

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012428.D
 Acq On : 31 Jan 2023 18:19
 Operator : KP/MD
 Sample : 01366-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-013023

Quant Time: Feb 01 01:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

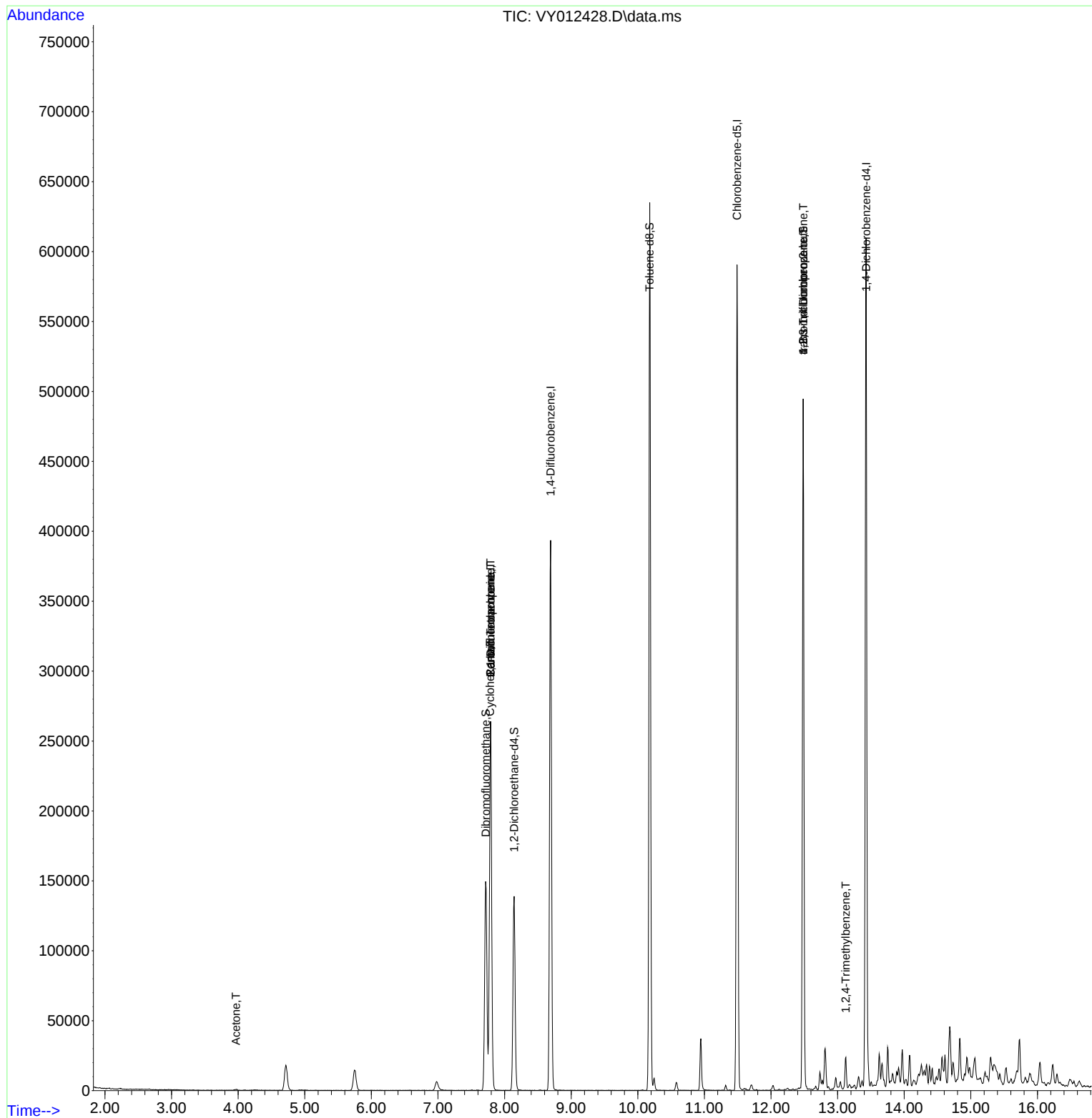
Internal Standards						
1) Pentafluorobenzene	7.789	168	211994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114633	66.537	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 133.080%		
35) Dibromofluoromethane	7.716	113	104912	55.835	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.680%		
50) Toluene-d8	10.179	98	422185	66.258	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 132.520%		
62) 4-Bromofluorobenzene	12.483	95	143229	54.074	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	158	Below Cal	#	74
16) Acetone	3.966	43	1272	2.155	ug/l	97
20) Methylene Chloride	4.716	84	14620	Below Cal	#	84
31) Cyclohexane	7.783	56	3656	1.183	ug/l	# 8
36) 1,1-Dichloropropene	7.789	75	14183	4.441	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	20029	4.856	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	74381	49.273	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	74381	101.525	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.123	105	12739	1.255	ug/l	100

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

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Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-013023

