

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071451.D
 Acq On : 22 Mar 2022 05:21
 Operator : JC\MD
 Sample : N2017-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-3-17-22

Quant Time: Mar 22 06:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

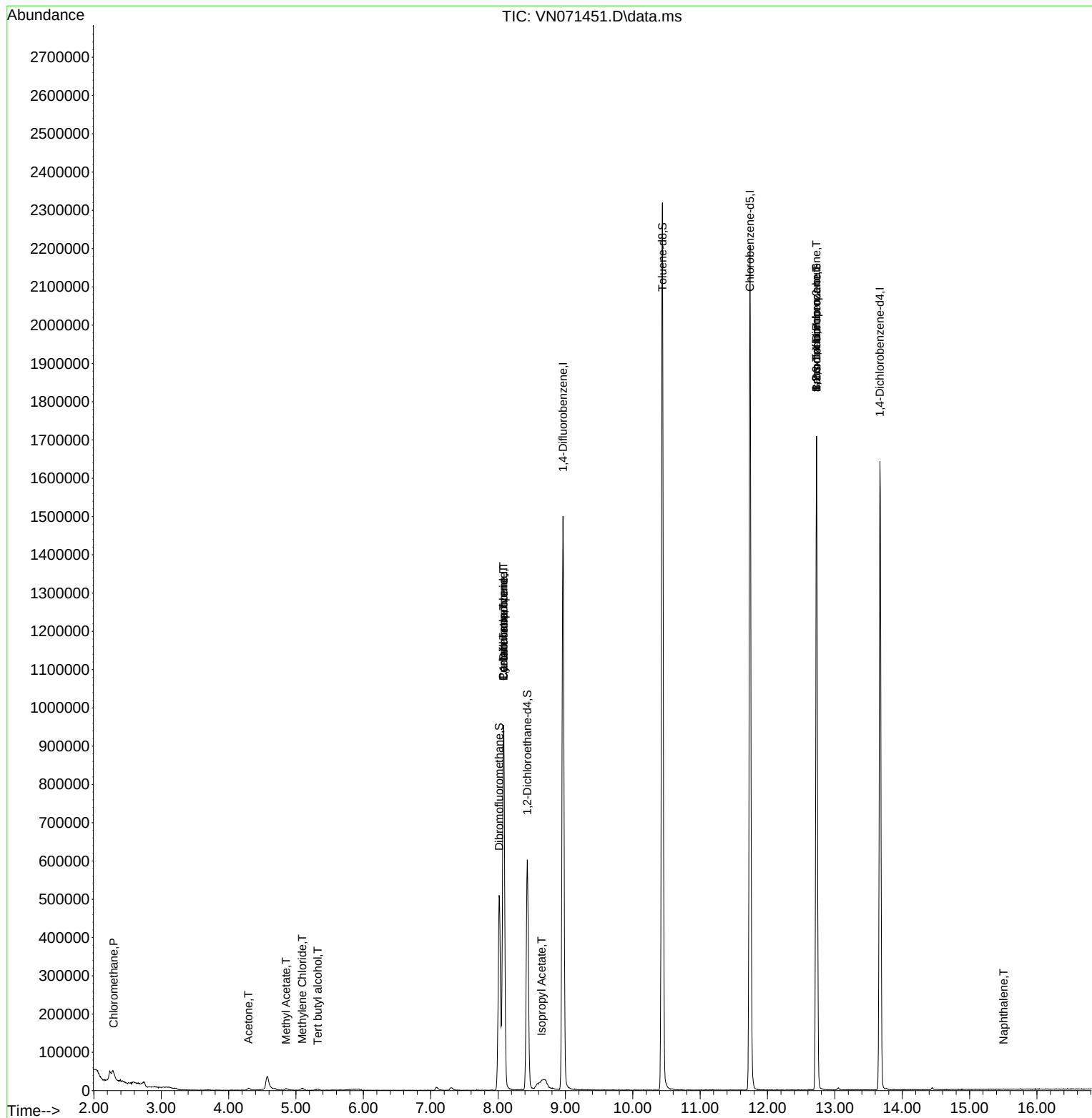
Internal Standards						
1) Pentafluorobenzene	8.081	168	746763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1273129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1236945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	449787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	496214	48.484	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.960%		
35) Dibromofluoromethane	8.016	113	370548	46.123	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.240%		
50) Toluene-d8	10.439	98	1582858	48.934	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.860%		
62) 4-Bromofluorobenzene	12.727	95	589629	53.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.660%		
Target Compounds			Qvalue			
3) Chloromethane	2.293	50	3634	0.296 ug/l #	80	
5) Bromomethane	2.857	94	436	Below Cal	97	
11) Tert butyl alcohol	5.322	59	2083	1.036 ug/l #	71	
16) Acetone	4.293	43	6925	1.391 ug/l #	82	
18) Methyl Acetate	4.851	43	10119	1.220 ug/l #	85	
20) Methylene Chloride	5.093	84	4037	0.822 ug/l #	80	
31) Cyclohexane	8.081	56	16465	1.007 ug/l #	3	
36) 1,1-Dichloropropene	8.081	75	59927	4.656 ug/l #	49	
38) Carbon Tetrachloride	8.081	117	73951	5.940 ug/l #	17	
43) Isopropyl Acetate	8.645	43	40649	1.534 ug/l #	55	
71) Bromoform	12.727	173	2916	0.394 ug/l #	1	
75) 1,1,2,2-Tetrachloroethane	12.739	83	586	Below Cal #	1	
76) 1,2,3-Trichloropropane	12.727	75	303472	26.512 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.727	75	303472	72.935 ug/l #	5	
95) Naphthalene	15.504	128	808	5.103 ug/l #	69	

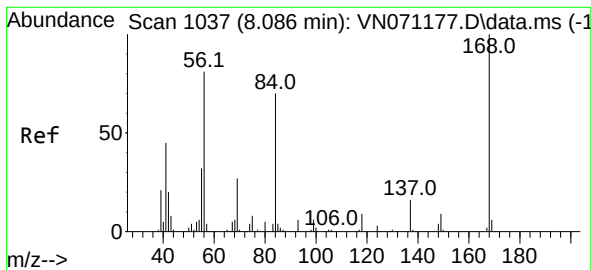
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VN071451.D

