

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070285.D
 Acq On : 22 Dec 2021 10:55
 Operator : JC/MD
 Sample : VN1222MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 11:12:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

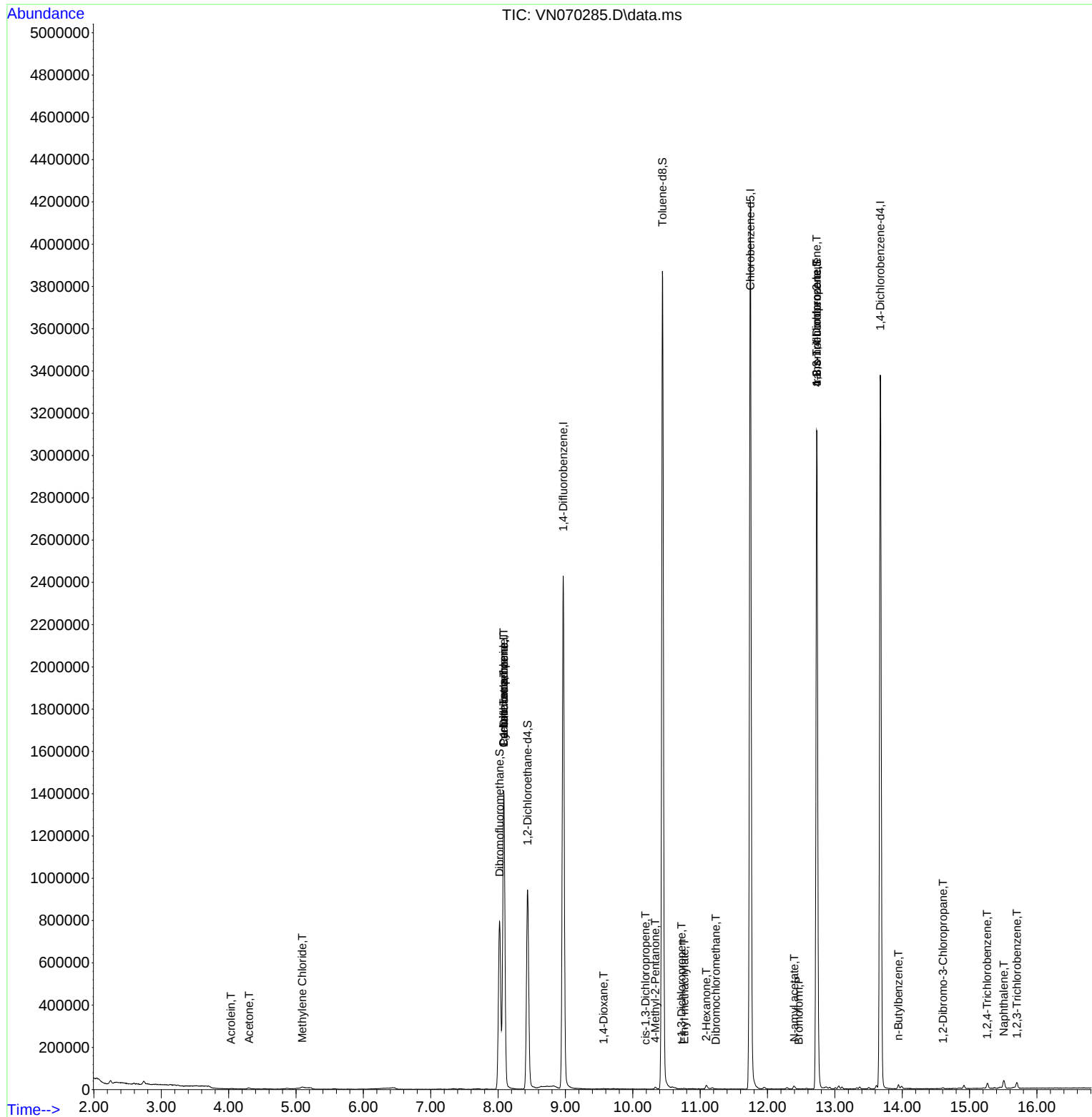
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1070852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2032461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2372439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	909042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	836373	50.585	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.180%	
35) Dibromofluoromethane	8.021	113	594009	46.659	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.320%	
50) Toluene-d8	10.440	98	2687580	52.575	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.734	95	1118171	60.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 120.760%	
Target Compounds						Qvalue
13) Acrolein	4.036	56	802	0.301	ug/l #	82
16) Acetone	4.304	43	8681	0.873	ug/l #	86
20) Methylene Chloride	5.093	84	3055	0.231	ug/l #	89
31) Cyclohexane	8.083	56	26282	1.142	ug/l #	22
36) 1,1-Dichloropropene	8.083	75	89494	4.625	ug/l #	49
38) Carbon Tetrachloride	8.083	117	110492	5.823	ug/l #	16
49) 1,4-Dioxane	9.566	88	158	0.443	ug/l #	1
51) 4-Methyl-2-Pentanone	10.336	43	6379	0.231	ug/l #	71
53) t-1,3-Dichloropropene	10.722	75	673	2.821	ug/l #	43
54) cis-1,3-Dichloropropene	10.188	75	267	2.009	ug/l #	32
56) Ethyl methacrylate	10.768	69	1409	2.328	ug/l #	61
59) 2-Hexanone	11.089	43	16106	0.770	ug/l	93
60) Dibromochloromethane	11.234	129	89	2.382	ug/l #	11
71) Bromoform	12.465	173	303	2.751	ug/l #	29
74) N-amyl acetate	12.396	43	10778	0.301	ug/l #	89
76) 1,2,3-Trichloropropane	12.731	75	605506	23.227	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	605506	73.905	ug/l #	5
89) n-Butylbenzene	13.943	91	10699	0.216	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	1238	0.245	ug/l	70
93) 1,2,4-Trichlorobenzene	15.263	180	8770	3.432	ug/l	96
95) Naphthalene	15.507	128	35296	4.716	ug/l	96
96) 1,2,3-Trichlorobenzene	15.702	180	12816	3.274	ug/l	84

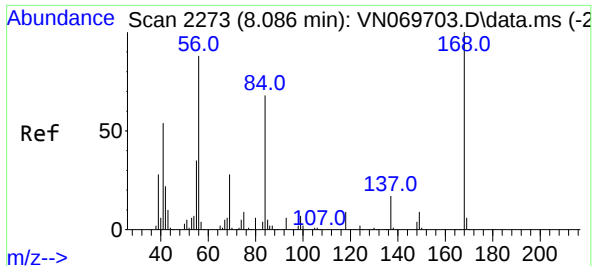
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :

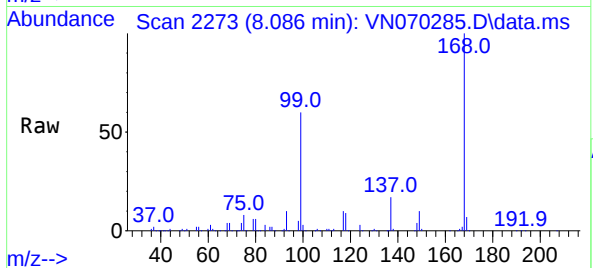
Quant Time: Dec 22 11:12:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



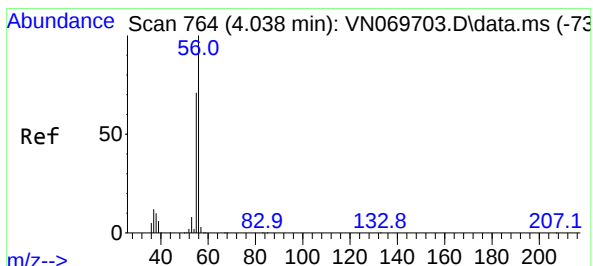
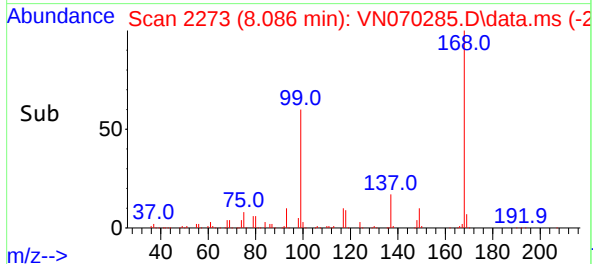
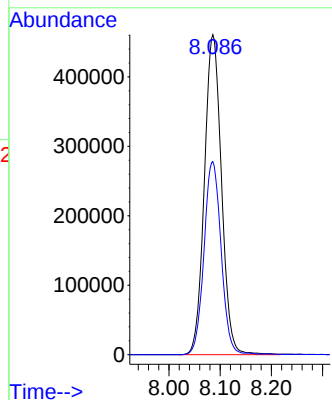


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Instrument :
MSVOA_N
ClientSampleId :

