

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070290.D
 Acq On : 22 Dec 2021 15:08
 Operator : JC/MD
 Sample : M5039-02DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 15:28:28 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	1042267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1713014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1517560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	560513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1171799	72.816	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 145.640%#	
35) Dibromofluoromethane	8.021	113	789079	73.540	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 147.080%#	
50) Toluene-d8	10.443	98	3034833	70.439	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 140.880%#	
62) 4-Bromofluorobenzene	12.734	95	1033286	66.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 132.400%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.385	59	42017	13.813	ug/l #	91
13) Acrolein	4.044	56	1558	0.601	ug/l #	14
15) Acrylonitrile	5.562	53	1730	0.211	ug/l #	71
16) Acetone	4.301	43	14272	1.474	ug/l	91
19) Methyl tert-butyl Ether	5.624	73	72555	1.880	ug/l #	70
20) Methylene Chloride	5.095	84	4863	0.378	ug/l #	85
25) 2-Butanone	7.354	43	7306	0.555	ug/l #	85
29) Tetrahydrofuran	7.702	42	2820	0.353	ug/l #	53
31) Cyclohexane	8.091	56	41656	1.860	ug/l #	40
36) 1,1-Dichloropropene	8.088	75	84508	5.182	ug/l #	49
38) Carbon Tetrachloride	8.088	117	107059	6.695	ug/l #	16
39) Methylcyclohexane	9.456	83	7812	0.403	ug/l	91
40) Benzene	8.461	78	342761	6.876	ug/l	98
43) Isopropyl Acetate	8.539	43	17004	0.473	ug/l #	55
49) 1,4-Dioxane	9.571	88	424	1.410	ug/l #	77
51) 4-Methyl-2-Pentanone	10.333	43	9379	0.403	ug/l	95
52) Toluene	10.505	92	102841	3.379	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1267	2.854	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	707	2.031	ug/l #	9
56) Ethyl methacrylate	10.762	69	2141	2.367	ug/l #	45
58) 2-Chloroethyl Vinyl ether	10.044	63	1451	18.604	ug/l #	63
59) 2-Hexanone	11.089	43	24155	1.370	ug/l	81
60) Dibromochloromethane	11.234	129	412	2.406	ug/l	86
67) Ethyl Benzene	11.846	91	897407	16.047	ug/l	95
68) m/p-Xylenes	11.953	106	870920	42.771	ug/l	91
69) o-Xylene	12.280	106	139079	6.781	ug/l	90
70) Styrene	12.283	104	11540	0.355	ug/l #	1
71) Bromoform	12.455	173	503	2.782	ug/l #	29
73) Isopropylbenzene	12.581	105	66986	1.343	ug/l	98
74) N-amyl acetate	12.393	43	11480	0.521	ug/l #	95
76) 1,2,3-Trichloropropane	12.731	75	562944	35.022	ug/l #	1
78) n-propylbenzene	12.921	91	116995	2.108	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	155161	3.866	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.731	75	562944	109.373	ug/l #	5
82) 4-Chlorotoluene	13.104	91	6918	0.210	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	633931	16.583	ug/l	97

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

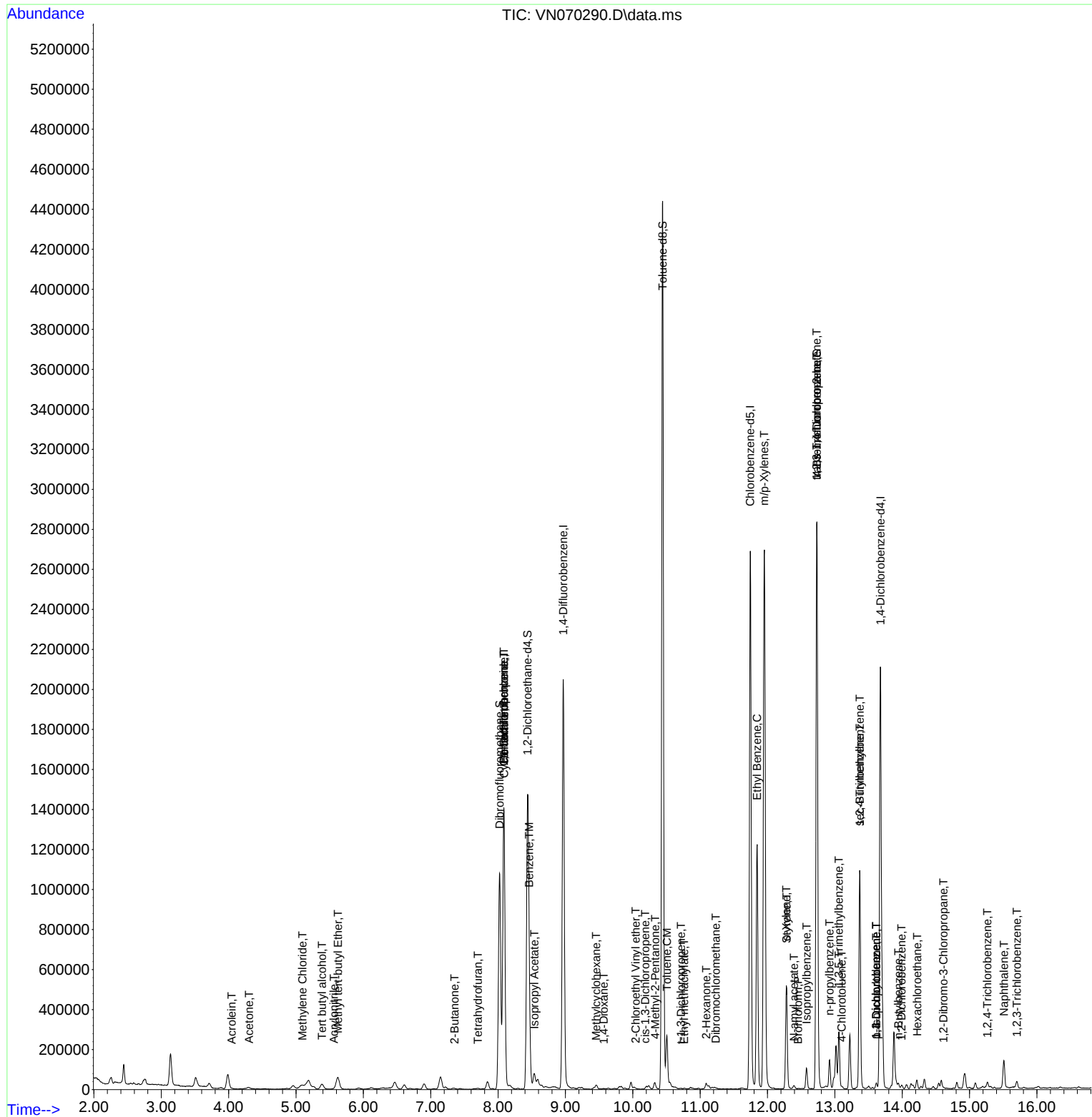
85) sec-Butylbenzene	13.369	105	633931	13.149	ug/l #	56
86) p-Isopropyltoluene	13.613	119	8512	0.226	ug/l #	74
87) 1,3-Dichlorobenzene	13.613	146	5729	0.298	ug/l	93
88) 1,4-Dichlorobenzene	13.613	146	5729	0.303	ug/l	93
89) n-Butylbenzene	13.943	91	14862	0.486	ug/l	90
90) Hexachloroethane	14.222	117	3006	0.454	ug/l #	6
91) 1,2-Dichlorobenzene	13.989	146	6103	0.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.611	75	1801	0.578	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.265	180	10243	3.928	ug/l	93
95) Naphthalene	15.509	128	130687	8.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	12724	3.786	ug/l	93

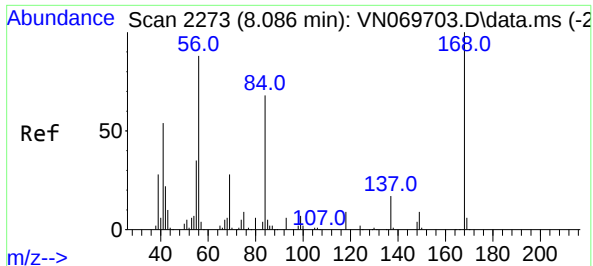
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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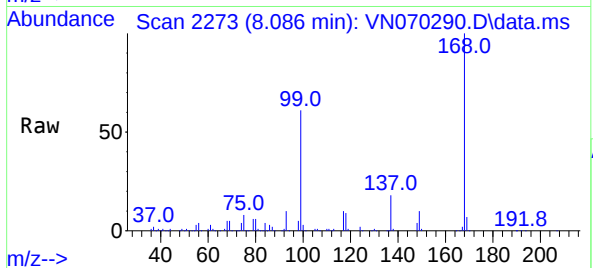
Quant Time: Dec 22 15:28:28 2021
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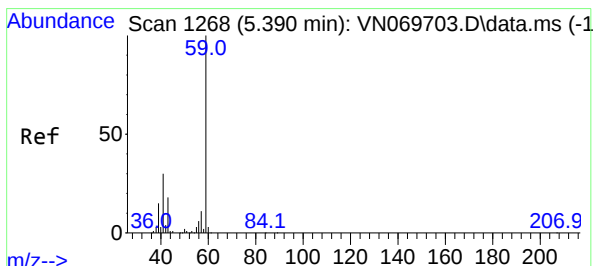
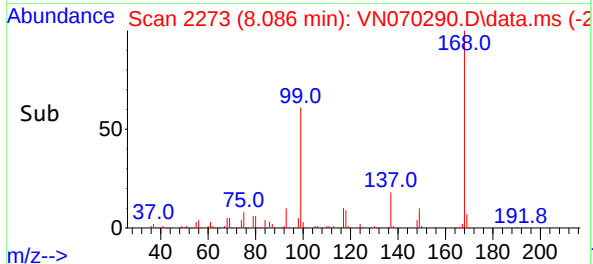
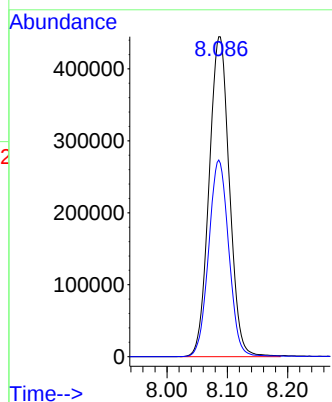


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Instrument :
MSVOA_N
ClientSampleId :

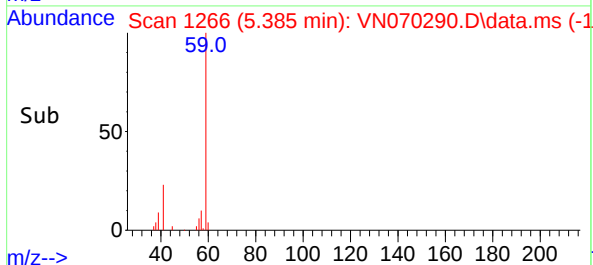
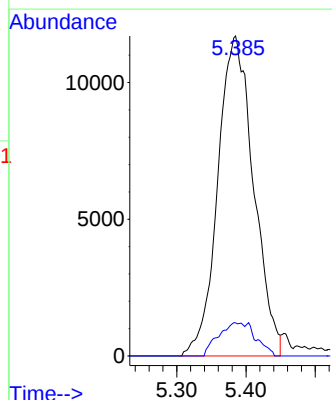
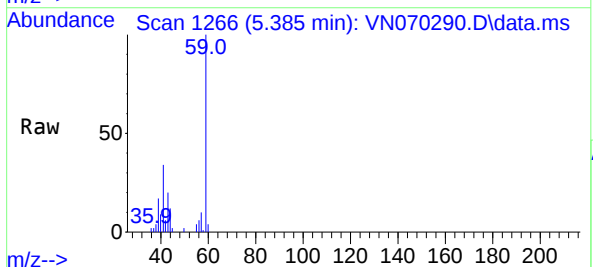


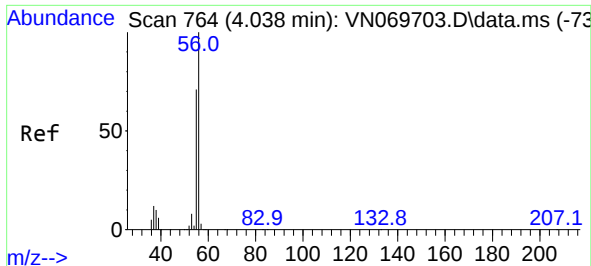
Tgt Ion:168 Resp: 1042267
Ion Ratio Lower Upper
168 100
99 61.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 13.813 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

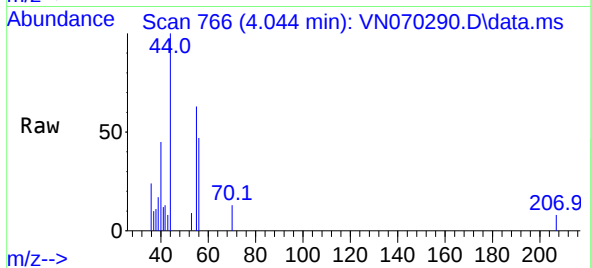
Tgt Ion: 59 Resp: 42017
Ion Ratio Lower Upper
59 100
57 7.4 8.7 13.1#



