

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071285.D
 Acq On : 15 Mar 2022 12:17
 Operator : JC\MD
 Sample : VN0315MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBL01

Quant Time: Mar 15 18:57:03 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)

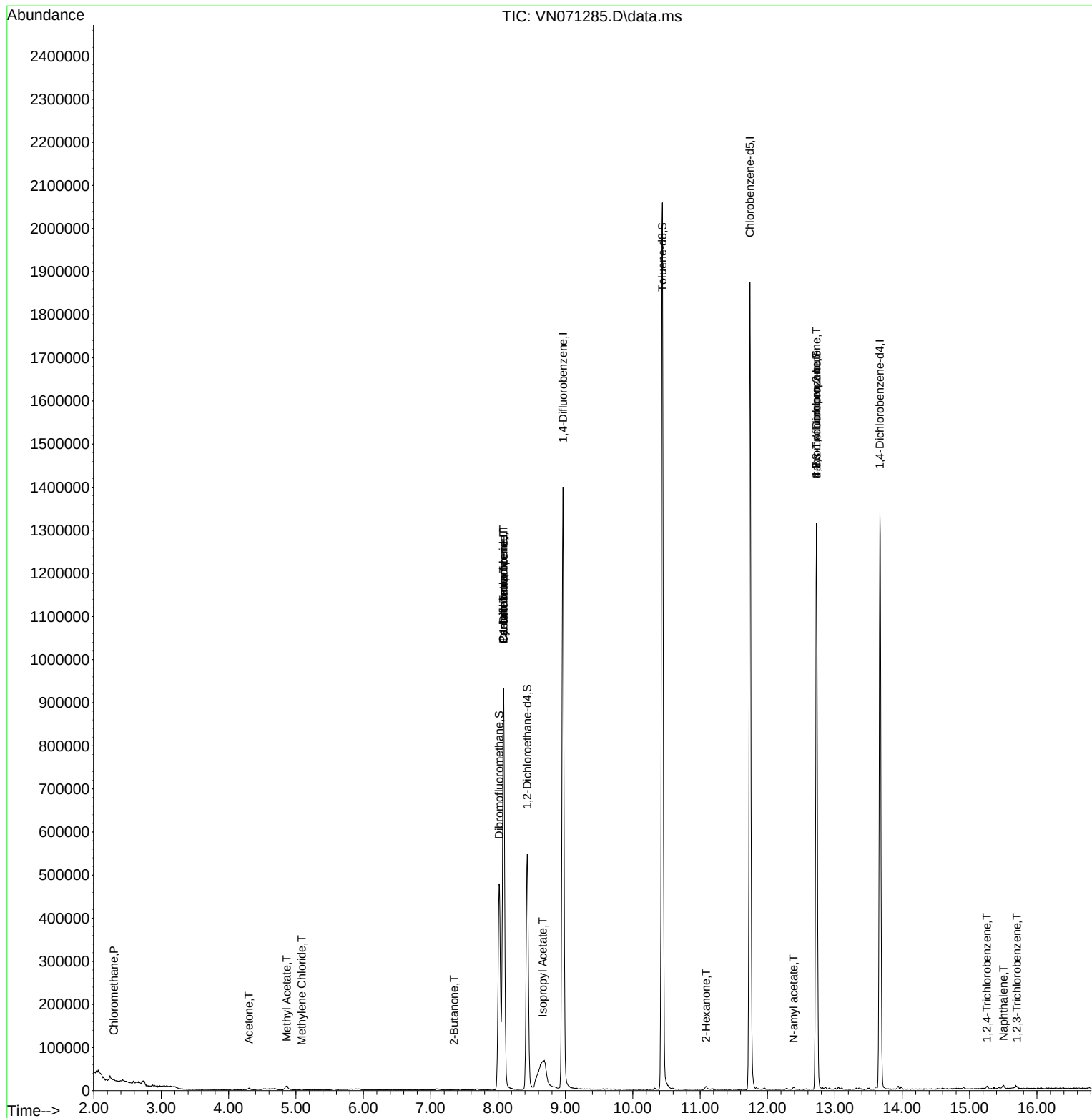
Internal Standards						
1) Pentafluorobenzene	8.081	168	713228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1196796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1084730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	371925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	465632	47.635	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.260%		
35) Dibromofluoromethane	8.016	113	362464	47.994	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.980%		
50) Toluene-d8	10.439	98	1453691	47.807	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.620%		
62) 4-Bromofluorobenzene	12.727	95	460919	44.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.520%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	2722	0.225	ug/l	90
5) Bromomethane	2.881	94	2060	Below Cal	#	64
16) Acetone	4.299	43	4685	0.985	ug/l	96
18) Methyl Acetate	4.863	43	19074	1.949	ug/l	# 72
20) Methylene Chloride	5.087	84	388	0.426	ug/l	# 65
25) 2-Butanone	7.345	43	1924	0.251	ug/l	# 48
31) Cyclohexane	8.081	56	14984	0.960	ug/l	# 7
36) 1,1-Dichloropropene	8.081	75	56628	4.680	ug/l	# 49
38) Carbon Tetrachloride	8.081	117	71864	6.140	ug/l	# 16
43) Isopropyl Acetate	8.663	43	197764	7.941	ug/l	# 55
59) 2-Hexanone	11.086	43	6696	0.635	ug/l	96
74) N-amyl acetate	12.386	43	4315	0.320	ug/l	# 84
75) 1,1,2,2-Tetrachloroethane	12.822	83	896	Below Cal	#	87
76) 1,2,3-Trichloropropane	12.727	75	236853	24.856	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	236853	68.841	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.257	180	2815	3.423	ug/l	93
95) Naphthalene	15.504	128	8517	5.516	ug/l	97
96) 1,2,3-Trichlorobenzene	15.704	180	2993	3.216	ug/l	91

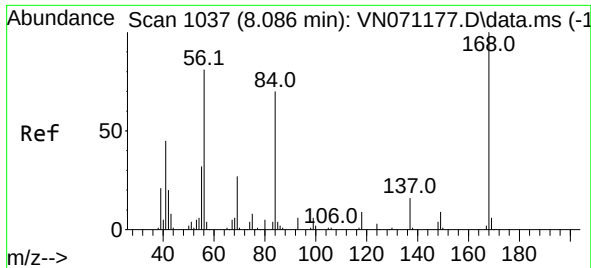
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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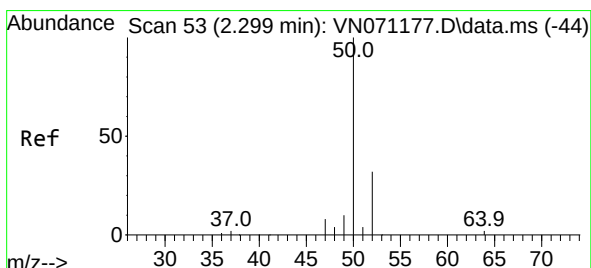
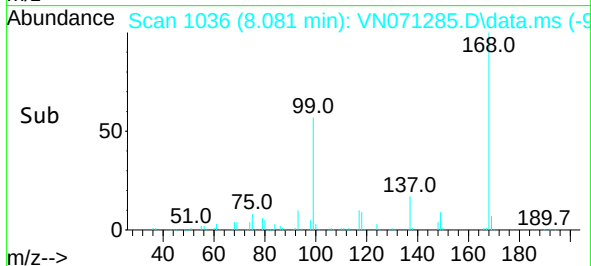
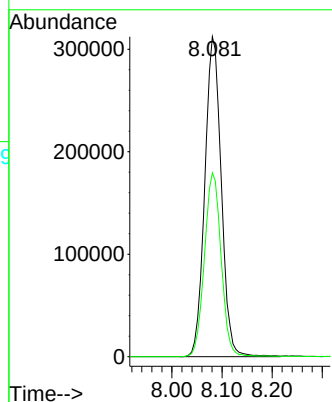
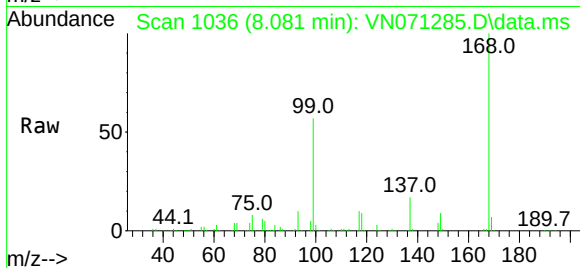




