

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017185.D
 Acq On : 02 Feb 2024 15:37
 Operator : SY/MD
 Sample : P1317-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-013124

Quant Time: Feb 02 22:31:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

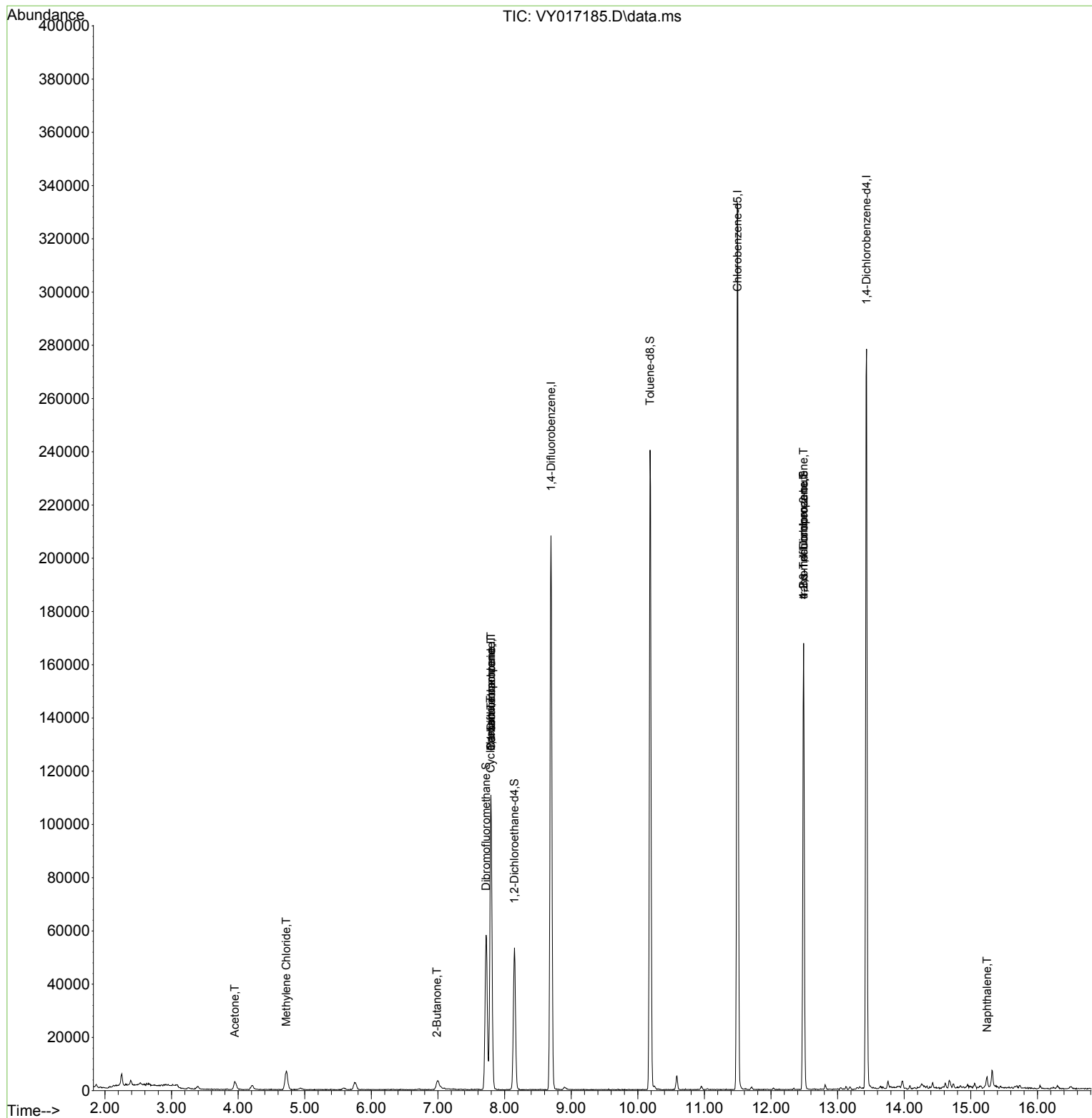
Internal Standards						
1) Pentafluorobenzene	7.795	168	83574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40298	53.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.960%			
35) Dibromofluoromethane	7.722	113	42781	44.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.500%			
50) Toluene-d8	10.185	98	156584	44.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.980%			
62) 4-Bromofluorobenzene	12.489	95	50932	44.172	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.340%			
Target Compounds						
11) Tert butyl alcohol	4.936	59	696	Below Cal	#	75
16) Acetone	3.948	43	5712	26.030	ug/l	97
20) Methylene Chloride	4.722	84	4960	2.167	ug/l #	84
25) 2-Butanone	6.984	43	408	1.399	ug/l #	48
31) Cyclohexane	7.789	56	1909	1.269	ug/l #	30
36) 1,1-Dichloropropene	7.795	75	7242	4.343	ug/l #	49
38) Carbon Tetrachloride	7.795	117	8295	5.195	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	26788	42.229	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	26788	87.745	ug/l #	12
95) Naphthalene	15.245	128	3650	5.296	ug/l	97