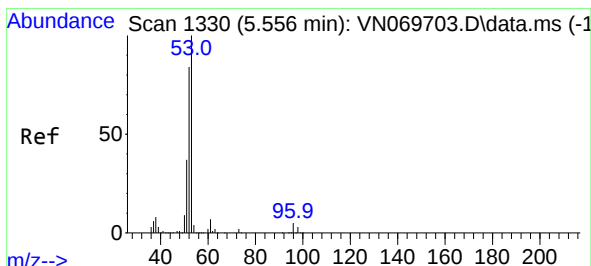
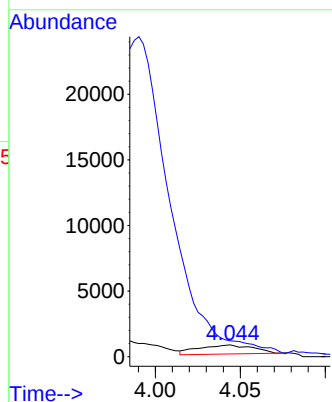
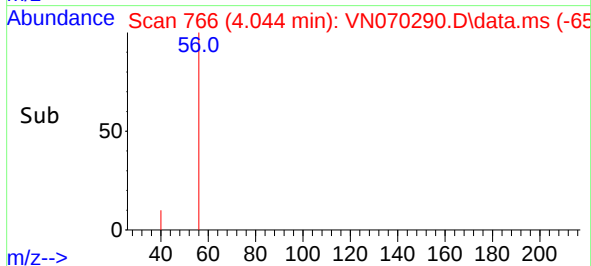


#13
Acrolein
Concen: 0.601 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

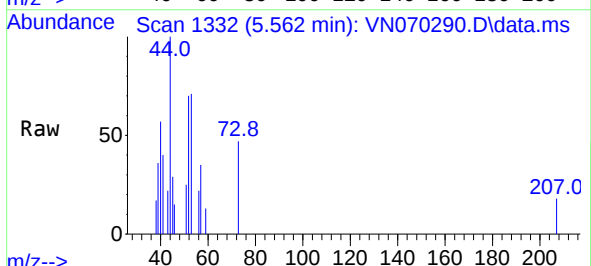
Instrument :
MSVOA_N
ClientSampleId :



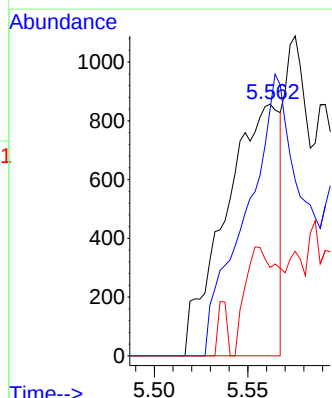
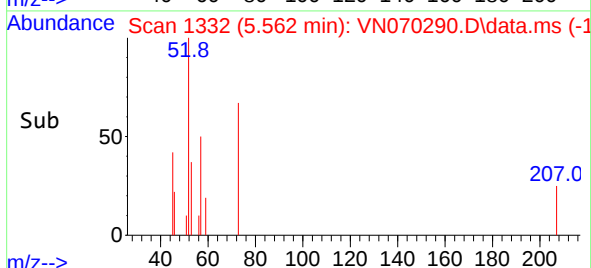
Tgt Ion: 56 Resp: 1558
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

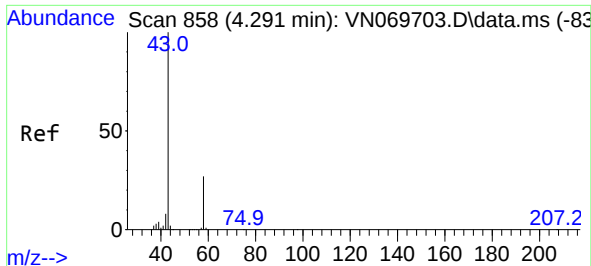


#15
Acrylonitrile
Concen: 0.211 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08



Tgt Ion: 53 Resp: 1730
Ion Ratio Lower Upper
53 100
52 114.6 66.2 99.2#
51 27.6 29.6 44.4#

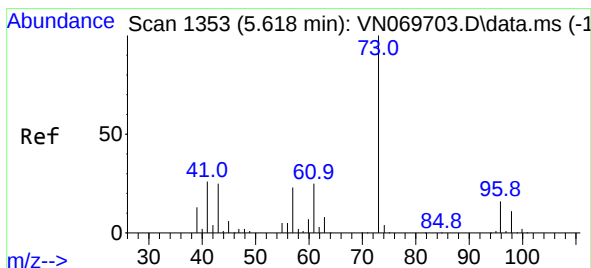
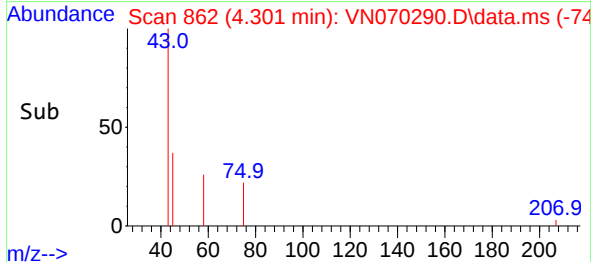
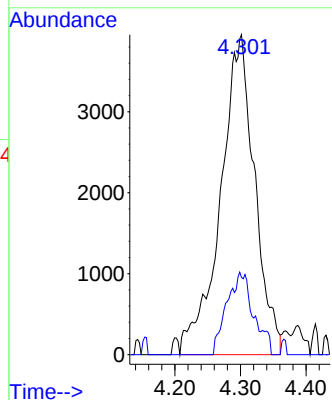
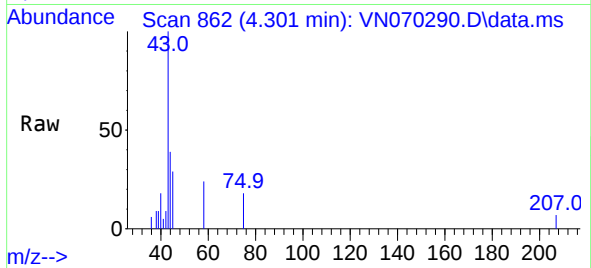




#16
Acetone
Concen: 1.474 ug/l
RT: 4.301 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

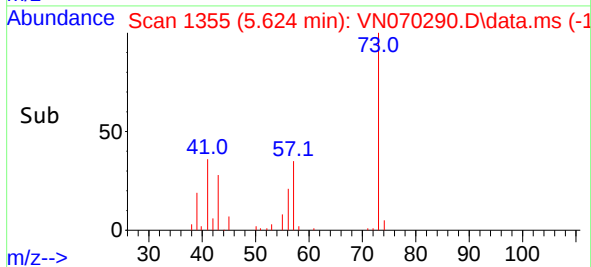
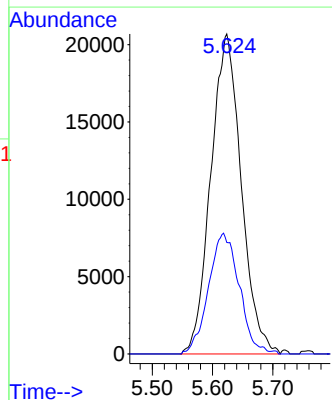
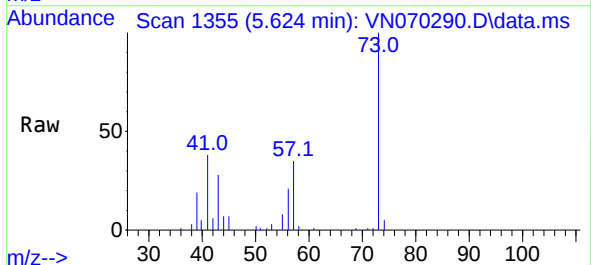
Instrument :
MSVOA_N
ClientSampleId :

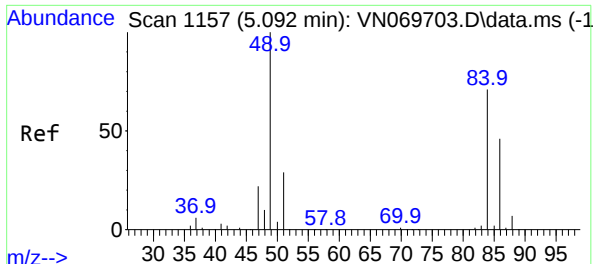
Tgt Ion: 43 Resp: 14272
Ion Ratio Lower Upper
43 100
58 24.1 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 1.880 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

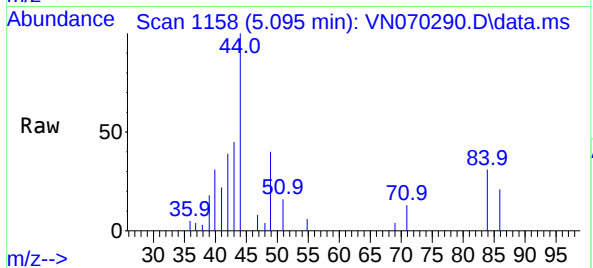
Tgt Ion: 73 Resp: 72555
Ion Ratio Lower Upper
73 100
57 34.8 16.8 25.2#





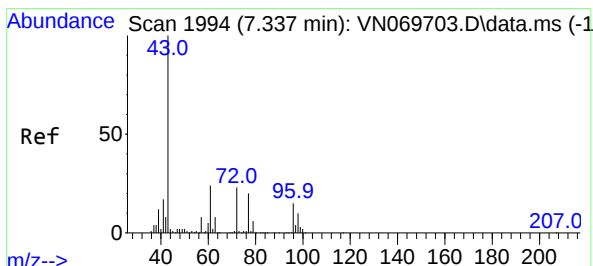
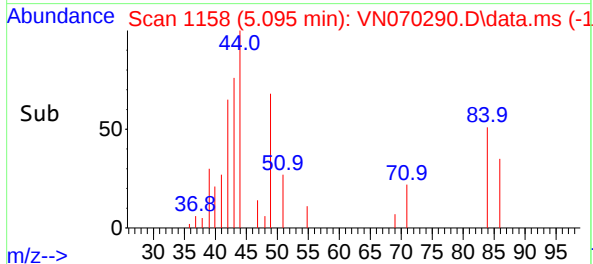
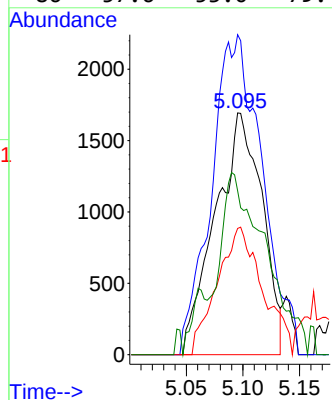
#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 4863

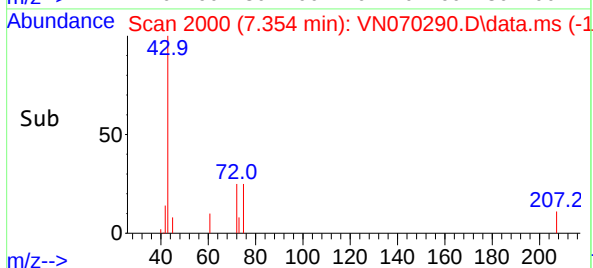
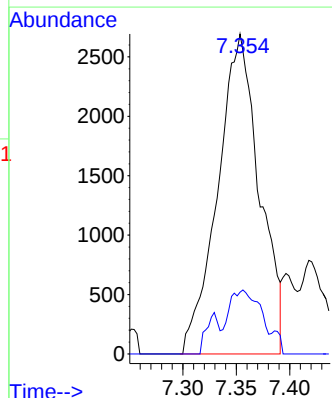
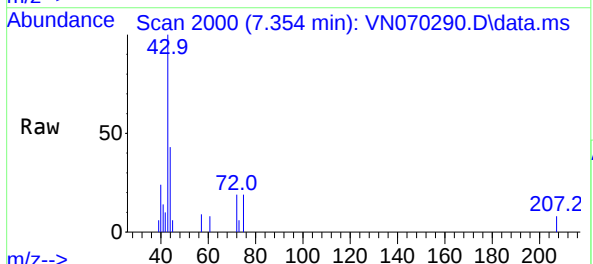
Ion	Ratio	Lower	Upper
84	100		
49	132.3	93.5	140.3
51	52.2	29.4	44.2#
86	57.6	53.0	79.4

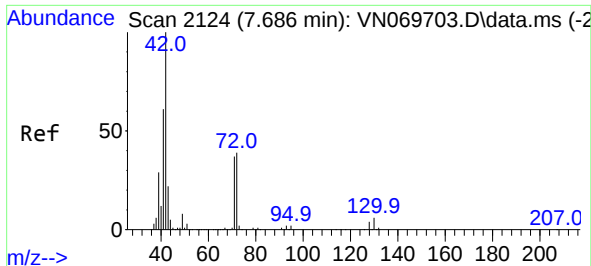


#25
2-Butanone
Concen: 0.555 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 43 Resp: 7306

Ion	Ratio	Lower	Upper
43	100		
72	19.3	21.7	32.5#





#29

Tetrahydrofuran

Concen: 0.353 ug/l

RT: 7.702 min Scan# 21

Delta R.T. 0.016 min

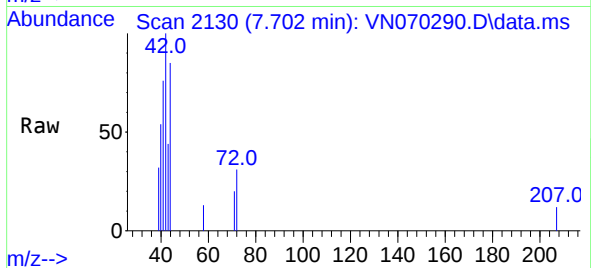
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Acq: 22 Dec 2021 15:08

Instrument :

MSVOA_N

ClientSampleId :



