

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072042.D
 Acq On : 19 Apr 2022 12:10
 Operator : JC\MD
 Sample : VN0419WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBL01

Quant Time: Apr 20 01:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

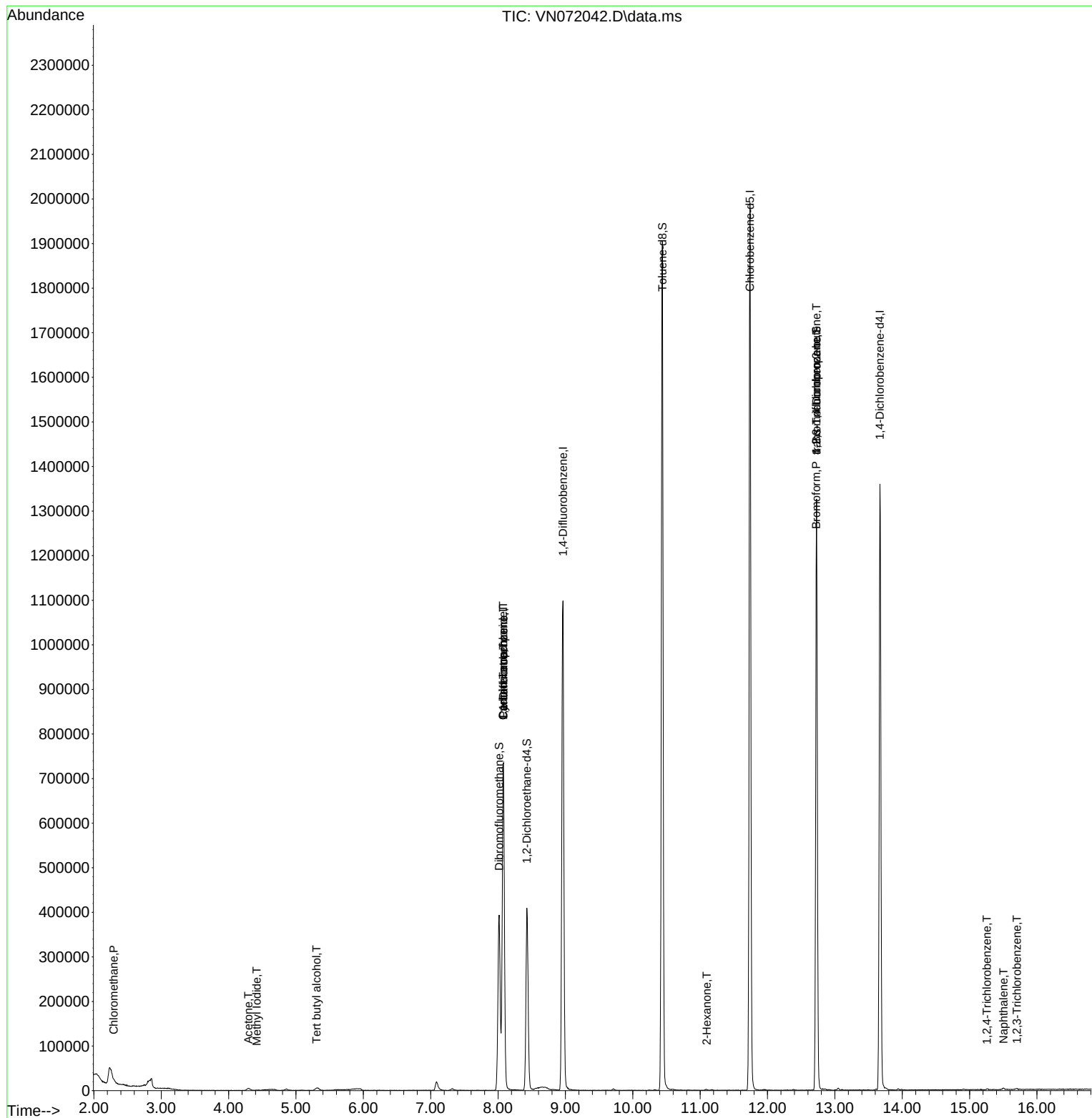
Internal Standards						
1) Pentafluorobenzene	8.080	168	625116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1048907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1208445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	419141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.427	65	332628	46.610	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.220%		
35) Dibromofluoromethane	8.016	113	291601	47.244	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.480%		
50) Toluene-d8	10.439	98	1390222	55.060	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.120%		
62) 4-Bromofluorobenzene	12.727	95	470578	57.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	115.260%		
Target Compounds						Qvalue
3) Chloromethane	2.293	50	1875	0.298	ug/l #	87
10) Methyl Iodide	4.416	142	1646	0.217	ug/l #	48
11) Tert butyl alcohol	5.304	59	3322	2.868	ug/l #	72
16) Acetone	4.292	43	2414	0.792	ug/l	94
18) Methyl Acetate	4.857	43	6408	Below Cal		91
31) Cyclohexane	8.075	56	9563	0.985	ug/l #	1
36) 1,1-Dichloropropene	8.075	75	41441	4.808	ug/l #	49
38) Carbon Tetrachloride	8.075	117	55604	6.582	ug/l #	17
59) 2-Hexanone	11.098	43	1908	0.300	ug/l	97
71) Bromoform	12.721	173	2295	0.345	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	220661	22.726	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	220661	70.426	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.256	180	1112	2.246	ug/l #	73
95) Naphthalene	15.503	128	4551	4.023	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.703	180	1504	2.636	ug/l	85

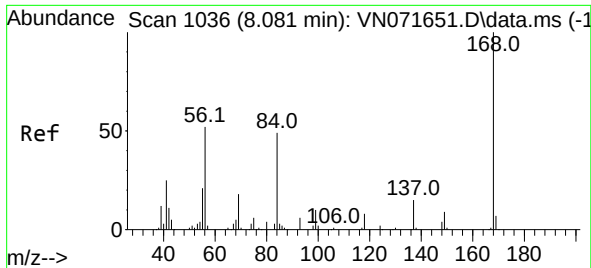
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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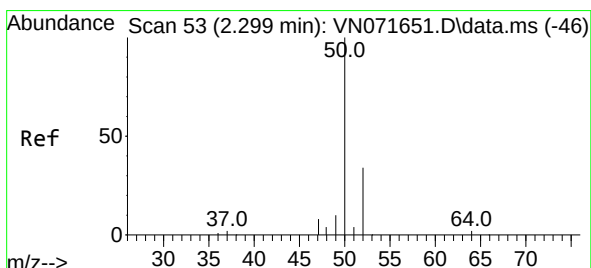
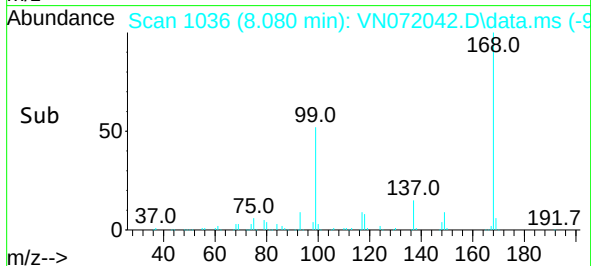
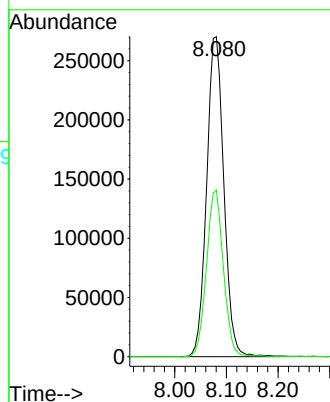
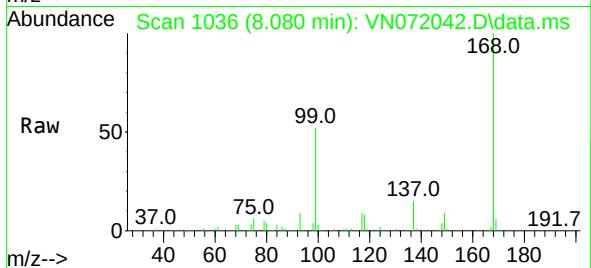




