

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075918.D
 Acq On : 21 Dec 2022 14:41
 Operator : JC\MD
 Sample : N6164-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-122022

Quant Time: Dec 22 03:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

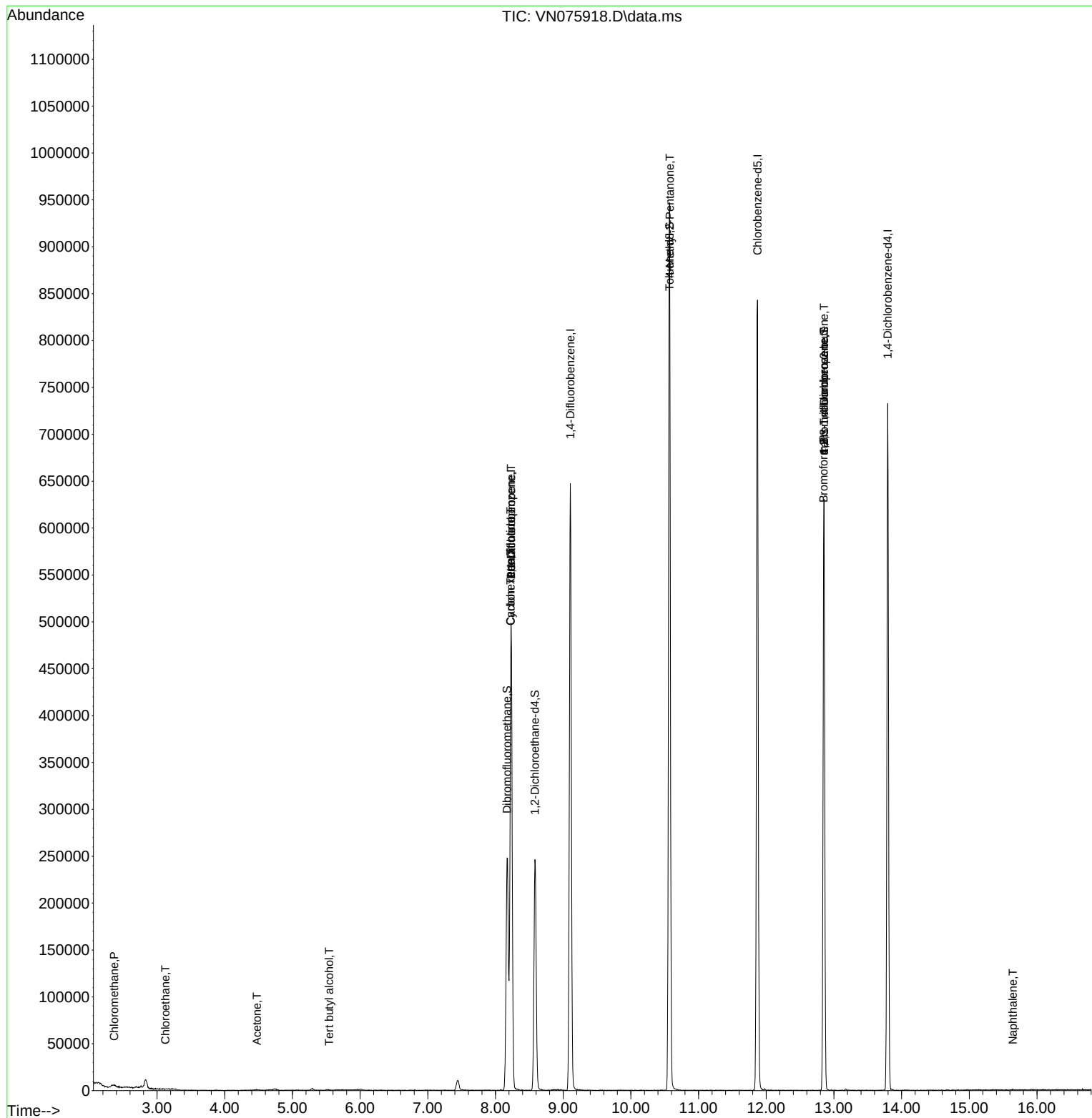
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	390704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	610337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	513364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202079	47.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.080%
35) Dibromofluoromethane	8.171	113	178756	47.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	10.571	98	691257	48.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.853	95	207775	44.390	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	704	0.204	ug/l #	40
6) Chloroethane	3.124	64	699	0.229	ug/l #	44
11) Tert butyl alcohol	5.542	59	245	0.407	ug/l #	72
16) Acetone	4.477	43	1363	0.930	ug/l #	39
20) Methylene Chloride	5.295	84	1602	Below Cal	#	80
31) Cyclohexane	8.224	56	7547	1.240	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	27430	5.463	ug/l #	50
38) Carbon Tetrachloride	8.224	117	38136	6.786	ug/l #	16
51) 4-Methyl-2-Pentanone	10.577	43	2499	0.621	ug/l #	1
71) Bromoform	12.847	173	1726	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	107684	26.111	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107684	93.985	ug/l #	12
95) Naphthalene	15.641	128	793	2.246	ug/l #	69

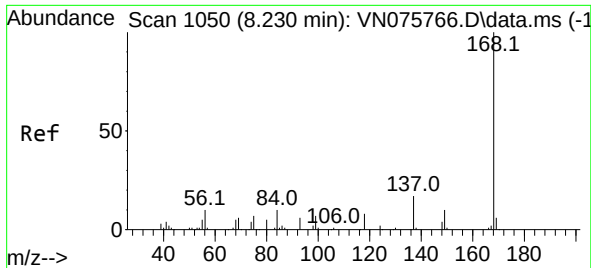
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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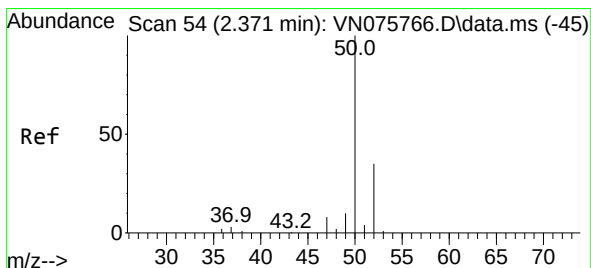
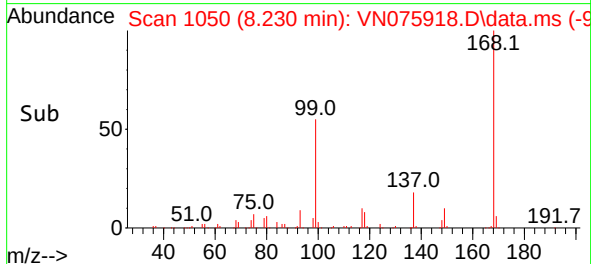
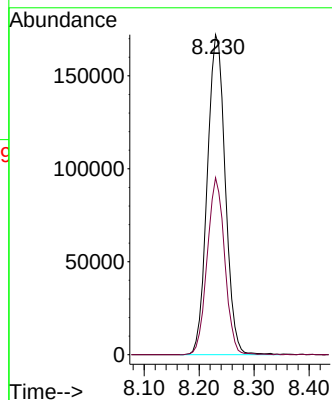
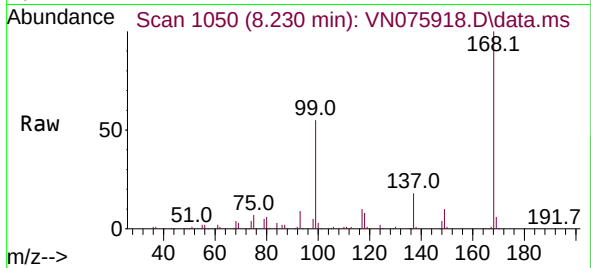