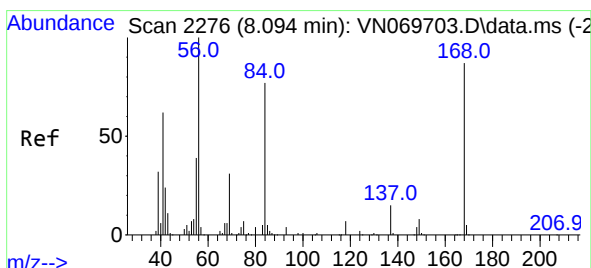
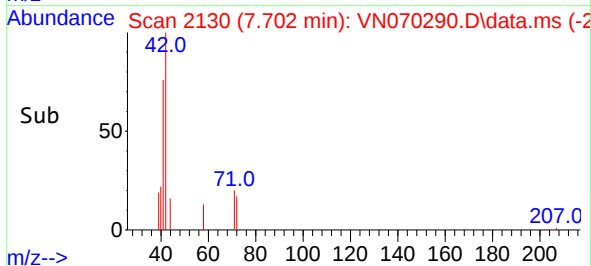
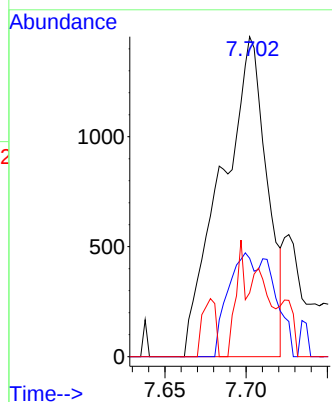
Tgt Ion: 42 Resp: 2820

Ion Ratio Lower Upper

42 100

72 18.5 36.3 54.5#

71 8.8 34.7 52.1#



#31

Cyclohexane

Concen: 1.860 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. -0.003 min

Lab File: VN070290.D

Acq: 22 Dec 2021 15:08

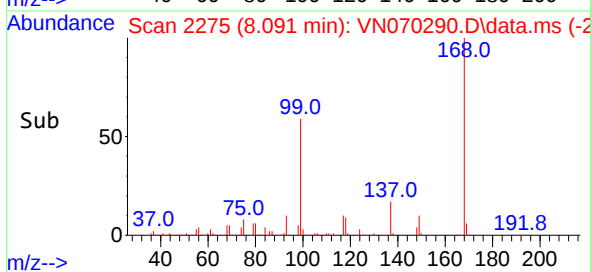
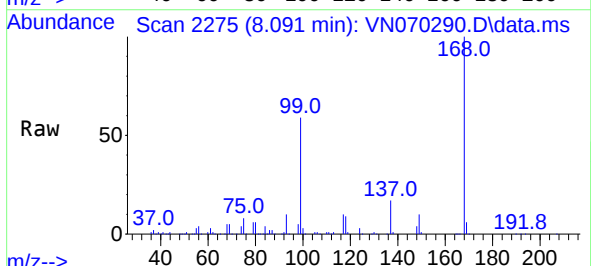
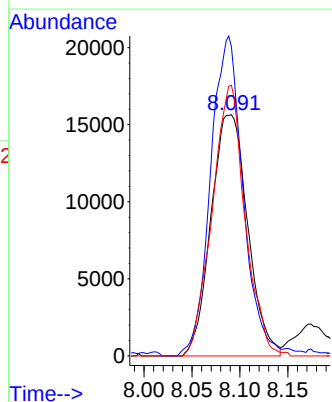
Tgt Ion: 56 Resp: 41656

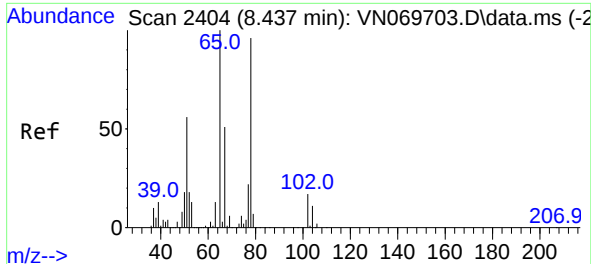
Ion Ratio Lower Upper

56 100

69 126.9 27.1 40.7#

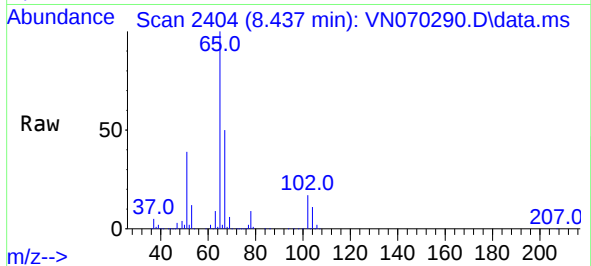
84 112.3 73.4 110.0#



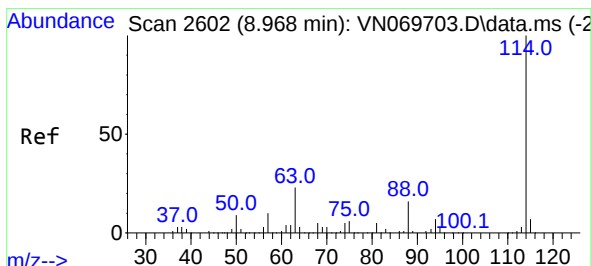
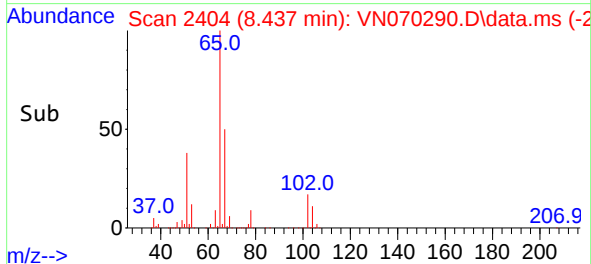
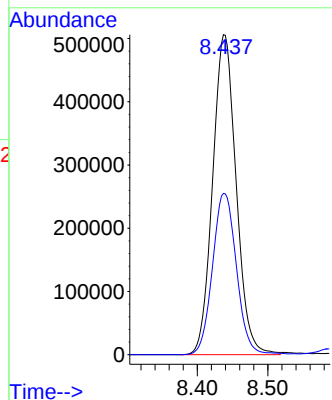


#33
1,2-Dichloroethane-d4
Concen: 72.816 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Instrument :
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ClientSampleId :

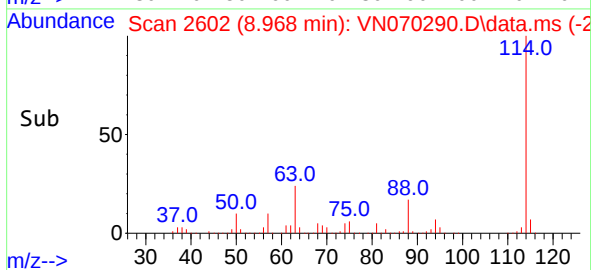
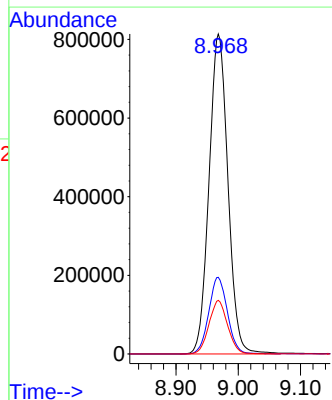
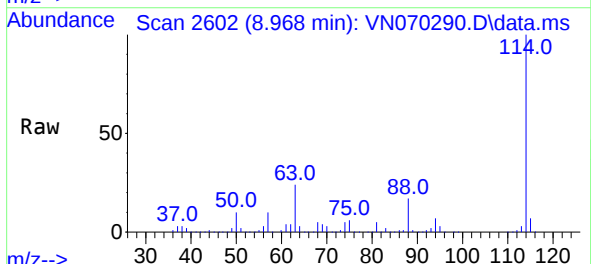


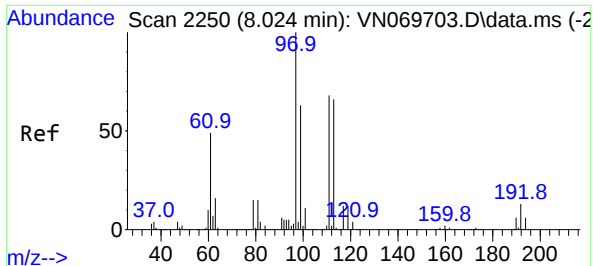
Tgt Ion: 65 Resp: 1171799
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

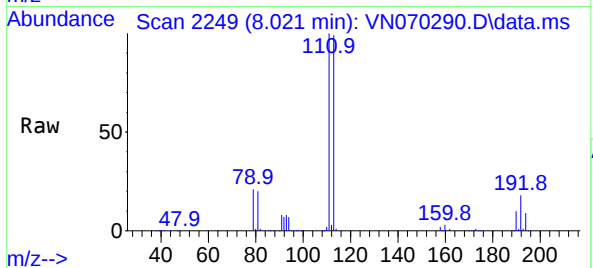
Tgt Ion: 114 Resp: 1713014
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 16.8 0.0 27.4



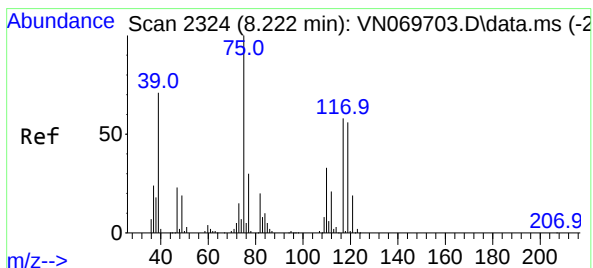
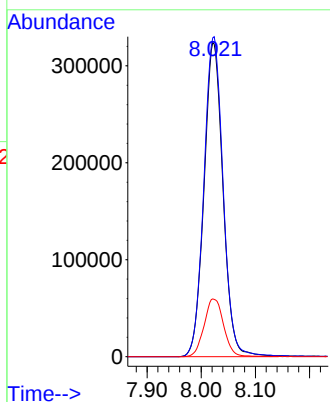
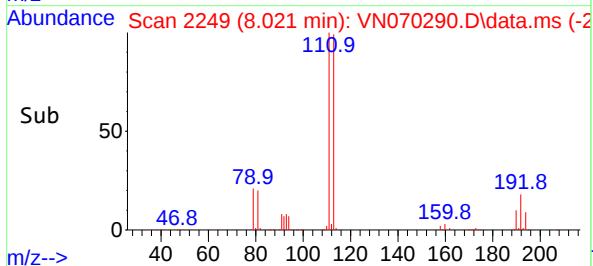


#35
Dibromofluoromethane
Concen: 73.540 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Instrument :
MSVOA_N
ClientSampleId :

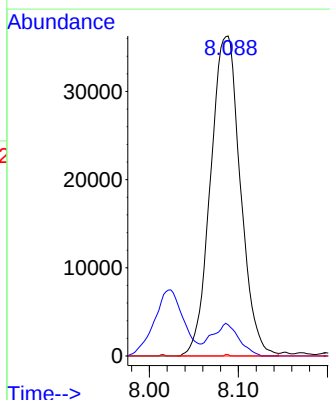
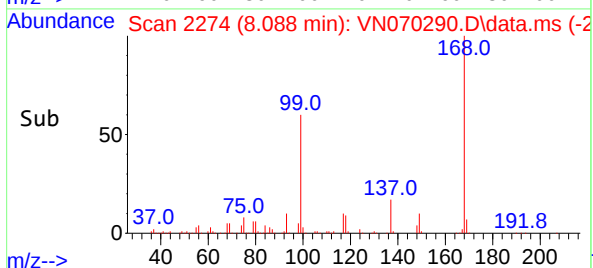
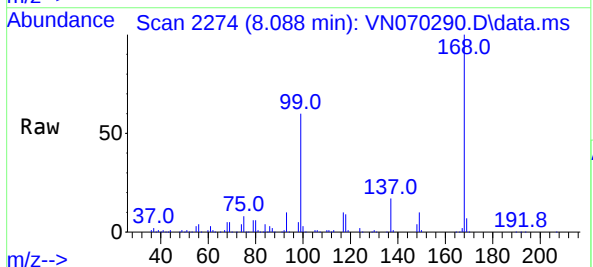


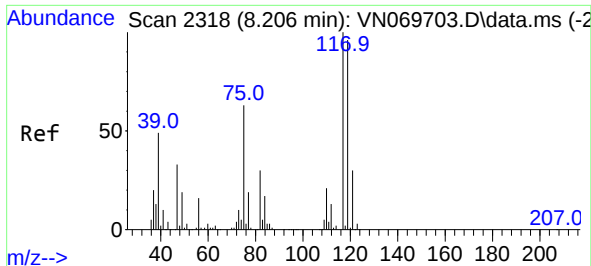
Tgt Ion:113 Resp: 789079
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.182 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

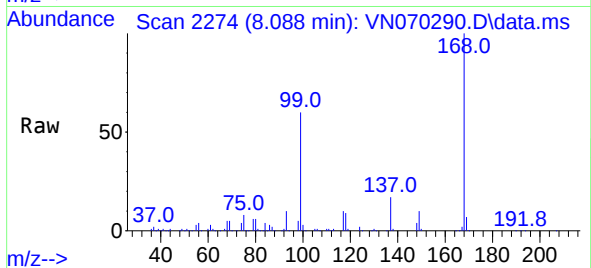
Tgt Ion: 75 Resp: 84508
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.4 36.6#



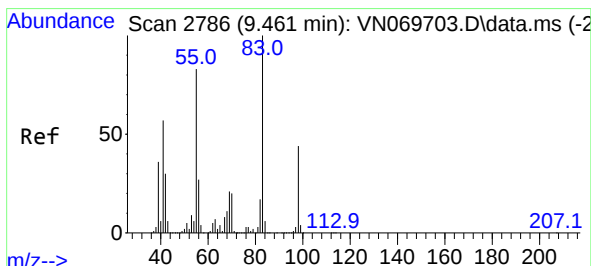
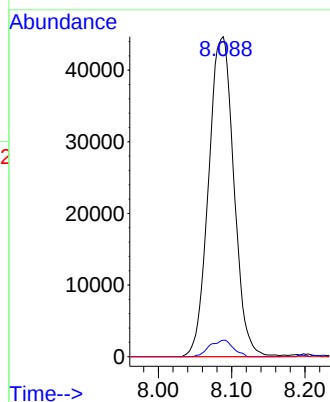
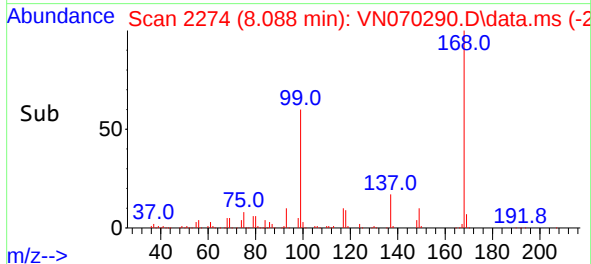


