

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071357.D
 Acq On : 17 Mar 2022 17:34
 Operator : JC\MD
 Sample : N1826-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6NEFF0322

Quant Time: Mar 18 07:02:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

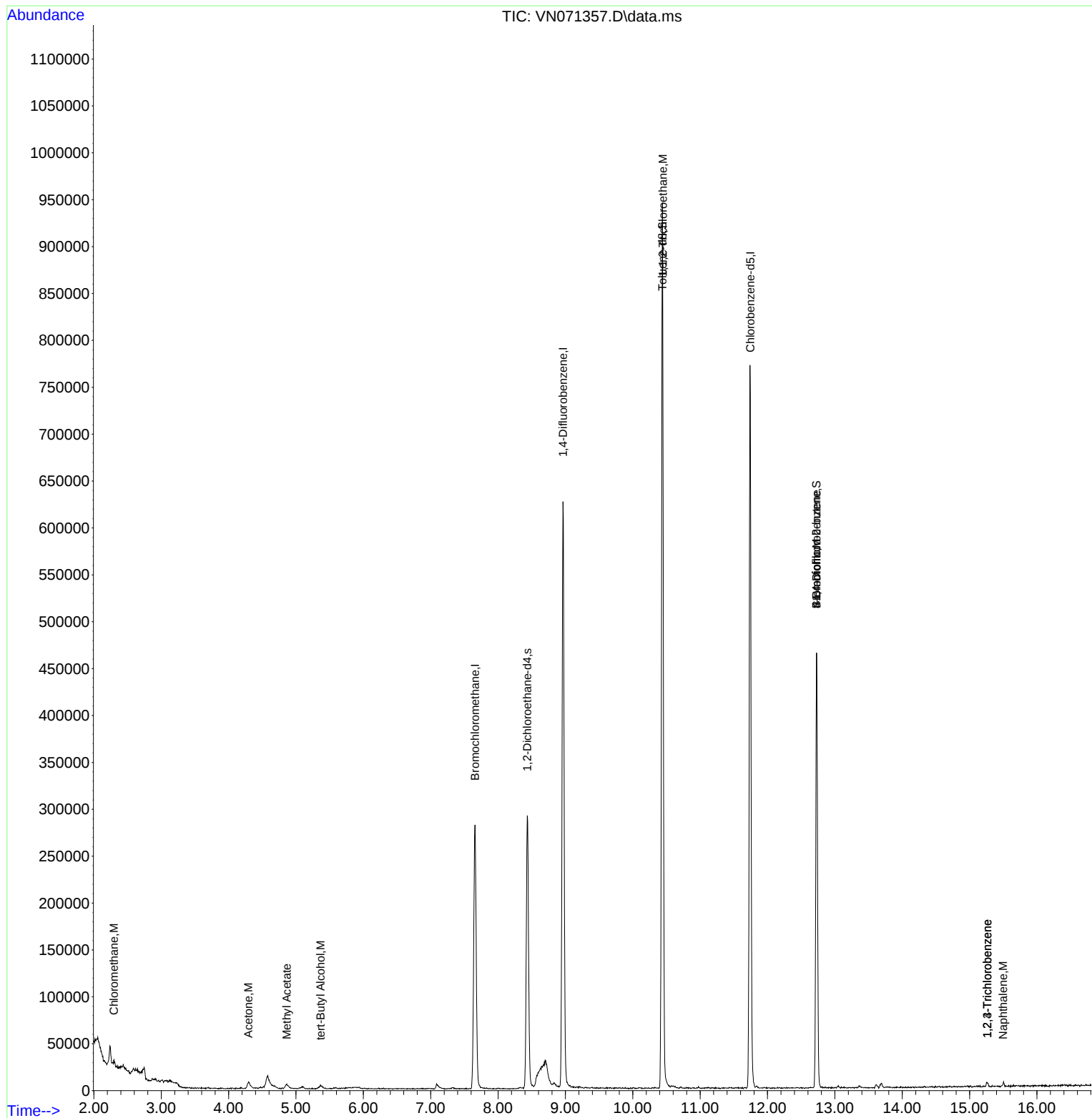
Internal Standards						
1) Bromochloromethane	7.657	128	100787	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	544335	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	450702	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	245393	30.667	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.233%
60) 4-Bromofluorobenzene	12.727	95	163691	23.509	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.367%
63) Toluene-d8	10.439	98	634124	30.585	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.967%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	3019	0.347	ug/l	96
12) Methyl Acetate	4.863	43	9965	0.904	ug/l	95
15) Acetone	4.293	58	2872	2.376	ug/l #	50
23) tert-Butyl Alcohol	5.363	59	3646	2.144	ug/l #	100
50) 1,1,2-Trichloroethane	10.445	97	24050	3.632	ug/l #	1
56) Bromoform	12.727	173	1587	0.298	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.727	75	85492	30.139	ug/l #	8
89) 1,2,4-Trichlorobenzene	15.262	180	1088	0.233	ug/l #	18
91) Naphthalene	15.498	128	4359	0.299	ug/l #	89
92) 1,2,3-Trichlorobenzene	15.262	180	1088	0.227	ug/l	17

