

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071972.D
 Acq On : 13 Apr 2022 12:32
 Operator : JC\MD
 Sample : VN0413WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBL01

Quant Time: Apr 14 02:30:35 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)

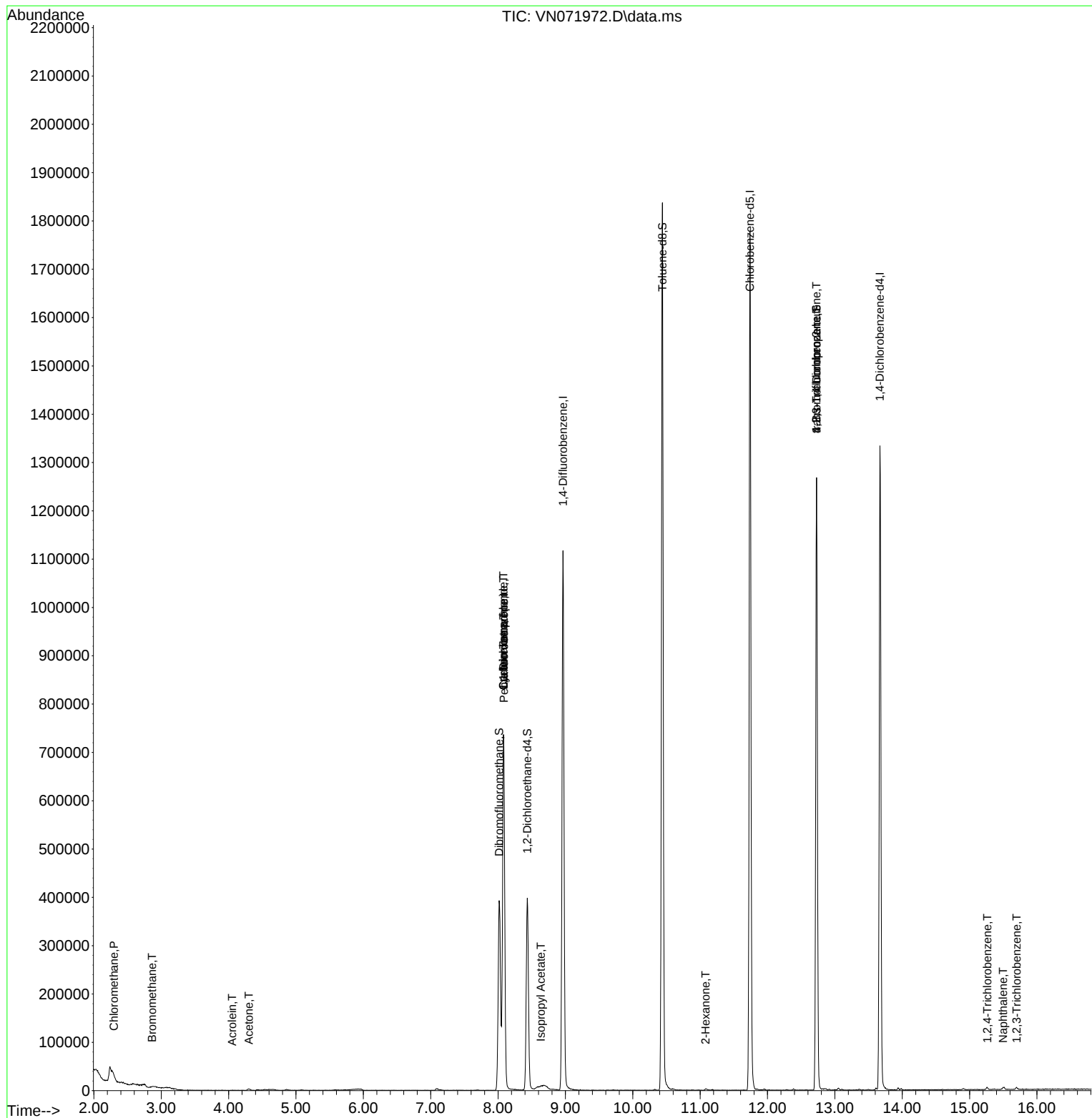
Internal Standards						
1) Pentafluorobenzene	8.086	168	617746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1044180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1116477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	409447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	327625	46.457	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.920%
35) Dibromofluoromethane	8.016	113	299470	48.739	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.480%
50) Toluene-d8	10.439	98	1323370	52.650	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.727	95	456127	56.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2569	0.413	ug/l #	73
5) Bromomethane	2.863	94	2261	0.509	ug/l #	58
13) Acrolein	4.051	56	386	0.277	ug/l #	77
16) Acetone	4.298	43	2410	0.800	ug/l #	68
18) Methyl Acetate	4.857	43	3672	Below Cal	#	85
31) Cyclohexane	8.081	56	9888	1.031	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	40673	4.740	ug/l #	48
38) Carbon Tetrachloride	8.081	117	55418	6.590	ug/l #	18
43) Isopropyl Acetate	8.633	43	15374	0.984	ug/l #	53
59) 2-Hexanone	11.080	43	2808	0.444	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	219797	23.173	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	219797	71.812	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	2016	2.382	ug/l	96
95) Naphthalene	15.498	128	6658	4.133	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.698	180	2328	2.765	ug/l	92

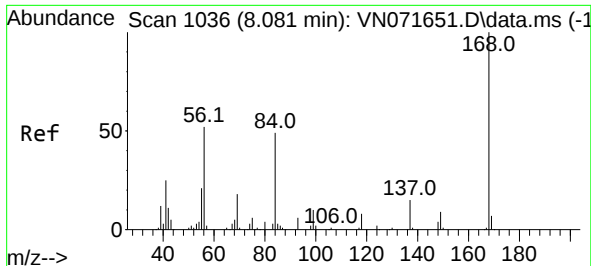
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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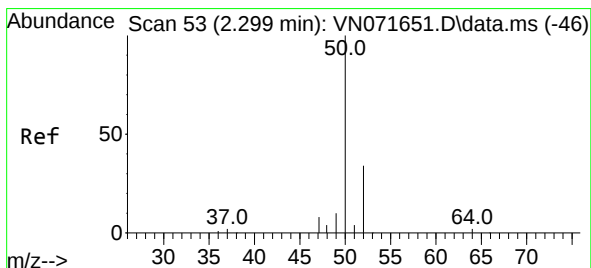
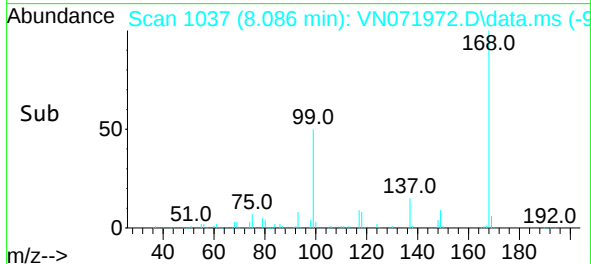
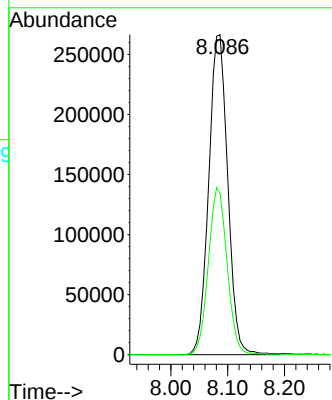
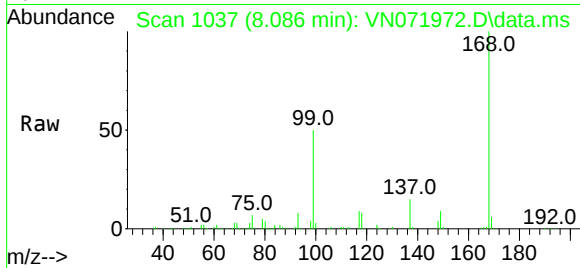