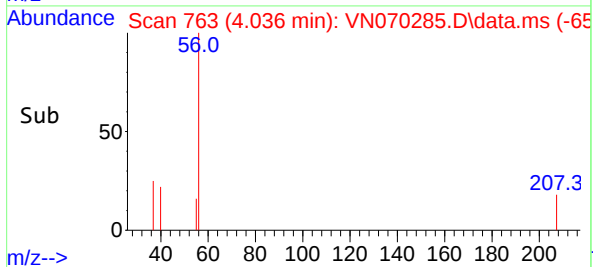
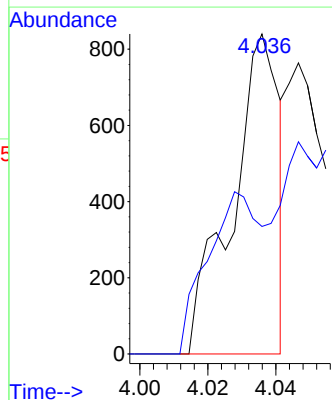
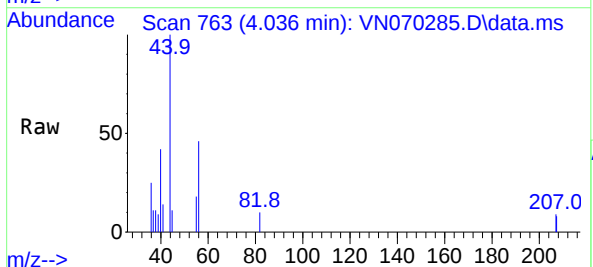


Tgt Ion:168 Resp: 1070852
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#13
Acrolein
Concen: 0.301 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Tgt Ion: 56 Resp: 802
Ion Ratio Lower Upper
56 100
55 56.1 56.6 85.0#

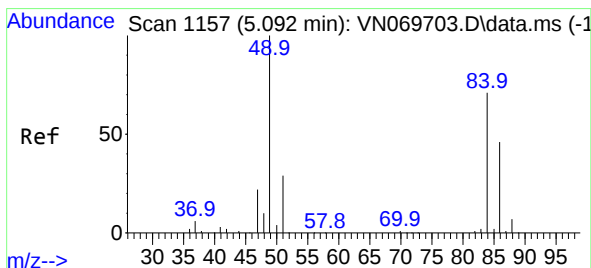
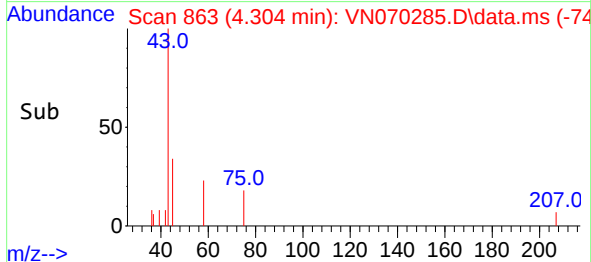
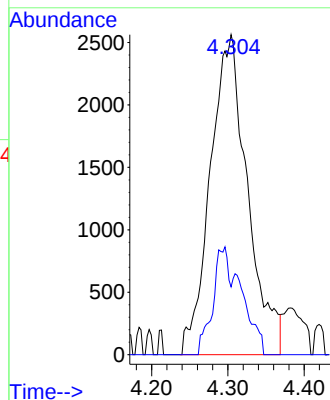
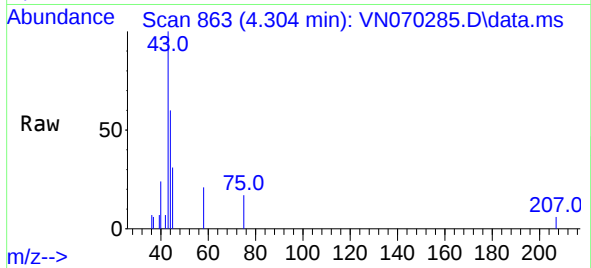




#16
Acetone
Concen: 0.873 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.014 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

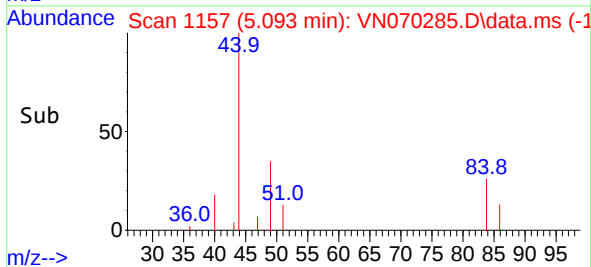
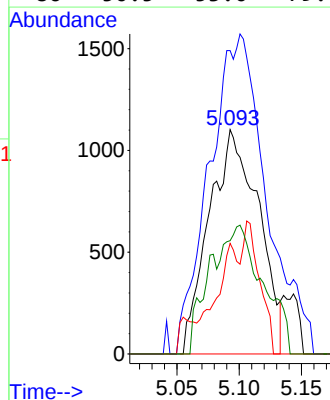
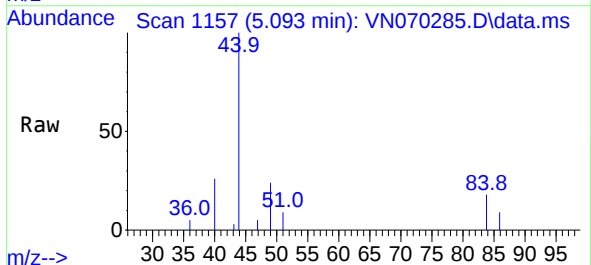
Instrument :
MSVOA_N
ClientSampleId :

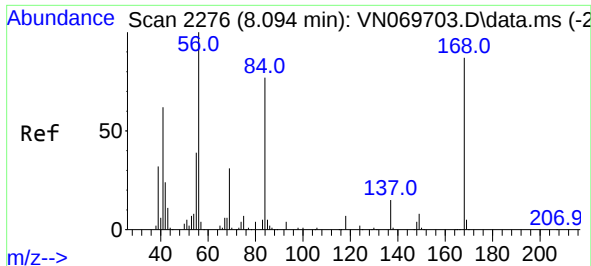
Tgt Ion: 43 Resp: 8681
Ion Ratio Lower Upper
43 100
58 21.2 23.1 34.7#



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

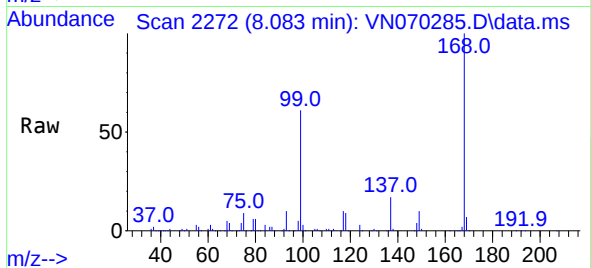
Tgt Ion: 84 Resp: 3055
Ion Ratio Lower Upper
84 100
49 121.0 93.5 140.3
51 49.3 29.4 44.2#
86 50.5 53.0 79.4#



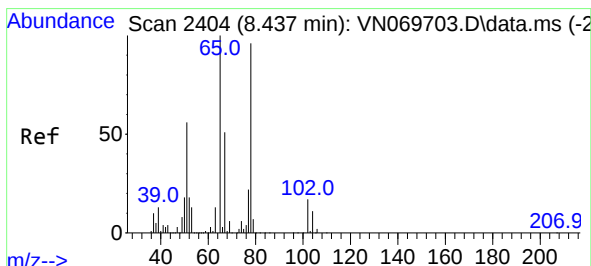
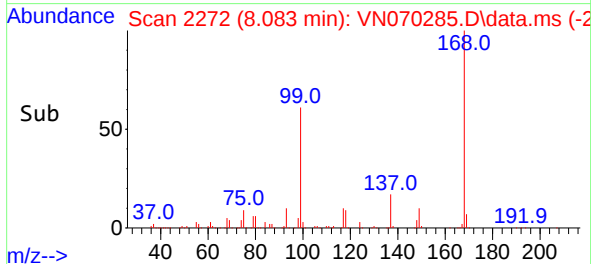
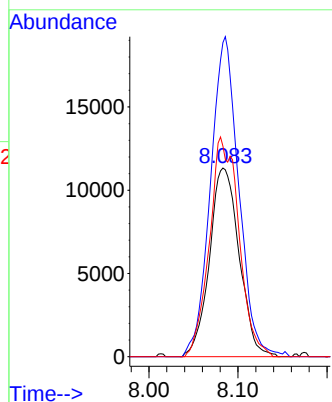


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Instrument :
MSVOA_N
ClientSampleId :