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

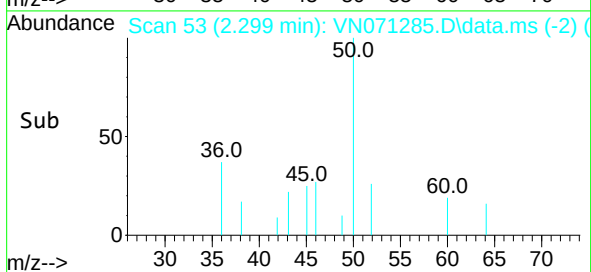
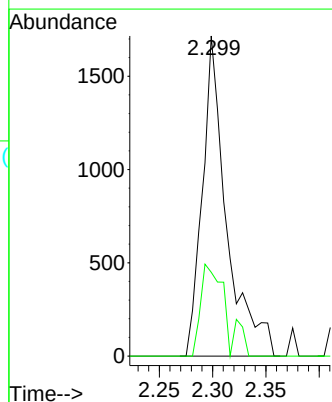
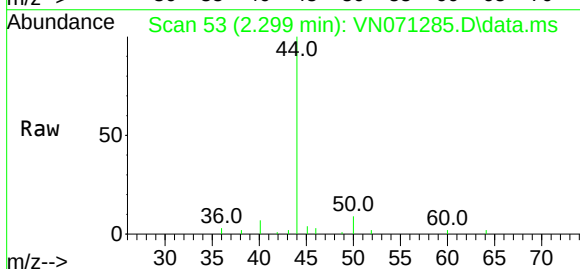
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

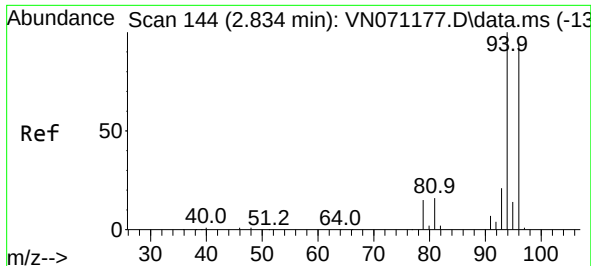
Tgt Ion:168 Resp: 713228
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#3
Chloromethane
Concen: 0.225 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion: 50 Resp: 2722
Ion Ratio Lower Upper
50 100
52 26.2 25.4 38.0

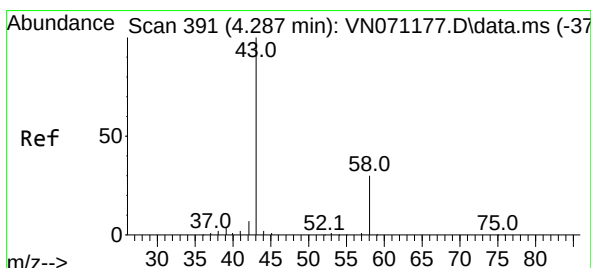
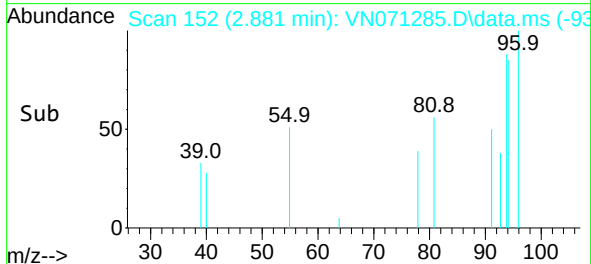
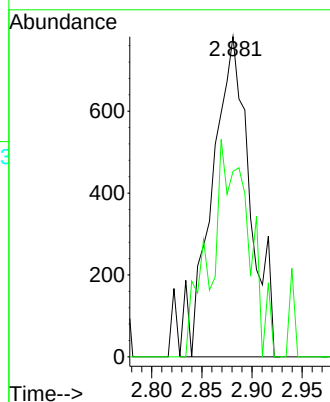
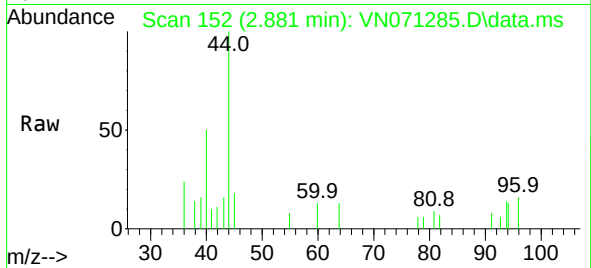




#5
Bromomethane
Concen: Below Cal
RT: 2.881 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

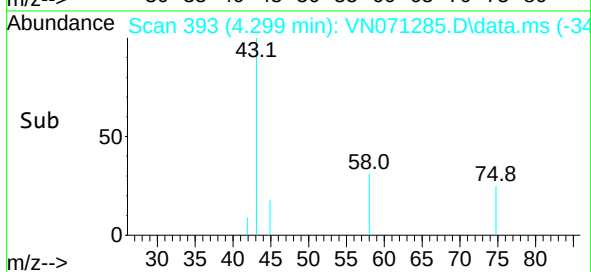
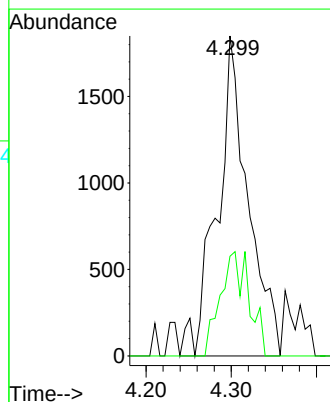
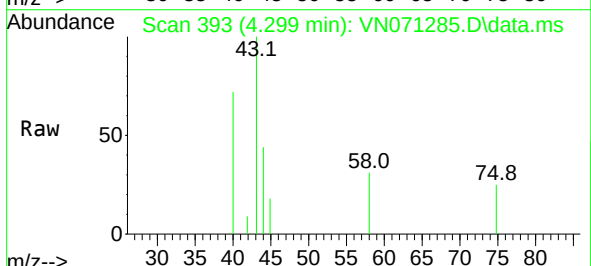
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

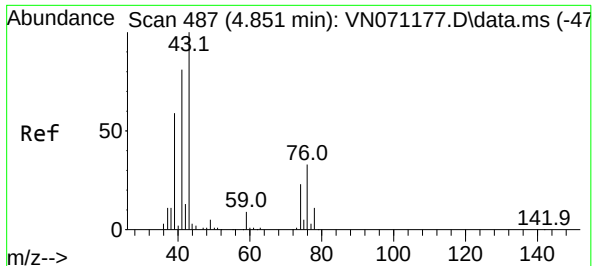
Tgt Ion: 94 Resp: 2060
Ion Ratio Lower Upper
94 100
96 57.9 73.8 110.8#



#16
Acetone
Concen: 0.985 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.012 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion: 43 Resp: 4685
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7