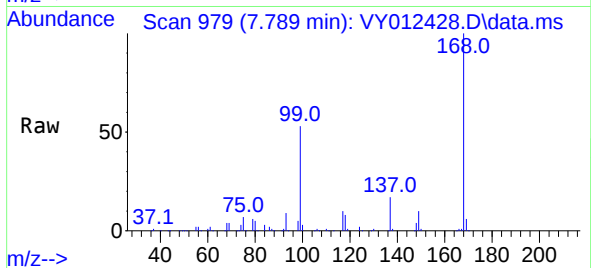
Quant Time: Feb 01 01:26:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



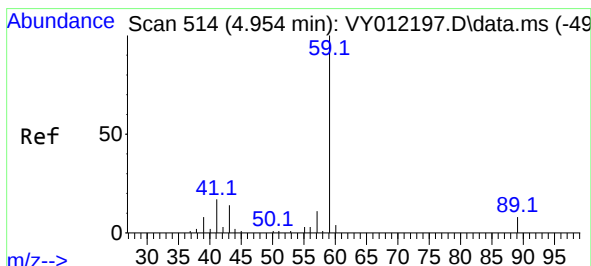
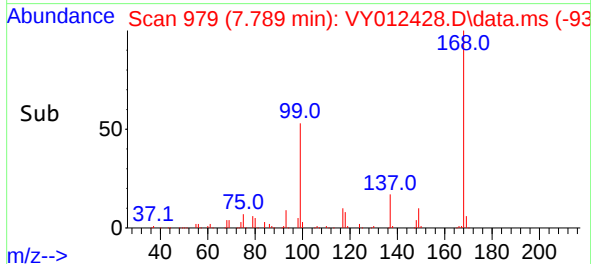
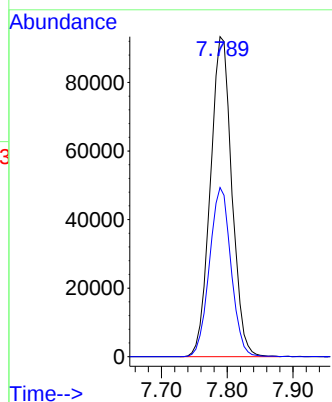


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-013023

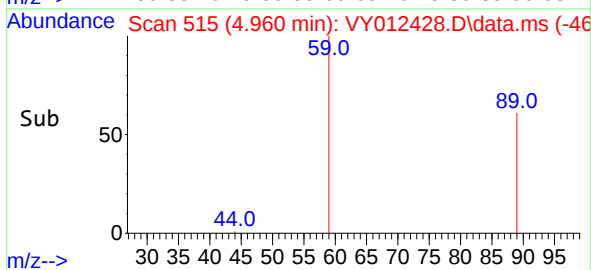
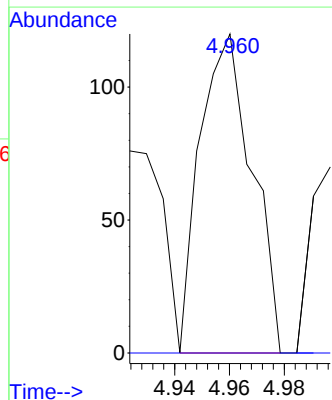
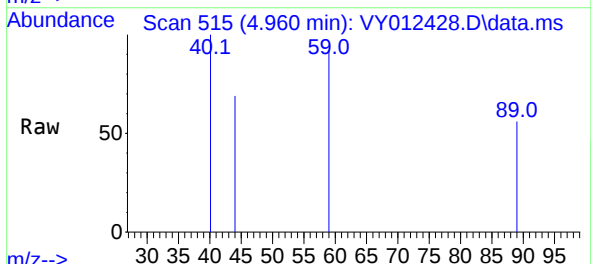


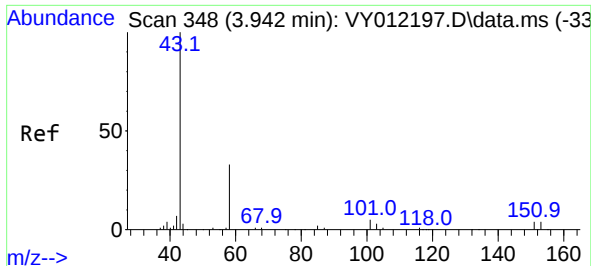
Tgt Ion:168 Resp: 211994
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