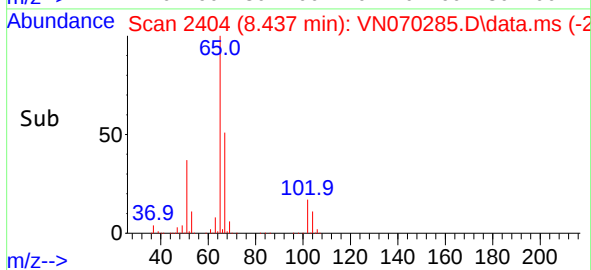
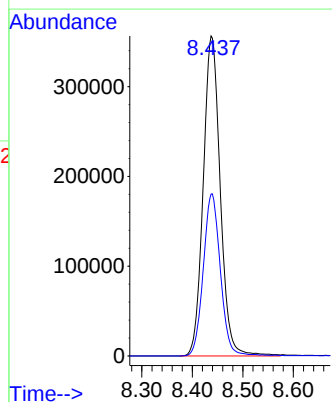
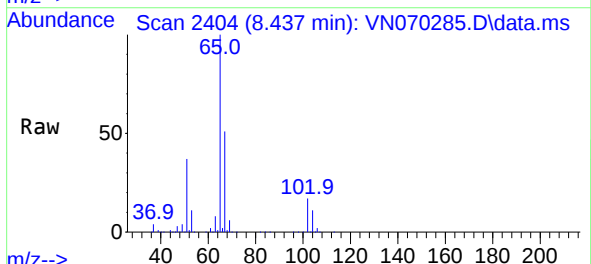


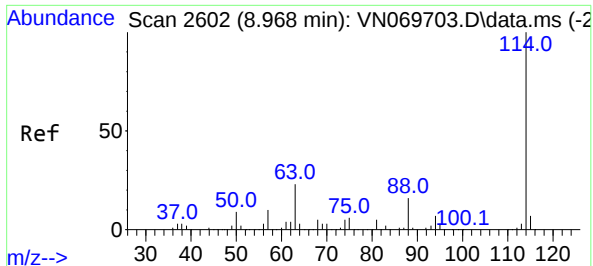
Tgt Ion: 56 Resp: 26282
Ion Ratio Lower Upper
56 100
69 166.6 27.1 40.7#
84 111.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.585 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Tgt Ion: 65 Resp: 836373
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070285.D

Acq: 22 Dec 2021 10:55

Instrument :

MSVOA_N

ClientSampleId :

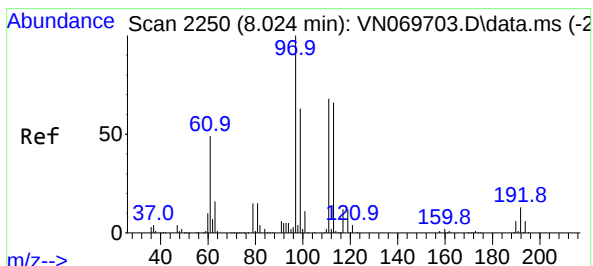
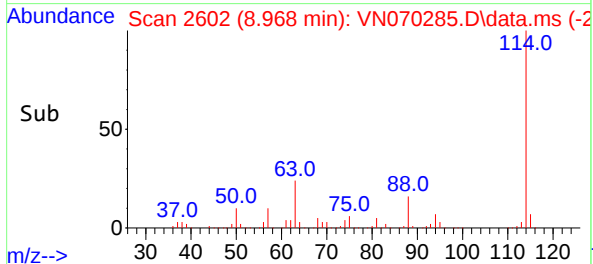
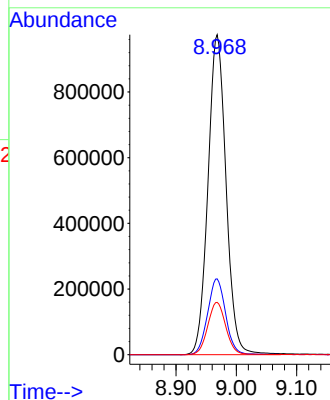
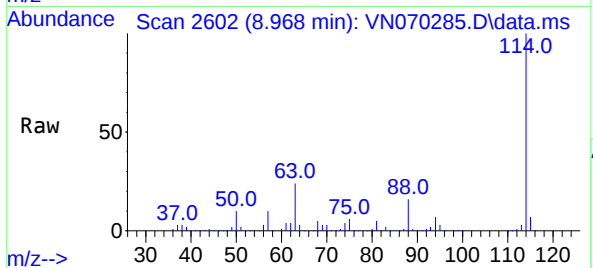
Tgt Ion:114 Resp: 2032461

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.659 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070285.D

Acq: 22 Dec 2021 10:55

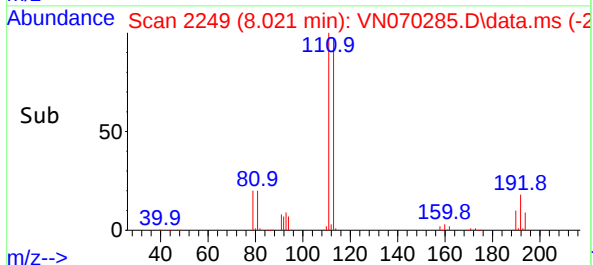
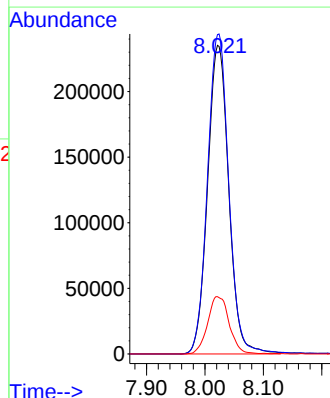
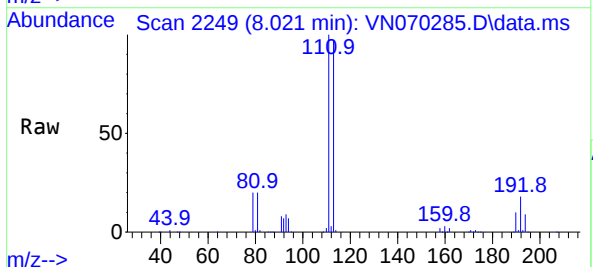
Tgt Ion:113 Resp: 594009

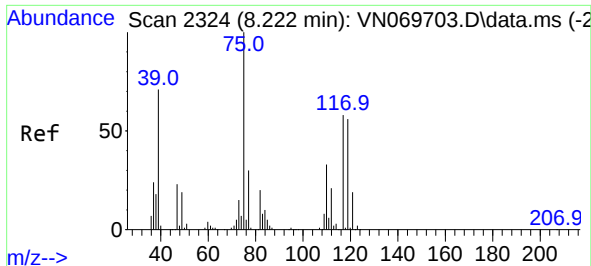
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 18.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.625 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.139 min

Lab File: VN070285.D

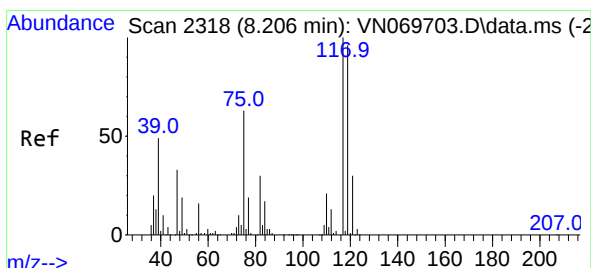
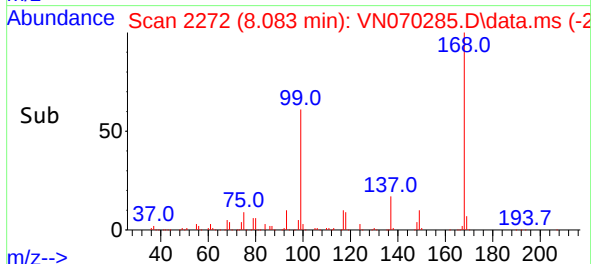
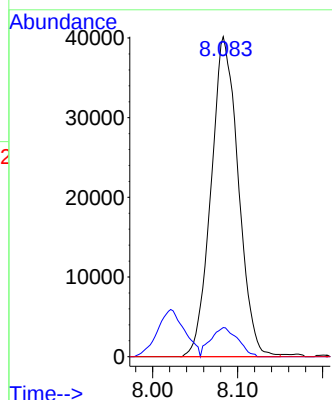
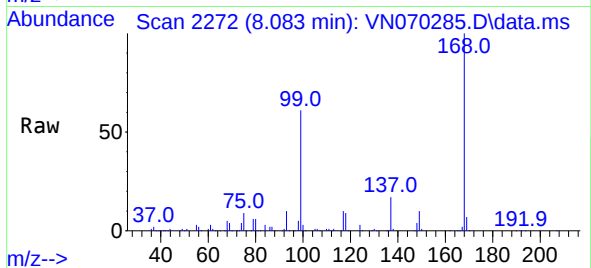
Acq: 22 Dec 2021 10:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	89494
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.4	55.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.823 ug/l