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

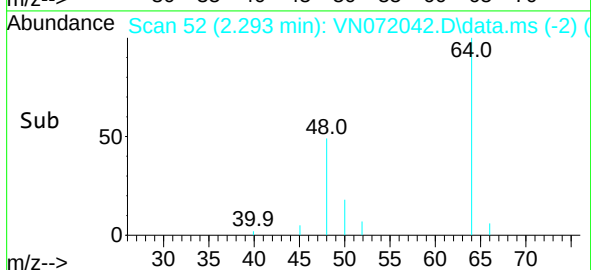
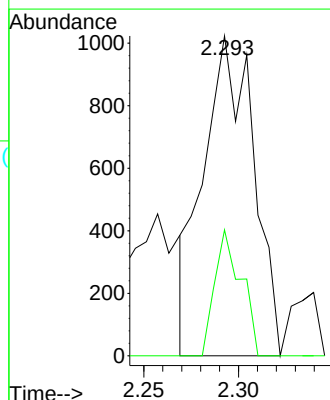
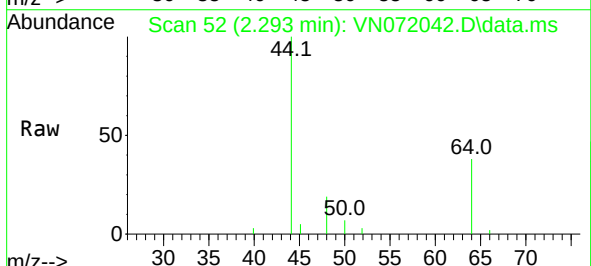
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

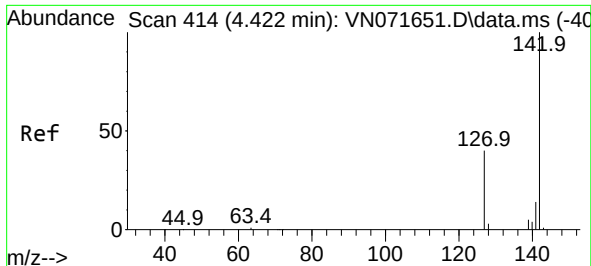
Tgt Ion:168 Resp: 625116
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5



#3
Chloromethane
Concen: 0.298 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

Tgt Ion: 50 Resp: 1875
Ion Ratio Lower Upper
50 100
52 39.4 25.7 38.5#





#10

Methyl Iodide

Concen: 0.217 ug/l

RT: 4.416 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072042.D

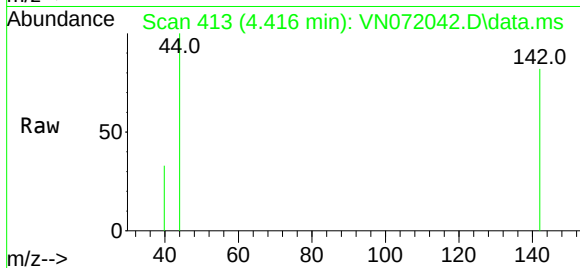
Acq: 19 Apr 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBL01



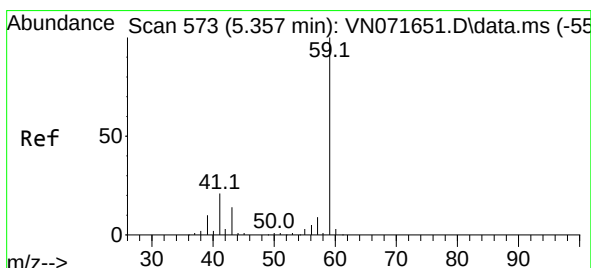
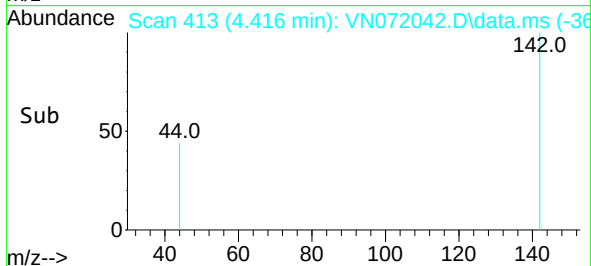
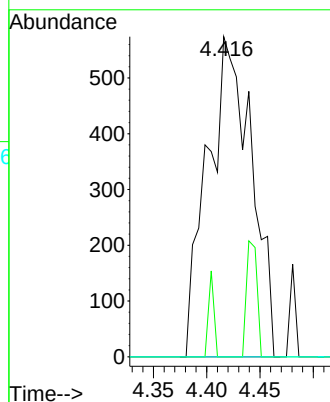
Tgt Ion:142 Resp: 1646

Ion Ratio Lower Upper

142 100

127 3.3 31.3 46.9#

141 0.0 11.2 16.8#



#11

Tert butyl alcohol

Concen: 2.868 ug/l

RT: 5.304 min Scan# 564

Delta R.T. -0.053 min

Lab File: VN072042.D

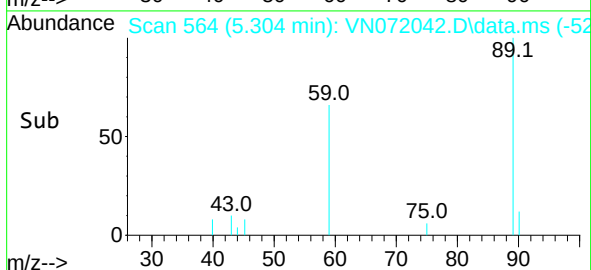
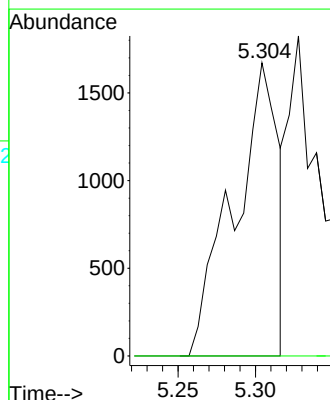
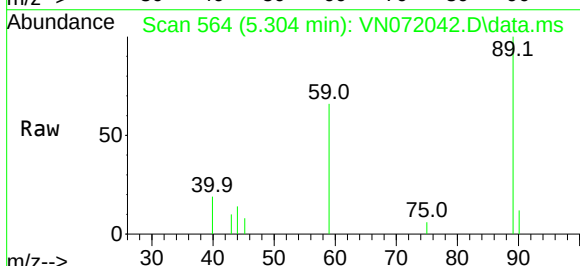
Acq: 19 Apr 2022 12:10