Acq: 22 Mar 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

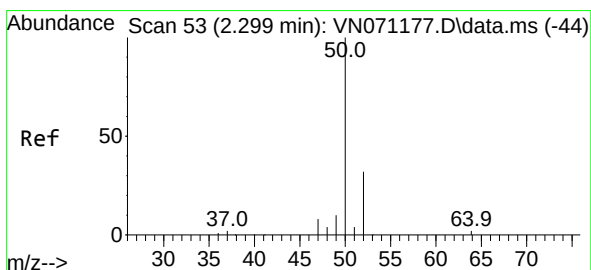
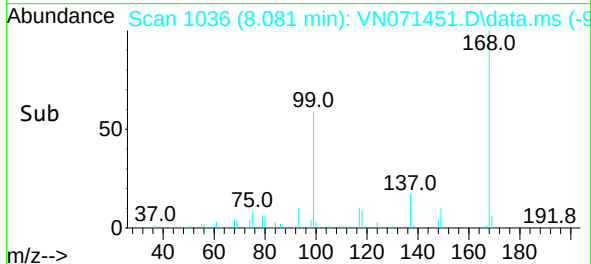
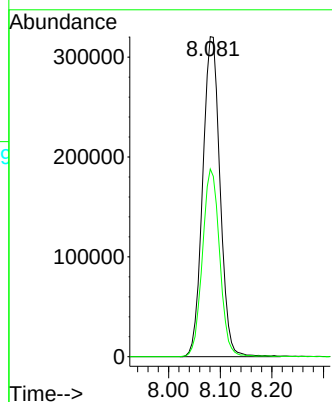
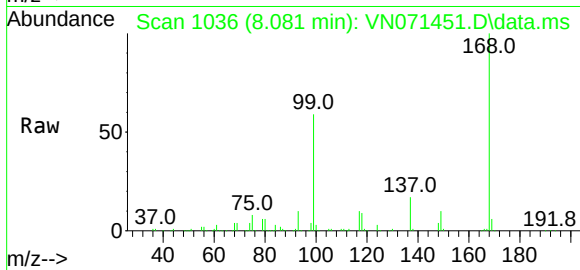
FB-3-17-22

Tgt Ion:168 Resp: 746763

Ion Ratio Lower Upper

168 100

99 58.6 41.3 61.9



#3

Chloromethane

Concen: 0.296 ug/l

RT: 2.293 min Scan# 52

Delta R.T. -0.006 min

Lab File: VN071451.D

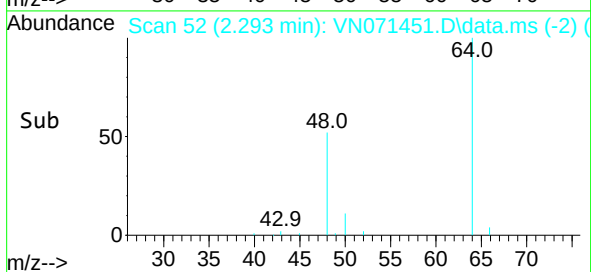
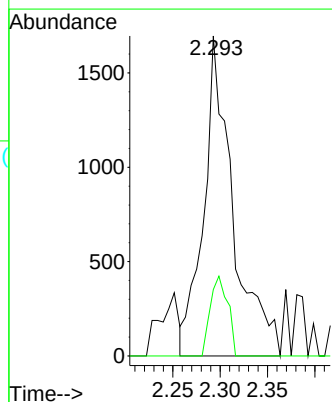
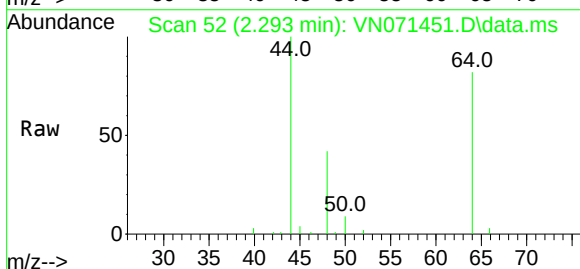
Acq: 22 Mar 2022 05:21

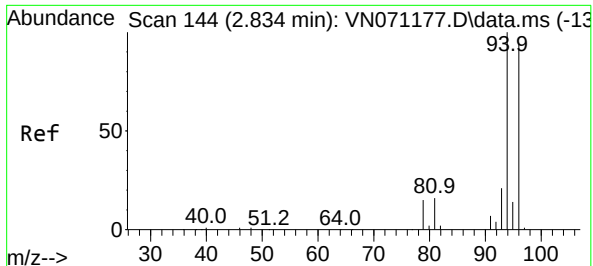
Tgt Ion: 50 Resp: 3634

Ion Ratio Lower Upper

50 100

52 20.8 25.4 38.0#

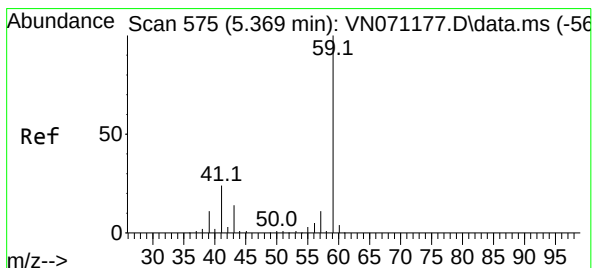
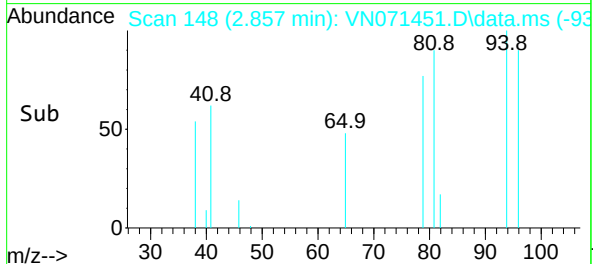
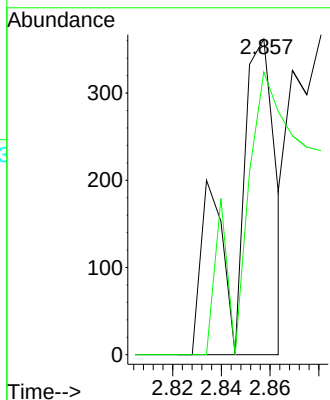
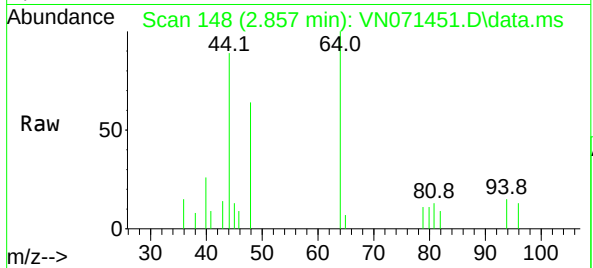




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 14
Delta R.T. 0.023 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

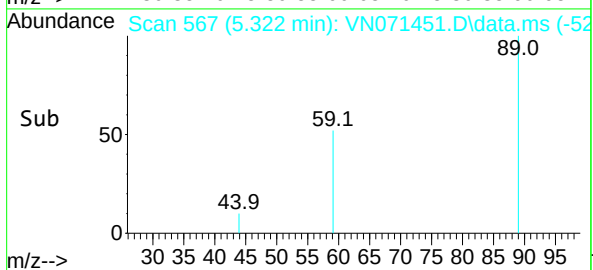
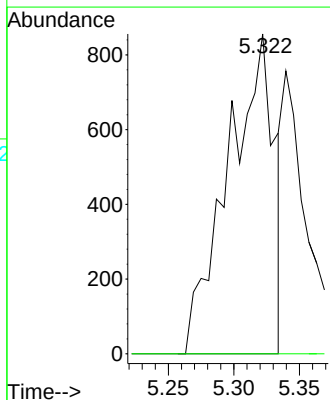
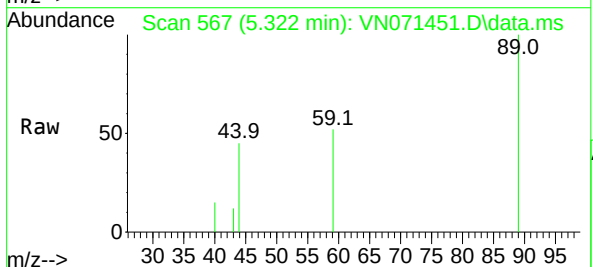
Instrument :
MSVOA_N
ClientSampleId :
FB-3-17-22

