

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070251.D
 Acq On : 20 Dec 2021 19:43
 Operator : JC/MD
 Sample : M5044-04
 Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 04:07:51 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	8.080	168	1257064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2344660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2578894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1456839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	993437	51.184	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.360%	
35) Dibromofluoromethane	8.019	113	674293	45.913	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 91.820%	
50) Toluene-d8	10.440	98	3023568	51.272	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.731	95	1453168	68.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 136.040%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.810	94	1865	0.203	ug/l	94
6) Chloroethane	2.936	64	3300	0.319	ug/l #	60
13) Acrolein	4.033	56	817	0.261	ug/l #	14
14) Allyl chloride	5.042	41	59831	2.217	ug/l #	62
15) Acrylonitrile	5.573	53	5663	0.573	ug/l #	38
16) Acetone	4.299	43	4394	0.376	ug/l	93
18) Methyl Acetate	4.854	43	16260	0.461	ug/l #	79
20) Methylene Chloride	5.063	84	4194	0.270	ug/l #	94
25) 2-Butanone	7.308	43	12348	0.778	ug/l #	48
31) Cyclohexane	8.059	56	268987	9.959	ug/l #	47
36) 1,1-Dichloropropene	8.080	75	105471	4.725	ug/l #	42
37) Ethyl Acetate	7.308	43	12348	0.372	ug/l #	69
38) Carbon Tetrachloride	8.080	117	127041	5.804	ug/l #	16
39) Methylcyclohexane	9.454	83	415959	15.667	ug/l #	37
41) Methacrylonitrile	7.657	41	6017	0.386	ug/l #	36
43) Isopropyl Acetate	8.544	43	207022	4.211	ug/l #	55
45) 1,2-Dichloropropane	9.510	63	5531	0.302	ug/l #	1
47) Bromodichloromethane	9.740	83	83711	3.680	ug/l #	28
48) Methyl methacrylate	9.588	41	280947	12.246	ug/l #	26
49) 1,4-Dioxane	9.598	88	637	1.547	ug/l #	1
51) 4-Methyl-2-Pentanone	10.435	43	73615	2.308	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	541	2.813	ug/l #	1
54) cis-1,3-Dichloropropene	10.188	75	223	2.006	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	440202	26.193	ug/l #	39
56) Ethyl methacrylate	10.778	69	53941	3.903	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.011	63	20484	20.605	ug/l #	45
59) 2-Hexanone	11.049	43	680443	28.204	ug/l #	30
60) Dibromochloromethane	11.342	129	321	2.393	ug/l	100
67) Ethyl Benzene	11.846	91	203666	2.143	ug/l	99
68) m/p-Xylenes	11.958	106	17866	0.516	ug/l #	69
71) Bromoform	12.452	173	1008	2.791	ug/l #	29
73) Isopropylbenzene	12.578	105	149210	1.151	ug/l	90
74) N-amyl acetate	12.366	43	623073	10.870	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.814	83	18666	0.416	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	767401	18.368	ug/l #	1
77) Bromobenzene	12.959	156	70352	2.311	ug/l #	1

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

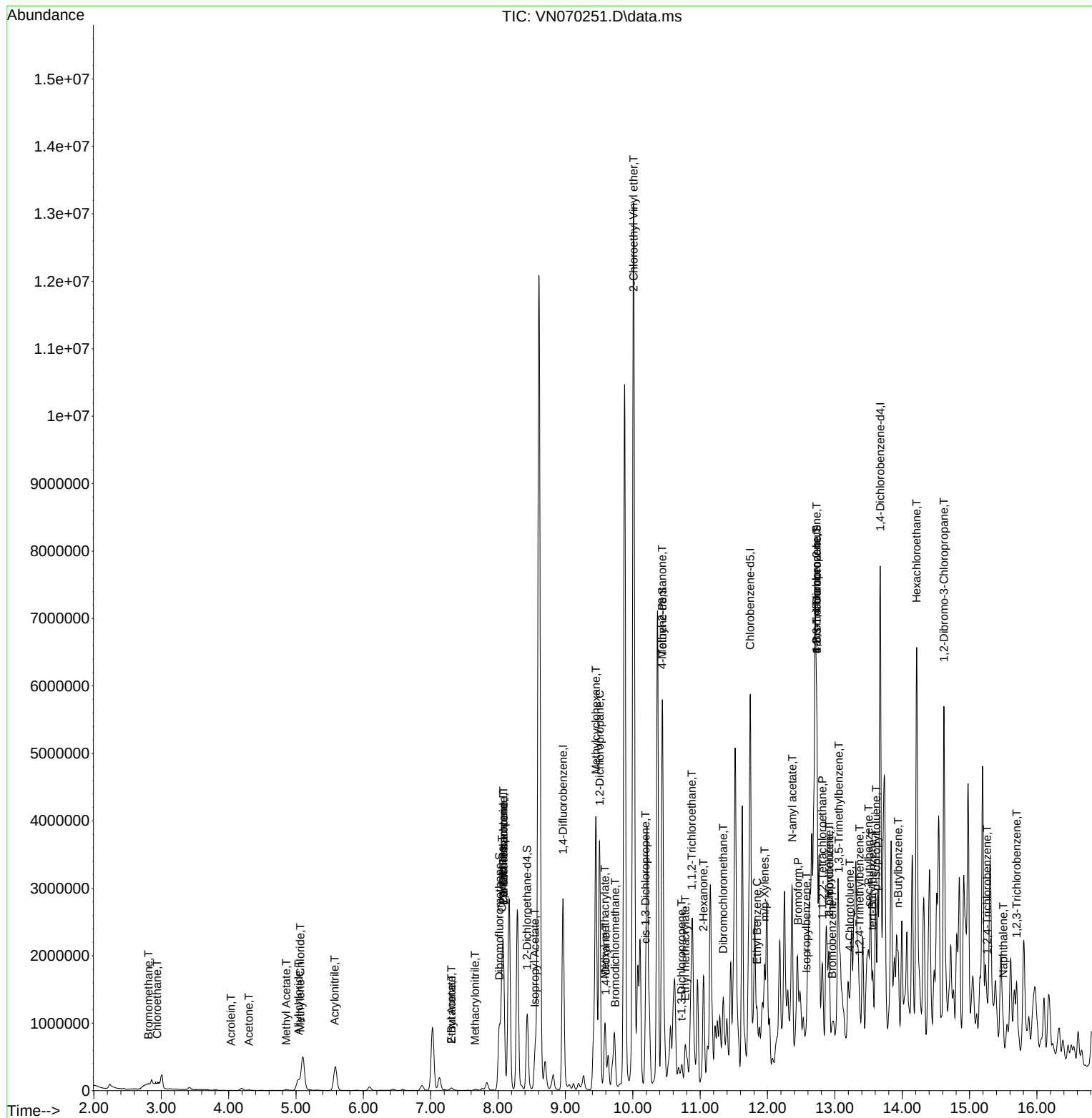
78) n-propylbenzene	12.919	91	685391	4.752	ug/l	96
79) 2-Chlorotoluene	12.919	91	685391	7.520	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	32809	0.314	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.731	75	767175	59.279	ug/l #	5
82) 4-Chlorotoluene	13.222	91	30352	0.354	ug/l #	38
83) tert-Butylbenzene	13.557	119	58561	0.634	ug/l	74
84) 1,2,4-Trimethylbenzene	13.367	105	119815	1.206	ug/l	98
85) sec-Butylbenzene	13.501	105	504327	4.025	ug/l #	45
86) p-Isopropyltoluene	13.613	119	26486	0.270	ug/l #	50
89) n-Butylbenzene	13.940	91	761814	9.588	ug/l #	76
90) Hexachloroethane	14.214	117	241856	14.065	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.619	75	13810	1.705	ug/l	63
93) 1,2,4-Trichlorobenzene	15.260	180	1452	2.935	ug/l #	1
95) Naphthalene	15.501	128	89911	5.147	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.700	180	489	2.456	ug/l #	12

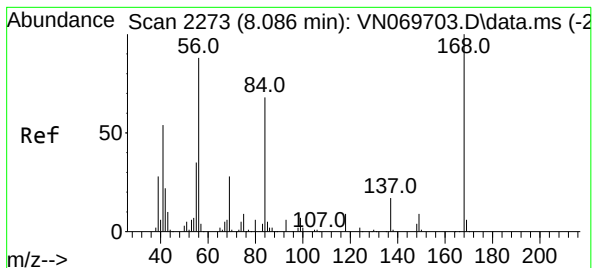
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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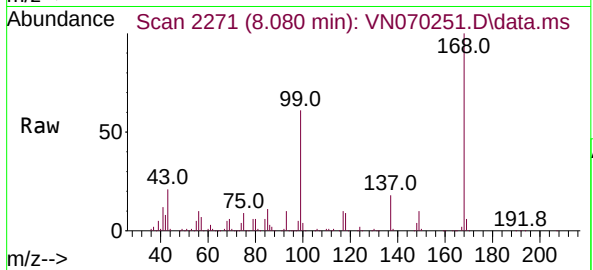
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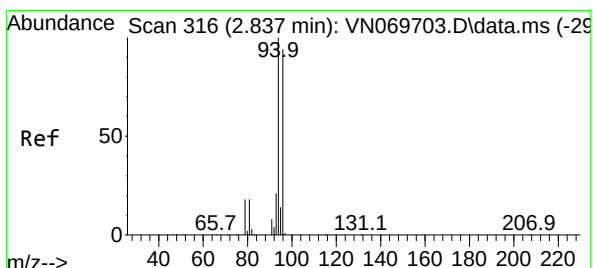
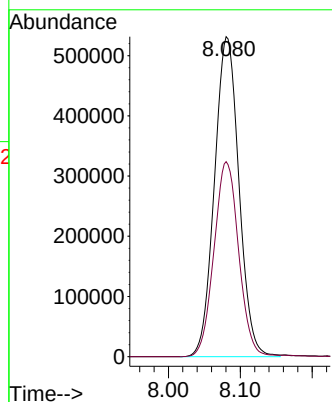
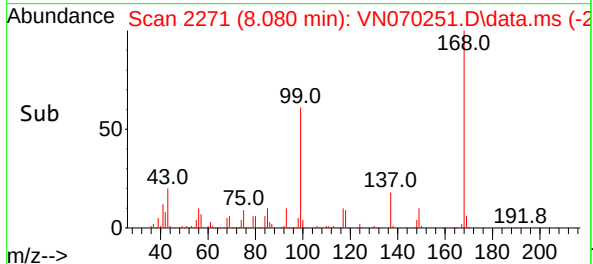


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :

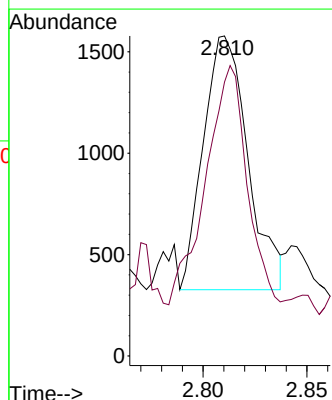
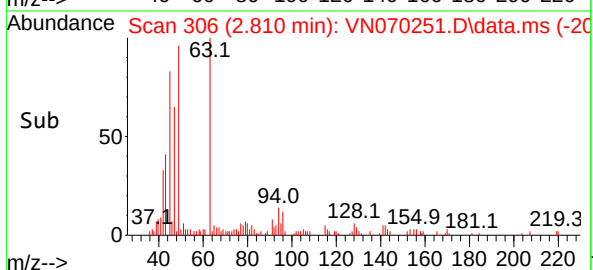
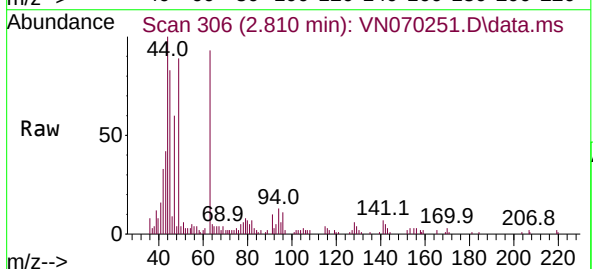


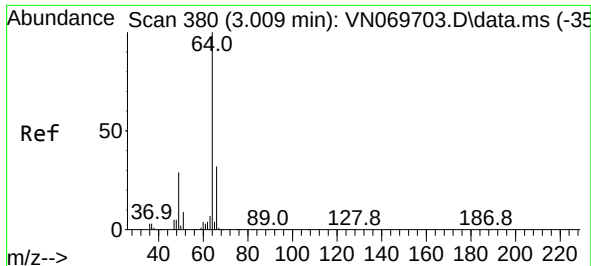
Tgt Ion:168 Resp: 1257064
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#5
Bromomethane
Concen: 0.203 ug/l
RT: 2.810 min Scan# 306
Delta R.T. -0.027 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 94 Resp: 1865
Ion Ratio Lower Upper
94 100
96 86.7 73.8 110.8

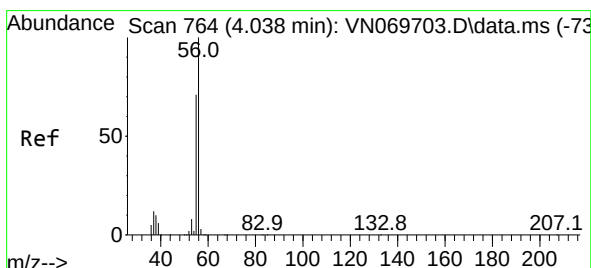
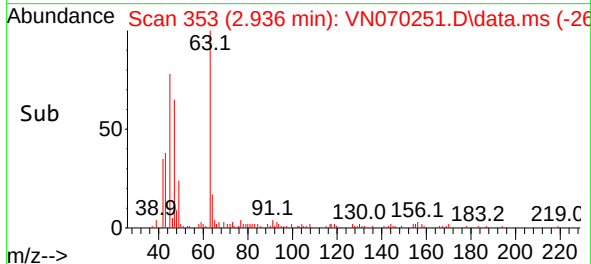
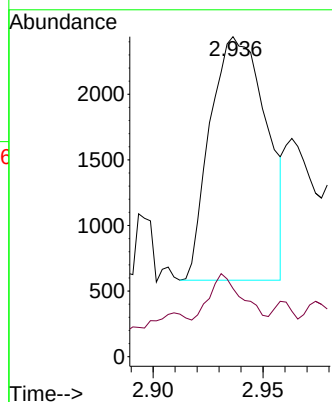
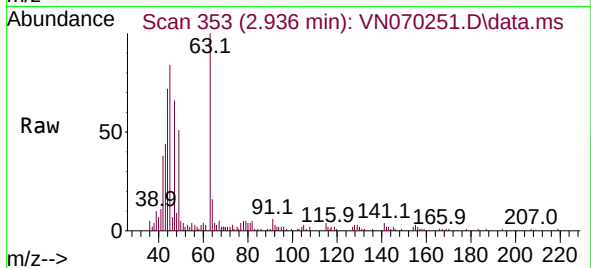




#6
Chloroethane
Concen: 0.319 ug/l
RT: 2.936 min Scan# 311
Delta R.T. -0.072 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

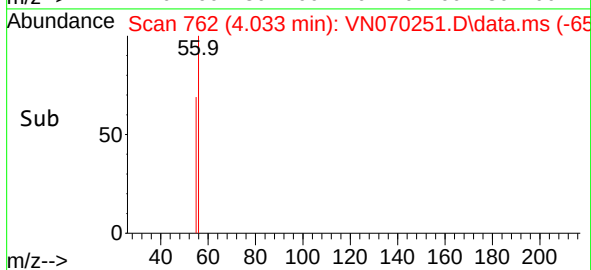
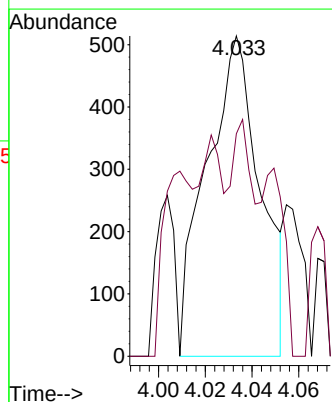
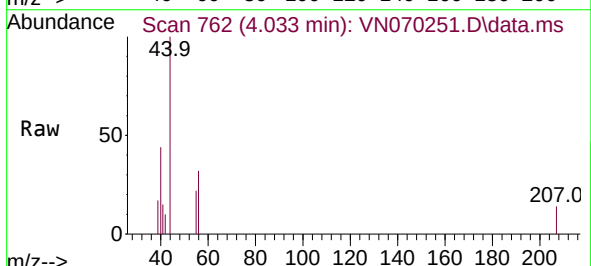
Instrument :
MSVOA_N
ClientSampleId :

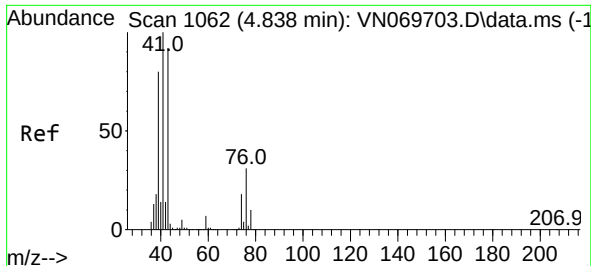
Tgt Ion: 64 Resp: 3300
Ion Ratio Lower Upper
64 100
66 10.6 26.3 39.5#



#13
Acrolein
Concen: 0.261 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 56 Resp: 817
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#14

Allyl chloride

Concen: 2.217 ug/l

RT: 5.042 min Scan# 1138

Delta R.T. 0.204 min

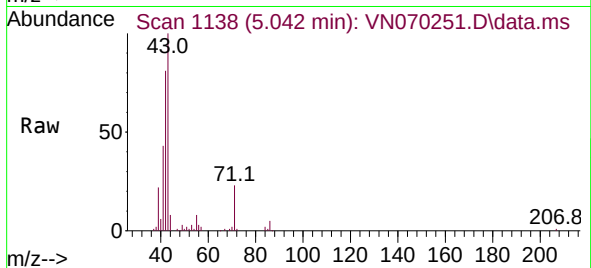
Lab File: VN070251.D

Acq: 20 Dec 2021 19:43

Instrument :