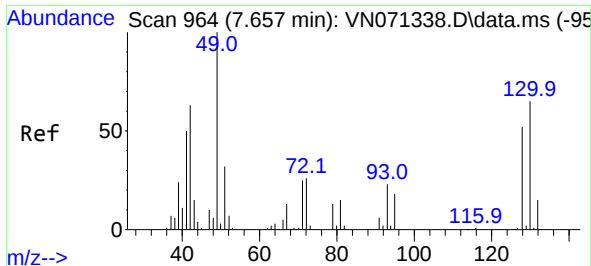
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
Data File : VN071357.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
6NEFF0322

Quant Time: Mar 18 07:02:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 17 06:37:08 2022
Response via : Initial Calibration

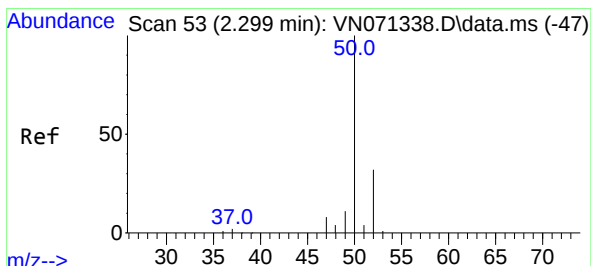
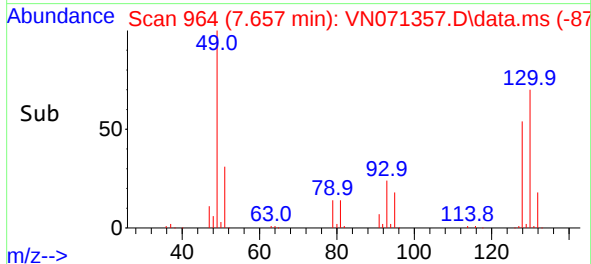
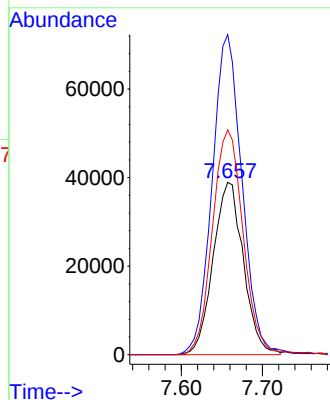
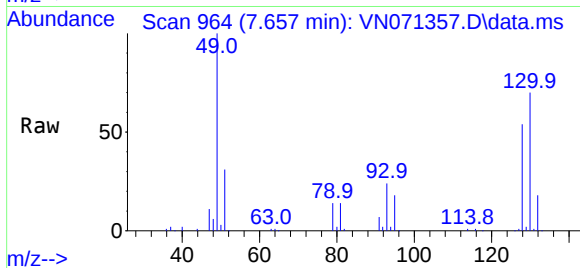




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

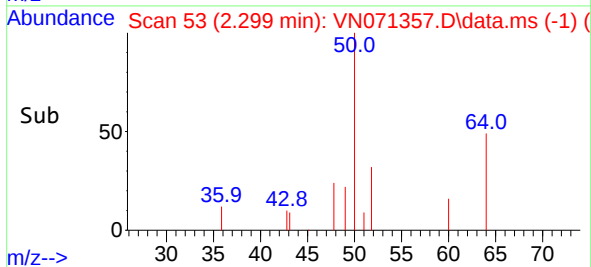
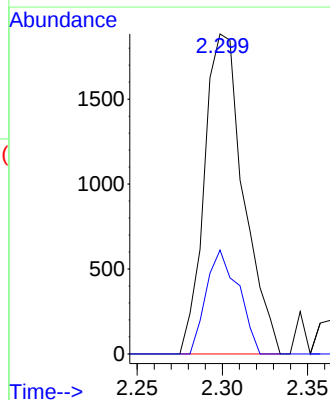
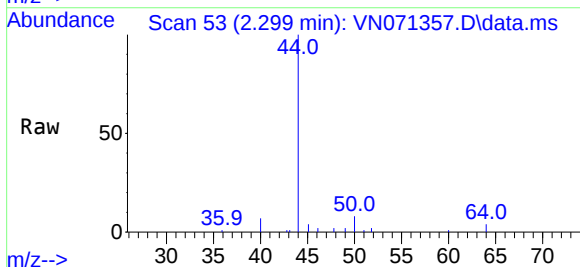
Instrument :
MSVOA_N
ClientSampleId :
6NEFF0322

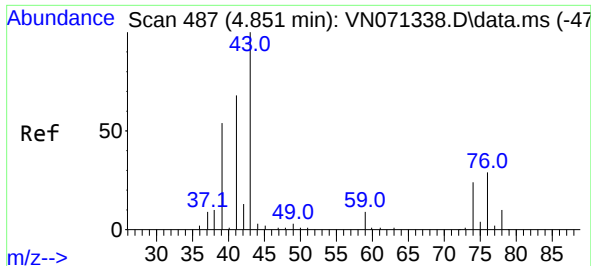
Tgt Ion:128 Resp: 100787
Ion Ratio Lower Upper
128 100
49 183.2 0.0 392.3
130 131.9 0.0 320.2



#3
Chloromethane
Concen: 0.347 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