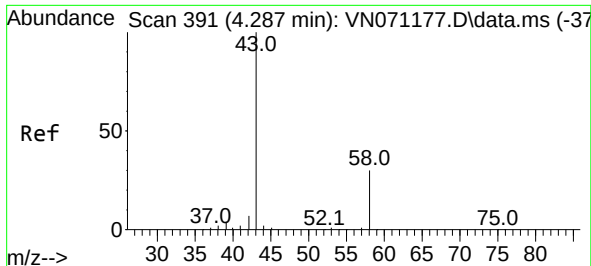
Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 89.5 73.8 110.8



#11
Tert butyl alcohol
Concen: 1.036 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.047 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

Tgt Ion: 59 Resp: 2083
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#16

Acetone

Concen: 1.391 ug/l

RT: 4.293 min Scan# 391

Delta R.T. 0.006 min

Lab File: VN071451.D

Acq: 22 Mar 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

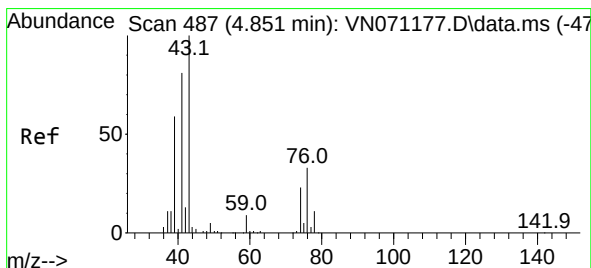
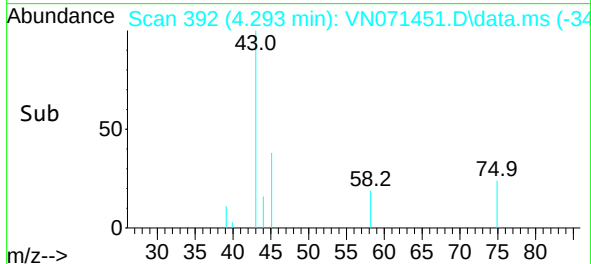
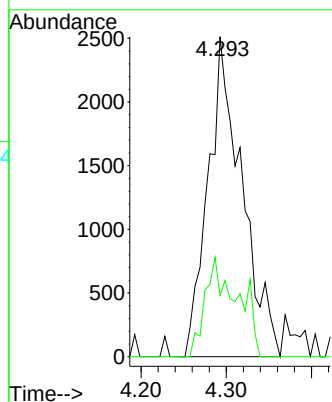
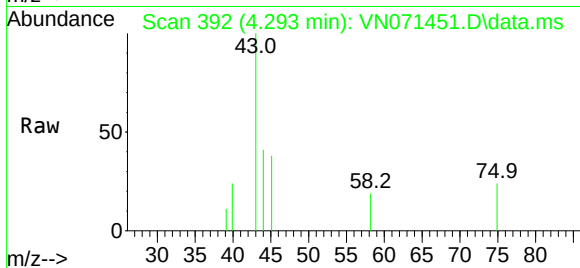
FB-3-17-22

Tgt Ion: 43 Resp: 6925

Ion Ratio Lower Upper

43 100

58 19.2 23.1 34.7#



#18

Methyl Acetate

Concen: 1.220 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.000 min

Lab File: VN071451.D

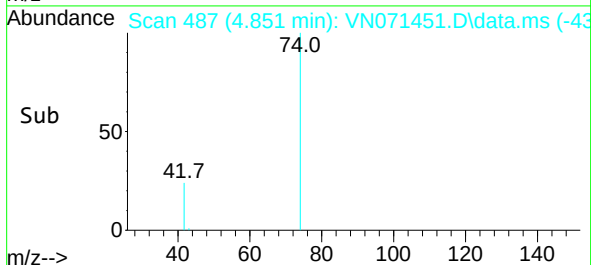
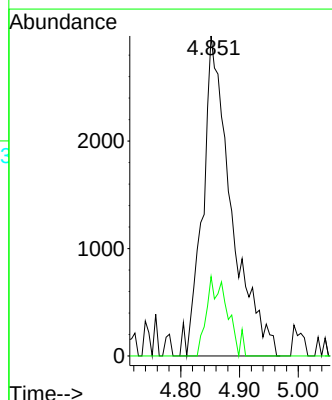
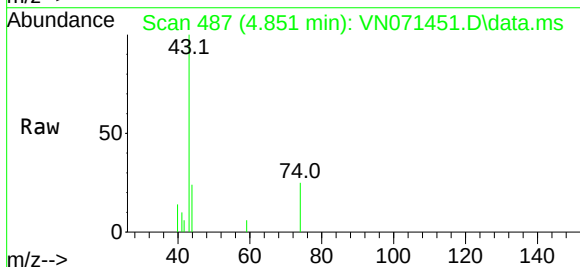
Acq: 22 Mar 2022 05:21

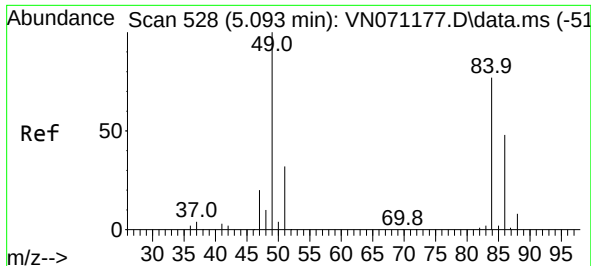
Tgt Ion: 43 Resp: 10119

Ion Ratio Lower Upper

43 100

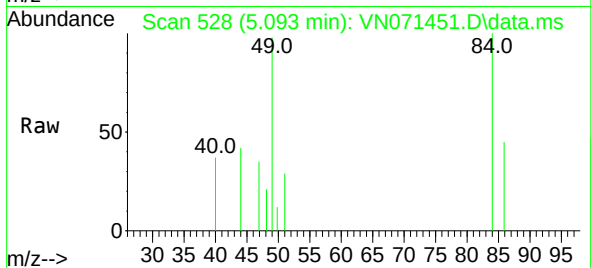
74 17.0 19.4 29.2#



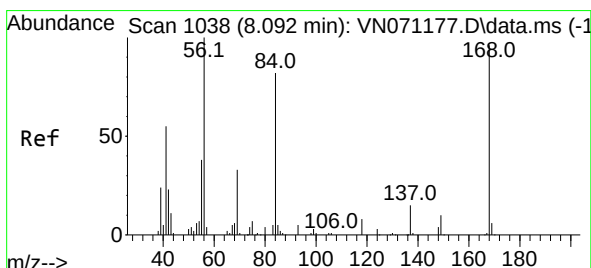
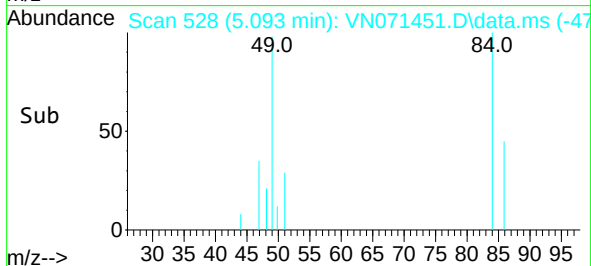
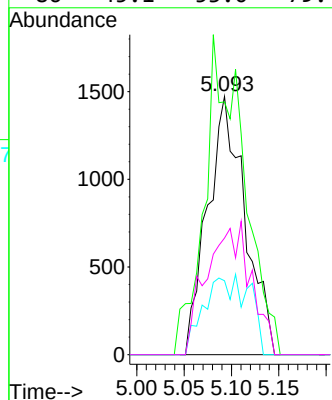