MSVOA_N

ClientSampleId :



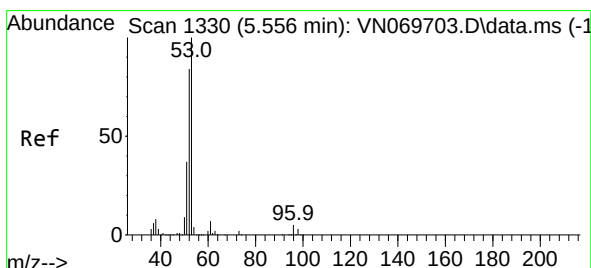
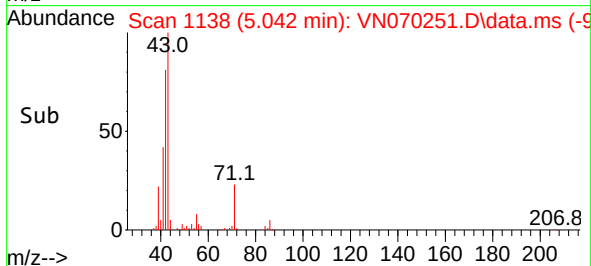
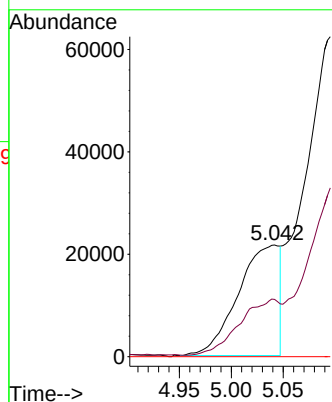
Tgt Ion: 41 Resp: 59831

Ion Ratio Lower Upper

41 100

39 50.9 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 0.573 ug/l

RT: 5.573 min Scan# 1336

Delta R.T. 0.016 min

Lab File: VN070251.D

Acq: 20 Dec 2021 19:43

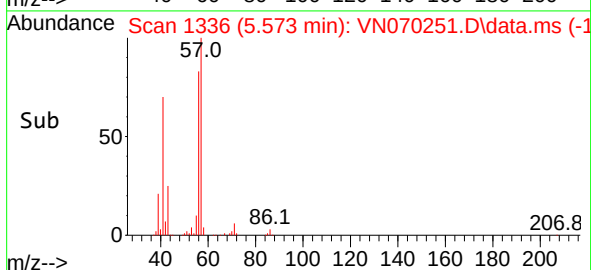
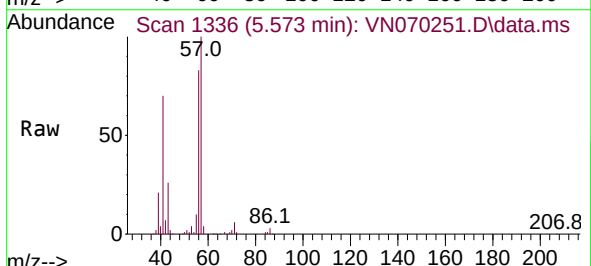
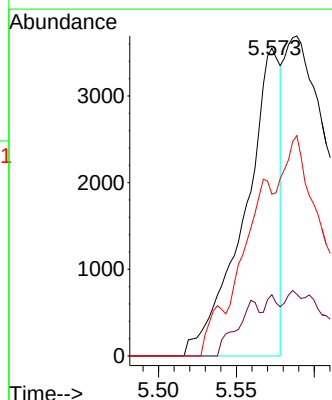
Tgt Ion: 53 Resp: 5663

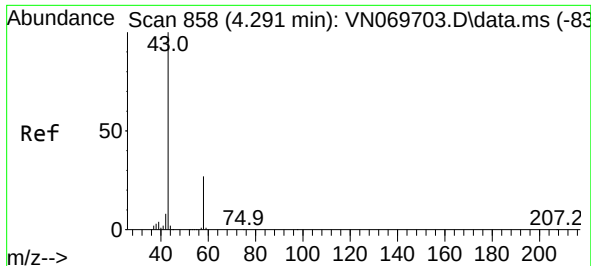
Ion Ratio Lower Upper

53 100

52 7.2 66.2 99.2#

51 29.9 29.6 44.4

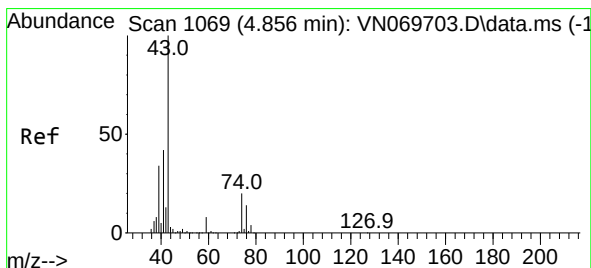
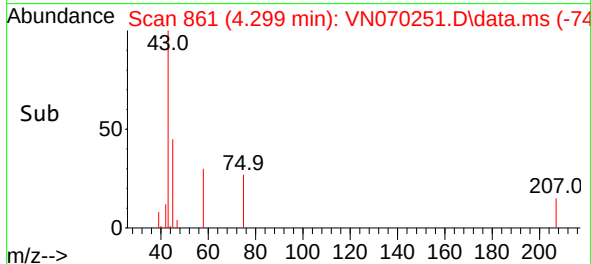
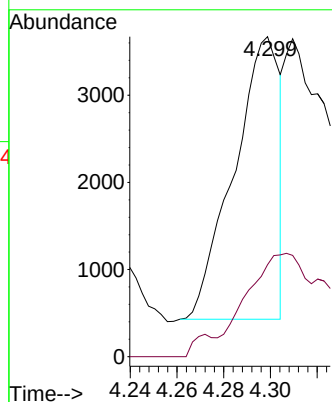
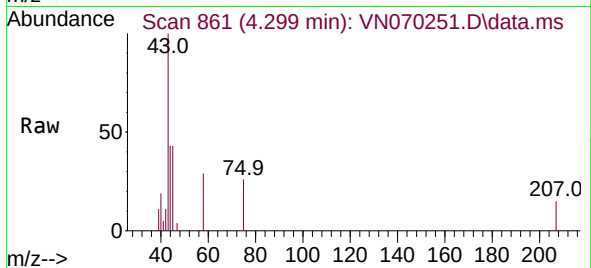




#16
Acetone
Concen: 0.376 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

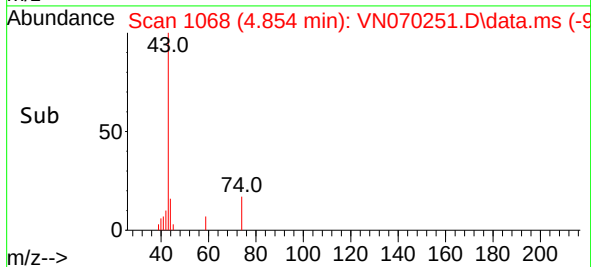
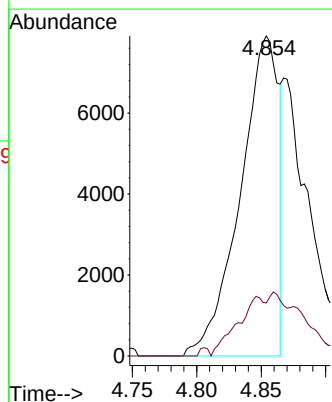
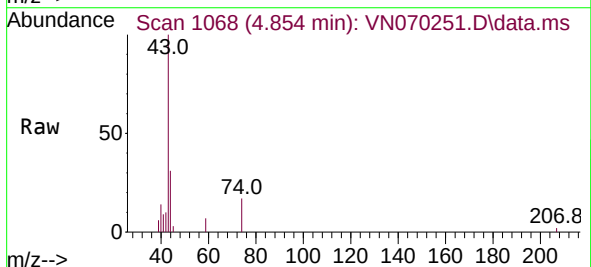
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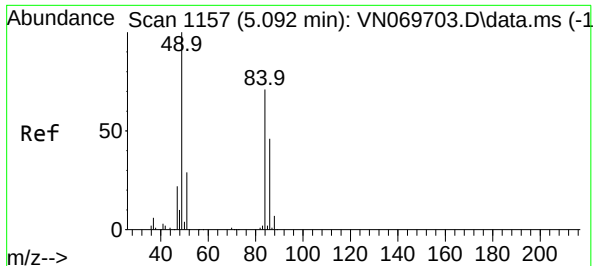
Tgt Ion: 43 Resp: 4394
Ion Ratio Lower Upper
43 100
58 32.6 23.1 34.7



#18
Methyl Acetate
Concen: 0.461 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

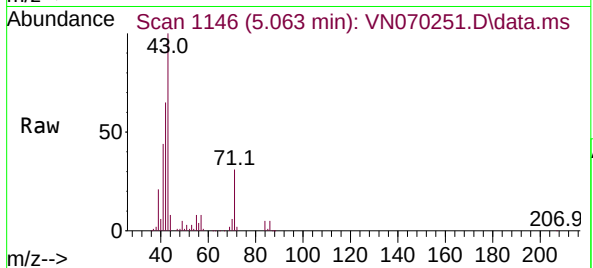
Tgt Ion: 43 Resp: 16260
Ion Ratio Lower Upper
43 100
74 13.9 19.4 29.2#





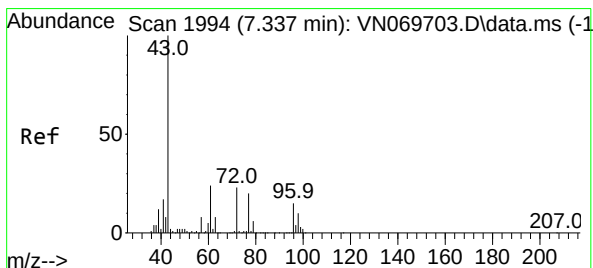
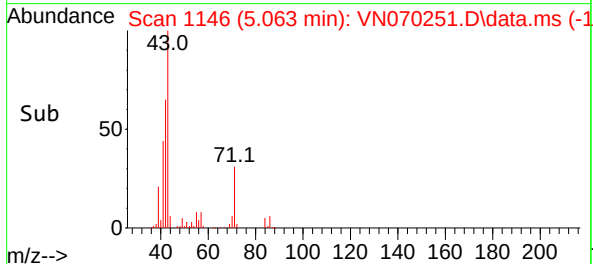
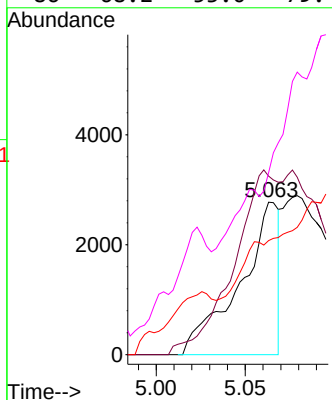
#20
Methylene Chloride
Concen: 0.270 ug/l
RT: 5.063 min Scan# 1146
Delta R.T. -0.029 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

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Tgt Ion: 84 Resp: 4194

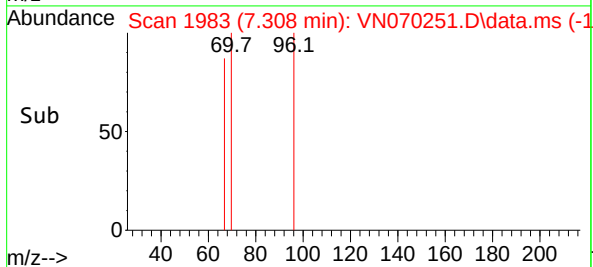
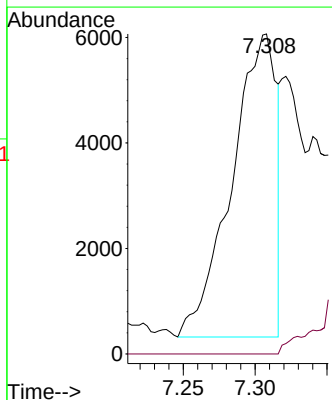
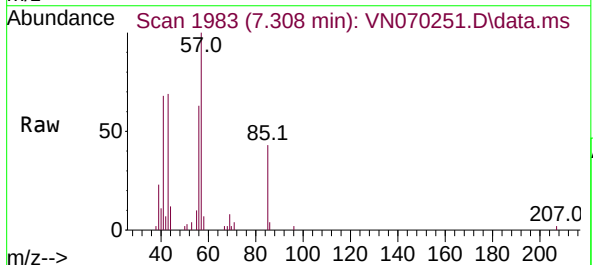
Ion	Ratio	Lower	Upper
84	100		
49	110.2	93.5	140.3
51	44.9	29.4	44.2#
86	68.2	53.0	79.4

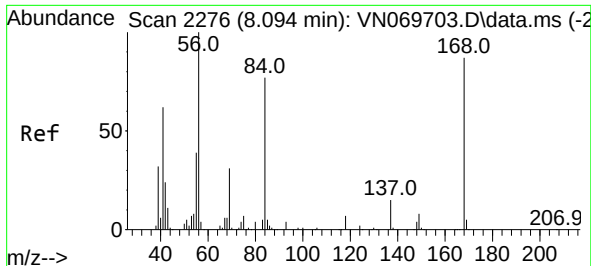


#25
2-Butanone
Concen: 0.778 ug/l
RT: 7.308 min Scan# 1983
Delta R.T. -0.029 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 43 Resp: 12348

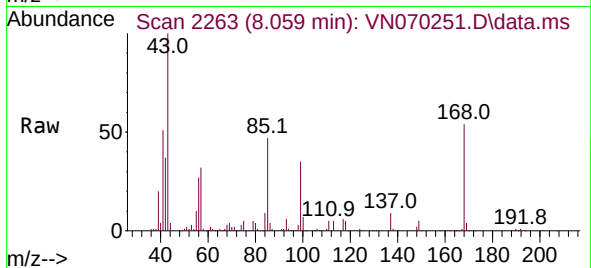
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5#



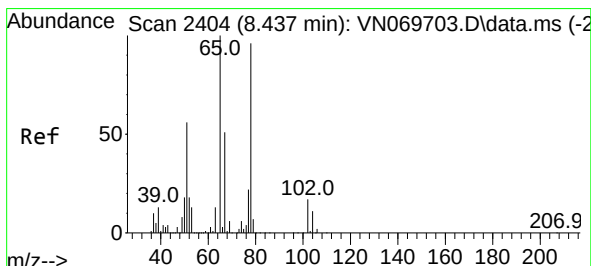
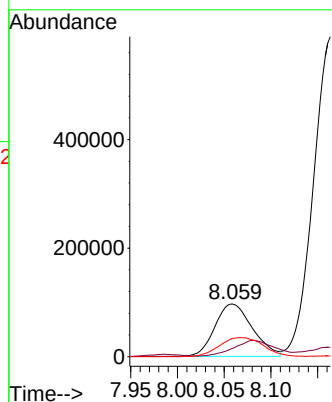
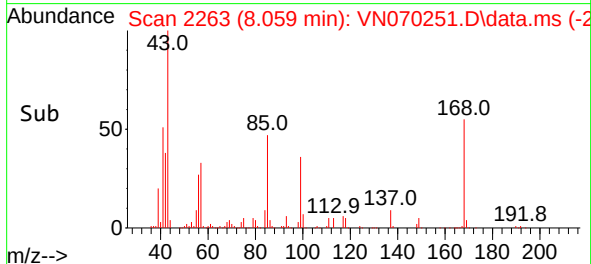


#31
Cyclohexane
Concen: 9.959 ug/l
RT: 8.059 min Scan# 21
Delta R.T. -0.035 min
Lab File: VN070251.D
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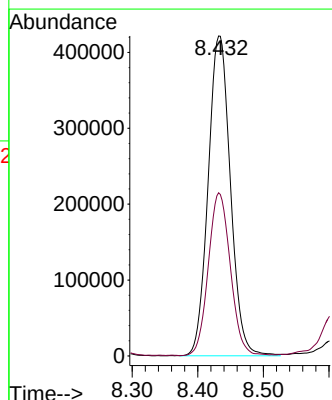
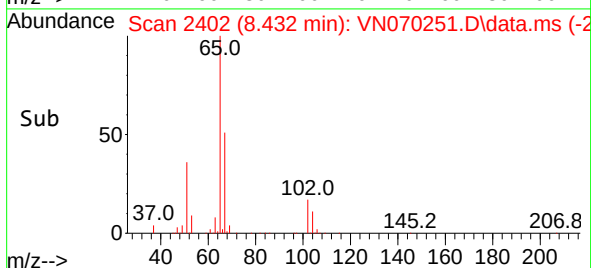
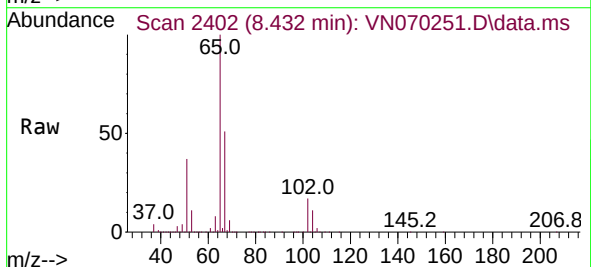


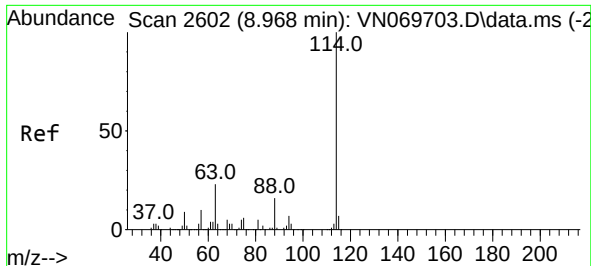
Tgt Ion: 56 Resp: 268987
Ion Ratio Lower Upper
56 100
69 12.9 27.1 40.7#
84 34.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.184 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