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

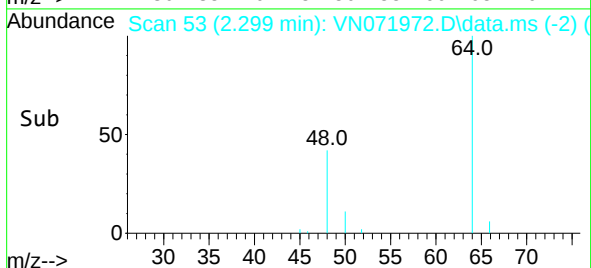
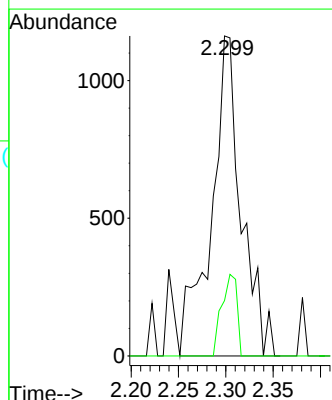
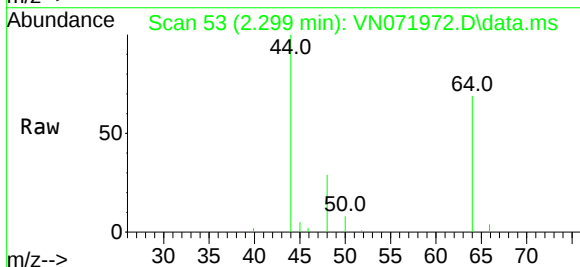
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

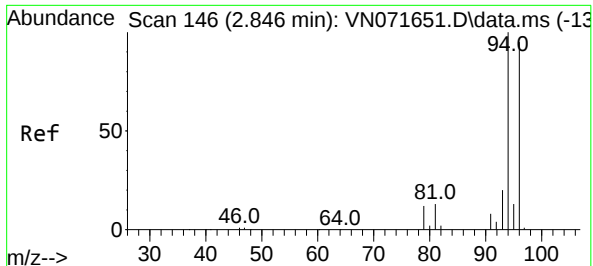
Tgt Ion:168 Resp: 617746
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5



#3
Chloromethane
Concen: 0.413 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

Tgt Ion: 50 Resp: 2569
Ion Ratio Lower Upper
50 100
52 17.3 25.7 38.5#

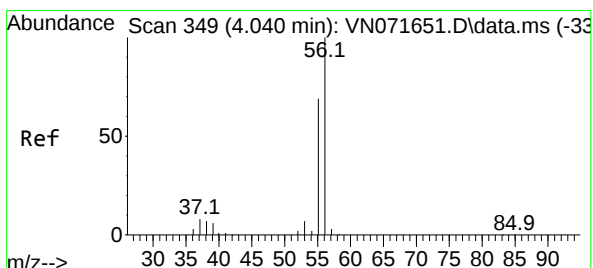
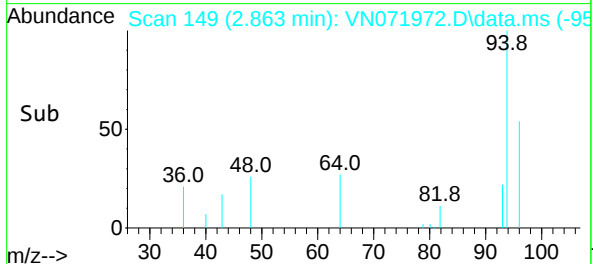
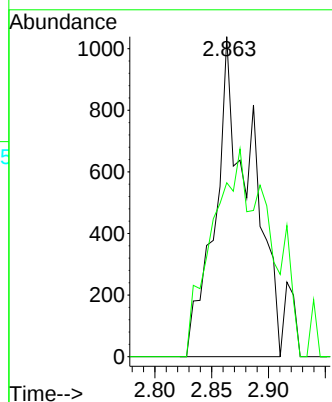
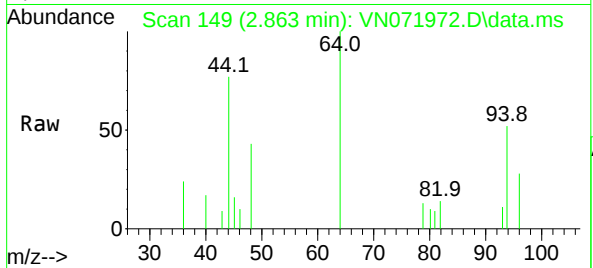




#5
Bromomethane
Concen: 0.509 ug/l
RT: 2.863 min Scan# 14
Delta R.T. 0.017 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

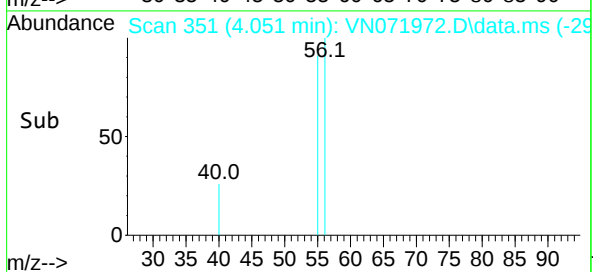
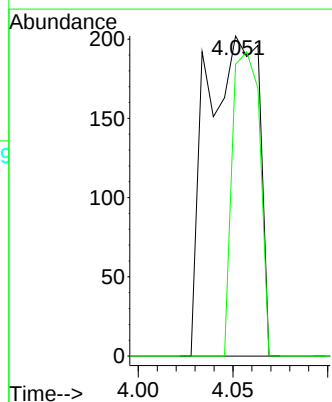
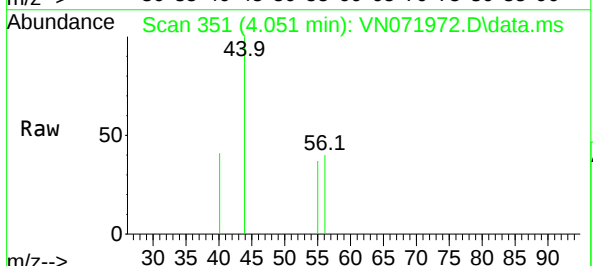
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

