

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018000.D
 Acq On : 19 Apr 2024 15:46
 Operator : SY/MD
 Sample : P2196-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041824

Quant Time: Apr 19 23:25:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

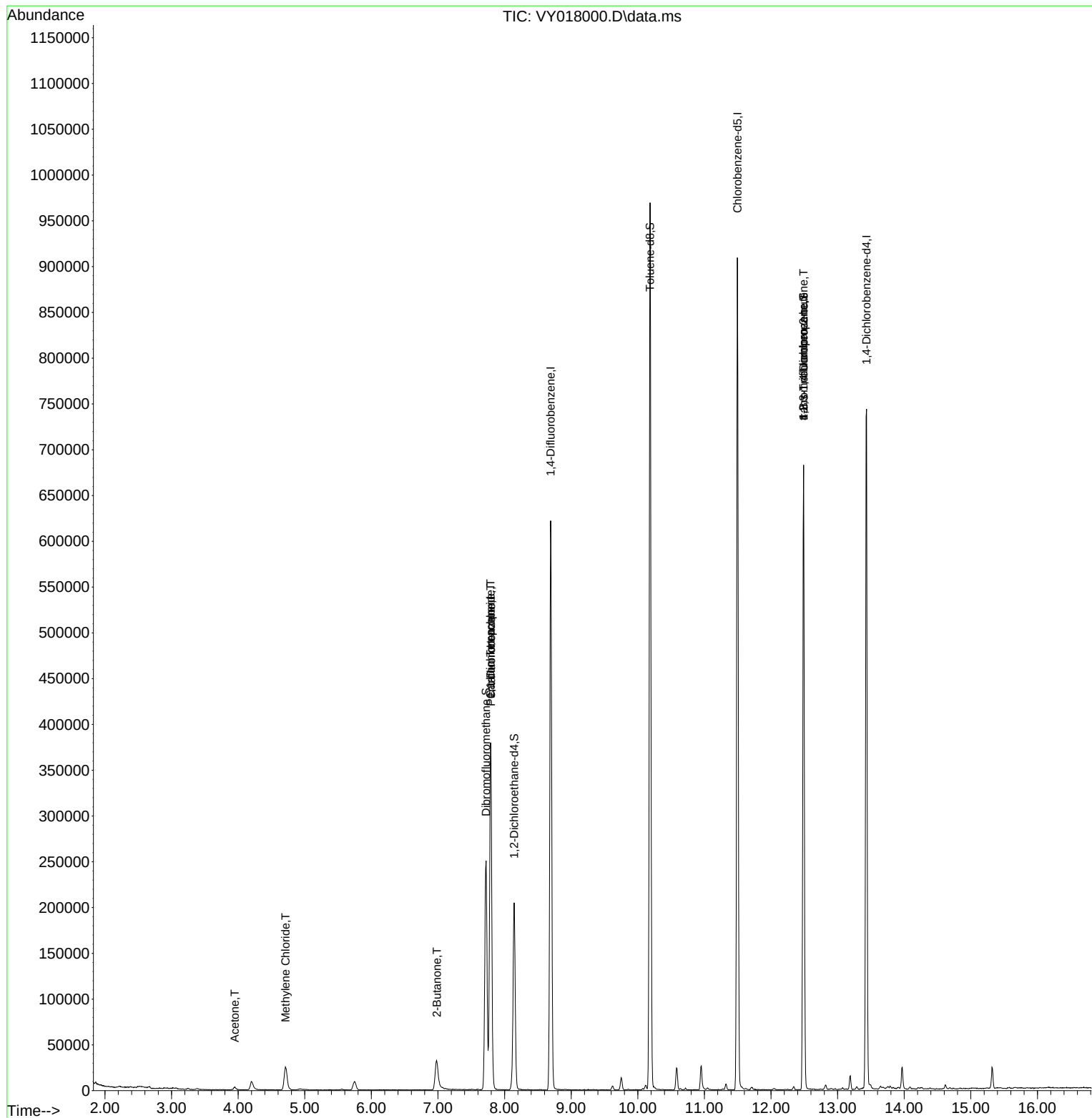
Internal Standards						
1) Pentafluorobenzene	7.795	168	334670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	573081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	537942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	217680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	149733	51.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.40%
35) Dibromofluoromethane	7.722	113	182007	51.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.96%
50) Toluene-d8	10.185	98	662499	49.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.76%
62) 4-Bromofluorobenzene	12.489	95	193322	46.53	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.06%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	1728	Below Cal	#	88
16) Acetone	3.948	43	4873	8.52	ug/l #	85
20) Methylene Chloride	4.710	84	21130	5.45	ug/l	96
25) 2-Butanone	6.984	43	1846	2.19	ug/l #	72
36) 1,1-Dichloropropene	7.789	75	22120	4.30	ug/l #	48
38) Carbon Tetrachloride	7.789	117	28081	5.41	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	91099	44.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	91099	91.95	ug/l #	16