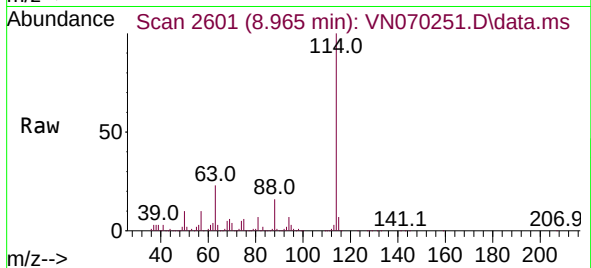
Tgt Ion: 65 Resp: 993437
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0



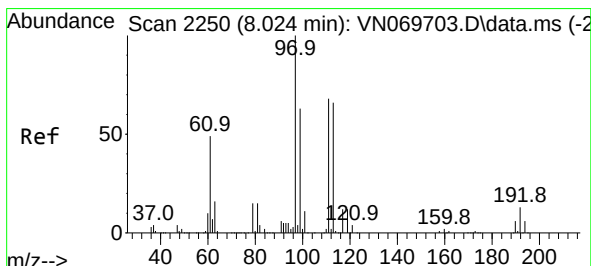
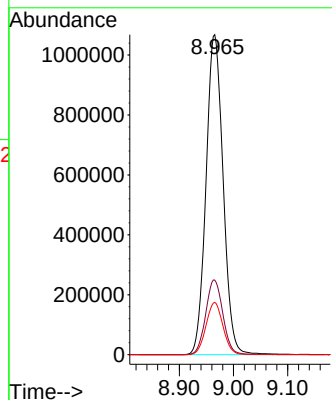
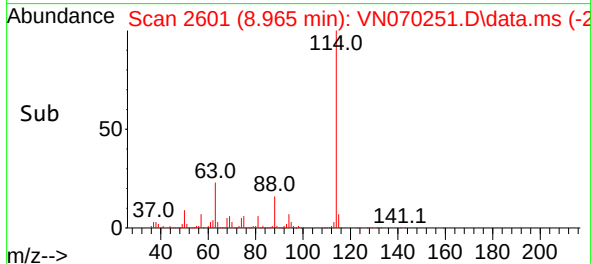


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :

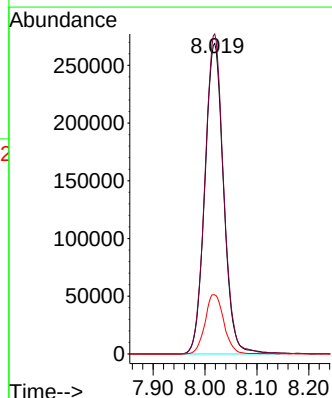
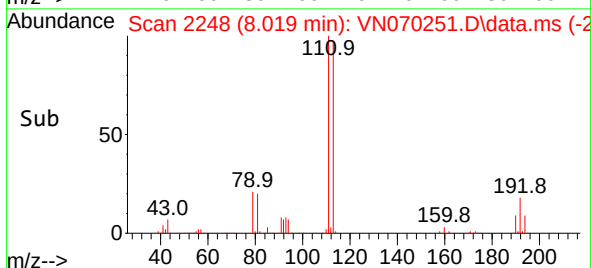
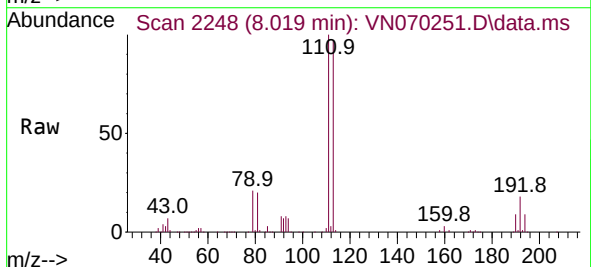


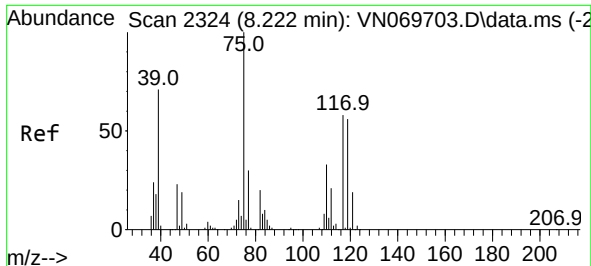
Tgt Ion:114 Resp: 2344660
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.913 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

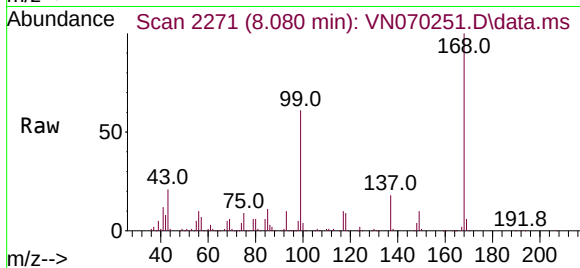
Tgt Ion:113 Resp: 674293
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.2 16.9 25.3



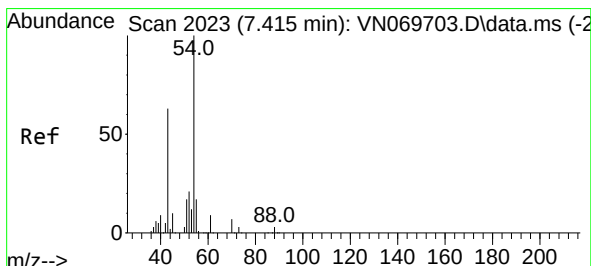
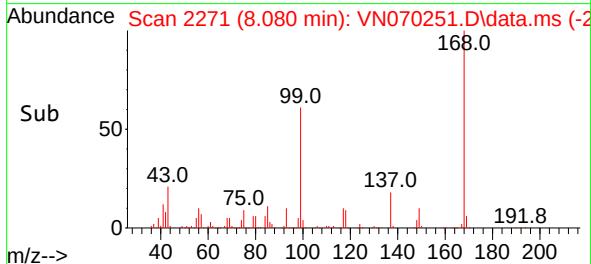
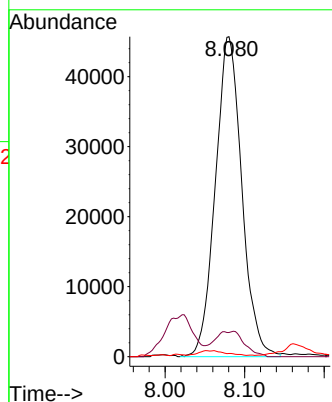


#36
 1,1-Dichloropropene
 Concen: 4.725 ug/l
 RT: 8.080 min Scan# 21
 Delta R.T. -0.142 min
 Lab File: VN070251.D
 Acq: 20 Dec 2021 19:43

Instrument :
 MSVOA_N
 ClientSampleId :

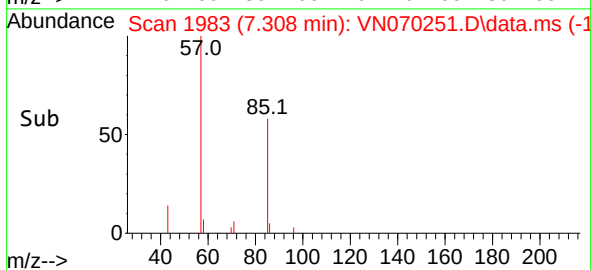
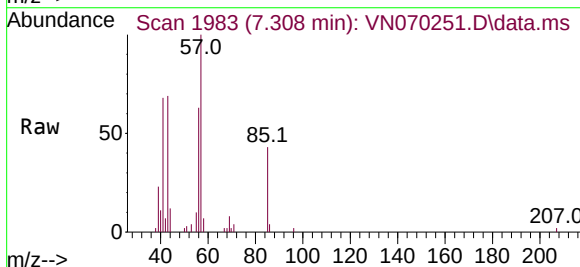
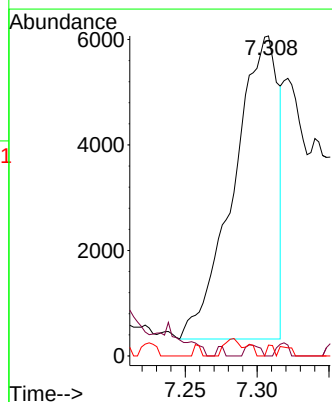


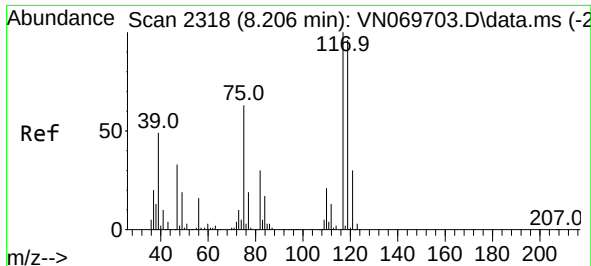
Tgt Ion: 75 Resp: 105471
 Ion Ratio Lower Upper
 75 100
 110 1.7 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.372 ug/l
 RT: 7.308 min Scan# 1983
 Delta R.T. -0.107 min
 Lab File: VN070251.D
 Acq: 20 Dec 2021 19:43

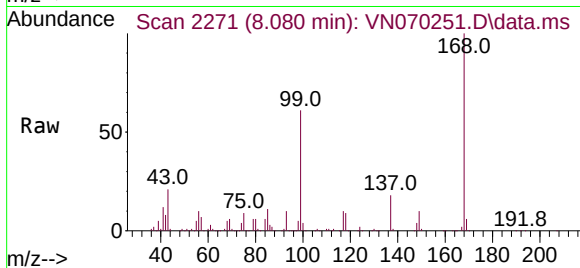
Tgt Ion: 43 Resp: 12348
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.5 7.9 11.9#



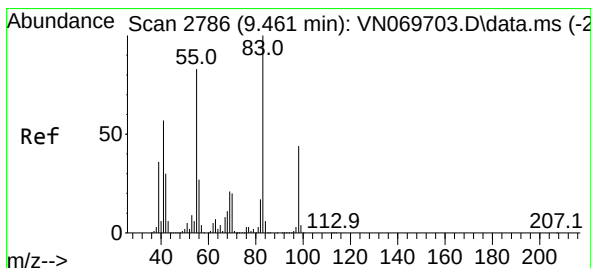
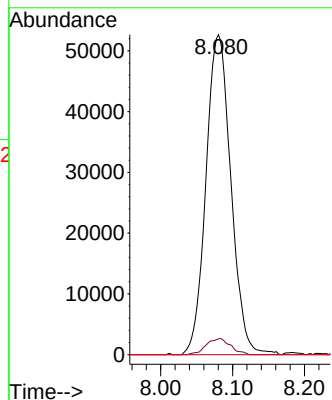
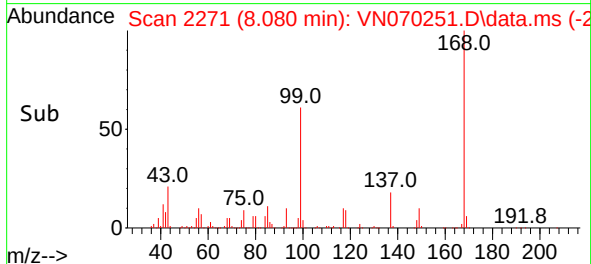


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.126 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :

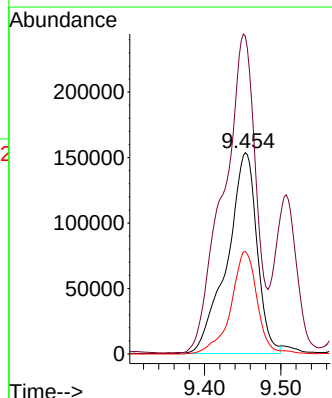
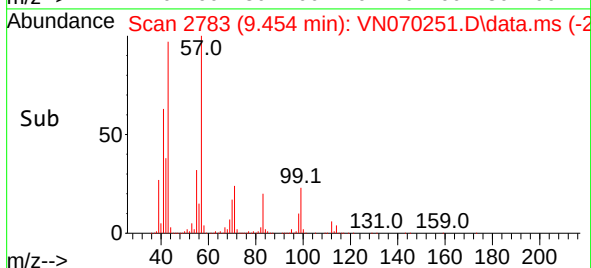
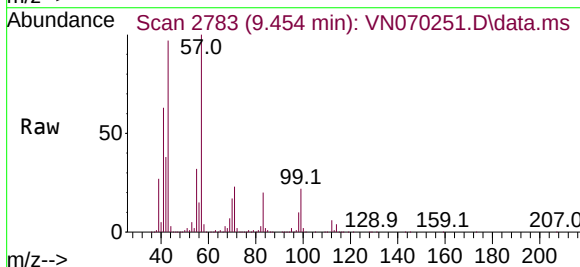


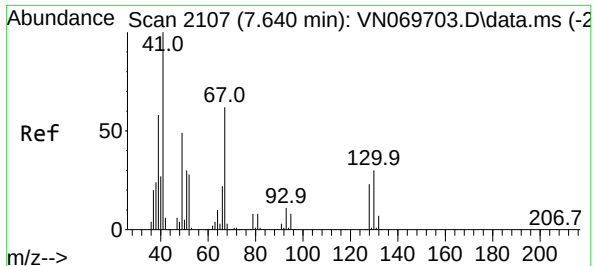
Tgt Ion:117 Resp: 127041
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 15.667 ug/l
RT: 9.454 min Scan# 2783
Delta R.T. -0.008 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

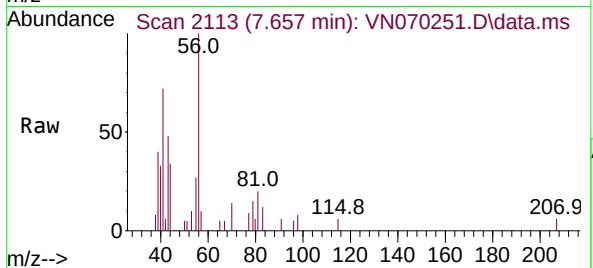
Tgt Ion: 83 Resp: 415959
Ion Ratio Lower Upper
83 100
55 157.5 58.1 87.1#
98 51.0 38.4 57.6



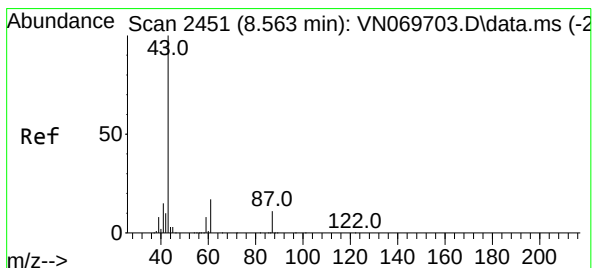
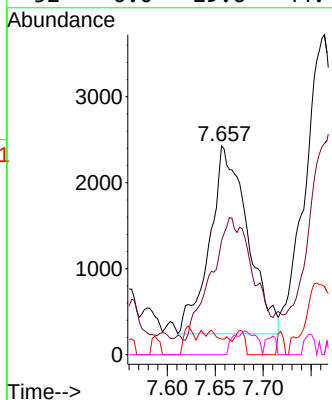
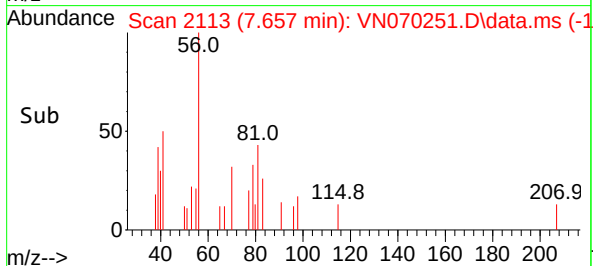


#41
Methacrylonitrile
Concen: 0.386 ug/l
RT: 7.657 min Scan# 2107
Delta R.T. 0.017 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :

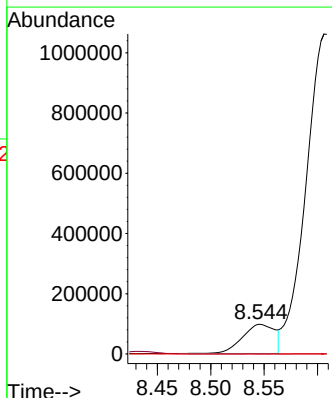
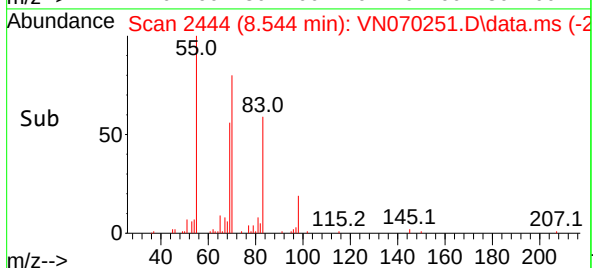
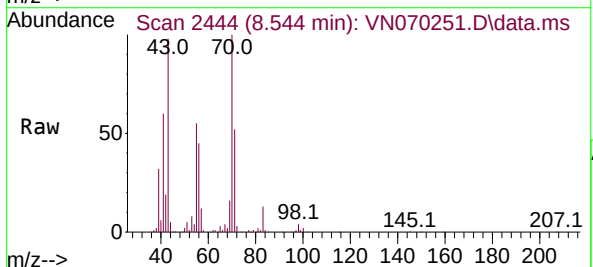