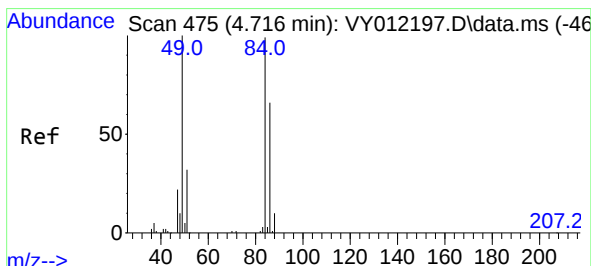
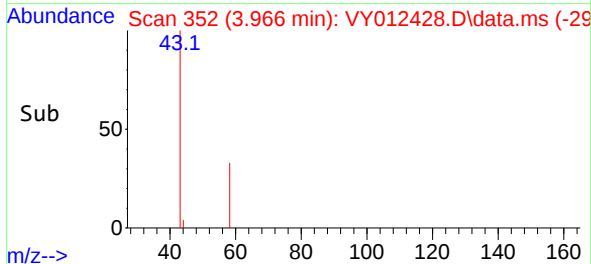
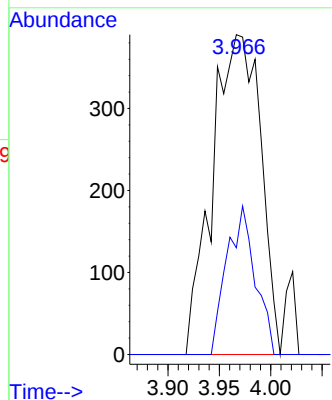
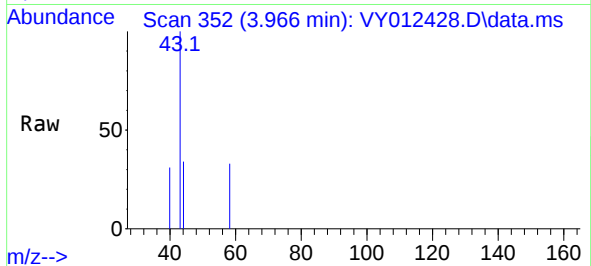




#16
Acetone
Concen: 2.155 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

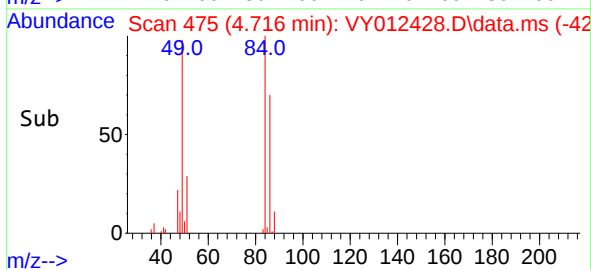
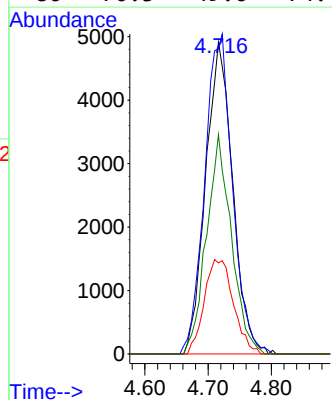
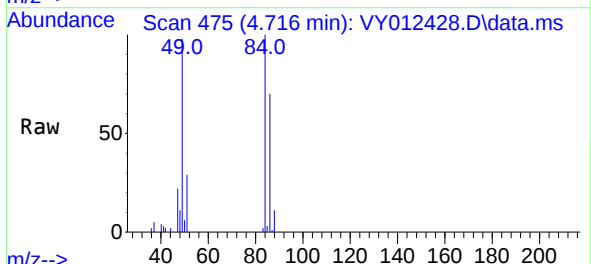
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-013023

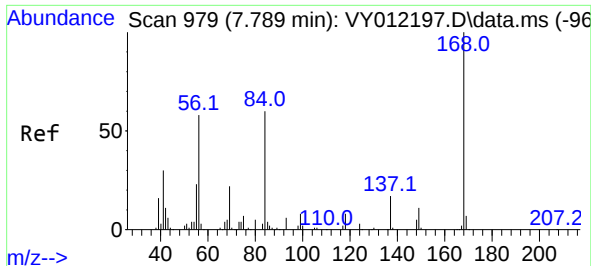
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

Tgt Ion: 84 Resp: 14620
Ion Ratio Lower Upper
84 100
49 97.9 95.4 143.2
51 29.2 29.9 44.9#
86 70.3 49.6 74.4

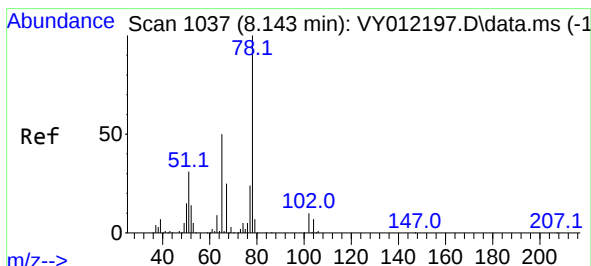
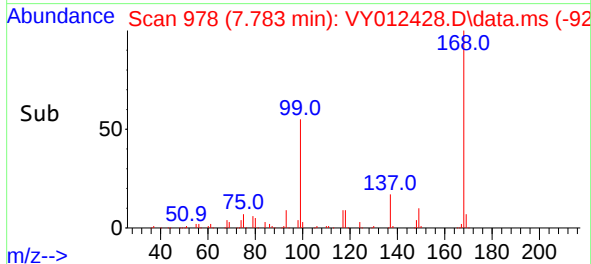
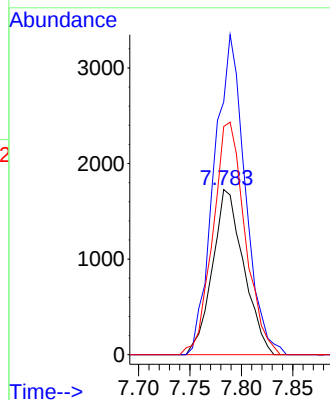
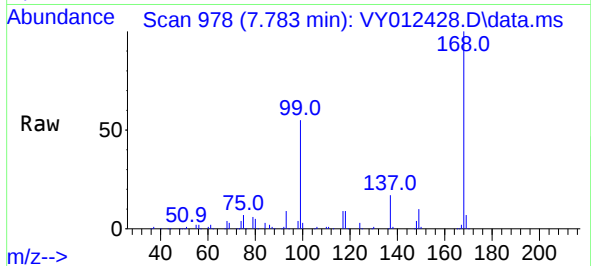