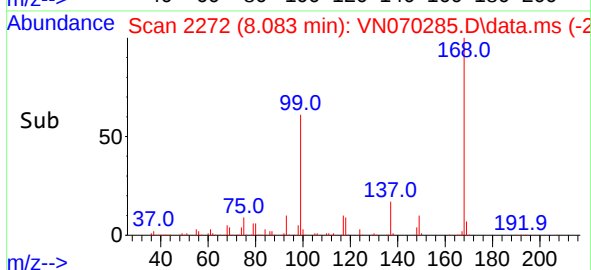
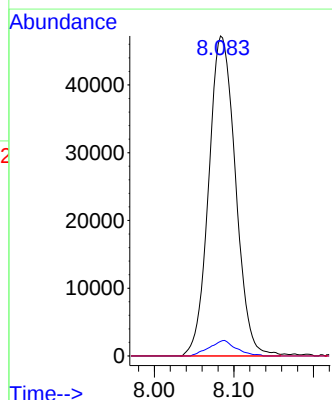
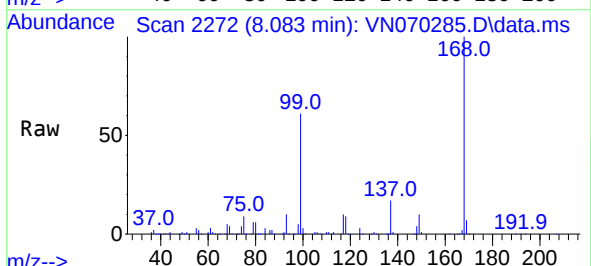
RT: 8.083 min Scan# 2272

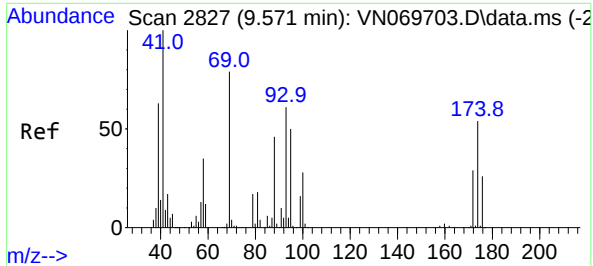
Delta R.T. -0.123 min

Lab File: VN070285.D

Acq: 22 Dec 2021 10:55

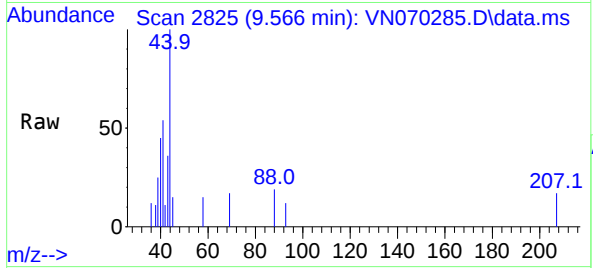
Tgt Ion:	117	Resp:	110492
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.1	114.1#
121	0.0	24.2	36.2#



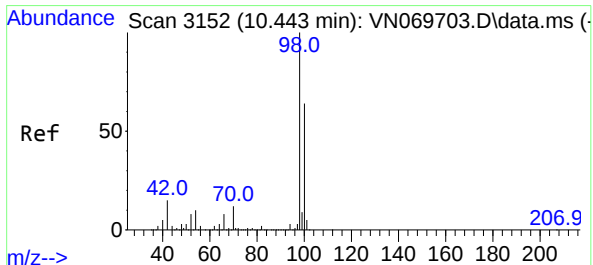
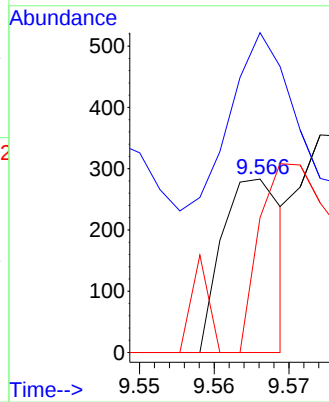
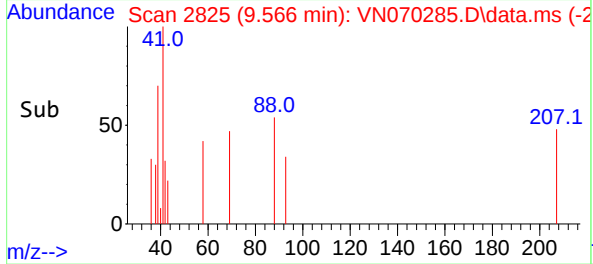


#49
1,4-Dioxane
Concen: 0.443 ug/l
RT: 9.566 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

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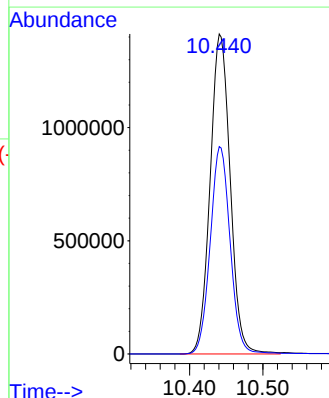
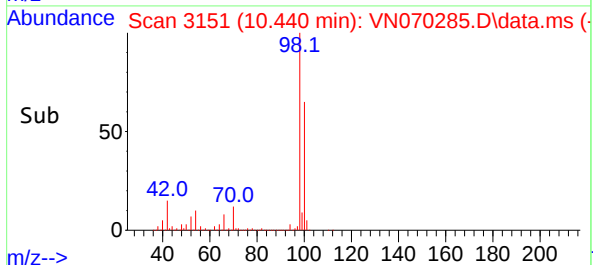
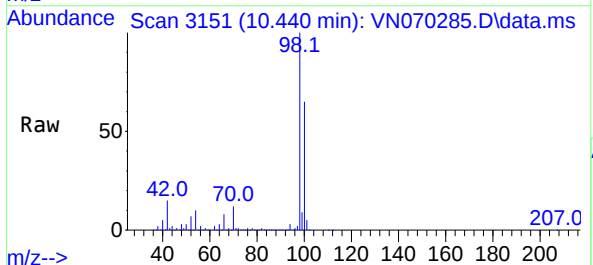


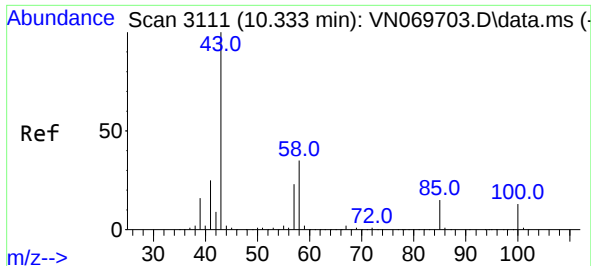
Tgt Ion: 88 Resp: 158
Ion Ratio Lower Upper
88 100
43 112.0 23.4 35.2#
58 167.7 50.6 75.8#



#50
Toluene-d8
Concen: 52.575 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Tgt Ion: 98 Resp: 2687580
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

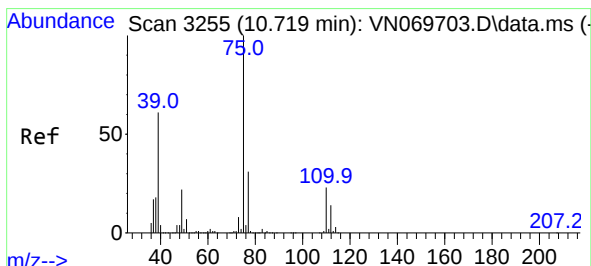
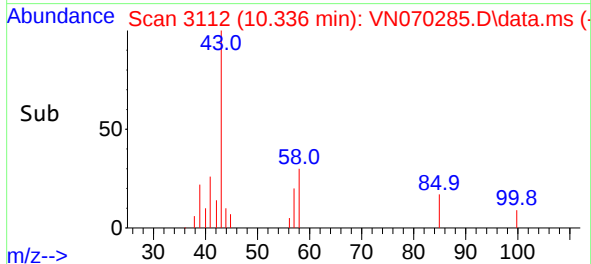
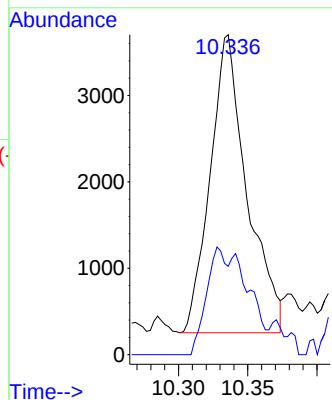
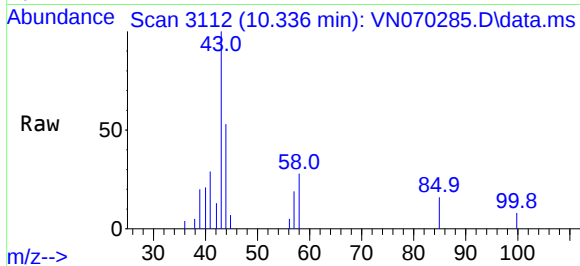




#51
4-Methyl-2-Pentanone
Concen: 0.231 ug/l
RT: 10.336 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