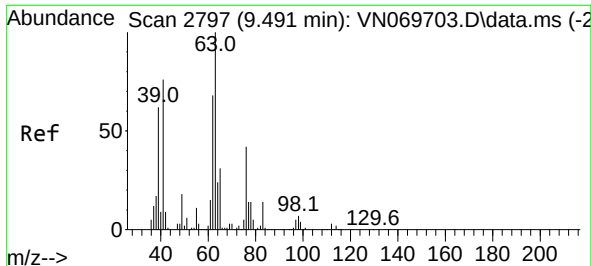
Tgt Ion:	41	Resp:	6017
Ion	Ratio	Lower	Upper
41	100		
39	43.2	48.1	72.1#
67	0.0	68.3	102.5#
52	0.0	29.6	44.4#



#43
Isopropyl Acetate
Concen: 4.211 ug/l
RT: 8.544 min Scan# 2444
Delta R.T. -0.019 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion:	43	Resp:	207022
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.4	30.6#
87	0.0	11.2	16.8#





#45

1,2-Dichloropropane

Concen: 0.302 ug/l

RT: 9.510 min Scan# 21

Delta R.T. 0.019 min

Lab File: VN070251.D

Acq: 20 Dec 2021 19:43

Instrument :

MSVOA_N

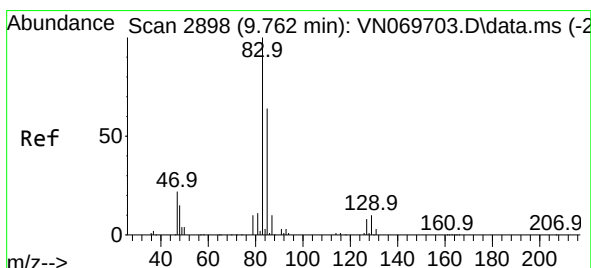
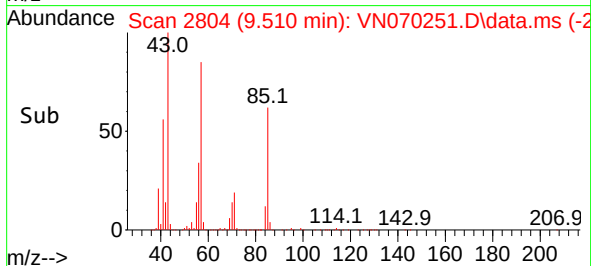
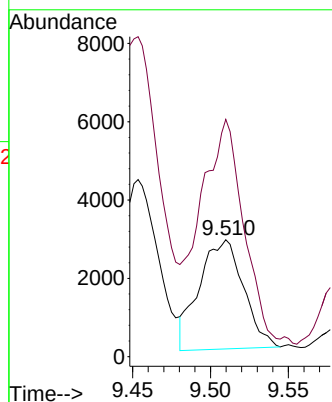
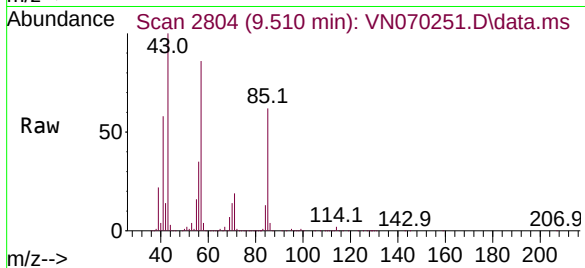
ClientSampleId :

Tgt Ion: 63 Resp: 5531

Ion Ratio Lower Upper

63 100

65 204.7 24.7 37.1#



#47

Bromodichloromethane

Concen: 3.680 ug/l

RT: 9.740 min Scan# 2890

Delta R.T. -0.021 min

Lab File: VN070251.D

Acq: 20 Dec 2021 19:43

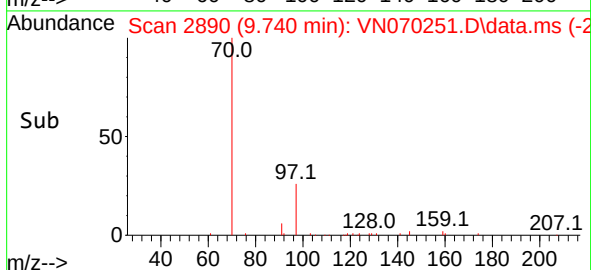
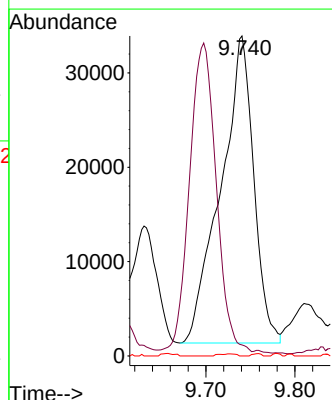
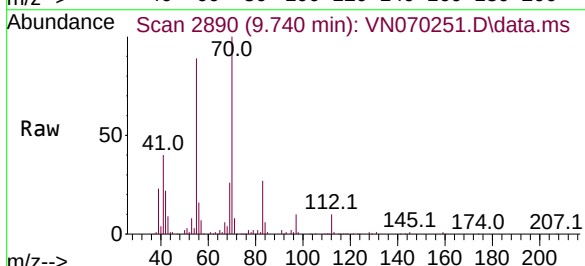
Tgt Ion: 83 Resp: 83711

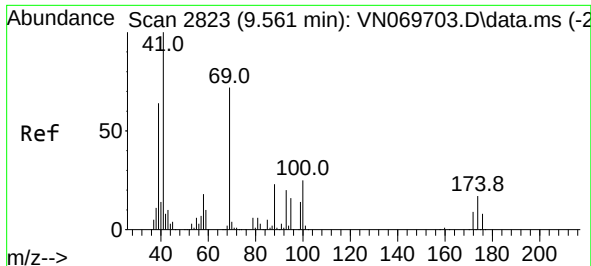
Ion Ratio Lower Upper

83 100

85 2.6 50.9 76.3#

127 0.0 7.1 10.7#

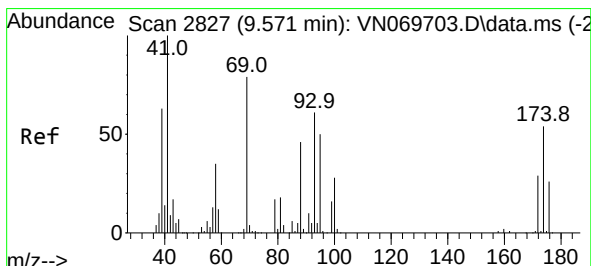
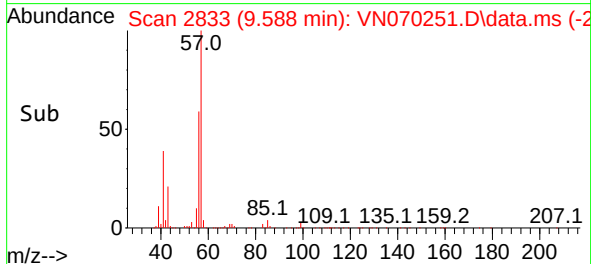
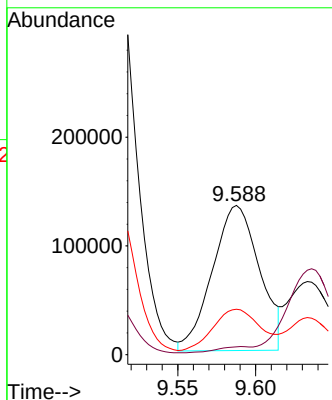
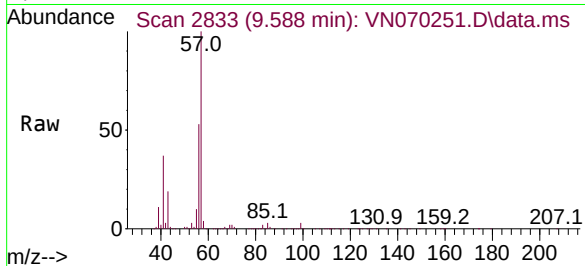




#48
Methyl methacrylate
Concen: 12.246 ug/l
RT: 9.588 min Scan# 2833
Delta R.T. 0.027 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

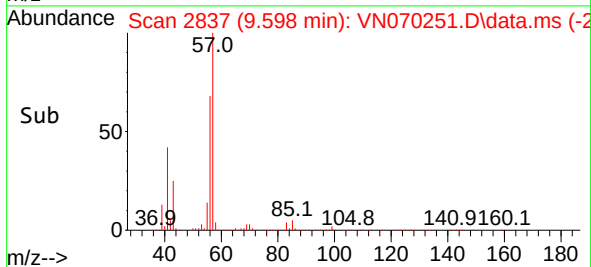
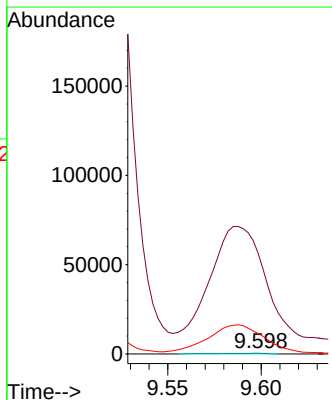
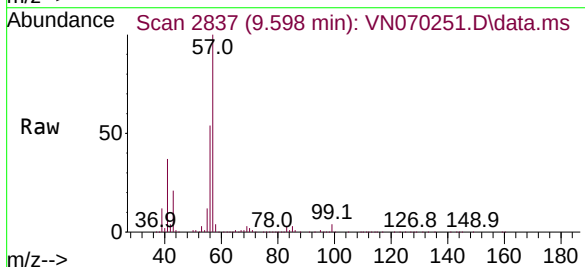
Instrument :
MSVOA_N
ClientSampleId :

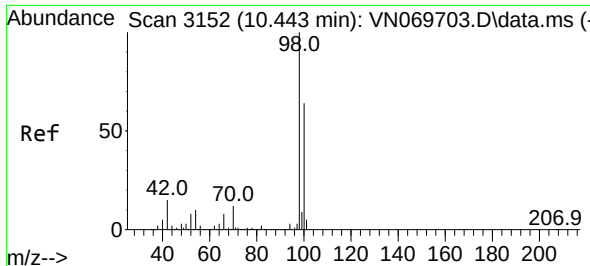
Tgt Ion: 41 Resp: 280947
Ion Ratio Lower Upper
41 100
69 3.1 72.4 108.6#
39 30.5 58.4 87.6#



#49
1,4-Dioxane
Concen: 1.547 ug/l
RT: 9.598 min Scan# 2837
Delta R.T. 0.027 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 88 Resp: 637
Ion Ratio Lower Upper
88 100
43 25595.8 23.4 35.2#
58 5503.1 50.6 75.8#

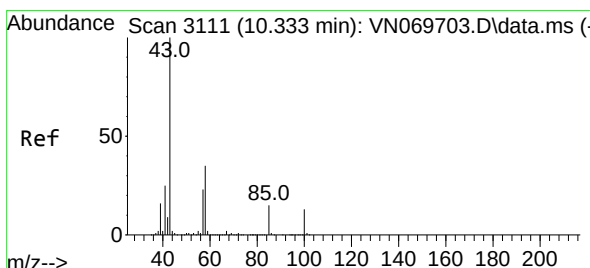
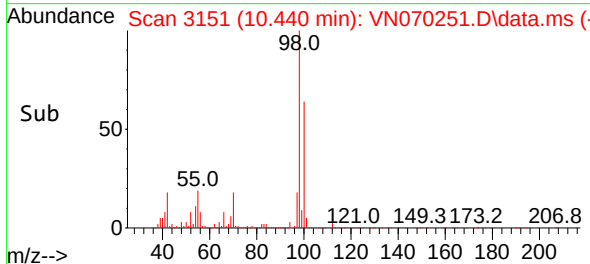
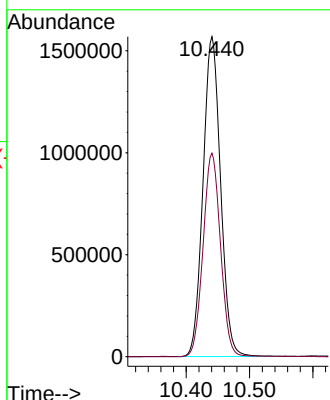
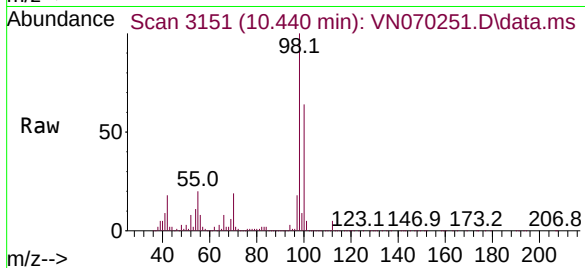




#50
Toluene-d8
Concen: 51.272 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

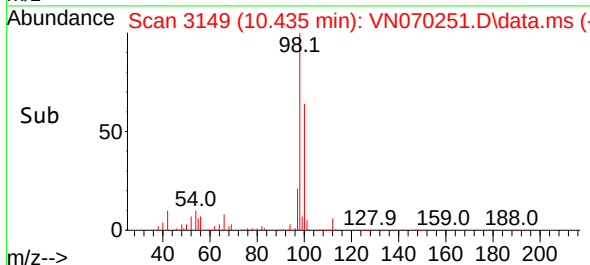
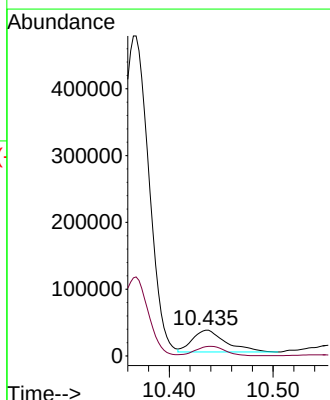
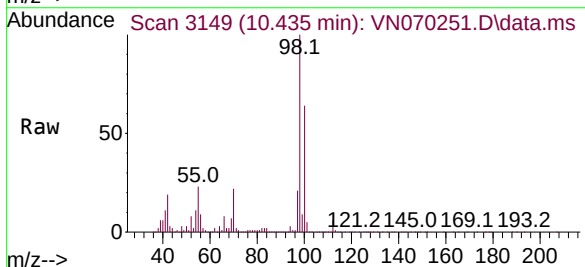
Instrument :
MSVOA_N
ClientSampleId :

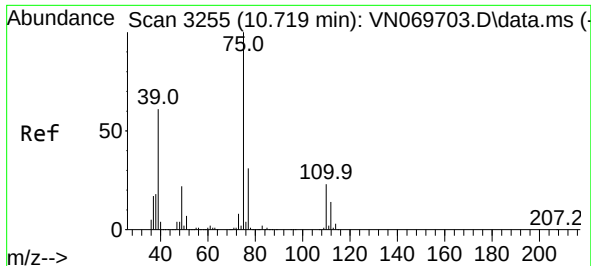
Tgt Ion: 98 Resp: 3023568
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 2.308 ug/l
RT: 10.435 min Scan# 3149
Delta R.T. 0.102 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 43 Resp: 73615
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

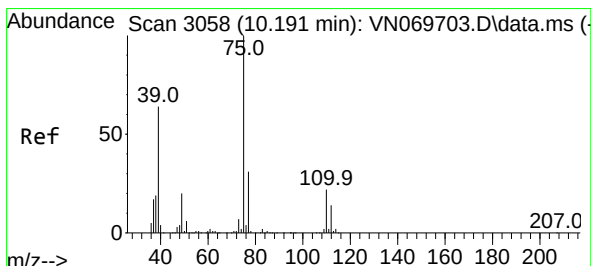
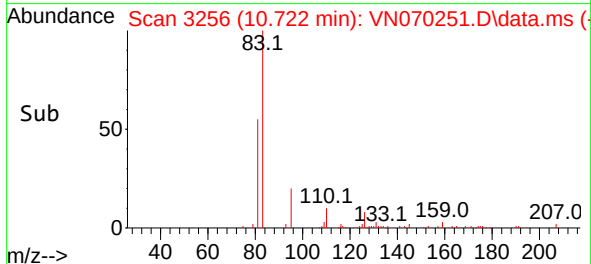
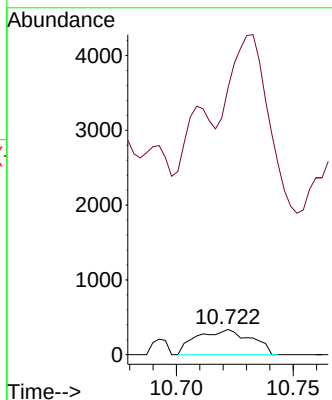
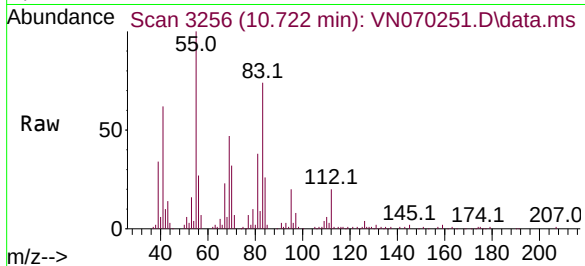




#53
t-1,3-Dichloropropene
Concen: 2.813 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

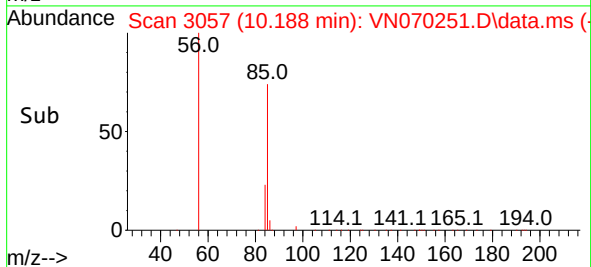
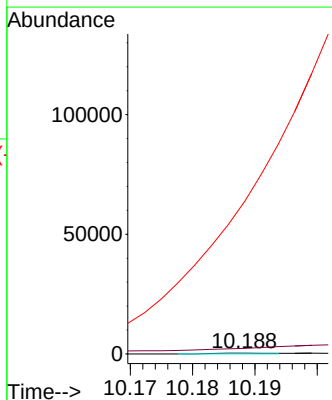
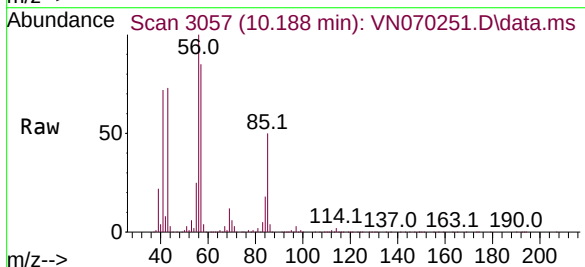
Instrument :
MSVOA_N
ClientSampleId :