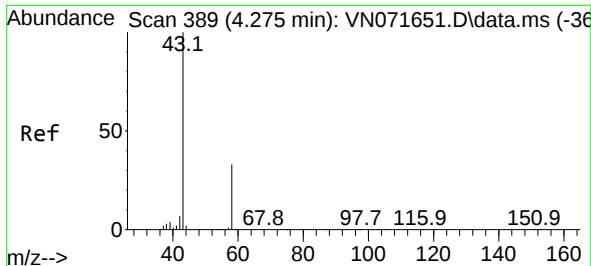
Tgt Ion: 94 Resp: 2261
Ion Ratio Lower Upper
94 100
96 54.4 76.0 114.0#



#13
Acrolein
Concen: 0.277 ug/l
RT: 4.051 min Scan# 351
Delta R.T. 0.011 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

Tgt Ion: 56 Resp: 386
Ion Ratio Lower Upper
56 100
55 49.7 54.8 82.2#

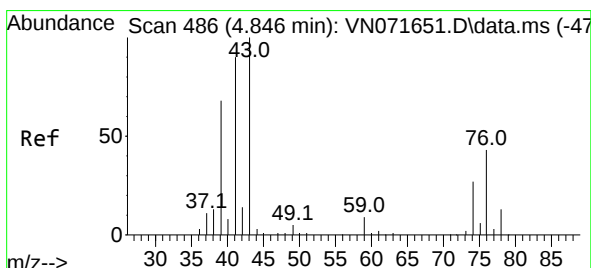
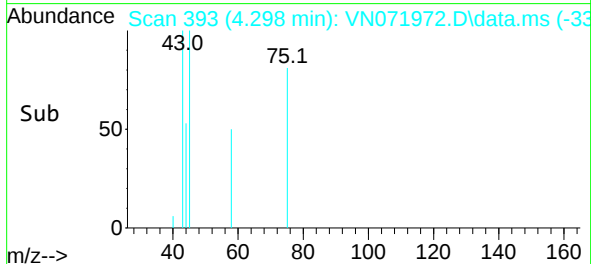
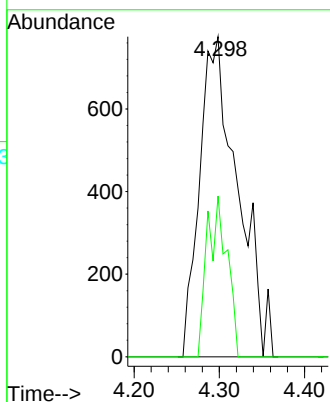
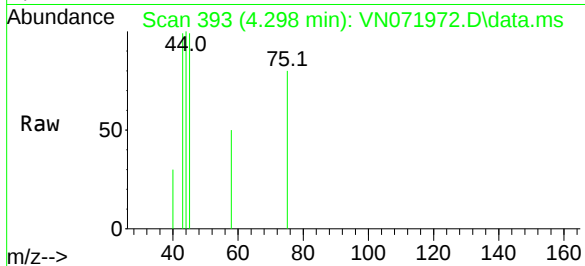




#16
Acetone
Concen: 0.800 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

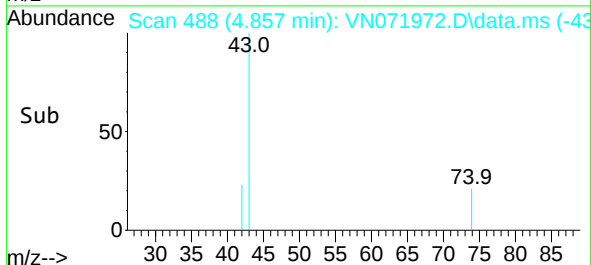
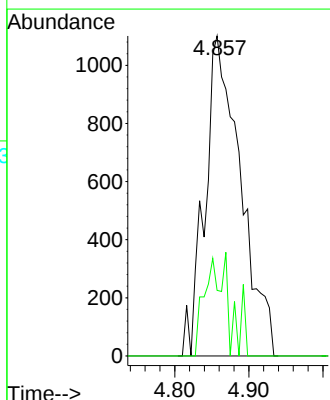
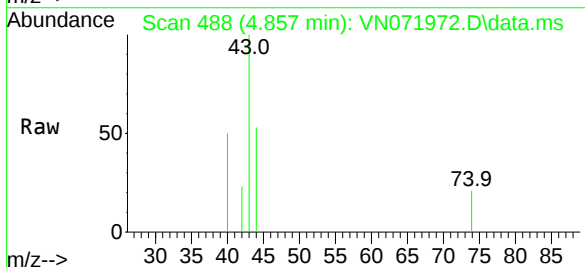
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

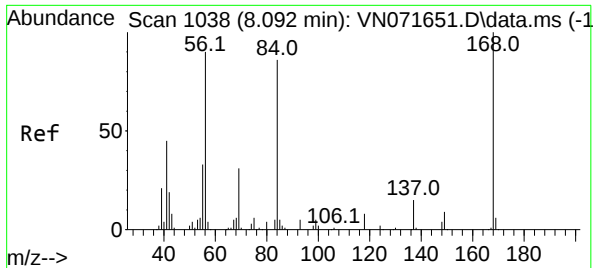
Tgt Ion: 43 Resp: 2410
Ion Ratio Lower Upper
43 100
58 50.2 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

Tgt Ion: 43 Resp: 3672
Ion Ratio Lower Upper
43 100
74 19.0 21.6 32.4#





#31

Cyclohexane

Concen: 1.031 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071972.D

Acq: 13 Apr 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBL01

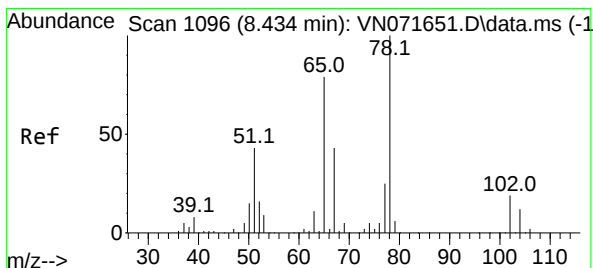
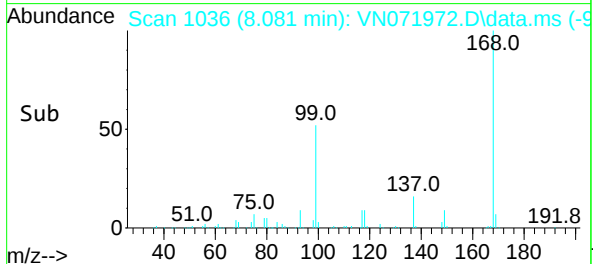
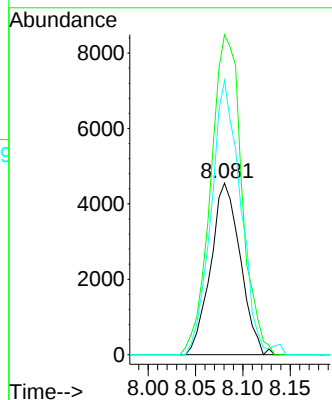
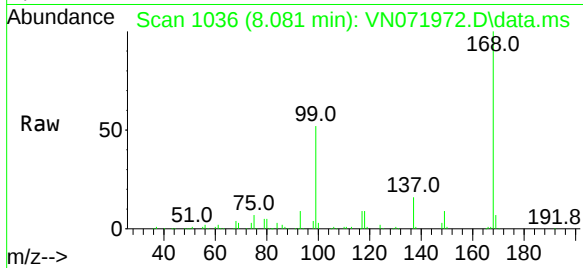
Tgt Ion: 56 Resp: 9888