#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

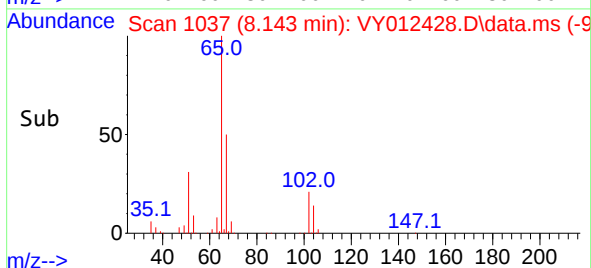
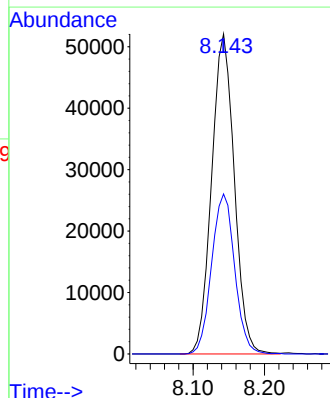
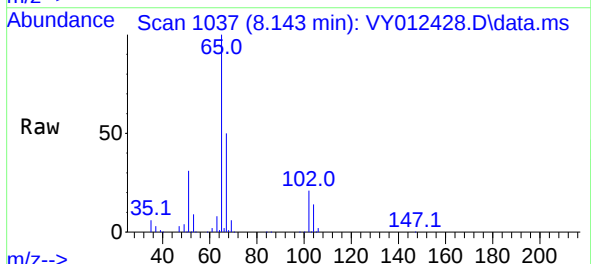
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-013023

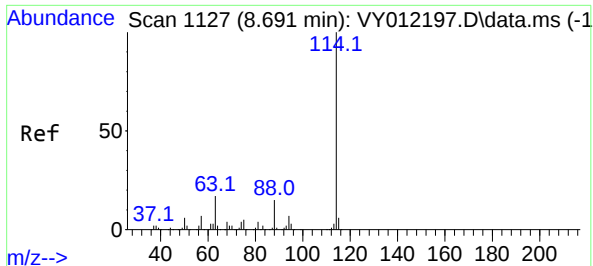
Tgt Ion: 56 Resp: 3656
Ion Ratio Lower Upper
56 100
69 153.1 29.2 43.8#
84 138.1 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 66.537 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

Tgt Ion: 65 Resp: 114633
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-013023

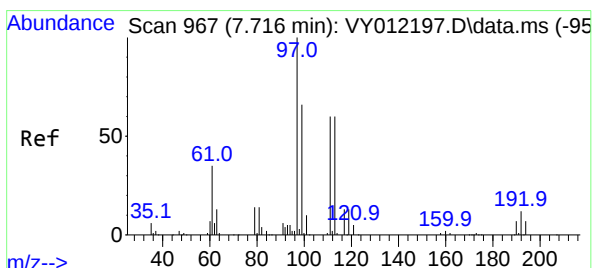
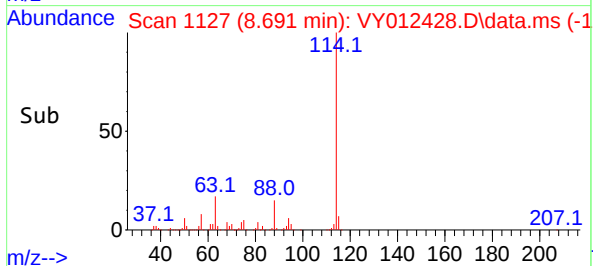
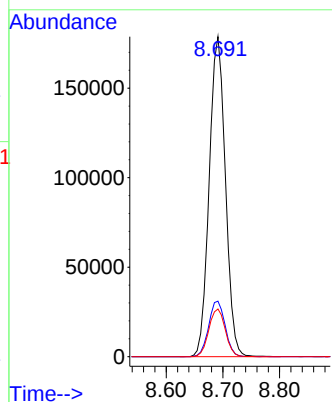
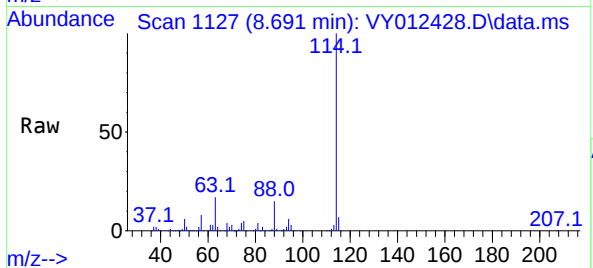
Tgt Ion:114 Resp: 354856

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.835 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