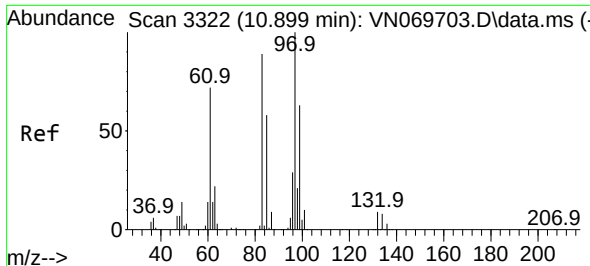
Tgt Ion: 75 Resp: 541
Ion Ratio Lower Upper
75 100
77 331.3 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.006 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 75 Resp: 223
Ion Ratio Lower Upper
75 100
77 271.3 26.4 39.6#
39 10218.0 42.5 63.7#

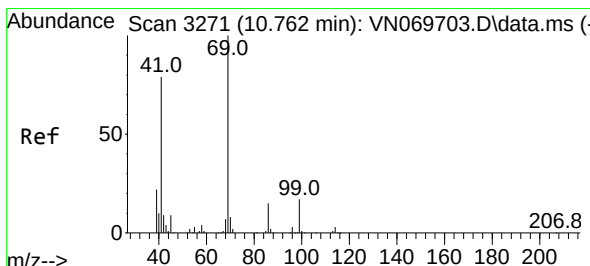
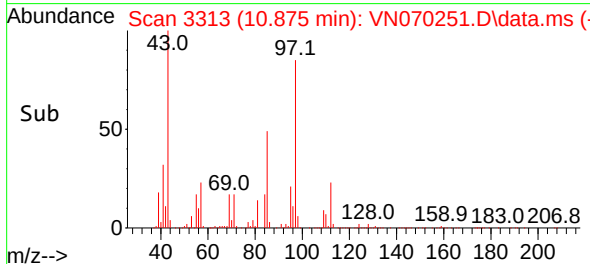
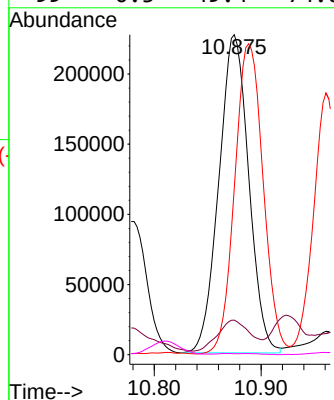
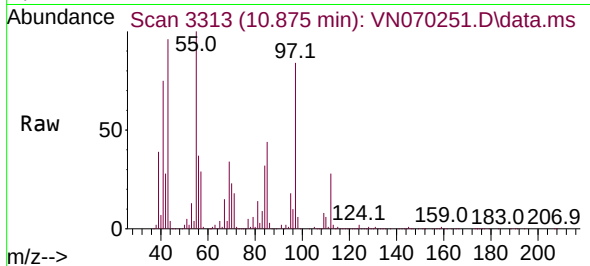




#55
1,1,2-Trichloroethane
Concen: 26.193 ug/l
RT: 10.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

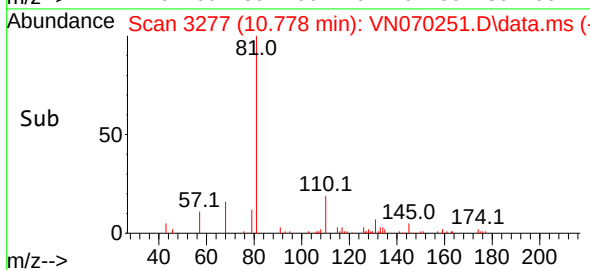
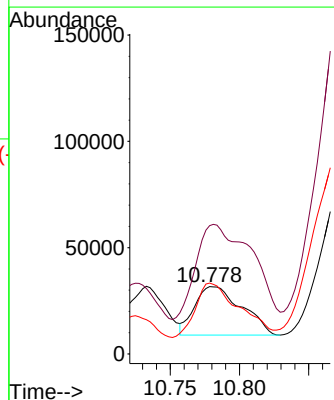
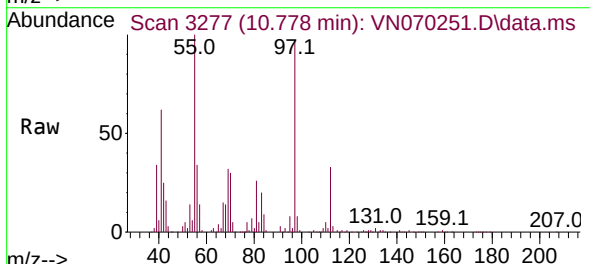
Instrument :
MSVOA_N
ClientSampleId :

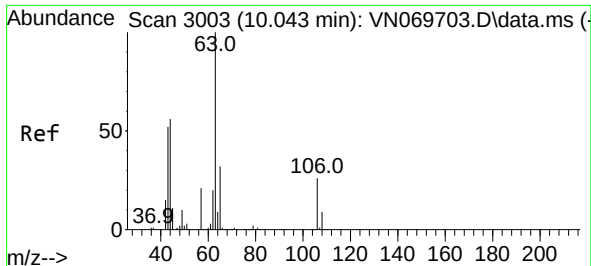
Tgt Ion: 97 Resp: 440202
Ion Ratio Lower Upper
97 100
83 9.1 67.8 101.6#
85 51.9 45.4 68.2
99 0.3 49.4 74.0#



#56
Ethyl methacrylate
Concen: 3.903 ug/l
RT: 10.778 min Scan# 3277
Delta R.T. 0.016 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 69 Resp: 53941
Ion Ratio Lower Upper
69 100
41 268.9 51.4 77.0#
39 123.1 34.6 52.0#

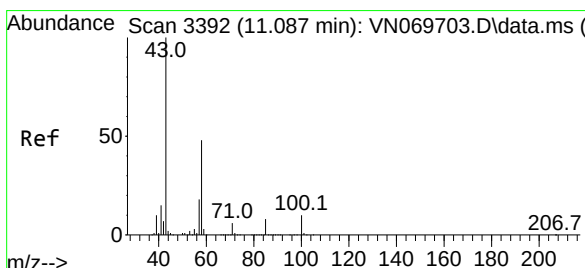
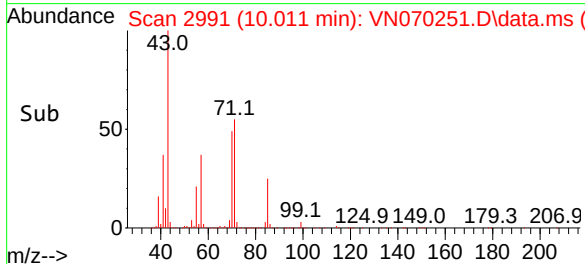
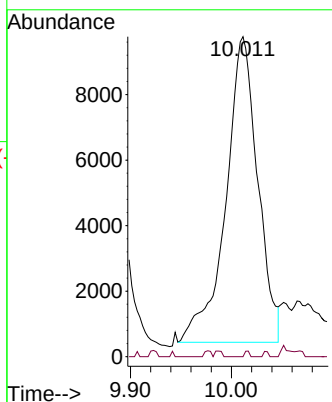
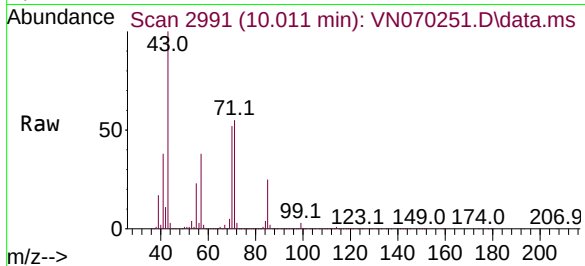




#58
2-Chloroethyl Vinyl ether
Concen: 20.605 ug/l
RT: 10.011 min Scan# 2991
Delta R.T. -0.032 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

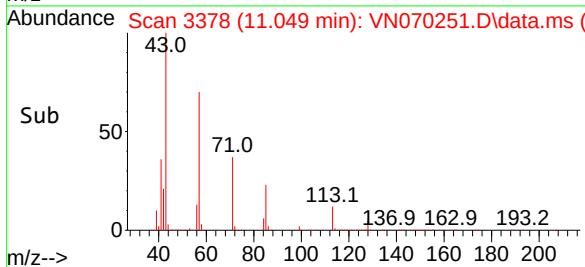
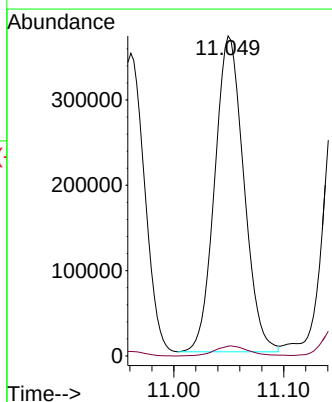
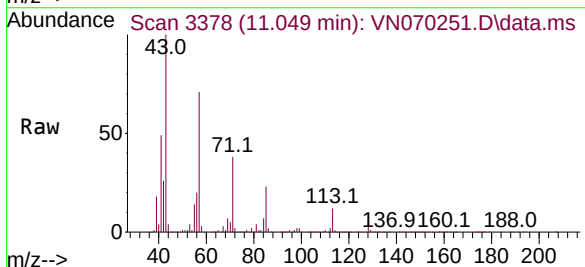
Instrument :
MSVOA_N
ClientSampleId :

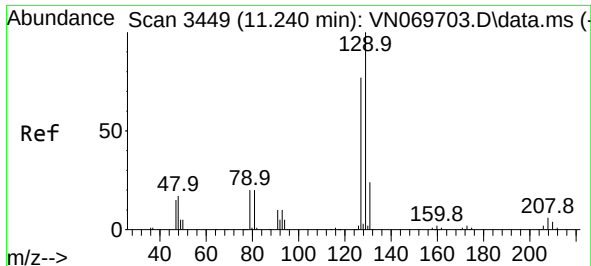
Tgt Ion: 63 Resp: 20484
Ion Ratio Lower Upper
63 100
106 0.3 23.9 35.9#



#59
2-Hexanone
Concen: 28.204 ug/l
RT: 11.049 min Scan# 3378
Delta R.T. -0.038 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 43 Resp: 680443
Ion Ratio Lower Upper
43 100
58 3.8 26.9 80.7#

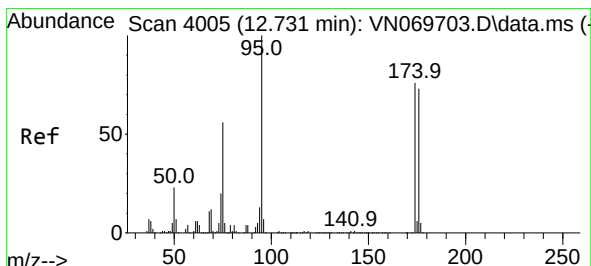
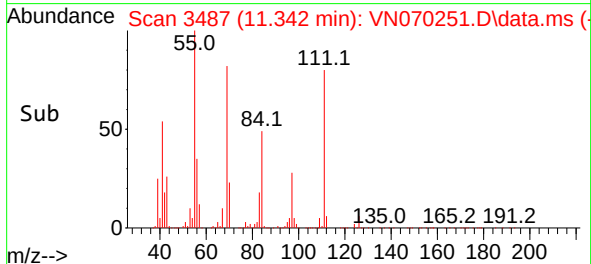
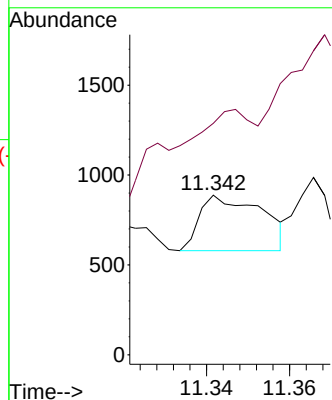
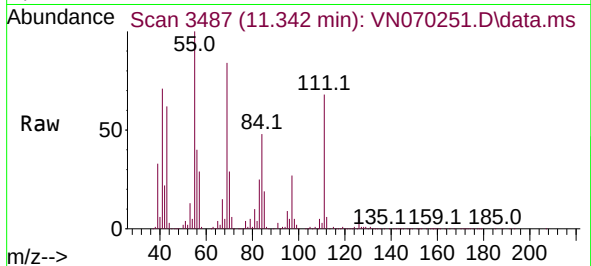




#60
Dibromochloromethane
Concen: 2.393 ug/l
RT: 11.342 min Scan# 3449
Delta R.T. 0.102 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

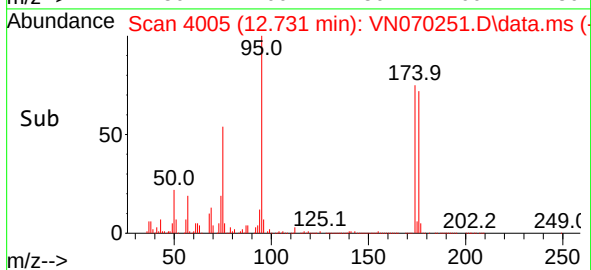
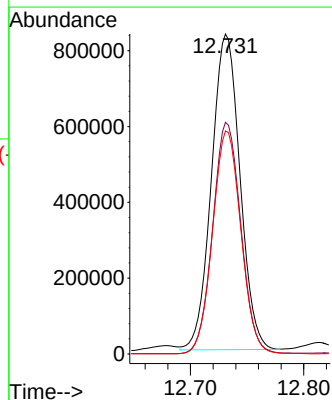
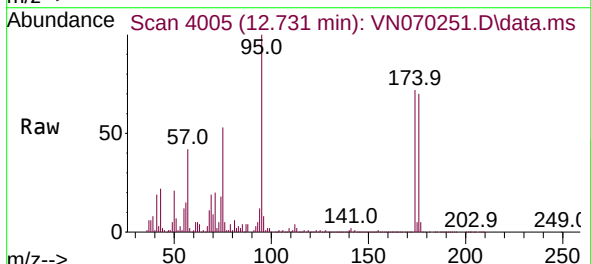
Instrument :
MSVOA_N
ClientSampleId :

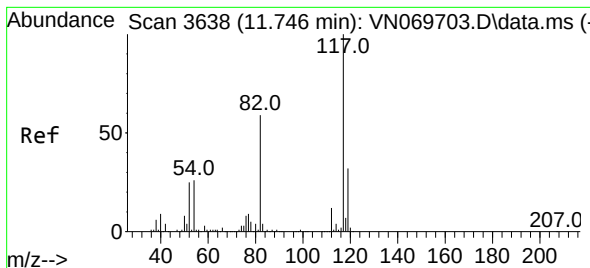
Tgt Ion:129 Resp: 321
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 68.020 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 95 Resp: 1453168
Ion Ratio Lower Upper
95 100
174 72.5 0.0 187.2
176 70.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN070251.D

Acq: 20 Dec 2021 19:43

Instrument :

MSVOA_N

ClientSampleId :

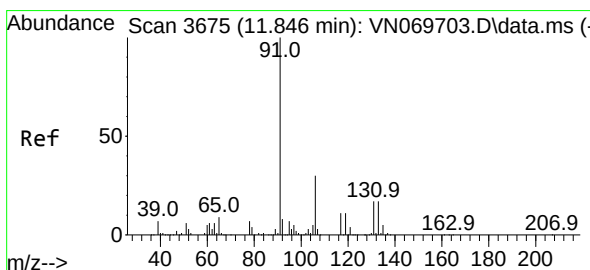
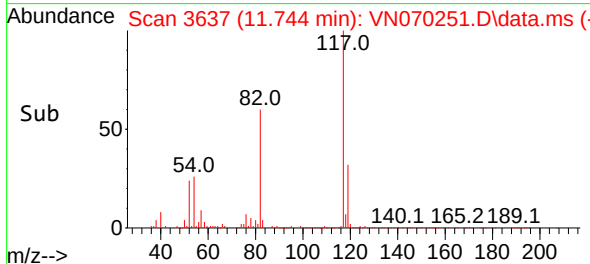
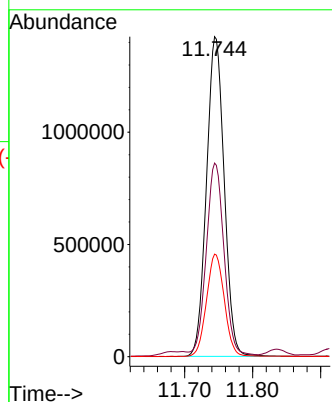
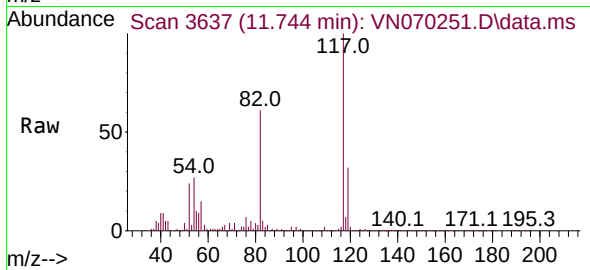
Tgt Ion:117 Resp: 2578894