Ion Ratio Lower Upper

56 100

69 186.5 27.8 41.8#

84 159.8 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 46.457 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071972.D

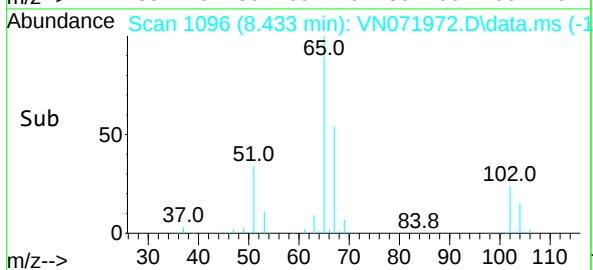
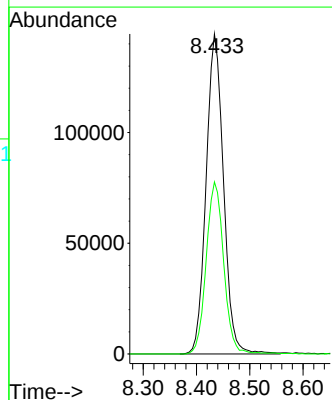
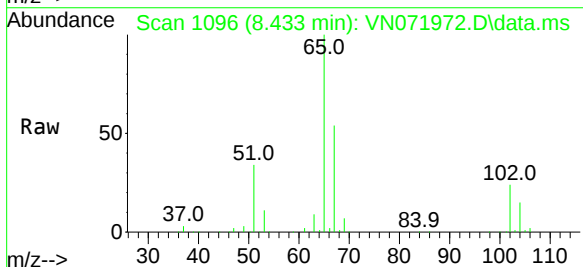
Acq: 13 Apr 2022 12:32

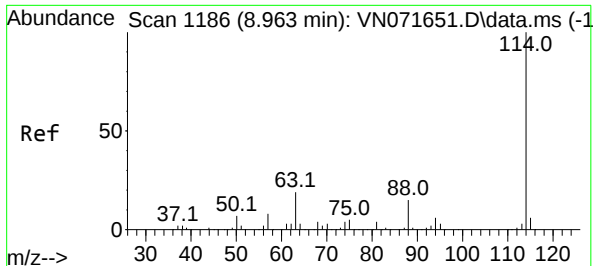
Tgt Ion: 65 Resp: 327625

Ion Ratio Lower Upper

65 100

67 54.1 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: VN071972.D

Acq: 13 Apr 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBL01

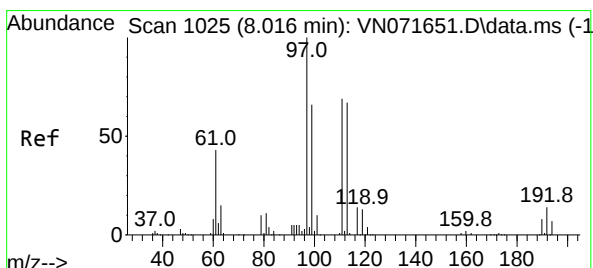
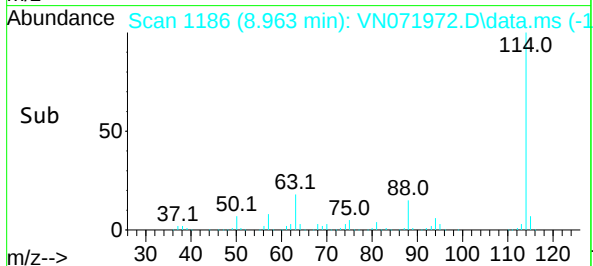
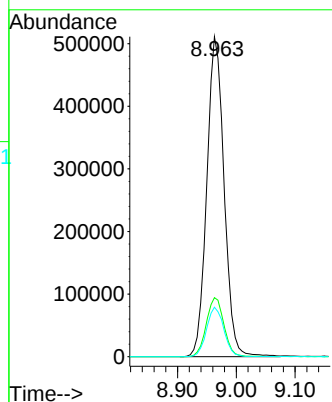
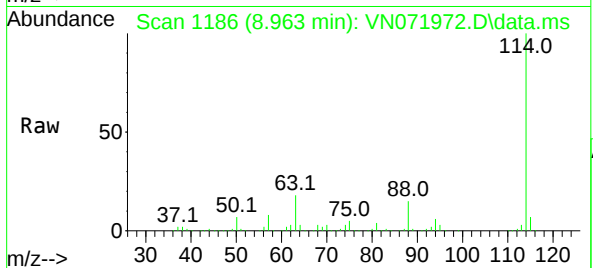
Tgt Ion:114 Resp: 1044180

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.739 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071972.D

Acq: 13 Apr 2022 12:32

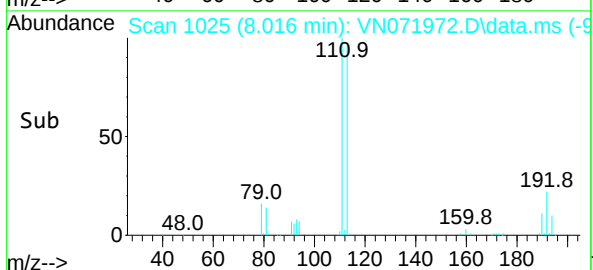
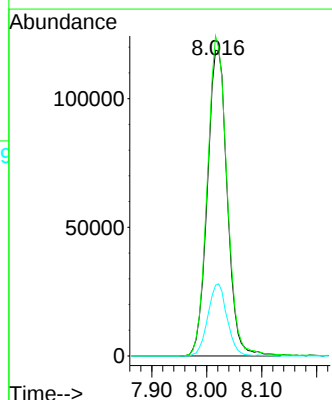
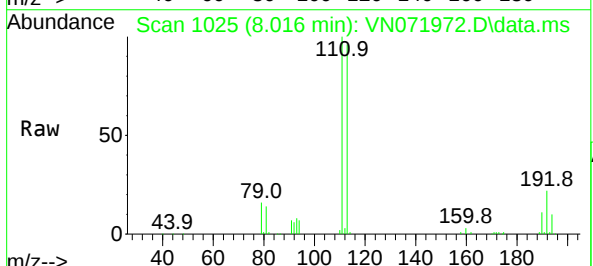
Tgt Ion:113 Resp: 299470

