

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071115.D
 Acq On : 01 Mar 2022 13:28
 Operator : JC\MD
 Sample : VN0301WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBL01

Quant Time: Mar 02 03:28:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

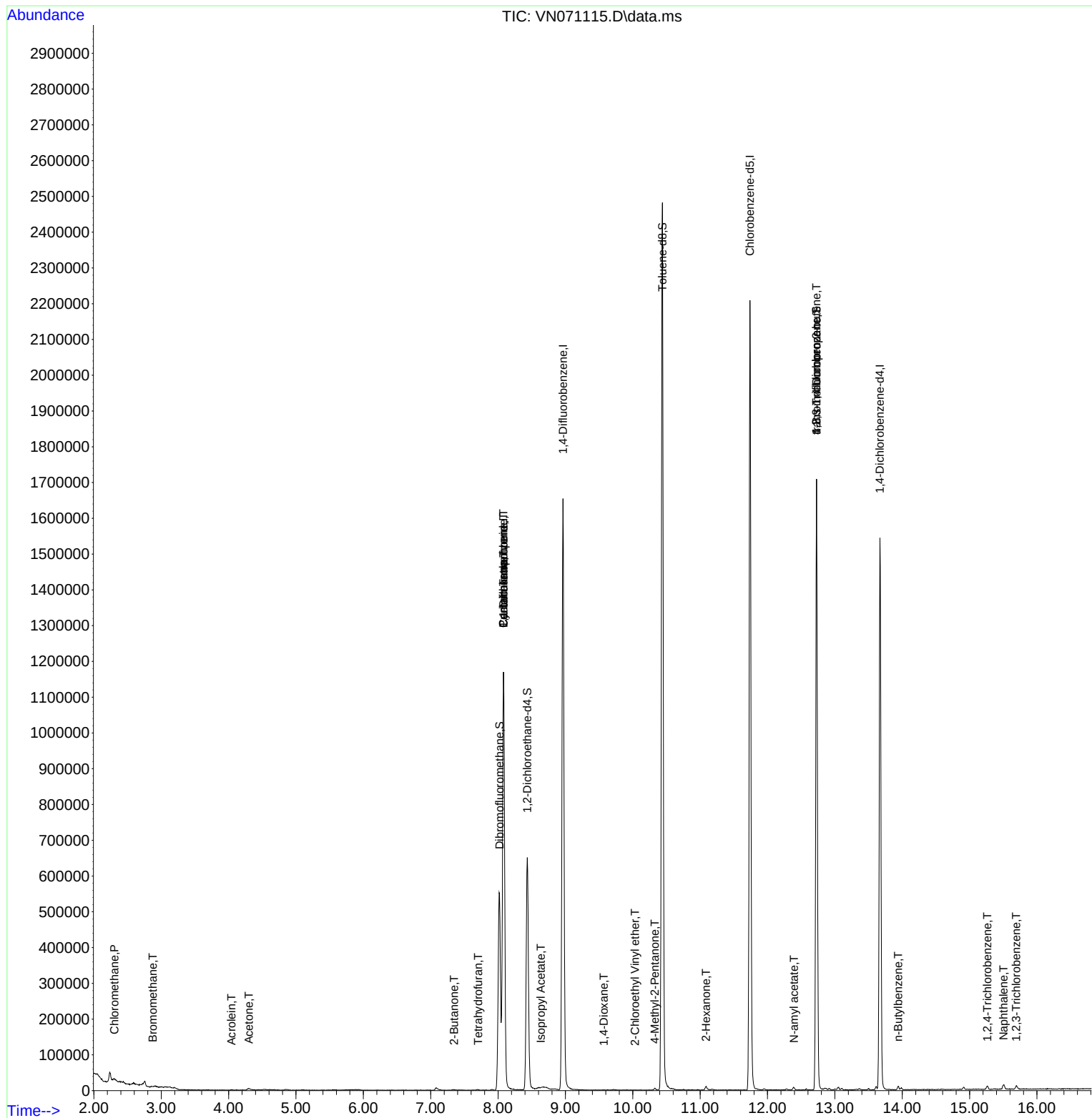
Internal Standards						
1) Pentafluorobenzene	8.080	168	902651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1449369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1281483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	435893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	537920	52.169	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.340%	
35) Dibromofluoromethane	8.022	113	416645	48.330	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.660%	
50) Toluene-d8	10.439	98	1749325	50.528	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.727	95	593761	47.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2819	0.239	ug/l	89
5) Bromomethane	2.875	94	1742	0.260	ug/l #	68
13) Acrolein	4.040	56	421	0.251	ug/l #	1
16) Acetone	4.298	43	4897	0.862	ug/l	91
18) Methyl Acetate	4.845	43	4147	Below Cal		90
25) 2-Butanone	7.345	43	3747	0.496	ug/l #	74
29) Tetrahydrofuran	7.704	42	1339	0.274	ug/l #	56
31) Cyclohexane	8.080	56	18235	1.023	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	69167	4.897	ug/l #	49
38) Carbon Tetrachloride	8.080	117	88676	6.372	ug/l #	17
43) Isopropyl Acetate	8.633	43	9175	0.384	ug/l #	55
49) 1,4-Dioxane	9.569	88	58	0.289	ug/l #	1
51) 4-Methyl-2-Pentanone	10.327	43	3986	0.274	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.033	63	66	31.818	ug/l #	45
59) 2-Hexanone	11.086	43	9430	0.944	ug/l	96
74) N-amyl acetate	12.392	43	4814	0.429	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	299713	29.203	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	299713	94.631	ug/l #	5
89) n-Butylbenzene	13.939	91	6223	0.262	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	3616	2.431	ug/l	94
95) Naphthalene	15.504	128	13175	5.598	ug/l	96
96) 1,2,3-Trichlorobenzene	15.692	180	4114	3.044	ug/l	92

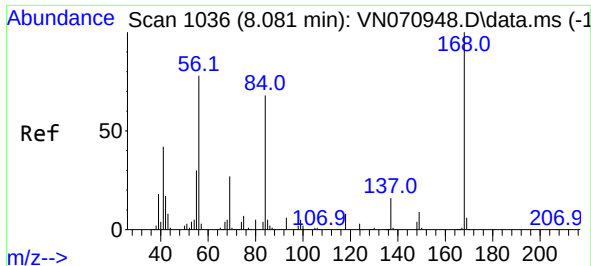
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
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Quant Time: Mar 02 03:28:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

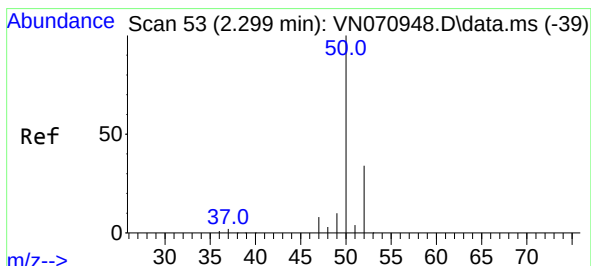
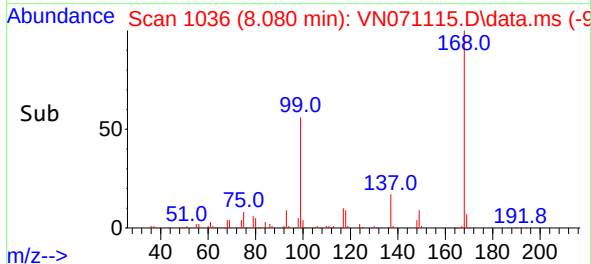
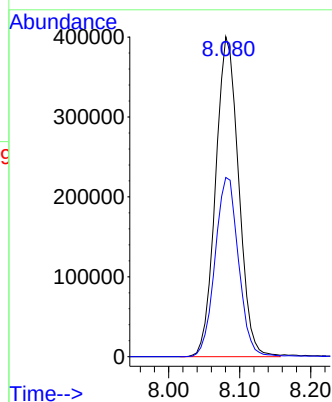
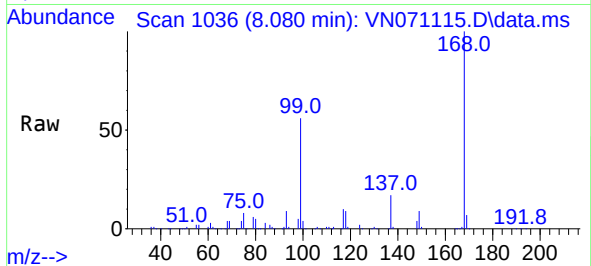