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 32.0 25.4 38.2



#67

Ethyl Benzene

Concen: 2.143 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070251.D

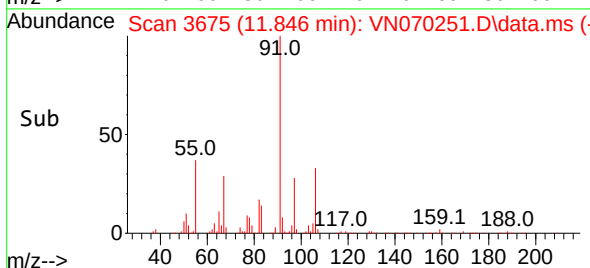
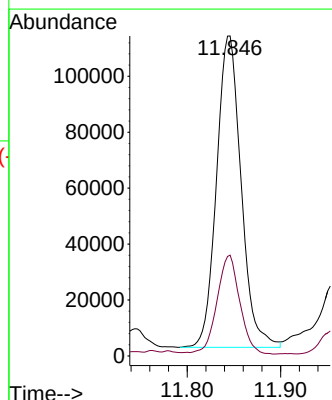
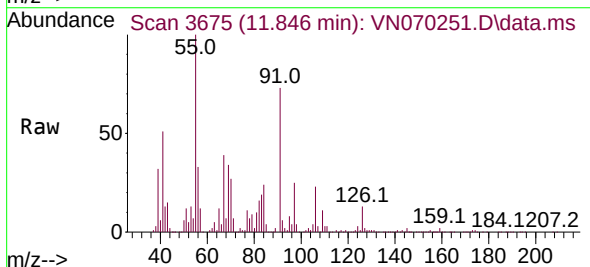
Acq: 20 Dec 2021 19:43

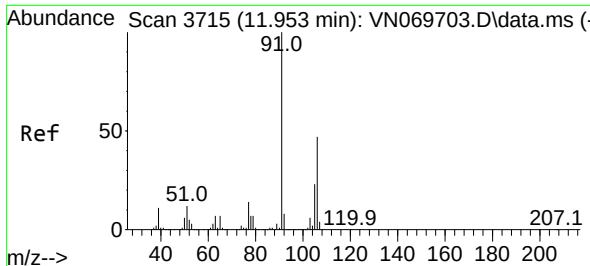
Tgt Ion: 91 Resp: 203666

Ion Ratio Lower Upper

91 100

106 31.7 25.7 38.5

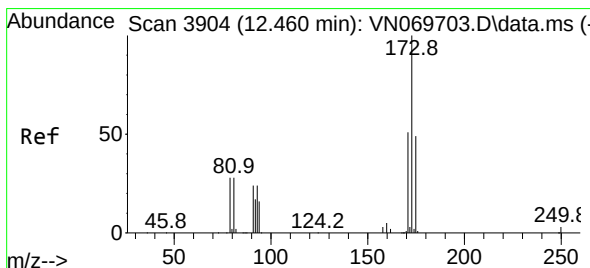
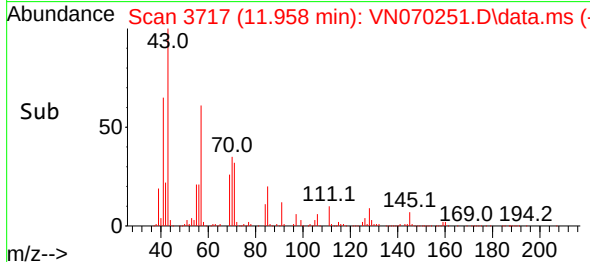
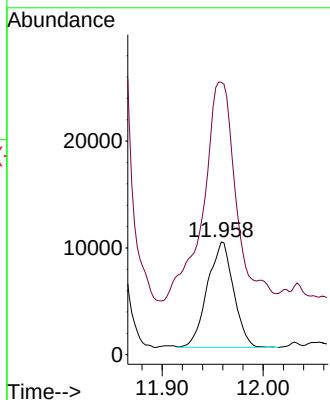
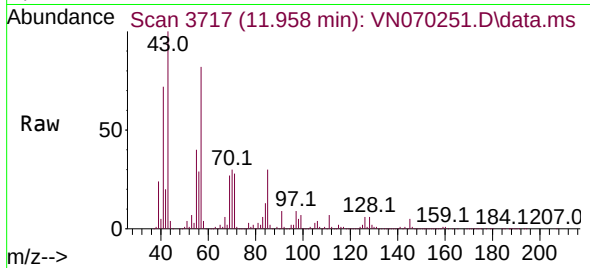




#68
m/p-Xylenes
Concen: 0.516 ug/l
RT: 11.958 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

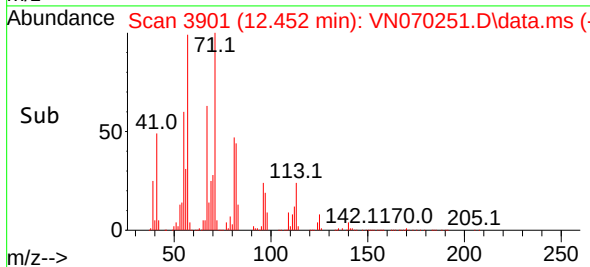
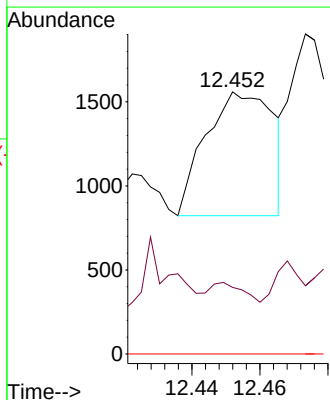
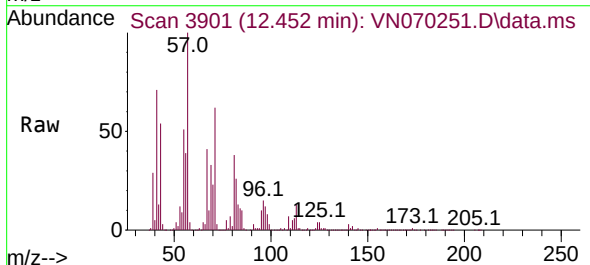
Instrument :
MSVOA_N
ClientSampleId :

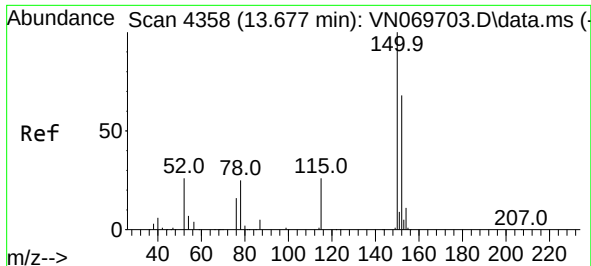
Tgt Ion:106 Resp: 17866
Ion Ratio Lower Upper
106 100
91 248.0 160.6 240.8#



#71
Bromoform
Concen: 2.791 ug/l
RT: 12.452 min Scan# 3901
Delta R.T. -0.008 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion:173 Resp: 1008
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

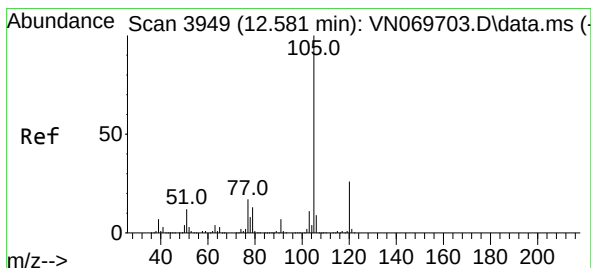
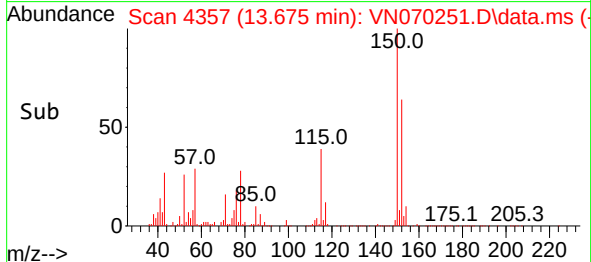
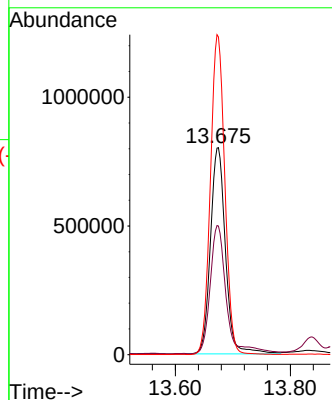
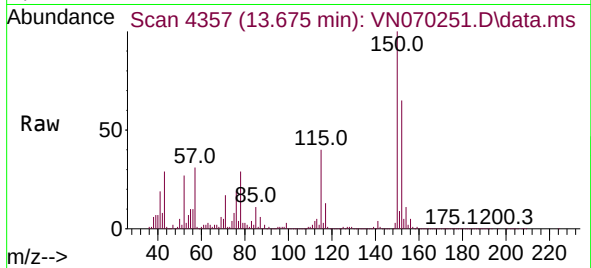




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

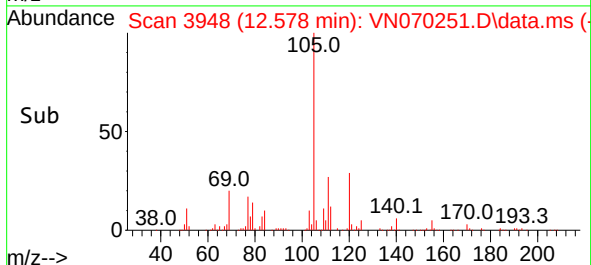
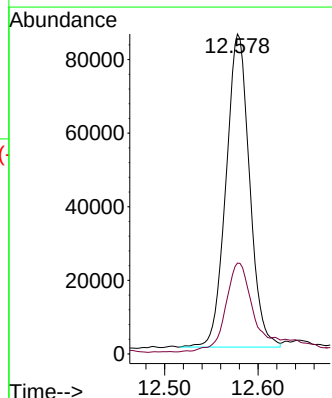
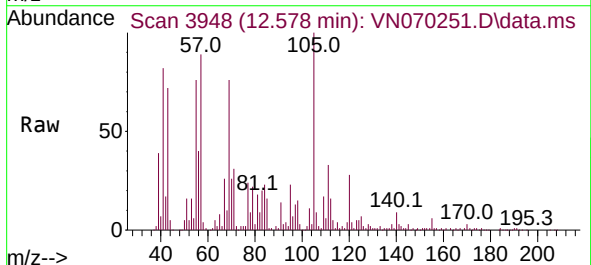
Instrument :
MSVOA_N
ClientSampleId :

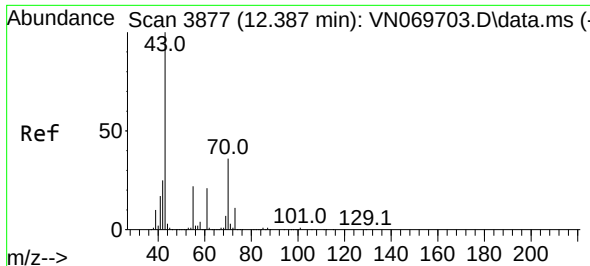
Tgt Ion:152 Resp: 1456839
Ion Ratio Lower Upper
152 100
115 66.5 27.5 82.5
150 147.8 0.0 344.4



#73
Isopropylbenzene
Concen: 1.151 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

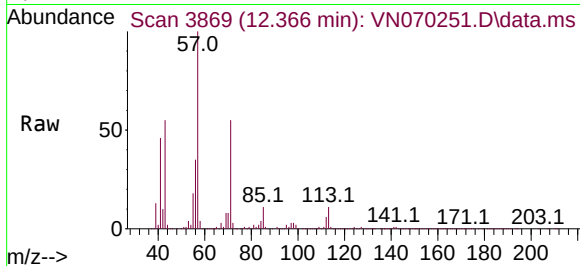
Tgt Ion:105 Resp: 149210
Ion Ratio Lower Upper
105 100
120 31.8 13.4 40.1



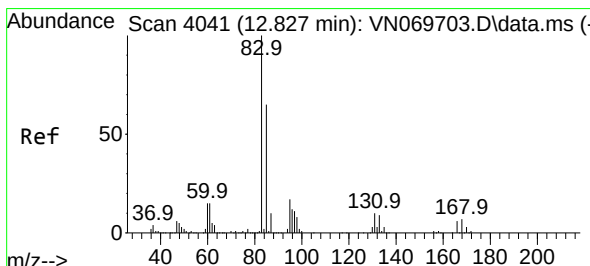
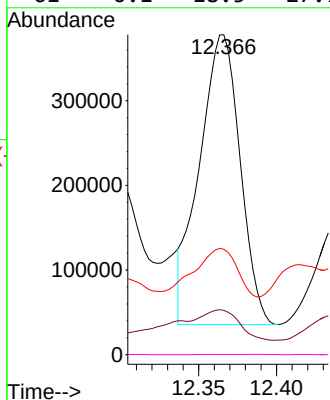
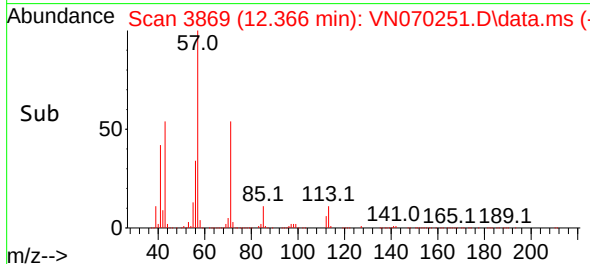


#74
N-amy1 acetate
Concen: 10.870 ug/l
RT: 12.366 min Scan# 3869
Delta R.T. -0.021 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

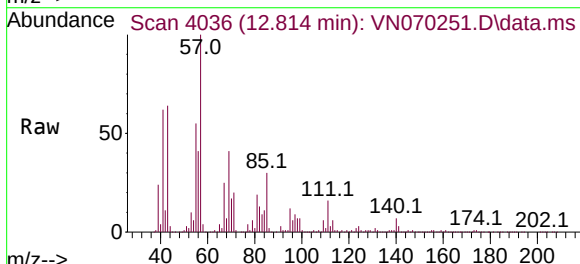
Instrument :
MSVOA_N
ClientSampleId :



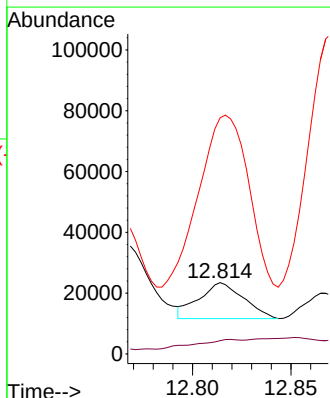
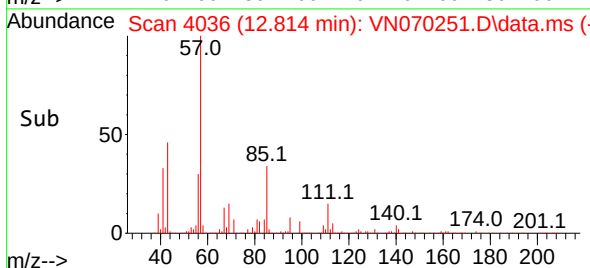
Tgt Ion: 43 Resp: 623073
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 16.8 19.3 28.9#
61 0.1 18.5 27.7#

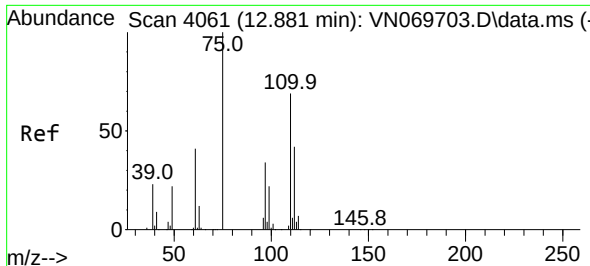


#75
1,1,2,2-Tetrachloroethane
Concen: 0.416 ug/l
RT: 12.814 min Scan# 4036
Delta R.T. -0.013 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43



Tgt Ion: 83 Resp: 18666
Ion Ratio Lower Upper
83 100
131 26.2 5.5 16.5#
85 845.5 32.4 97.2#

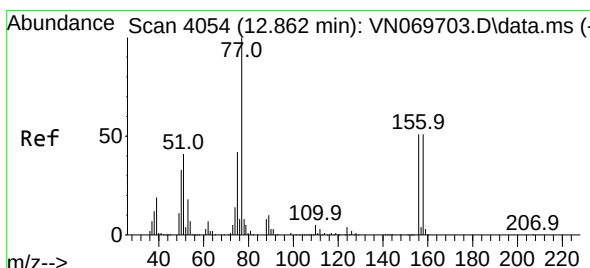
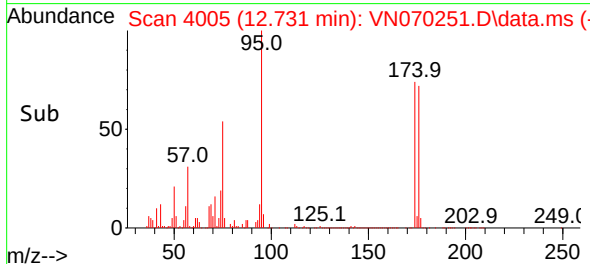
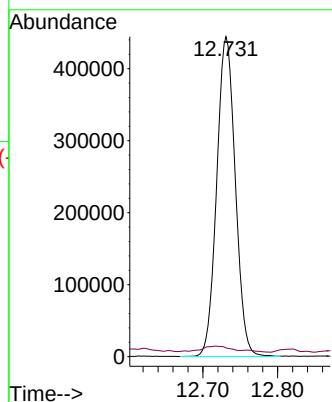
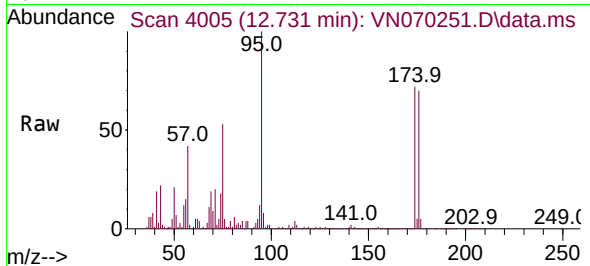