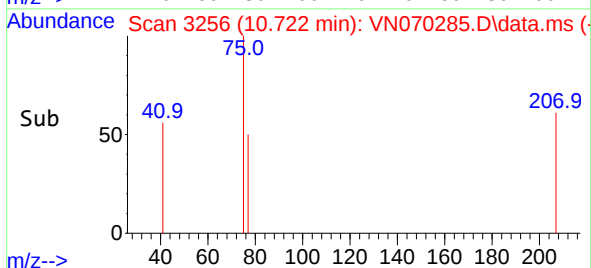
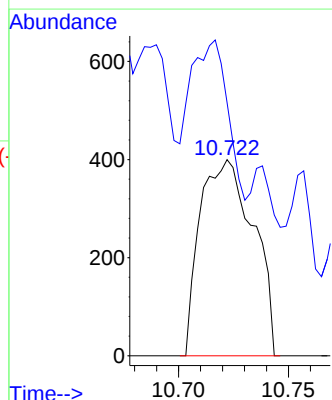
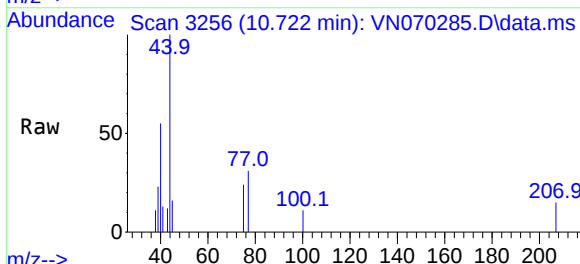
Instrument :
MSVOA_N
ClientSampleId :

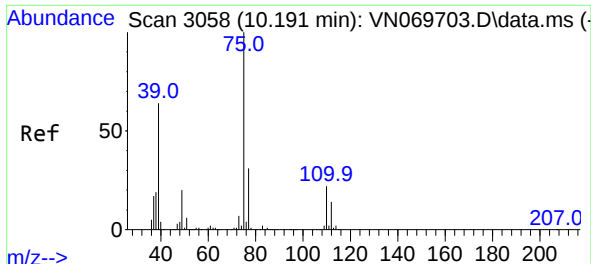
Tgt Ion: 43 Resp: 6379
Ion Ratio Lower Upper
43 100
58 20.4 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.821 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

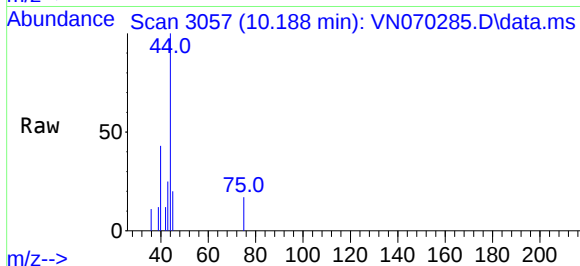
Tgt Ion: 75 Resp: 673
Ion Ratio Lower Upper
75 100
77 63.5 25.6 38.4#



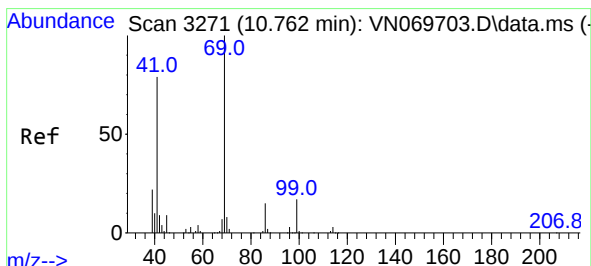
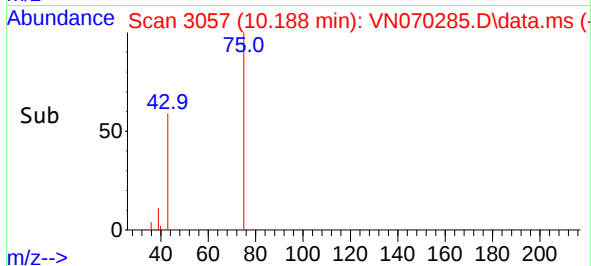
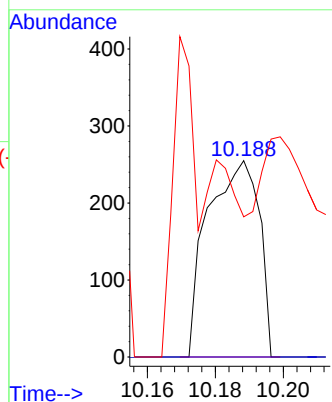


#54
cis-1,3-Dichloropropene
Concen: 2.009 ug/l
RT: 10.188 min Scan# 3058
Delta R.T. -0.003 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Instrument :
MSVOA_N
ClientSampleId :

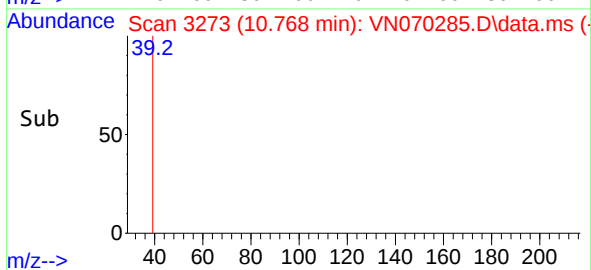
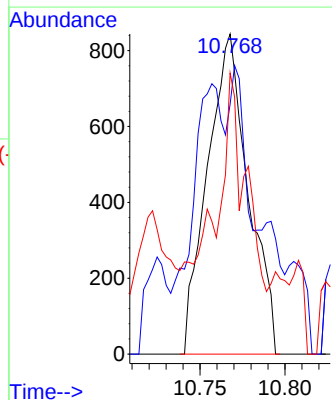
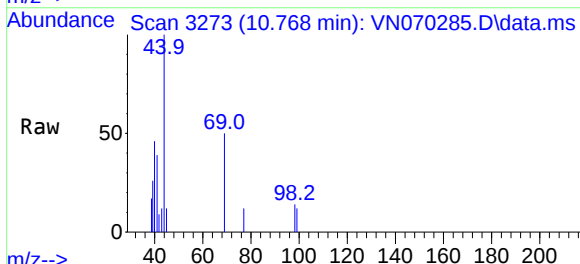


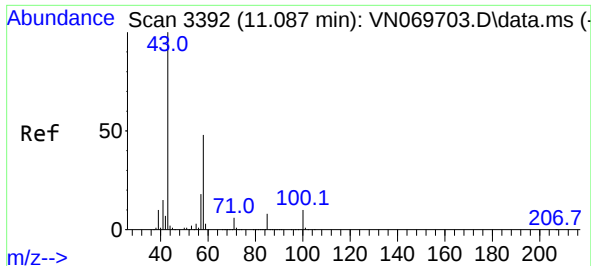
Tgt Ion: 75 Resp: 267
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 0.0 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.328 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.006 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

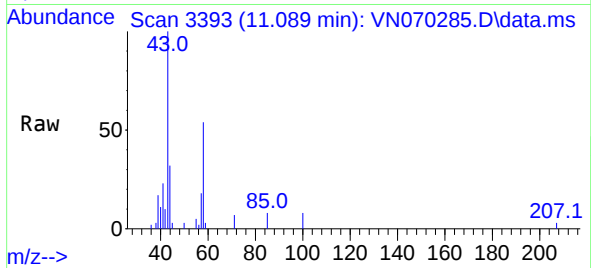
Tgt Ion: 69 Resp: 1409
Ion Ratio Lower Upper
69 100
41 19.7 51.4 77.0#
39 34.9 34.6 52.0



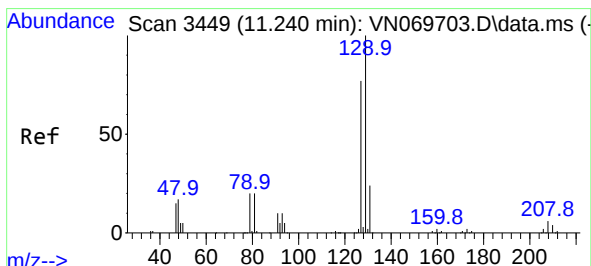
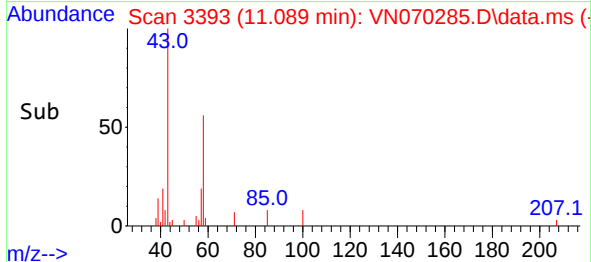
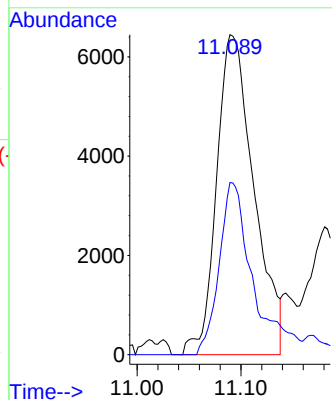


#59
2-Hexanone
Concen: 0.770 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Instrument :
MSVOA_N
ClientSampleId :