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

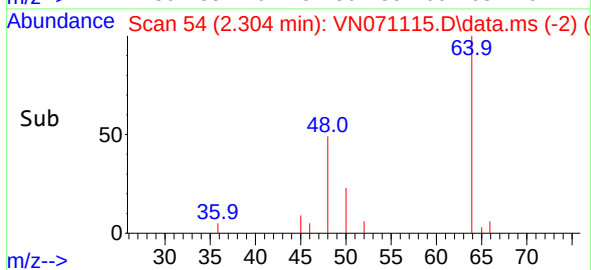
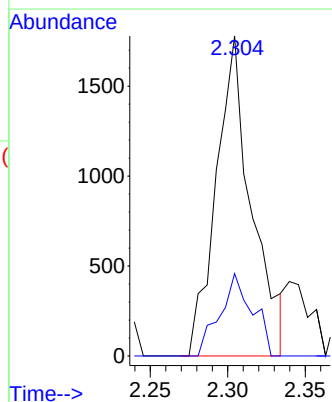
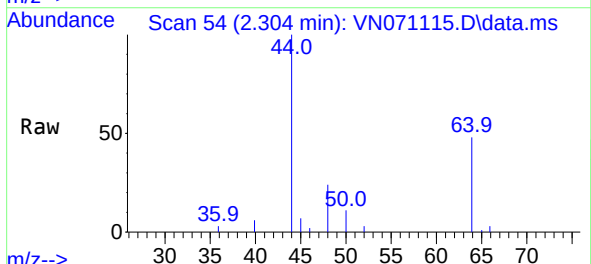
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

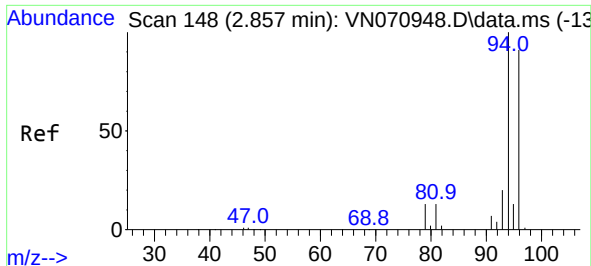
Tgt Ion:168 Resp: 902651
Ion Ratio Lower Upper
168 100
99 56.0 41.3 61.9



#3
Chloromethane
Concen: 0.239 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 50 Resp: 2819
Ion Ratio Lower Upper
50 100
52 25.7 25.4 38.0

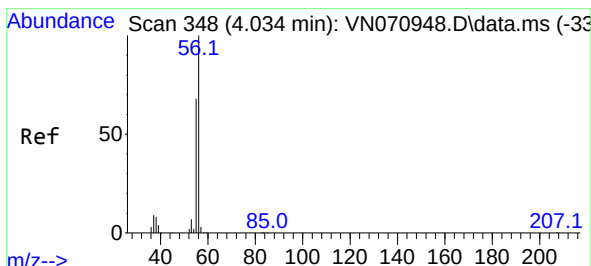
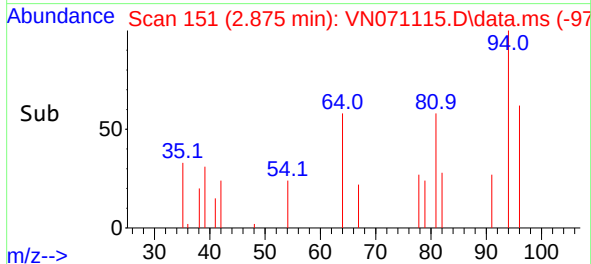
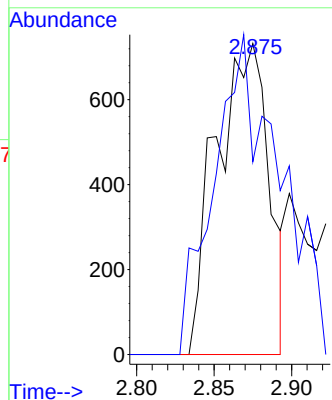
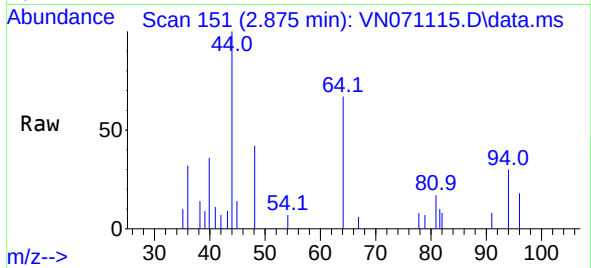




#5
Bromomethane
Concen: 0.260 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

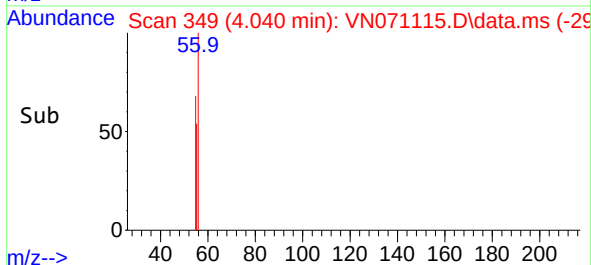
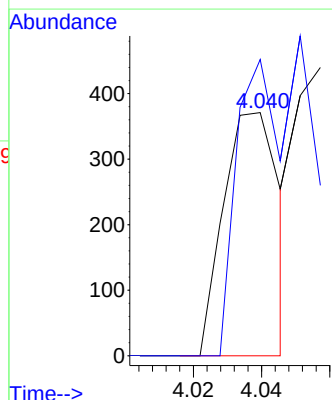
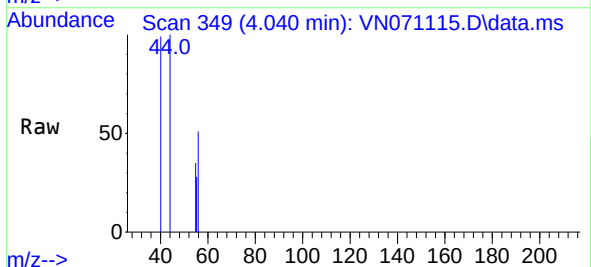
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

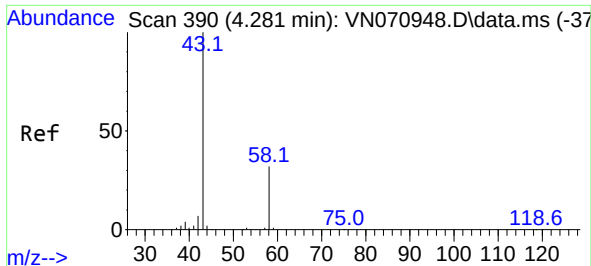
Tgt Ion: 94 Resp: 1742
Ion Ratio Lower Upper
94 100
96 62.0 73.8 110.8#



#13
Acrolein
Concen: 0.251 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 56 Resp: 421
Ion Ratio Lower Upper
56 100
55 189.5 56.6 85.0#

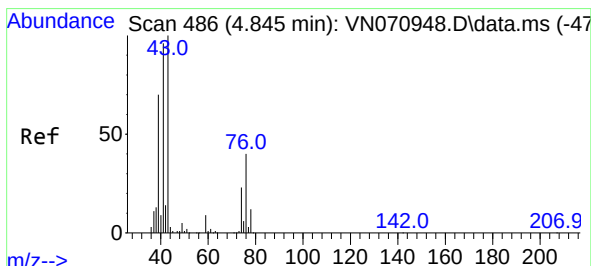
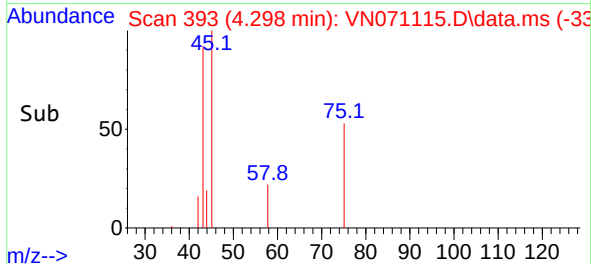
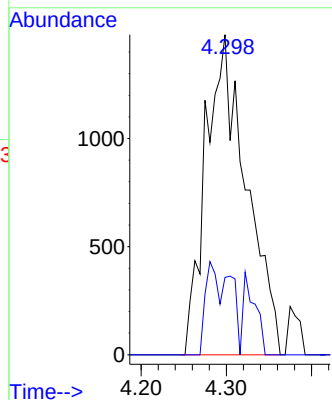
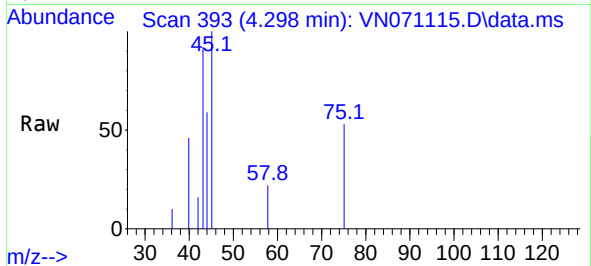