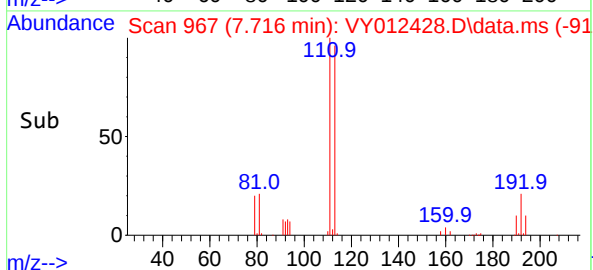
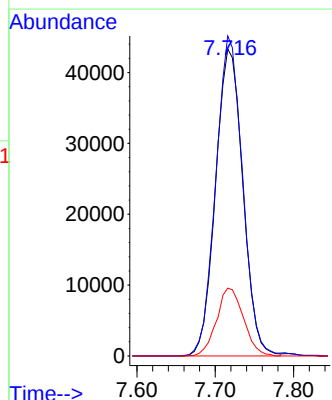
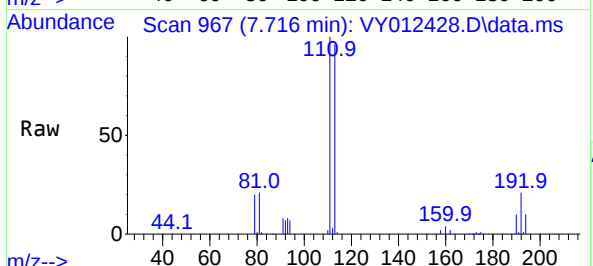
Tgt Ion:113 Resp: 104912

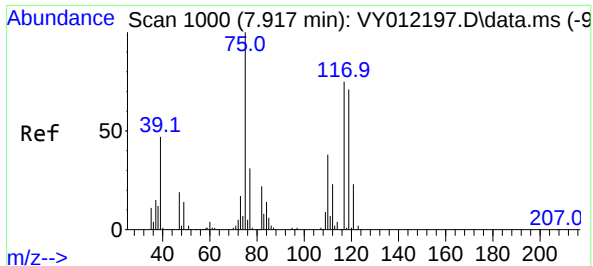
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.441 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-013023

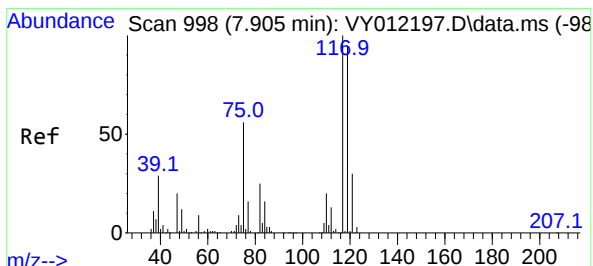
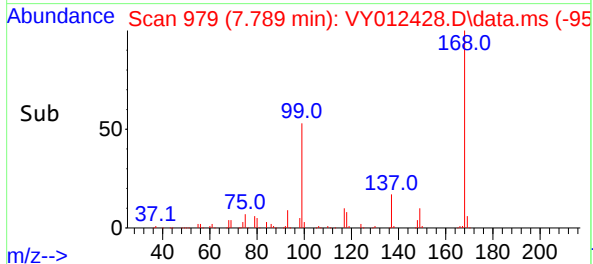
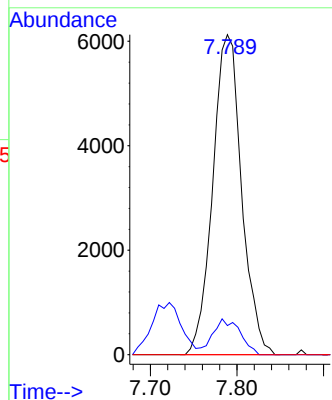
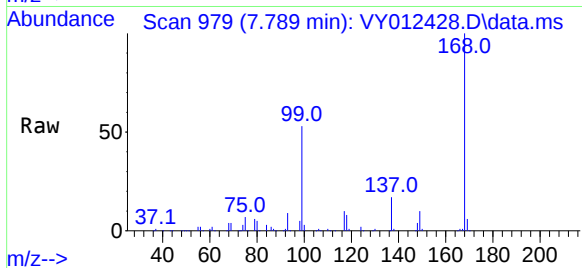
Tgt Ion: 75 Resp: 14183

Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.856 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012428.D

Acq: 31 Jan 2023 18:19

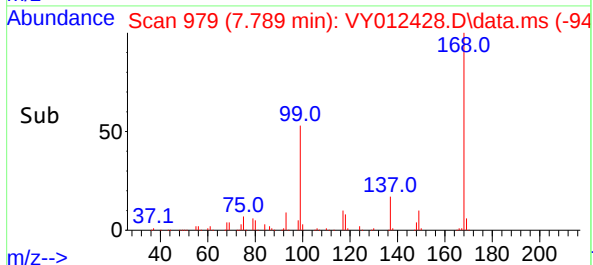
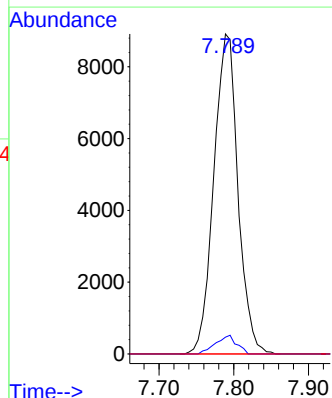
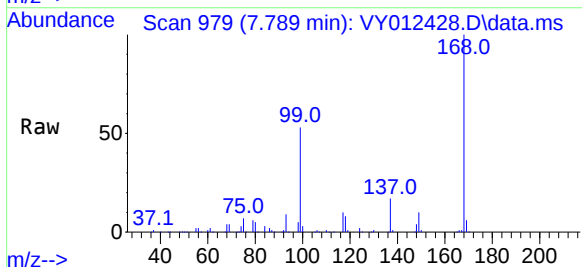
Tgt Ion: 117 Resp: 20029