#20
Methylene Chloride
Concen: 0.822 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

Instrument :
MSVOA_N
ClientSampleId :
FB-3-17-22

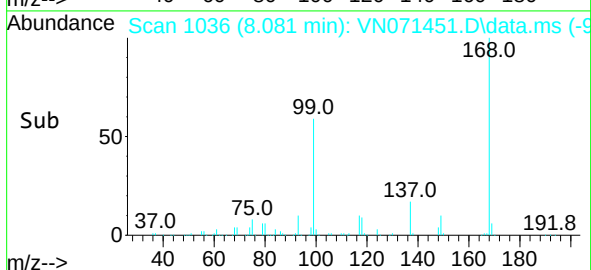
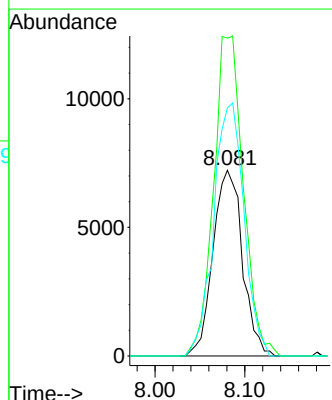
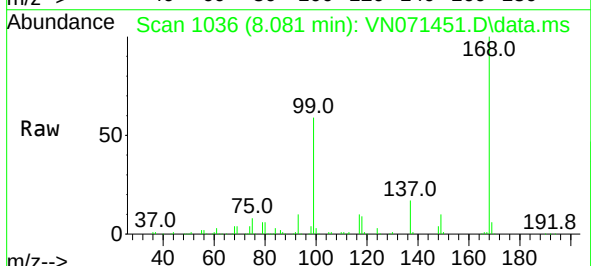


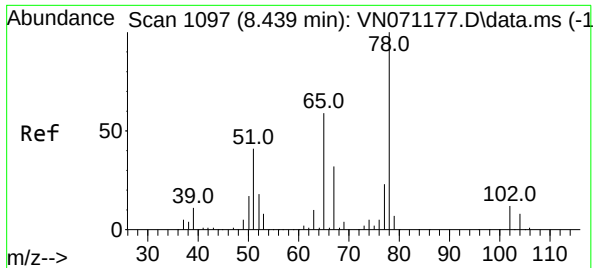
Tgt Ion:	84	Resp:	4037
Ion	Ratio	Lower	Upper
84	100		
49	97.9	93.5	140.3
51	28.6	29.4	44.2#
86	45.1	53.0	79.4#



#31
Cyclohexane
Concen: 1.007 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

Tgt Ion:	56	Resp:	16465
Ion	Ratio	Lower	Upper
56	100		
69	171.1	27.1	40.7#
84	133.5	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 48.484 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071451.D

Acq: 22 Mar 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

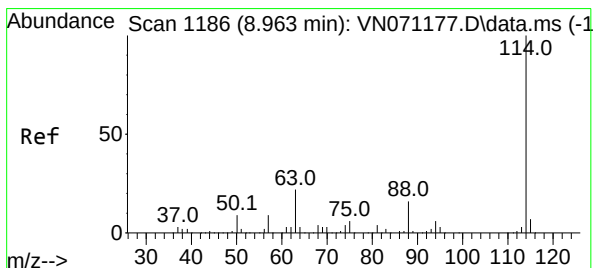
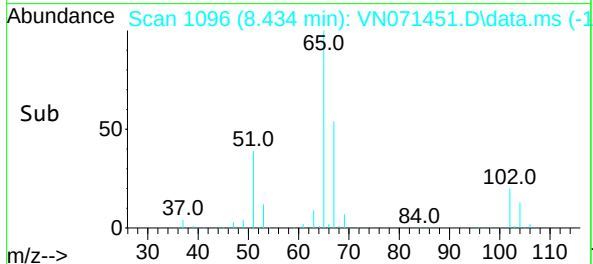
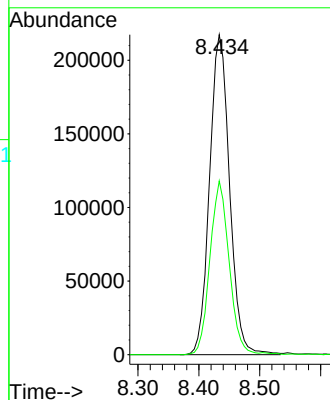
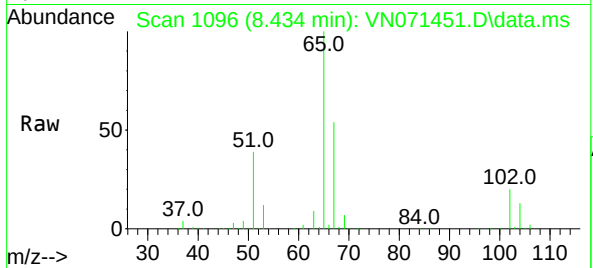
FB-3-17-22

Tgt Ion: 65 Resp: 496214

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071451.D

Acq: 22 Mar 2022 05:21

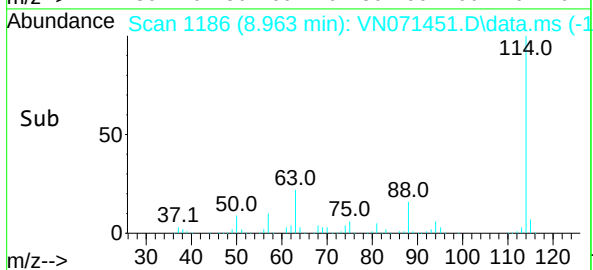
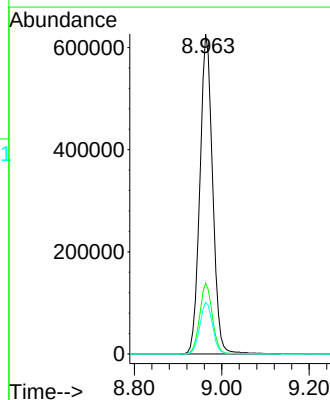
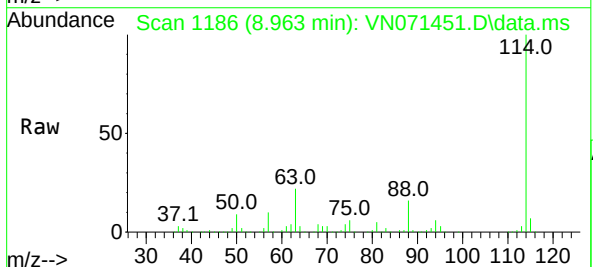
Tgt Ion: 114 Resp: 1273129

