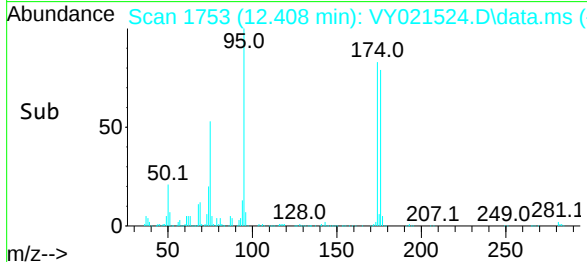
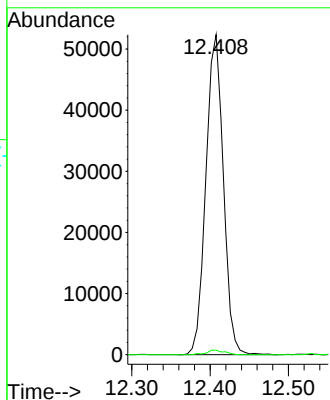
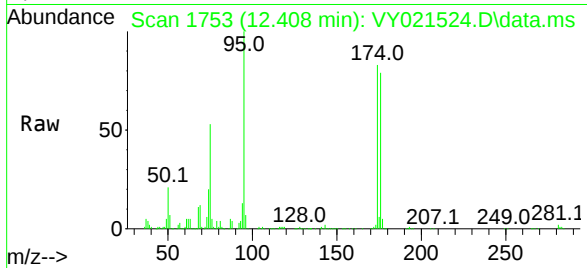




#76
1,2,3-Trichloropropane
Concen: 57.238 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

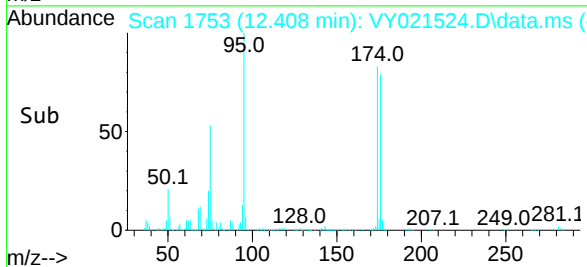
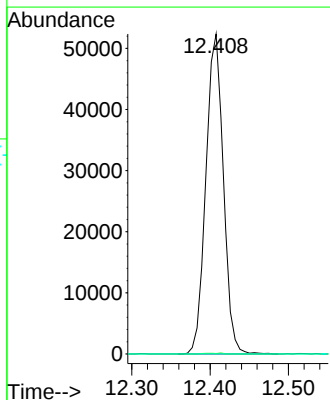
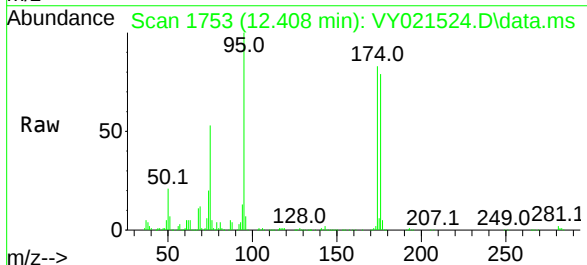
Instrument :
MSVOA_Y
ClientSampleId :
NB-418-JB-VOC-01

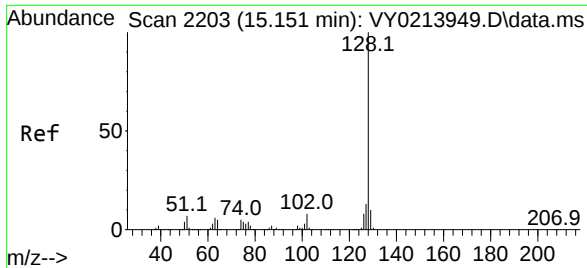
Tgt Ion: 75 Resp: 81015
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.119 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021524.D
Acq: 13 Mar 2025 14:44

Tgt Ion: 75 Resp: 81015
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 1.548 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.012 min

Lab File: VY021524.D

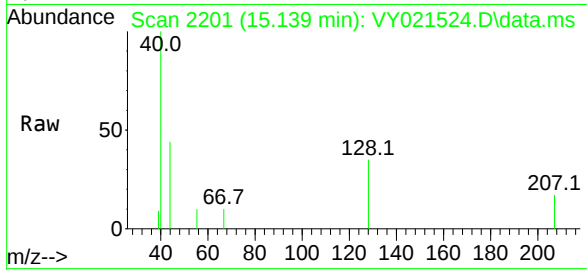
Acq: 13 Mar 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

NB-418-JB-VOC-01



Tgt Ion:128 Resp: 378

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