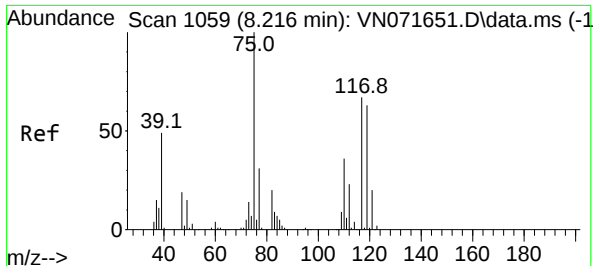
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 22.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.740 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071972.D

Acq: 13 Apr 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBL01

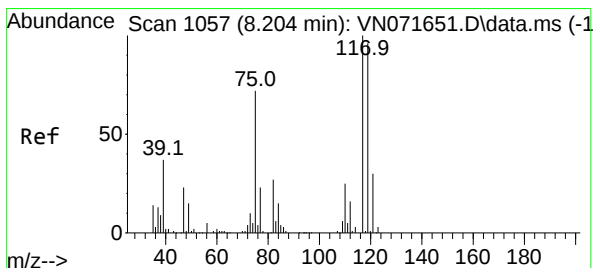
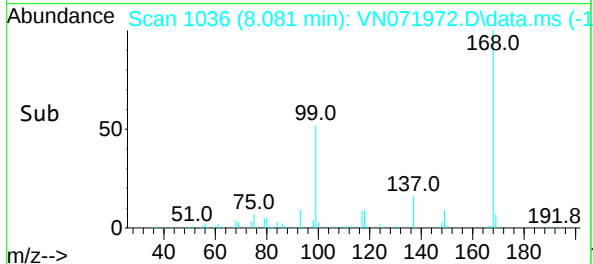
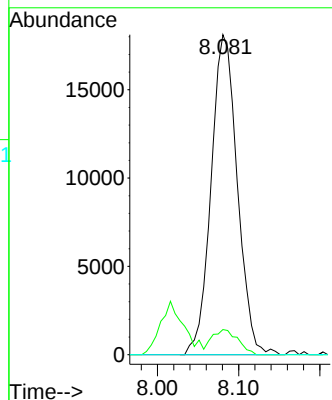
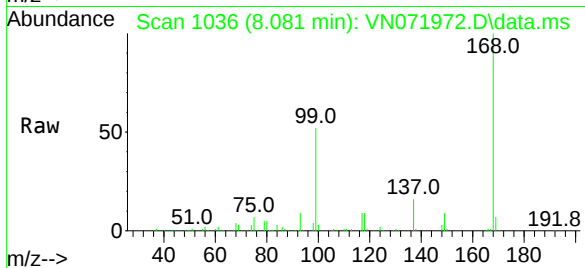
Tgt Ion: 75 Resp: 40673

Ion Ratio Lower Upper

75 100

110 7.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.590 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071972.D

Acq: 13 Apr 2022 12:32

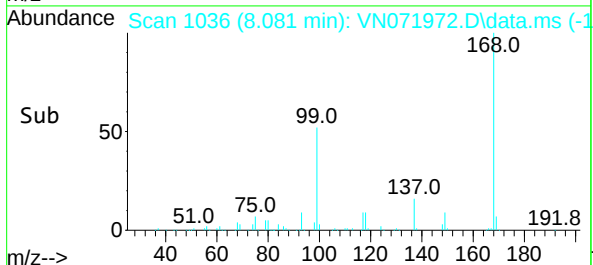
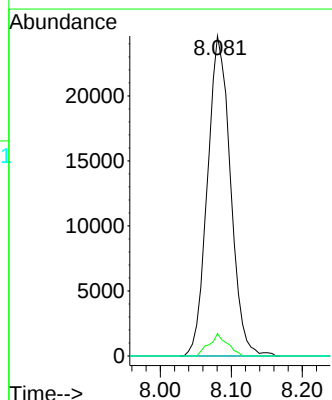
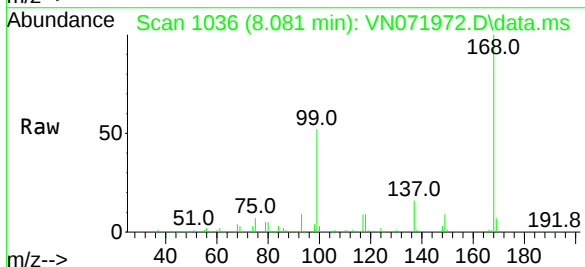
Tgt Ion: 117 Resp: 55418

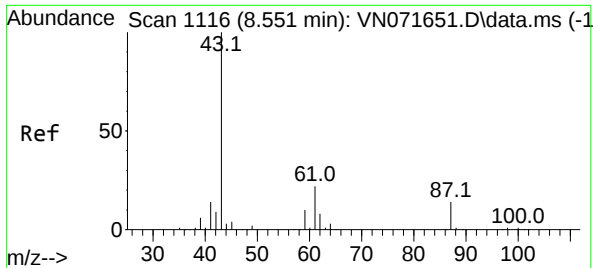
Ion Ratio Lower Upper

117 100

119 7.0 75.8 113.8#

121 0.0 24.6 37.0#

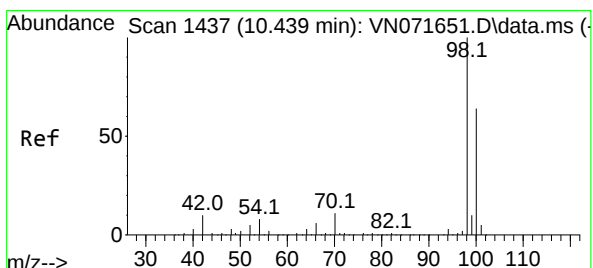
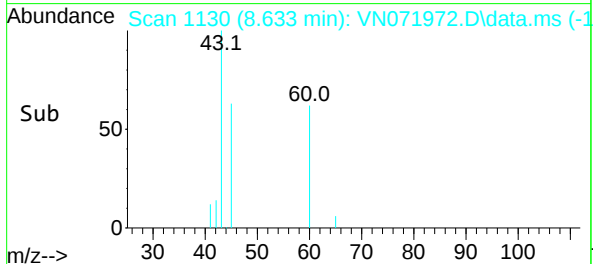
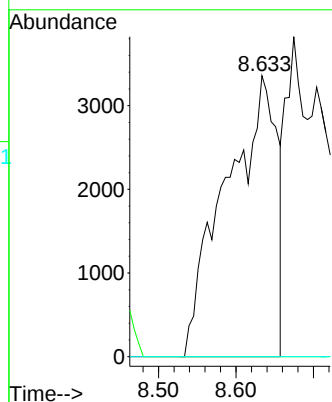
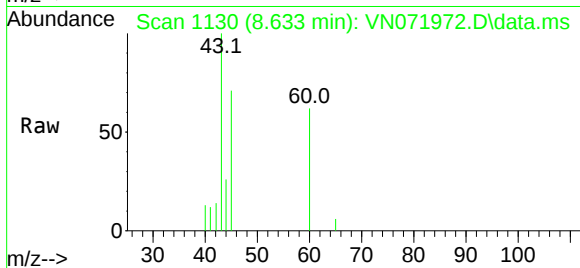