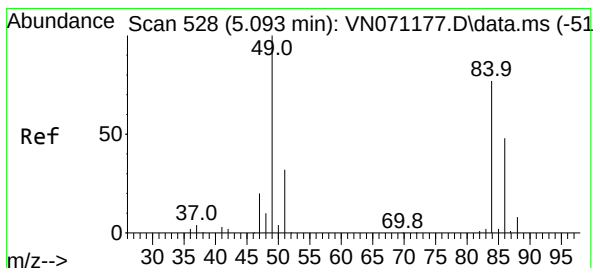
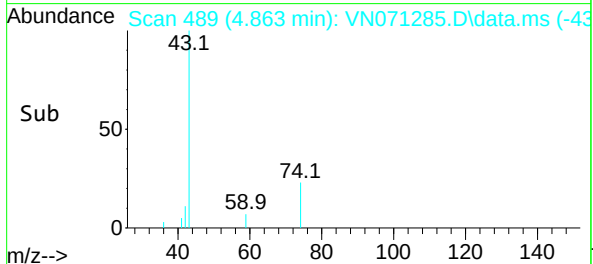
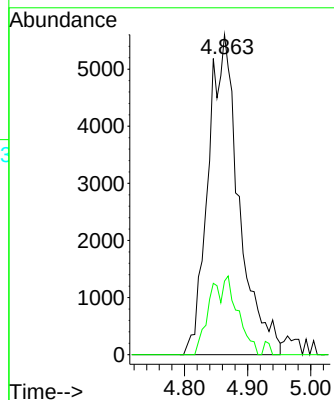
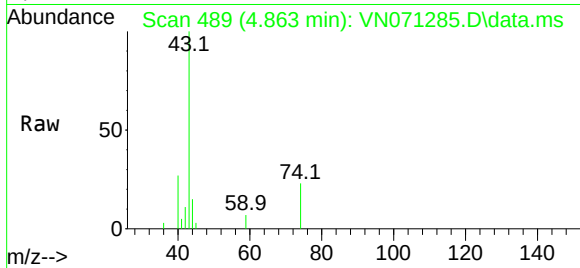




#18
Methyl Acetate
Concen: 1.949 ug/l
RT: 4.863 min Scan# 487
Delta R.T. 0.012 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

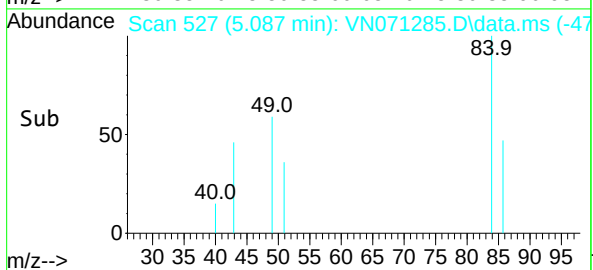
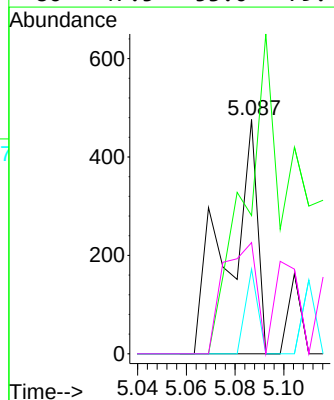
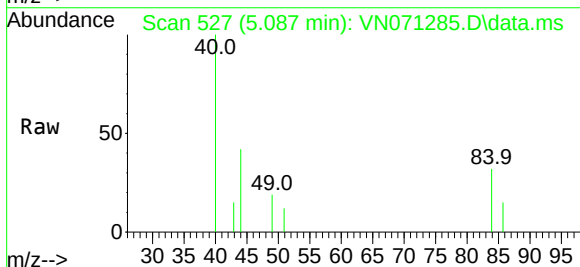
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

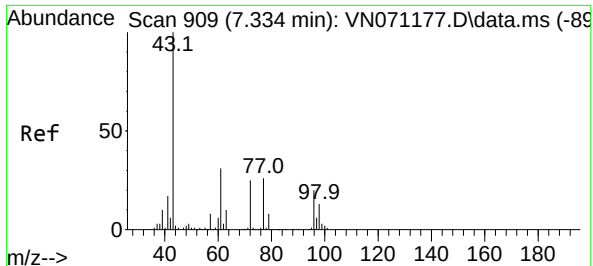
Tgt Ion: 43 Resp: 19074
Ion Ratio Lower Upper
43 100
74 10.2 19.4 29.2#



#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion: 84 Resp: 388
Ion Ratio Lower Upper
84 100
49 59.0 93.5 140.3#
51 36.1 29.4 44.2
86 47.5 53.0 79.4#





#25

2-Butanone

Concen: 0.251 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.012 min

Lab File: VN071285.D

Acq: 15 Mar 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

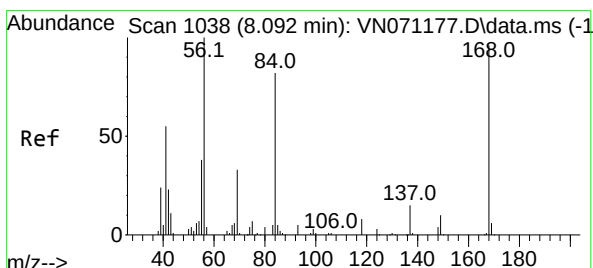
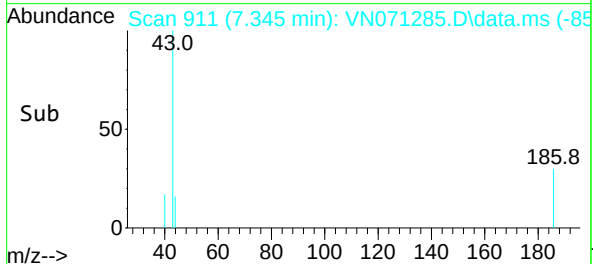
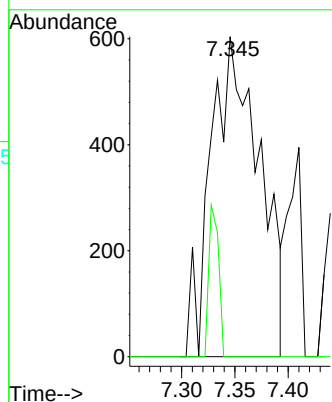
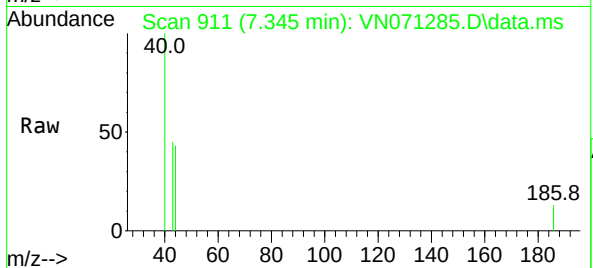
VN0315MBL01

Tgt Ion: 43 Resp: 1924

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 0.960 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071285.D

Acq: 15 Mar 2022 12:17

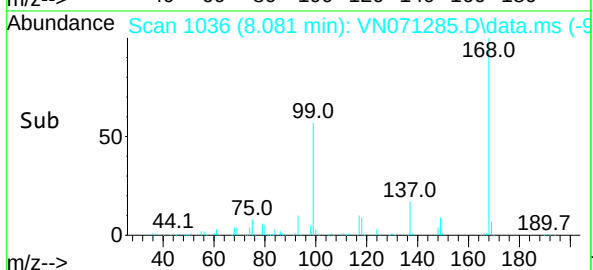
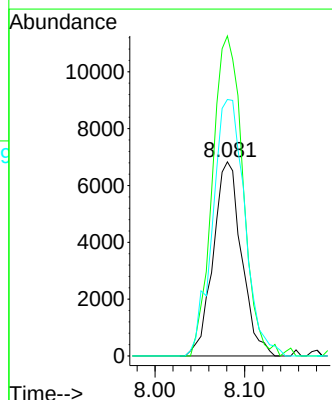
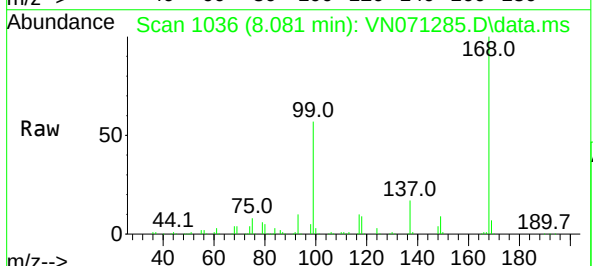
Tgt Ion: 56 Resp: 14984