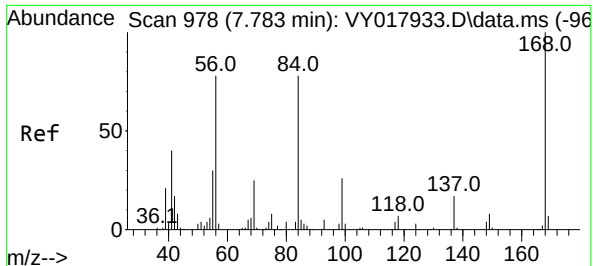
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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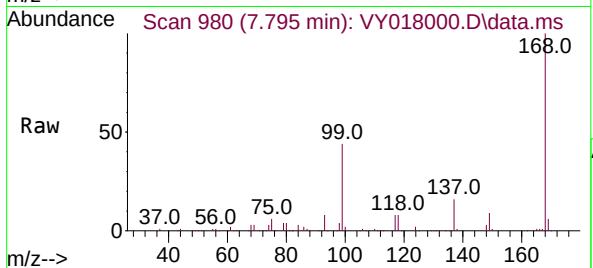
Quant Time: Apr 19 23:25:55 2024
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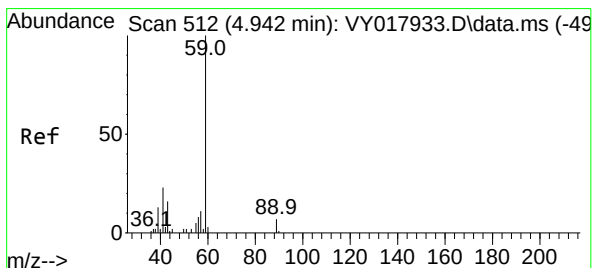
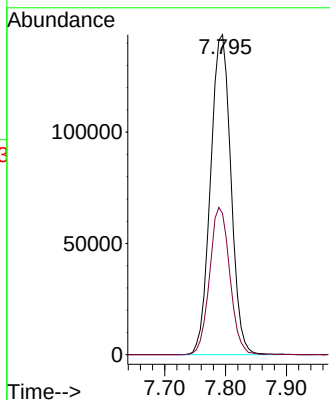
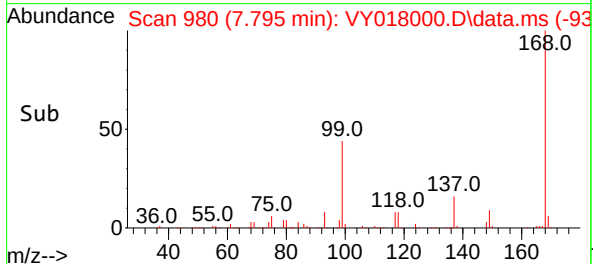


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041824

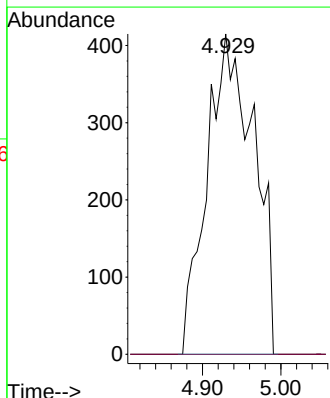
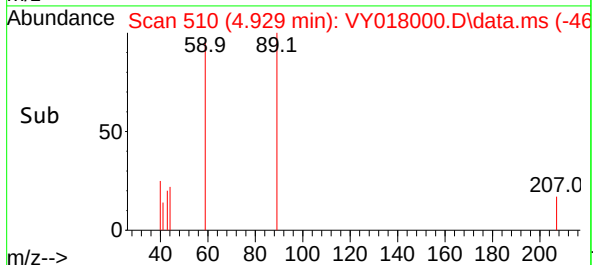
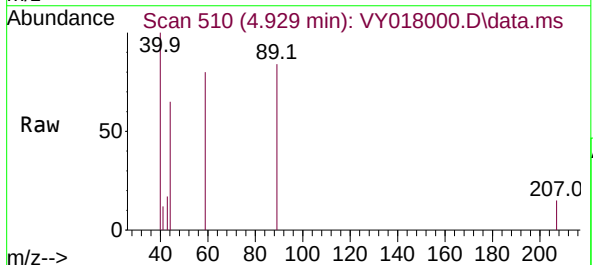


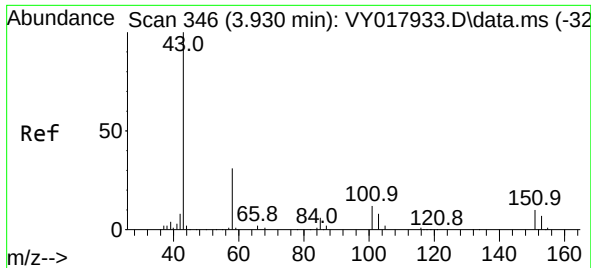
Tgt Ion:168 Resp: 334670
Ion Ratio Lower Upper
168 100
99 44.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 510
Delta R.T. -0.025 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 59 Resp: 1728
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 8.52 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