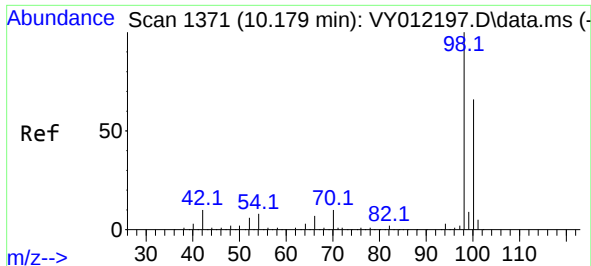
Ion Ratio Lower Upper

117 100

119 5.3 73.8 110.8#

121 0.0 25.2 37.8#

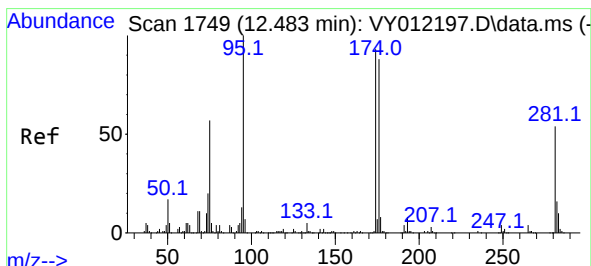
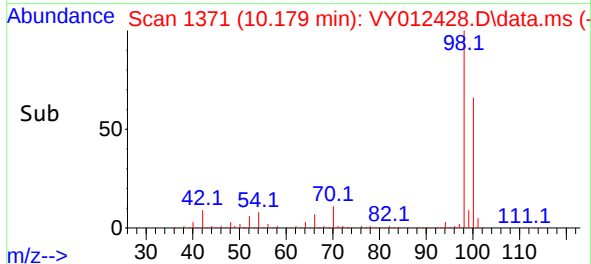
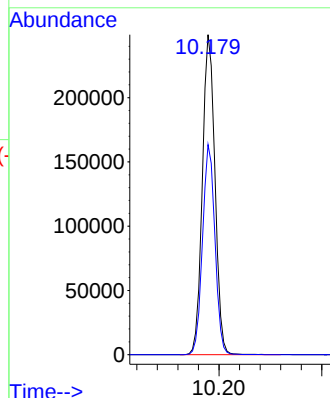
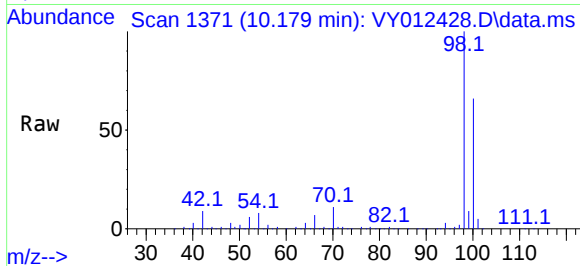




#50
Toluene-d8
Concen: 66.258 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

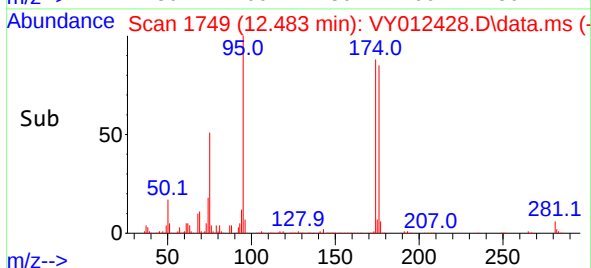
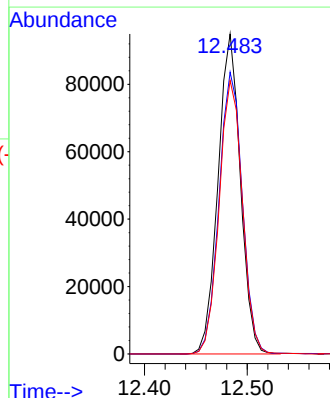
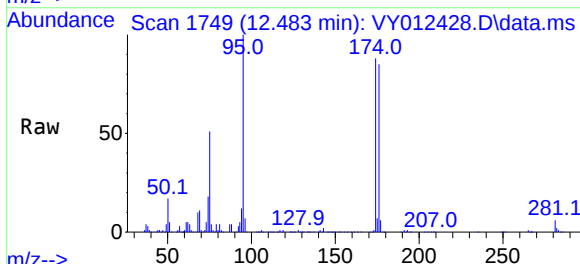
Instrument :
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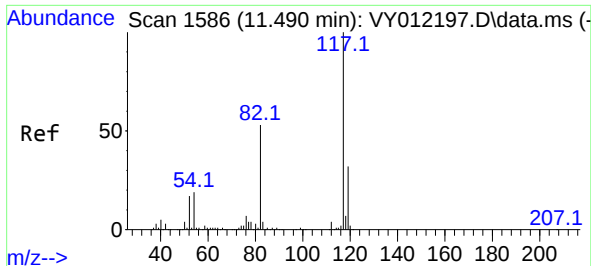
Tgt Ion: 98 Resp: 422185
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.074 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