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

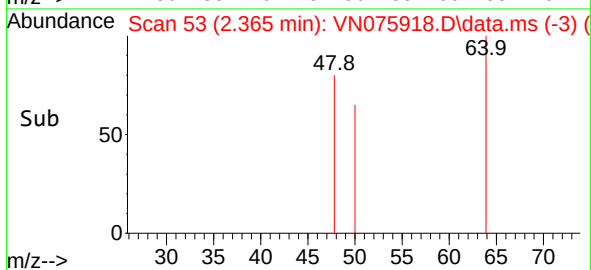
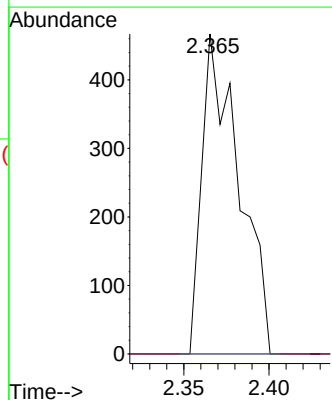
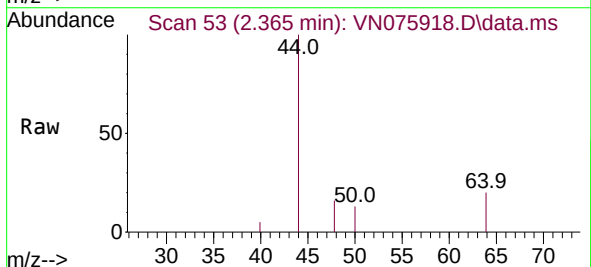
Instrument :
MSVOA_N
ClientSampleId :
FB-01-122022

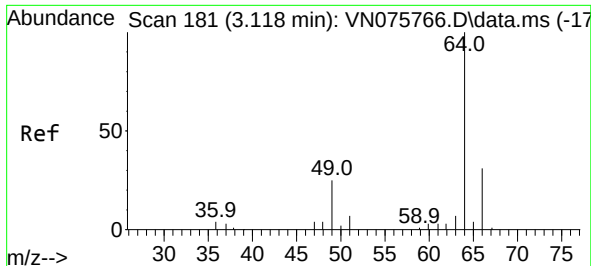
Tgt Ion:168 Resp: 390704
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#3
Chloromethane
Concen: 0.204 ug/l
RT: 2.365 min Scan# 53
Delta R.T. -0.006 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#

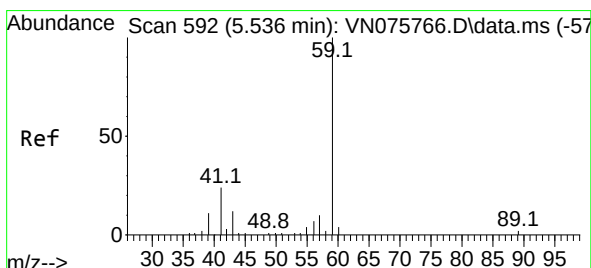
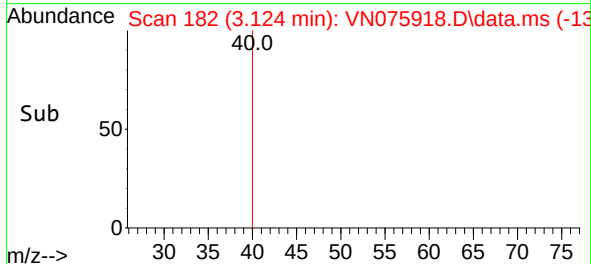
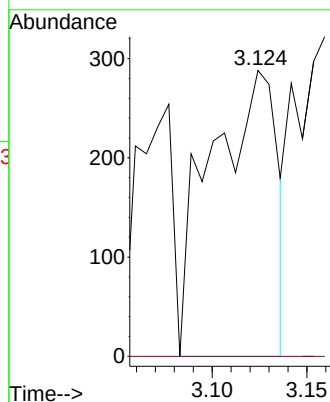
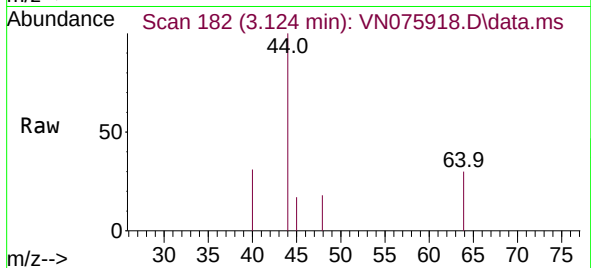




#6
Chloroethane
Concen: 0.229 ug/l
RT: 3.124 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