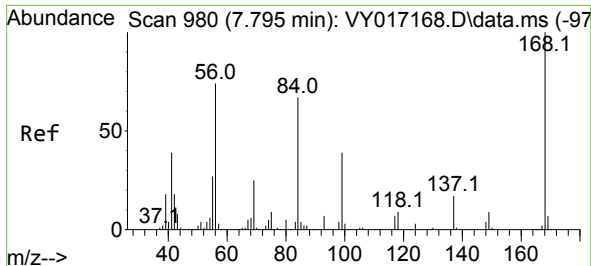
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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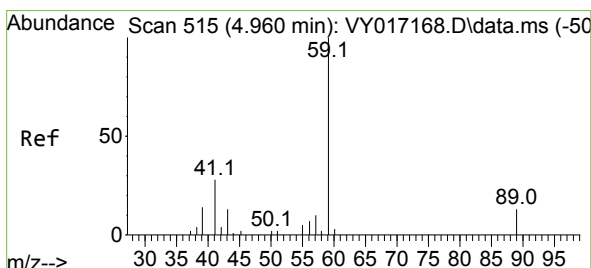
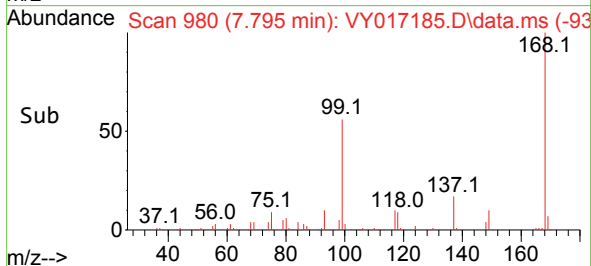
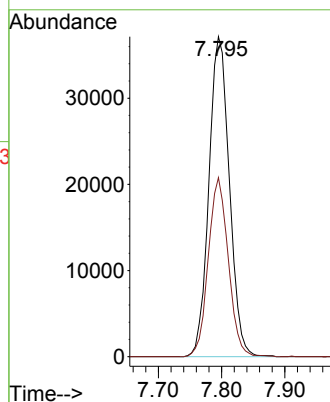
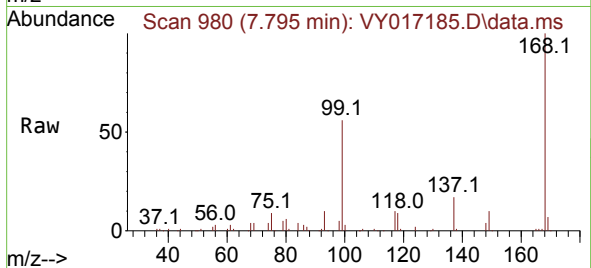




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

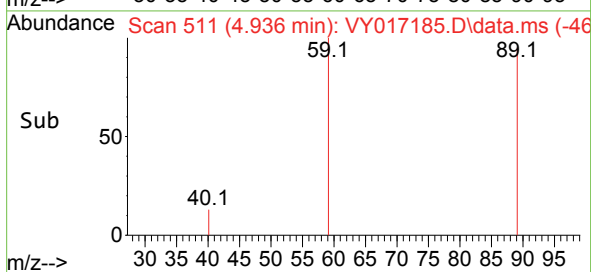
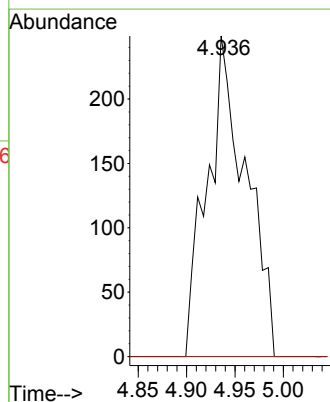
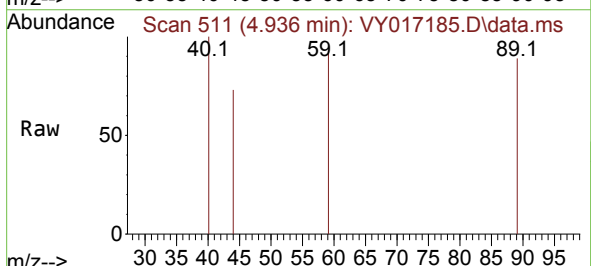
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

Tgt Ion:168 Resp: 83574
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

Tgt Ion: 59 Resp: 696
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 26.030 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY017185.D

Acq: 02 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

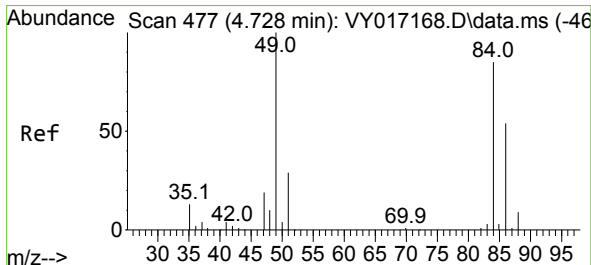
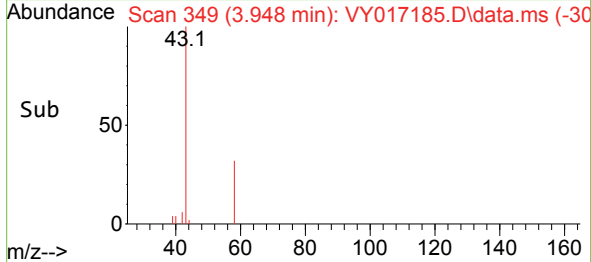
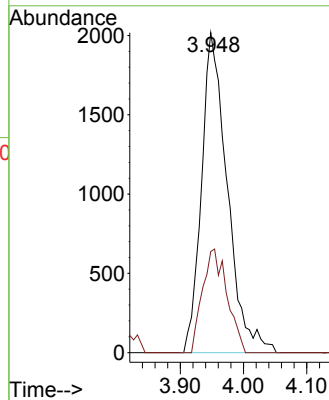
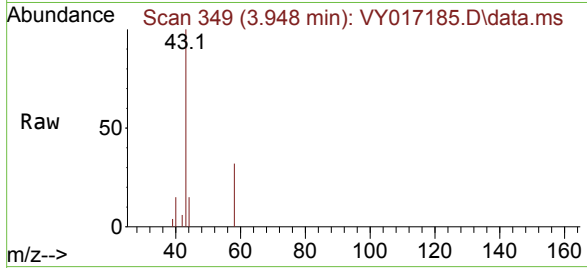
NB-7-013124