#16
Acetone
Concen: 0.862 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

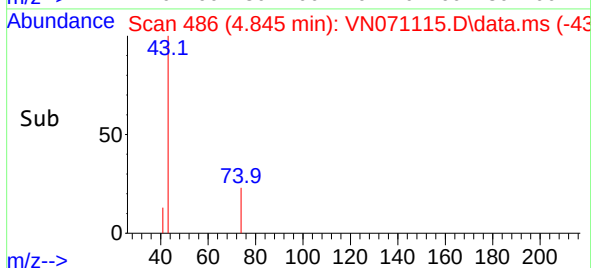
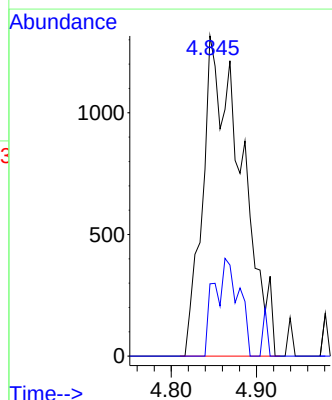
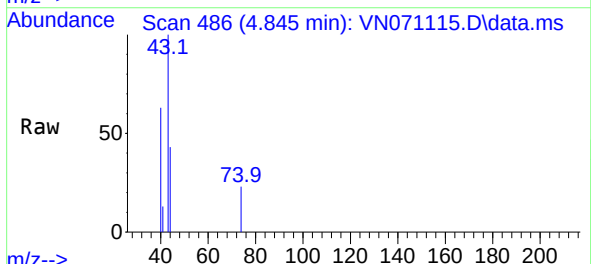
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

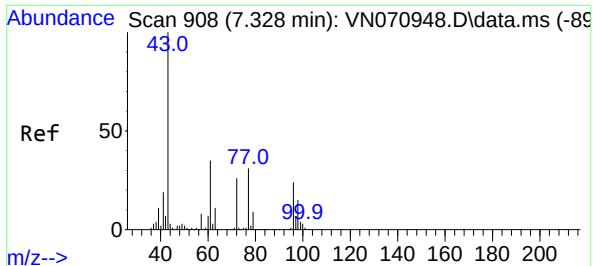
Tgt Ion: 43 Resp: 4897
Ion Ratio Lower Upper
43 100
58 24.2 23.1 34.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 43 Resp: 4147
Ion Ratio Lower Upper
43 100
74 19.6 19.4 29.2

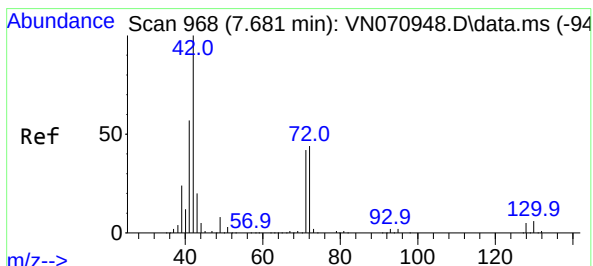
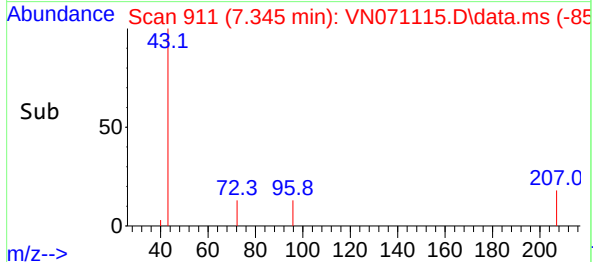
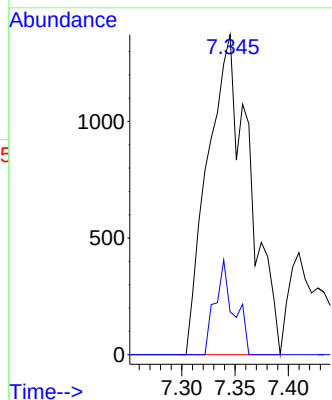
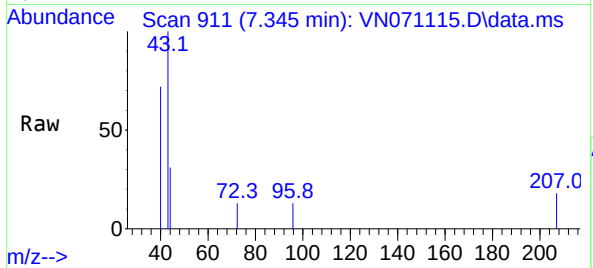




#25
2-Butanone
Concen: 0.496 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

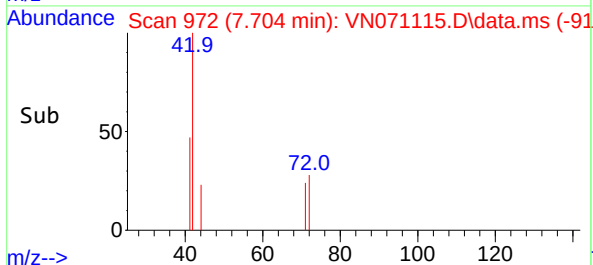
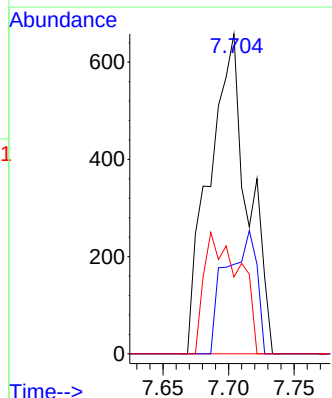
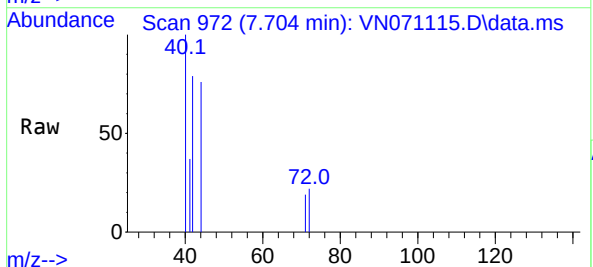
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

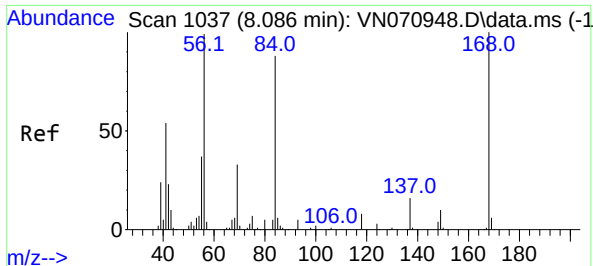
Tgt Ion: 43 Resp: 3747
Ion Ratio Lower Upper
43 100
72 13.4 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.274 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.023 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 42 Resp: 1339
Ion Ratio Lower Upper
42 100
72 30.8 36.3 54.5#
71 0.0 34.7 52.1#

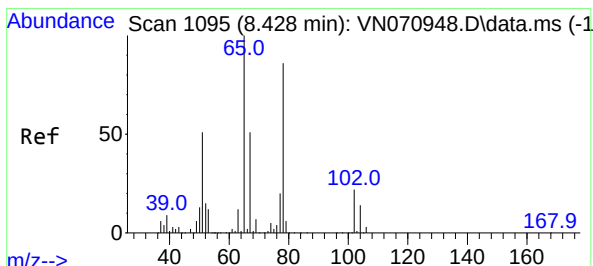
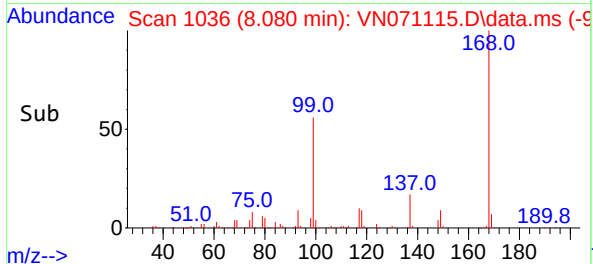
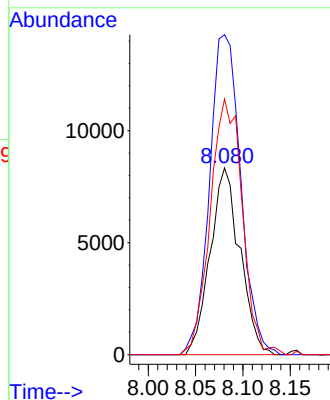
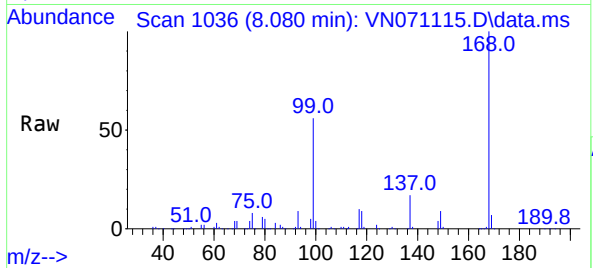




#31
Cyclohexane
Concen: 1.023 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