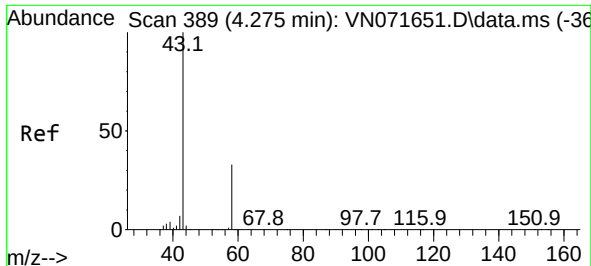
Tgt Ion: 59 Resp: 3322

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

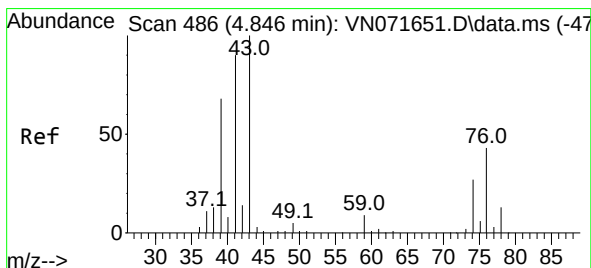
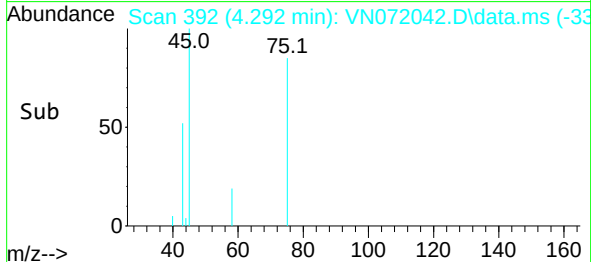
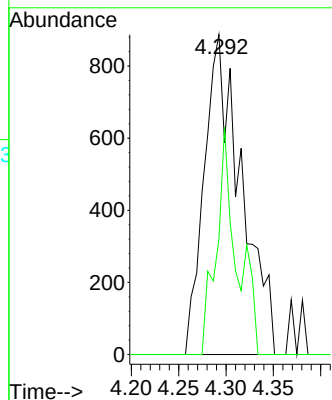
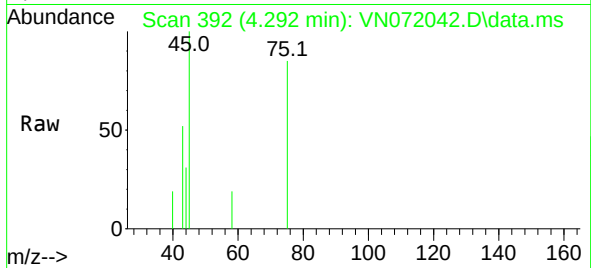




#16
Acetone
Concen: 0.792 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

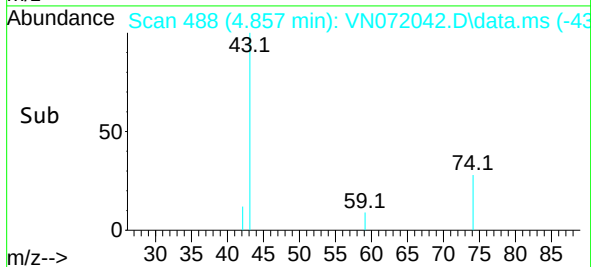
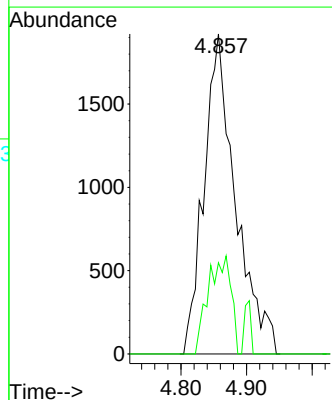
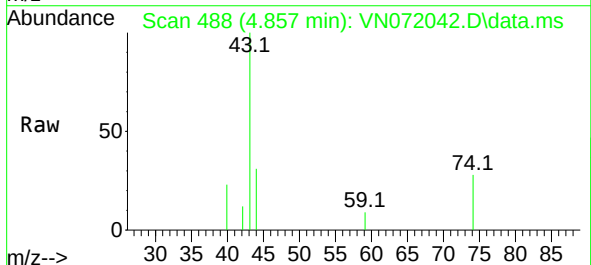
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

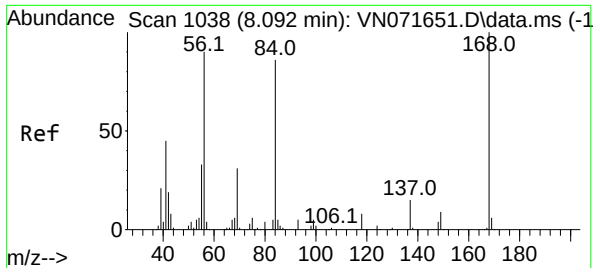
Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
58 36.1 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

Tgt Ion: 43 Resp: 6408
Ion Ratio Lower Upper
43 100
74 22.2 21.6 32.4

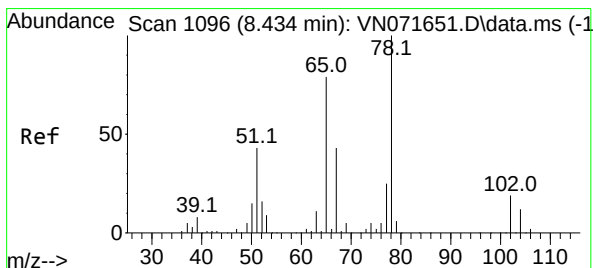
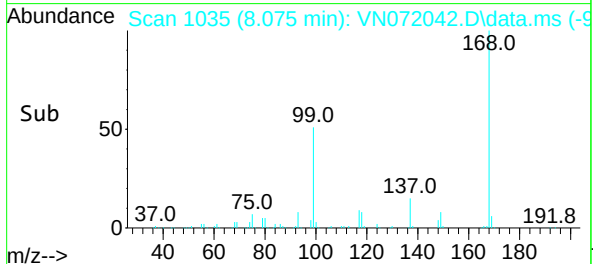
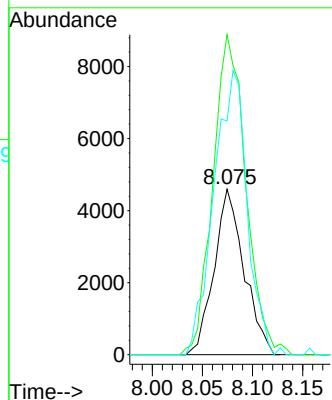
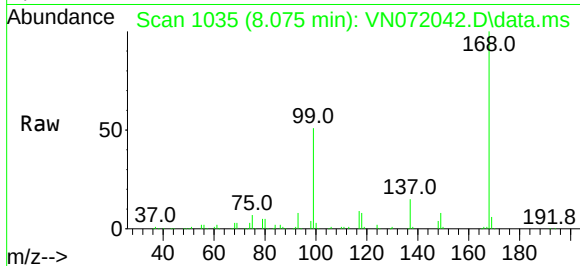