Tgt Ion: 50 Resp: 3019
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.6

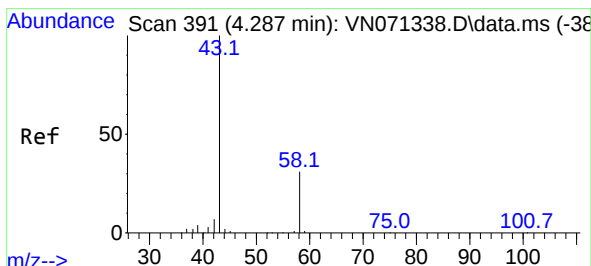
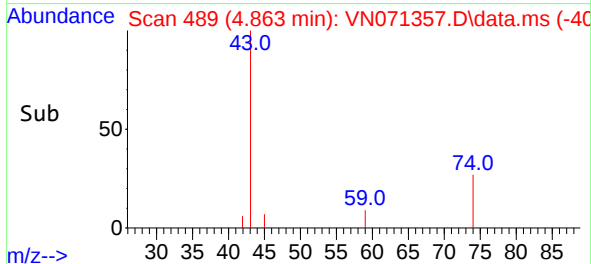
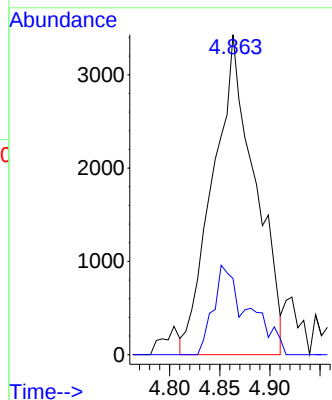
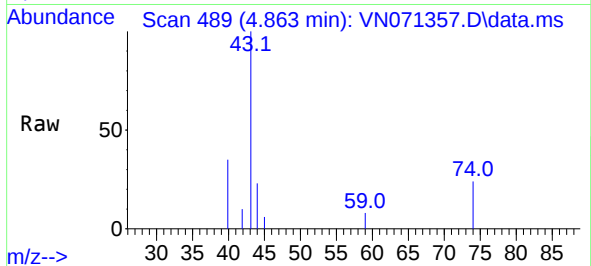




#12
Methyl Acetate
Concen: 0.904 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

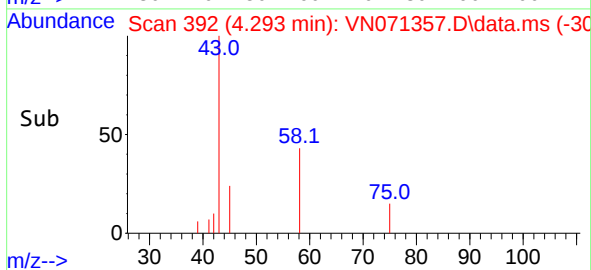
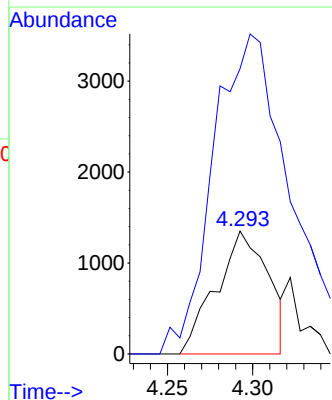
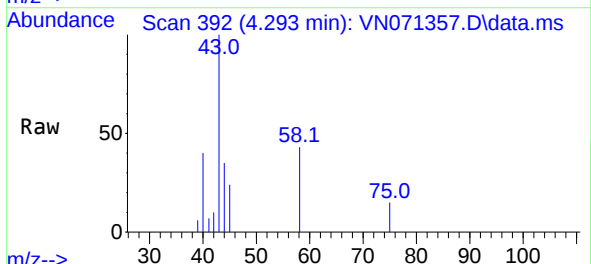
Instrument :
MSVOA_N
ClientSampleId :
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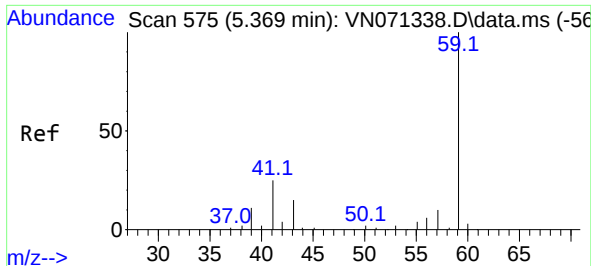
Tgt Ion: 43 Resp: 9965
Ion Ratio Lower Upper
43 100
74 23.2 20.8 31.2