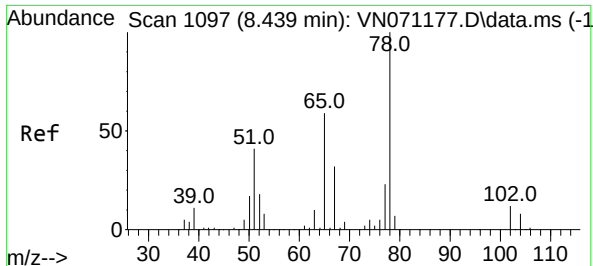
Ion Ratio Lower Upper

56 100

69 164.9 27.1 40.7#

84 132.1 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 47.635 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071285.D

Acq: 15 Mar 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

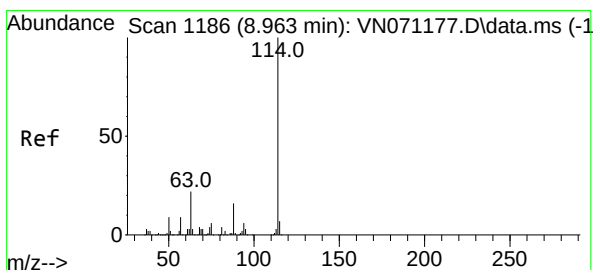
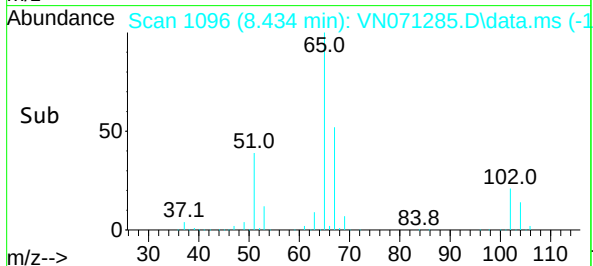
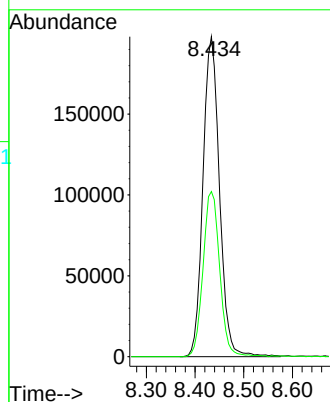
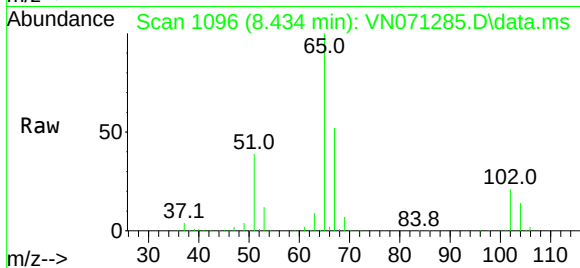
VN0315MBL01

Tgt Ion: 65 Resp: 465632

Ion Ratio Lower Upper

65 100

67 52.1 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: VN071285.D

Acq: 15 Mar 2022 12:17

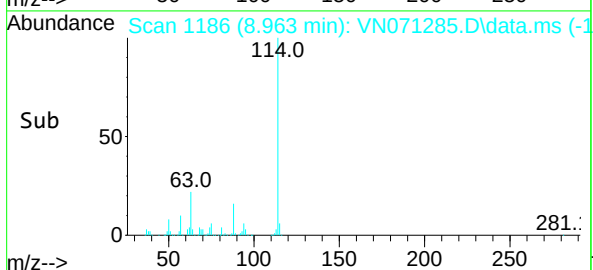
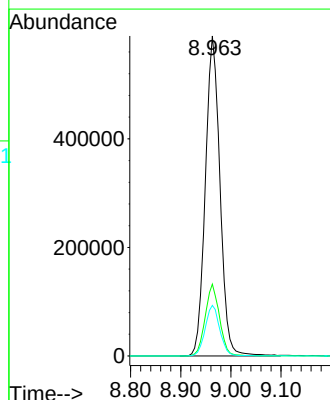
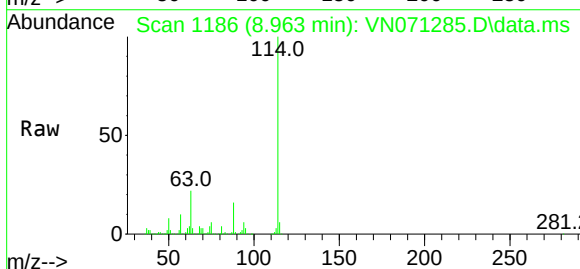
Tgt Ion: 114 Resp: 1196796

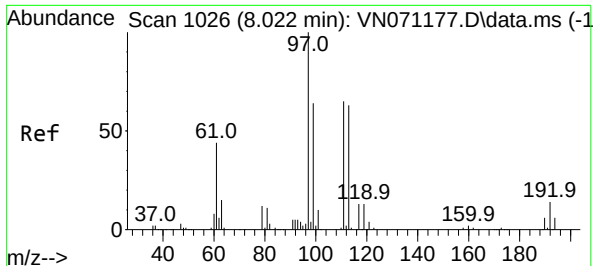
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 15.8 0.0 27.4





#35

Dibromofluoromethane

Concen: 47.994 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VN071285.D

Acq: 15 Mar 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0315MBL01

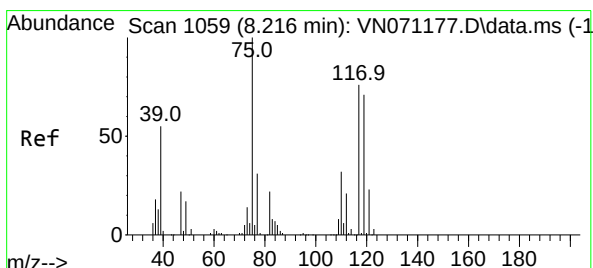
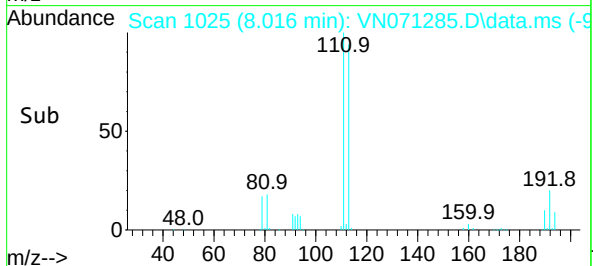
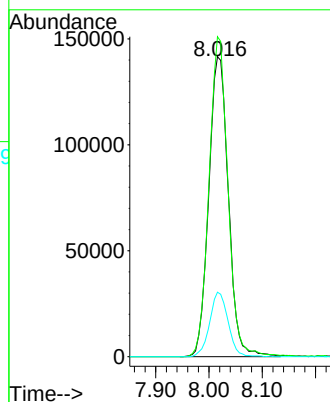
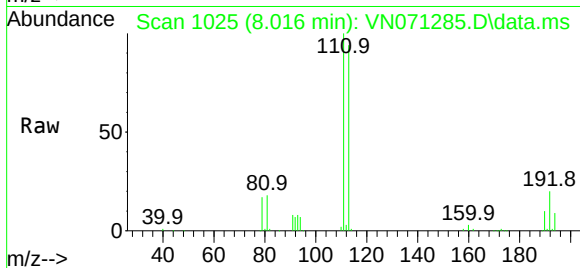
Tgt Ion:113 Resp: 362464

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 20.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.680 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071285.D