#31
Cyclohexane
Concen: 0.985 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

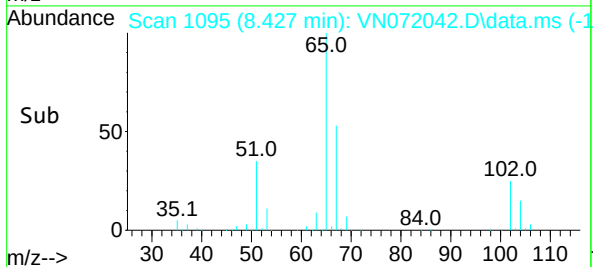
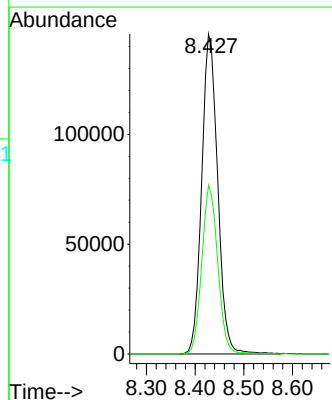
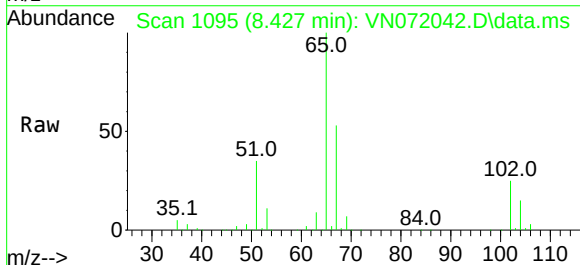
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

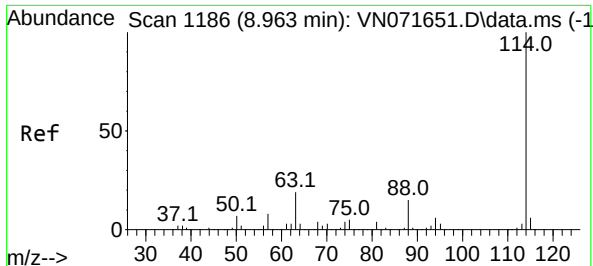
Tgt Ion: 56 Resp: 9563
Ion Ratio Lower Upper
56 100
69 193.4 27.8 41.8#
84 141.3 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 46.610 ug/l
RT: 8.427 min Scan# 1095
Delta R.T. -0.007 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

Tgt Ion: 65 Resp: 332628
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072042.D

Acq: 19 Apr 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBL01

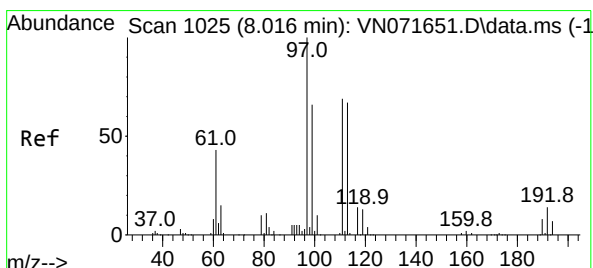
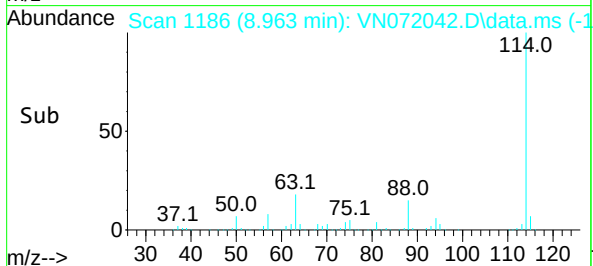
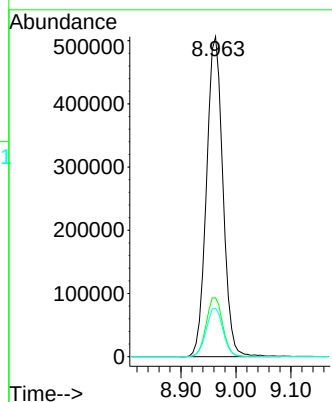
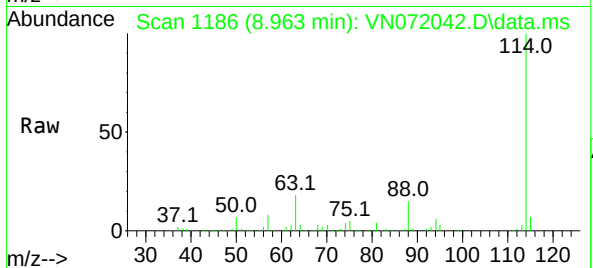
Tgt Ion:114 Resp: 1048907

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.244 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072042.D

Acq: 19 Apr 2022 12:10

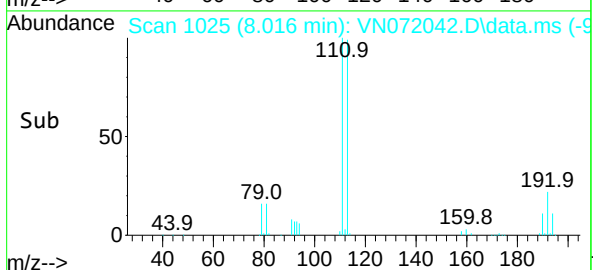
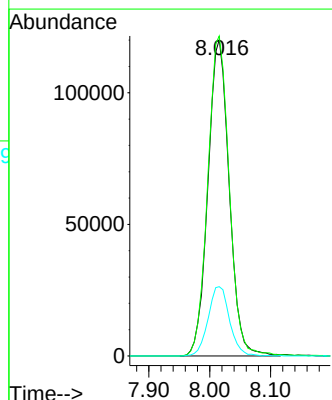
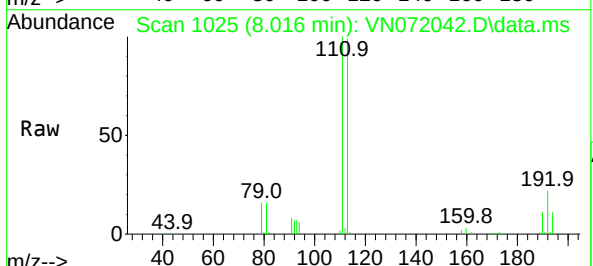
Tgt Ion:113 Resp: 291601