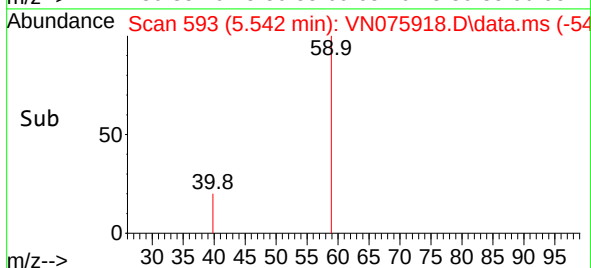
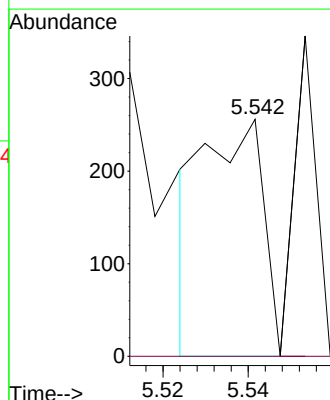
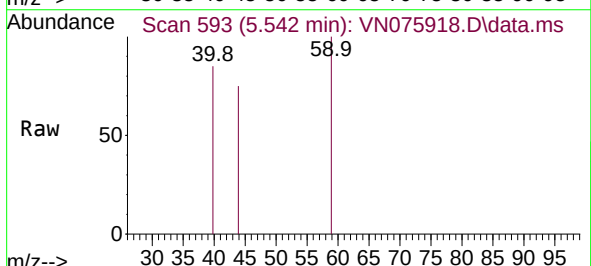
Instrument :
MSVOA_N
ClientSampleId :
FB-01-122022

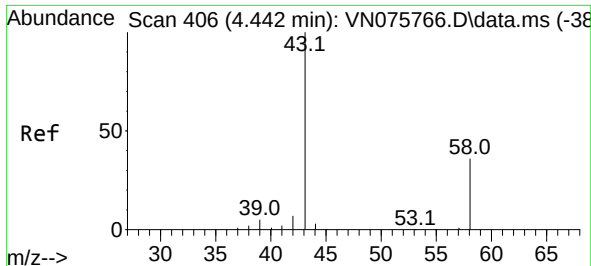
Tgt Ion: 64 Resp: 699
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#11
Tert butyl alcohol
Concen: 0.407 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.930 ug/l

RT: 4.477 min Scan# 412

Delta R.T. 0.035 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

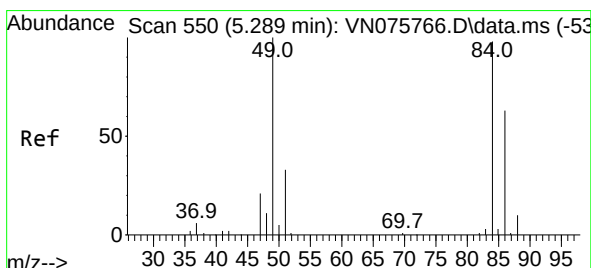
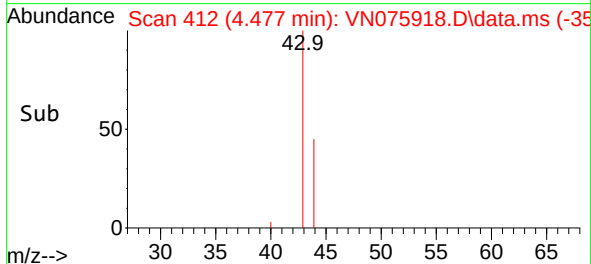
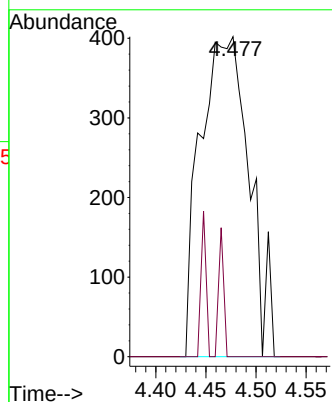
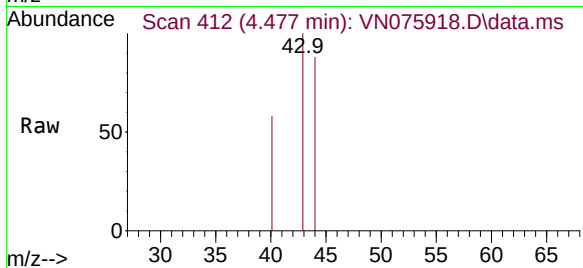
FB-01-122022

Tgt Ion: 43 Resp: 1363

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.295 min Scan# 551

Delta R.T. 0.006 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

Tgt Ion: 84 Resp: 1602

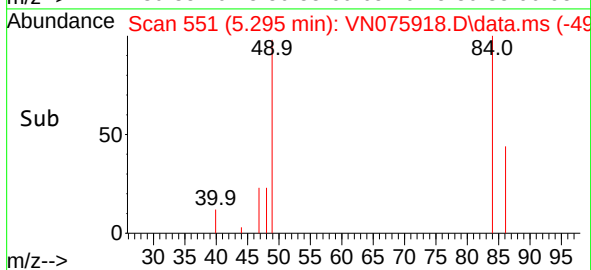
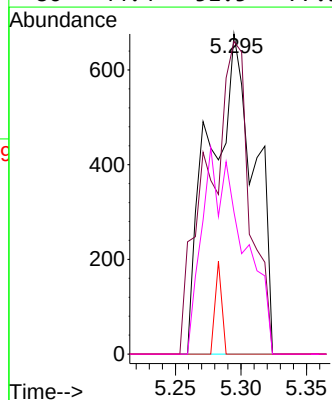
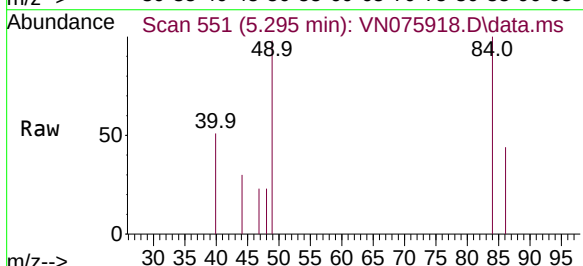
Ion Ratio Lower Upper