#15
Acetone
Concen: 2.376 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

Tgt Ion: 58 Resp: 2872
Ion Ratio Lower Upper
58 100
43 219.2 256.6 384.8#

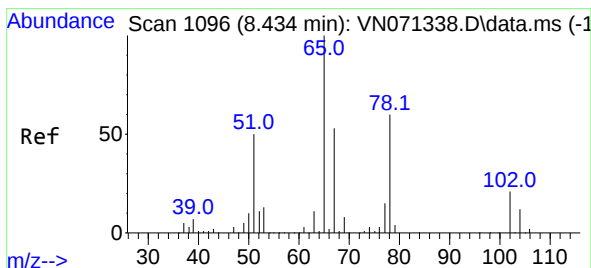
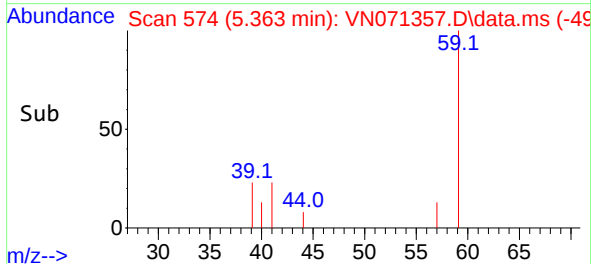
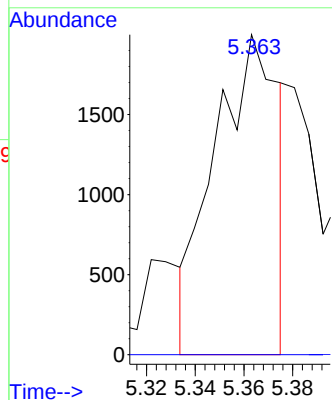
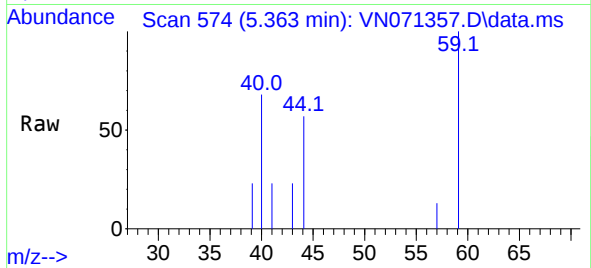




#23
tert-Butyl Alcohol
Concen: 2.144 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

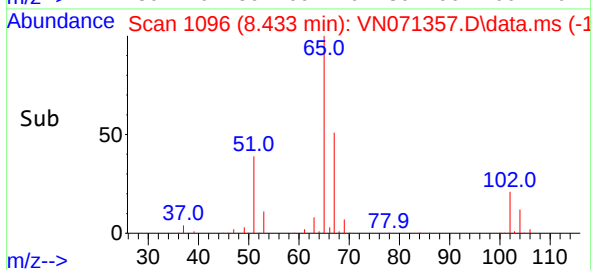
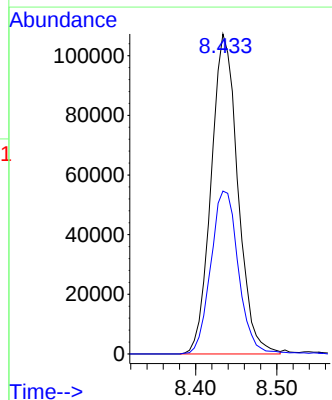
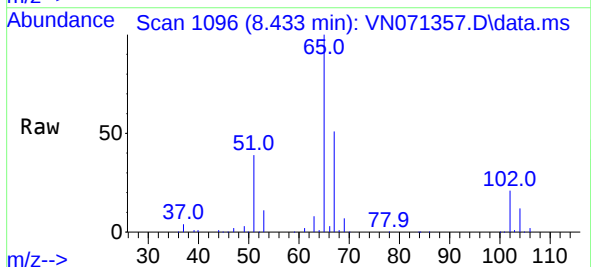
Instrument :
MSVOA_N
ClientSampleId :
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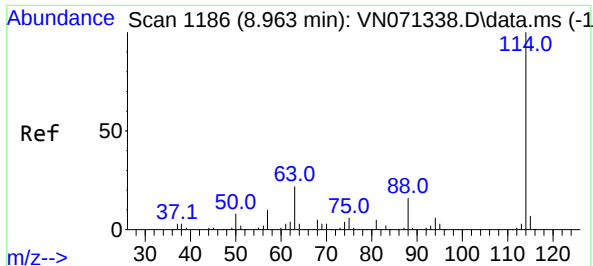
Tgt Ion: 59 Resp: 3646
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 30.667 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

Tgt Ion: 65 Resp: 245393
Ion Ratio Lower Upper
65 100
67 52.2 40.2 60.2

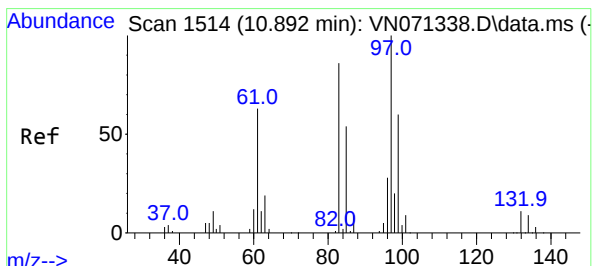
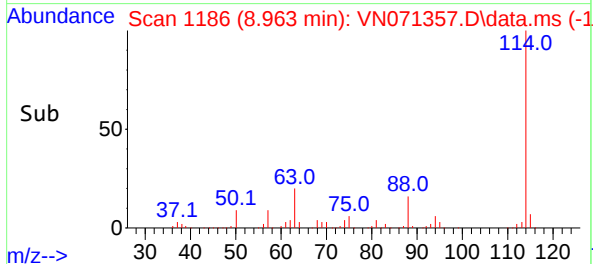
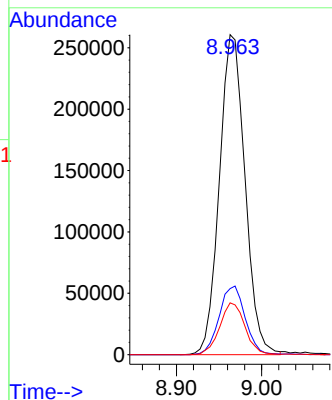
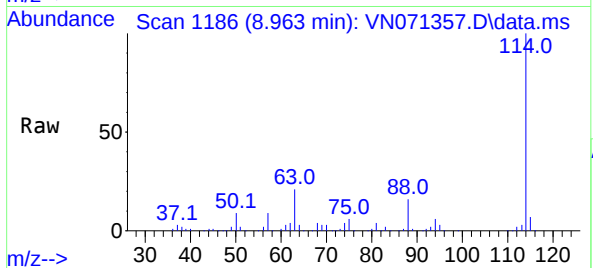




