

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022222\
 Data File : VN071021.D
 Acq On : 22 Feb 2022 11:58
 Operator : JC\MD
 Sample : VN0222WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBL01

Quant Time: Feb 23 00:57:58 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)

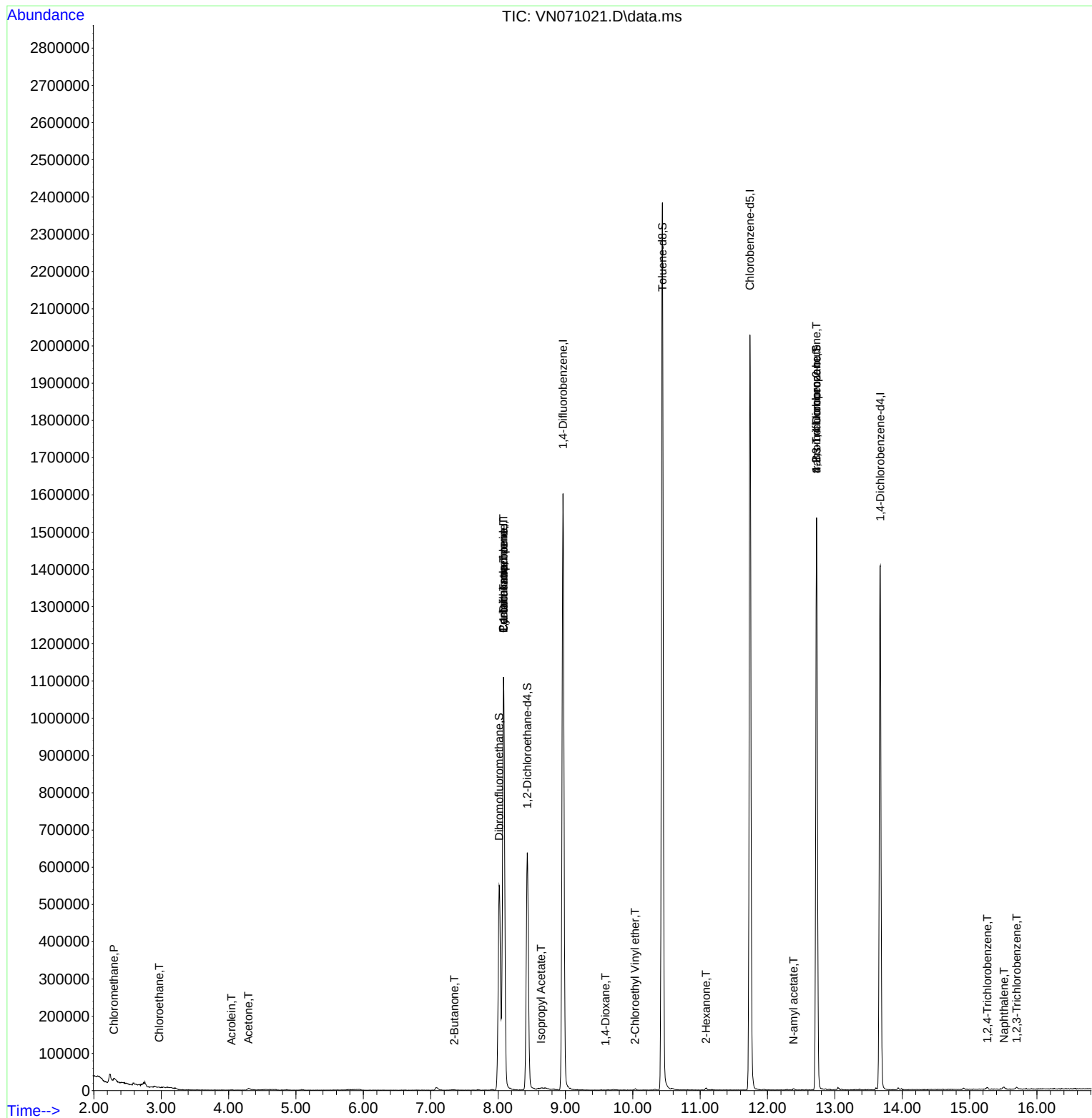
Internal Standards						
1) Pentafluorobenzene	8.080	168	887706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1406407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1229356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	408493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	525285	51.801	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.600%	
35) Dibromofluoromethane	8.016	113	408787	48.867	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.740%	
50) Toluene-d8	10.439	98	1676052	49.891	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	12.727	95	548240	45.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2912	0.251	ug/l	95
6) Chloroethane	2.969	64	1797	0.236	ug/l #	83
13) Acrolein	4.040	56	756	0.458	ug/l #	63
16) Acetone	4.292	43	5088	0.911	ug/l	98
18) Methyl Acetate	4.863	43	3226	Below Cal	#	60
25) 2-Butanone	7.351	43	2712	0.365	ug/l	92
31) Cyclohexane	8.080	56	17293	0.986	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	66743	4.870	ug/l #	49
38) Carbon Tetrachloride	8.080	117	84635	6.268	ug/l #	18
43) Isopropyl Acetate	8.639	43	5802	0.250	ug/l #	55
49) 1,4-Dioxane	9.592	88	58	0.298	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.033	63	1743	32.256	ug/l	99
59) 2-Hexanone	11.086	43	4665	0.481	ug/l	83
74) N-amyl acetate	12.386	43	2321	0.221	ug/l #	84
76) 1,2,3-Trichloropropane	12.727	75	274284	28.518	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	274284	92.411	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	2128	2.271	ug/l	89
95) Naphthalene	15.509	128	6409	5.306	ug/l	95
96) 1,2,3-Trichlorobenzene	15.698	180	2299	2.831	ug/l	91

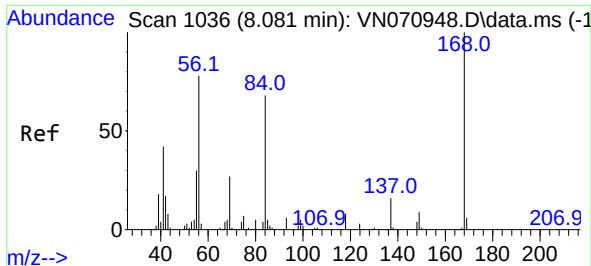
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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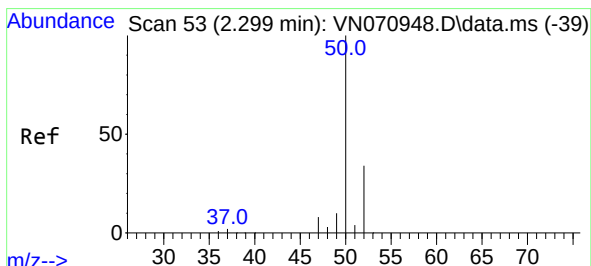
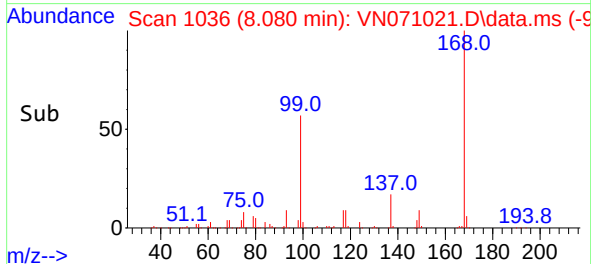
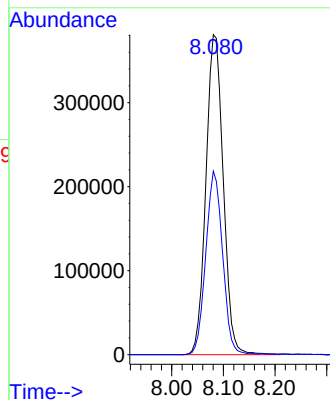
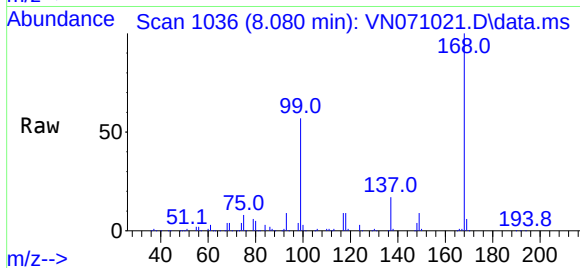