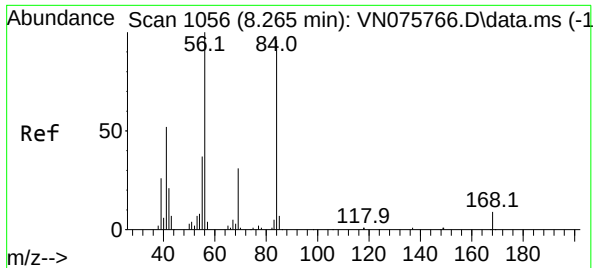
84 100

49 97.6 81.8 122.6

51 0.0 26.7 40.1#

86 44.4 51.5 77.3#

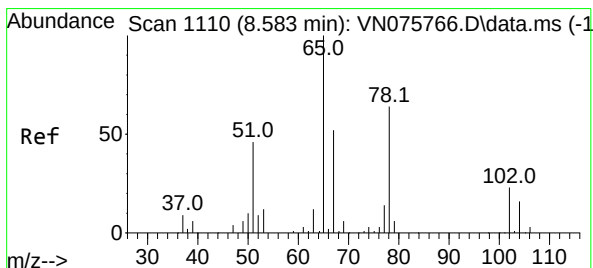
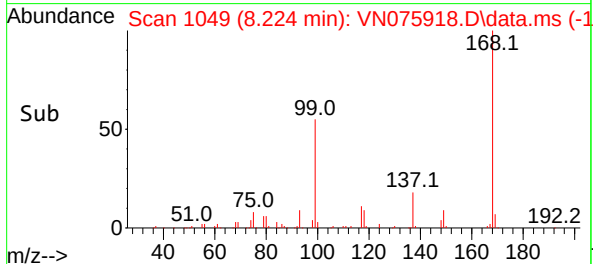
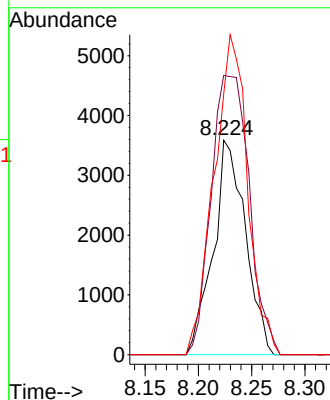
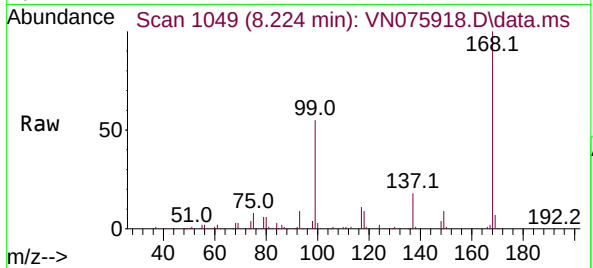




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

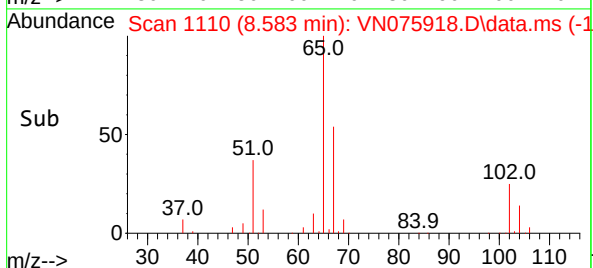
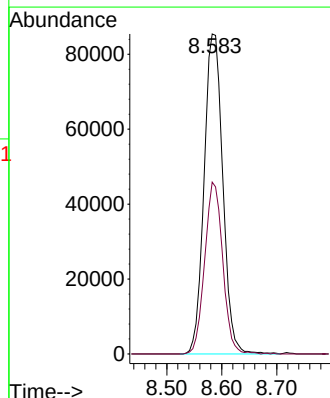
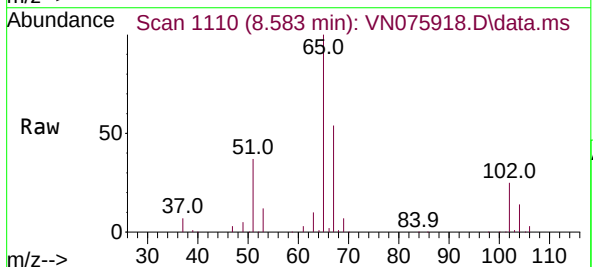
Instrument :
MSVOA_N
ClientSampleId :
FB-01-122022

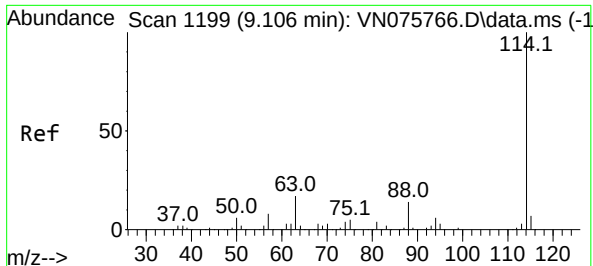
Tgt Ion: 56 Resp: 7547
Ion Ratio Lower Upper
56 100
69 130.2 24.7 37.1#
84 121.6 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 47.542 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

Tgt Ion: 65 Resp: 202079
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

FB-01-122022

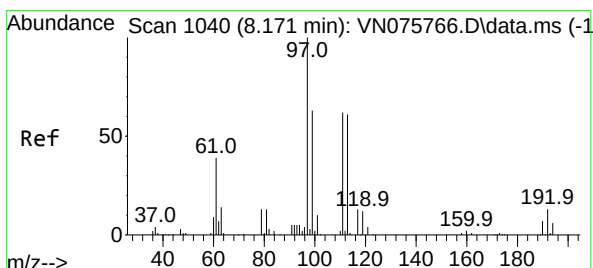
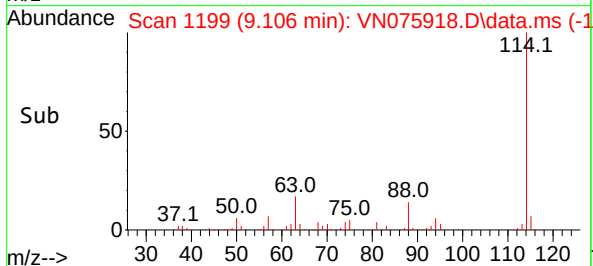
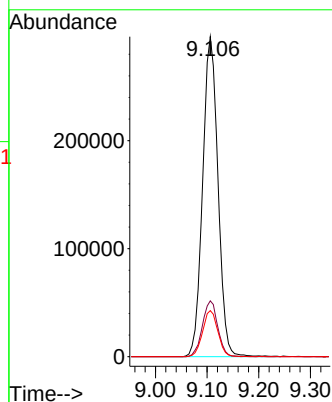
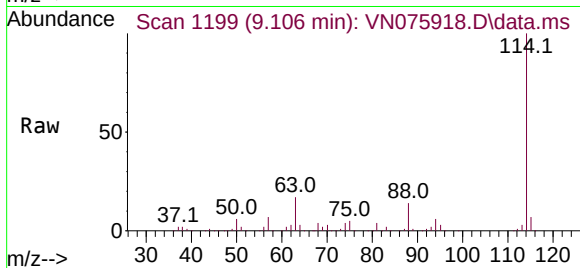
Tgt Ion:114 Resp: 610337