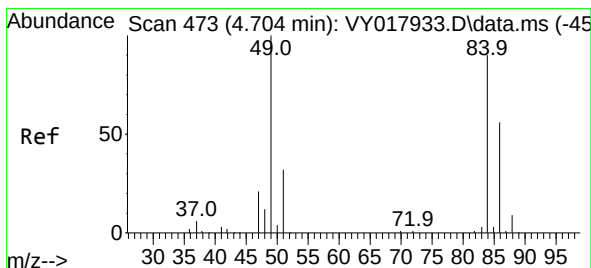
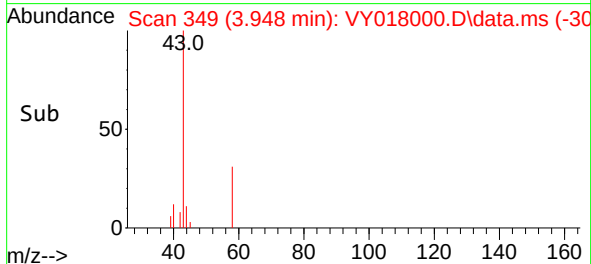
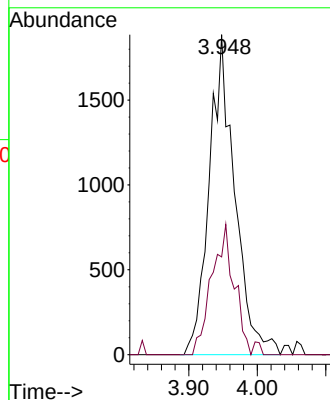
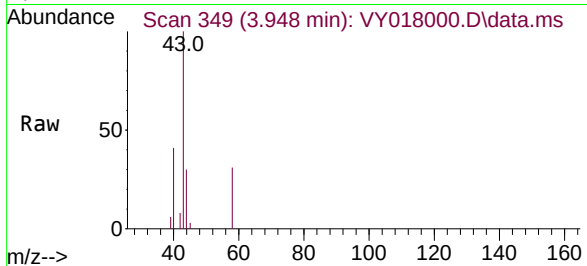
NB-07-041824

Tgt Ion: 43 Resp: 4873

Ion Ratio Lower Upper

43 100

58 30.5 31.7 47.5#



#20

Methylene Chloride

Concen: 5.45 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

Tgt Ion: 84 Resp: 21130

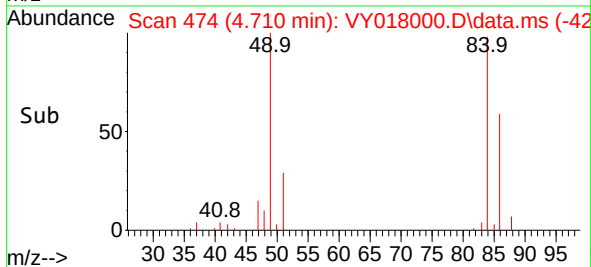
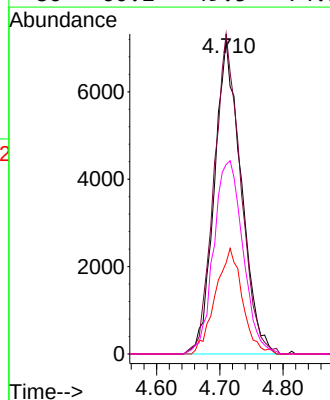
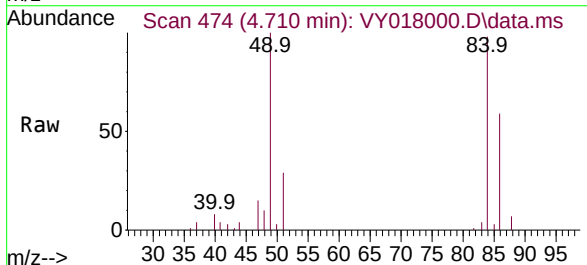
Ion Ratio Lower Upper