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

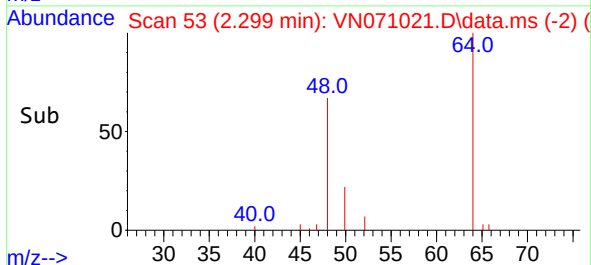
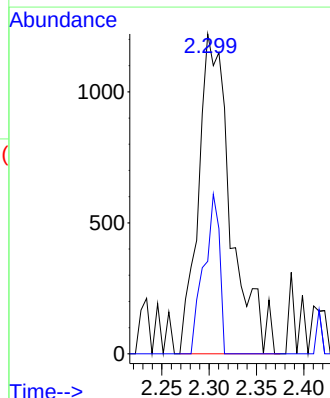
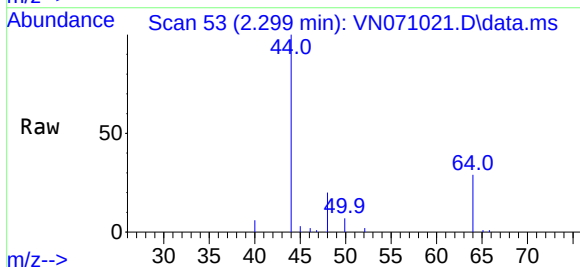
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

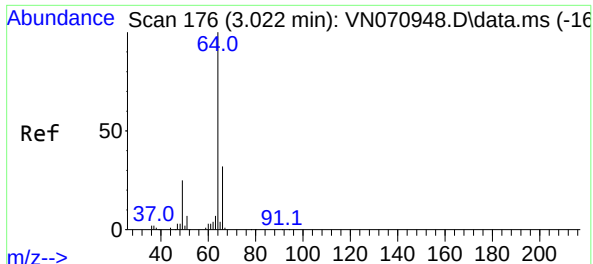
Tgt Ion:168 Resp: 887706
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9



#3
Chloromethane
Concen: 0.251 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 50 Resp: 2912
Ion Ratio Lower Upper
50 100
52 28.9 25.4 38.0

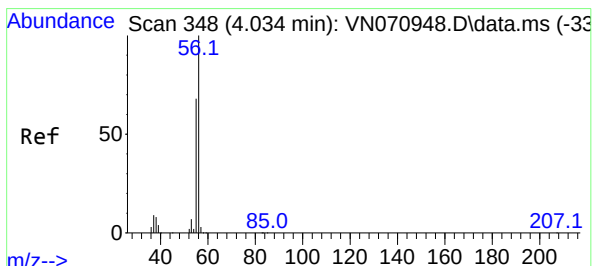
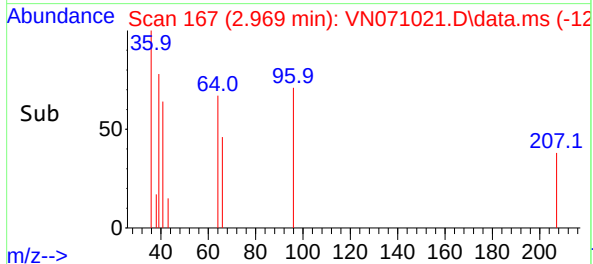
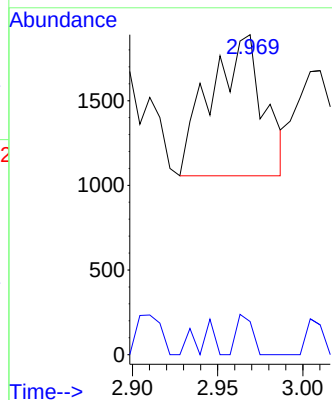
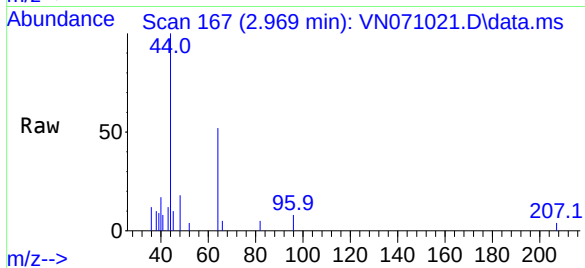




#6
Chloroethane
Concen: 0.236 ug/l
RT: 2.969 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

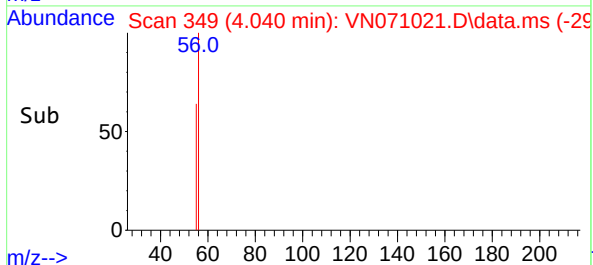
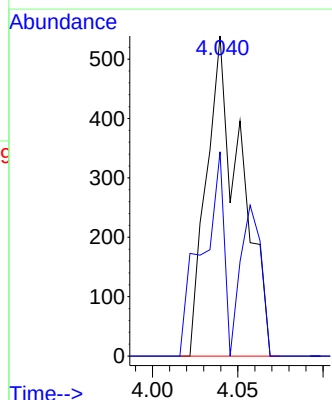
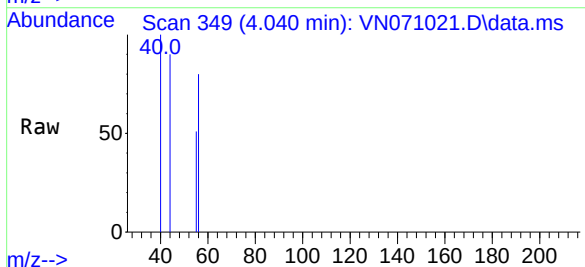
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

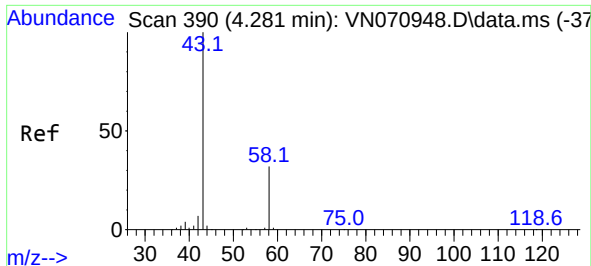
Tgt Ion: 64 Resp: 1797
Ion Ratio Lower Upper
64 100
66 23.4 26.3 39.5#



#13
Acrolein
Concen: 0.458 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 56 Resp: 756
Ion Ratio Lower Upper
56 100
55 40.5 56.6 85.0#

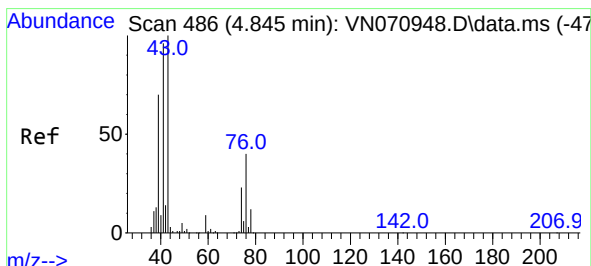
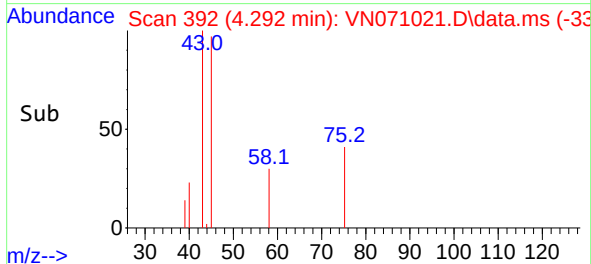
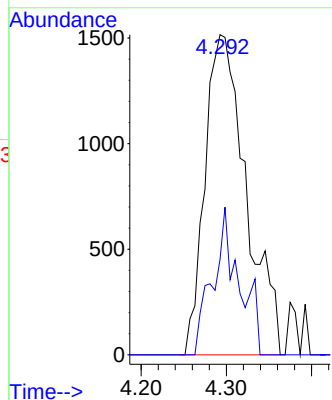
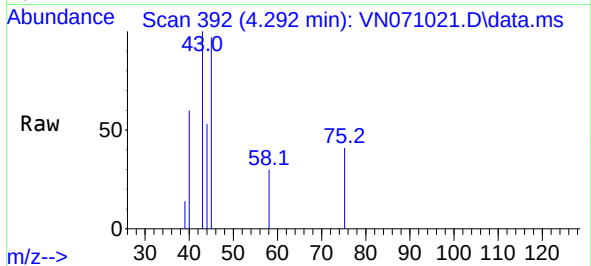