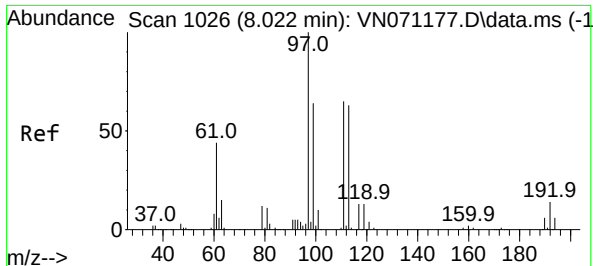
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.1 0.0 27.4





#35

Dibromofluoromethane

Concen: 46.123 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VN071451.D

Acq: 22 Mar 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

FB-3-17-22

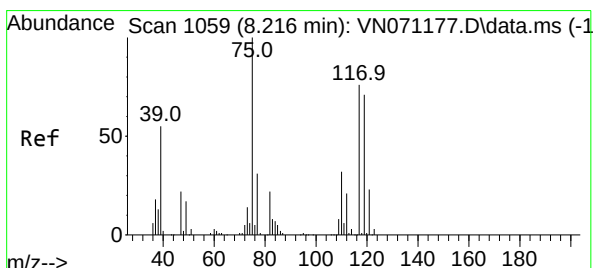
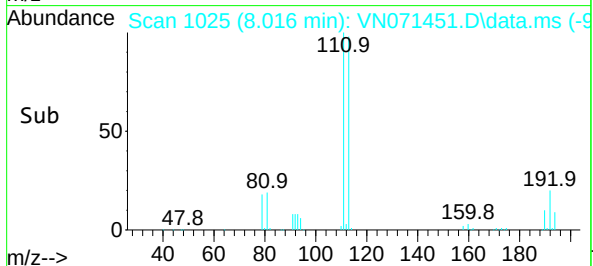
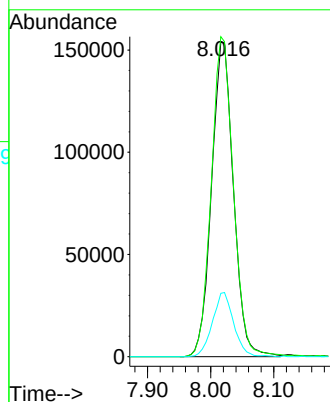
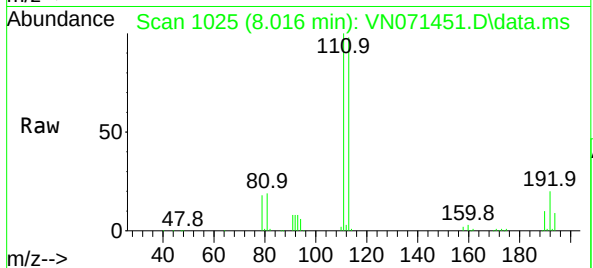
Tgt Ion:113 Resp: 370548

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 19.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.656 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071451.D

Acq: 22 Mar 2022 05:21

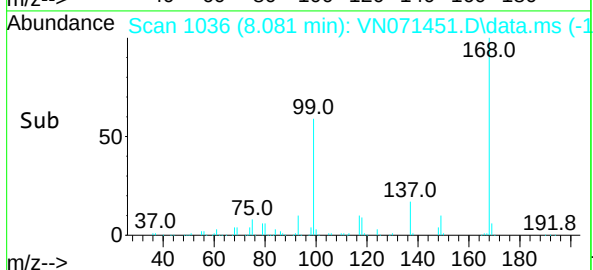
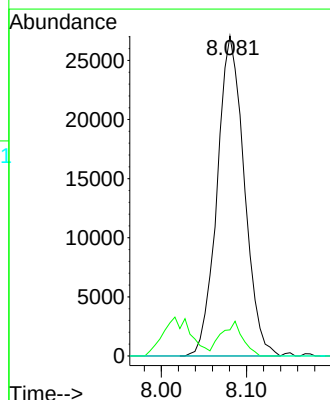
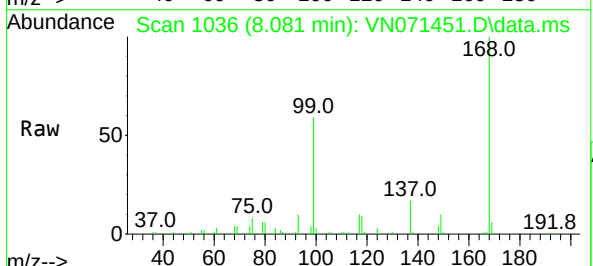
Tgt Ion: 75 Resp: 59927

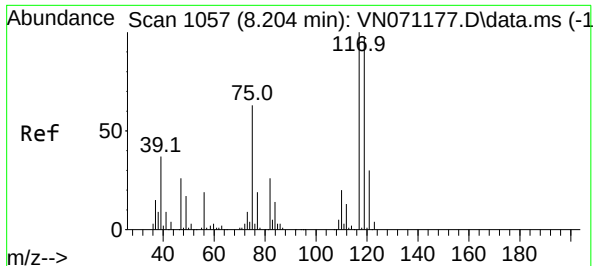
Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

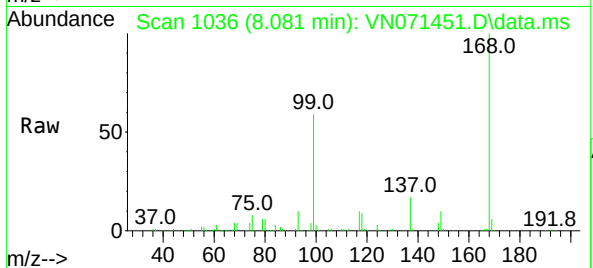
77 0.0 24.4 36.6#



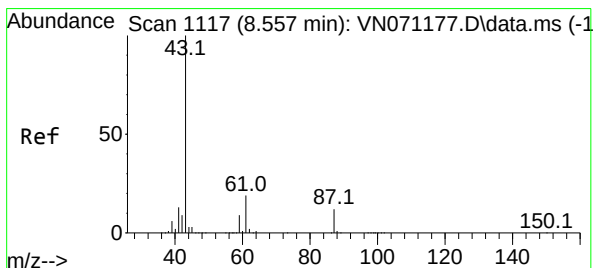
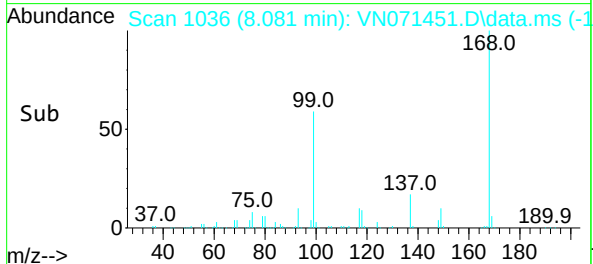
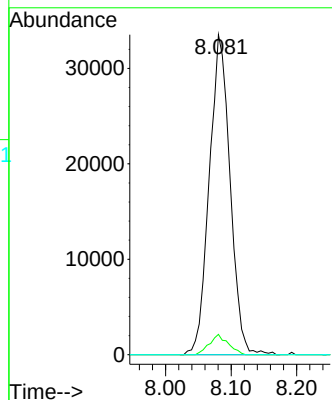