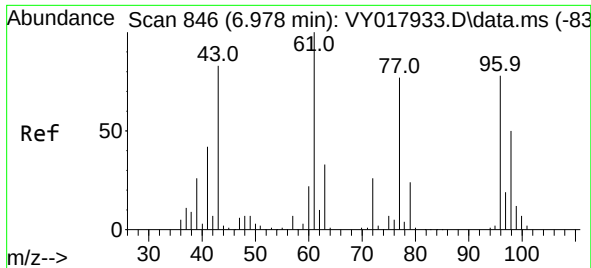
84 100

49 101.6 84.4 126.6

51 29.0 26.0 39.0

86 60.2 49.5 74.3

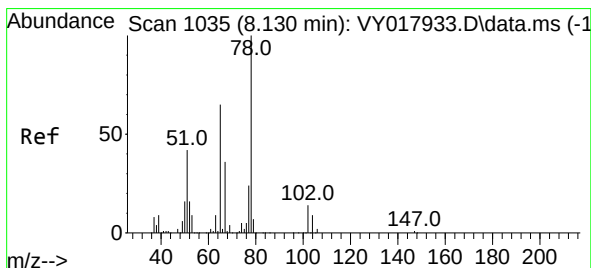
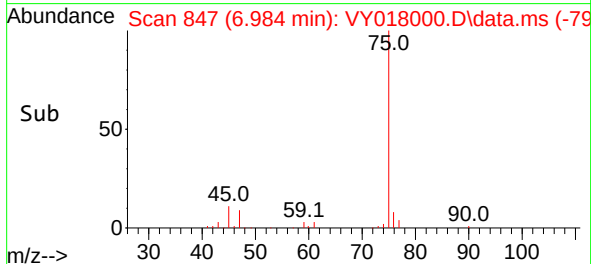
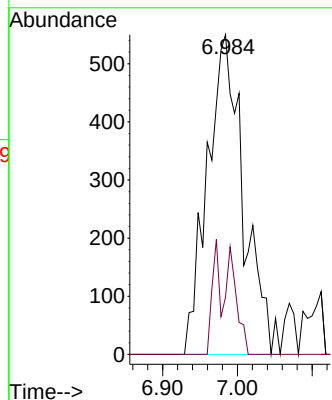
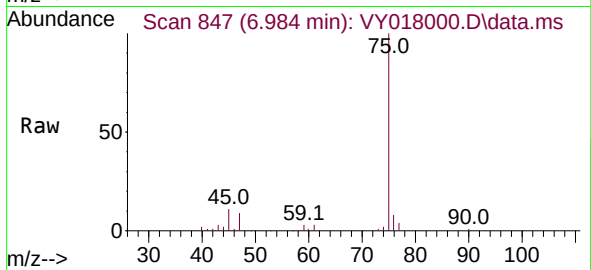




#25
2-Butanone
Concen: 2.19 ug/l
RT: 6.984 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

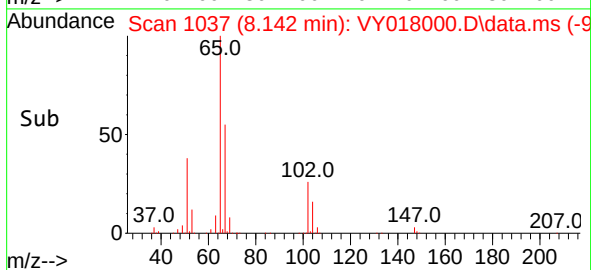
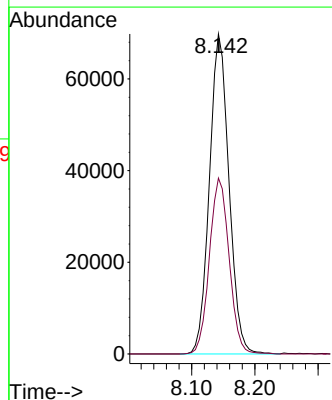
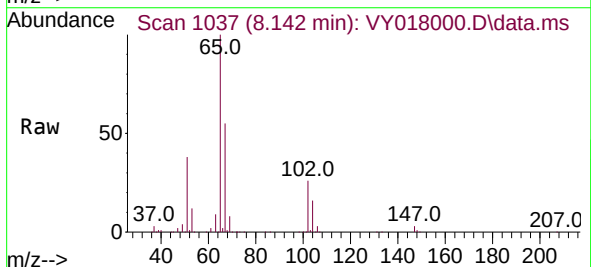
Instrument : MSVOA_Y
ClientSampleId : NB-07-041824

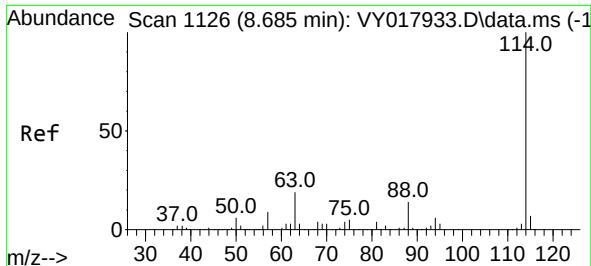
Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
72 17.8 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 51.70 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 65 Resp: 149733
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-041824