#16
Acetone
Concen: 0.911 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

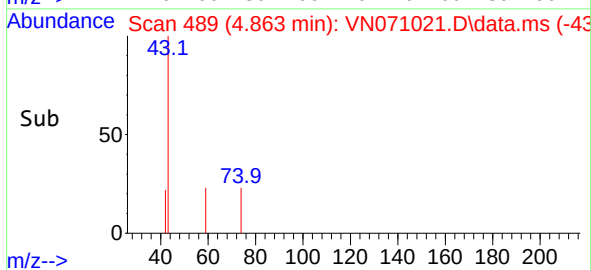
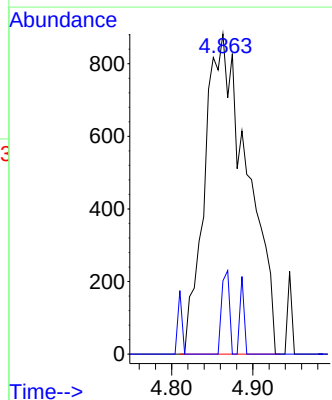
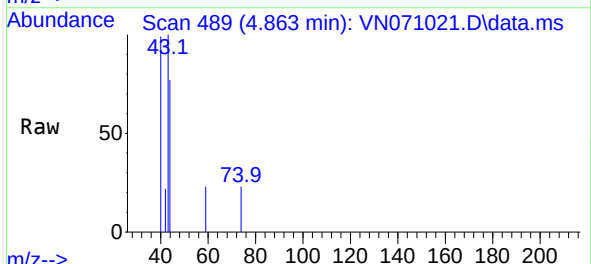
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

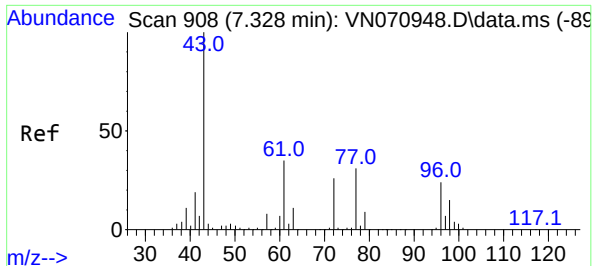
Tgt Ion: 43 Resp: 5088
Ion Ratio Lower Upper
43 100
58 29.8 23.1 34.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.018 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 43 Resp: 3226
Ion Ratio Lower Upper
43 100
74 4.7 19.4 29.2#

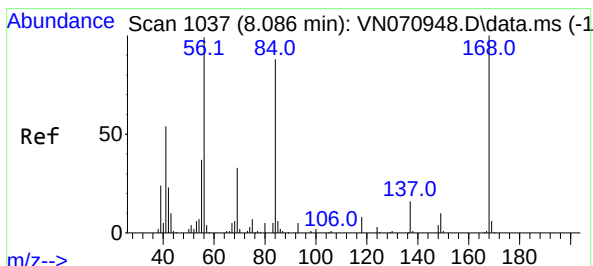
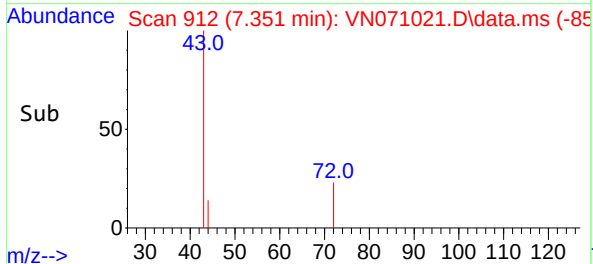
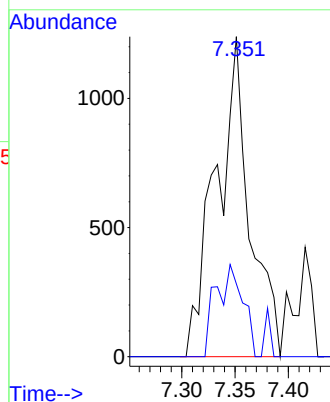
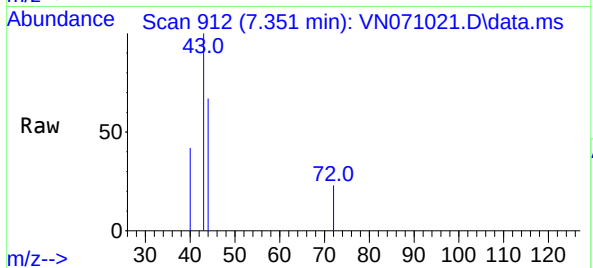




#25
2-Butanone
Concen: 0.365 ug/l
RT: 7.351 min Scan# 91
Delta R.T. 0.023 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

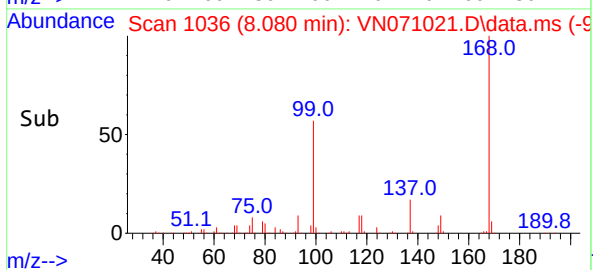
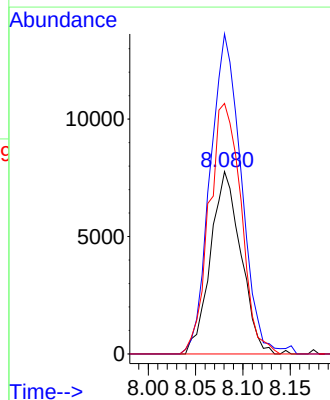
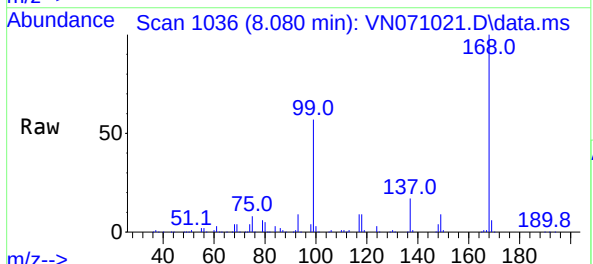
Instrument :
MSVOA_N
ClientSampleId :
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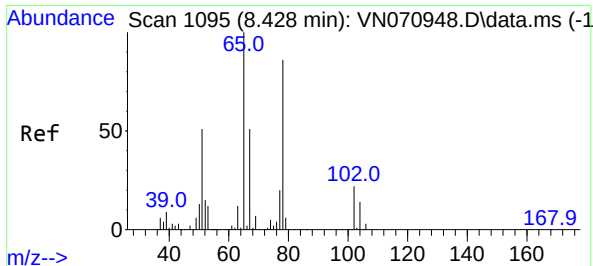
Tgt Ion: 43 Resp: 2712
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5



#31
Cyclohexane
Concen: 0.986 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 56 Resp: 17293
Ion Ratio Lower Upper
56 100
69 175.5 27.1 40.7#
84 137.4 73.4 110.0#