Tgt Ion: 43 Resp: 5712

Ion Ratio Lower Upper

43 100

58 31.6 26.6 39.8



#20

Methylene Chloride

Concen: 2.167 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY017185.D

Acq: 02 Feb 2024 15:37

Tgt Ion: 84 Resp: 4960

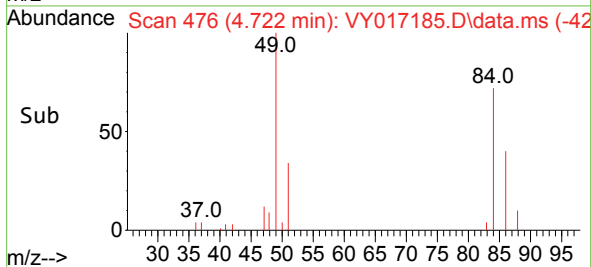
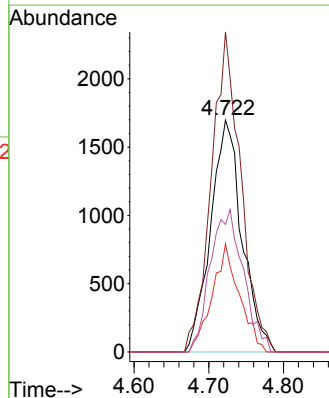
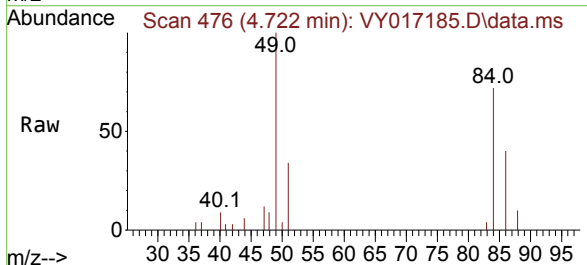
Ion Ratio Lower Upper

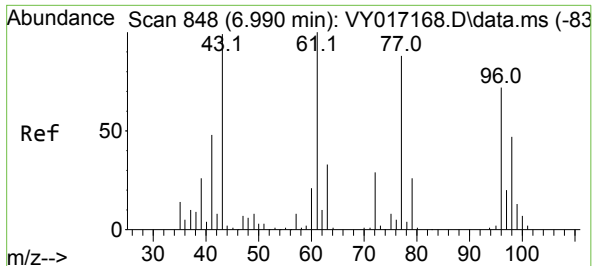
84 100

49 138.0 95.2 142.8

51 46.6 29.9 44.9#

86 55.0 52.2 78.4





#25

2-Butanone

Concen: 1.399 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017185.D

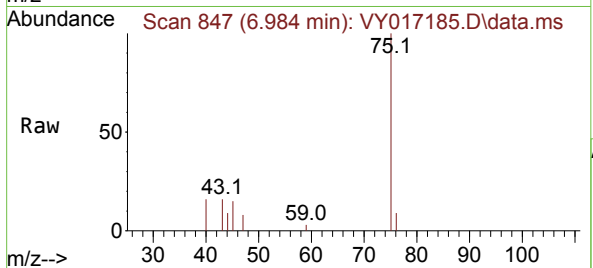
Acq: 02 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-013124

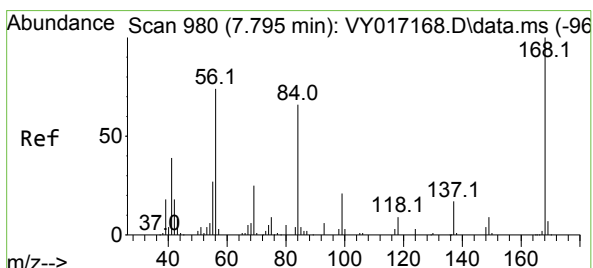
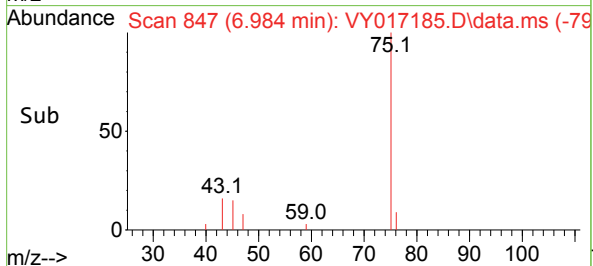
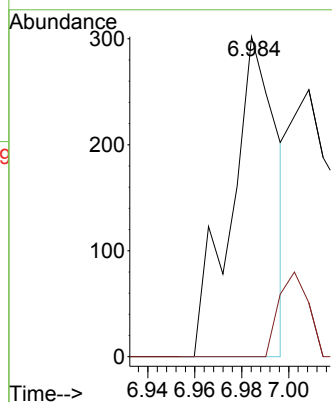