#43
Isopropyl Acetate
Concen: 0.984 ug/l
RT: 8.633 min Scan# 1116
Delta R.T. 0.082 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

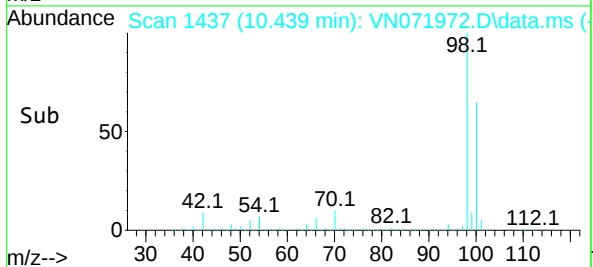
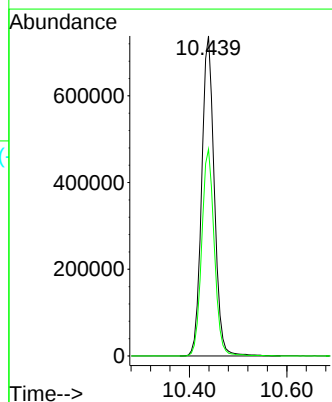
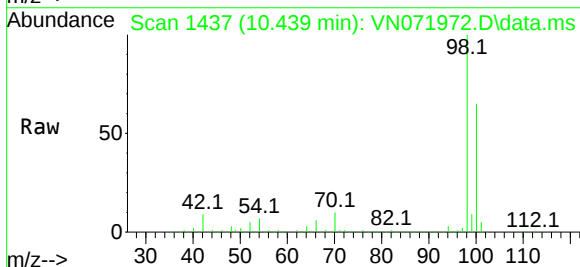
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

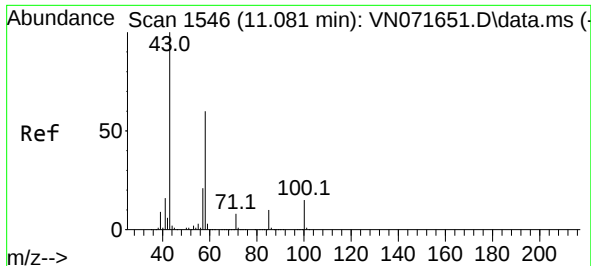
Tgt Ion: 43 Resp: 15374
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.650 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

Tgt Ion: 98 Resp: 1323370
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

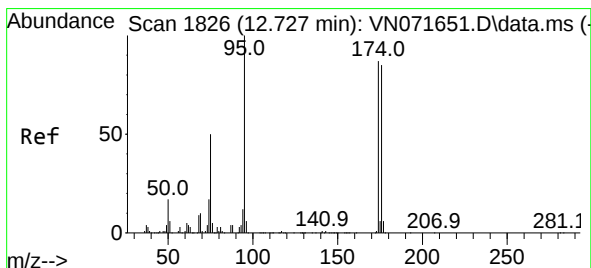
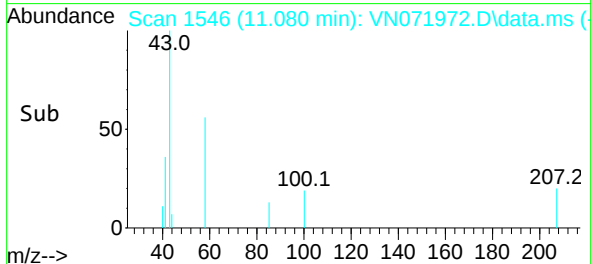
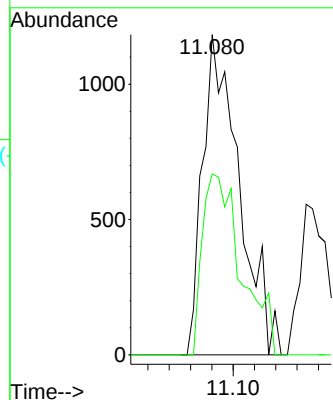
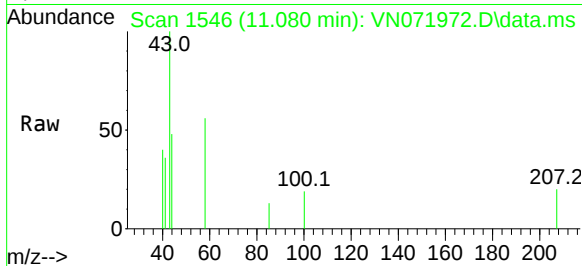




#59
2-Hexanone
Concen: 0.444 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

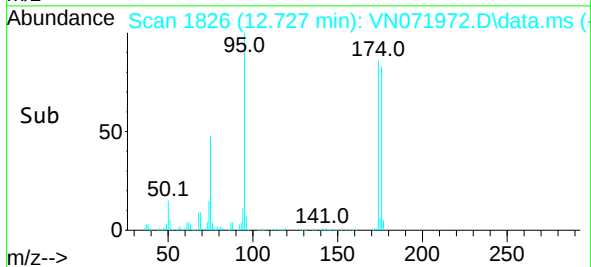
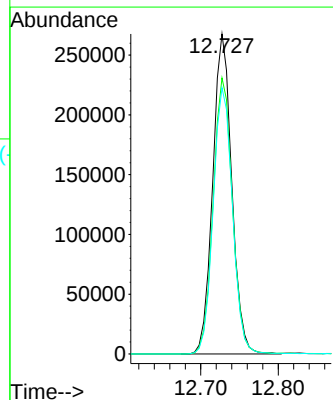
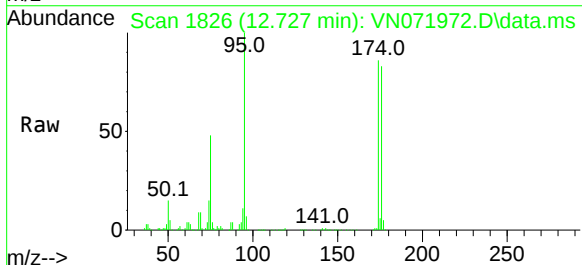
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

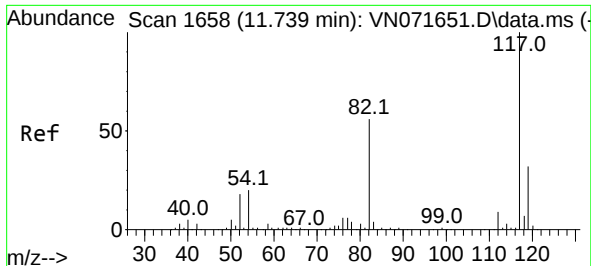
Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
58 60.2 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 56.110 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