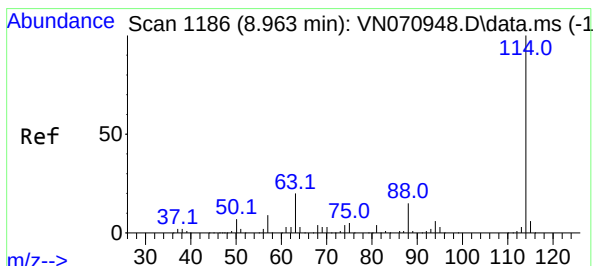
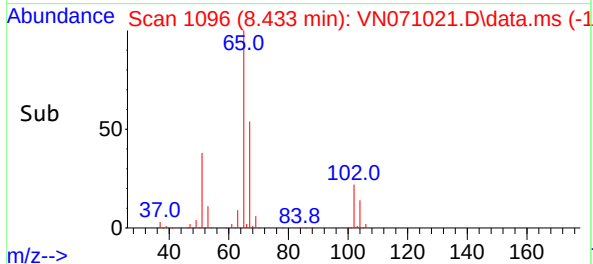
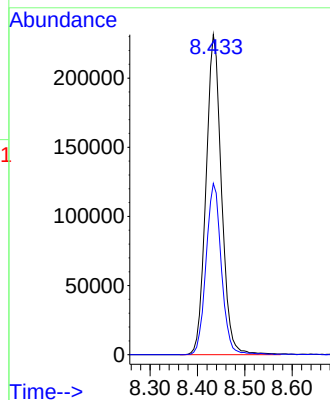
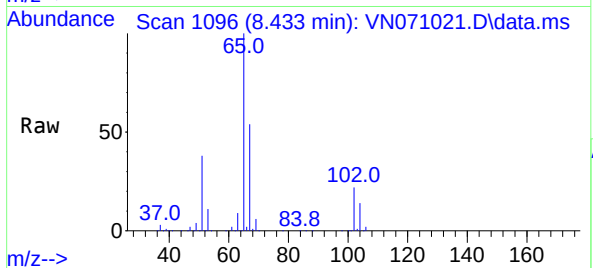




#33
1,2-Dichloroethane-d4
Concen: 51.801 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

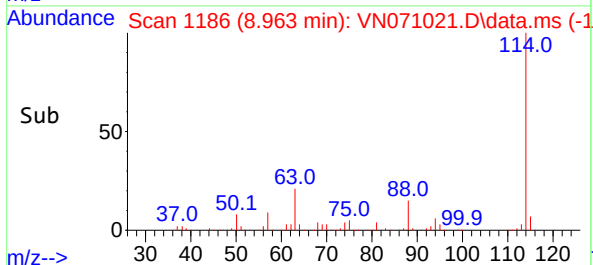
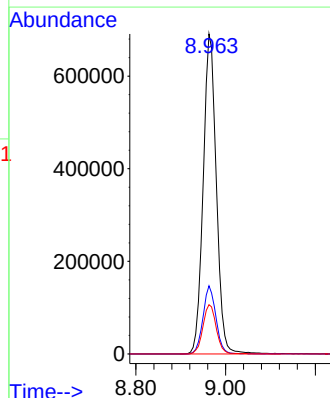
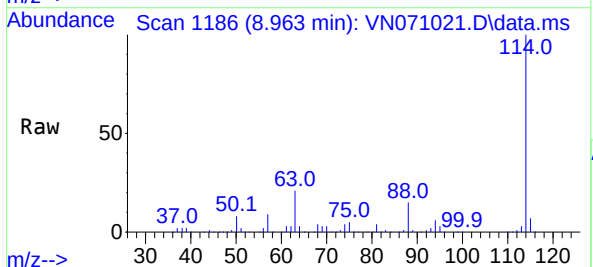
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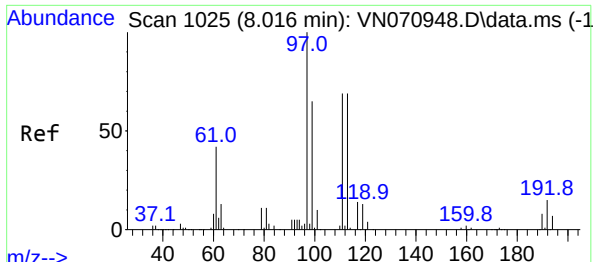
Tgt Ion: 65 Resp: 525285
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 114 Resp: 1406407
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.8
88 15.4 0.0 27.4

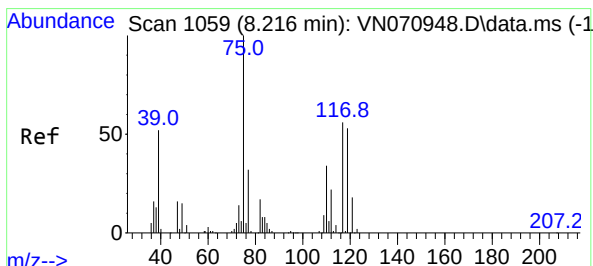
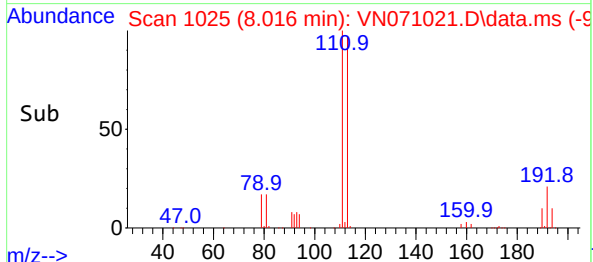
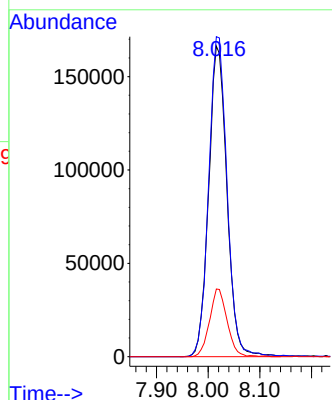
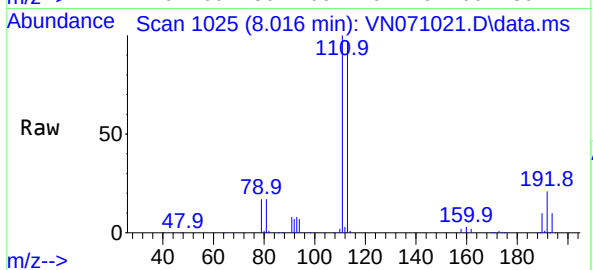




#35
Dibromofluoromethane
Concen: 48.867 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

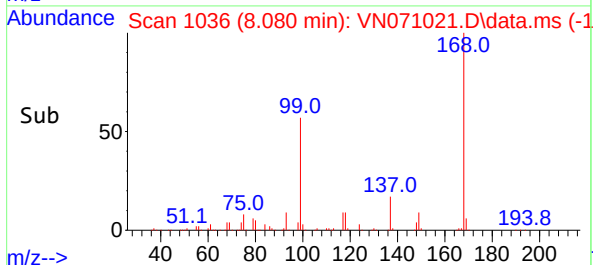
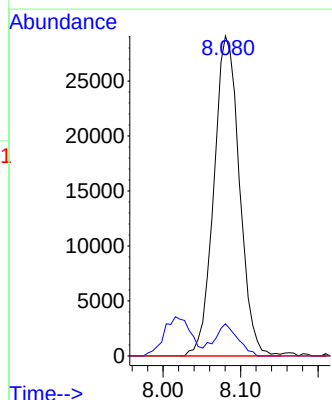
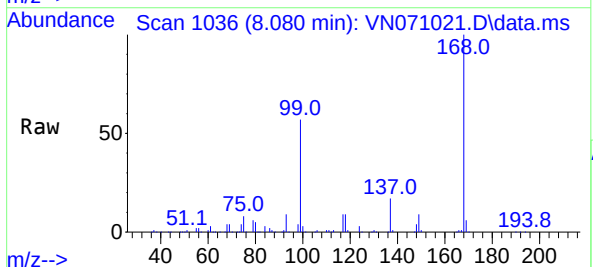
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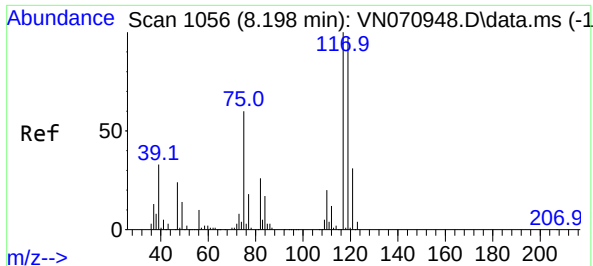
Tgt Ion:113 Resp: 408787
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 75 Resp: 66743
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#