#38
Carbon Tetrachloride
Concen: 5.940 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

Instrument :
MSVOA_N
ClientSampleId :
FB-3-17-22

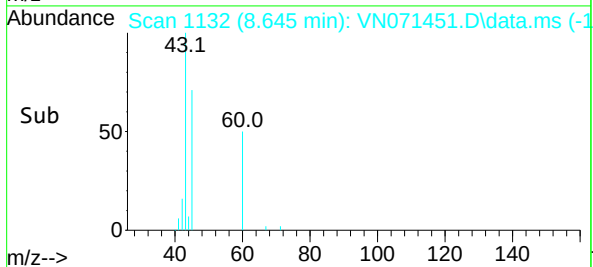
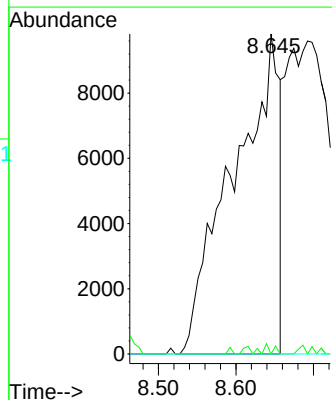
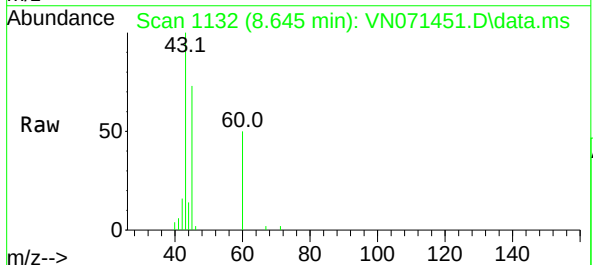


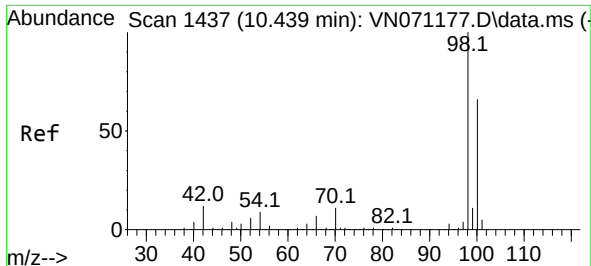
Tgt Ion:117 Resp: 73951
Ion Ratio Lower Upper
117 100
119 6.4 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 1.534 ug/l
RT: 8.645 min Scan# 1132
Delta R.T. 0.088 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

Tgt Ion: 43 Resp: 40649
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

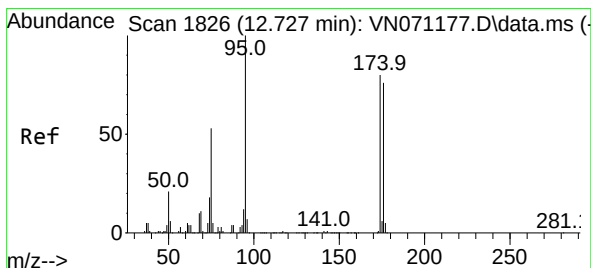
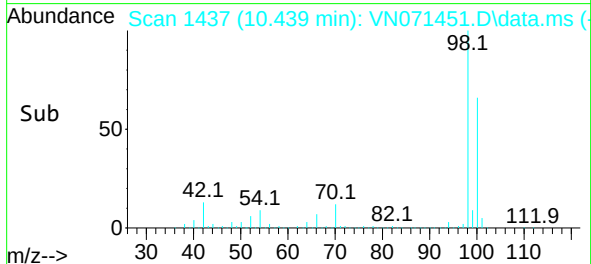
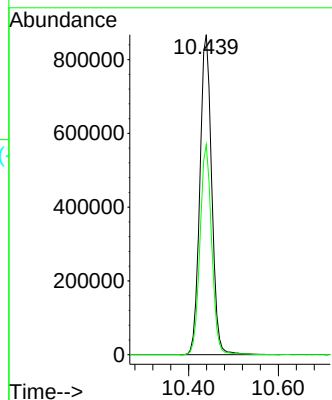
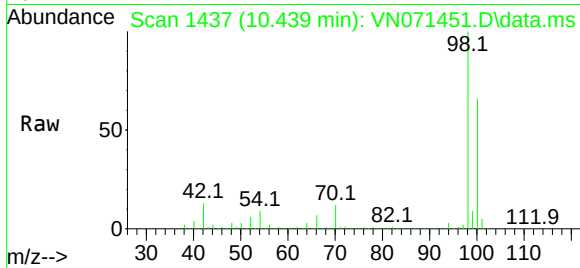




#50
Toluene-d8
Concen: 48.934 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

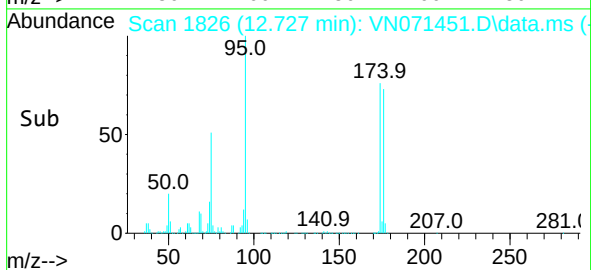
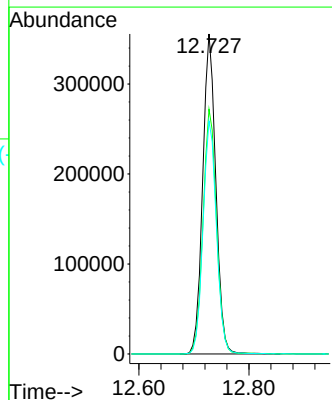
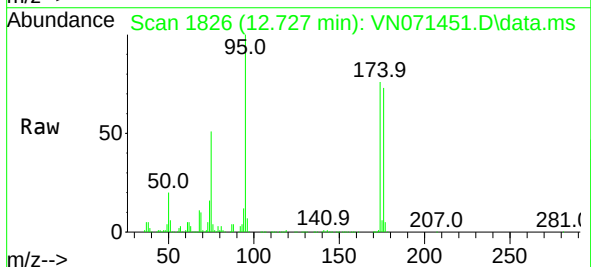
Instrument :
MSVOA_N
ClientSampleId :
FB-3-17-22

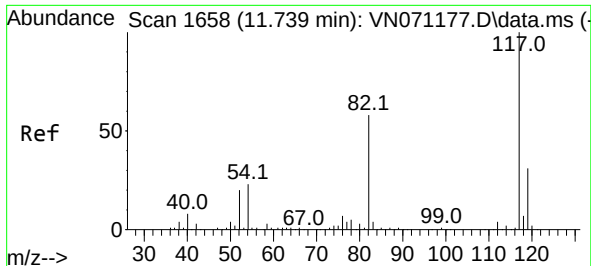
Tgt Ion: 98 Resp: 1582858
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.831 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

Tgt Ion: 95 Resp: 589629
Ion Ratio Lower Upper
95 100
174 78.1 0.0 187.2
176 74.4 0.0 181.4