Tgt Ion: 95 Resp: 456127
Ion Ratio Lower Upper
95 100
174 87.8 0.0 167.6
176 84.6 0.0 163.4

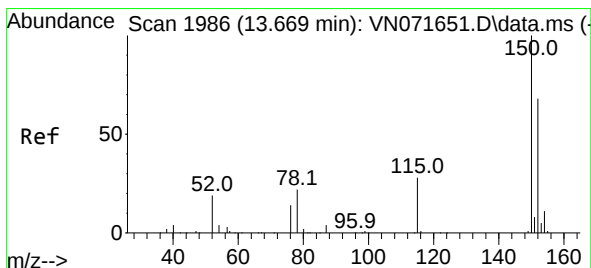
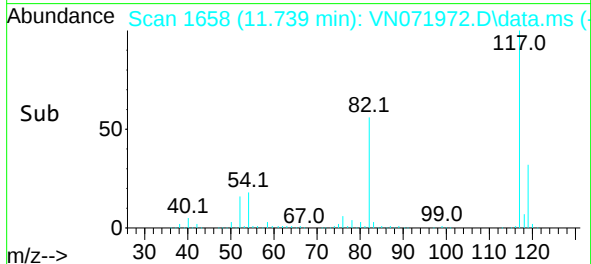
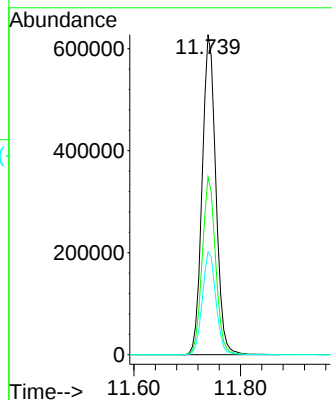
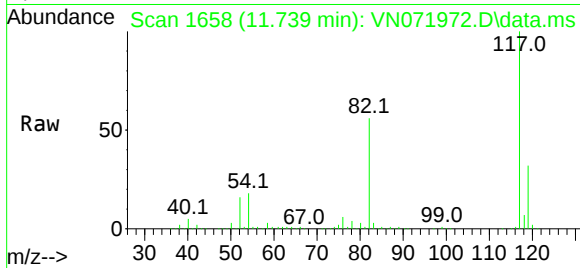




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

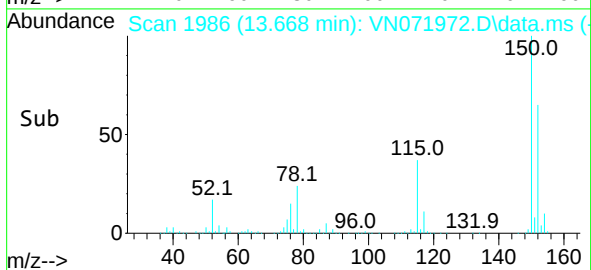
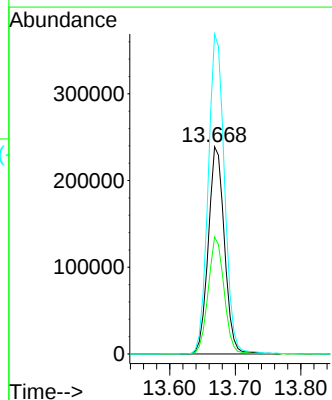
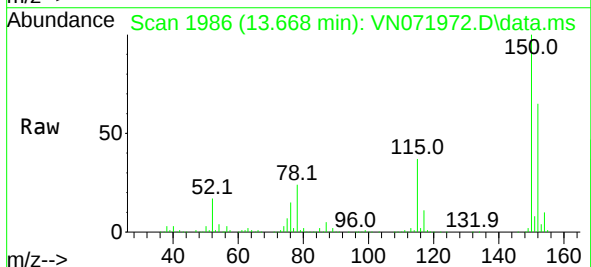
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

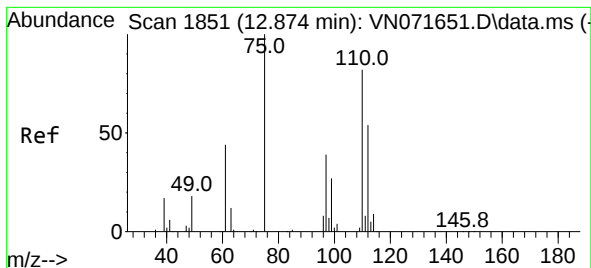
Tgt Ion:117 Resp: 1116477
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

Tgt Ion:152 Resp: 409447
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 156.2 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 23.173 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN071972.D

Acq: 13 Apr 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

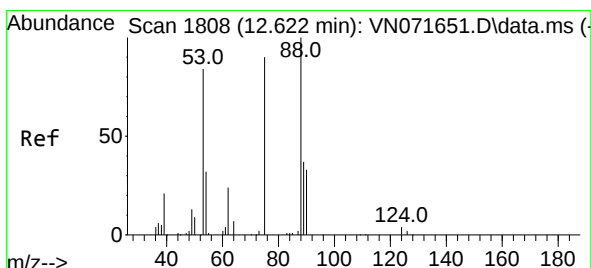
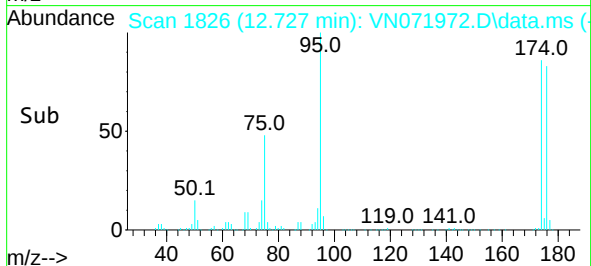
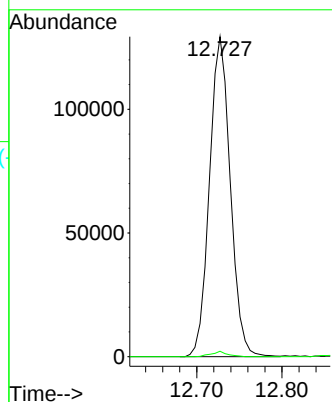
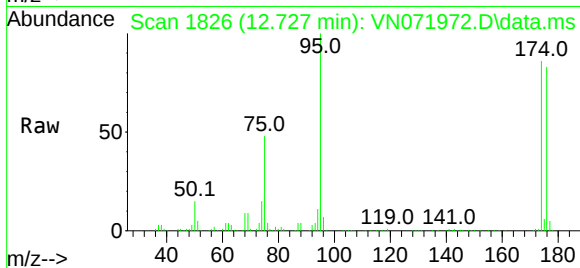
VN0413WBL01

Tgt Ion: 75 Resp: 219797

Ion Ratio Lower Upper

75 100

77 1.3 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.812 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN071972.D