Tgt Ion: 95 Resp: 143229
Ion Ratio Lower Upper
95 100
174 91.8 0.0 172.0
176 88.8 0.0 167.6

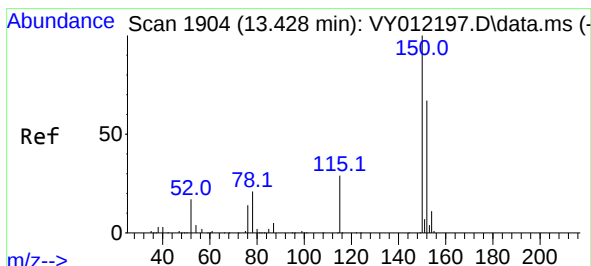
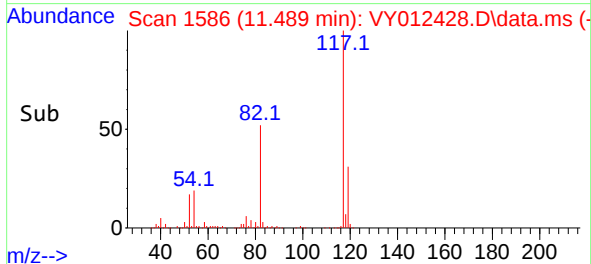
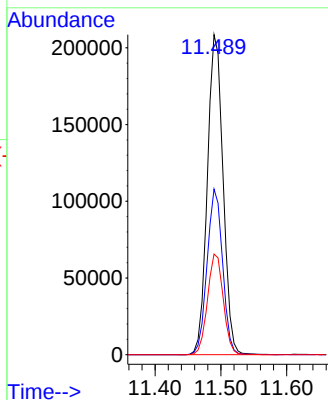
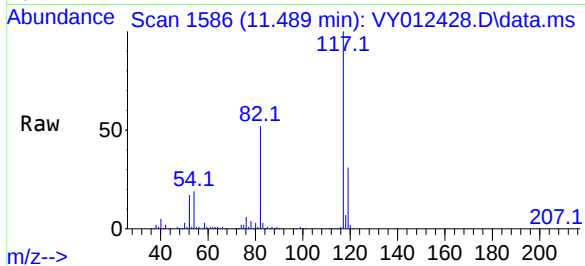




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

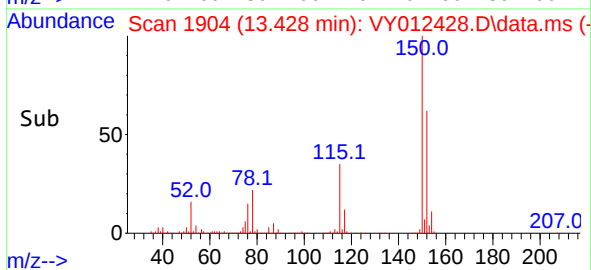
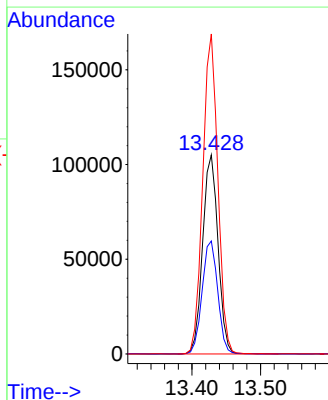
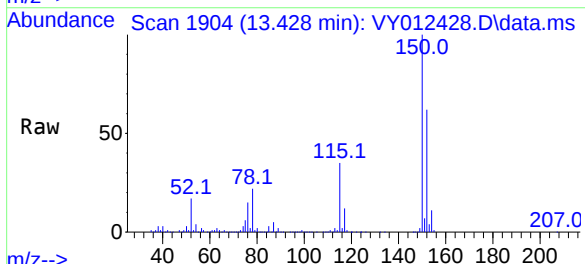
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-013023

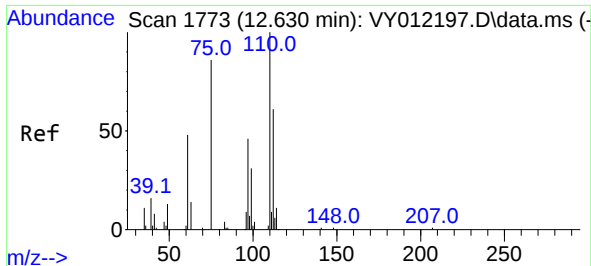
Tgt Ion:117 Resp: 346252
Ion Ratio Lower Upper
117 100
82 51.8 44.8 67.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

Tgt Ion:152 Resp: 164165
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.6 0.0 342.6