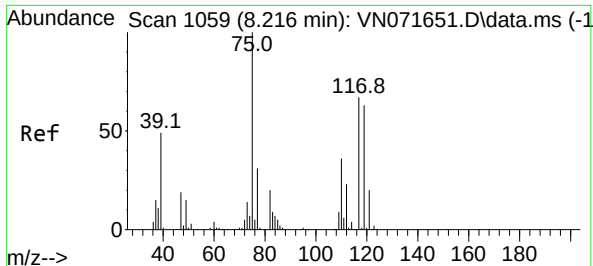
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 22.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.808 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.141 min

Lab File: VN072042.D

Acq: 19 Apr 2022 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBL01

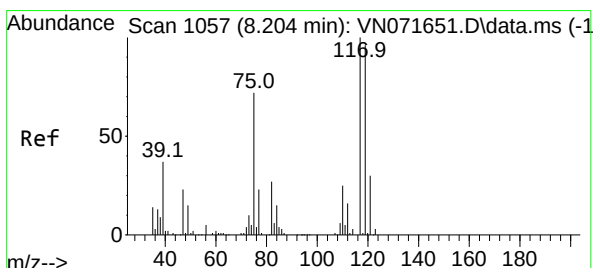
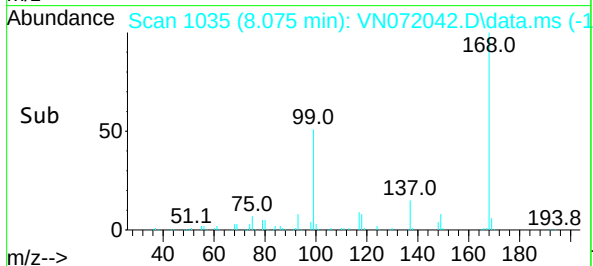
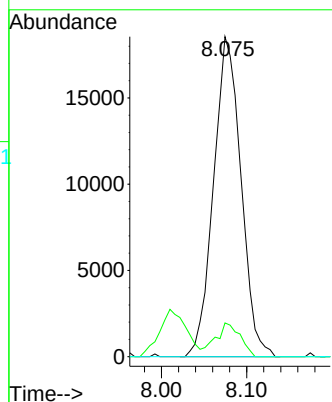
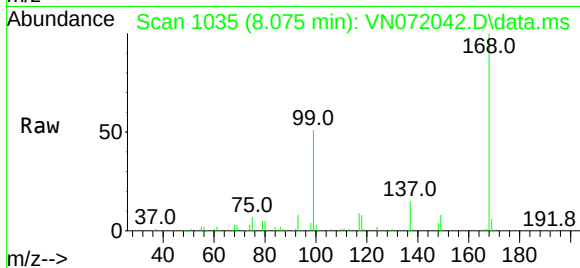
Tgt Ion: 75 Resp: 41441

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.582 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.129 min

Lab File: VN072042.D

Acq: 19 Apr 2022 12:10

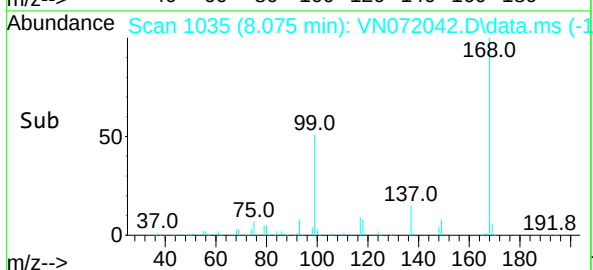
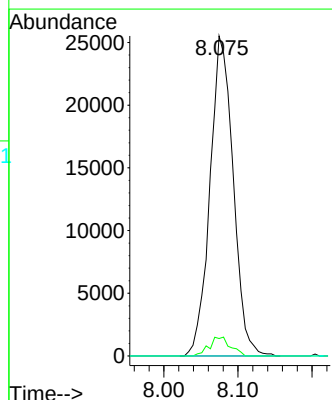
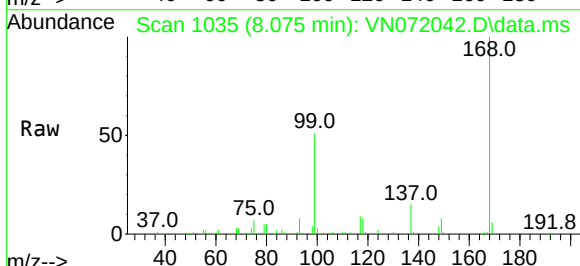
Tgt Ion: 117 Resp: 55604

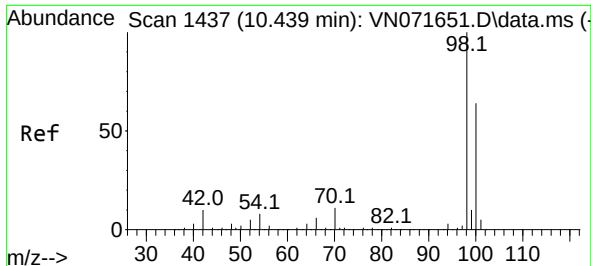
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

121 0.0 24.6 37.0#

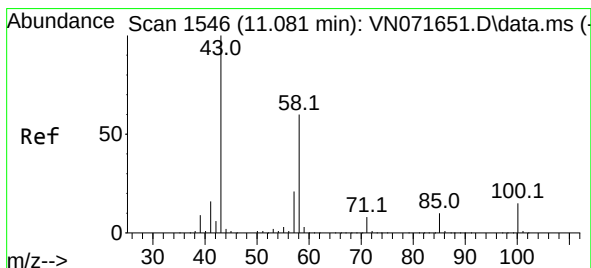
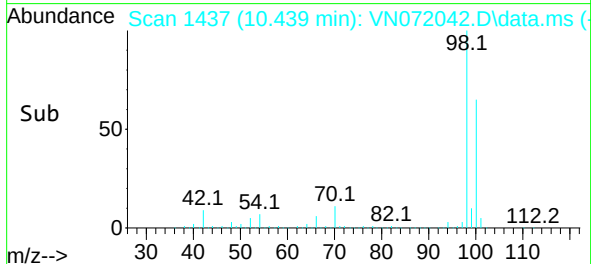
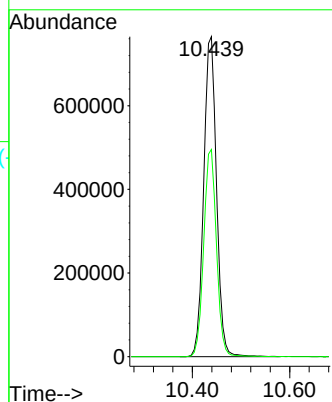
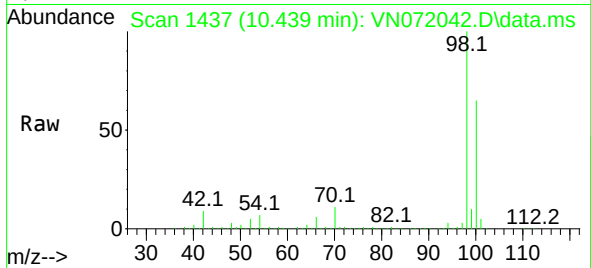




#50
Toluene-d8
Concen: 55.060 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