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

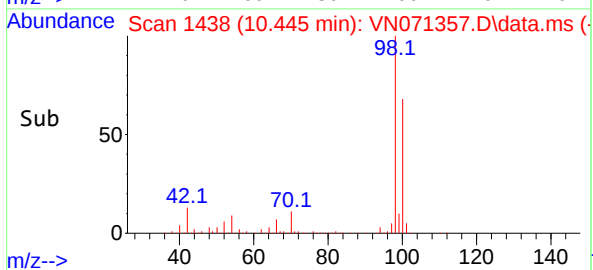
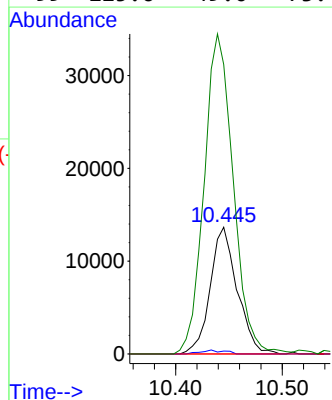
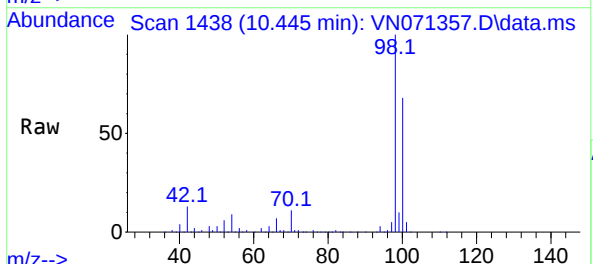
Instrument :
MSVOA_N
ClientSampleId :
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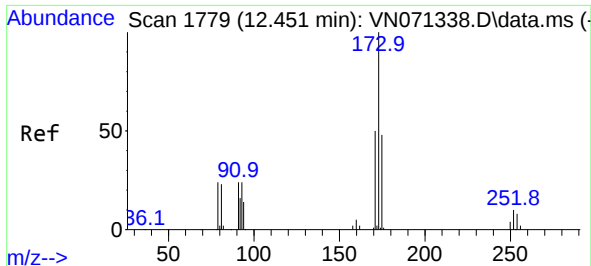
Tgt Ion:114 Resp: 544335
Ion Ratio Lower Upper
114 100
63 21.8 15.8 23.6
88 16.0 11.6 17.4



#50
1,1,2-Trichloroethane
Concen: 3.632 ug/l
RT: 10.445 min Scan# 1438
Delta R.T. -0.447 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

Tgt Ion: 97 Resp: 24050
Ion Ratio Lower Upper
97 100
83 2.3 67.2 100.8#
85 0.0 43.0 64.4#
99 225.6 49.0 73.4#

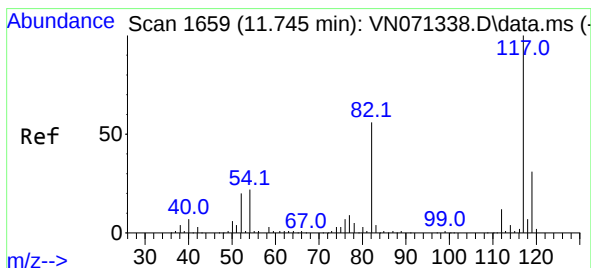
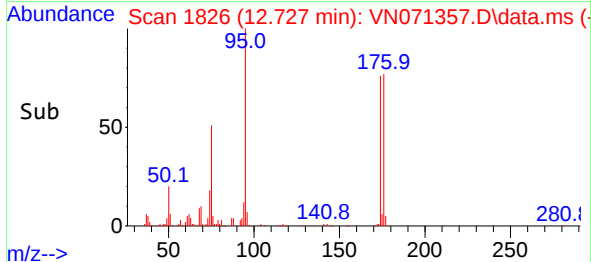
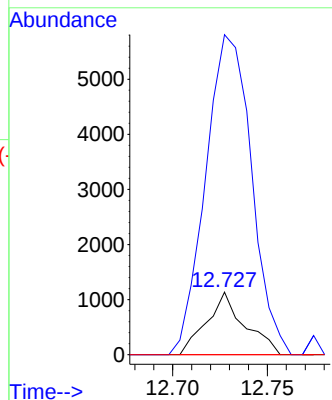
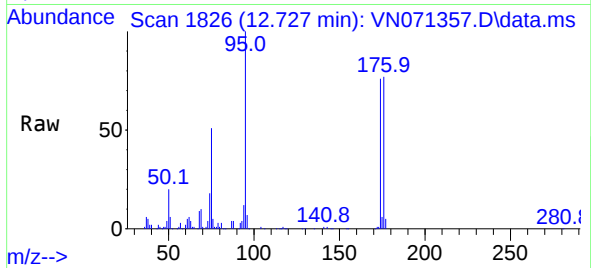