Acq: 15 Mar 2022 12:17

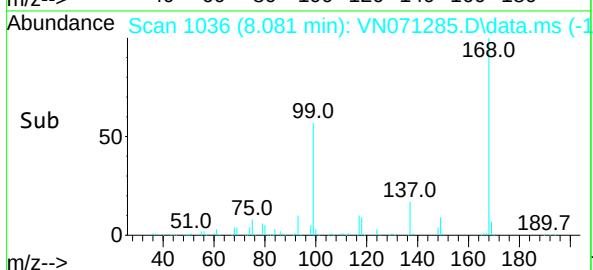
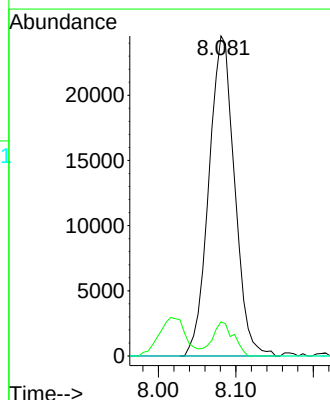
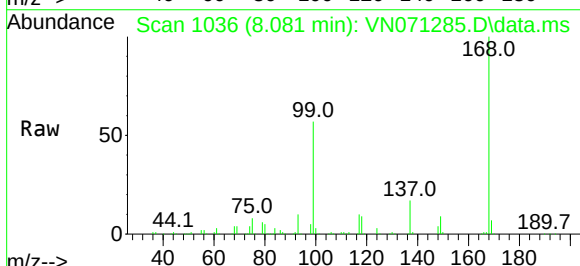
Tgt Ion: 75 Resp: 56628

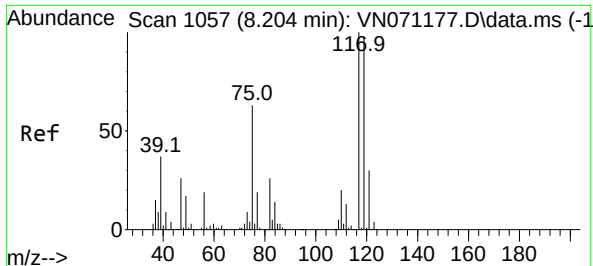
Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.2#

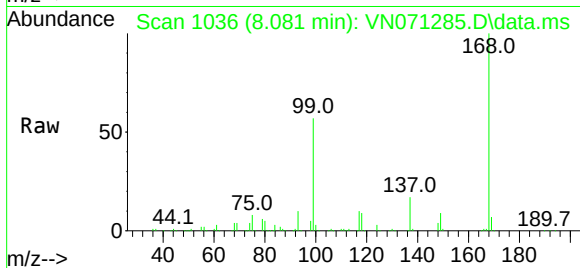
77 0.0 24.4 36.6#



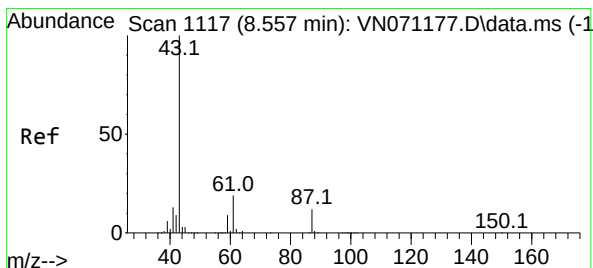
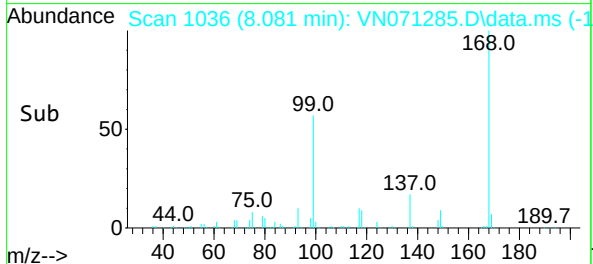
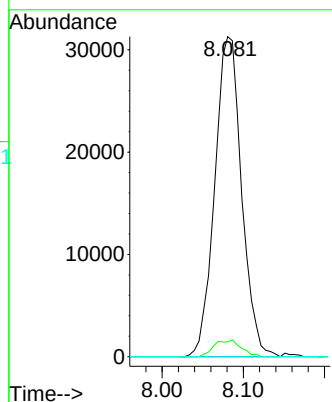


#38
Carbon Tetrachloride
Concen: 6.140 ug/l
RT: 8.081 min Scan# 1135
Delta R.T. -0.123 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

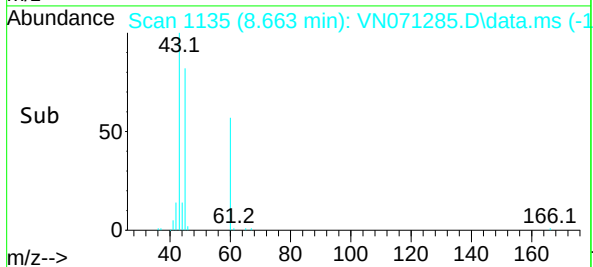
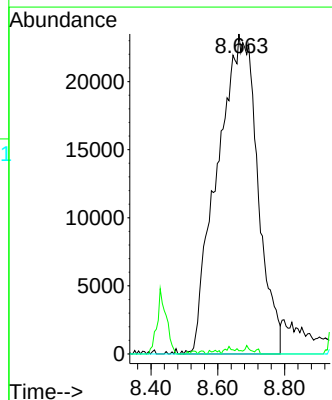
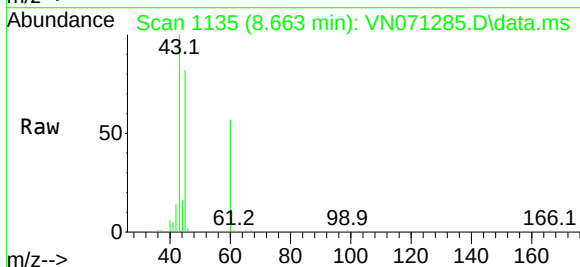


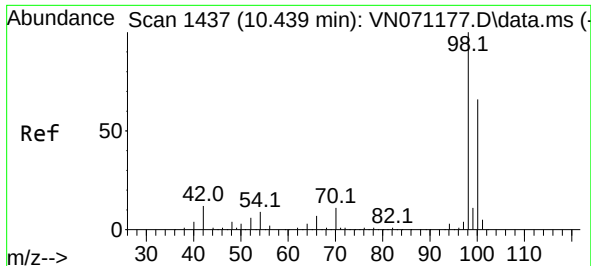
Tgt Ion:117 Resp: 71864
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 7.941 ug/l
RT: 8.663 min Scan# 1135
Delta R.T. 0.106 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion: 43 Resp: 197764
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

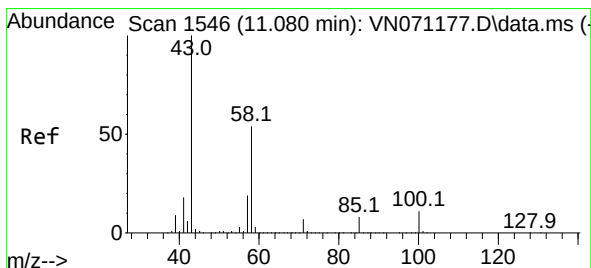
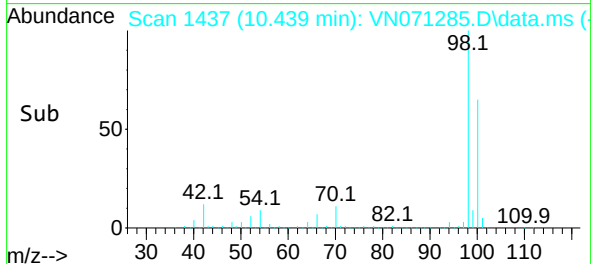
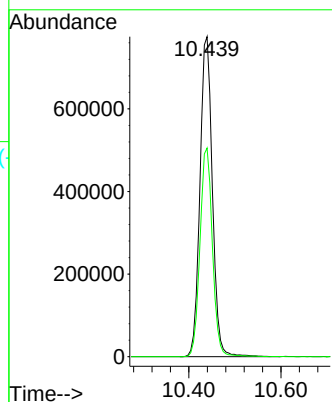
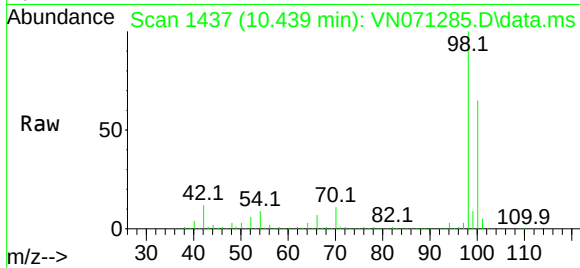