Tgt Ion: 43 Resp: 408

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY017185.D

Acq: 02 Feb 2024 15:37

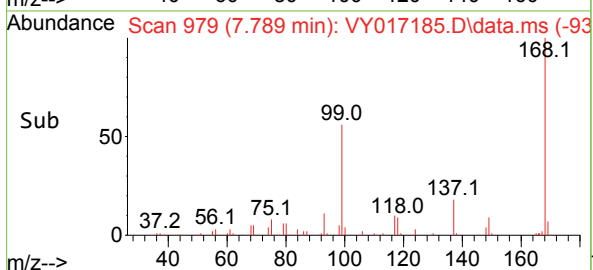
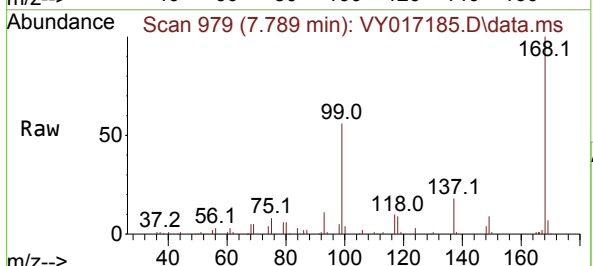
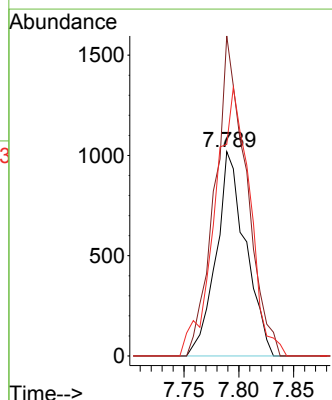
Tgt Ion: 56 Resp: 1909

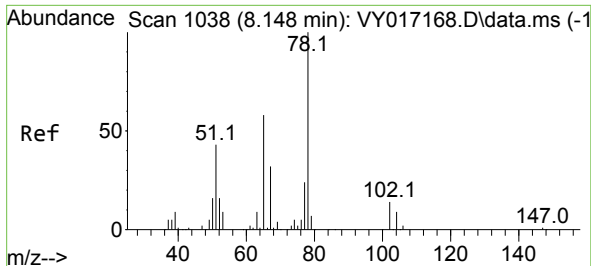
Ion Ratio Lower Upper

56 100

69 156.6 27.0 40.6#

84 103.6 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 53.975 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017185.D

Acq: 02 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

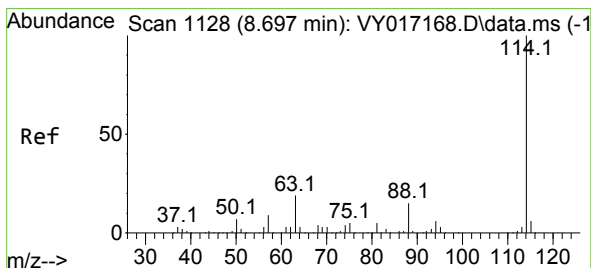
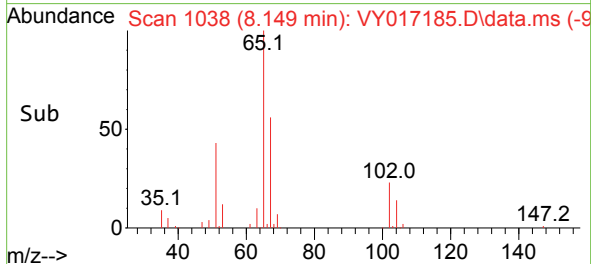
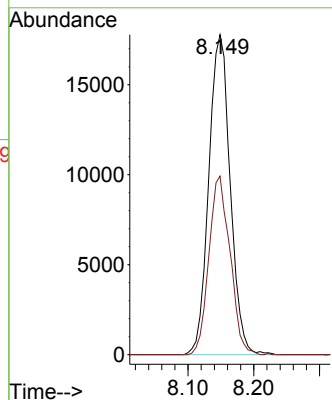
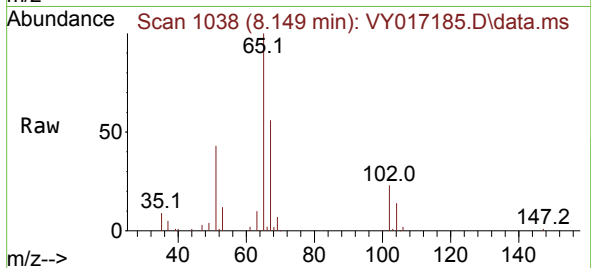
NB-7-013124