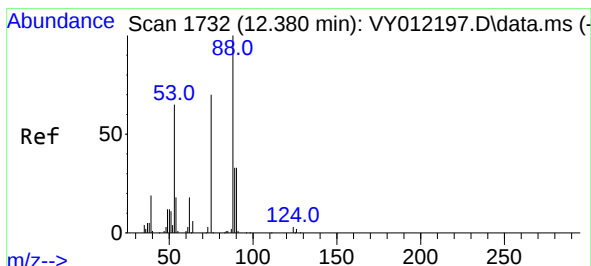
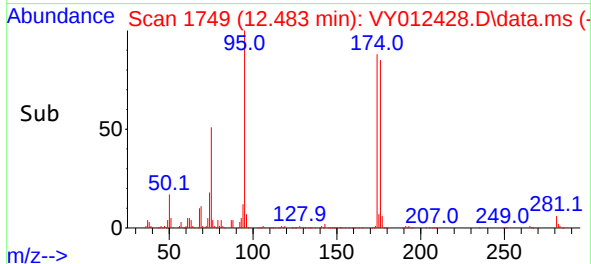
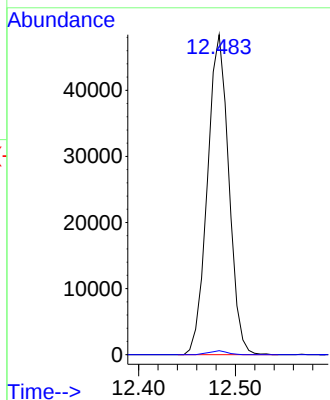
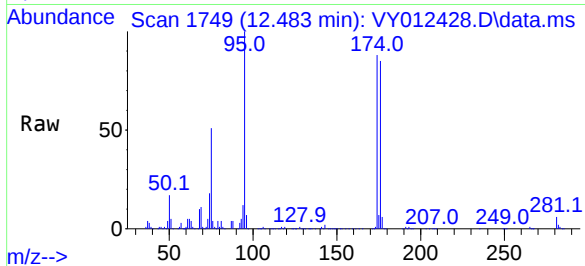




#76
1,2,3-Trichloropropane
Concen: 49.273 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

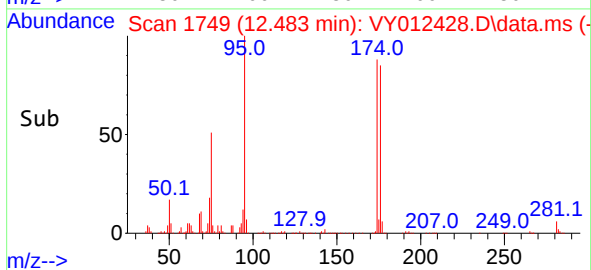
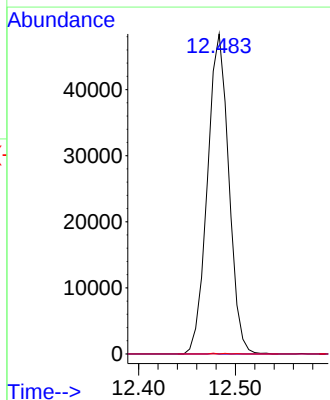
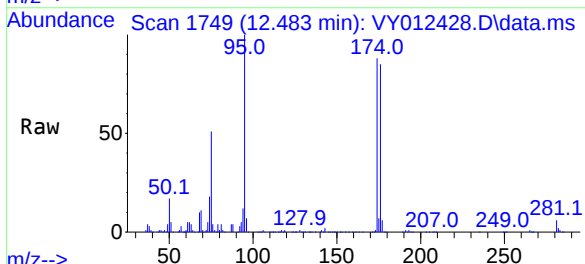
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-013023

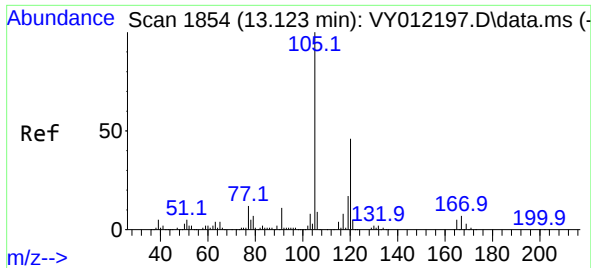
Tgt Ion: 75 Resp: 74381
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012428.D
Acq: 31 Jan 2023 18:19

Tgt Ion: 75 Resp: 74381
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#





#84

1,2,4-Trimethylbenzene

Concen: 1.255 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012428.D

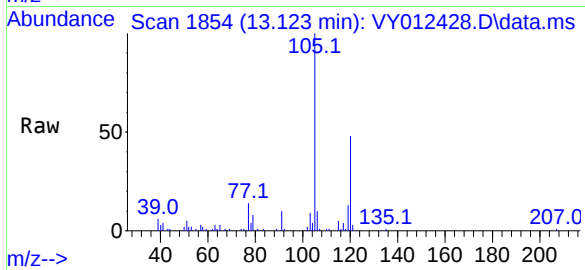
Acq: 31 Jan 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-013023



Tgt Ion:105 Resp: 12739

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.7