#50
Toluene-d8
Concen: 47.807 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

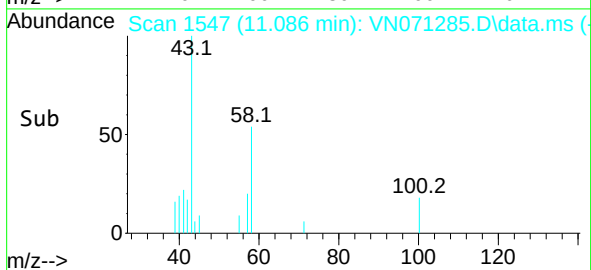
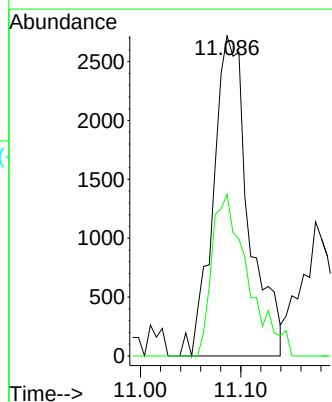
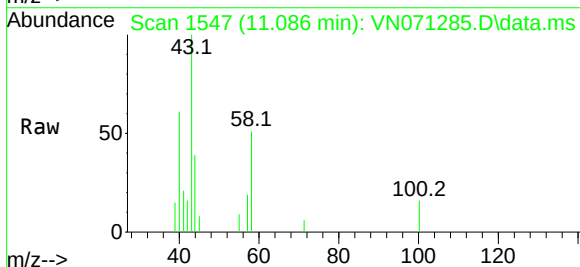
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

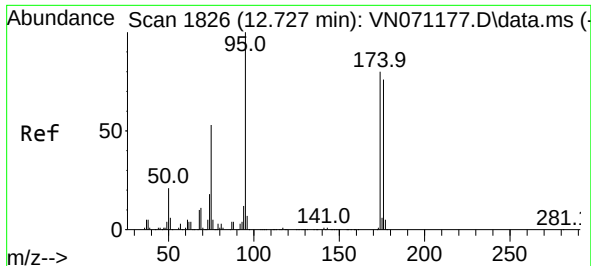
Tgt Ion: 98 Resp: 1453691
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#59
2-Hexanone
Concen: 0.635 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion: 43 Resp: 6696
Ion Ratio Lower Upper
43 100
58 51.2 26.9 80.7

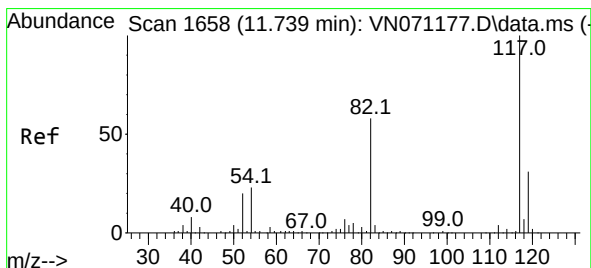
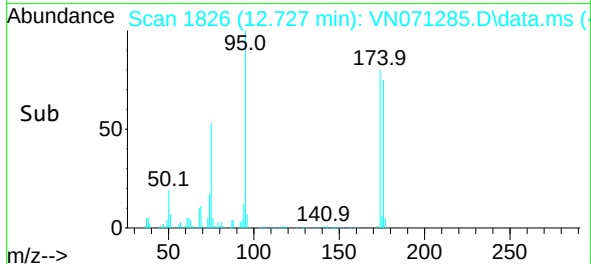
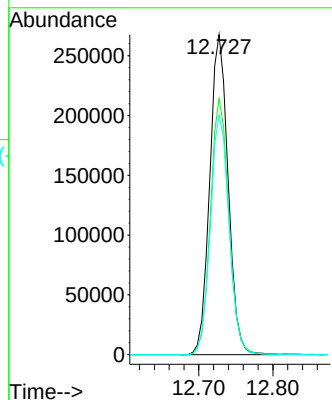
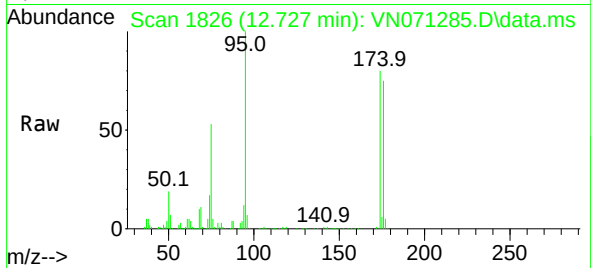




#62
4-Bromofluorobenzene
Concen: 44.764 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

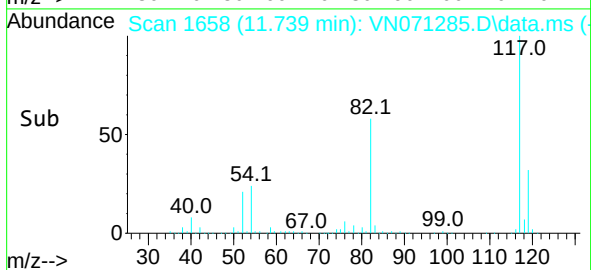
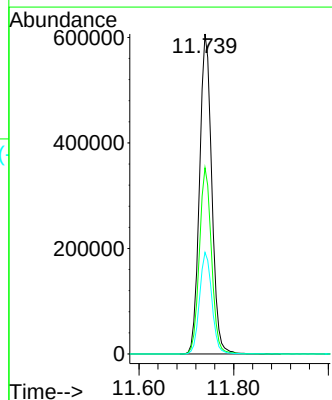
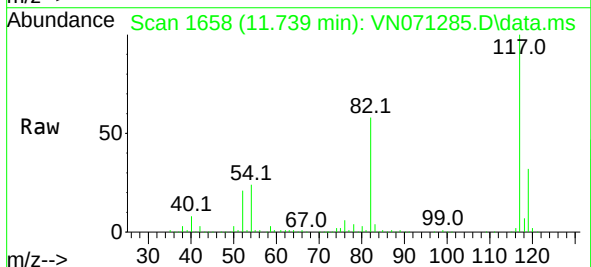
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

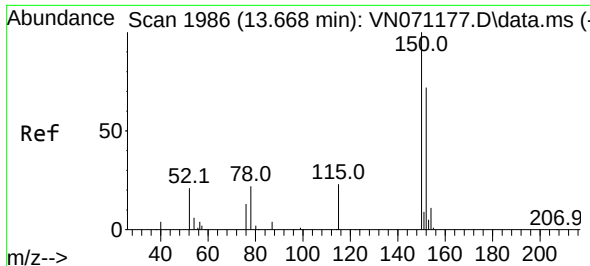
Tgt Ion: 95 Resp: 460919
Ion Ratio Lower Upper
95 100
174 80.2 0.0 187.2
176 76.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion: 117 Resp: 1084730
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.7 25.4 38.2