Tgt Ion: 65 Resp: 40298

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017185.D

Acq: 02 Feb 2024 15:37

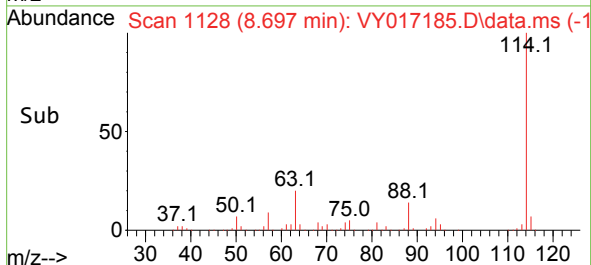
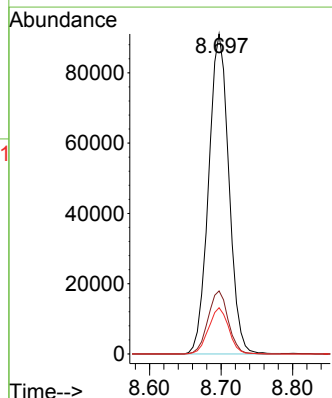
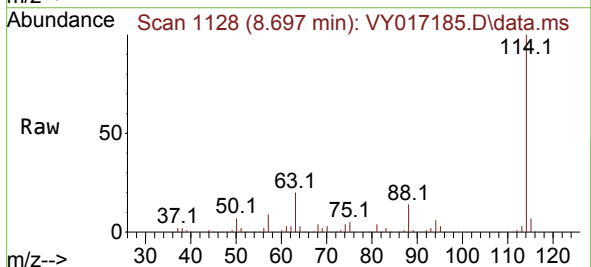
Tgt Ion: 114 Resp: 179048

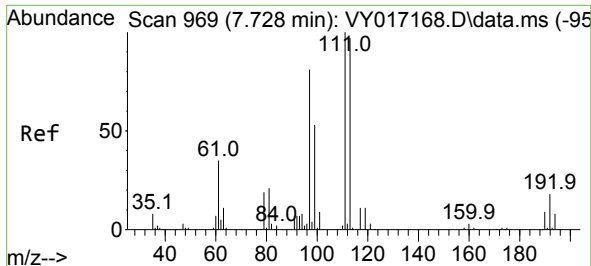
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.5 0.0 29.0

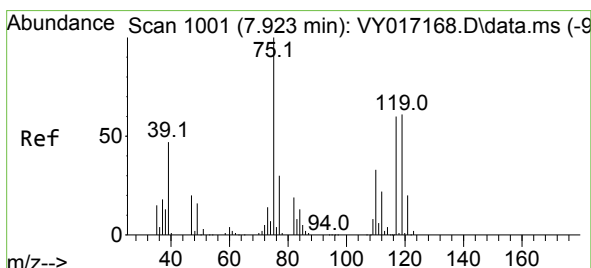
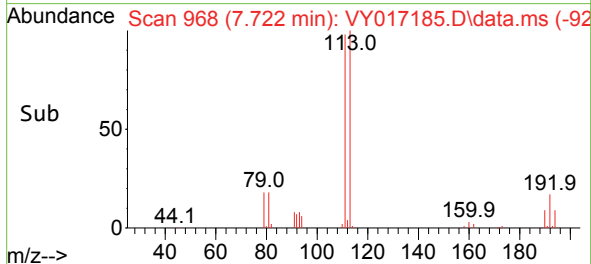
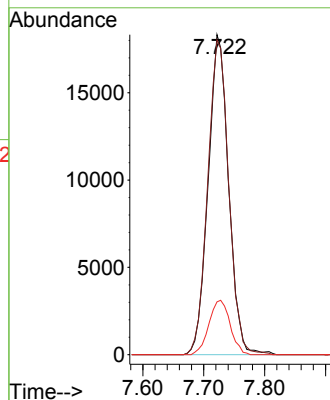
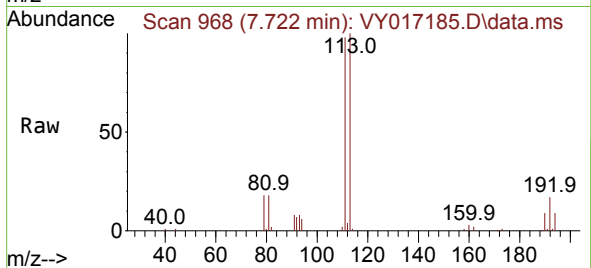




#35
Dibromofluoromethane
Concen: 44.253 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

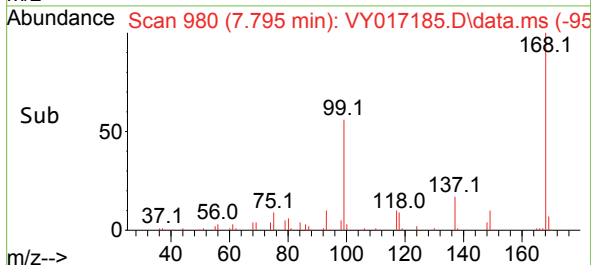
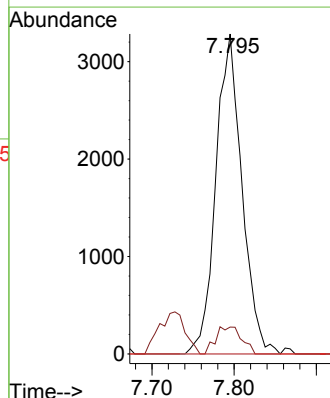
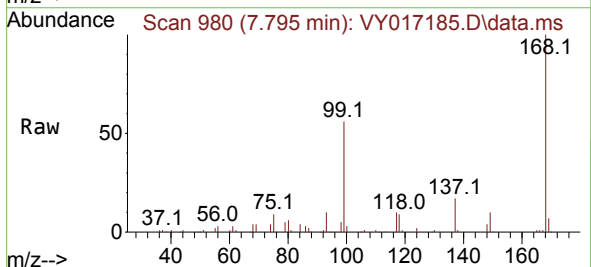
Instrument :
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NB-7-013124