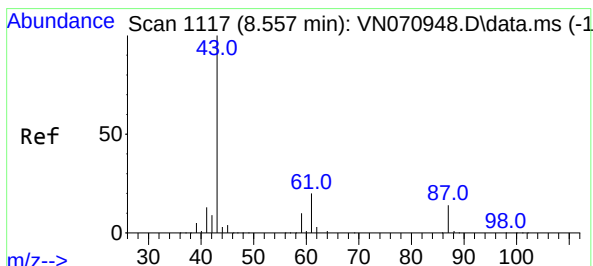
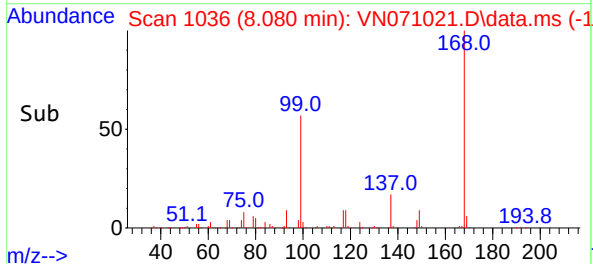
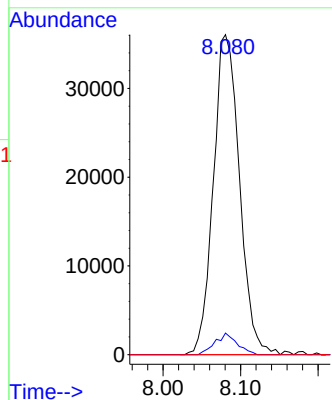
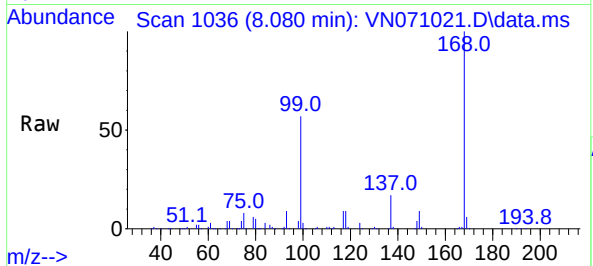




#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 8.080 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

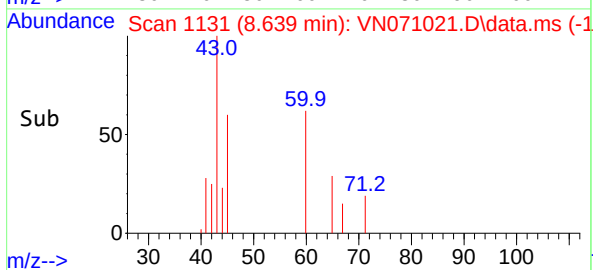
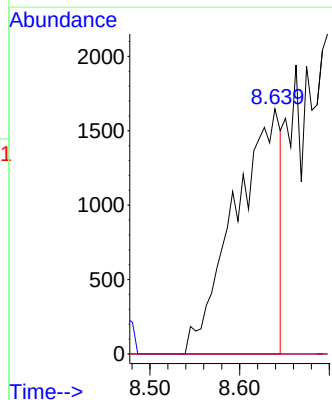
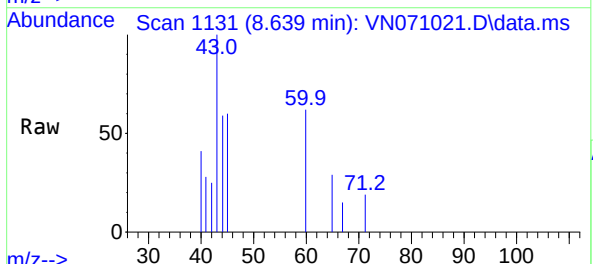
Instrument :
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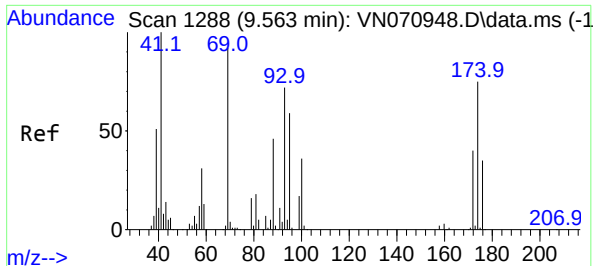
Tgt Ion:117 Resp: 84635
Ion Ratio Lower Upper
117 100
119 6.8 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.250 ug/l
RT: 8.639 min Scan# 1131
Delta R.T. 0.082 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 43 Resp: 5802
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

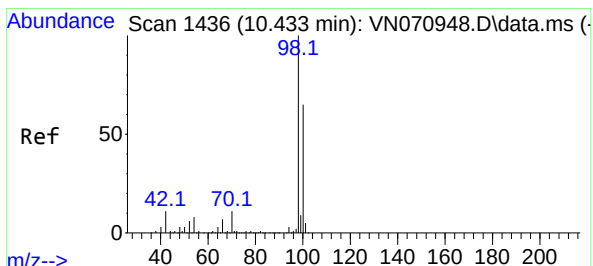
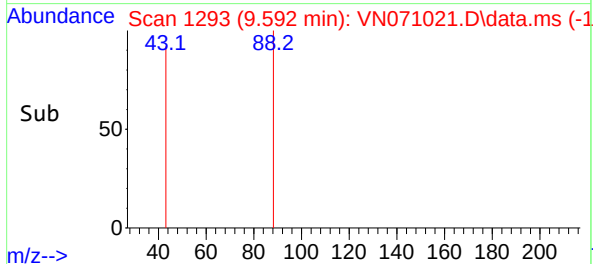
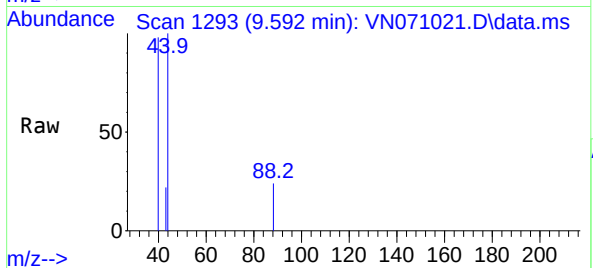




#49
1,4-Dioxane
Concen: 0.298 ug/l
RT: 9.592 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

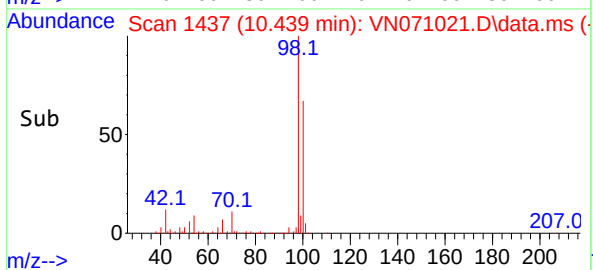
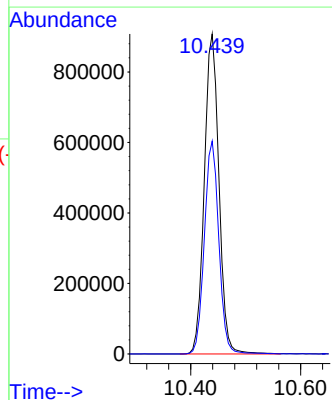
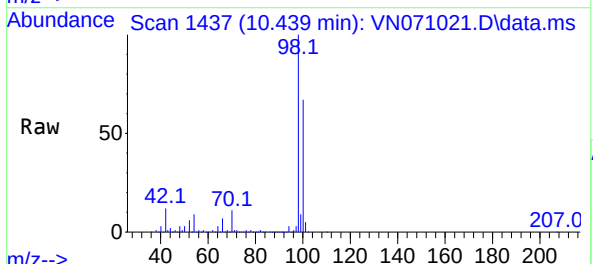
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