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.293 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

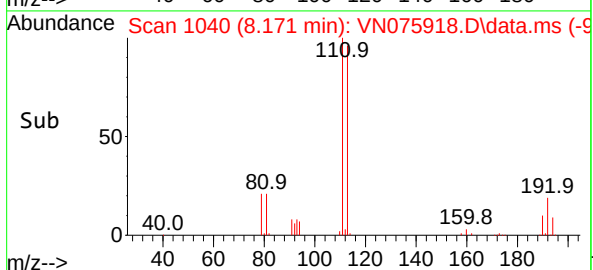
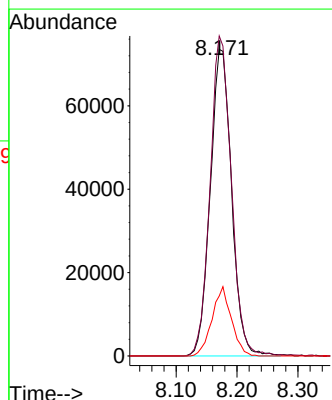
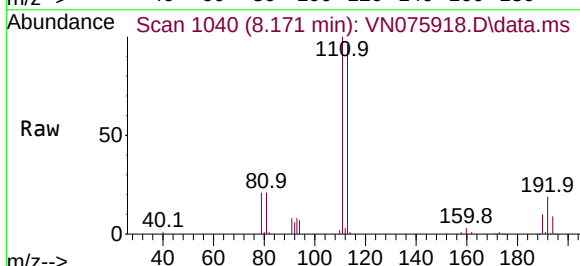
Tgt Ion:113 Resp: 178756

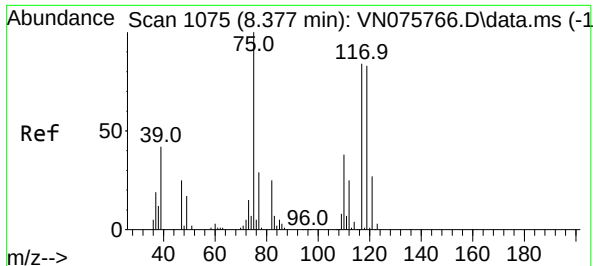
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 20.5 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.463 ug/l

RT: 8.230 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

FB-01-122022

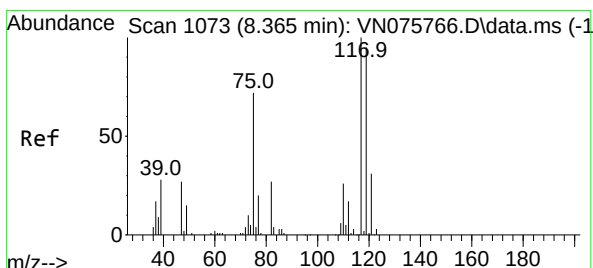
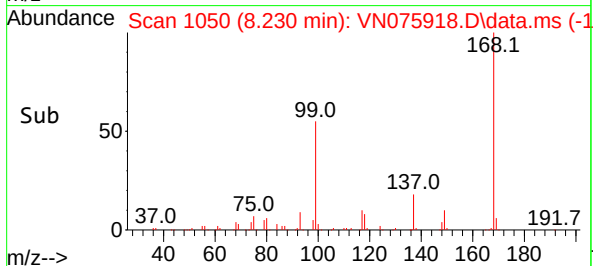
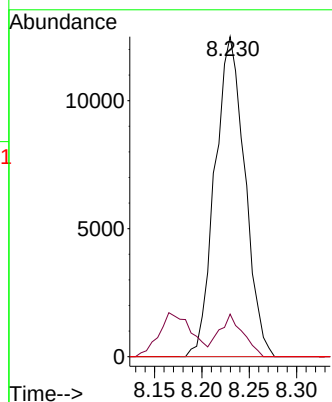
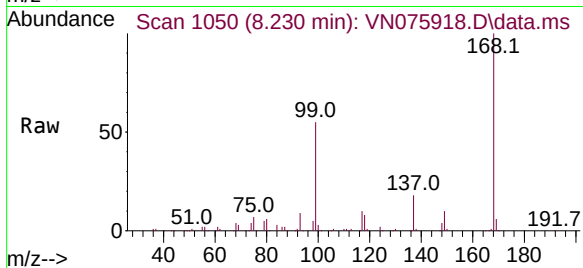
Tgt Ion: 75 Resp: 27430

Ion Ratio Lower Upper

75 100

110 10.6 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.786 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.141 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

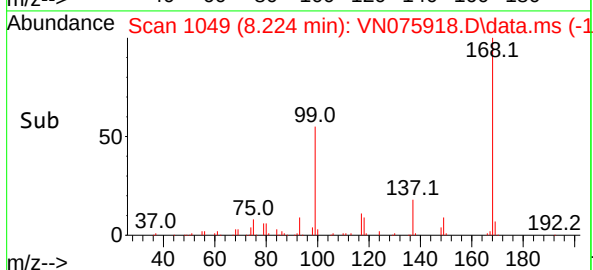
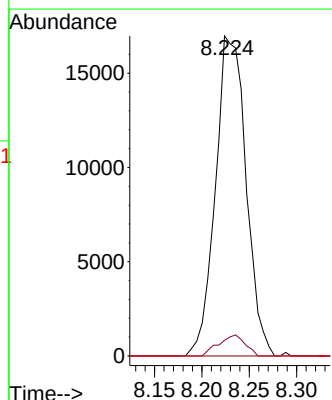
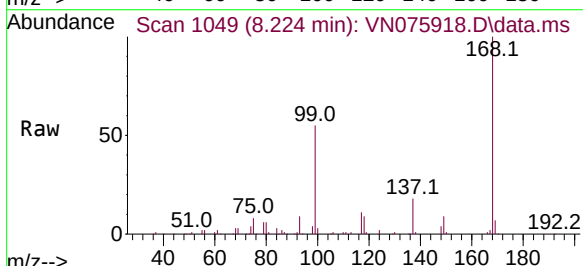
Tgt Ion: 117 Resp: 38136