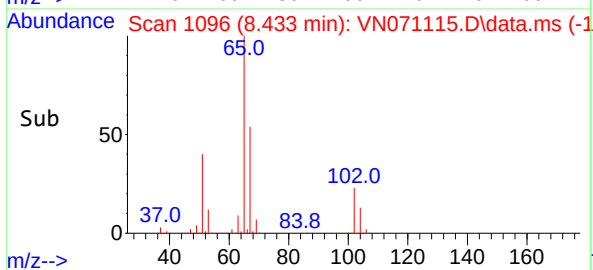
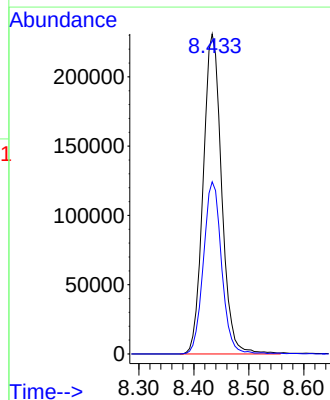
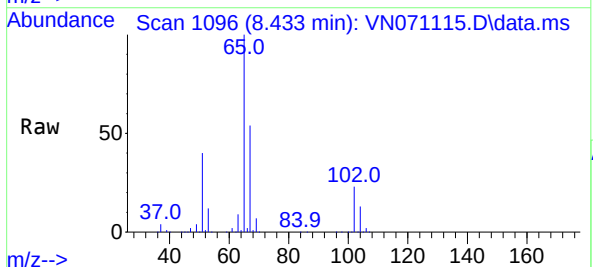
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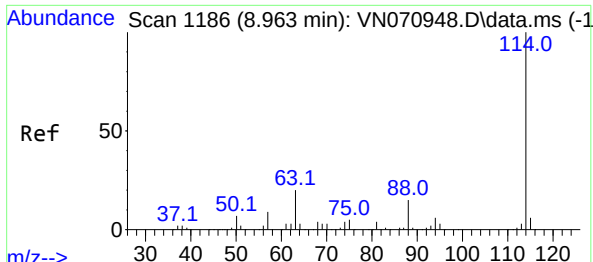
Tgt Ion: 56 Resp: 18235
Ion Ratio Lower Upper
56 100
69 171.3 27.1 40.7#
84 136.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.169 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 65 Resp: 537920
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

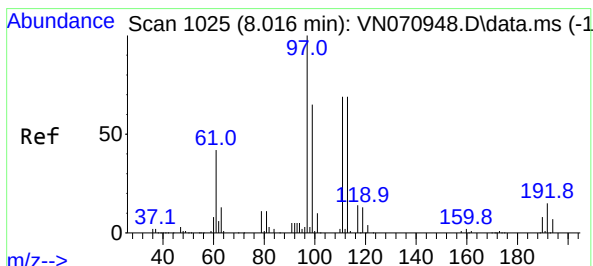
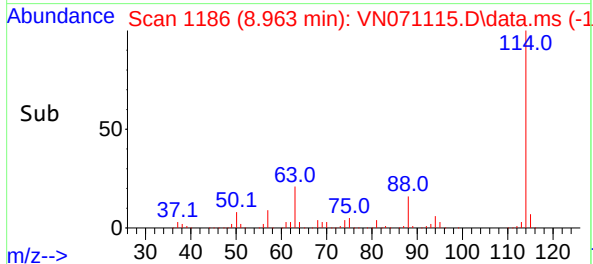
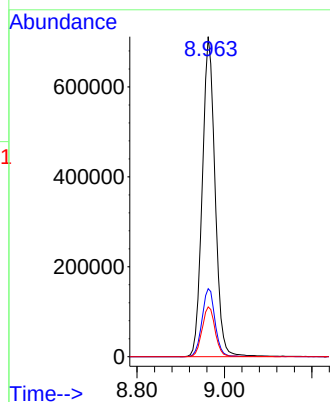
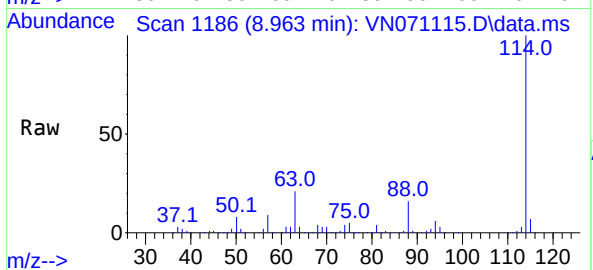




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

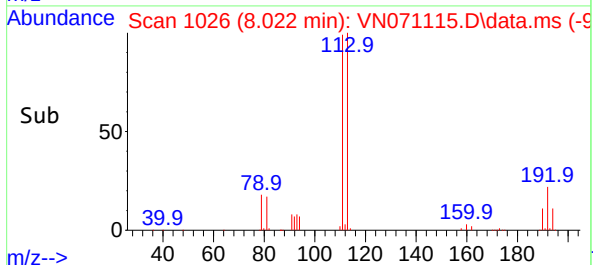
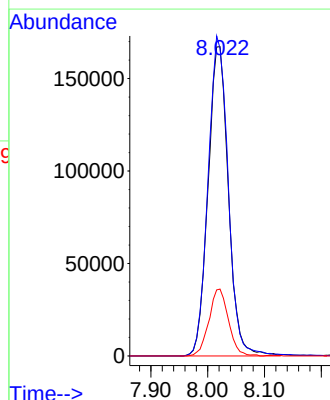
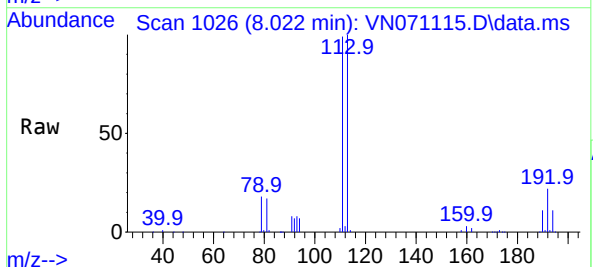
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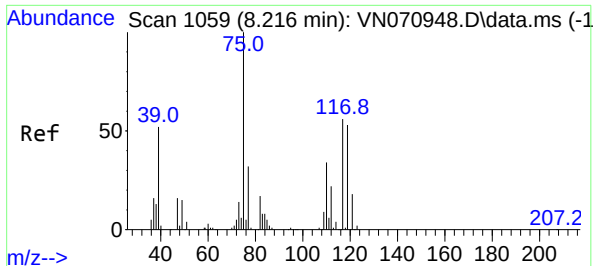
Tgt Ion:114 Resp: 1449369
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 15.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.330 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion:113 Resp: 416645
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.897 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071115.D

Acq: 01 Mar 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBL01

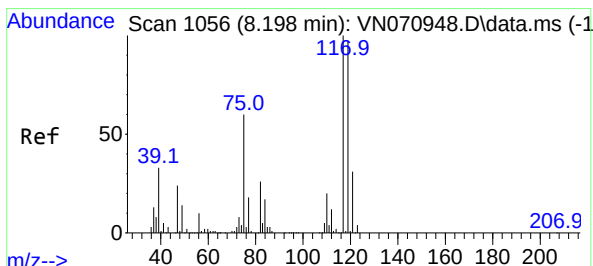
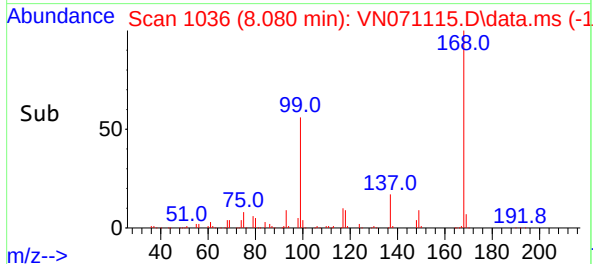
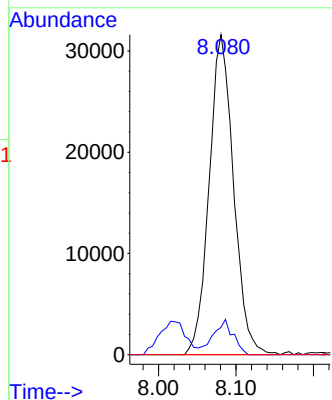
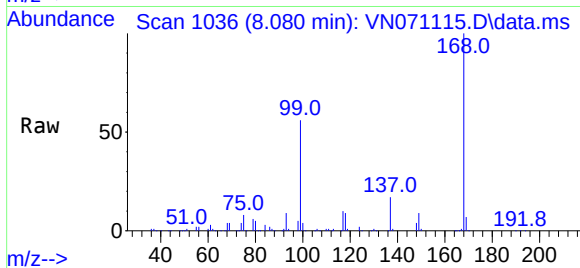
Tgt Ion: 75 Resp: 69167

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.372 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN071115.D