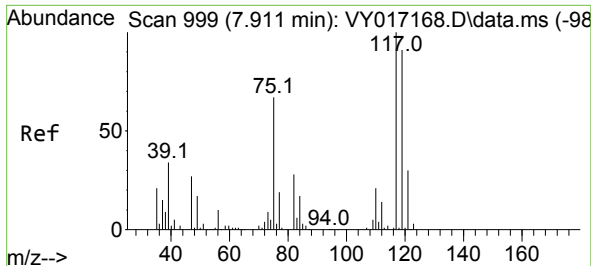
Tgt Ion:113 Resp: 42781
Ion Ratio Lower Upper
113 100
111 100.9 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

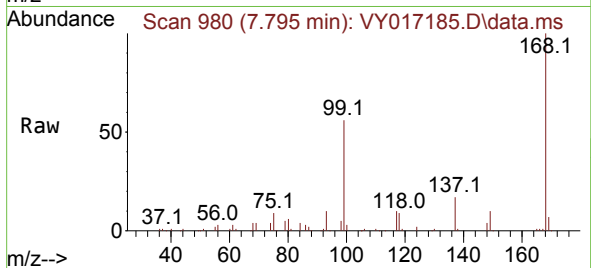
Tgt Ion: 75 Resp: 7242
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.7 37.1#



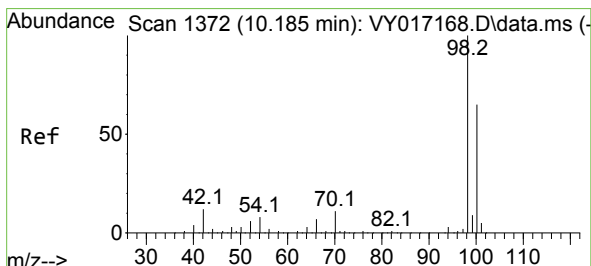
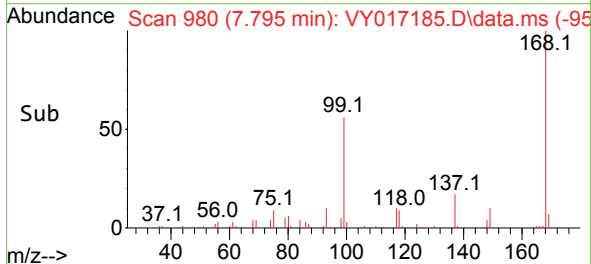
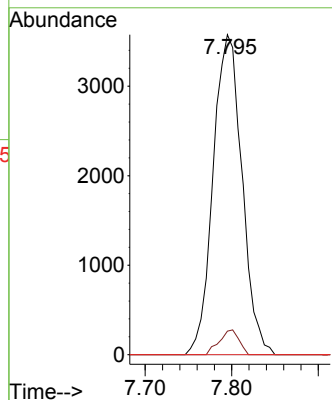


#38
Carbon Tetrachloride
Concen: 5.195 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

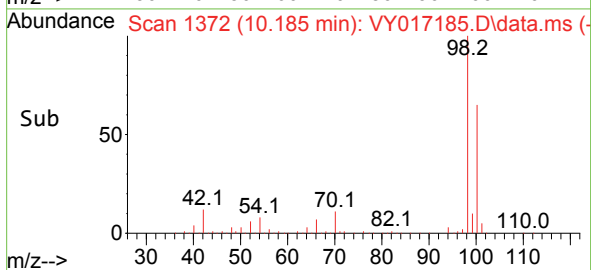
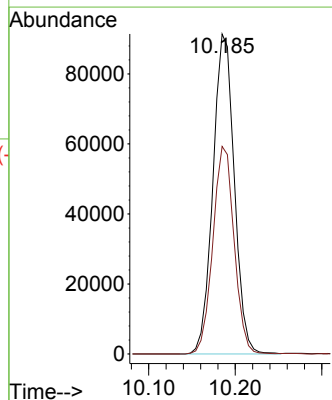
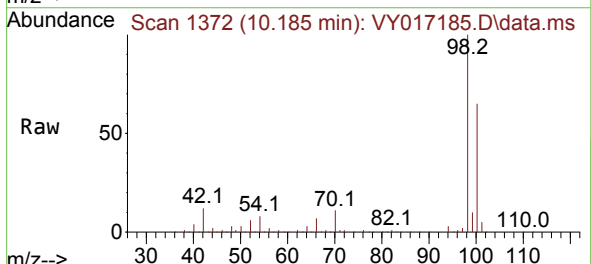


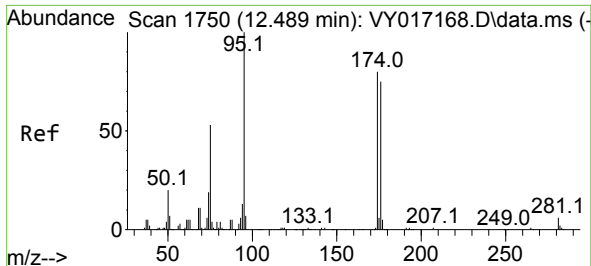
Tgt Ion:117 Resp: 8295
Ion Ratio Lower Upper
117 100
119 7.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.486 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