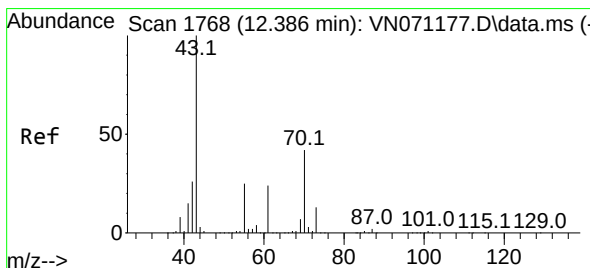
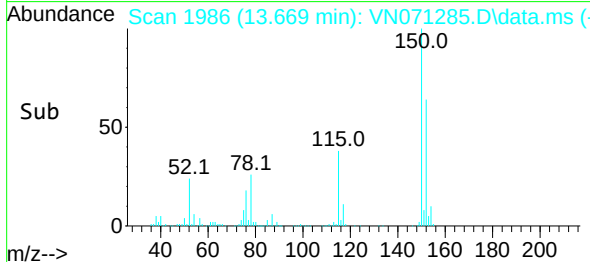
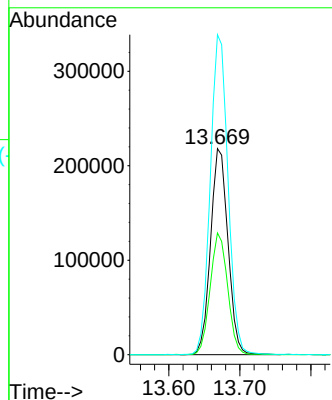
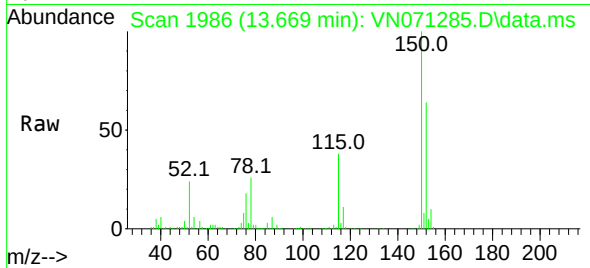




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

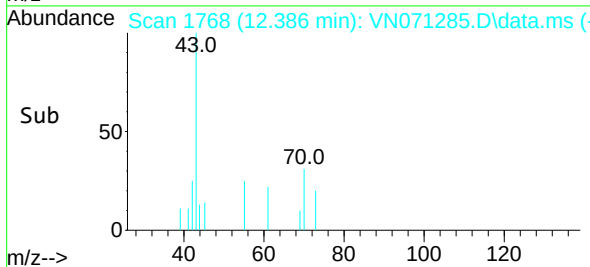
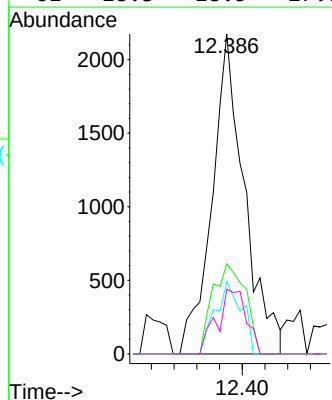
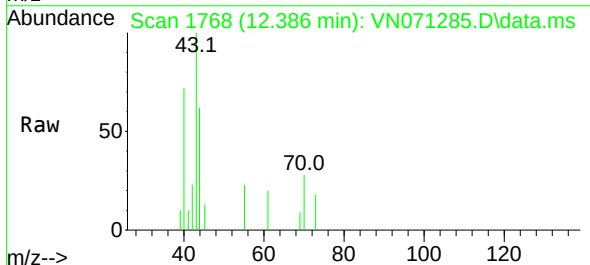
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

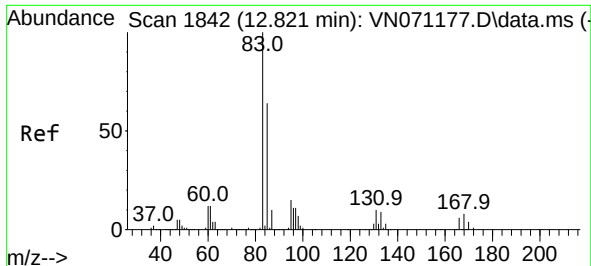
Tgt Ion:152 Resp: 371925
Ion Ratio Lower Upper
152 100
115 59.3 27.5 82.5
150 158.0 0.0 344.4



#74
N-ethyl acetate
Concen: 0.320 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion: 43 Resp: 4315
Ion Ratio Lower Upper
43 100
70 28.4 33.4 50.0#
55 18.5 19.3 28.9#
61 18.3 18.5 27.7#

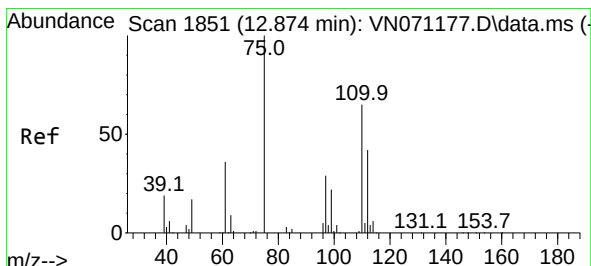
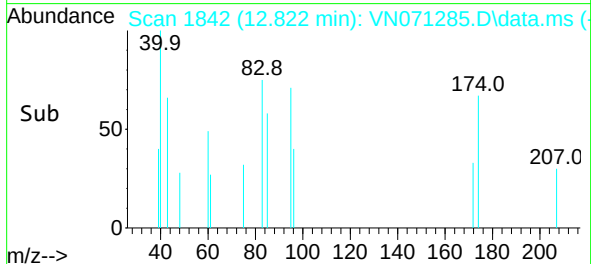
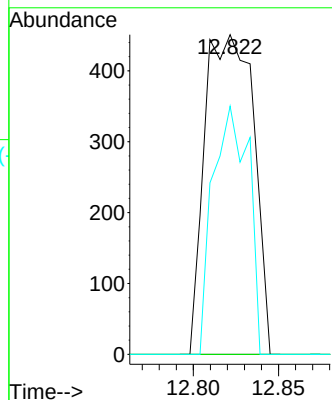
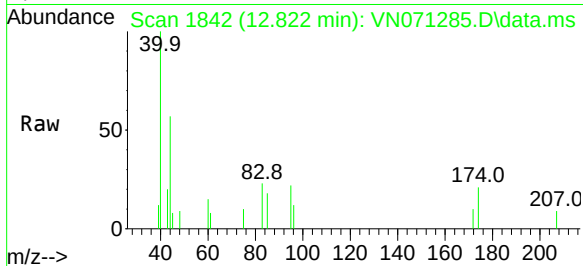




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

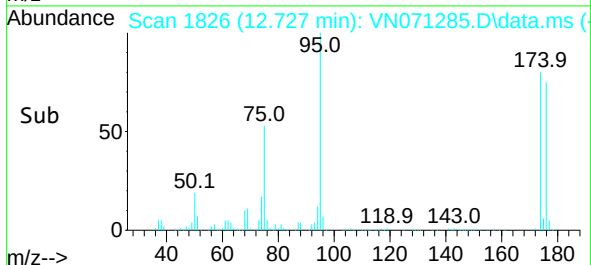
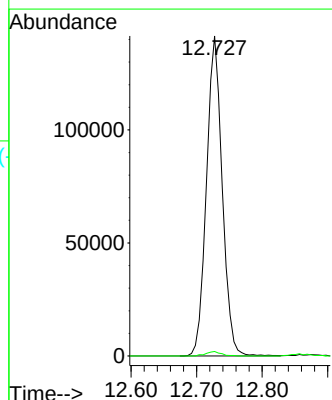
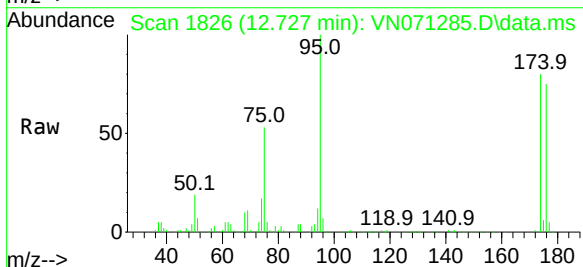
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