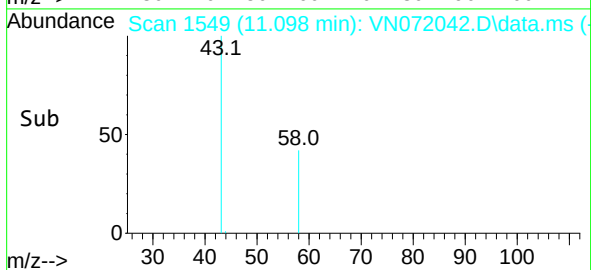
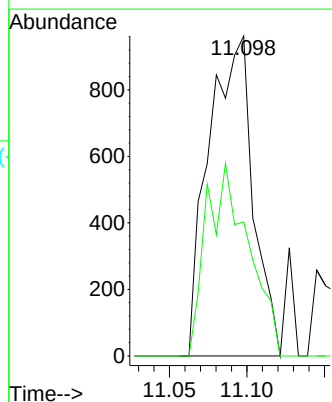
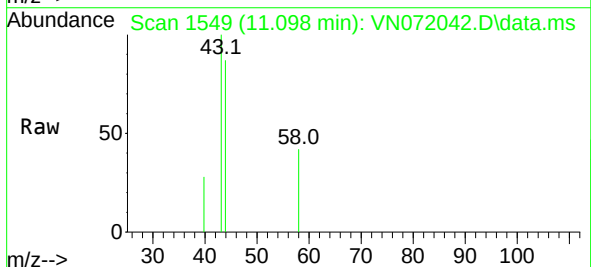
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

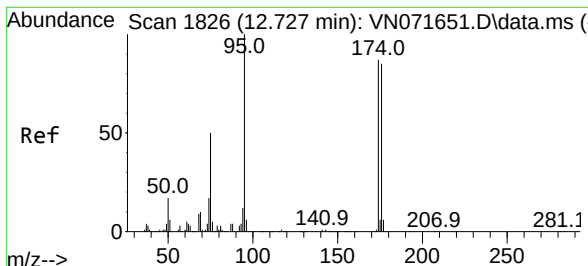
Tgt Ion: 98 Resp: 1390222
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#59
2-Hexanone
Concen: 0.300 ug/l
RT: 11.098 min Scan# 1549
Delta R.T. 0.017 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 57.4 29.7 89.1

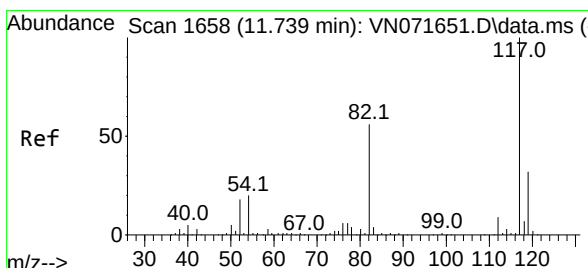
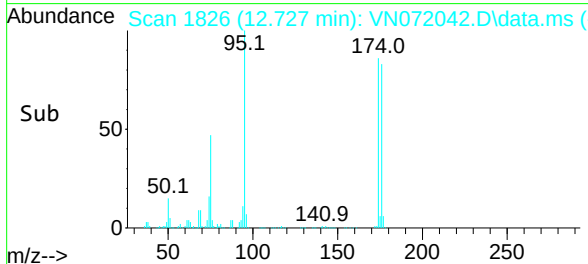
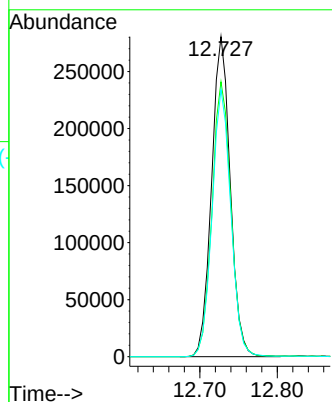
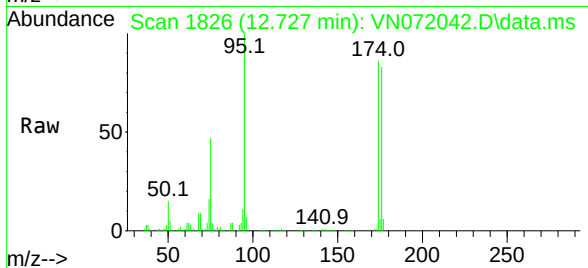




#62
4-Bromofluorobenzene
Concen: 57.627 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

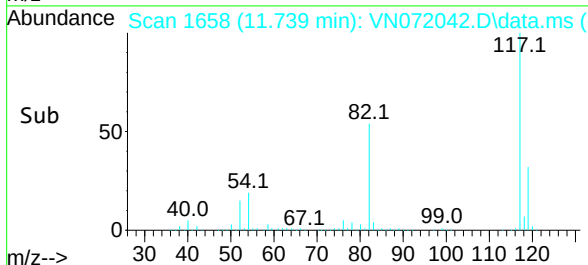
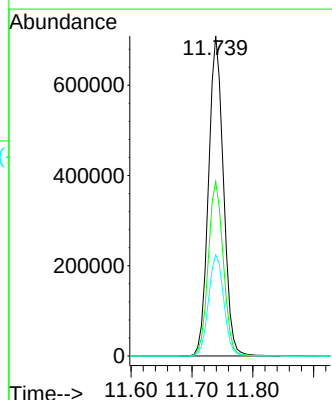
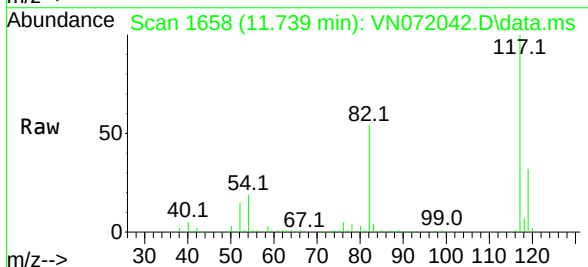
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

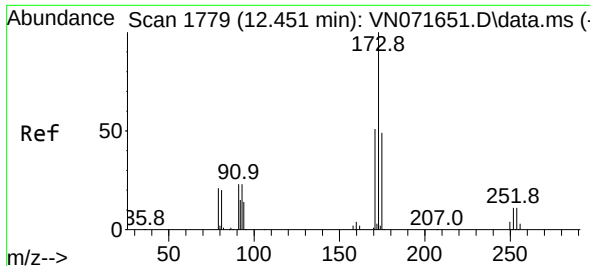
Tgt Ion: 95 Resp: 470578
Ion Ratio Lower Upper
95 100
174 87.2 0.0 167.6
176 83.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

Tgt Ion: 117 Resp: 1208445
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.6 25.4 38.0