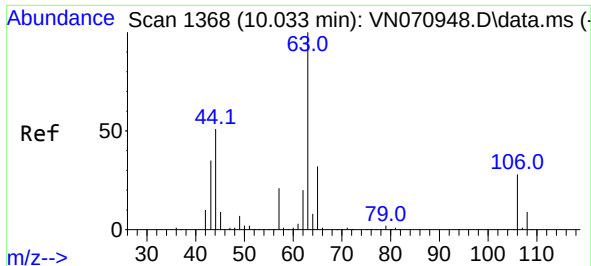
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 258.6 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 49.891 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 98 Resp: 1676052
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6

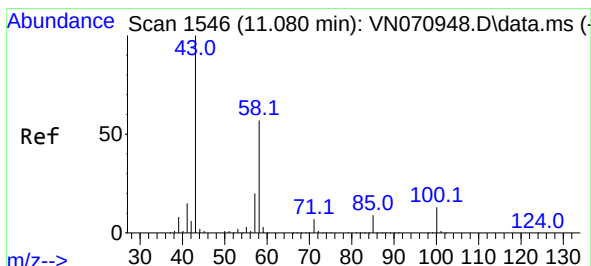
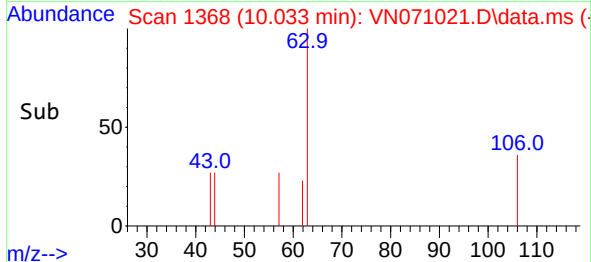
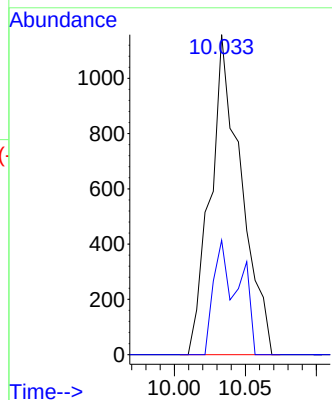
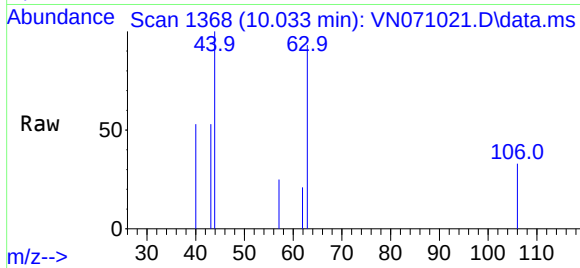




#58
2-Chloroethyl Vinyl ether
Concen: 32.256 ug/l
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

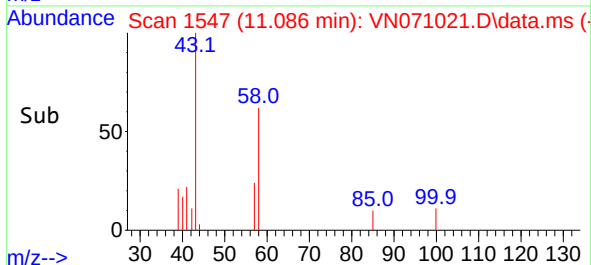
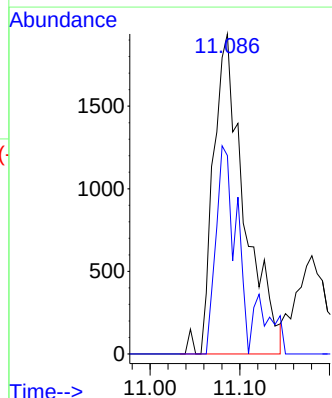
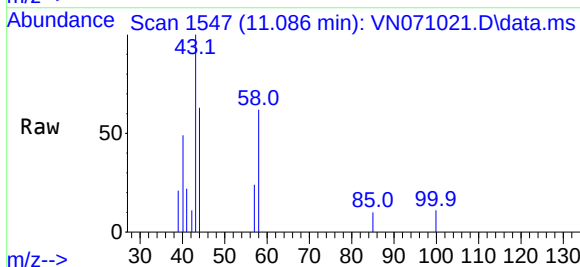
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

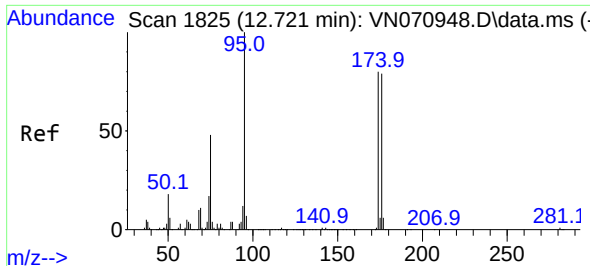
Tgt Ion: 63 Resp: 1743
Ion Ratio Lower Upper
63 100
106 29.4 23.9 35.9



#59
2-Hexanone
Concen: 0.481 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 43 Resp: 4665
Ion Ratio Lower Upper
43 100
58 42.0 26.9 80.7



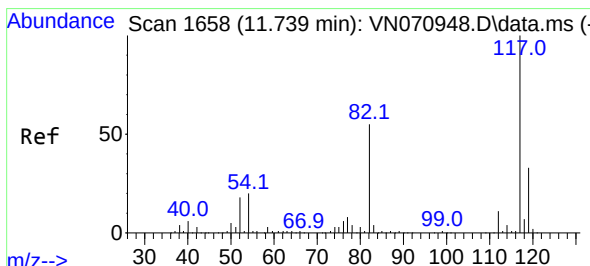
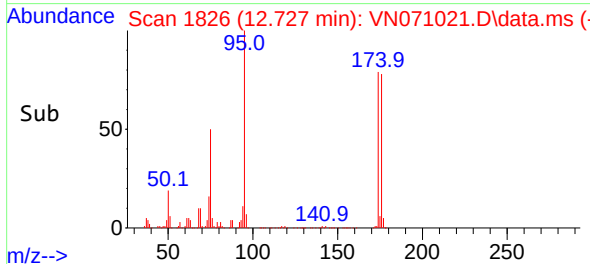
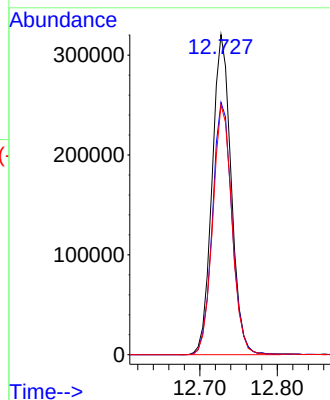
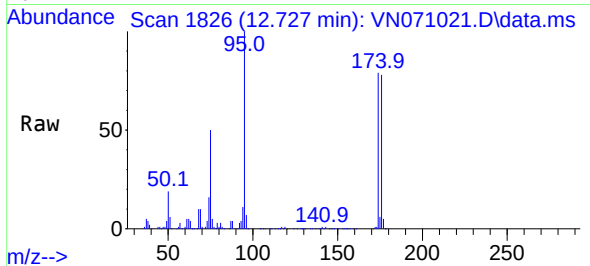


#62
4-Bromofluorobenzene
Concen: 45.656 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