Acq: 01 Mar 2022 13:28

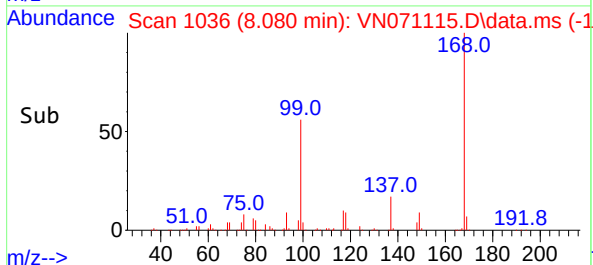
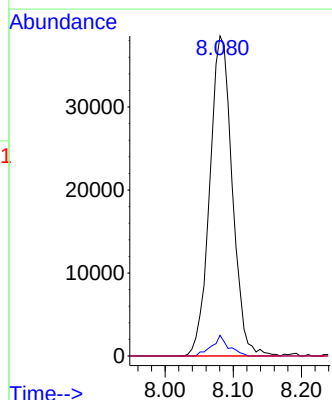
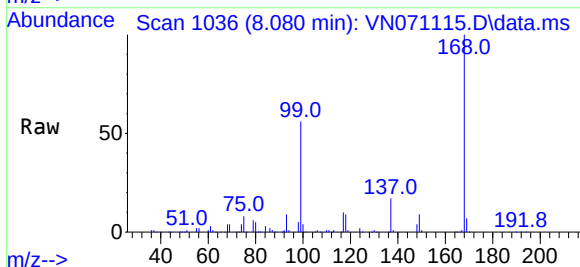
Tgt Ion: 117 Resp: 88676

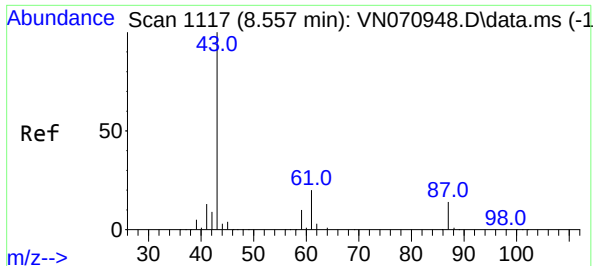
Ion Ratio Lower Upper

117 100

119 6.4 76.1 114.1#

121 0.0 24.2 36.2#

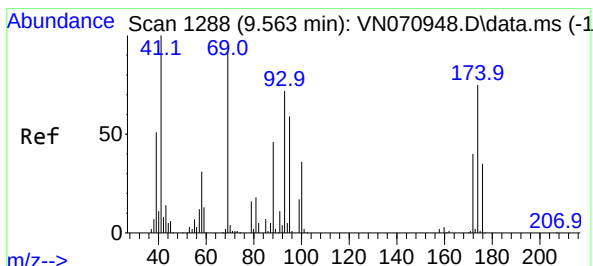
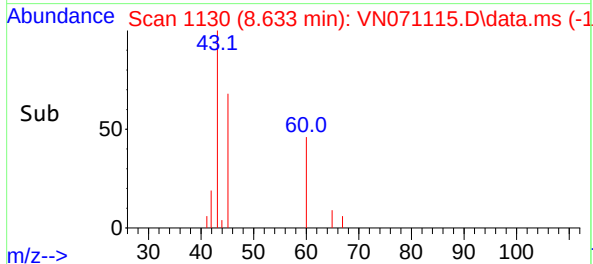
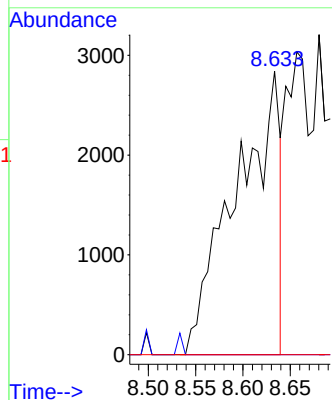
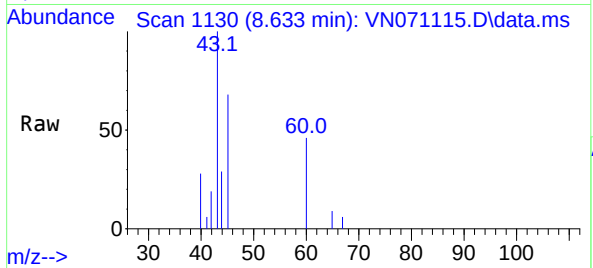




#43
Isopropyl Acetate
Concen: 0.384 ug/l
RT: 8.633 min Scan# 1117
Delta R.T. 0.076 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

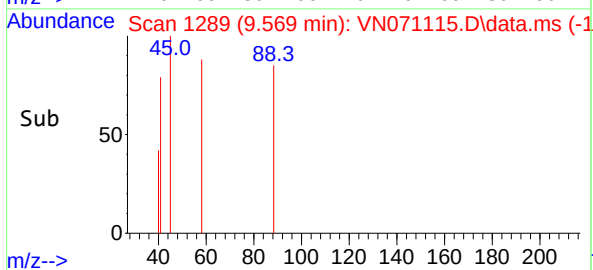
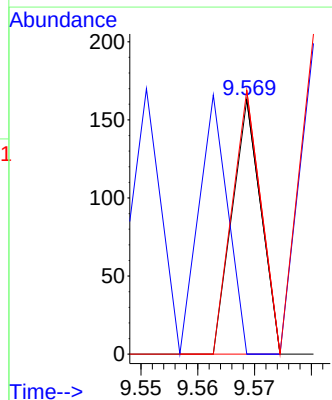
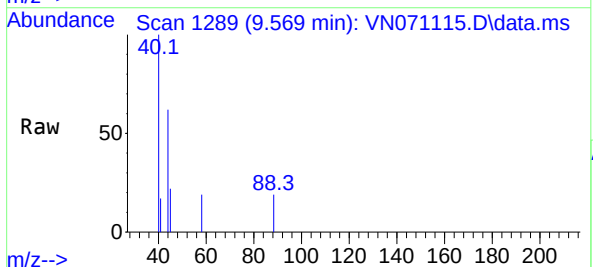
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

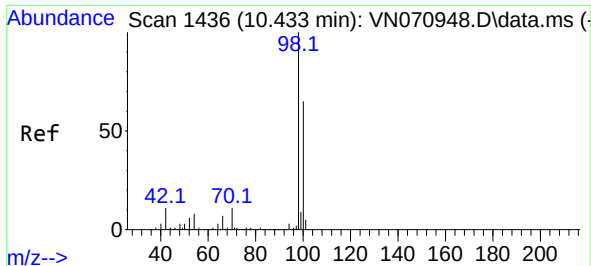
Tgt Ion: 43 Resp: 9175
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#49
1,4-Dioxane
Concen: 0.289 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 205.2 23.4 35.2#
58 103.4 50.6 75.8#

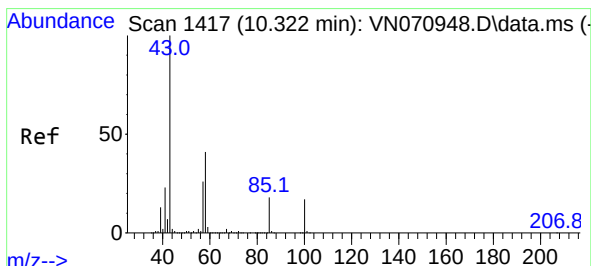
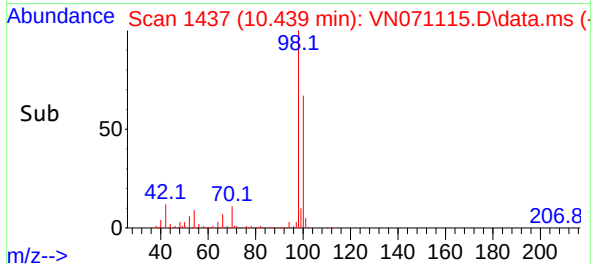
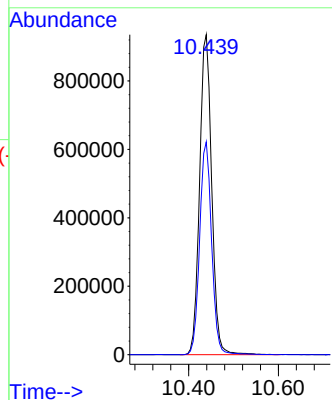
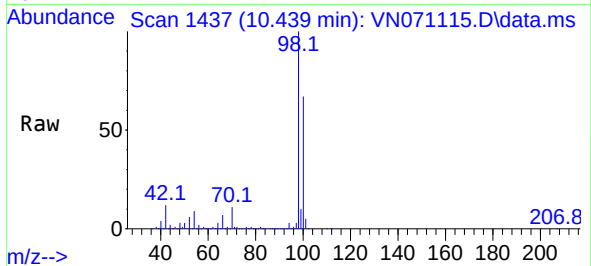