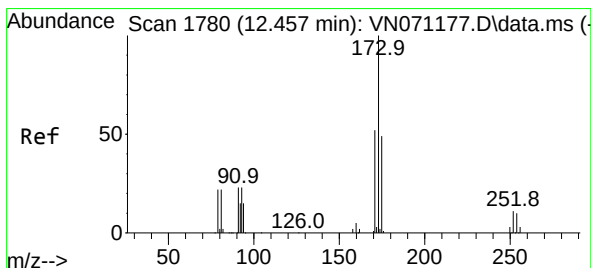
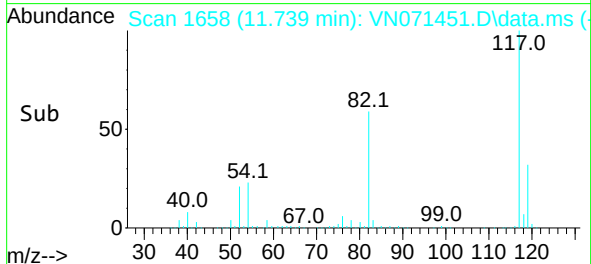
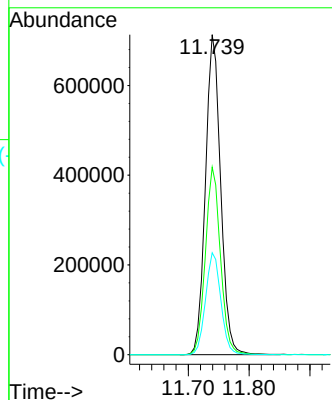
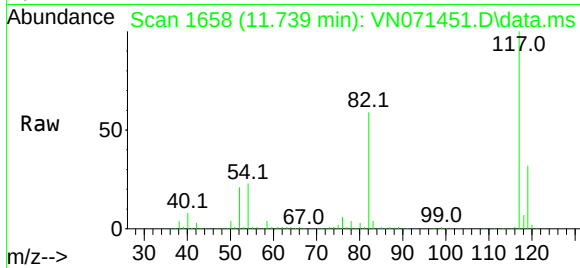




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

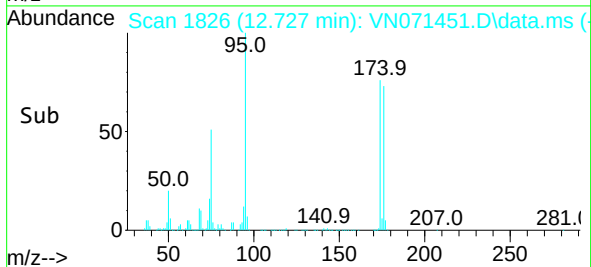
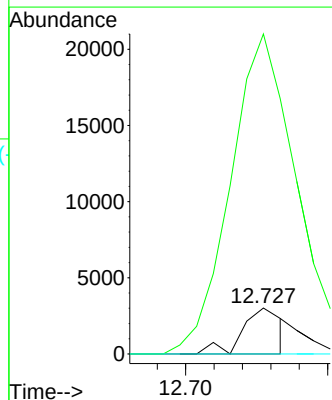
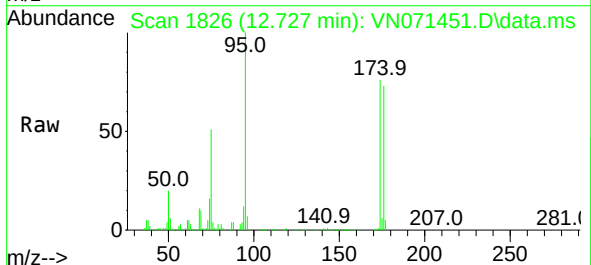
Instrument :
MSVOA_N
ClientSampleId :
FB-3-17-22

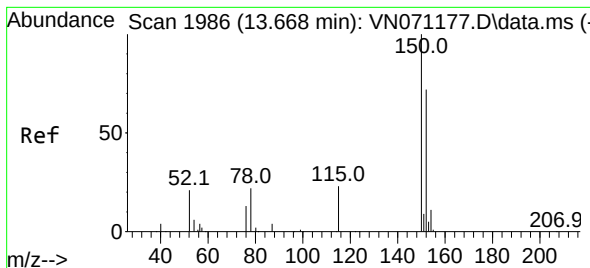
Tgt Ion:117 Resp: 1236945
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.9 25.4 38.2



#71
Bromoform
Concen: 0.394 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

Tgt Ion:173 Resp: 2916
Ion Ratio Lower Upper
173 100
175 902.7 24.2 72.6#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN071451.D

Acq: 22 Mar 2022 05:21

Instrument :

MSVOA_N

ClientSampleId :

FB-3-17-22

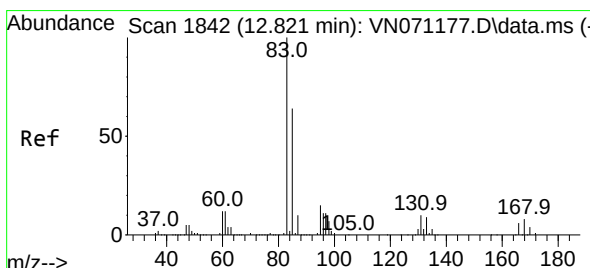
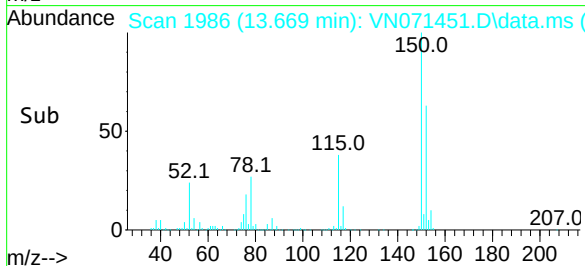
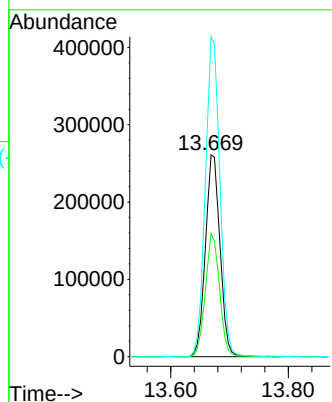
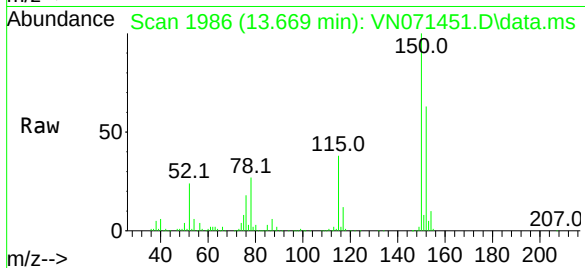
Tgt Ion:152 Resp: 449787