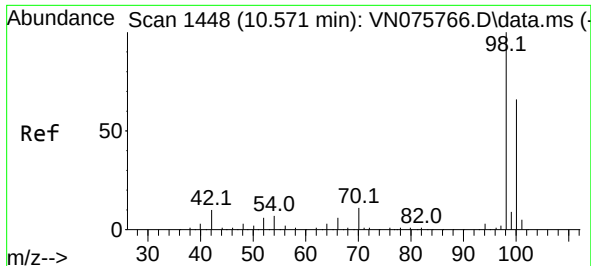
Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

121 0.0 24.5 36.7#

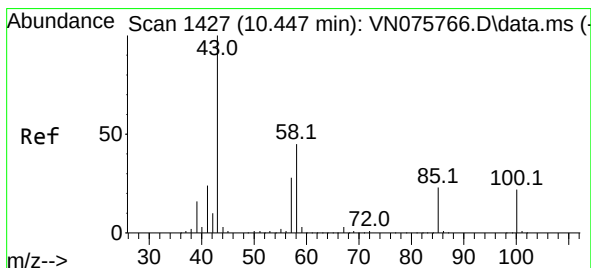
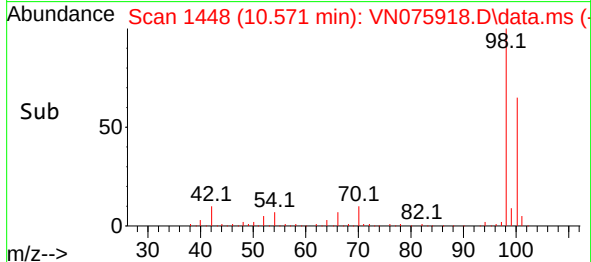
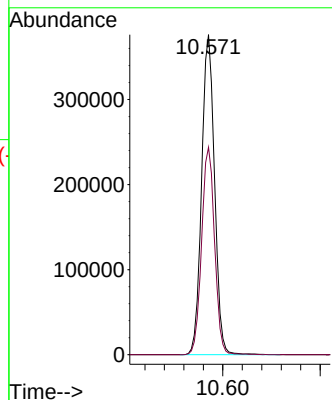
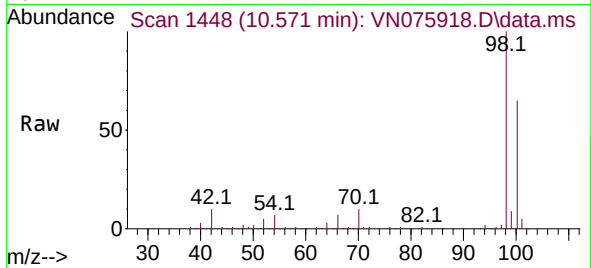




#50
Toluene-d8
Concen: 48.914 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

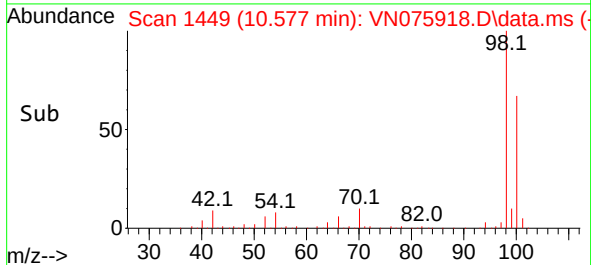
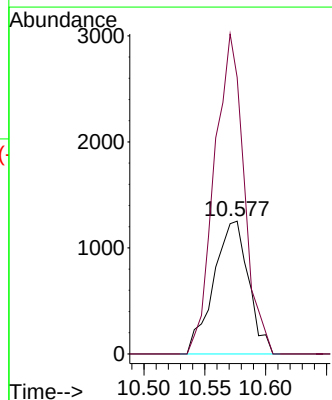
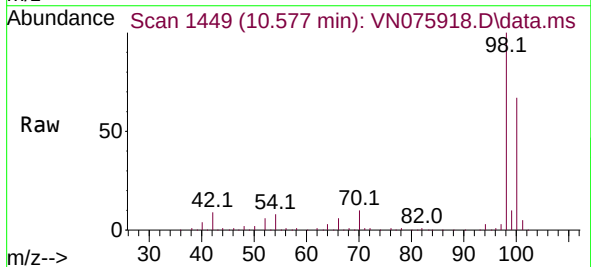
Instrument :
MSVOA_N
ClientSampleId :
FB-01-122022

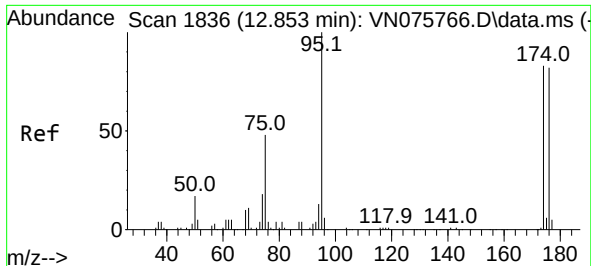
Tgt Ion: 98 Resp: 691257
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 10.577 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

Tgt Ion: 43 Resp: 2499
Ion Ratio Lower Upper
43 100
58 205.1 35.5 53.3#

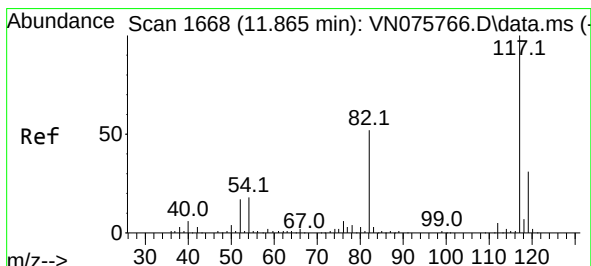
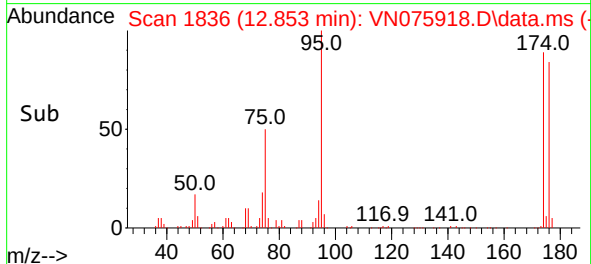
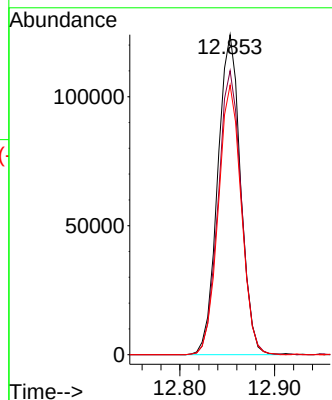
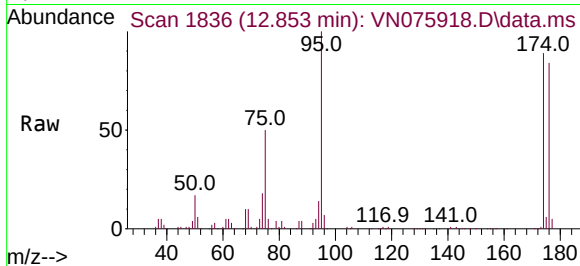