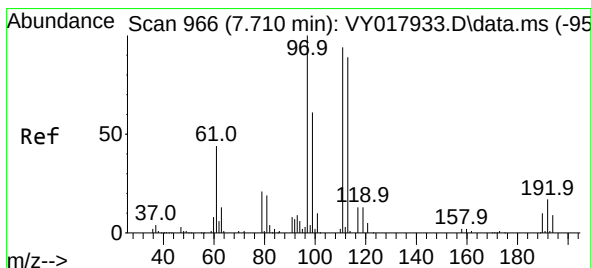
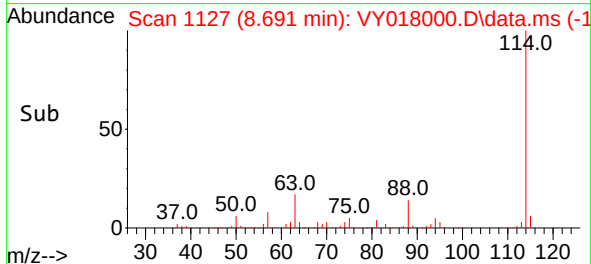
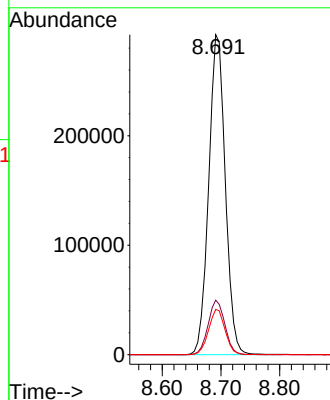
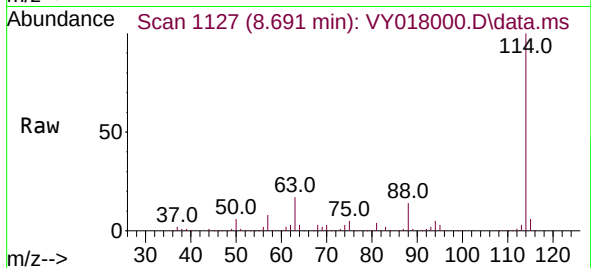
Tgt Ion:114 Resp: 573081

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.48 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

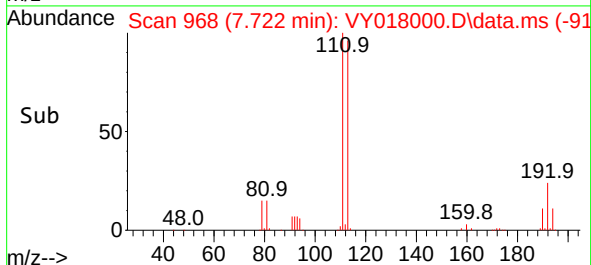
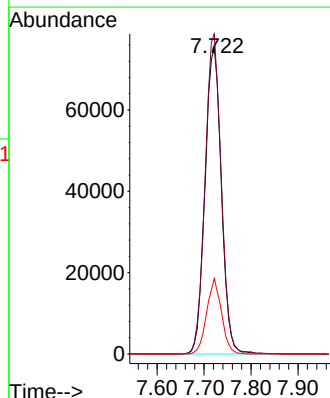
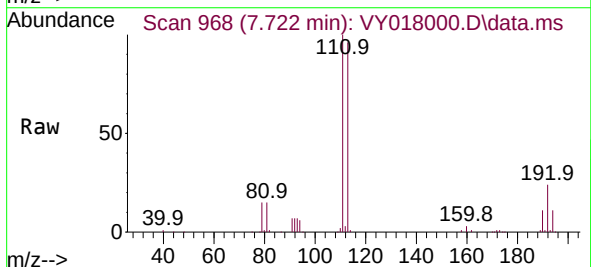
Tgt Ion:113 Resp: 182007

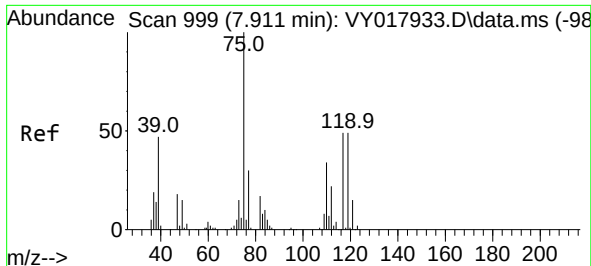
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 22.2 15.9 23.9