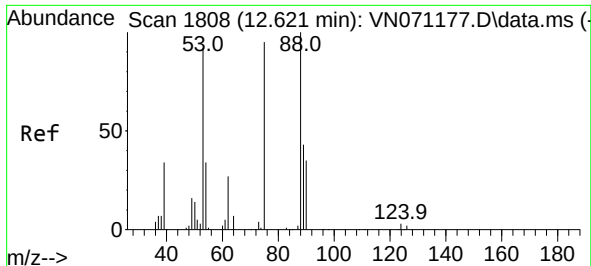
Tgt Ion: 83 Resp: 896
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 57.0 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 24.856 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion: 75 Resp: 236853
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

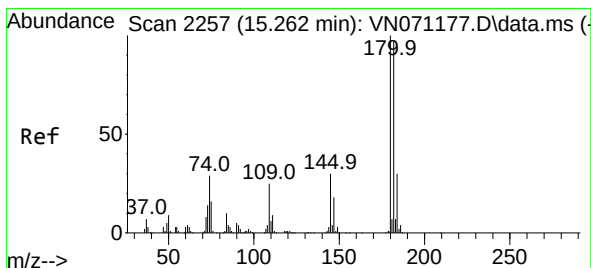
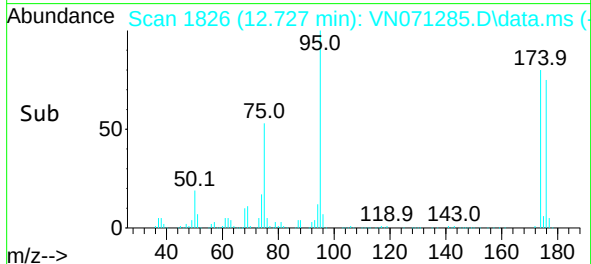
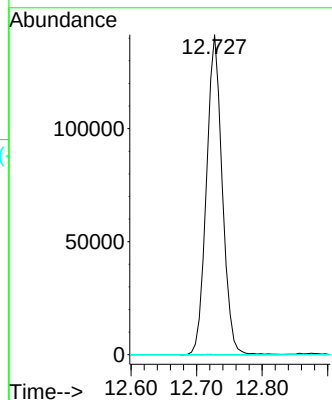
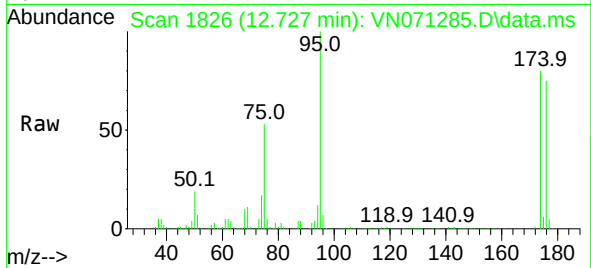




#81
trans-1,4-Dichloro-2-butene
Concen: 68.841 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

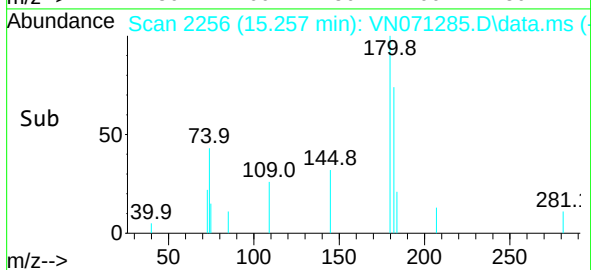
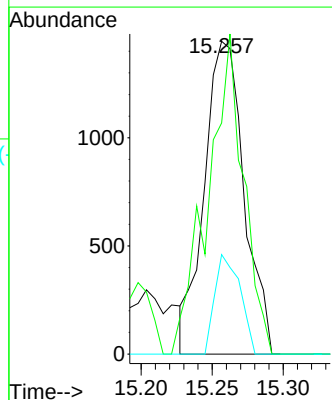
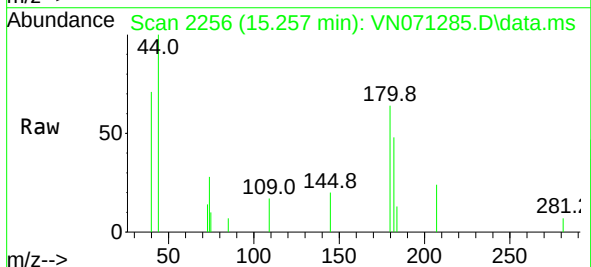
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

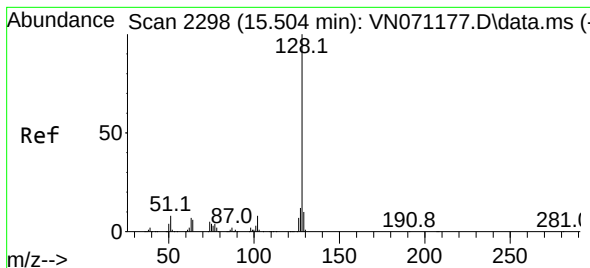
Tgt Ion: 75 Resp: 236853
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.423 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.005 min
Lab File: VN071285.D
Acq: 15 Mar 2022 12:17

Tgt Ion:180 Resp: 2815
Ion Ratio Lower Upper
180 100
182 91.9 48.3 144.9
145 20.2 14.5 43.5





#95

Naphthalene

Concen: 5.516 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN071285.D

Acq: 15 Mar 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0315MBL01

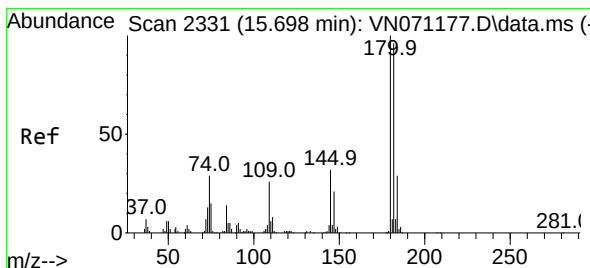
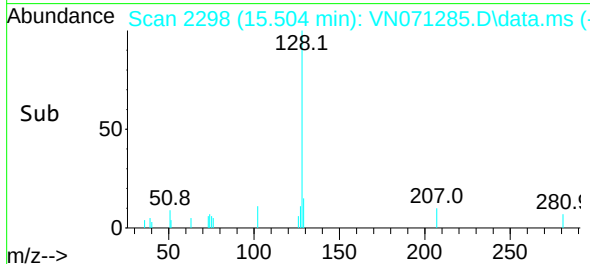
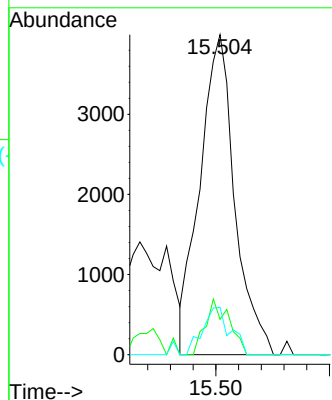
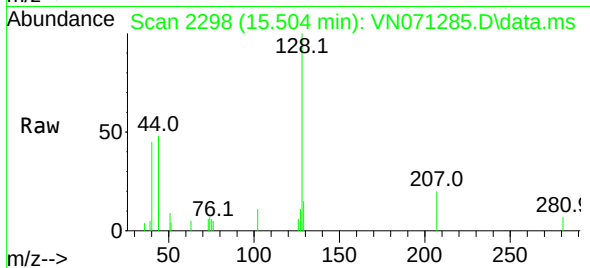
Tgt Ion:128 Resp: 8517

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

129 11.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 3.216 ug/l

RT: 15.704 min Scan# 2332

Delta R.T. 0.006 min

Lab File: VN071285.D

Acq: 15 Mar 2022 12:17

Tgt Ion:180 Resp: 2993

Ion Ratio Lower Upper

180 100

182 105.7 47.4 142.2

145 31.0 15.0 45.1