#62
4-Bromofluorobenzene
Concen: 44.390 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

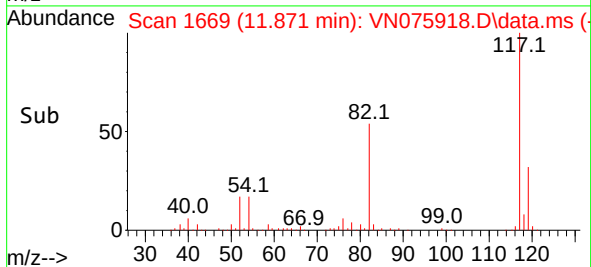
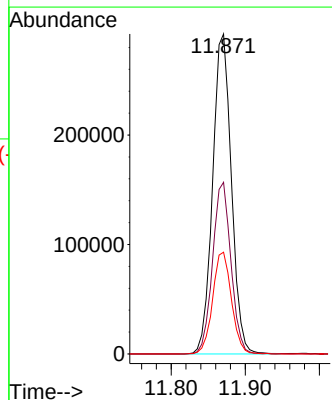
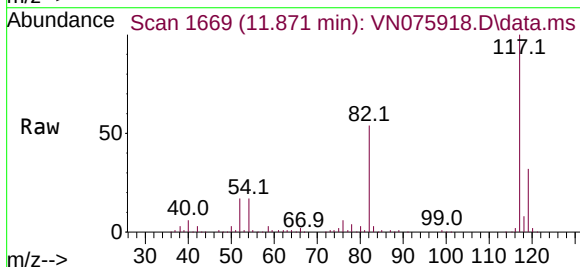
Instrument :
MSVOA_N
ClientSampleId :
FB-01-122022

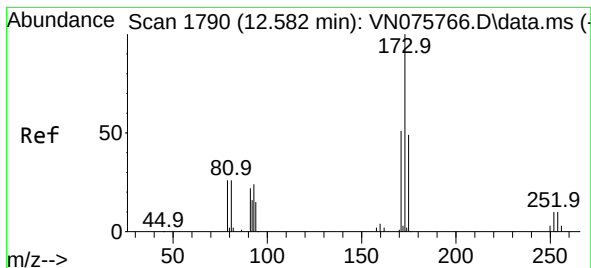
Tgt Ion: 95 Resp: 207775
Ion Ratio Lower Upper
95 100
174 89.7 0.0 171.6
176 84.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075918.D
Acq: 21 Dec 2022 14:41

Tgt Ion: 117 Resp: 513364
Ion Ratio Lower Upper
117 100
82 53.7 41.3 61.9
119 31.8 24.6 37.0





#71

Bromoform

Concen: 0.608 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

FB-01-122022

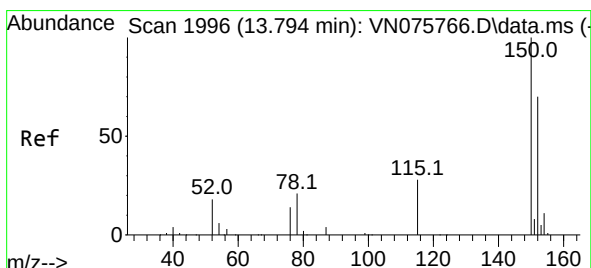
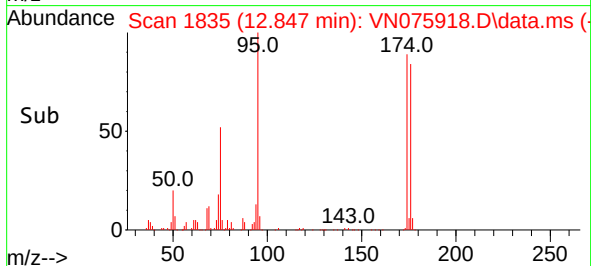
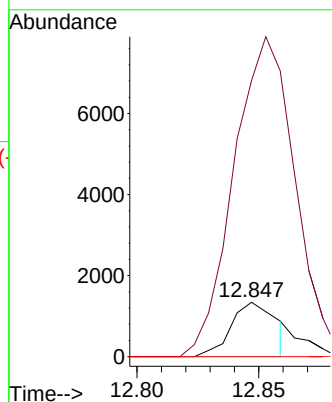
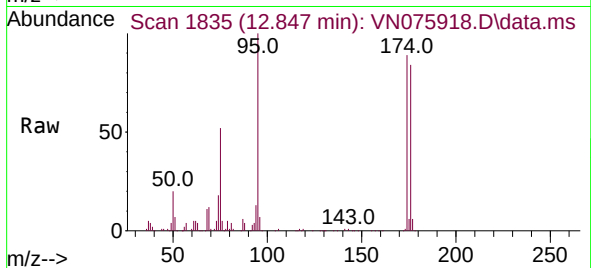
Tgt Ion:173 Resp: 1726

Ion Ratio Lower Upper

173 100

175 637.6 24.3 72.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

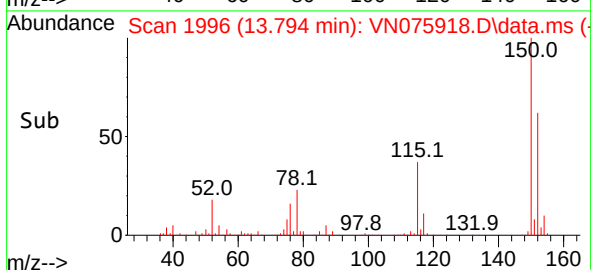
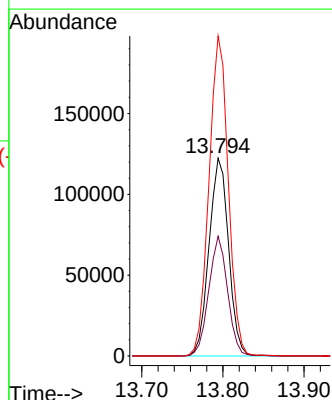
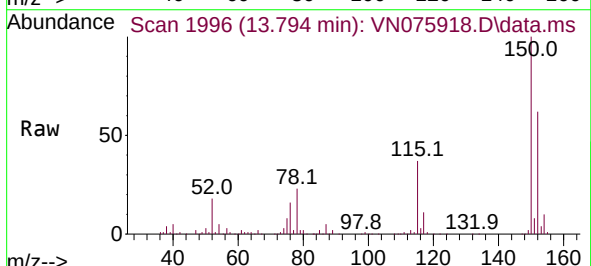
Tgt Ion:152 Resp: 204595