Tgt Ion: 98 Resp: 156584
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

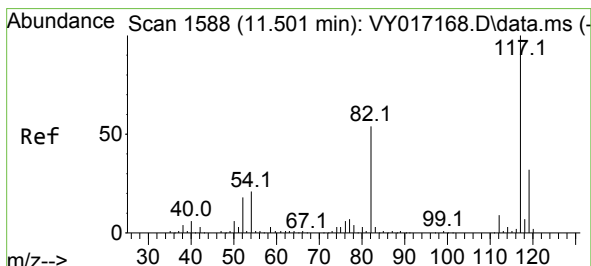
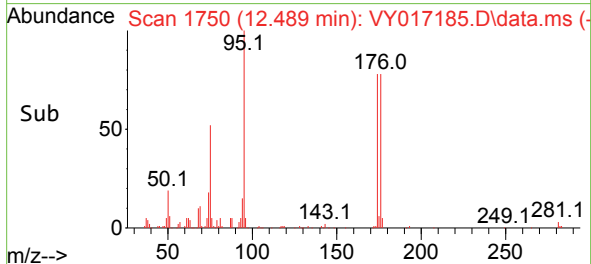
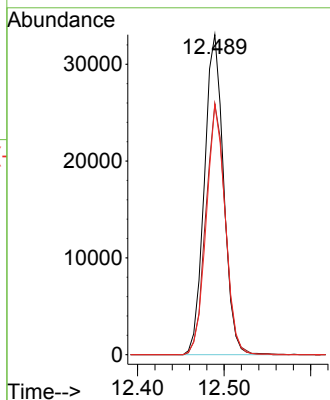
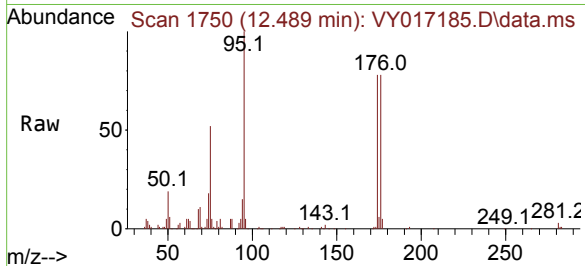




#62
4-Bromofluorobenzene
Concen: 44.172 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

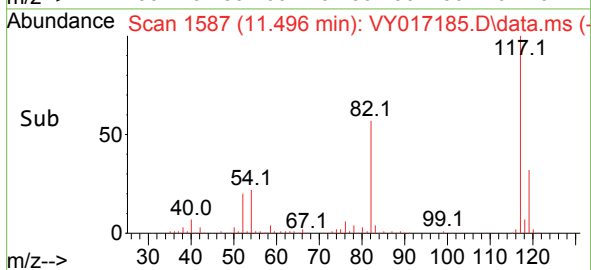
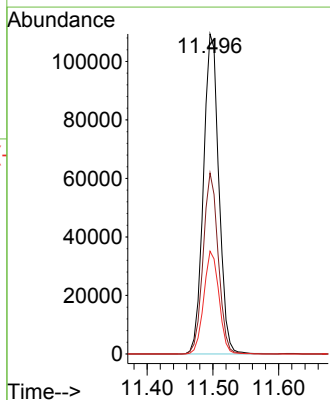
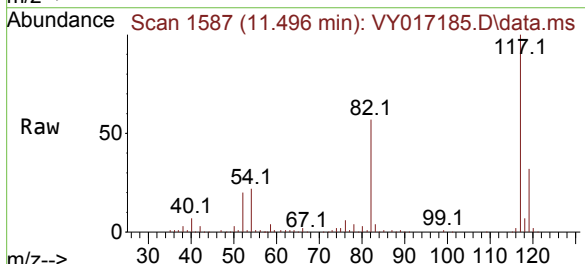
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

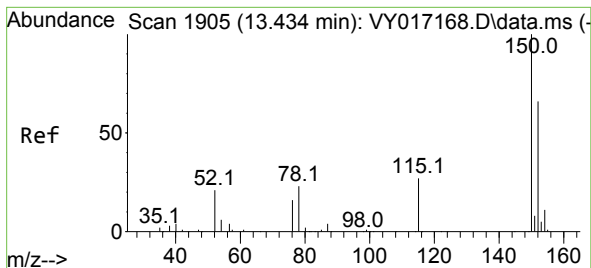
Tgt Ion:	95	Resp:	50932
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	160.0
176	77.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

Tgt Ion:	117	Resp:	178466
Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.8	65.8
119	32.1	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017185.D

Acq: 02 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-013124

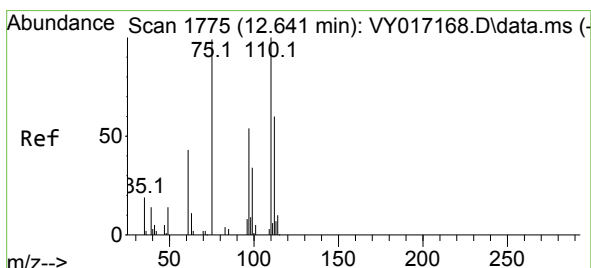
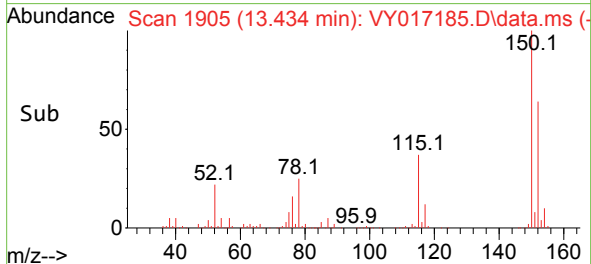
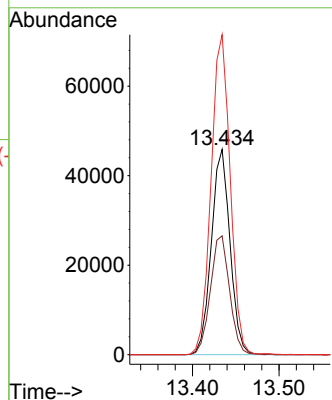
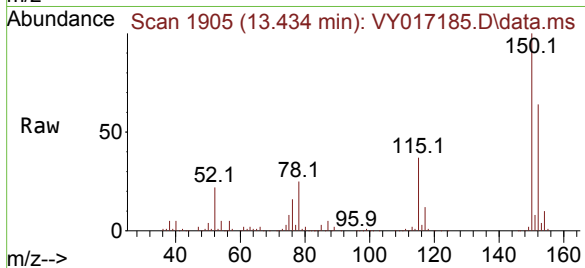
Tgt Ion:152 Resp: 68729