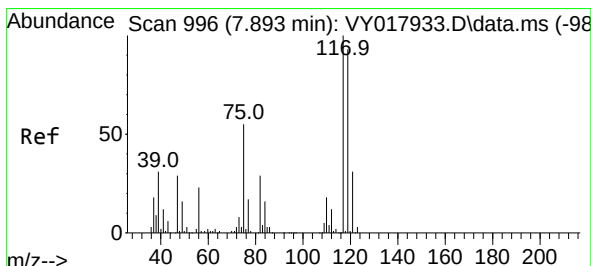
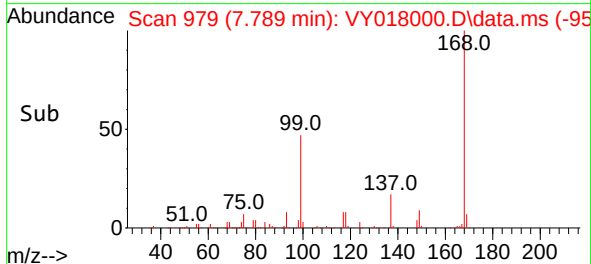
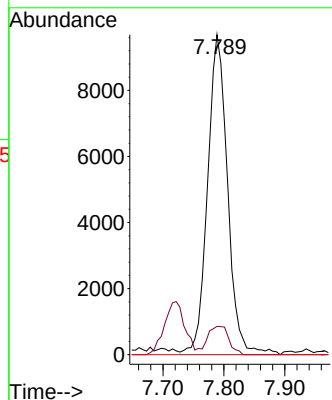
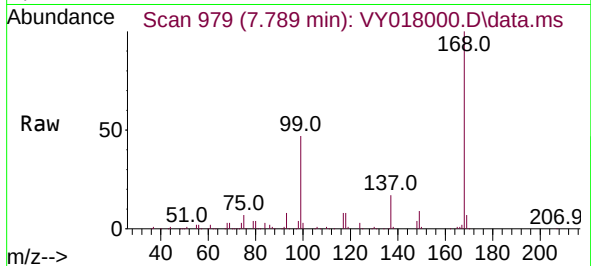




#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

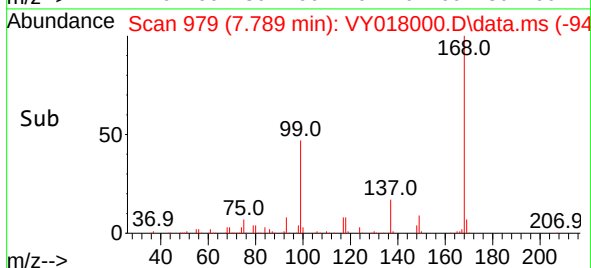
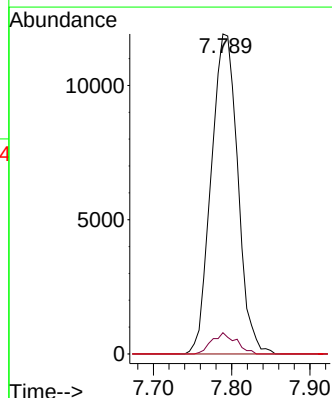
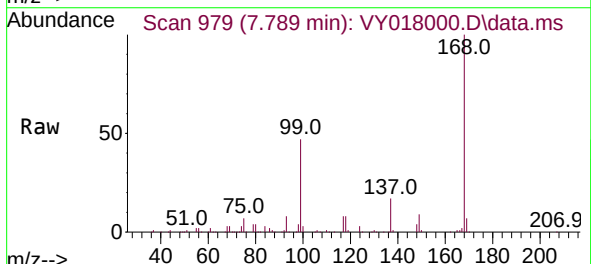
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041824

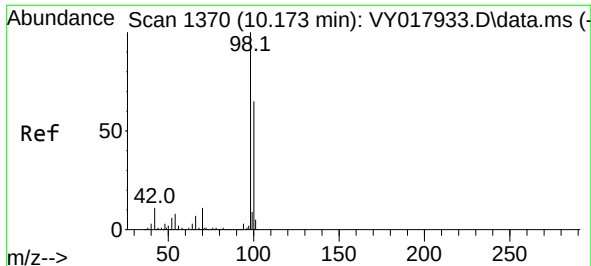
Tgt Ion: 75 Resp: 22120
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 117 Resp: 28081
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#

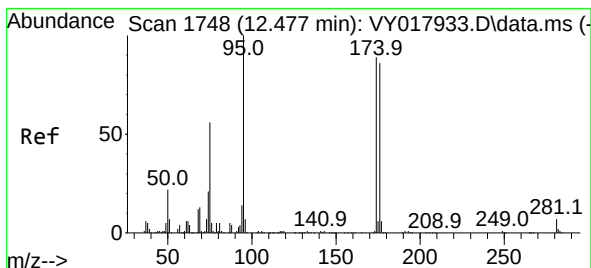
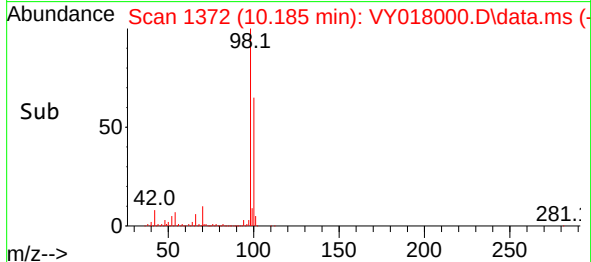
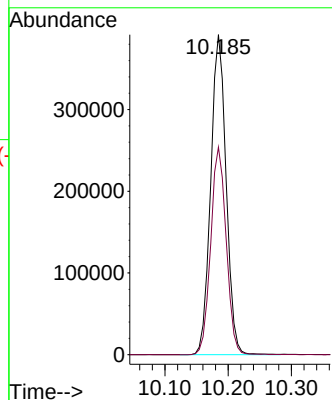
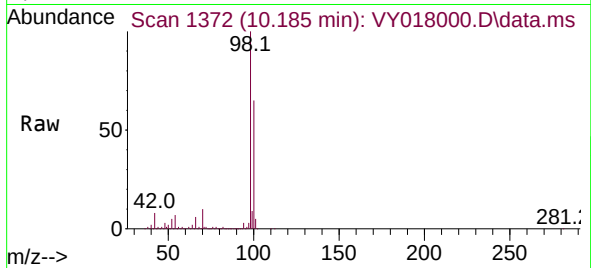