#38
Carbon Tetrachloride
Concen: 6.695 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Instrument :
MSVOA_N
ClientSampleId :

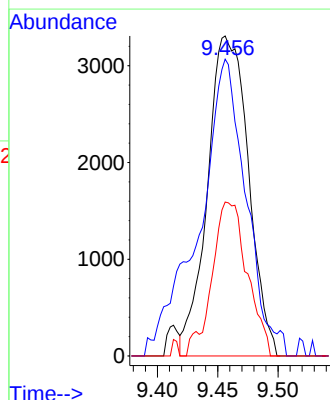
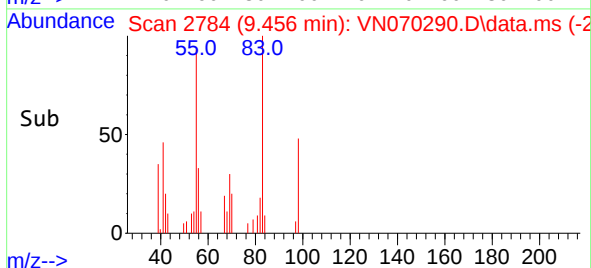
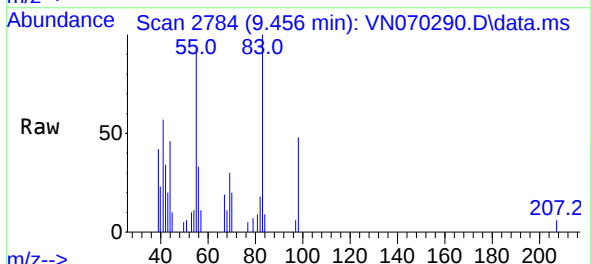


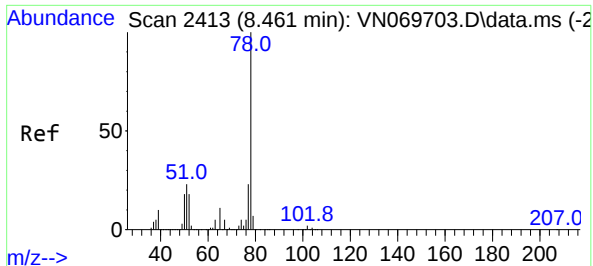
Tgt Ion:117 Resp: 107059
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.403 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 83 Resp: 7812
Ion Ratio Lower Upper
83 100
55 84.8 58.1 87.1
98 48.1 38.4 57.6

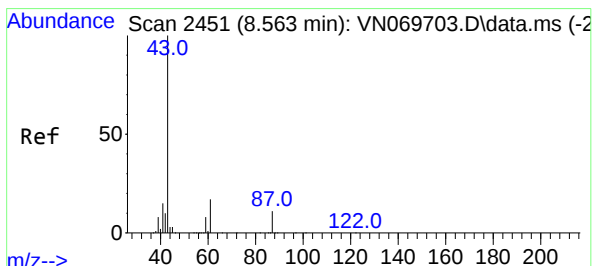
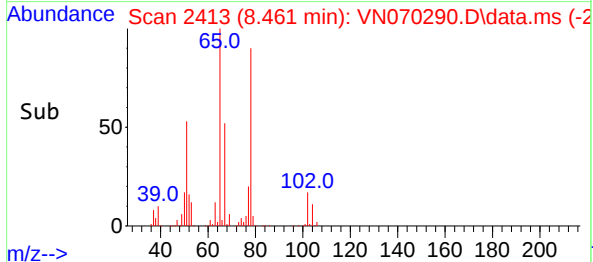
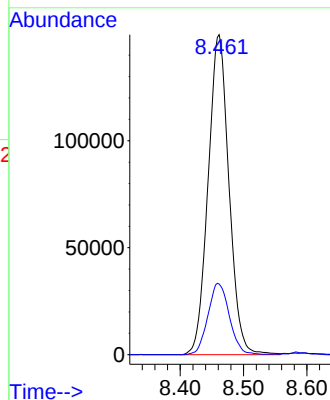
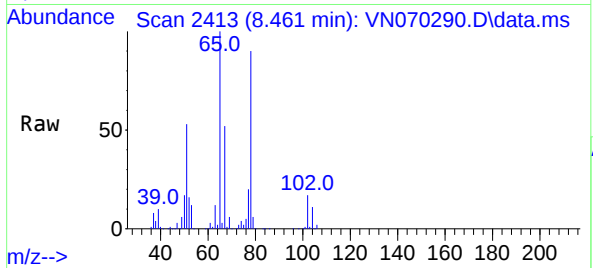




#40
Benzene
Concen: 6.876 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

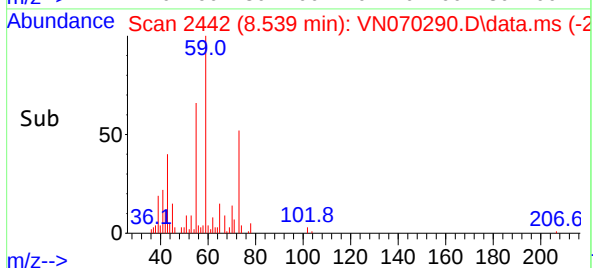
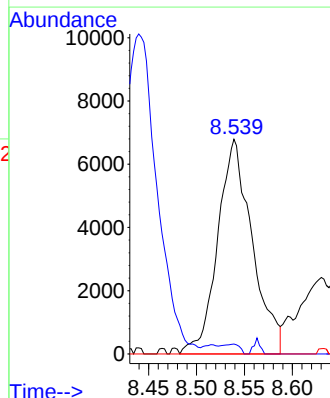
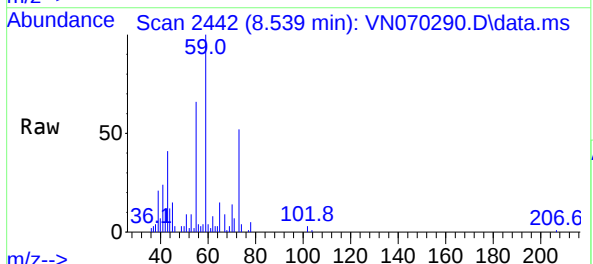
Instrument :
MSVOA_N
ClientSampleId :

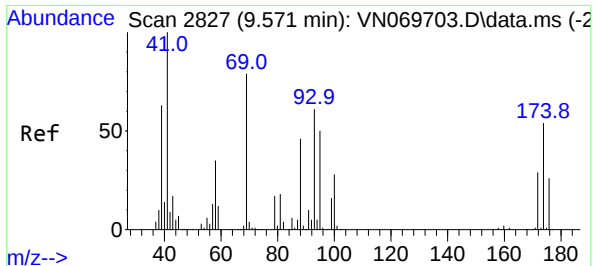
Tgt Ion: 78 Resp: 342761
Ion Ratio Lower Upper
78 100
77 22.1 18.6 27.8



#43
Isopropyl Acetate
Concen: 0.473 ug/l
RT: 8.539 min Scan# 2442
Delta R.T. -0.024 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 43 Resp: 17004
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

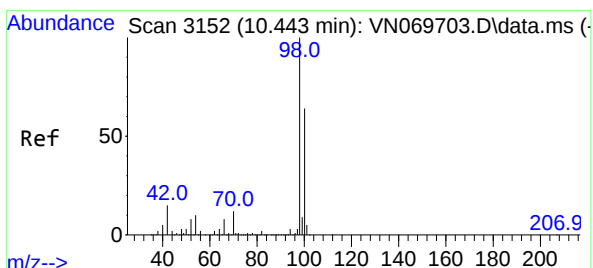
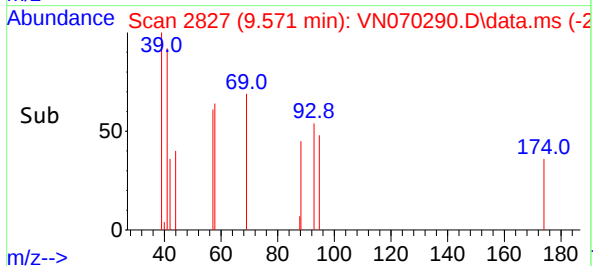
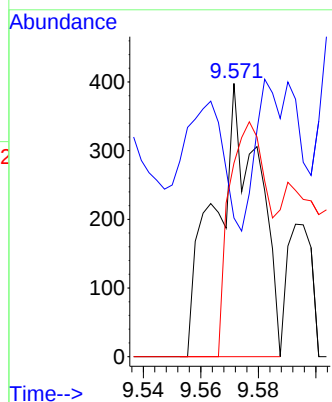
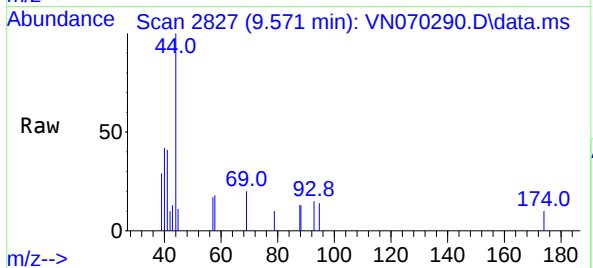




#49
1,4-Dioxane
Concen: 1.410 ug/l
RT: 9.571 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

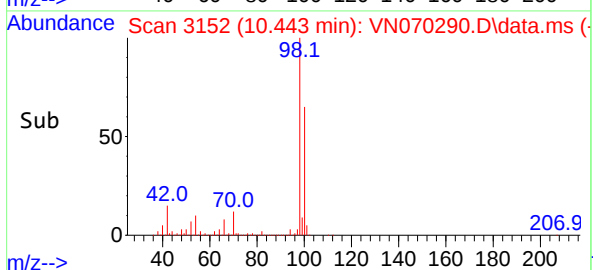
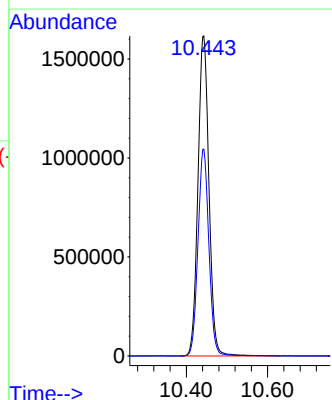
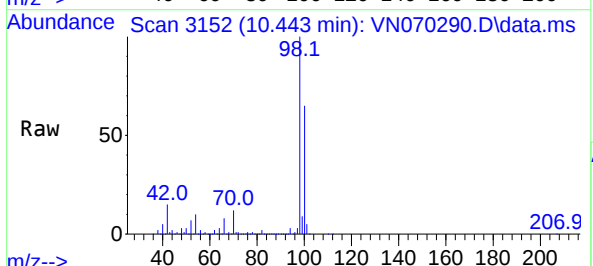
Instrument :
MSVOA_N
ClientSampleId :

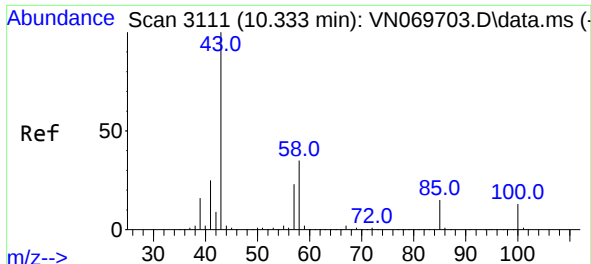
Tgt Ion: 88 Resp: 424
Ion Ratio Lower Upper
88 100
43 52.4 23.4 35.2#
58 73.8 50.6 75.8



#50
Toluene-d8
Concen: 70.439 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 98 Resp: 3034833
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

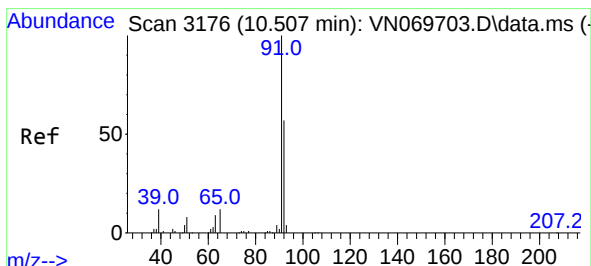
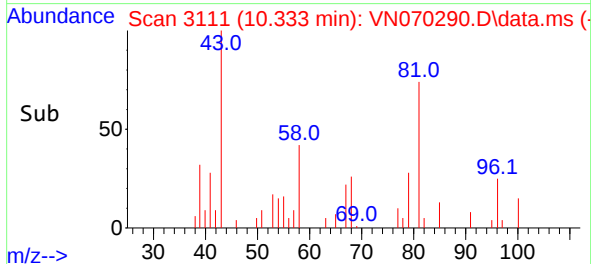
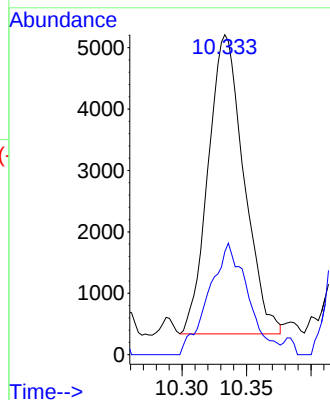
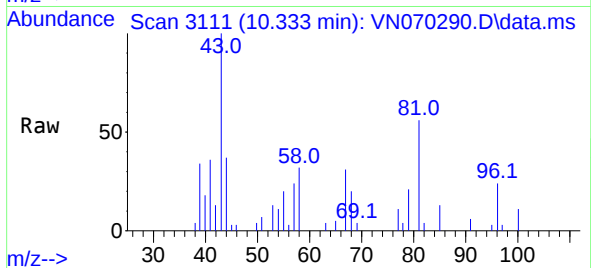