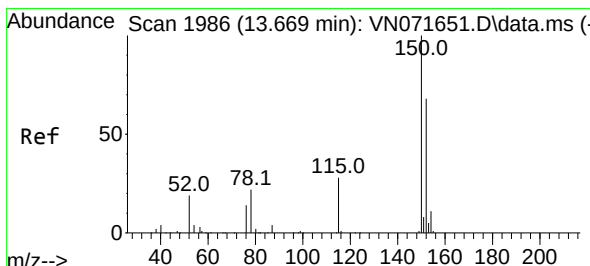
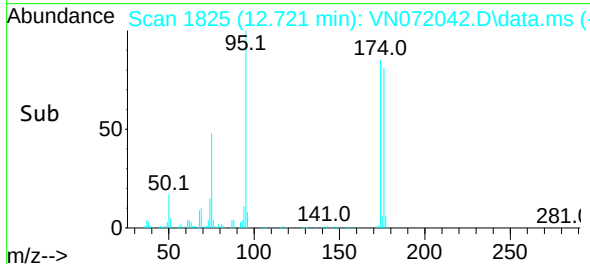
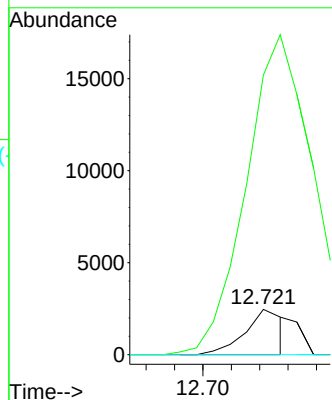
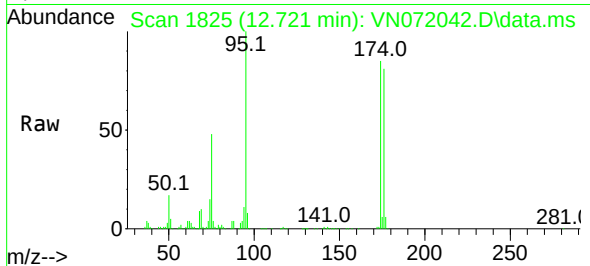




#71
Bromoform
Concen: 0.345 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

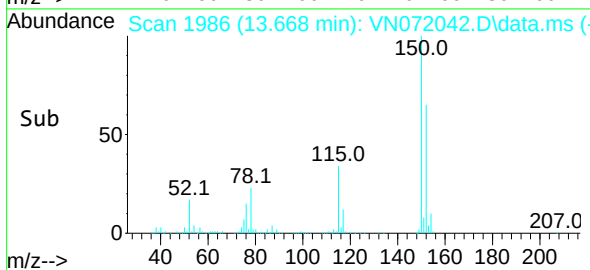
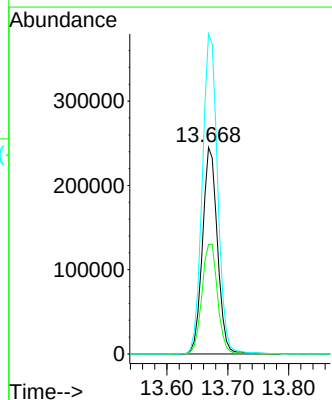
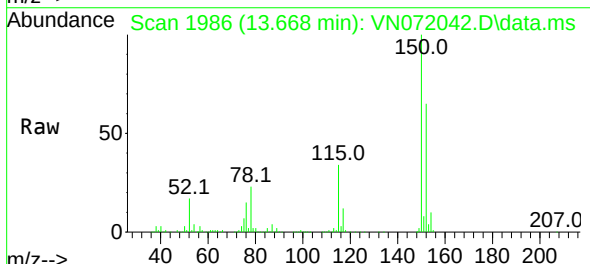
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

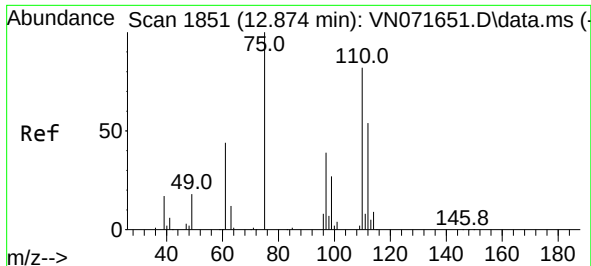
Tgt Ion:173 Resp: 2295
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

Tgt Ion:152 Resp: 419141
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 158.6 0.0 356.2

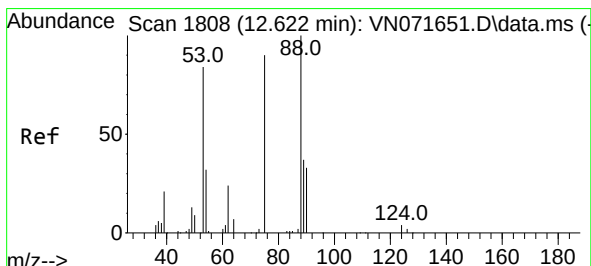
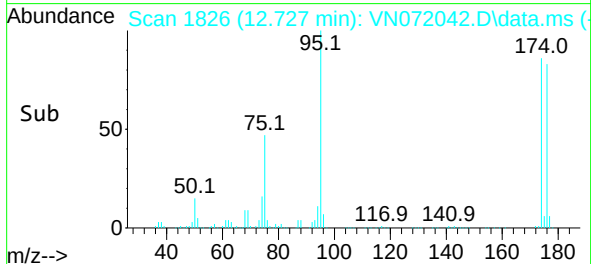
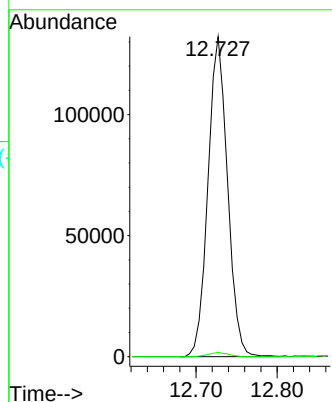
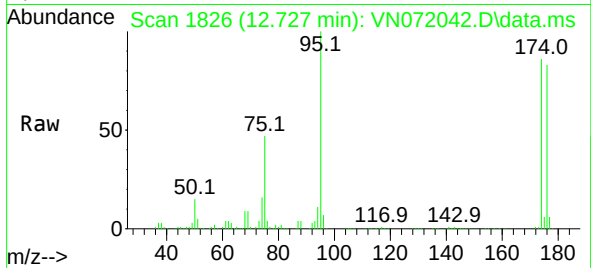




#76
1,2,3-Trichloropropane
Concen: 22.726 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

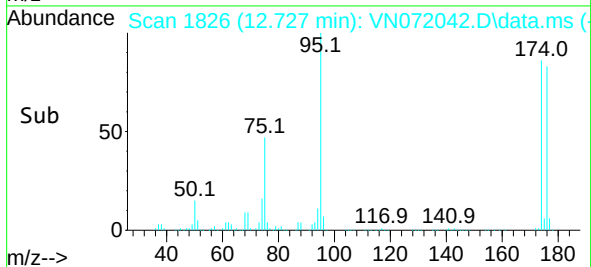
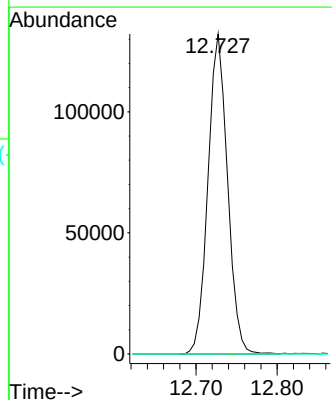
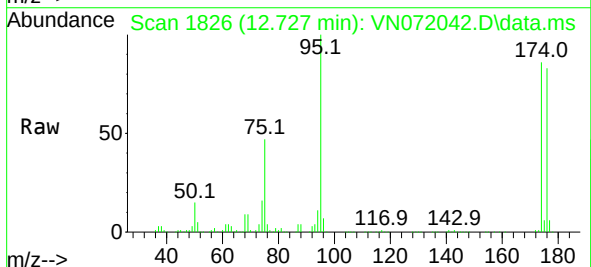
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBL01