#76
1,2,3-Trichloropropane
Concen: 18.368 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

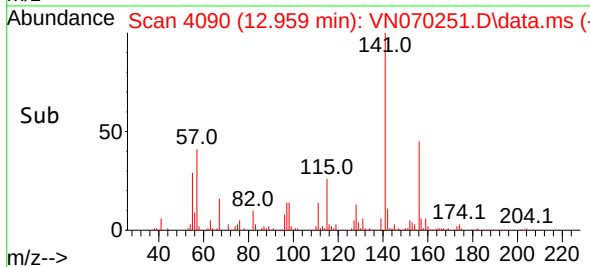
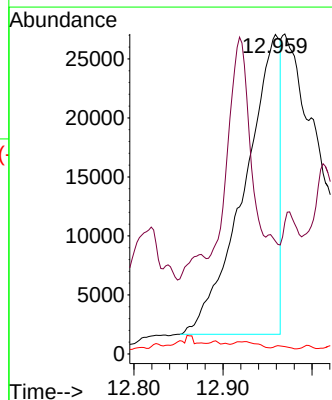
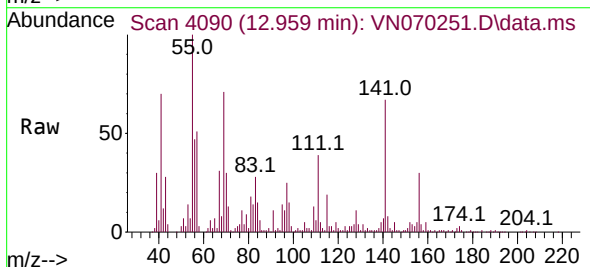
Instrument :
MSVOA_N
ClientSampleId :

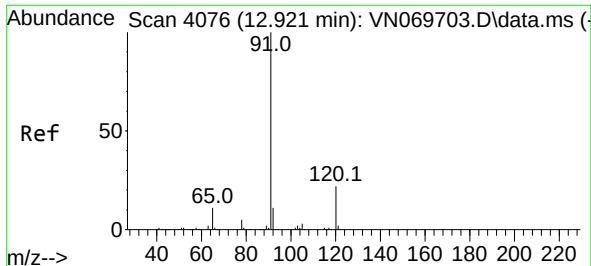
Tgt Ion: 75 Resp: 767401
Ion Ratio Lower Upper
75 100
77 2.0 82.6 247.8#



#77
Bromobenzene
Concen: 2.311 ug/l
RT: 12.959 min Scan# 4090
Delta R.T. 0.097 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion:156 Resp: 70352
Ion Ratio Lower Upper
156 100
77 3.5 90.6 271.8#
158 0.4 48.9 146.7#

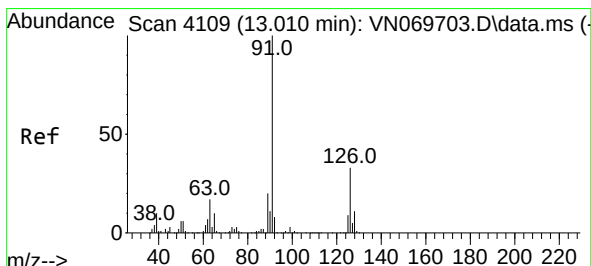
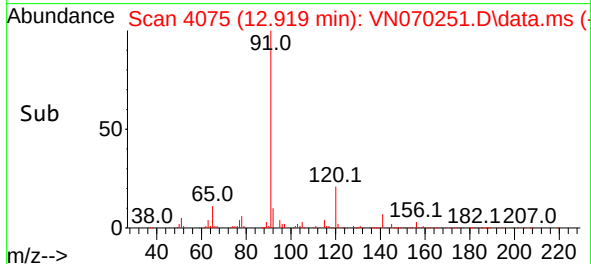
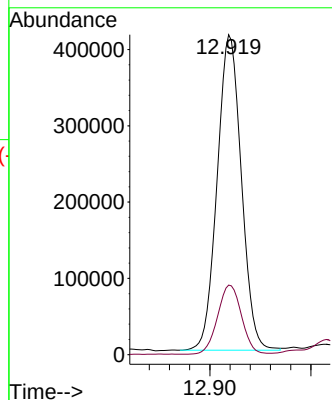
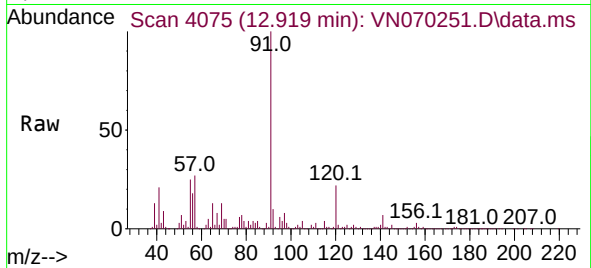




#78
n-propylbenzene
Concen: 4.752 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

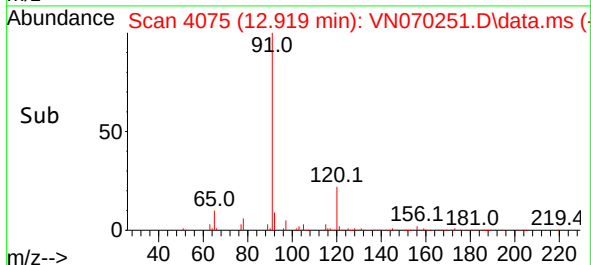
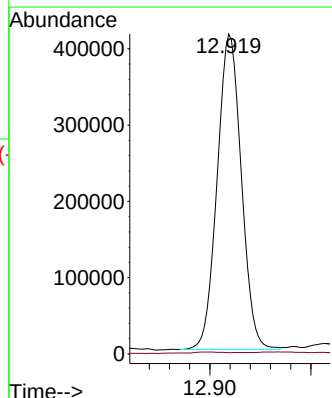
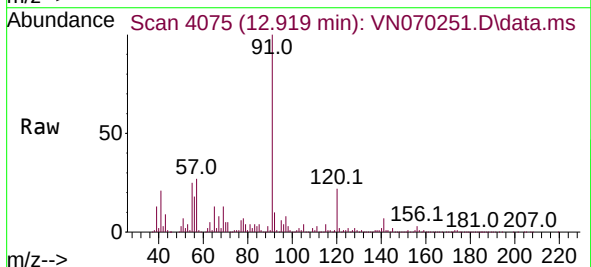
Instrument :
MSVOA_N
ClientSampleId :

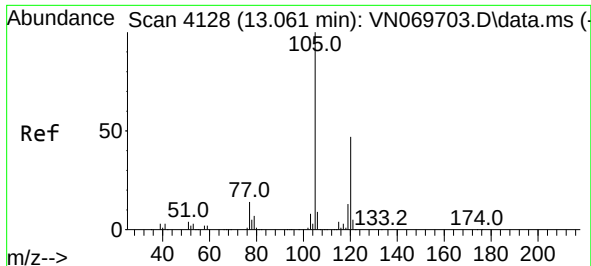
Tgt Ion: 91 Resp: 685391
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#79
2-Chlorotoluene
Concen: 7.520 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.091 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 91 Resp: 685391
Ion Ratio Lower Upper
91 100
126 0.4 18.3 54.8#

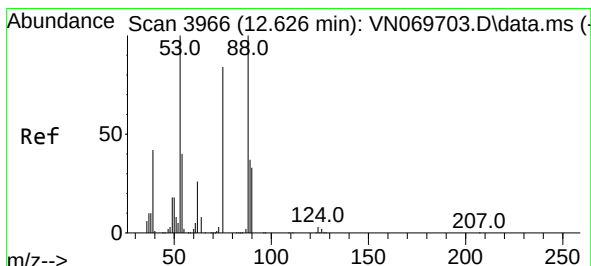
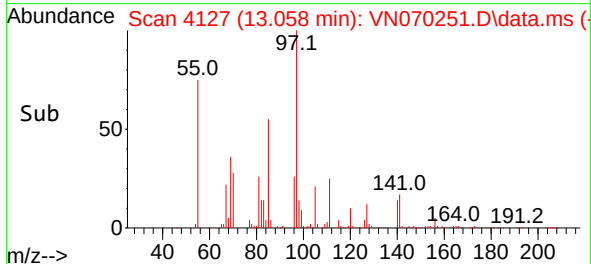
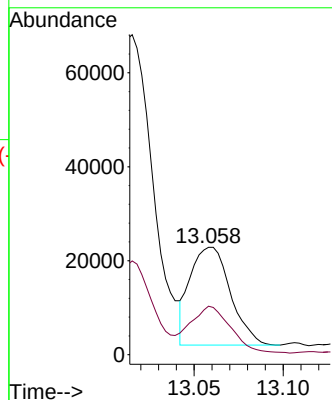
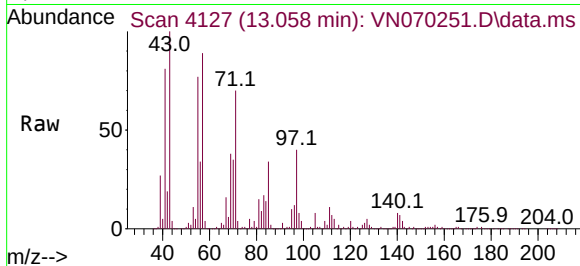




#80
1,3,5-Trimethylbenzene
Concen: 0.314 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

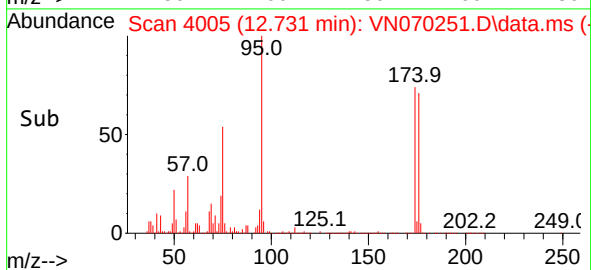
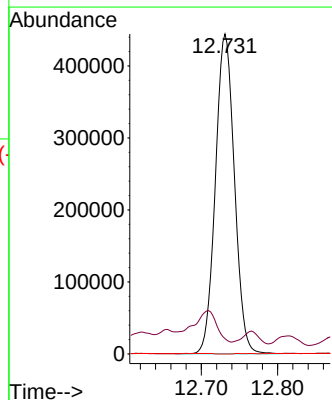
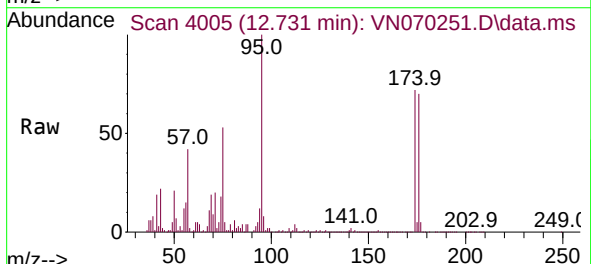
Instrument :
MSVOA_N
ClientSampleId :

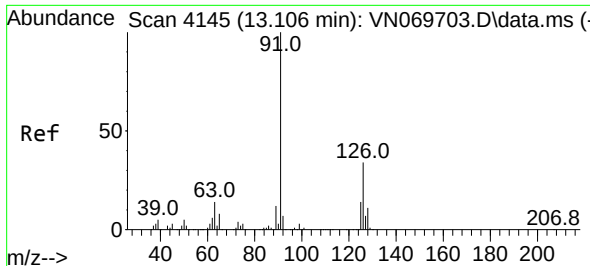
Tgt Ion:105 Resp: 32809
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 59.279 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 75 Resp: 767175
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 38.2 57.4#

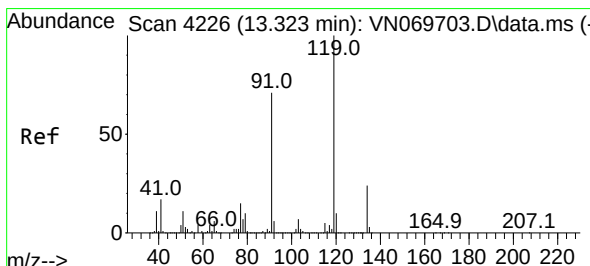
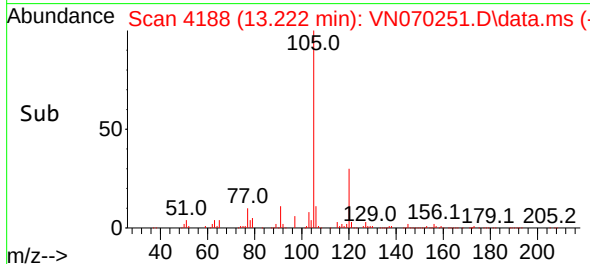
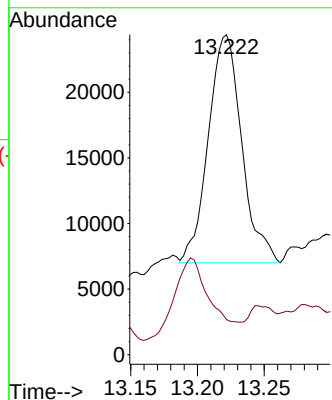
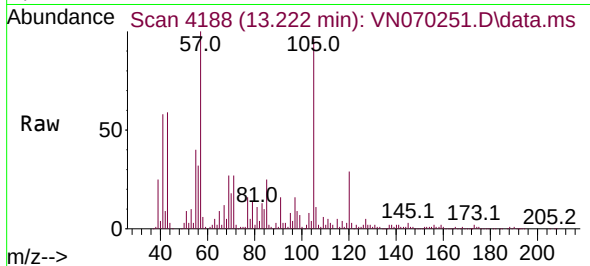




#82
4-Chlorotoluene
Concen: 0.354 ug/l
RT: 13.222 min Scan# 41
Delta R.T. 0.116 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

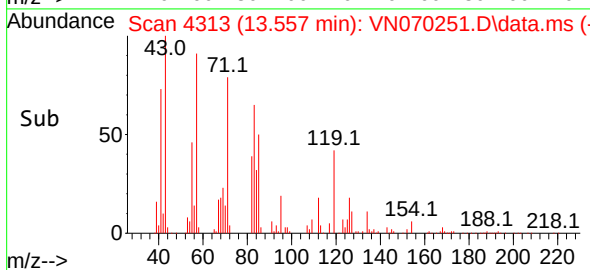
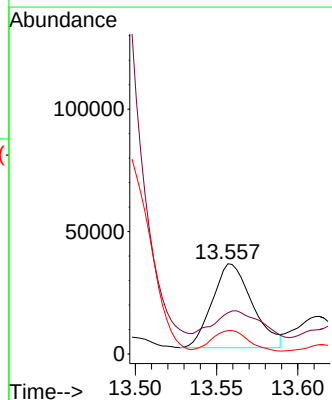
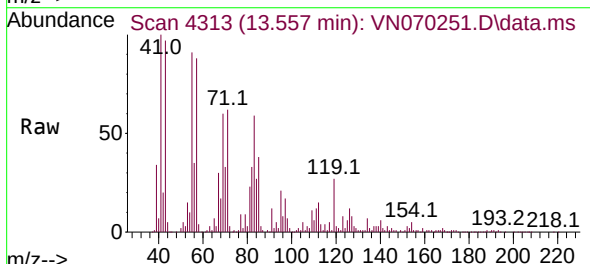
Instrument :
MSVOA_N
ClientSampleId :

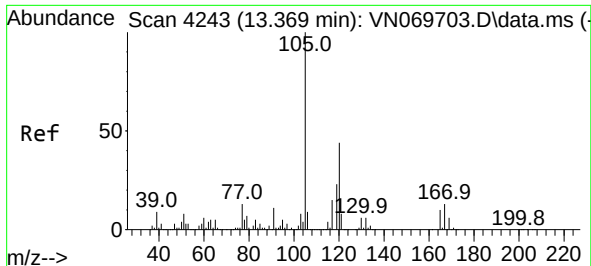
Tgt Ion: 91 Resp: 30352
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 0.634 ug/l
RT: 13.557 min Scan# 4313
Delta R.T. 0.234 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 119 Resp: 58561
Ion Ratio Lower Upper
119 100
91 36.4 31.5 94.5
134 23.0 12.4 37.4

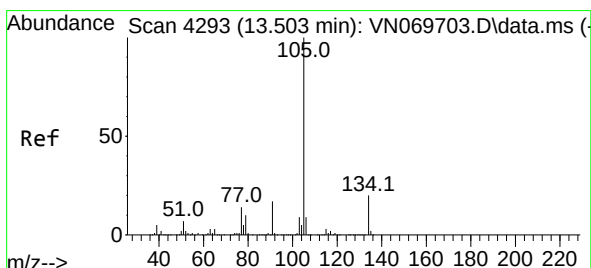
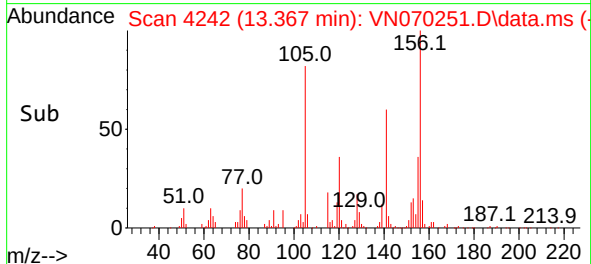
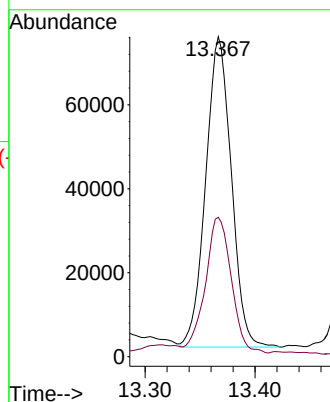
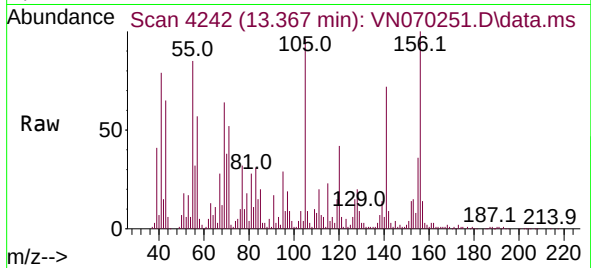