#51
4-Methyl-2-Pentanone
Concen: 0.403 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

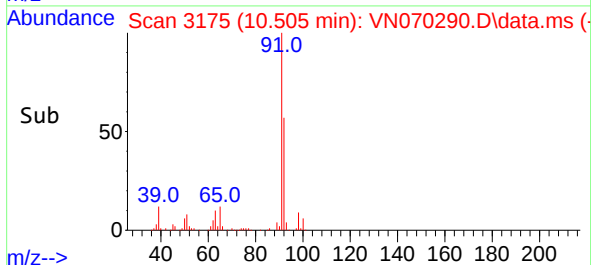
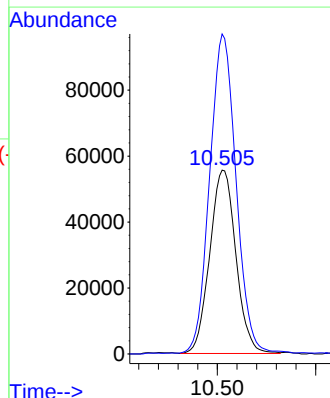
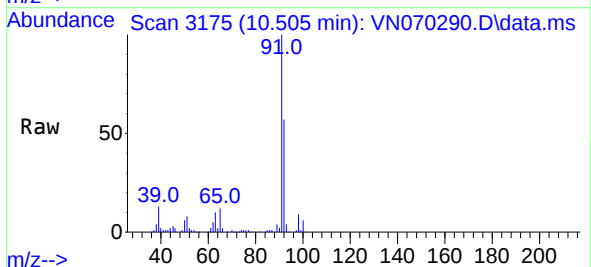
Instrument :
MSVOA_N
ClientSampleId :

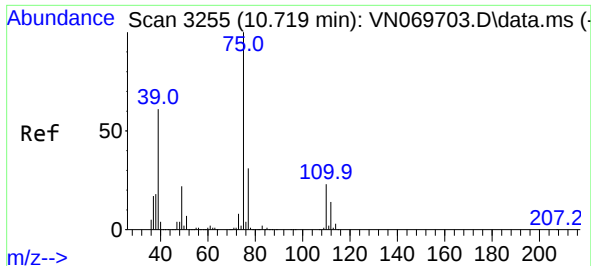
Tgt Ion: 43 Resp: 9379
Ion Ratio Lower Upper
43 100
58 40.7 30.4 45.6



#52
Toluene
Concen: 3.379 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 92 Resp: 102841
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0

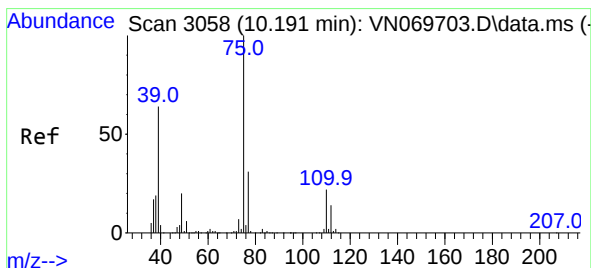
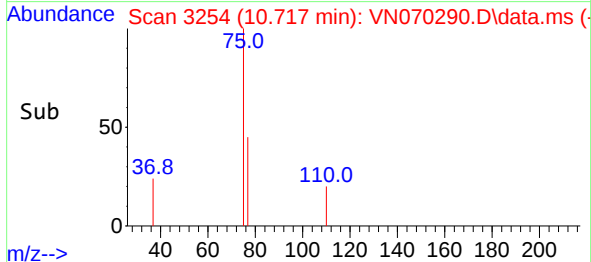
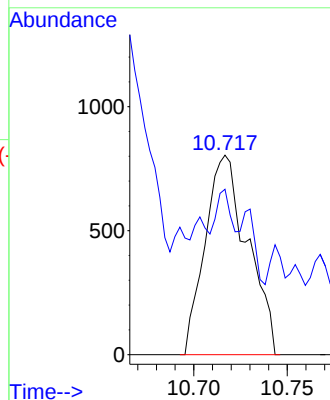
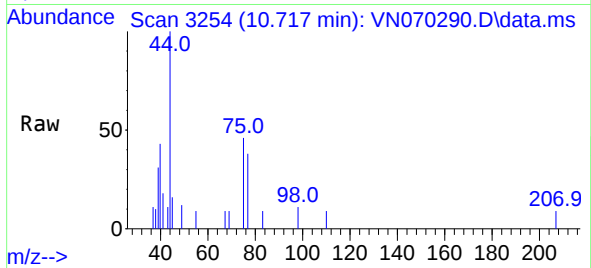




#53
t-1,3-Dichloropropene
Concen: 2.854 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

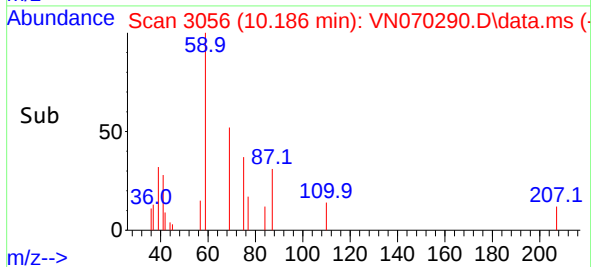
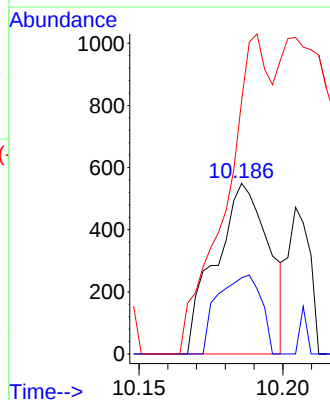
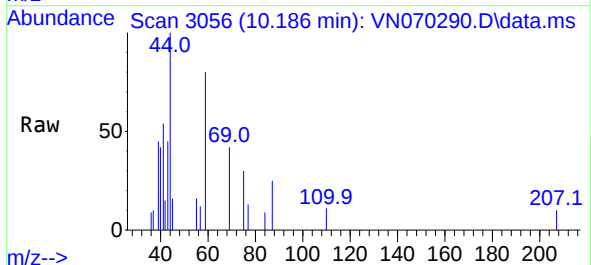
Instrument :
MSVOA_N
ClientSampleId :

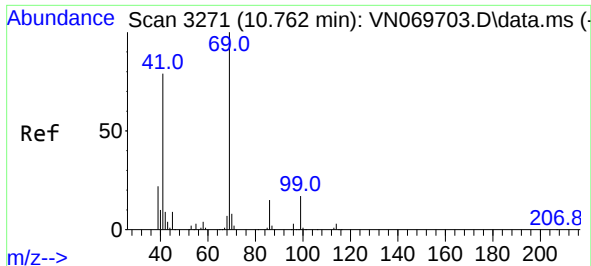
Tgt Ion: 75 Resp: 1267
Ion Ratio Lower Upper
75 100
77 34.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 2.031 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.005 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 75 Resp: 707
Ion Ratio Lower Upper
75 100
77 44.6 26.4 39.6#
39 148.6 42.5 63.7#

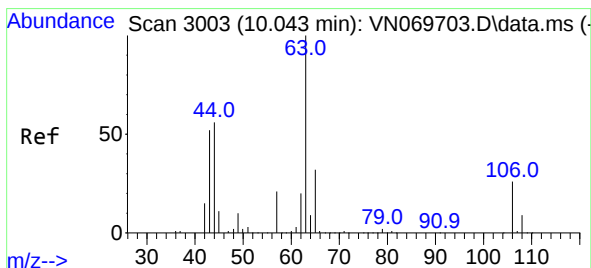
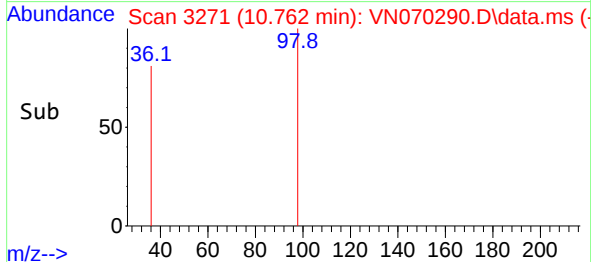
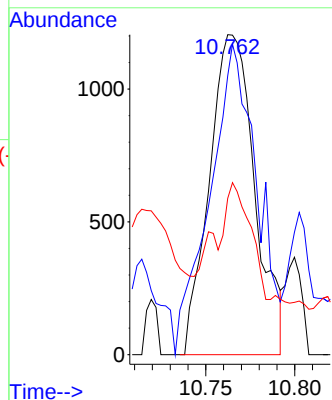
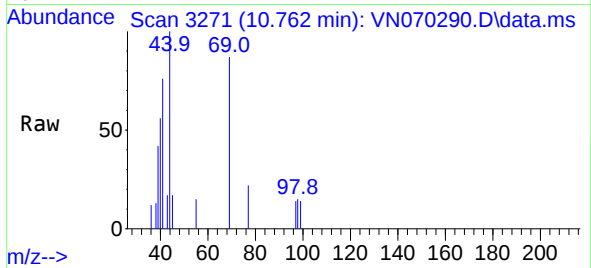




#56
Ethyl methacrylate
Concen: 2.367 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

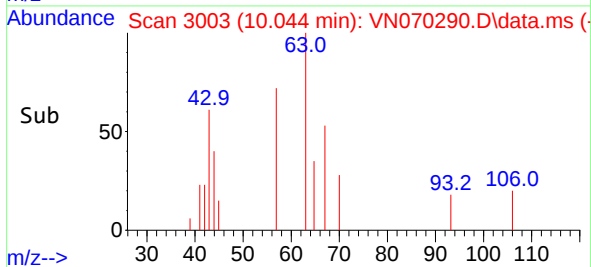
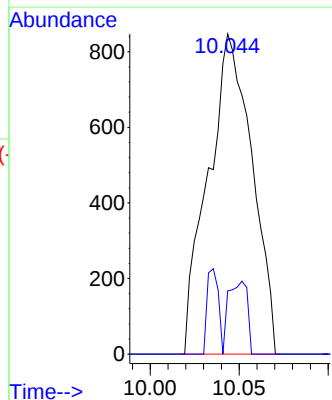
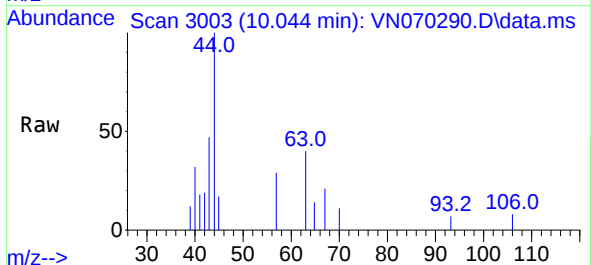
Instrument :
MSVOA_N
ClientSampleId :

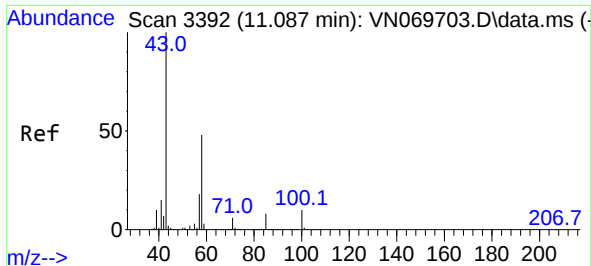
Tgt Ion: 69 Resp: 2141
Ion Ratio Lower Upper
69 100
41 100.2 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.604 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.001 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 63 Resp: 1451
Ion Ratio Lower Upper
63 100
106 9.8 23.9 35.9#

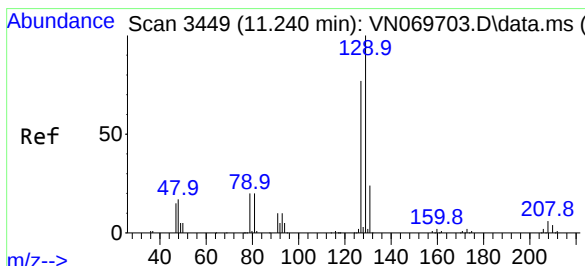
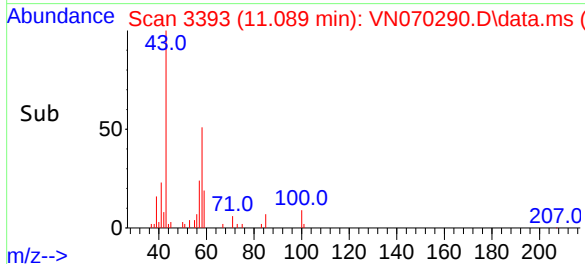
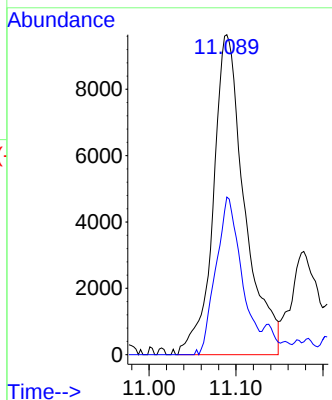
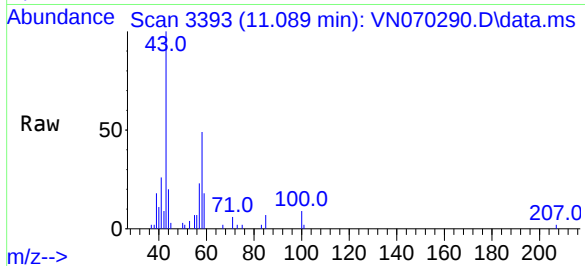




#59
2-Hexanone
Concen: 1.370 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