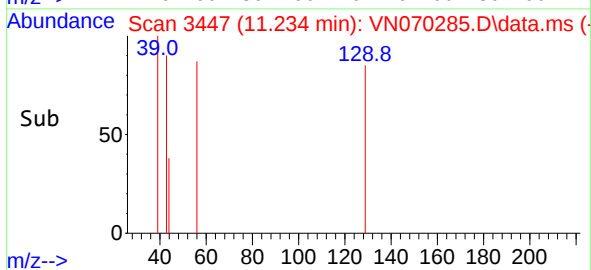
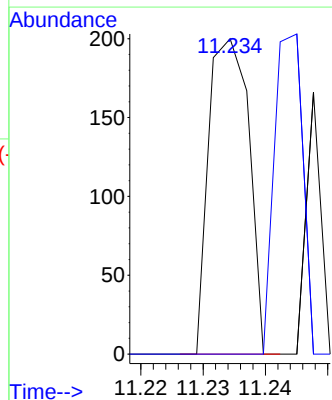
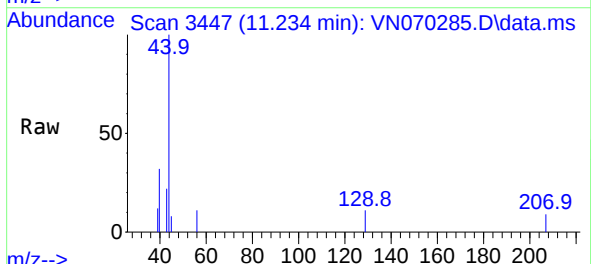


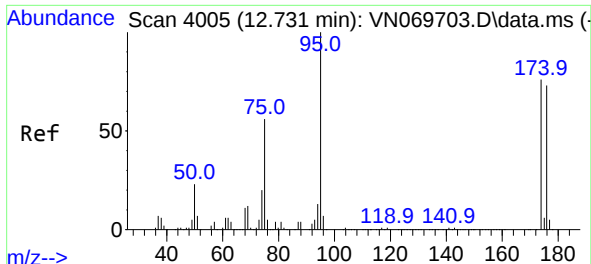
Tgt Ion: 43 Resp: 16106
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7



#60
Dibromochloromethane
Concen: 2.382 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.006 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Tgt Ion: 129 Resp: 89
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

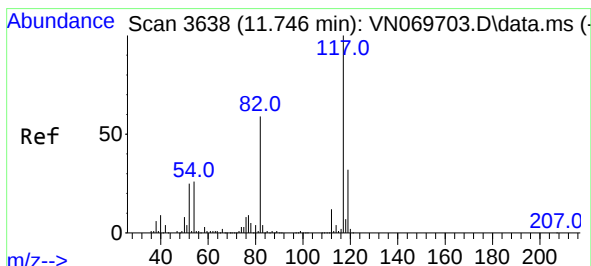
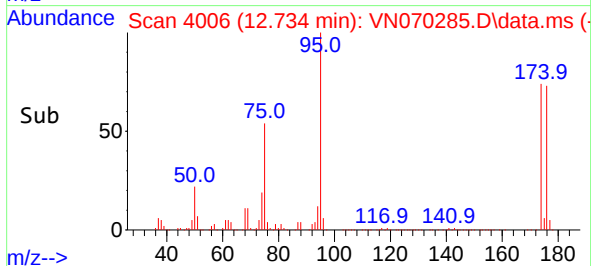
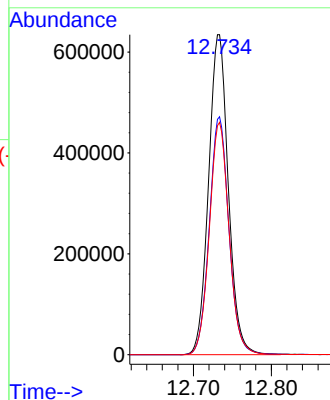
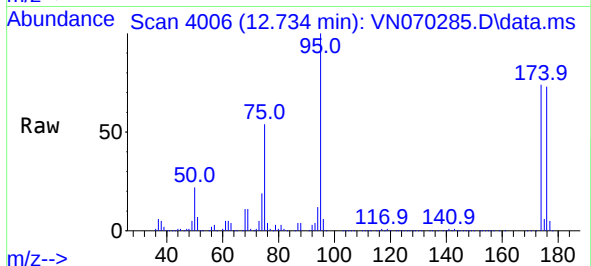




#62
4-Bromofluorobenzene
Concen: 60.379 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

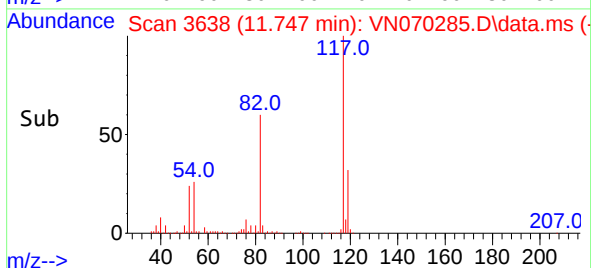
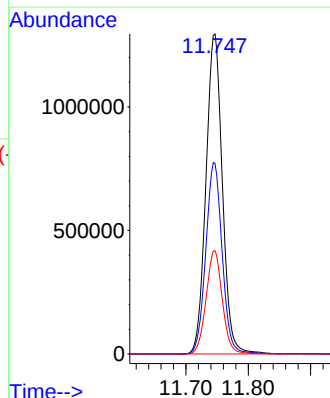
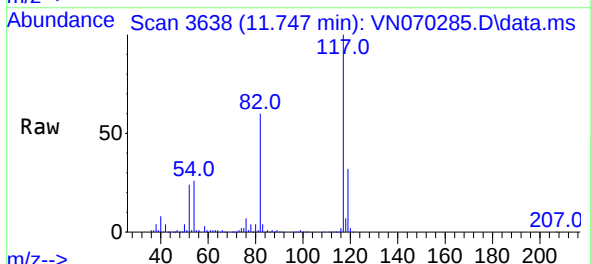
Instrument :
MSVOA_N
ClientSampleId :

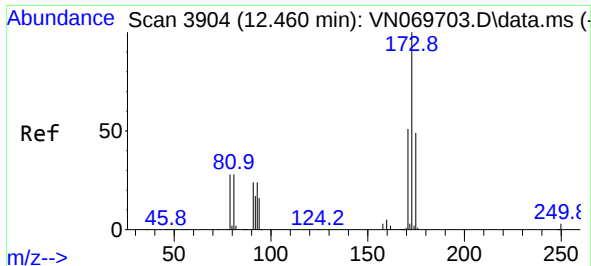
Tgt Ion: 95 Resp: 1118171
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Tgt Ion: 117 Resp: 2372439
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.3 25.4 38.2

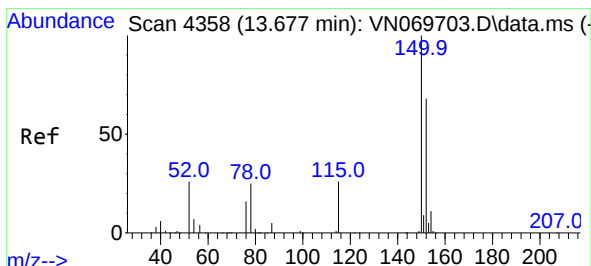
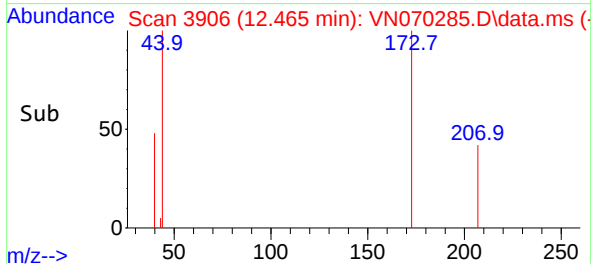
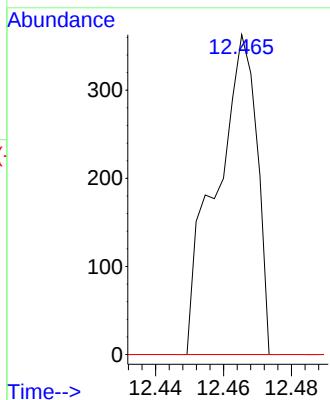
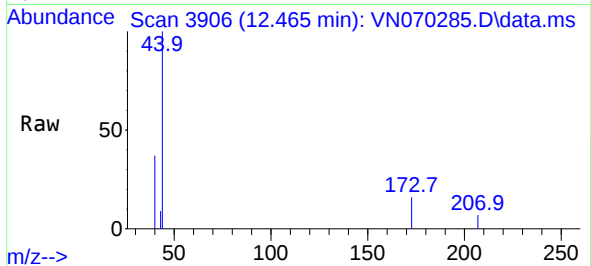




#71
Bromoform
Concen: 2.751 ug/l
RT: 12.465 min Scan# 3904
Delta R.T. 0.005 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