#84
1,2,4-Trimethylbenzene
Concen: 1.206 ug/l
RT: 13.367 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

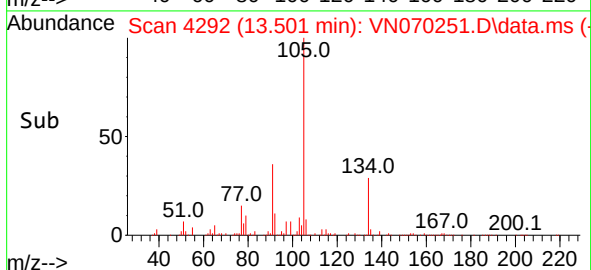
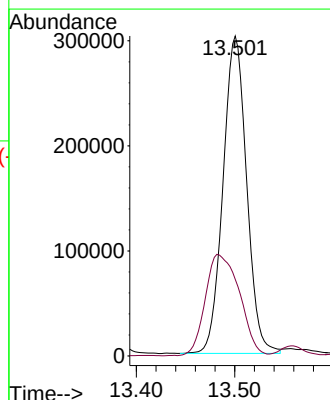
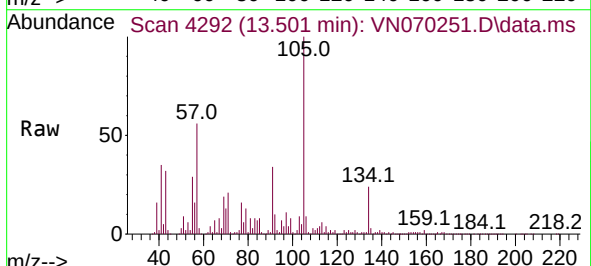
Instrument :
MSVOA_N
ClientSampleId :

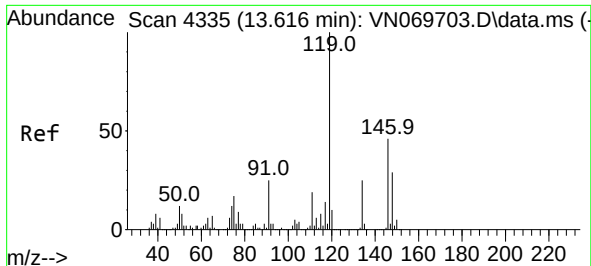
Tgt Ion:105 Resp: 119815
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4



#85
sec-Butylbenzene
Concen: 4.025 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion:105 Resp: 504327
Ion Ratio Lower Upper
105 100
134 46.4 10.4 31.1#

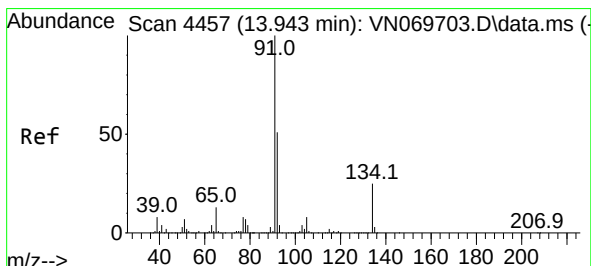
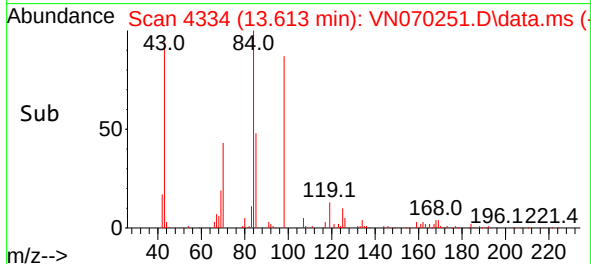
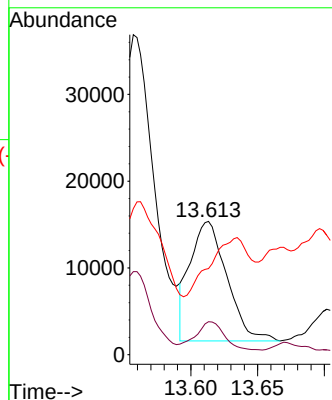
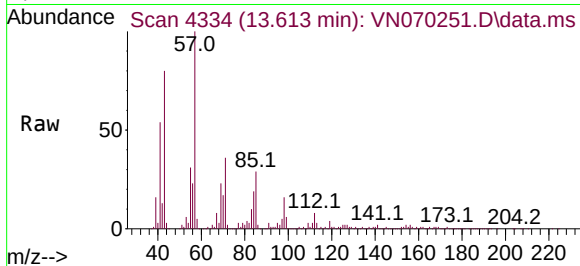




#86
p-Isopropyltoluene
Concen: 0.270 ug/l
RT: 13.613 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

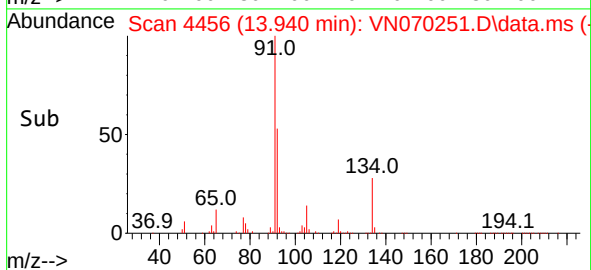
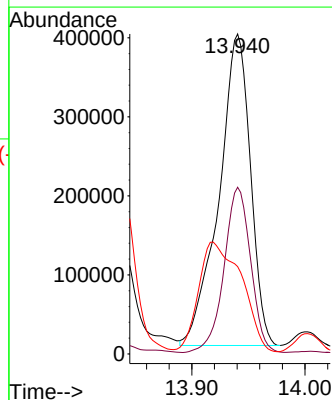
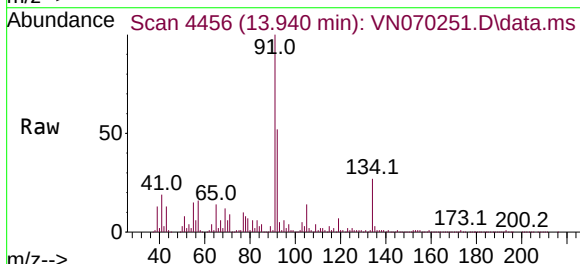
Instrument :
MSVOA_N
ClientSampleId :

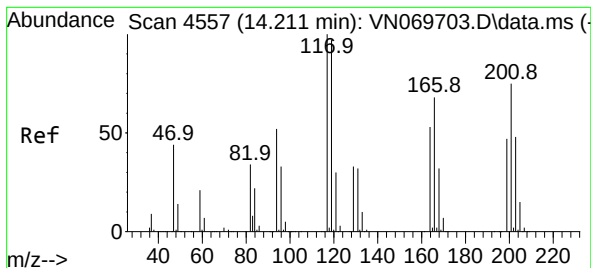
Tgt Ion:119 Resp: 26486
Ion Ratio Lower Upper
119 100
134 0.0 13.6 40.7#
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 9.588 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.002 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

Tgt Ion: 91 Resp: 761814
Ion Ratio Lower Upper
91 100
92 44.8 25.4 76.0
134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 14.065 ug/l

RT: 14.214 min Scan# 41

Delta R.T. 0.003 min

Lab File: VN070251.D

Acq: 20 Dec 2021 19:43

Instrument :

MSVOA_N

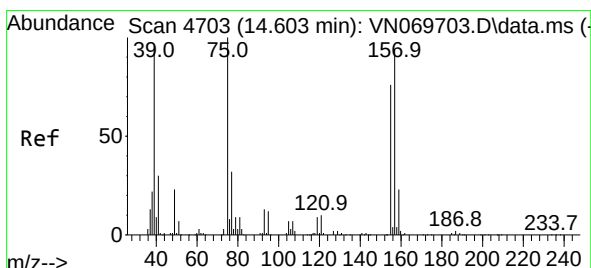
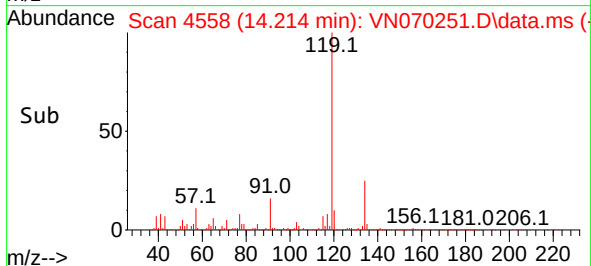
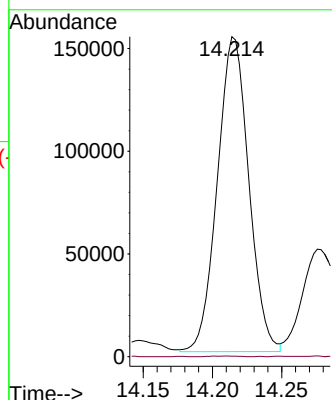
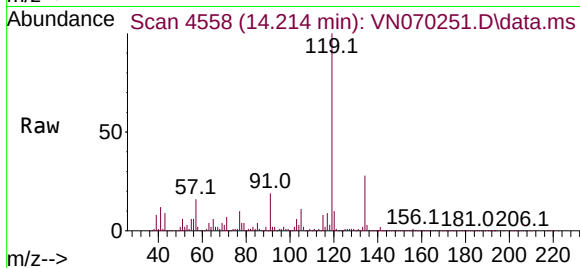
ClientSampleId :

Tgt Ion:117 Resp: 241856

Ion Ratio Lower Upper

117 100

201 0.1 43.9 131.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.705 ug/l

RT: 14.619 min Scan# 4709

Delta R.T. 0.016 min

Lab File: VN070251.D

Acq: 20 Dec 2021 19:43

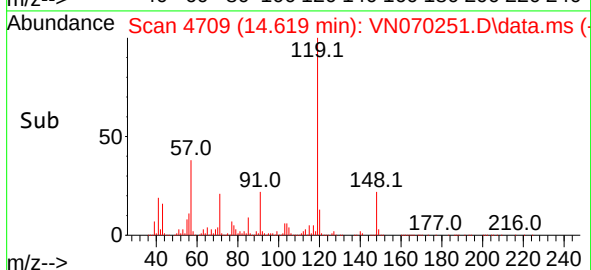
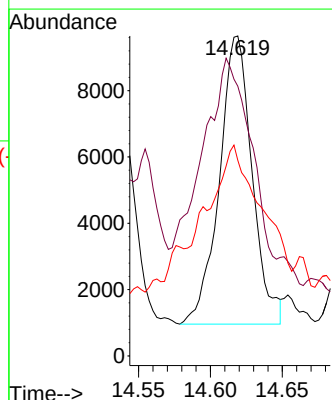
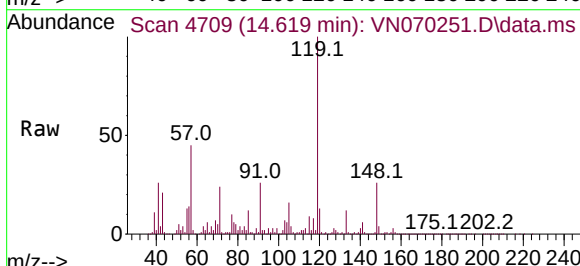
Tgt Ion: 75 Resp: 13810

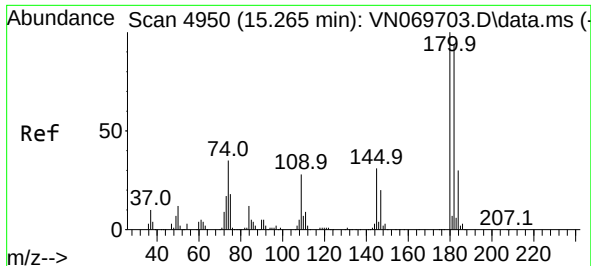
Ion Ratio Lower Upper

75 100

155 125.0 46.9 140.7

157 76.1 60.6 181.7

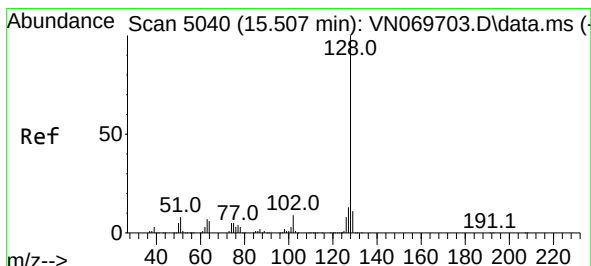
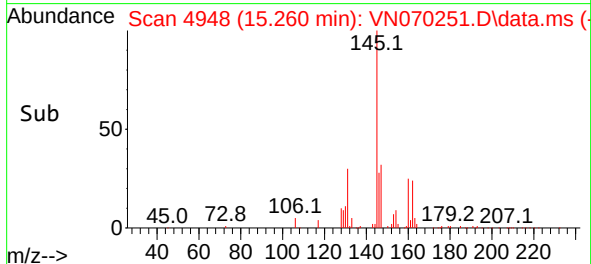
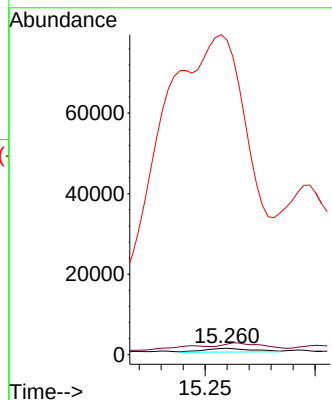
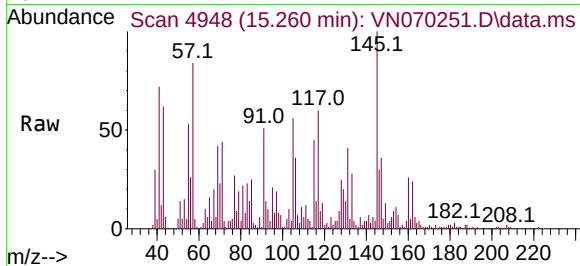




#93
1,2,4-Trichlorobenzene
Concen: 2.935 ug/l
RT: 15.260 min Scan# 4950
Delta R.T. -0.005 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

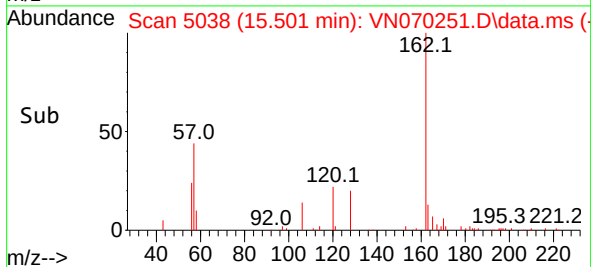
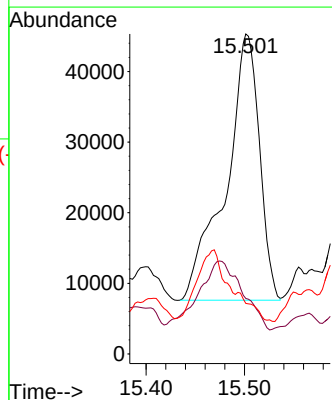
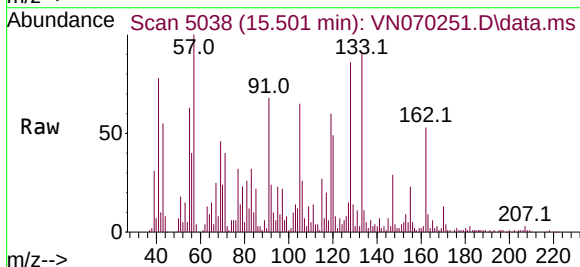
Instrument :
MSVOA_N
ClientSampleId :

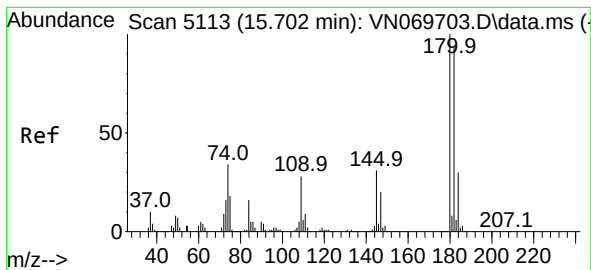
Tgt Ion:180 Resp: 1452
Ion Ratio Lower Upper
180 100
182 104.3 48.3 144.9
145 11499.6 14.5 43.5#



#95
Naphthalene
Concen: 5.147 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN070251.D
Acq: 20 Dec 2021 19:43

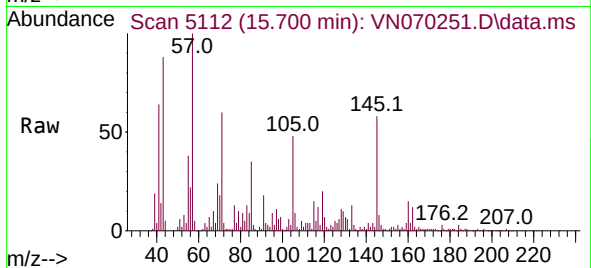
Tgt Ion:128 Resp: 89911
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.456 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN070251.D
 Acq: 20 Dec 2021 19:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 489
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 0.0 15.0 45.1#