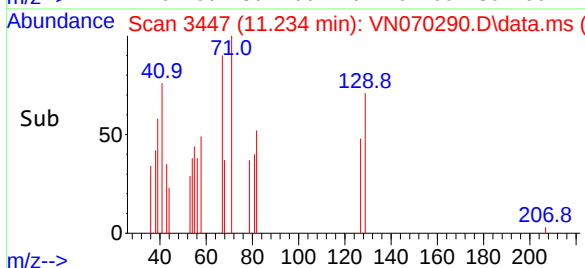
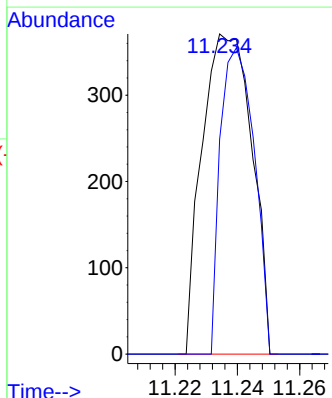
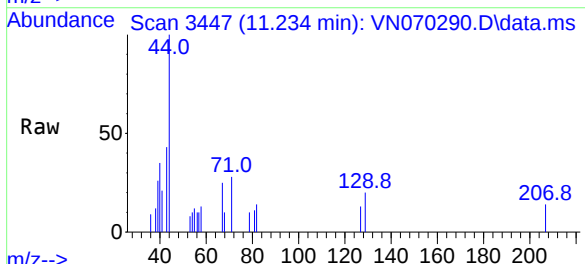
Instrument :
MSVOA_N
ClientSampleId :

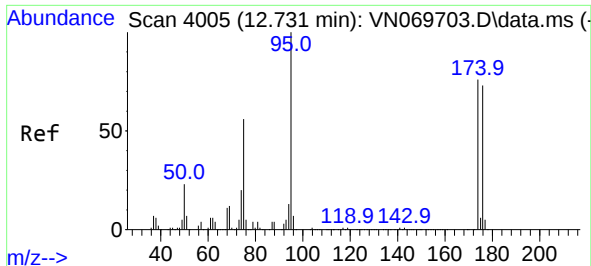
Tgt Ion: 43 Resp: 24155
Ion Ratio Lower Upper
43 100
58 40.1 26.9 80.7



#60
Dibromochloromethane
Concen: 2.406 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.006 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 129 Resp: 412
Ion Ratio Lower Upper
129 100
127 65.0 38.6 116.0

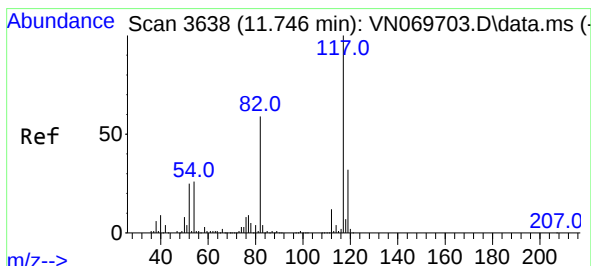
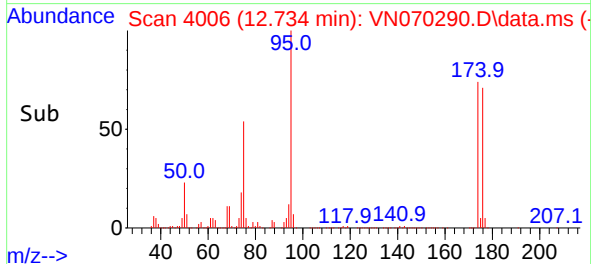
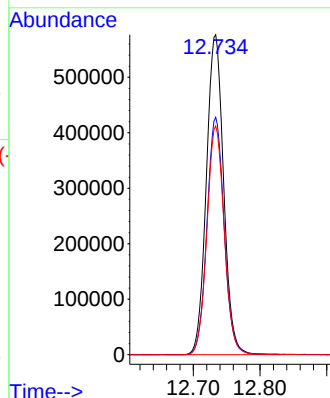
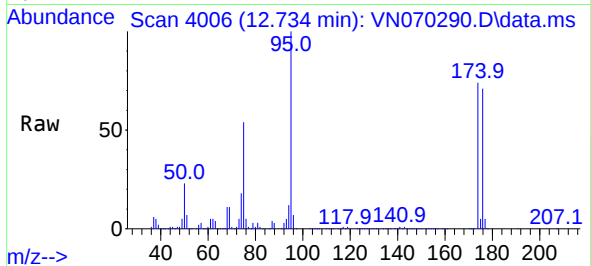




#62
4-Bromofluorobenzene
Concen: 66.200 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

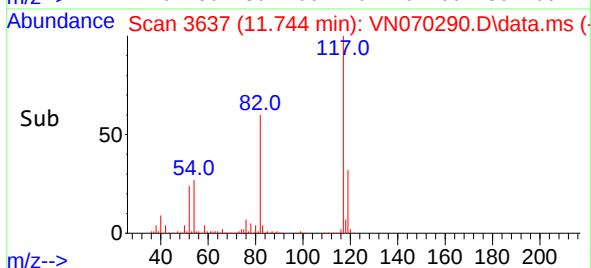
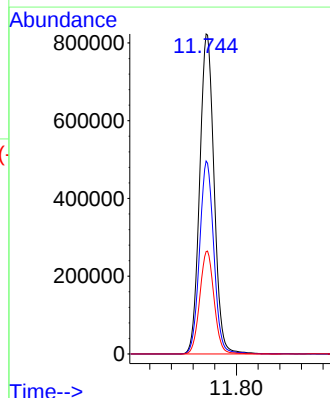
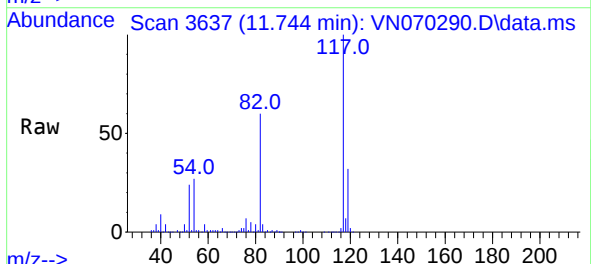
Instrument :
MSVOA_N
ClientSampleId :

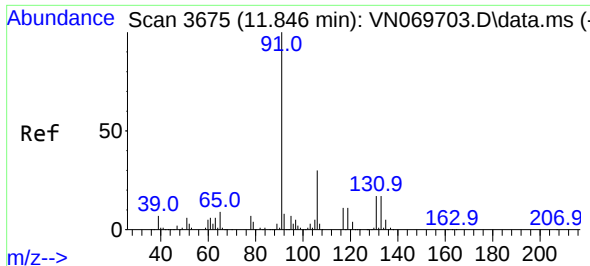
Tgt Ion: 95 Resp: 1033286
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 117 Resp: 1517560
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 32.0 25.4 38.2

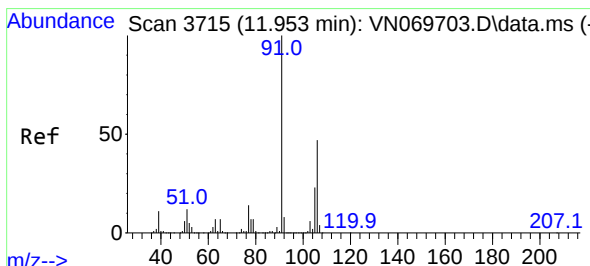
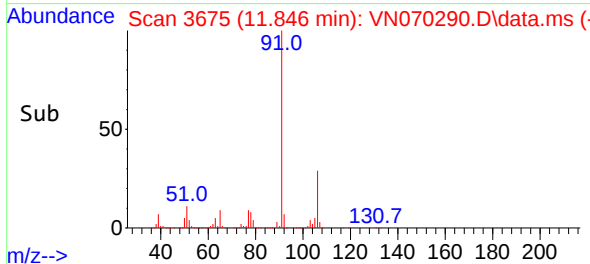
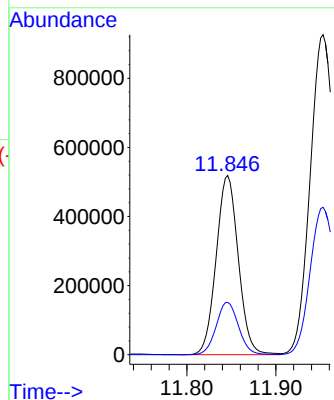
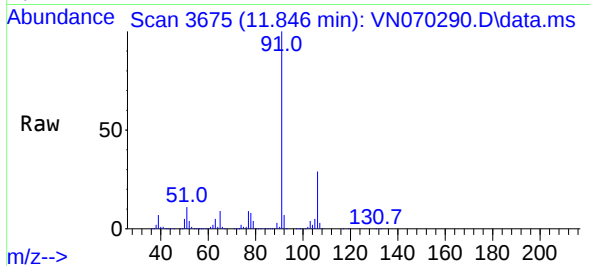




#67
Ethyl Benzene
Concen: 16.047 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

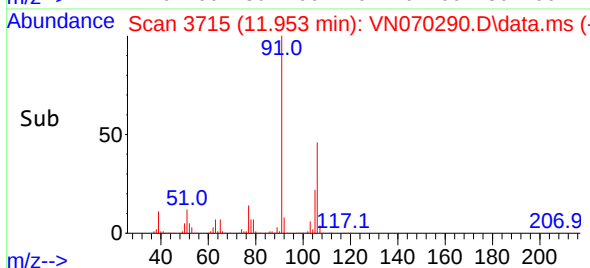
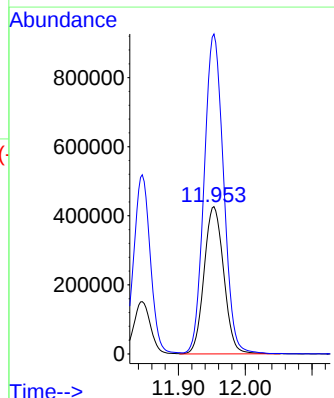
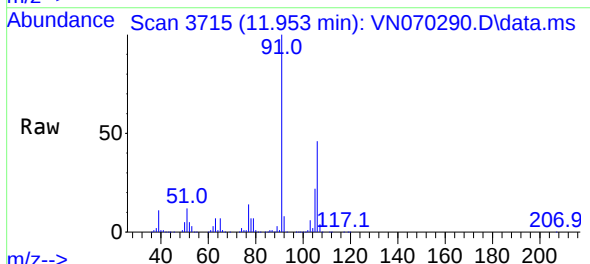
Instrument :
MSVOA_N
ClientSampleId :

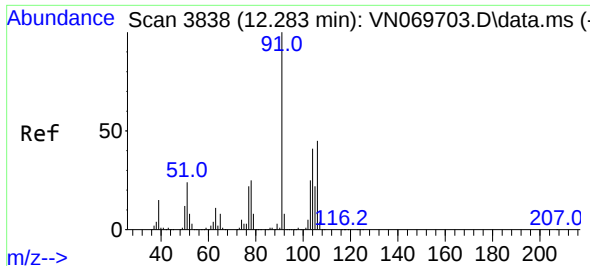
Tgt Ion: 91 Resp: 897407
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5



#68
m/p-Xylenes
Concen: 42.771 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion:106 Resp: 870920
Ion Ratio Lower Upper
106 100
91 214.6 160.6 240.8

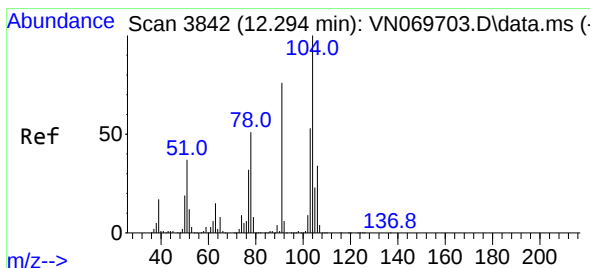
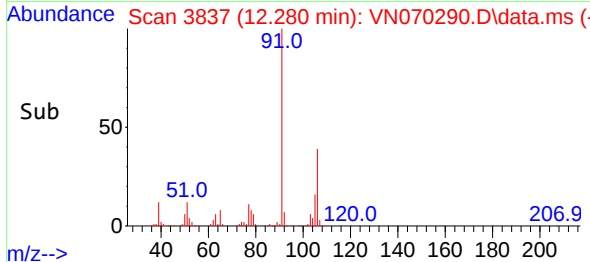
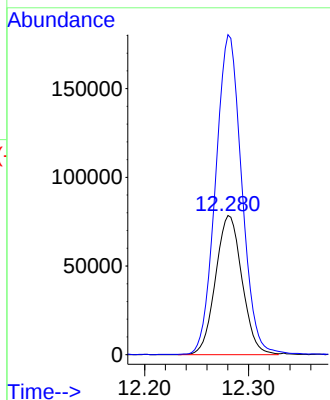
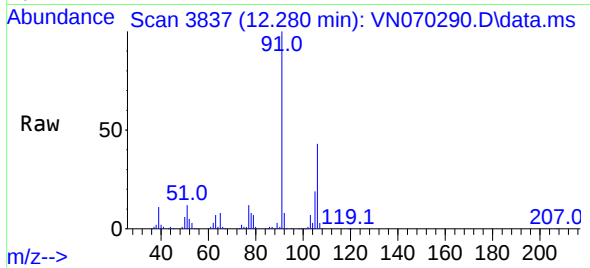




#69
o-Xylene
Concen: 6.781 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

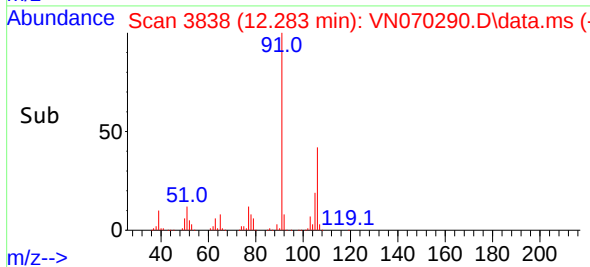
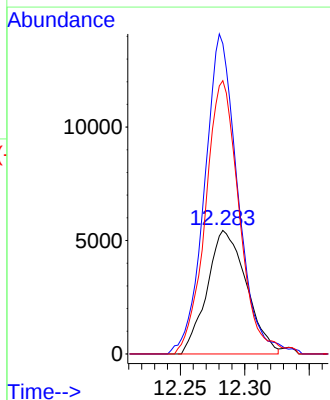
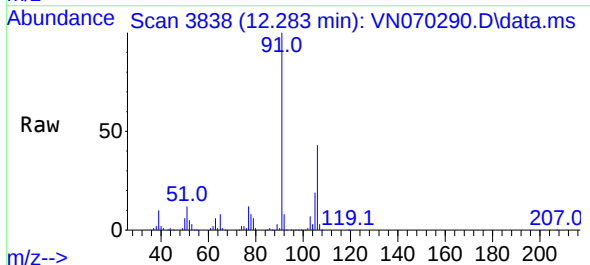
Instrument :
MSVOA_N
ClientSampleId :