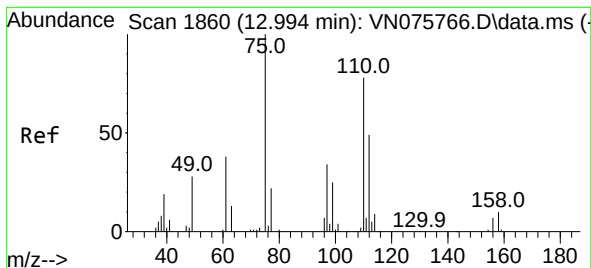
Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

150 159.4 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 26.111 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

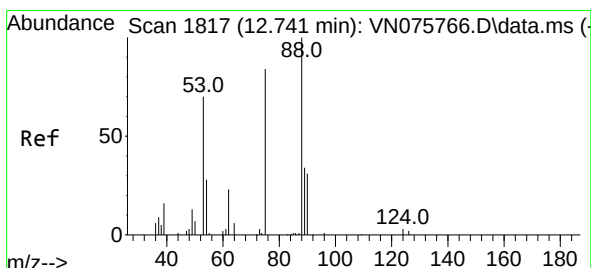
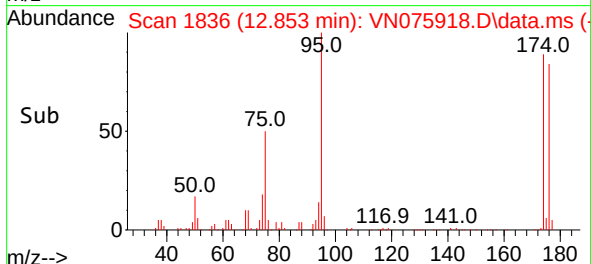
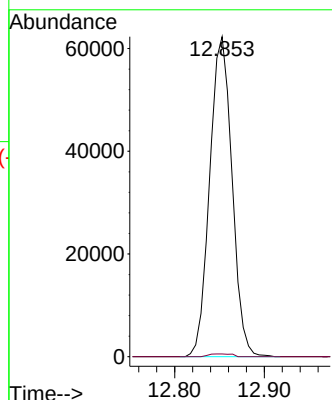
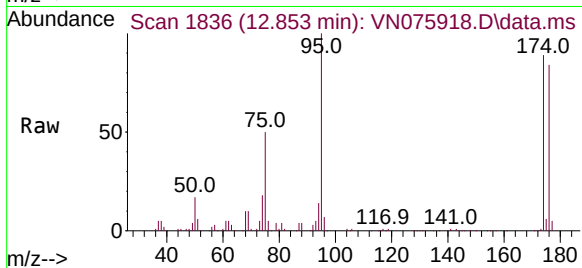
FB-01-122022

Tgt Ion: 75 Resp: 107684

Ion Ratio Lower Upper

75 100

77 0.9 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.985 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN075918.D

Acq: 21 Dec 2022 14:41

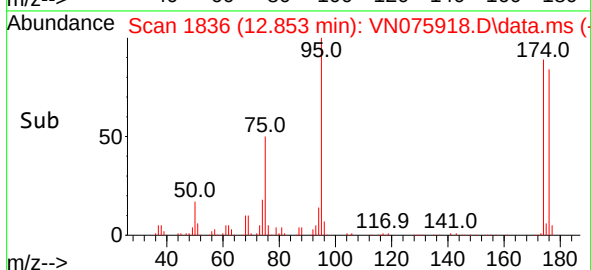
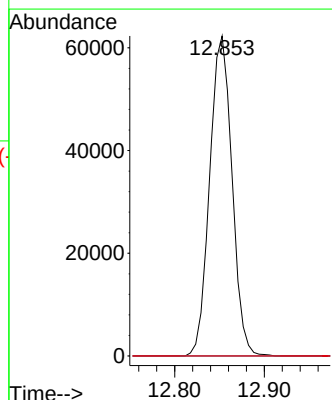
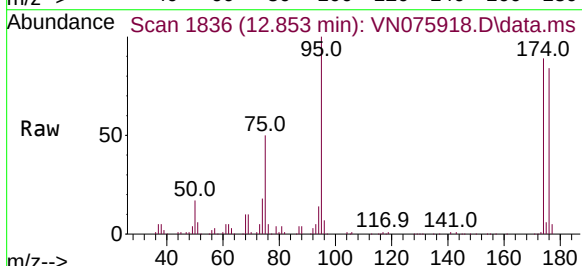
Tgt Ion: 75 Resp: 107684

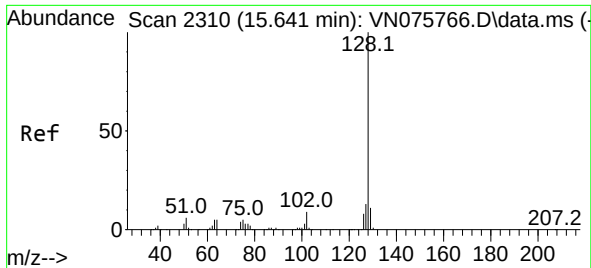
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.246 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075918.D

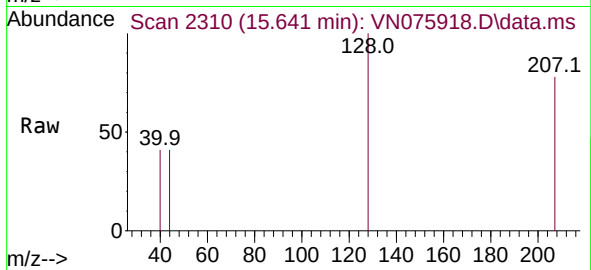
Acq: 21 Dec 2022 14:41

Instrument :

MSVOA_N

ClientSampleId :

FB-01-122022



Tgt Ion:128 Resp: 793

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