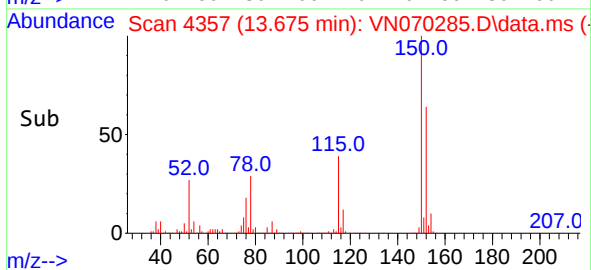
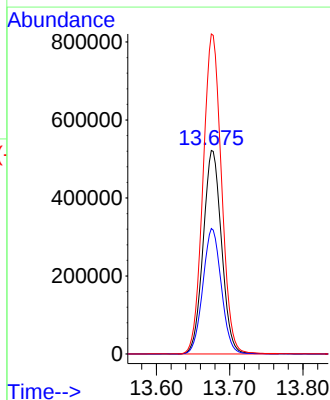
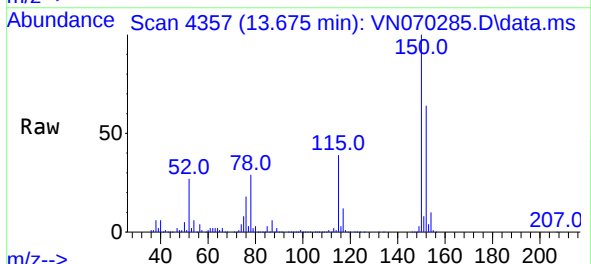
Instrument :
MSVOA_N
ClientSampleId :

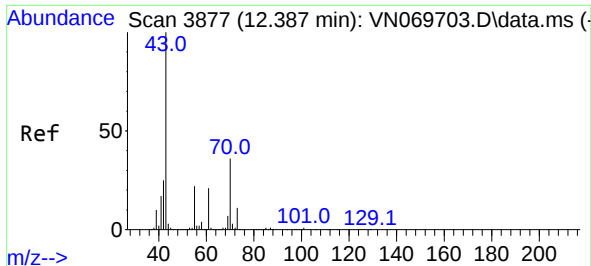
Tgt Ion:173 Resp: 303
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

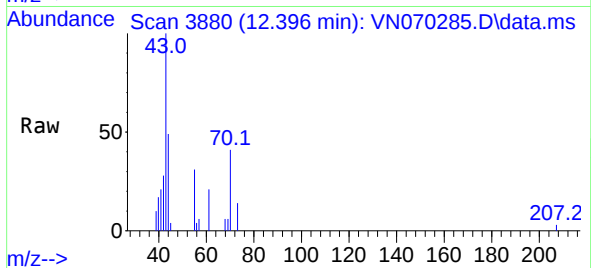
Tgt Ion:152 Resp: 909042
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 158.0 0.0 344.4



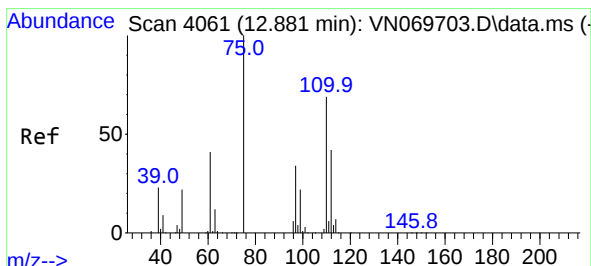
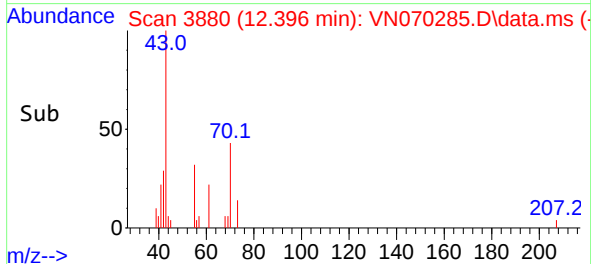
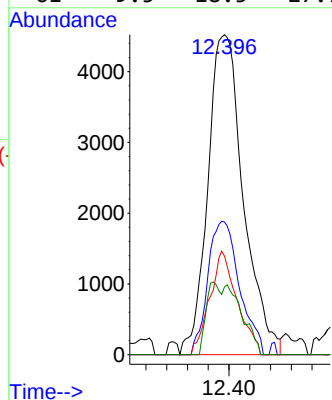


#74
N-amy1 acetate
Concen: 0.301 ug/l
RT: 12.396 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Instrument :
MSVOA_N
ClientSampleId :

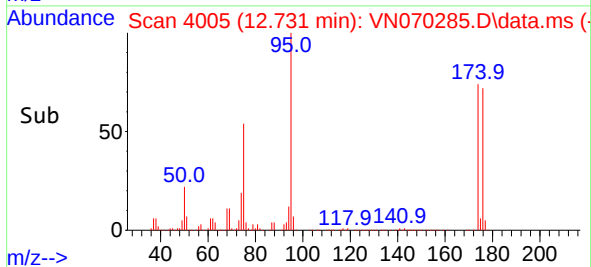
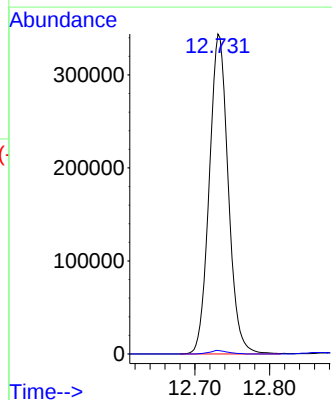
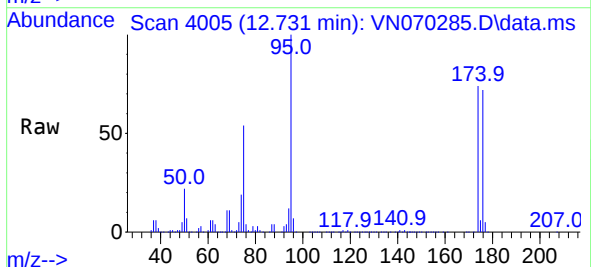


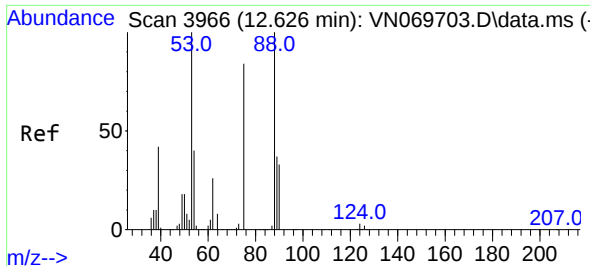
Tgt Ion: 43 Resp: 10778
Ion Ratio Lower Upper
43 100
70 37.1 33.4 50.0
55 25.0 19.3 28.9
61 9.5 18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 23.227 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

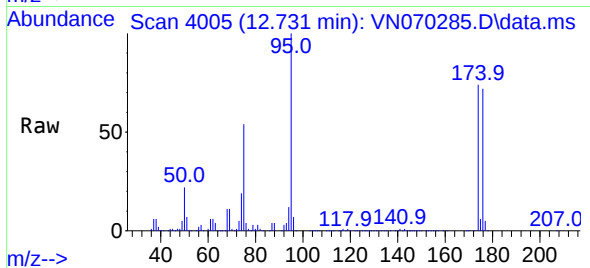
Tgt Ion: 75 Resp: 605506
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



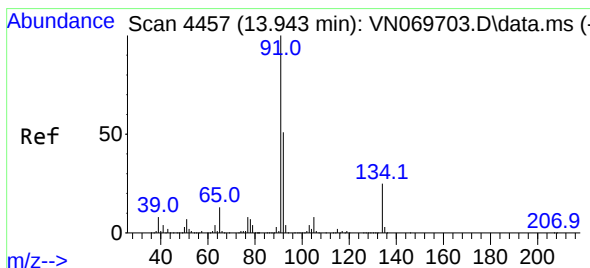
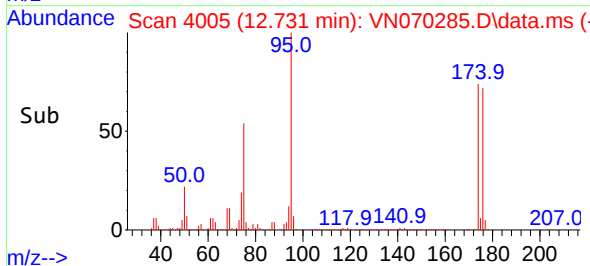
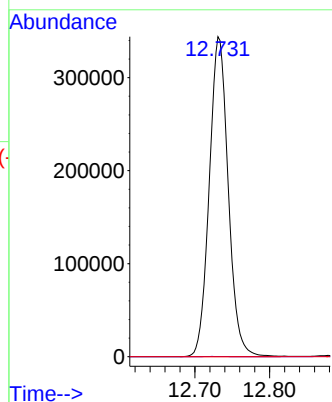


#81
trans-1,4-Dichloro-2-butene
Concen: 73.905 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Instrument :
MSVOA_N
ClientSampleId :