#56
Bromoform
Concen: 0.298 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.276 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

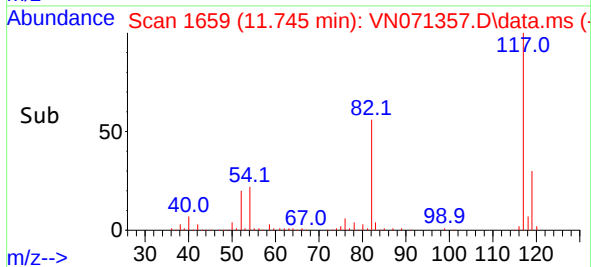
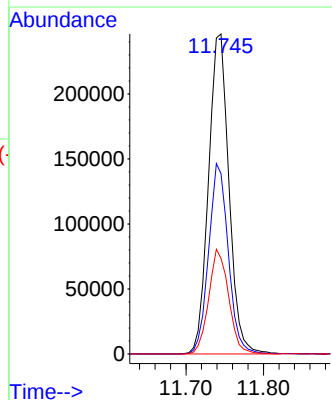
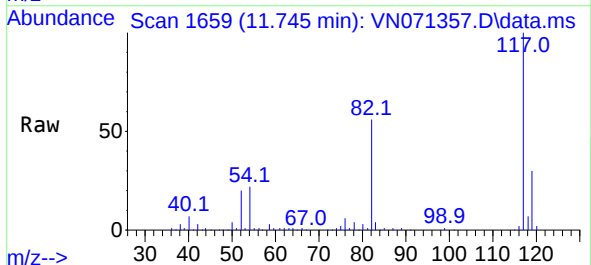
Instrument :
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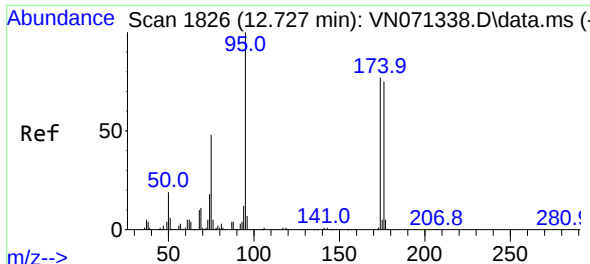
Tgt Ion:173 Resp: 1587
Ion Ratio Lower Upper
173 100
175 619.0 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

Tgt Ion:117 Resp: 450702
Ion Ratio Lower Upper
117 100
82 57.4 43.6 65.4
119 32.0 25.8 38.6

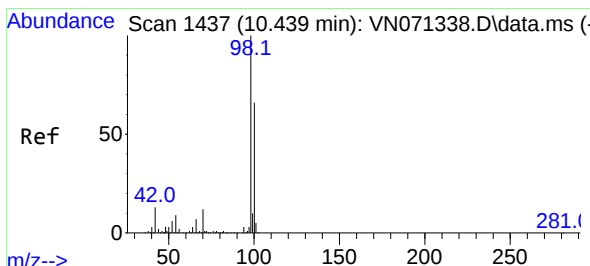
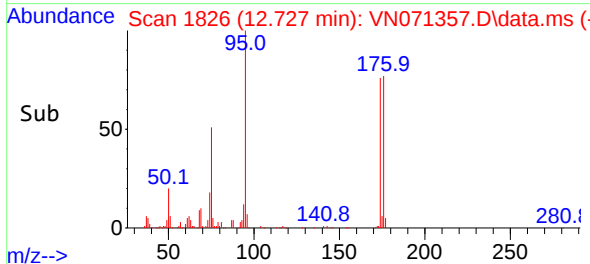
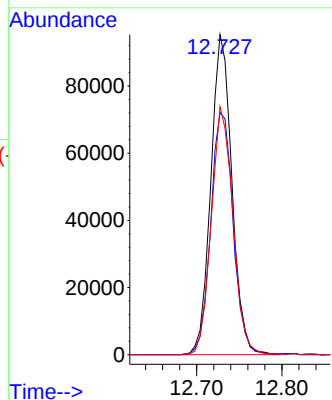
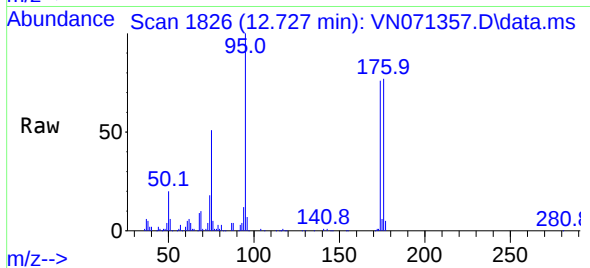