#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

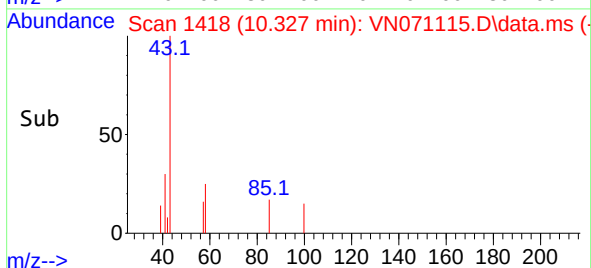
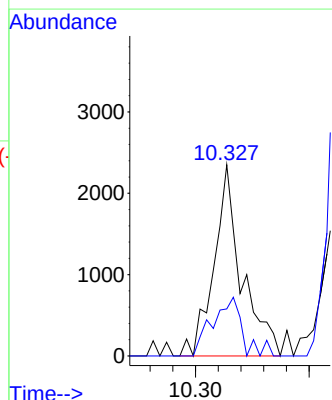
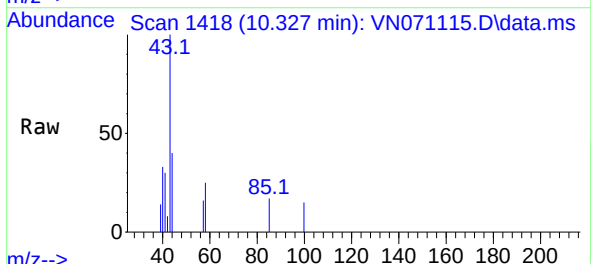
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

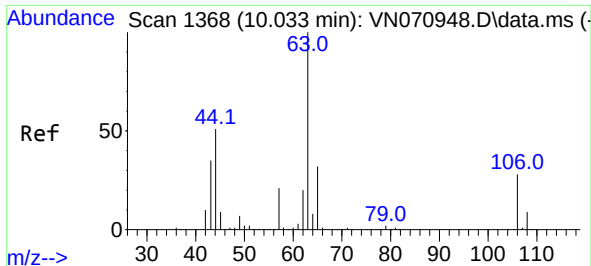
Tgt Ion: 98 Resp: 1749325
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.274 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 43 Resp: 3986
Ion Ratio Lower Upper
43 100
58 33.2 30.4 45.6

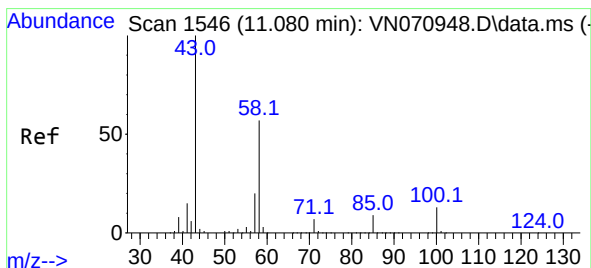
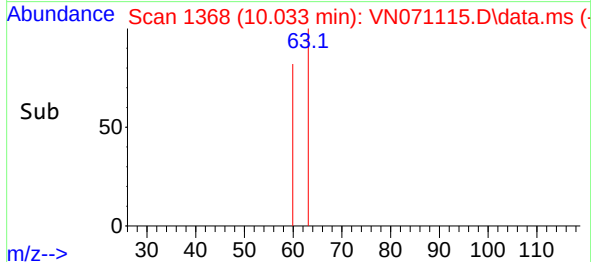
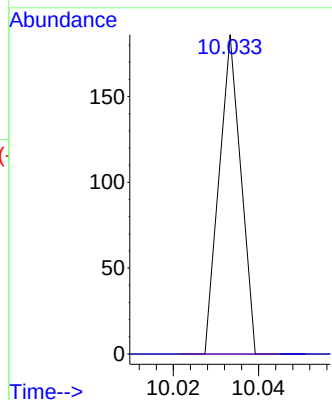
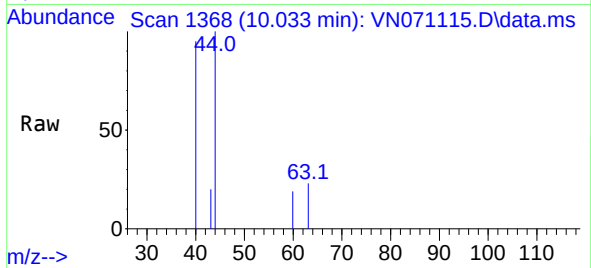




#58
2-Chloroethyl Vinyl ether
Concen: 31.818 ug/l
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

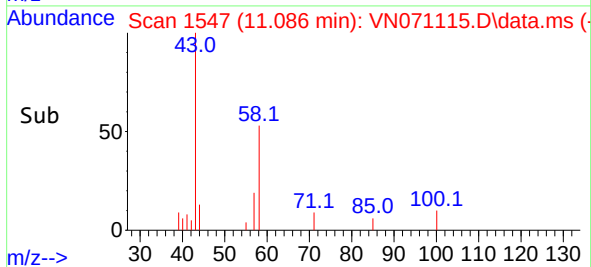
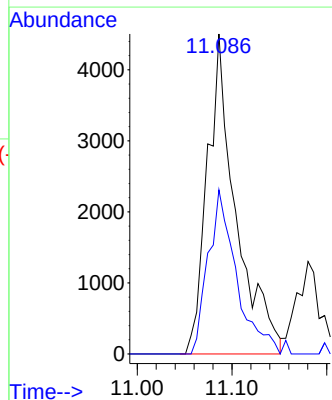
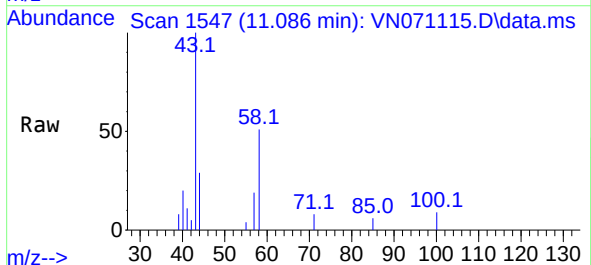
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

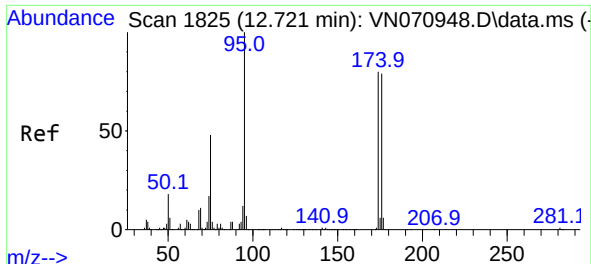
Tgt Ion: 63 Resp: 66
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.944 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 43 Resp: 9430
Ion Ratio Lower Upper
43 100
58 50.9 26.9 80.7

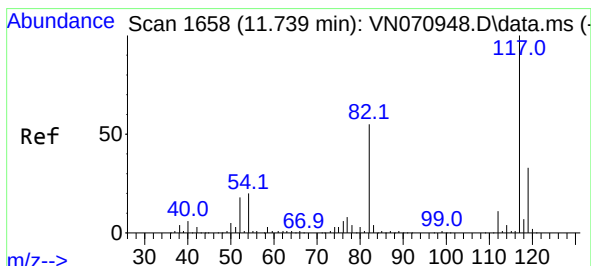
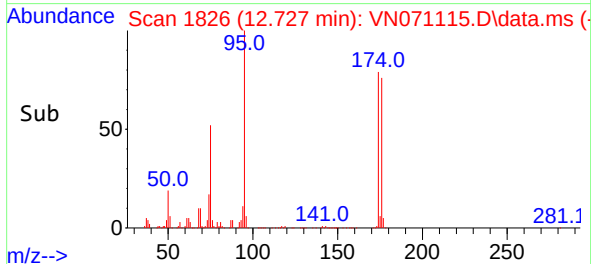
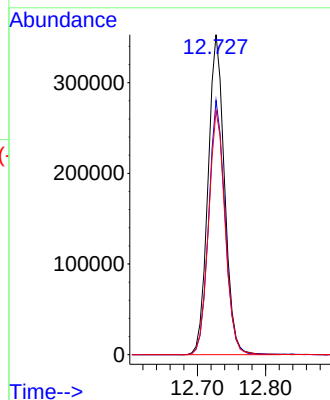
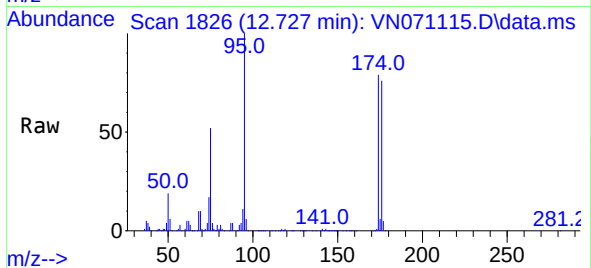




#62
4-Bromofluorobenzene
Concen: 47.981 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