#50
Toluene-d8
Concen: 49.38 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

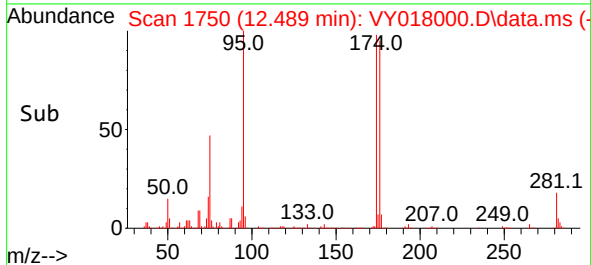
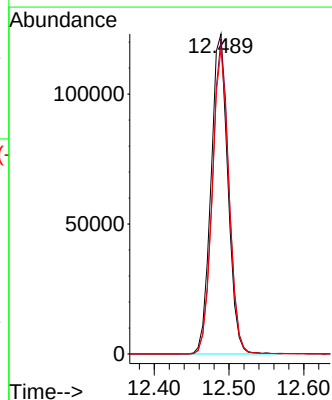
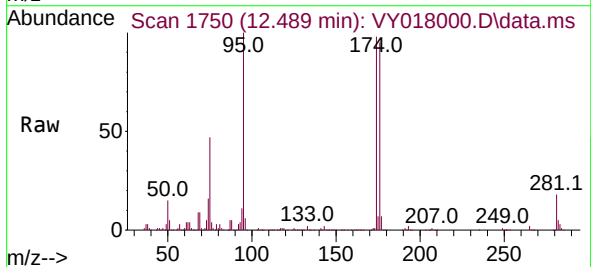
Instrument :
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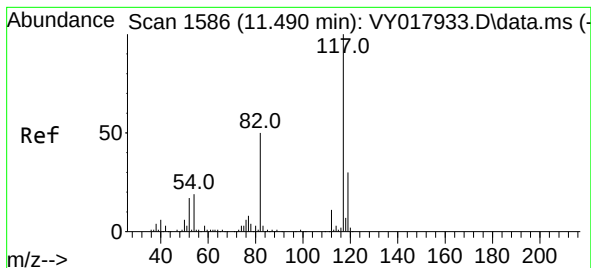
Tgt Ion: 98 Resp: 662499
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.53 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 95 Resp: 193322
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 93.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-041824

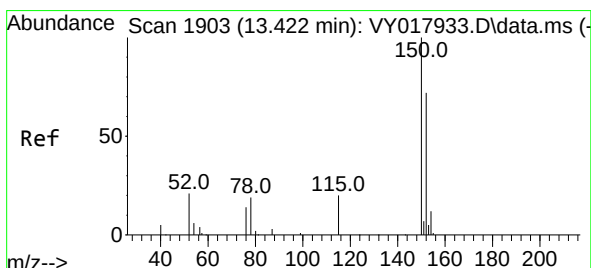
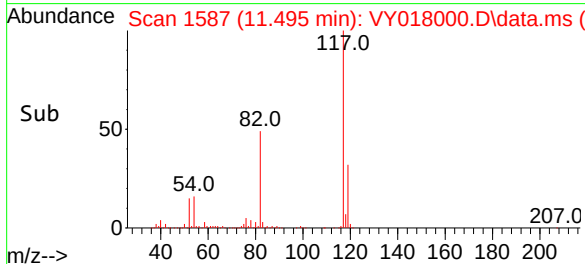
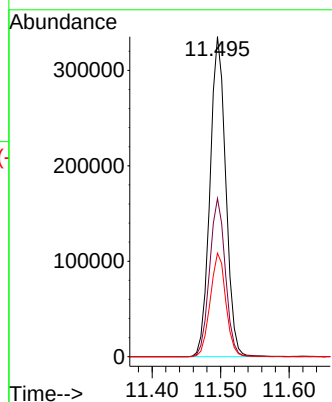
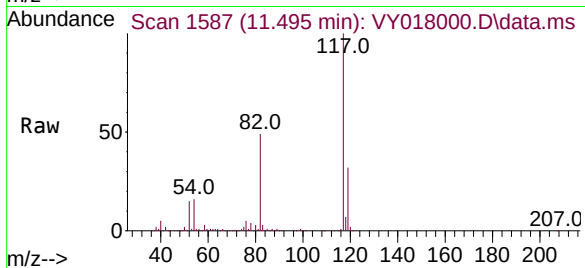
Tgt Ion:117 Resp: 537942