#60
4-Bromofluorobenzene
Concen: 23.509 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

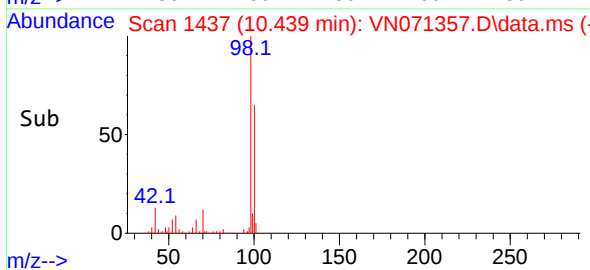
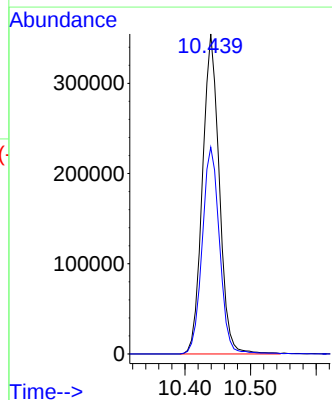
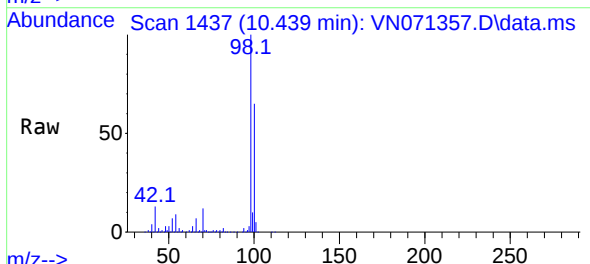
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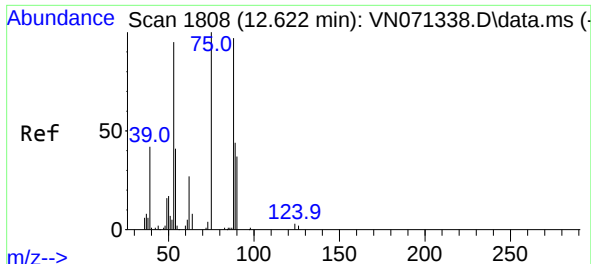
Tgt Ion: 95 Resp: 163691
Ion Ratio Lower Upper
95 100
174 80.5 62.9 94.3
176 79.2 61.0 91.4



#63
Toluene-d8
Concen: 30.585 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

Tgt Ion: 98 Resp: 634124
Ion Ratio Lower Upper
98 100
100 66.4 50.6 76.0





#77

t-1,4-Dichloro-2-butene

Concen: 30.139 ug/l

RT: 12.727 min Scan# 11

Delta R.T. 0.106 min

Lab File: VN071357.D

Acq: 17 Mar 2022 17:34

Instrument :

MSVOA_N

ClientSampleId :

6NEFF0322

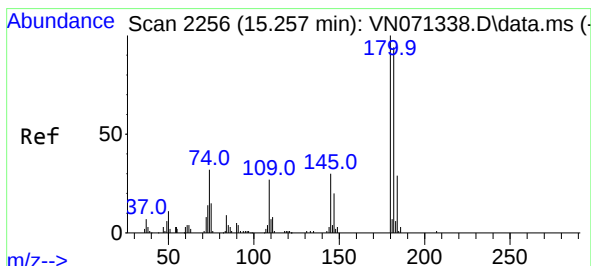
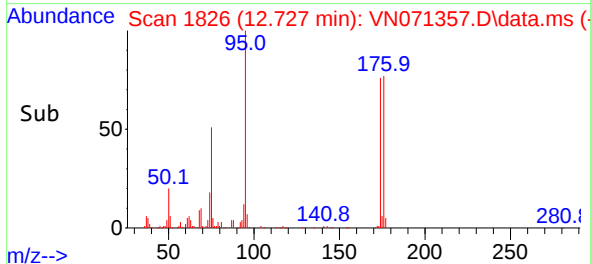
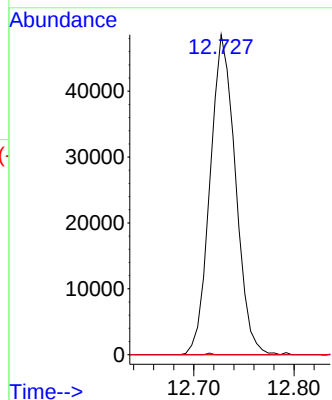
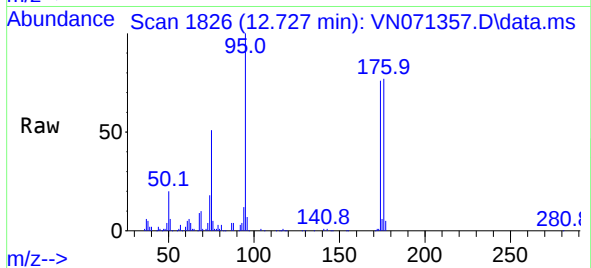
Tgt Ion: 75 Resp: 85492