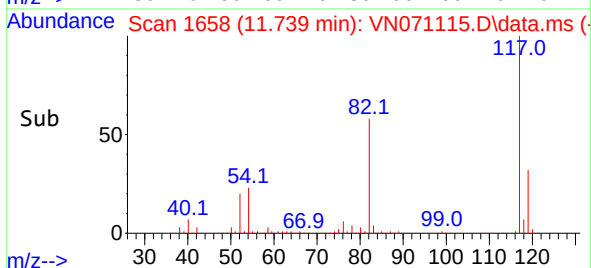
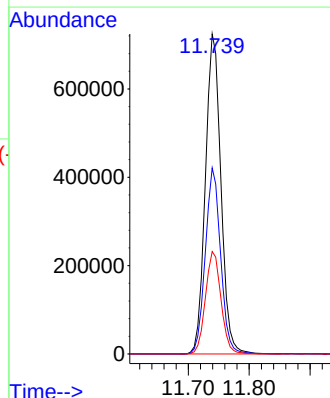
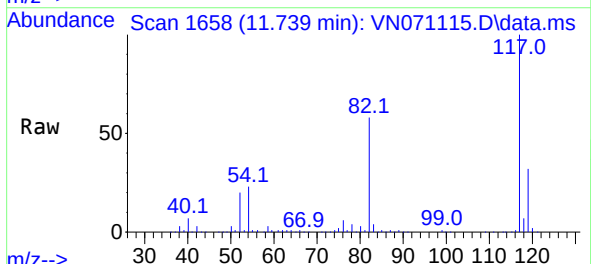
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

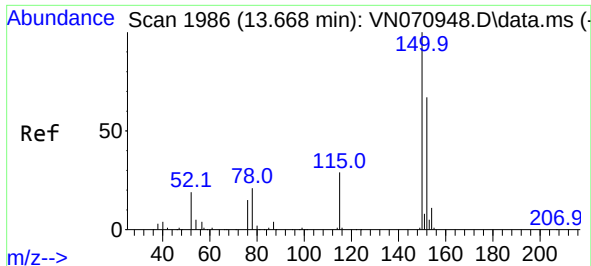
Tgt Ion: 95 Resp: 593761
Ion Ratio Lower Upper
95 100
174 78.7 0.0 187.2
176 76.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 117 Resp: 1281483
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.0 25.4 38.2

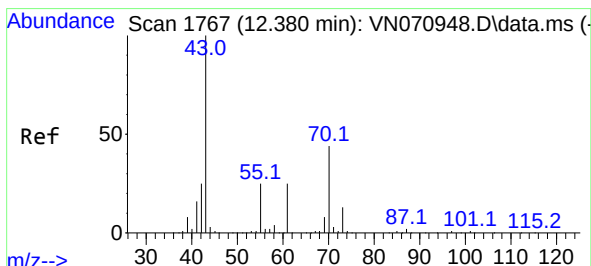
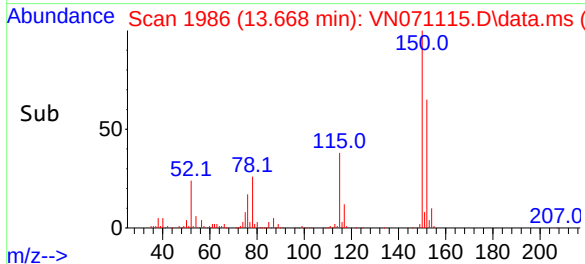
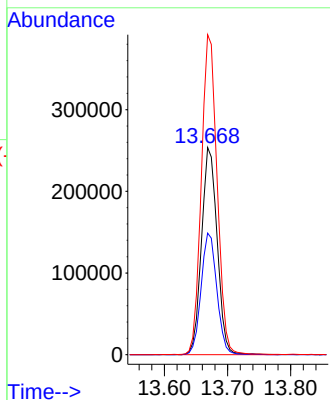
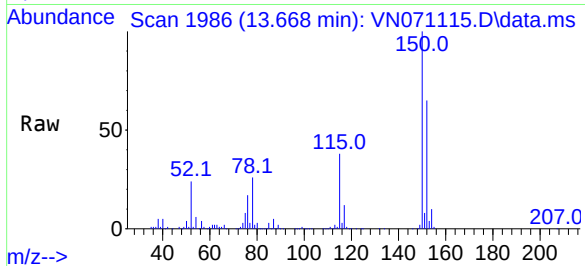




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

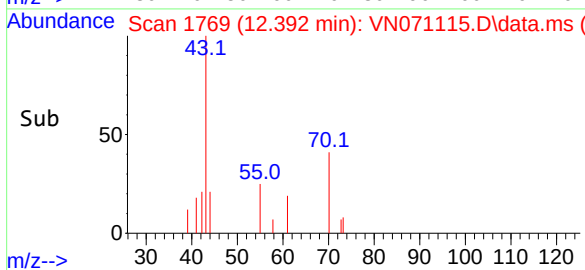
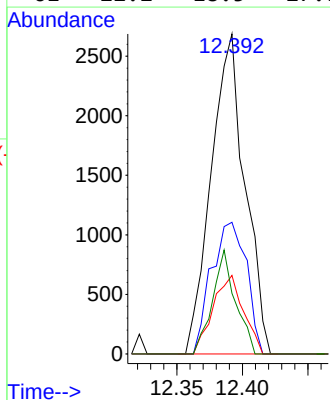
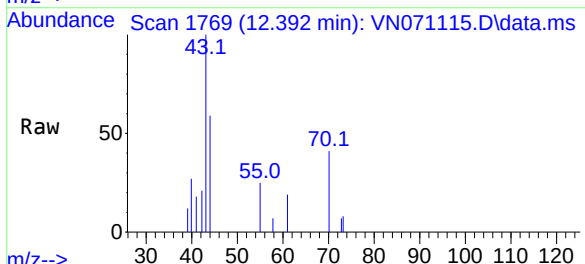
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

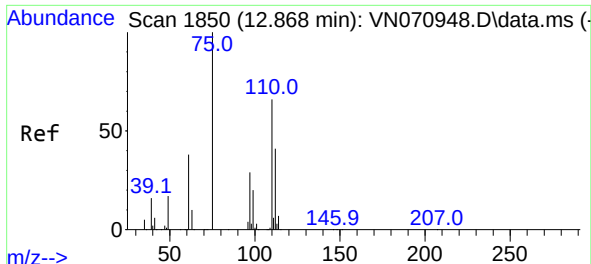
Tgt Ion:152 Resp: 435893
Ion Ratio Lower Upper
152 100
115 59.0 27.5 82.5
150 155.9 0.0 344.4



#74
N-ethyl acetate
Concen: 0.429 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.012 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 43 Resp: 4814
Ion Ratio Lower Upper
43 100
70 42.6 33.4 50.0
55 22.2 19.3 28.9
61 22.2 18.5 27.7

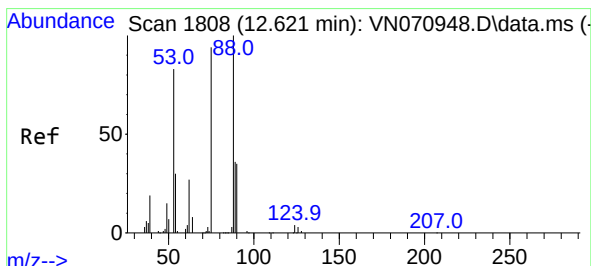
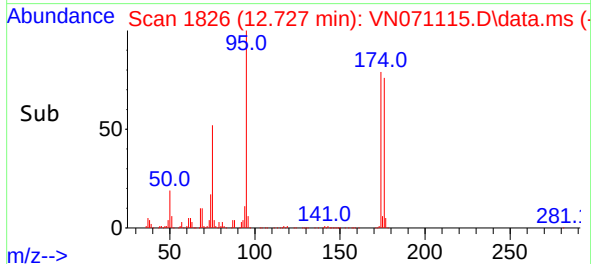
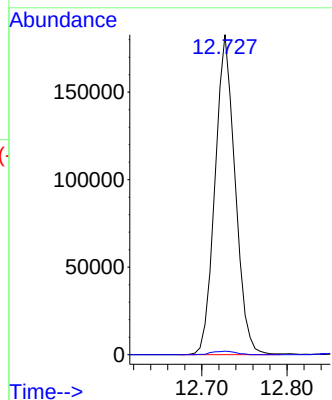
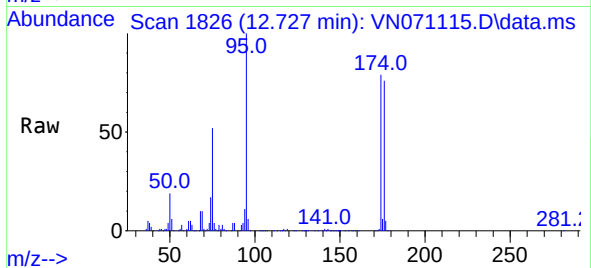




#76
1,2,3-Trichloropropane
Concen: 29.203 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