Tgt Ion: 95 Resp: 548240

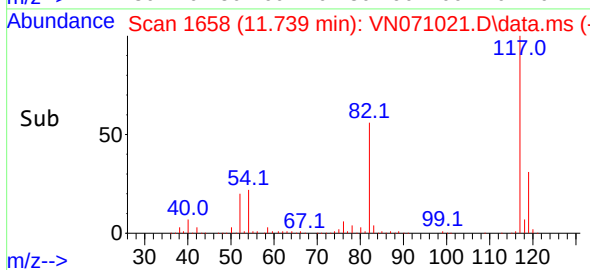
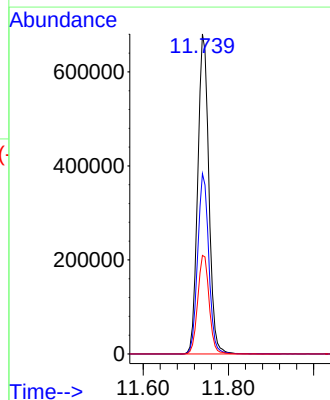
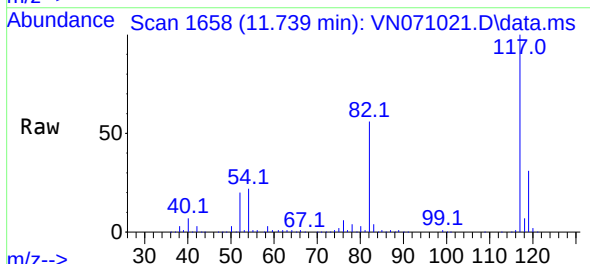
Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	187.2
176	78.6	0.0	181.4

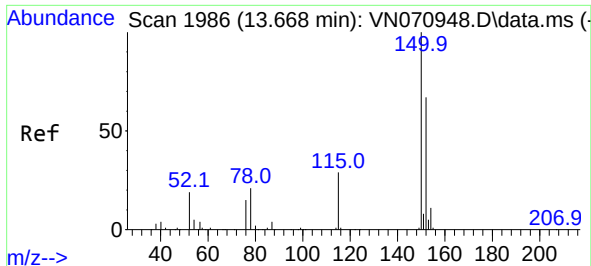


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 117 Resp: 1229356

Ion	Ratio	Lower	Upper
117	100		
82	56.4	42.4	63.6
119	30.8	25.4	38.2

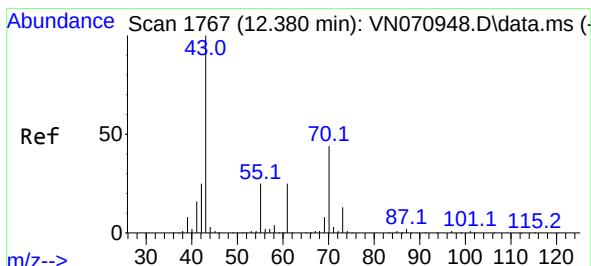
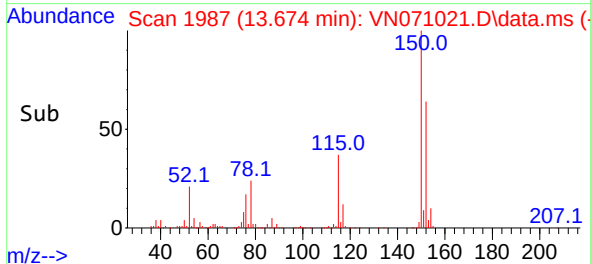
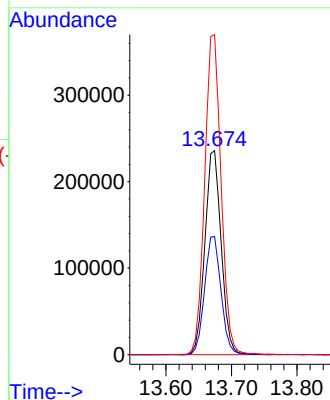
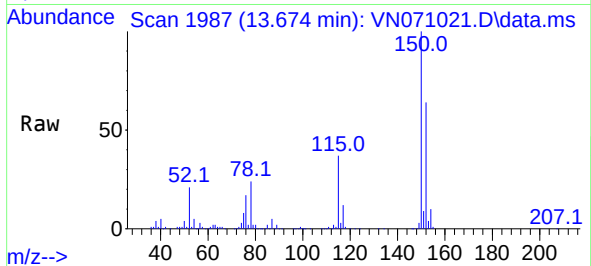




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

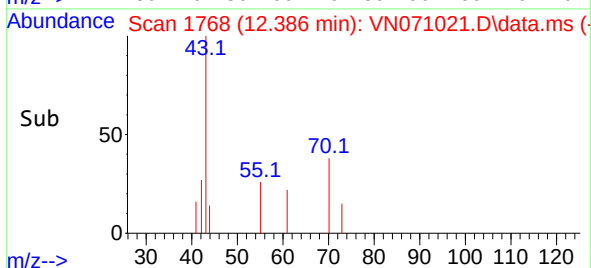
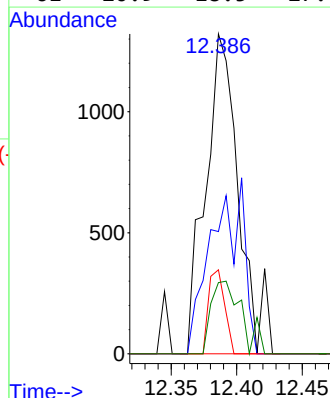
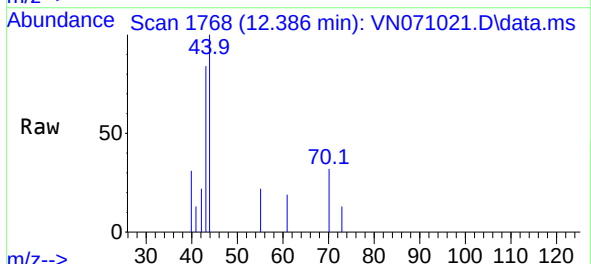
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

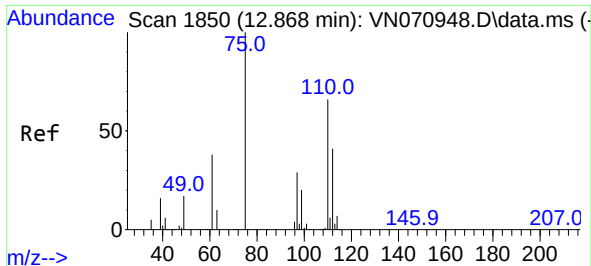
Tgt Ion:152 Resp: 408493
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 157.6 0.0 344.4



#74
N-ethyl acetate
Concen: 0.221 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 43 Resp: 2321
Ion Ratio Lower Upper
43 100
70 53.1 33.4 50.0#
55 12.7 19.3 28.9#
61 20.9 18.5 27.7

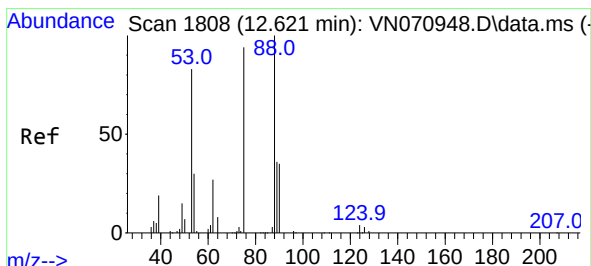
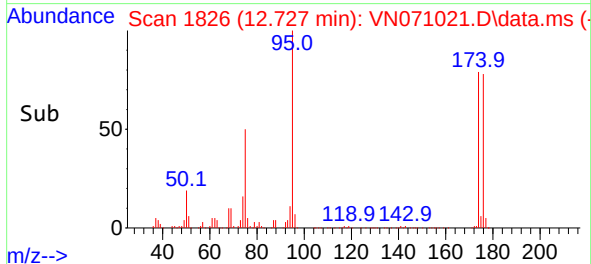
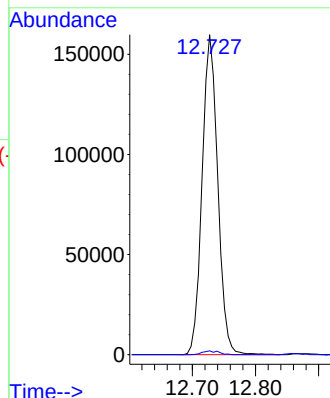
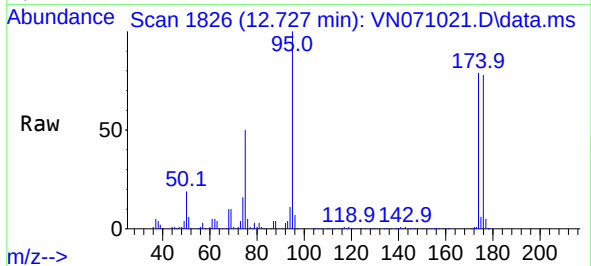