Acq: 13 Apr 2022 12:32

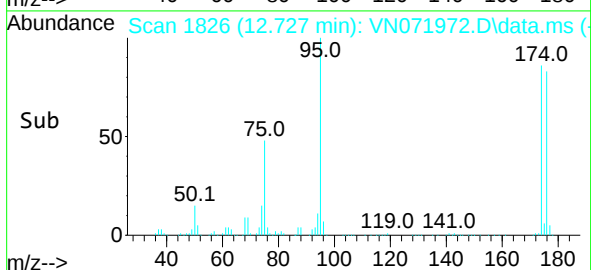
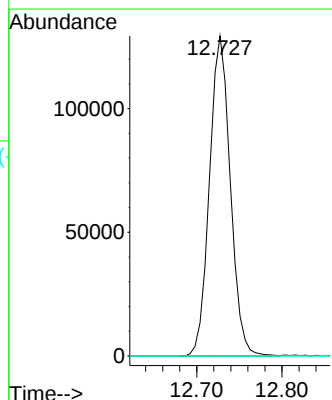
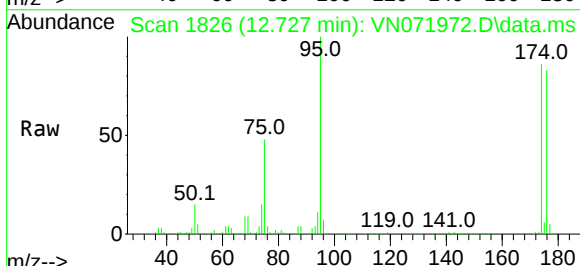
Tgt Ion: 75 Resp: 219797

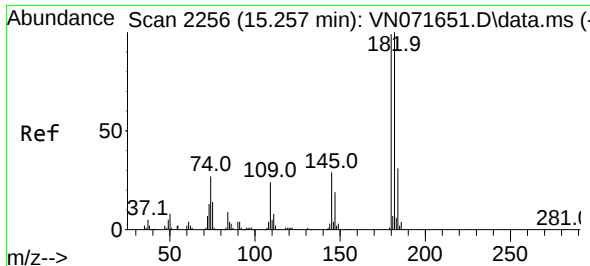
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

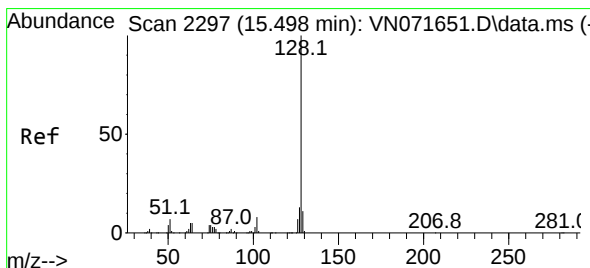
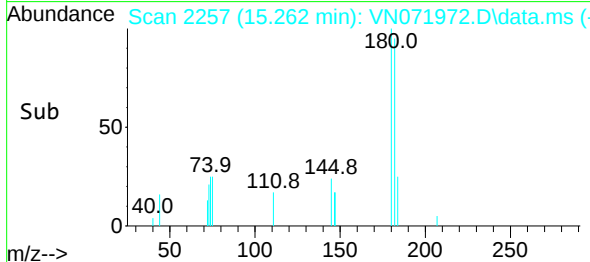
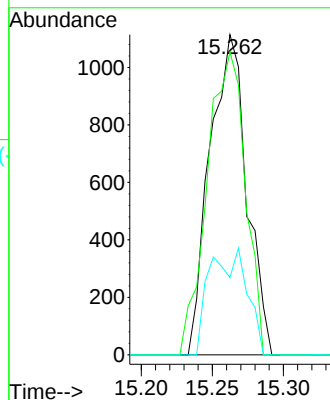
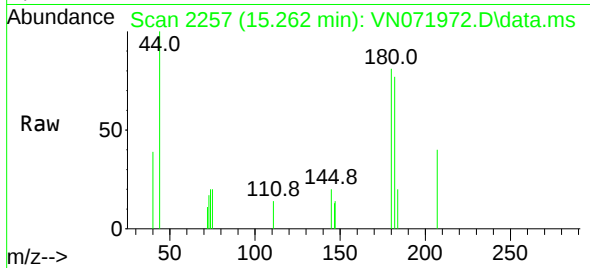




#93
1,2,4-Trichlorobenzene
Concen: 2.382 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

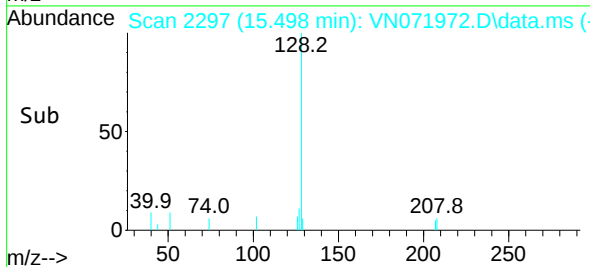
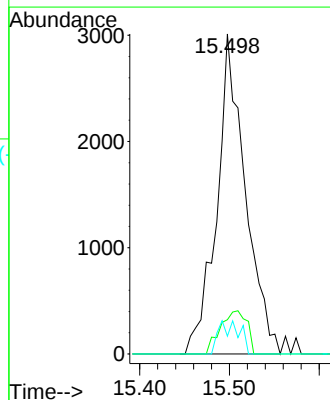
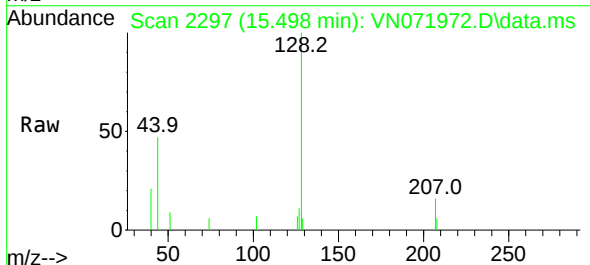
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBL01

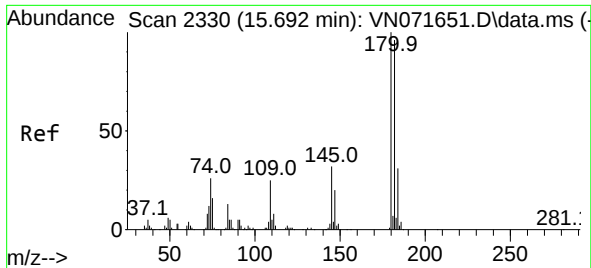
Tgt Ion:180	Resp:	2016
Ion Ratio	Lower	Upper
180	100	
182	97.4	47.5 142.5
145	33.6	14.5 43.5



#95
Naphthalene
Concen: 4.133 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071972.D
Acq: 13 Apr 2022 12:32

Tgt Ion:128	Resp:	6658
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.3 15.5
129	3.6	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.765 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071972.D
 Acq: 13 Apr 2022 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBL01

Tgt Ion:	180	Resp:	2328
Ion	Ratio	Lower	Upper
180	100		
182	101.4	47.8	143.3
145	23.3	15.5	46.5