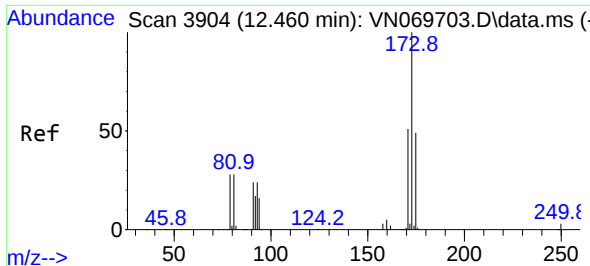
Tgt Ion:106 Resp: 139079
Ion Ratio Lower Upper
106 100
91 227.2 105.8 317.3



#70
Styrene
Concen: 0.355 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.011 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion:104 Resp: 11540
Ion Ratio Lower Upper
104 100
78 218.7 38.7 58.1#
103 190.6 45.0 67.6#

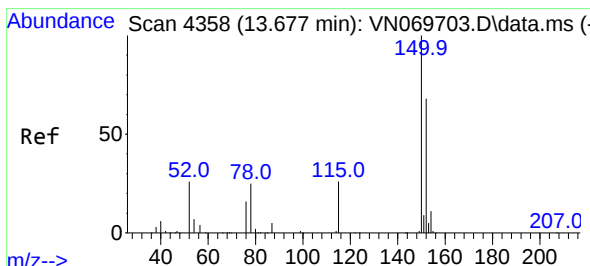
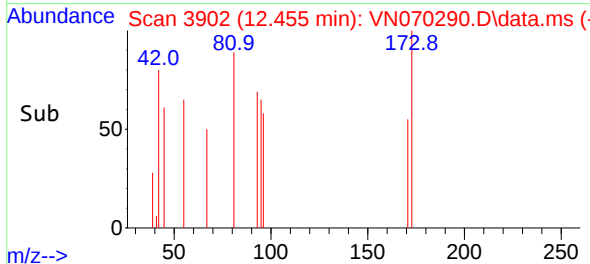
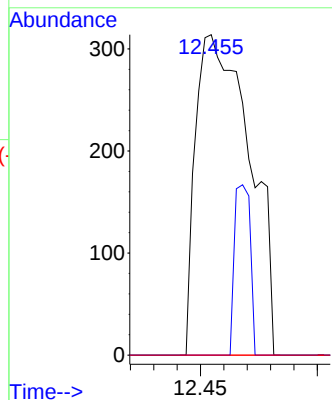
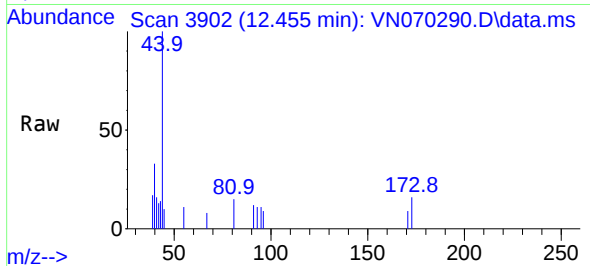




#71
Bromoform
Concen: 2.782 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.005 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

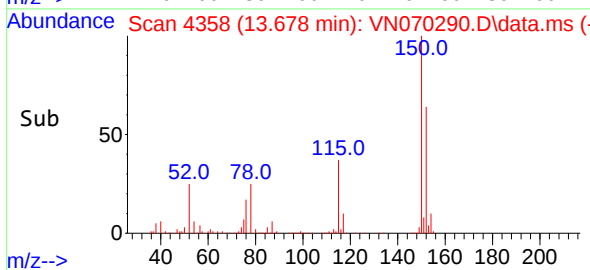
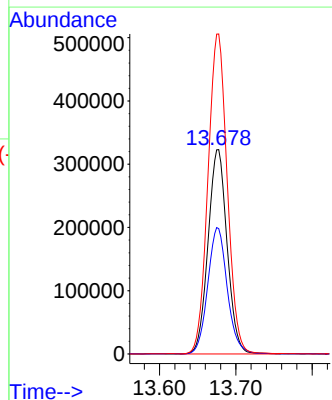
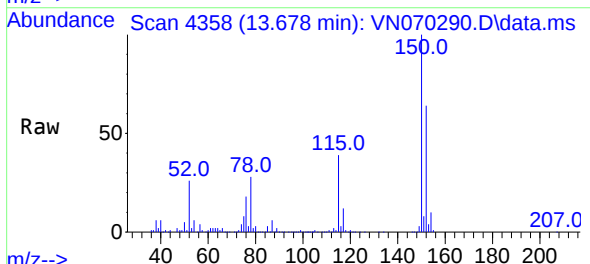
Instrument :
MSVOA_N
ClientSampleId :

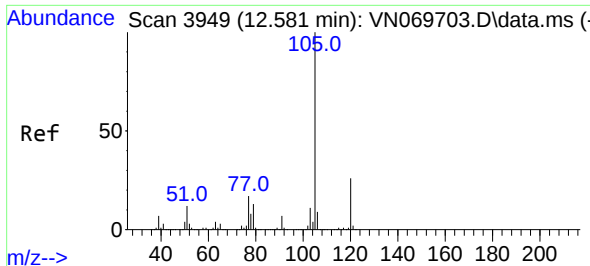
Tgt Ion:173 Resp: 503
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

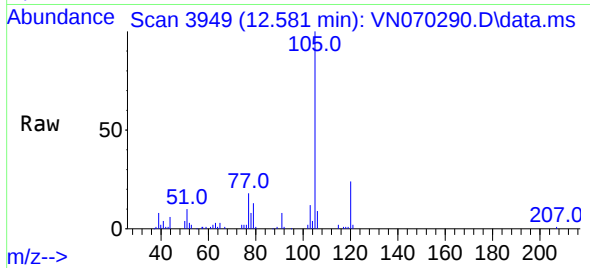
Tgt Ion:152 Resp: 560513
Ion Ratio Lower Upper
152 100
115 63.2 27.5 82.5
150 157.9 0.0 344.4



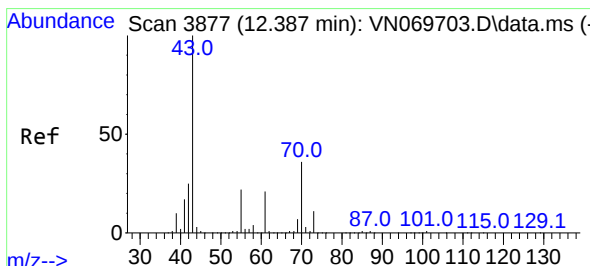
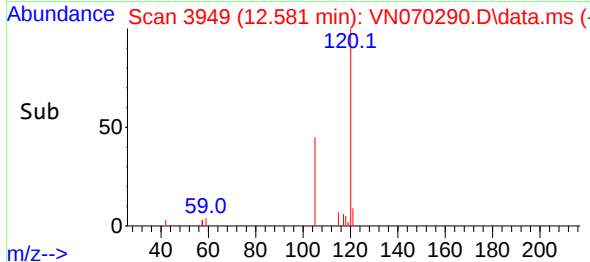
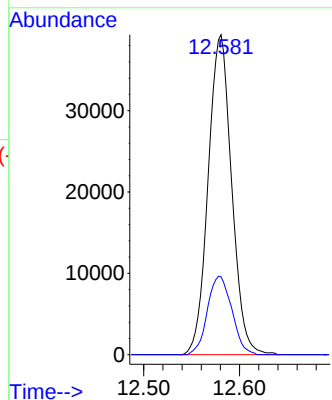


#73
Isopropylbenzene
Concen: 1.343 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Instrument :
MSVOA_N
ClientSampleId :

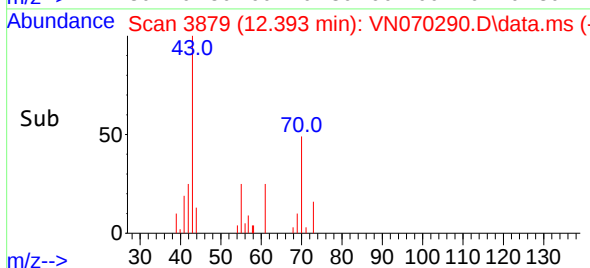
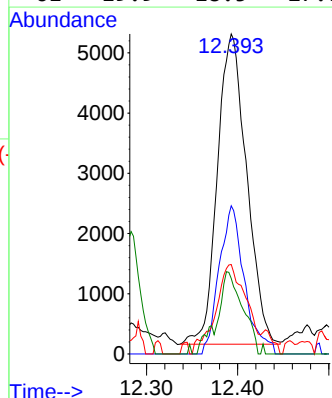
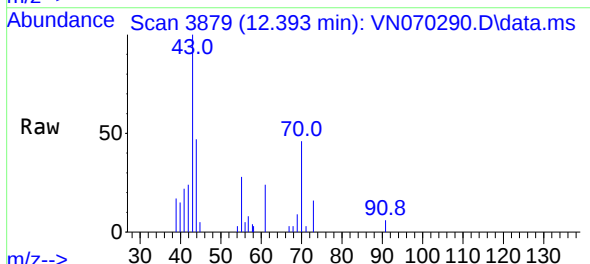


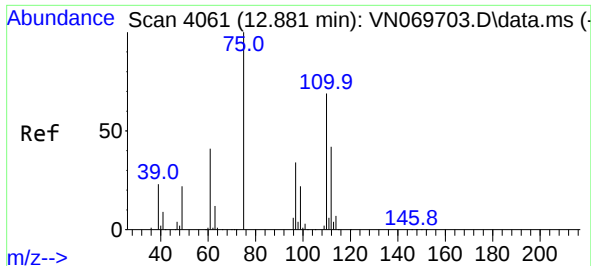
Tgt Ion:105 Resp: 66986
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1



#74
N-ethyl acetate
Concen: 0.521 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.006 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 43 Resp: 11480
Ion Ratio Lower Upper
43 100
70 41.2 33.4 50.0
55 30.3 19.3 28.9#
61 19.9 18.5 27.7

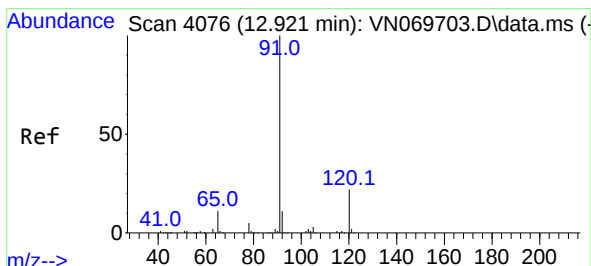
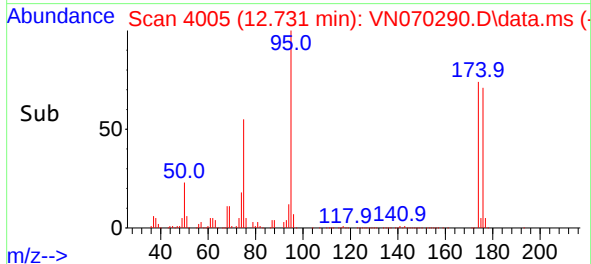
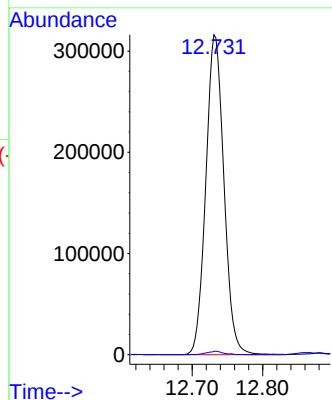
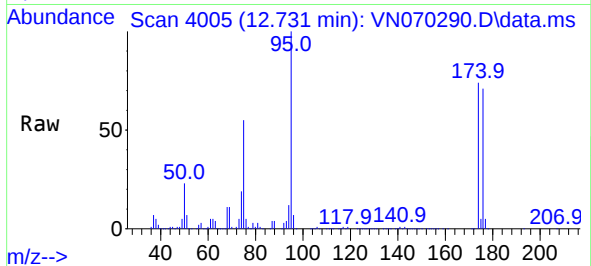




#76
1,2,3-Trichloropropane
Concen: 35.022 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

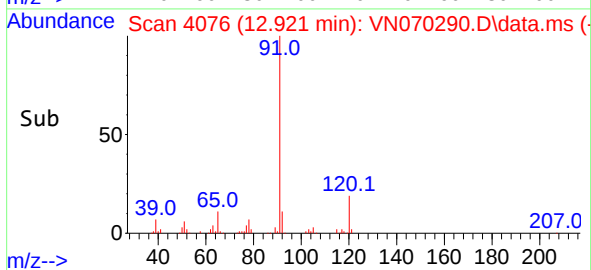
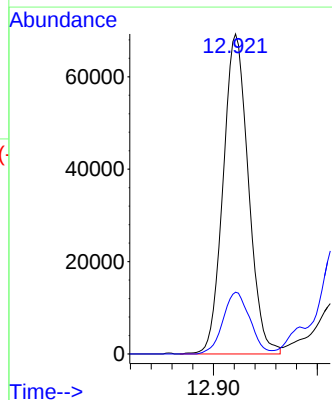
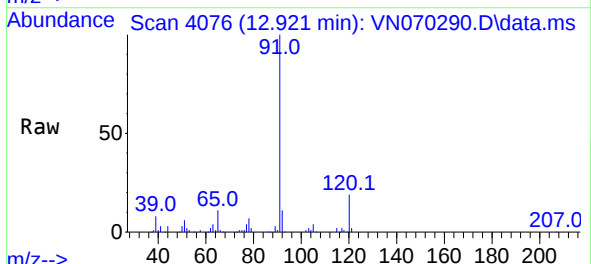
Instrument :
MSVOA_N
ClientSampleId :