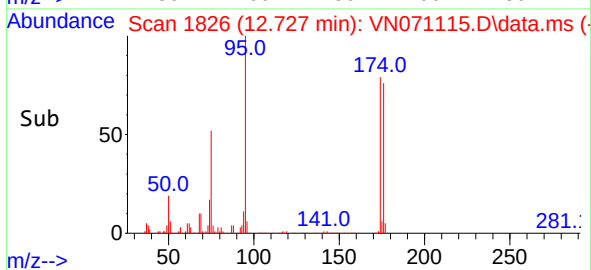
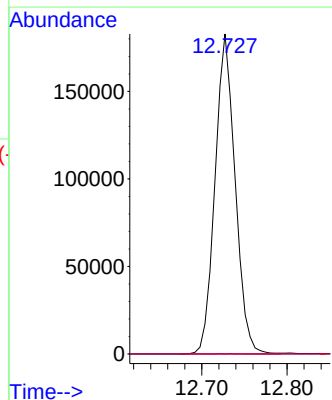
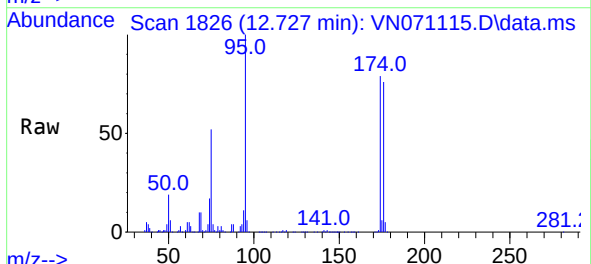
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

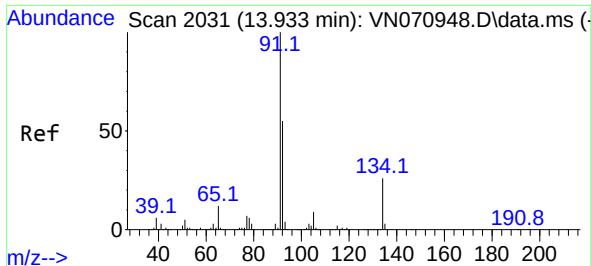
Tgt Ion: 75 Resp: 299713
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.631 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion: 75 Resp: 299713
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#





#89

n-Butylbenzene

Concen: 0.262 ug/l

RT: 13.939 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VN071115.D

Acq: 01 Mar 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBL01

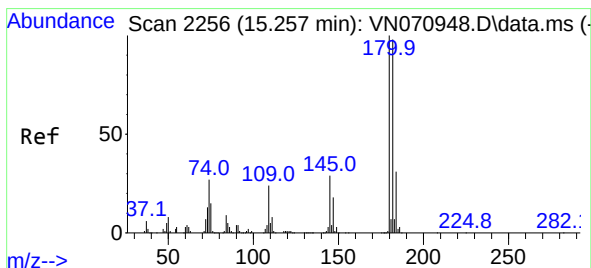
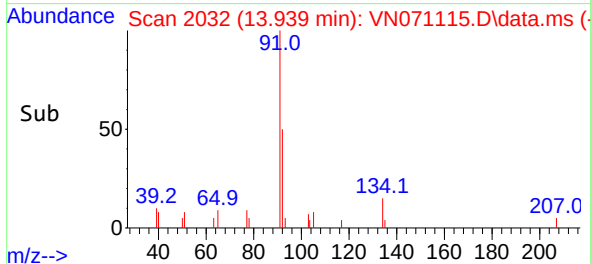
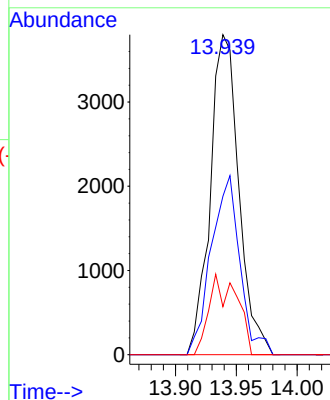
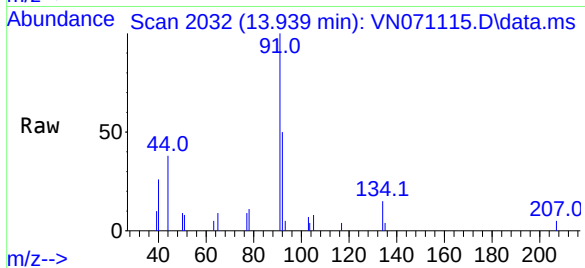
Tgt Ion: 91 Resp: 6223

Ion Ratio Lower Upper

91 100

92 56.2 25.4 76.0

134 24.2 13.6 40.8



#93

1,2,4-Trichlorobenzene

Concen: 2.431 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.005 min

Lab File: VN071115.D

Acq: 01 Mar 2022 13:28

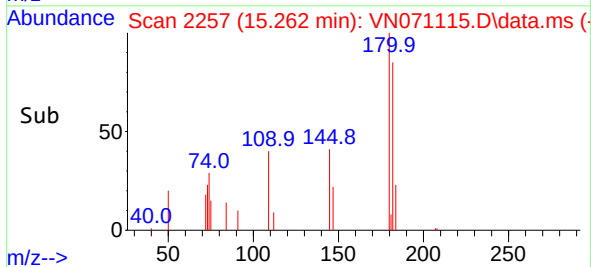
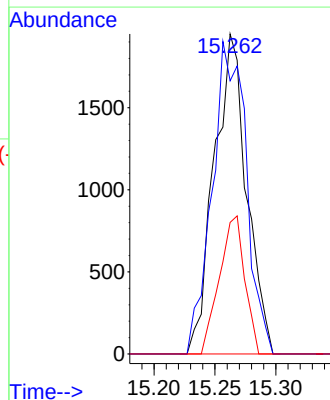
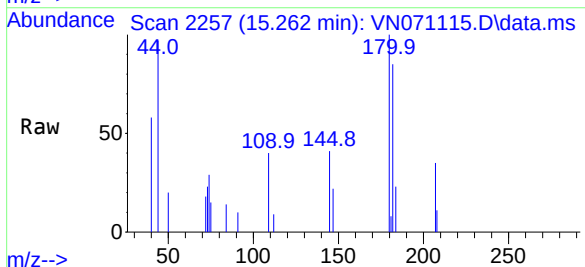
Tgt Ion: 180 Resp: 3616

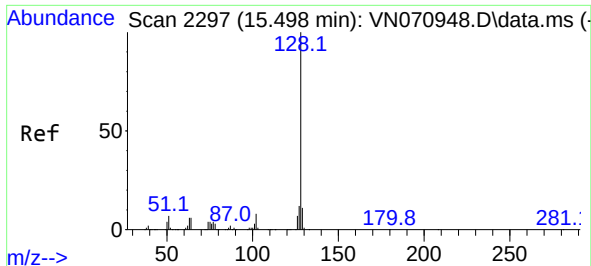
Ion Ratio Lower Upper

180 100

182 102.1 48.3 144.9

145 33.7 14.5 43.5

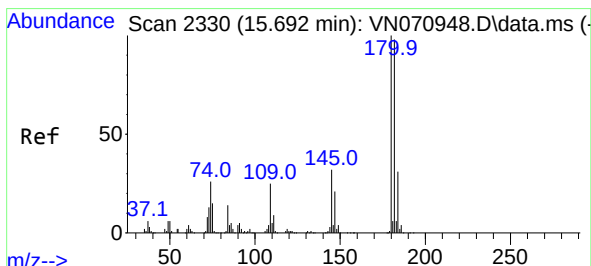
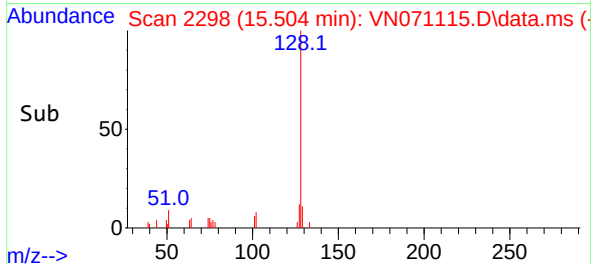
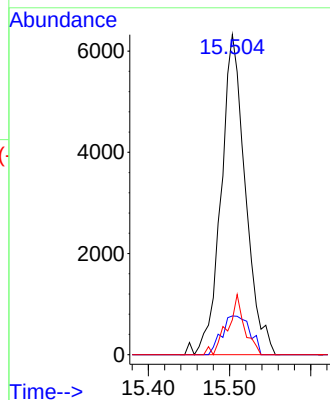
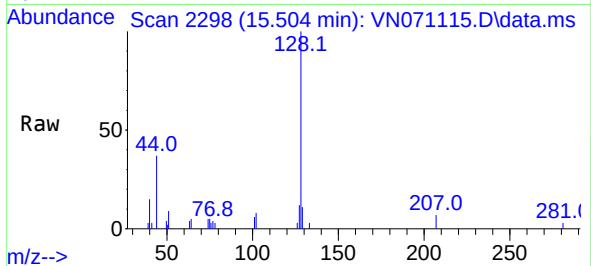




#95
Naphthalene
Concen: 5.598 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

Tgt Ion:128 Resp: 13175
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 13.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.044 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071115.D
Acq: 01 Mar 2022 13:28

Tgt Ion:180 Resp: 4114
Ion Ratio Lower Upper
180 100
182 87.1 47.4 142.2
145 34.7 15.0 45.1