Ion Ratio Lower Upper

152 100

115 59.0 27.5 82.5

150 157.6 0.0 344.4



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.739 min Scan# 1828

Delta R.T. -0.082 min

Lab File: VN071451.D

Acq: 22 Mar 2022 05:21

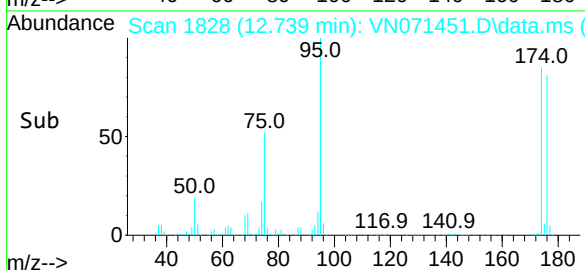
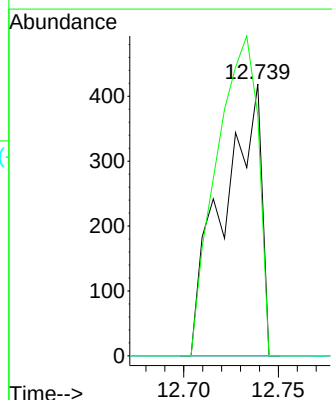
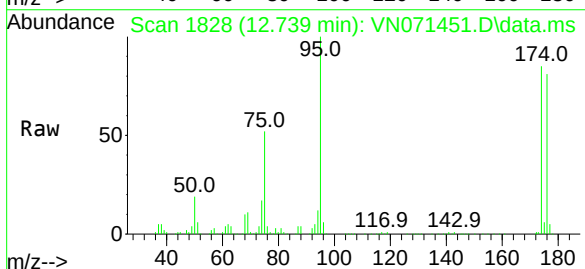
Tgt Ion: 83 Resp: 586

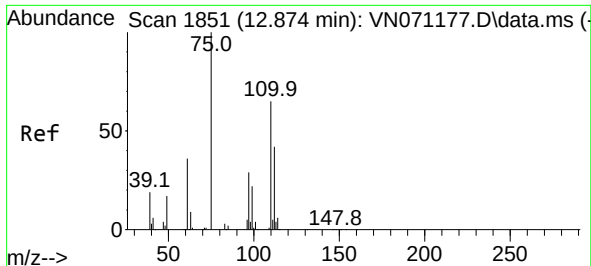
Ion Ratio Lower Upper

83 100

131 128.3 5.5 16.5#

85 0.0 32.4 97.2#

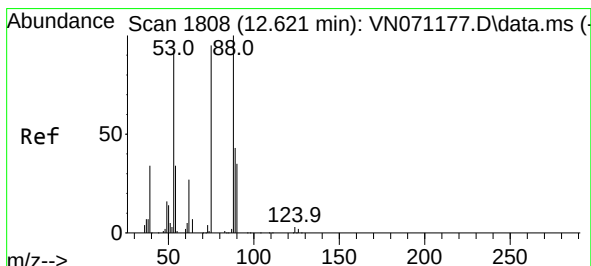
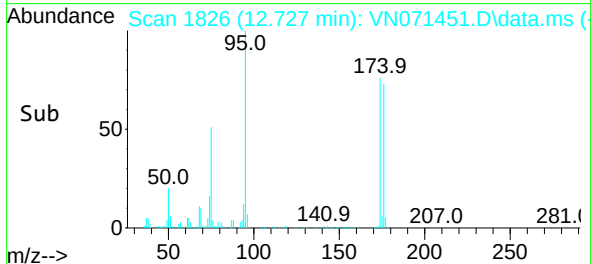
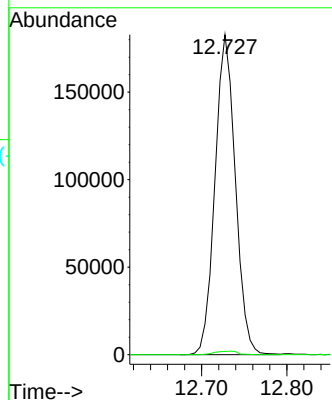
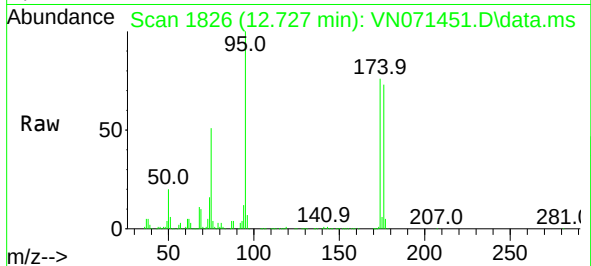




#76
1,2,3-Trichloropropane
Concen: 26.512 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

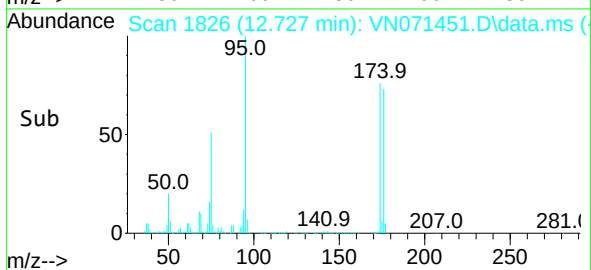
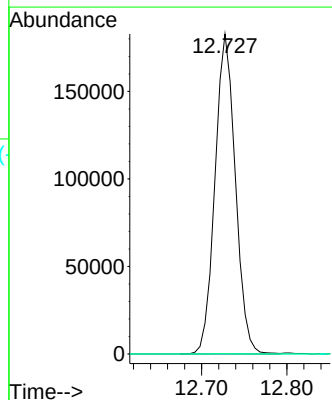
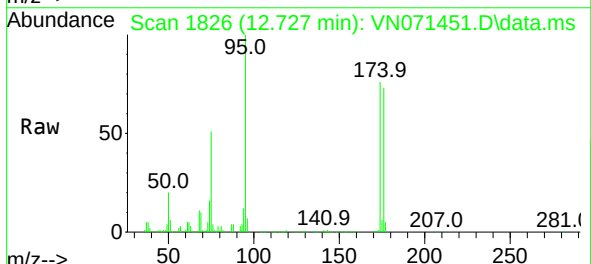
Instrument :
MSVOA_N
ClientSampleId :
FB-3-17-22

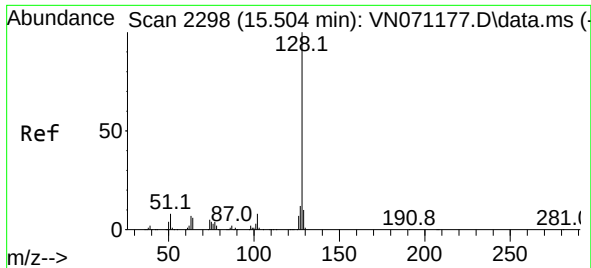
Tgt Ion: 75 Resp: 303472
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.935 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

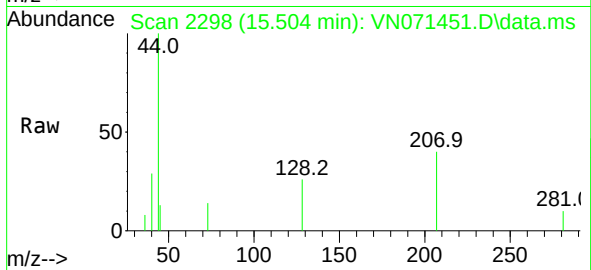
Tgt Ion: 75 Resp: 303472
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#





#95
Naphthalene
Concen: 5.103 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071451.D
Acq: 22 Mar 2022 05:21

Instrument :
MSVOA_N
ClientSampleId :
FB-3-17-22



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#