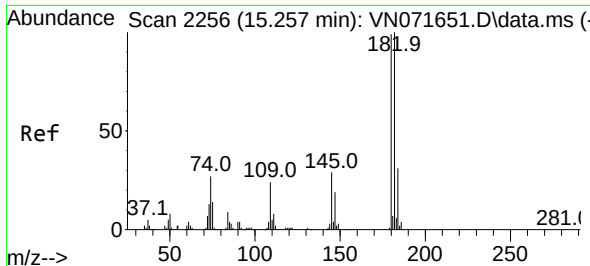
Tgt Ion: 75 Resp: 220661
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.426 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072042.D
Acq: 19 Apr 2022 12:10

Tgt Ion: 75 Resp: 220661
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.246 ug/l

RT: 15.256 min Scan# 2112

Delta R.T. -0.001 min

Lab File: VN072042.D

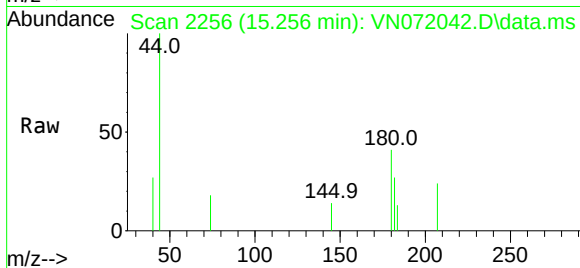
Acq: 19 Apr 2022 12:10

Instrument :

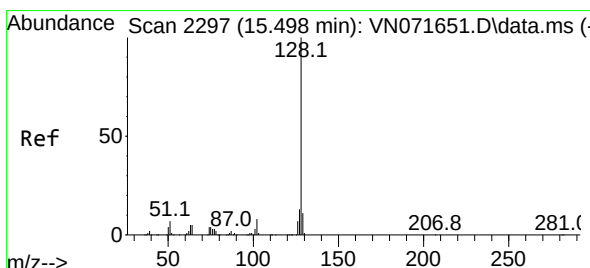
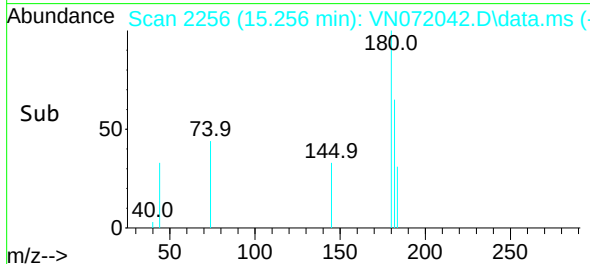
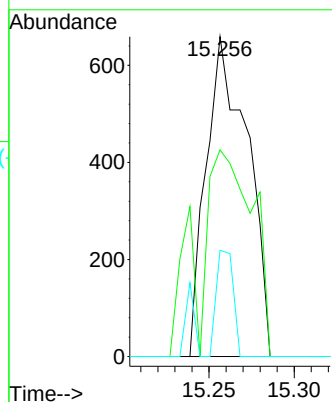
MSVOA_N

ClientSampleId :

VN0419WBL01



Tgt Ion:180	Resp:	1112
Ion Ratio	Lower	Upper
180	100	
182	69.0	47.5 142.5
145	13.7	14.5 43.5#



#95

Naphthalene

Concen: 4.023 ug/l

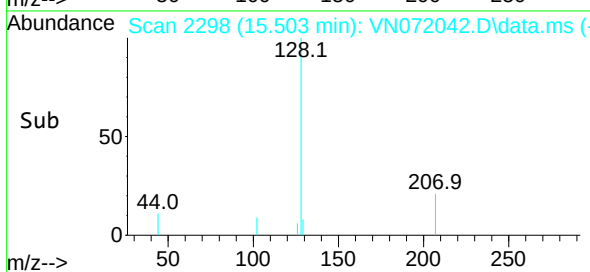
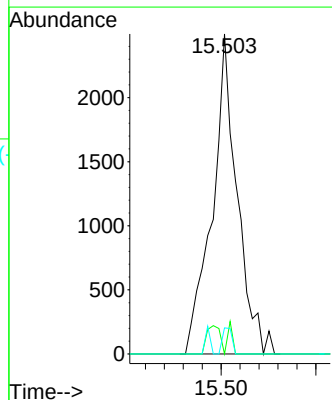
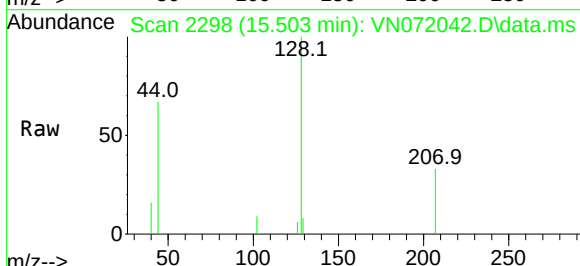
RT: 15.503 min Scan# 2298

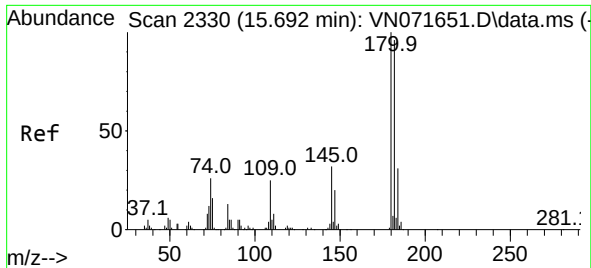
Delta R.T. 0.005 min

Lab File: VN072042.D

Acq: 19 Apr 2022 12:10

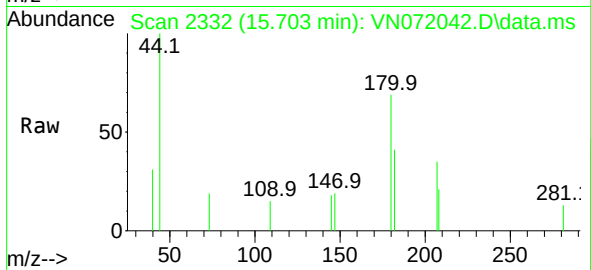
Tgt Ion:128	Resp:	4551
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	3.1	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.636 ug/l
 RT: 15.703 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN072042.D
 Acq: 19 Apr 2022 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBL01



Tgt Ion:	180	Resp:	1504
Ion	Ratio	Lower	Upper
180	100		
182	83.3	47.8	143.3
145	17.6	15.5	46.5