Ion Ratio Lower Upper

75 100

53 0.0 51.8 155.5#

89 0.0 22.9 68.7#



#89

1,2,4-Trichlorobenzene

Concen: 0.233 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.006 min

Lab File: VN071357.D

Acq: 17 Mar 2022 17:34

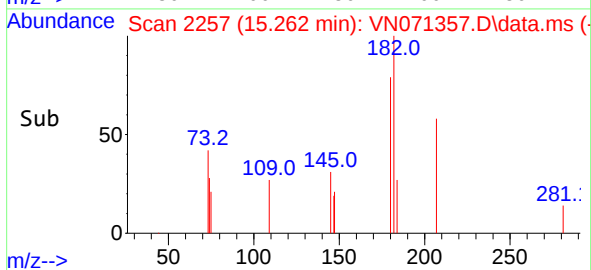
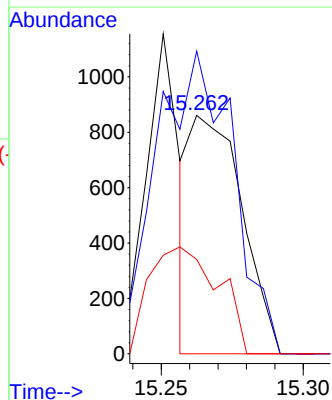
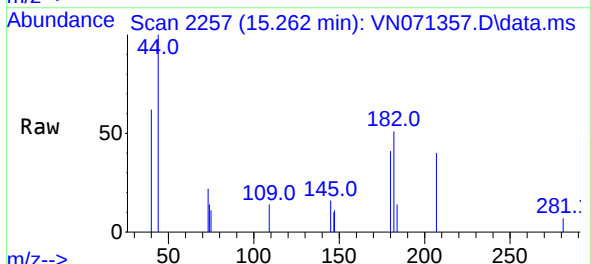
Tgt Ion:180 Resp: 1088

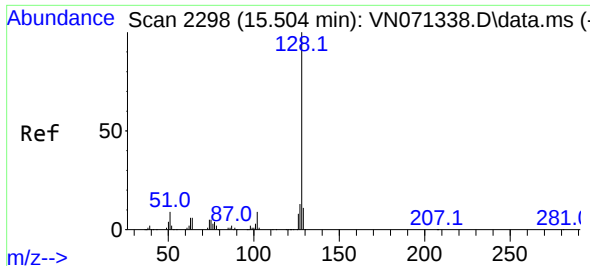
Ion Ratio Lower Upper

180 100

182 188.7 77.7 116.5#

145 60.1 26.6 39.8#

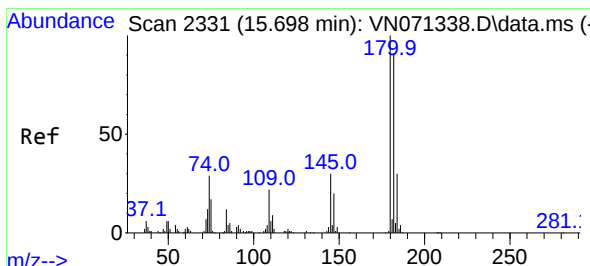
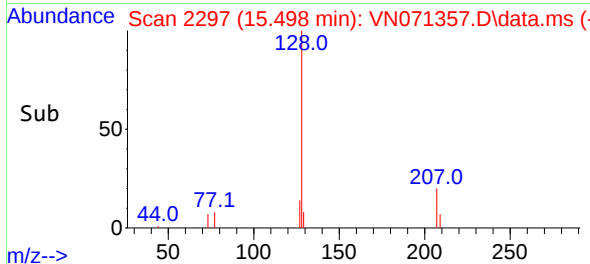
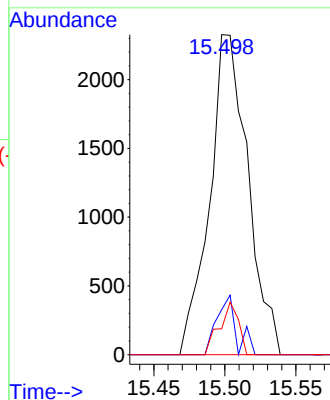
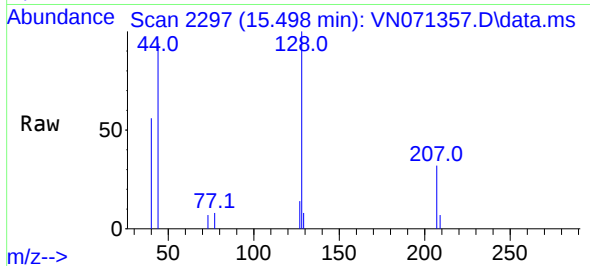




#91
Naphthalene
Concen: 0.299 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

Instrument :
MSVOA_N
ClientSampleId :
6NEFF0322

Tgt Ion:128 Resp: 4359
Ion Ratio Lower Upper
128 100
127 7.9 10.7 16.1#
129 8.2 9.0 13.6#



#92
1,2,3-Trichlorobenzene
Concen: 0.227 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. -0.435 min
Lab File: VN071357.D
Acq: 17 Mar 2022 17:34

Tgt Ion:180 Resp: 1088
Ion Ratio Lower Upper
180 100
182 188.7 0.0 190.0
145 60.1 0.0 67.8