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY018000.D

Acq: 19 Apr 2024 15:46

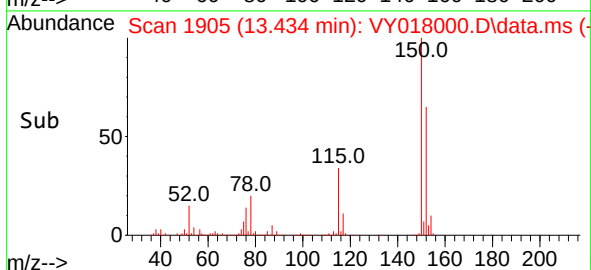
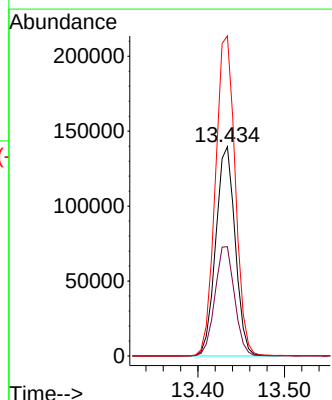
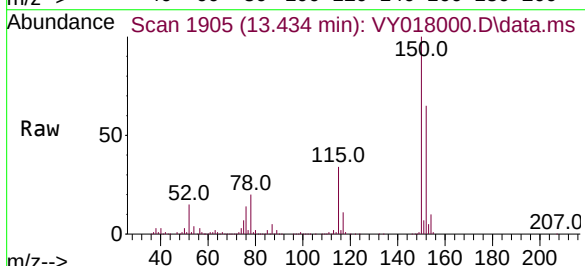
Tgt Ion:152 Resp: 217680

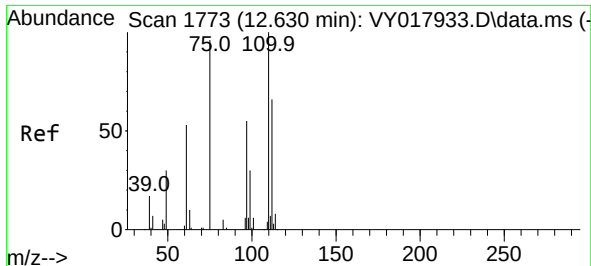
Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 156.3 0.0 345.6

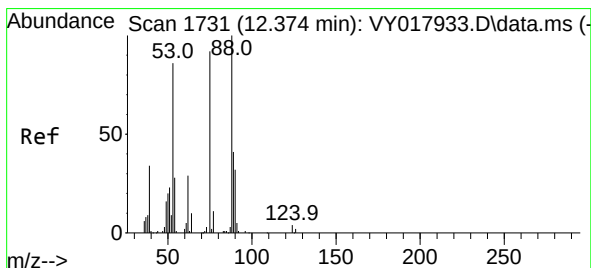
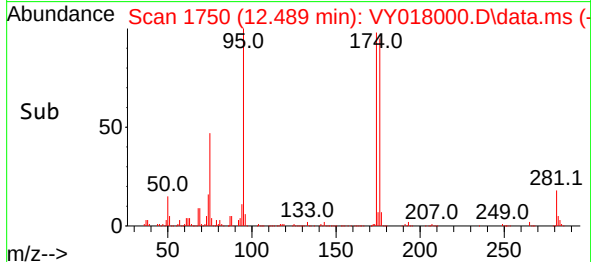
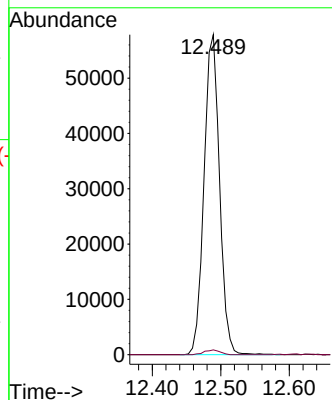
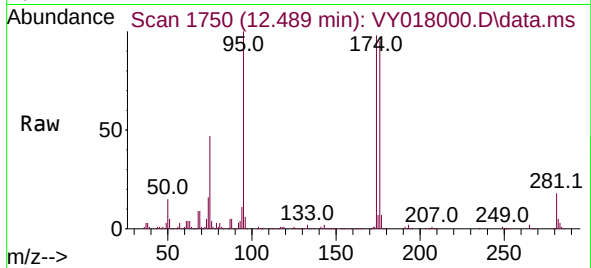




#76
1,2,3-Trichloropropane
Concen: 44.60 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041824

Tgt Ion: 75 Resp: 91099
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.95 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY018000.D
Acq: 19 Apr 2024 15:46

Tgt Ion: 75 Resp: 91099
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.1 35.8 53.6#