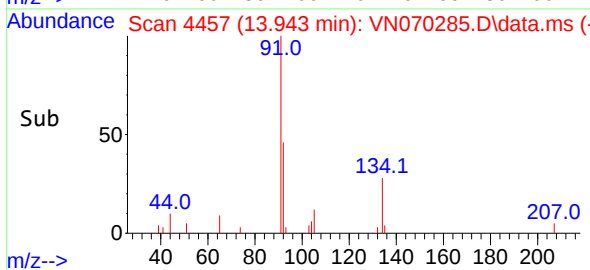
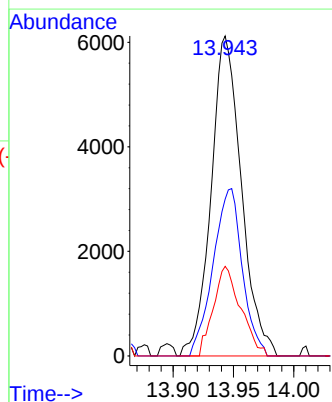
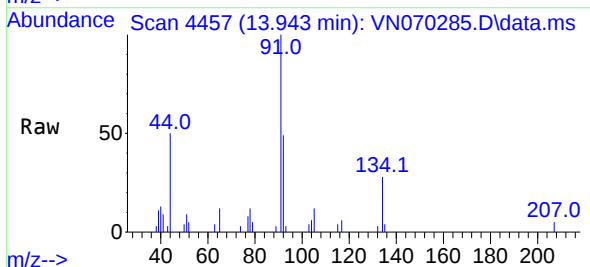


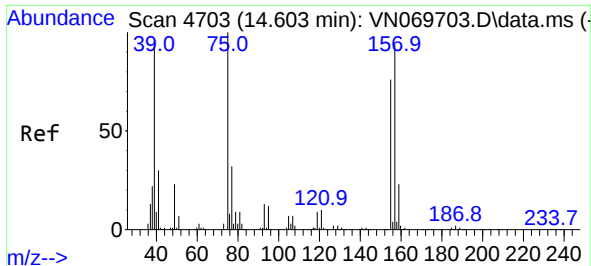
Tgt Ion: 75 Resp: 605506
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#89
n-Butylbenzene
Concen: 0.216 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Tgt Ion: 91 Resp: 10699
Ion Ratio Lower Upper
91 100
92 50.4 25.4 76.0
134 25.2 13.6 40.8

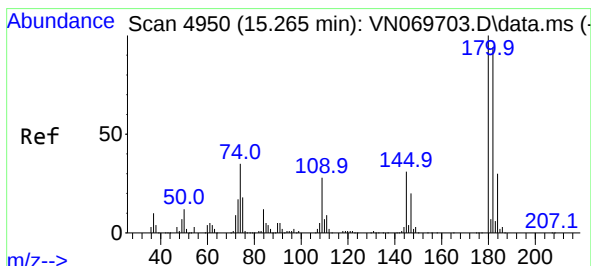
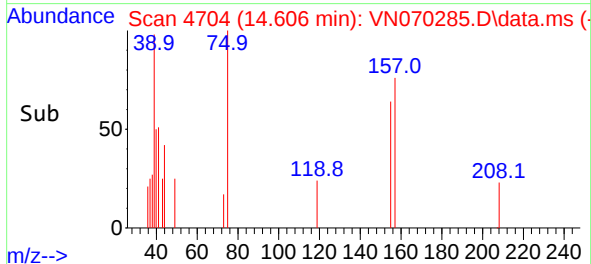
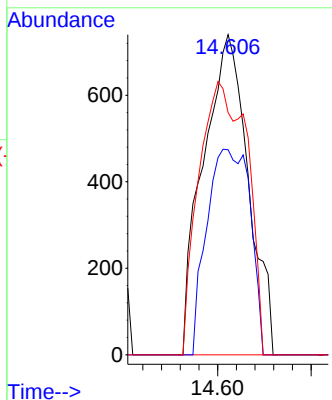
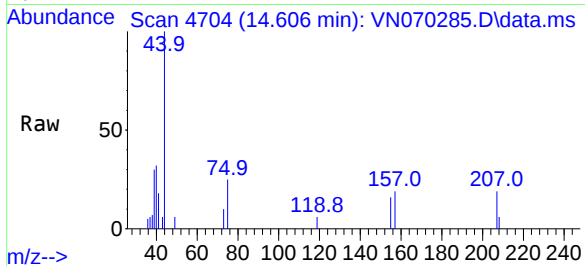




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.245 ug/l
RT: 14.606 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

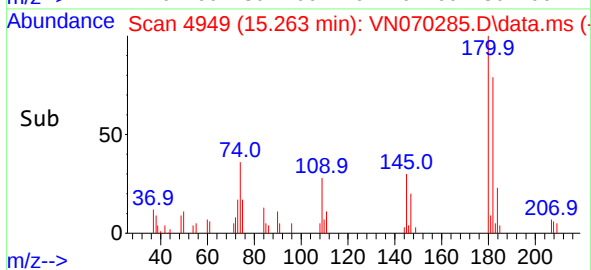
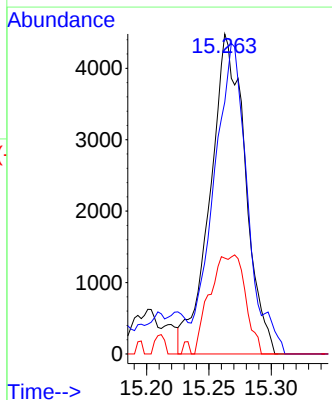
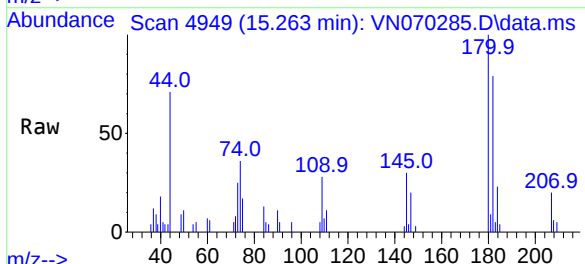
Instrument :
MSVOA_N
ClientSampleId :

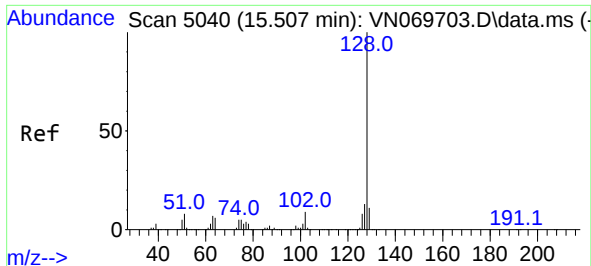
Tgt Ion: 75 Resp: 1238
Ion Ratio Lower Upper
75 100
155 61.6 46.9 140.7
157 91.4 60.6 181.7



#93
1,2,4-Trichlorobenzene
Concen: 3.432 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

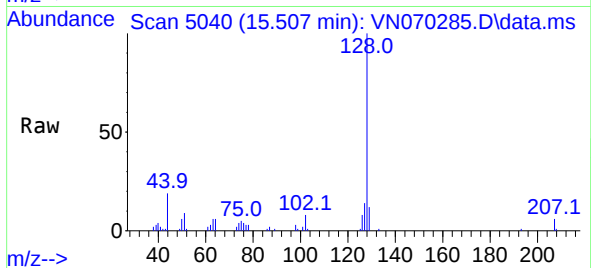
Tgt Ion:180 Resp: 8770
Ion Ratio Lower Upper
180 100
182 92.6 48.3 144.9
145 31.2 14.5 43.5



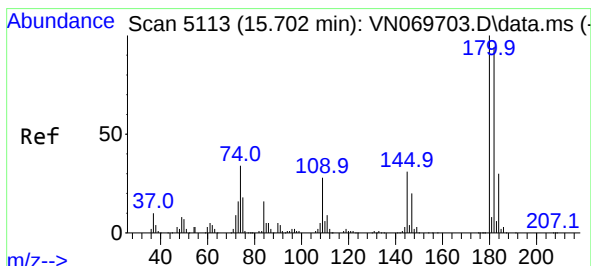
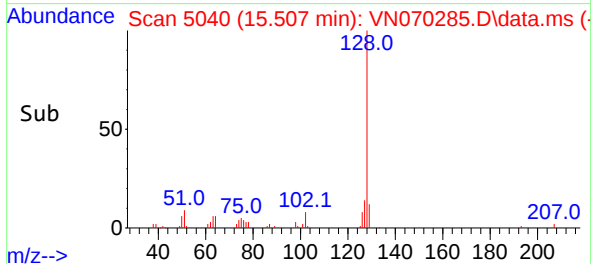
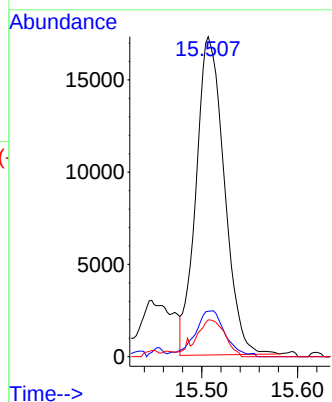


#95
Naphthalene
Concen: 4.716 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 35296
Ion Ratio Lower Upper
128 100
127 15.7 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.274 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070285.D
Acq: 22 Dec 2021 10:55

Tgt Ion:180 Resp: 12816
Ion Ratio Lower Upper
180 100
182 77.0 47.4 142.2
145 25.9 15.0 45.1