#76
1,2,3-Trichloropropane
Concen: 28.518 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

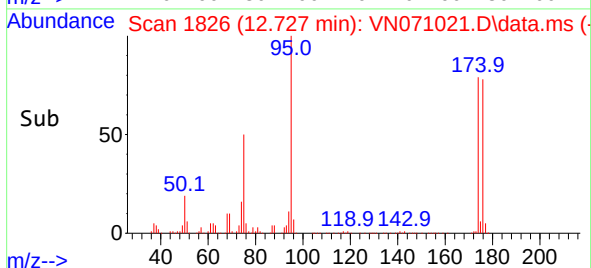
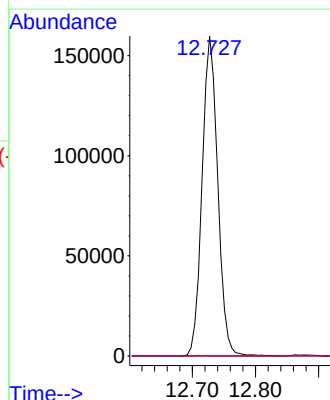
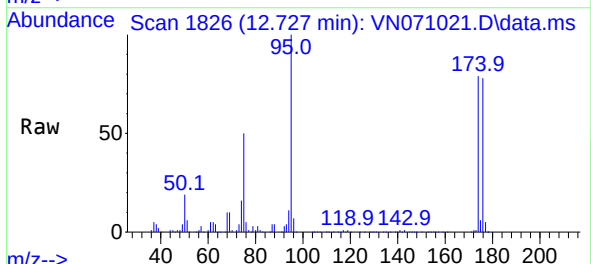
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

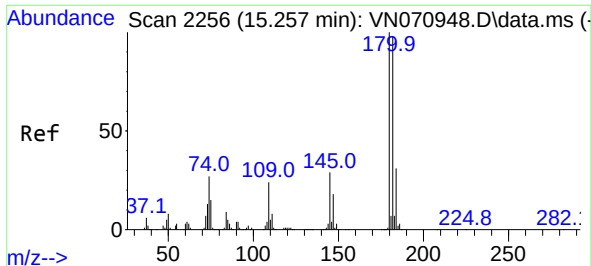
Tgt Ion: 75 Resp: 274284
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.411 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

Tgt Ion: 75 Resp: 274284
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

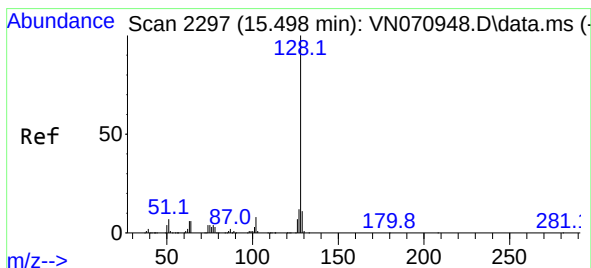
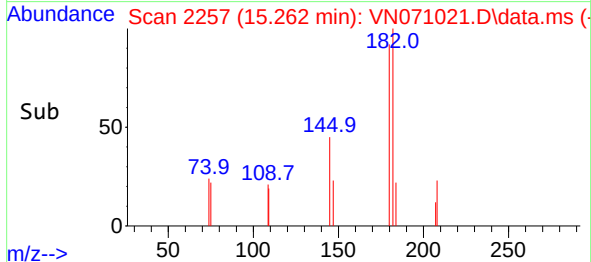
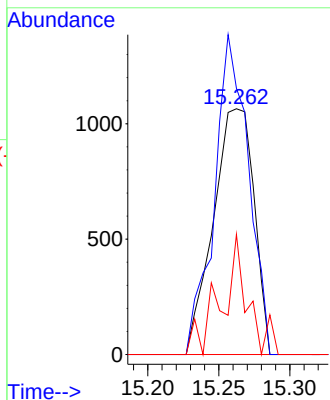
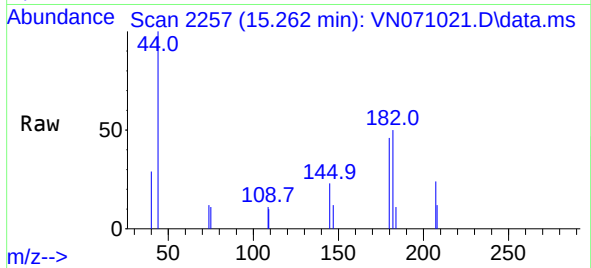




#93
1,2,4-Trichlorobenzene
Concen: 2.271 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

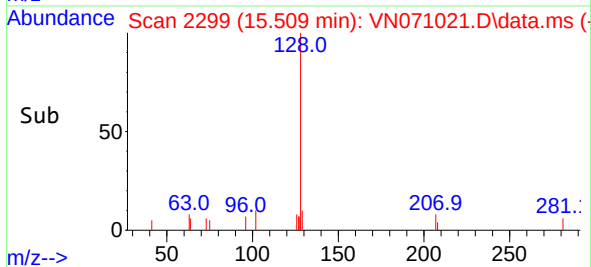
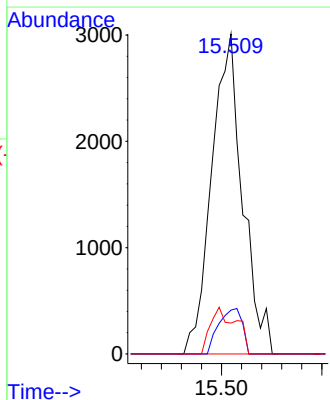
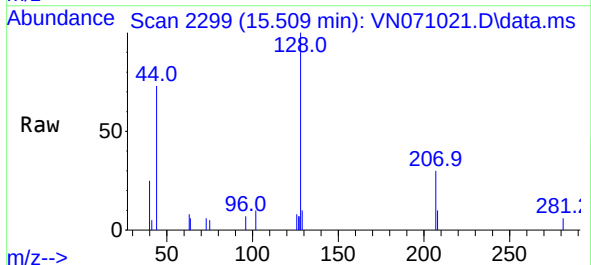
Instrument :
MSVOA_N
ClientSampleId :
VN0222WBL01

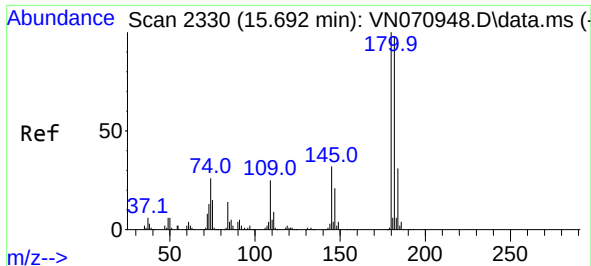
Tgt Ion:180 Resp: 2128
Ion Ratio Lower Upper
180 100
182 108.7 48.3 144.9
145 32.0 14.5 43.5



#95
Naphthalene
Concen: 5.306 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN071021.D
Acq: 22 Feb 2022 11:58

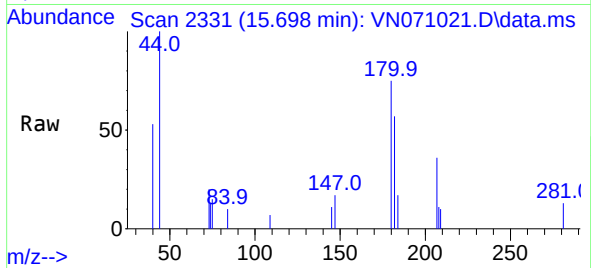
Tgt Ion:128 Resp: 6409
Ion Ratio Lower Upper
128 100
127 10.8 10.5 15.7
129 12.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.831 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071021.D
 Acq: 22 Feb 2022 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBL01



Tgt Ion:	180	Resp:	2299
Ion	Ratio	Lower	Upper
180	100		
182	101.5	47.4	142.2
145	21.3	15.0	45.1