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 159.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 42.229 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017185.D

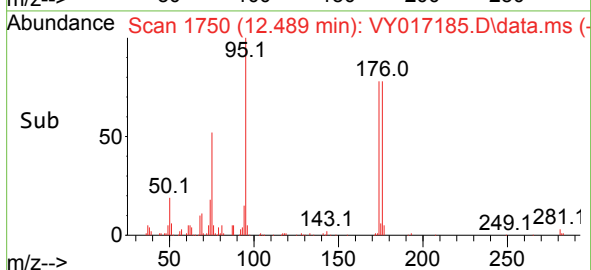
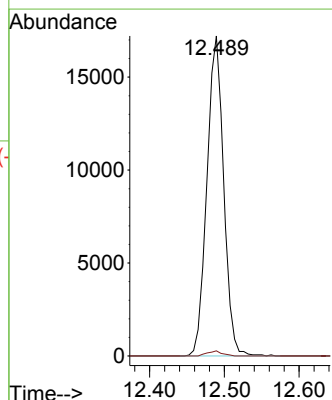
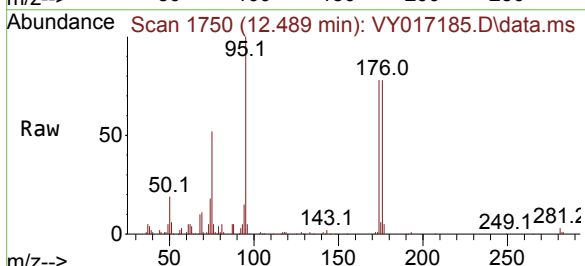
Acq: 02 Feb 2024 15:37

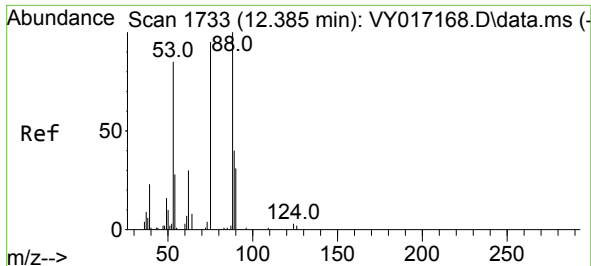
Tgt Ion: 75 Resp: 26788

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

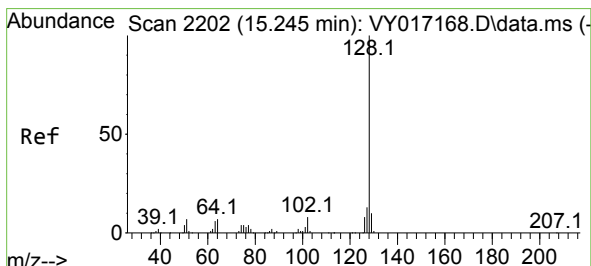
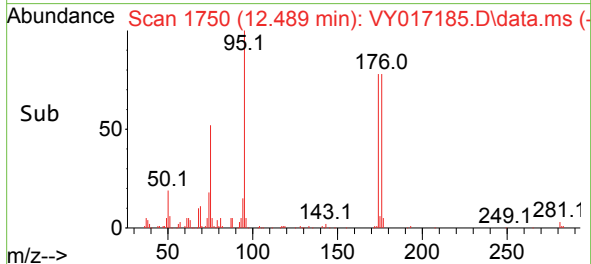
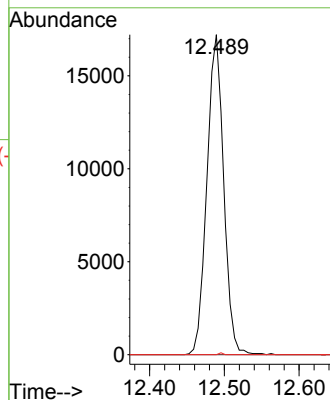
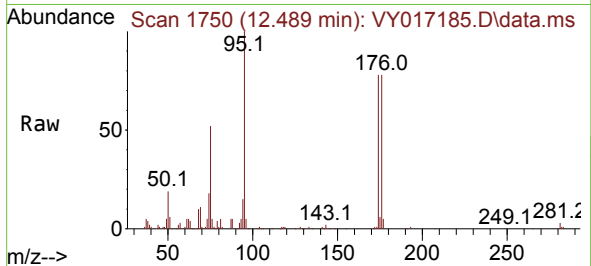




#81
trans-1,4-Dichloro-2-butene
Concen: 87.745 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

Tgt Ion: 75 Resp: 26788
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 5.296 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017185.D
Acq: 02 Feb 2024 15:37

Tgt Ion: 128 Resp: 3650
Ion Ratio Lower Upper
128 100
127 15.1 10.2 15.4
129 10.5 8.6 12.8