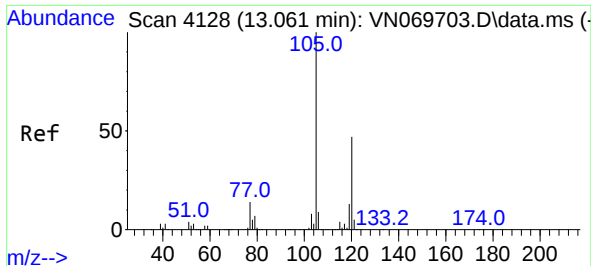
Tgt Ion: 75 Resp: 562944
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#78
n-propylbenzene
Concen: 2.108 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 91 Resp: 116995
Ion Ratio Lower Upper
91 100
120 20.5 11.9 35.9

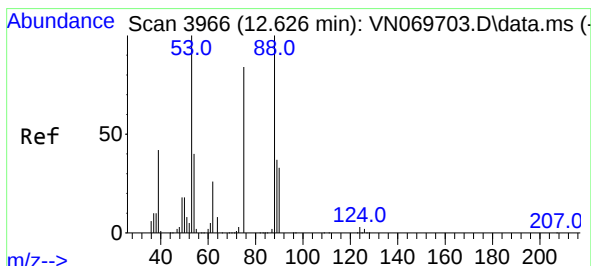
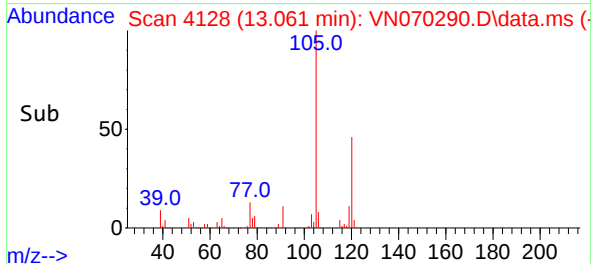
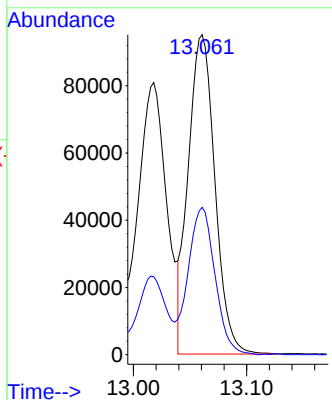
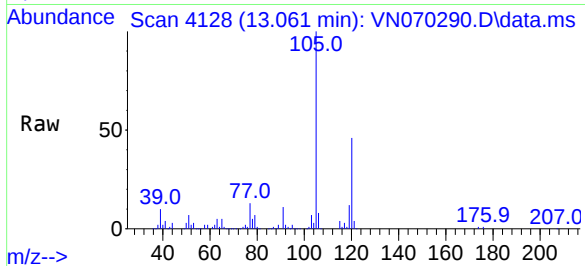




#80
1,3,5-Trimethylbenzene
Concen: 3.866 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

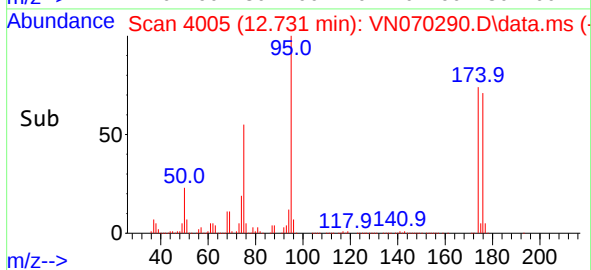
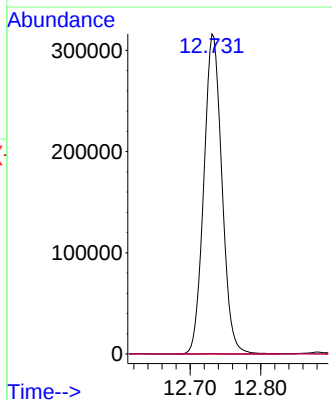
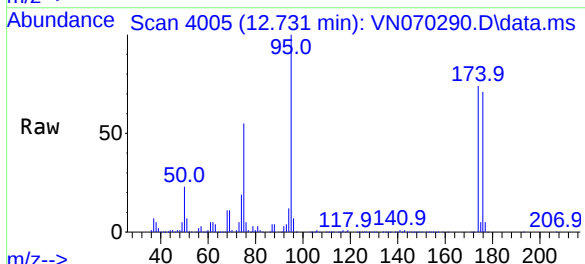
Instrument :
MSVOA_N
ClientSampleId :

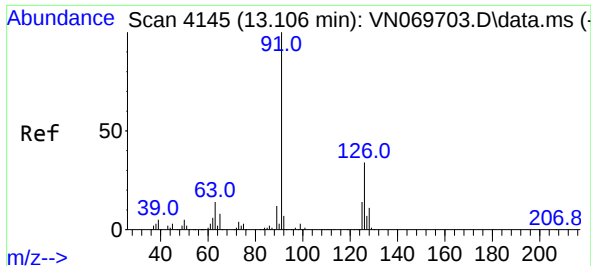
Tgt Ion:105 Resp: 155161
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 109.373 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 75 Resp: 562944
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

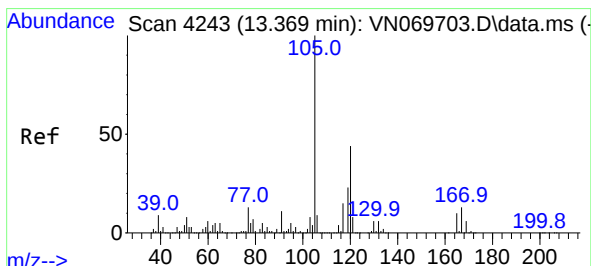
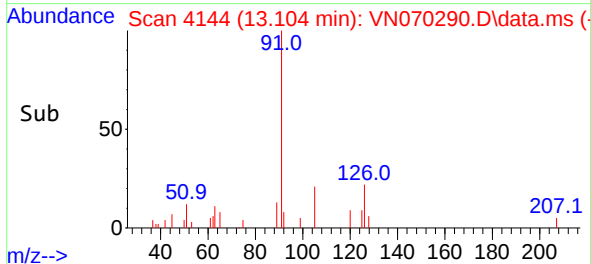
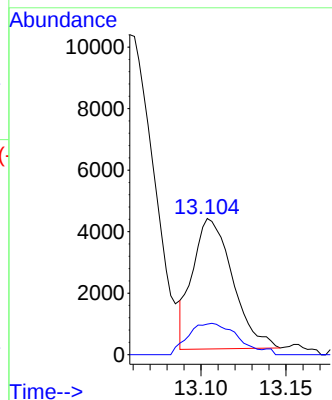
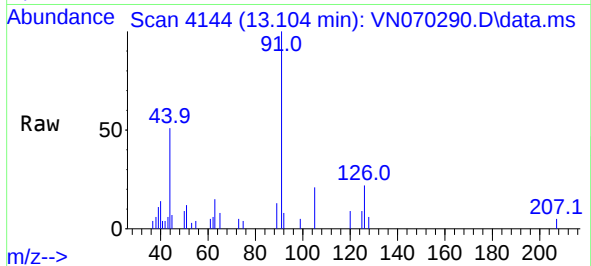




#82
4-Chlorotoluene
Concen: 0.210 ug/l
RT: 13.104 min Scan# 4145
Delta R.T. -0.003 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

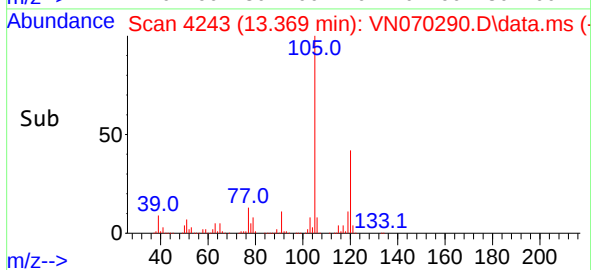
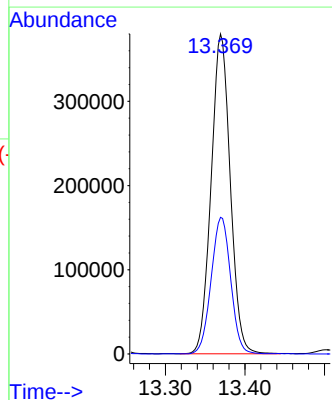
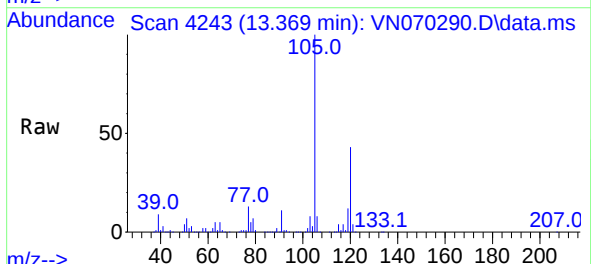
Instrument :
MSVOA_N
ClientSampleId :

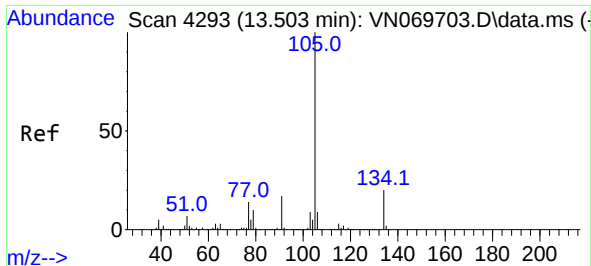
Tgt Ion: 91 Resp: 6918
Ion Ratio Lower Upper
91 100
126 30.1 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 16.583 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion:105 Resp: 633931
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4

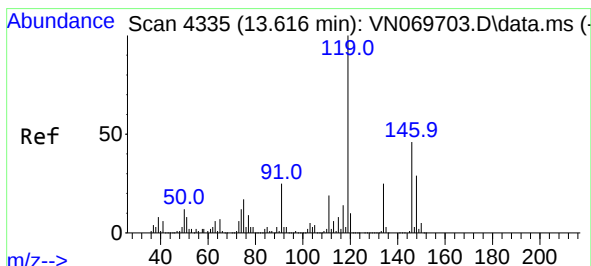
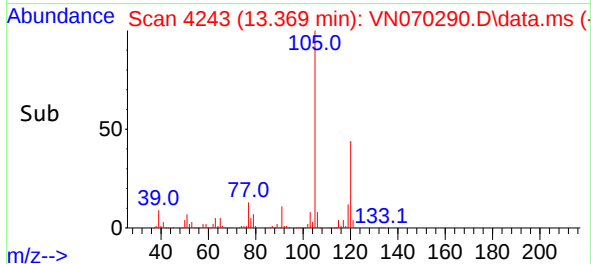
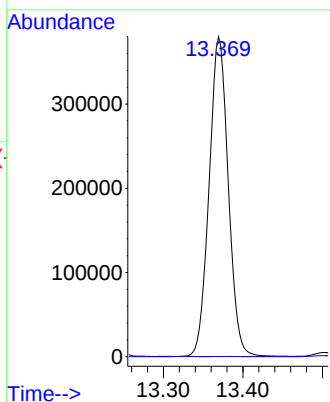
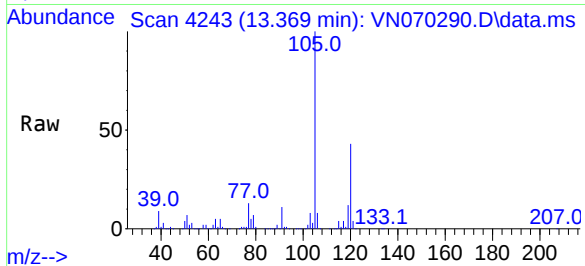




#85
 sec-Butylbenzene
 Concen: 13.149 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN070290.D
 Acq: 22 Dec 2021 15:08

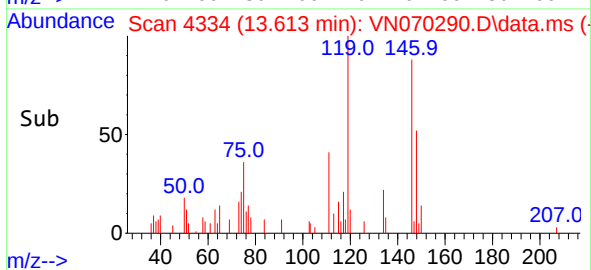
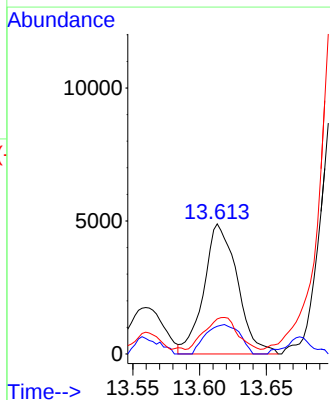
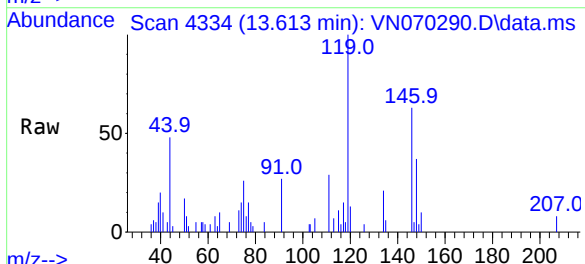
Instrument :
 MSVOA_N
 ClientSampleId :

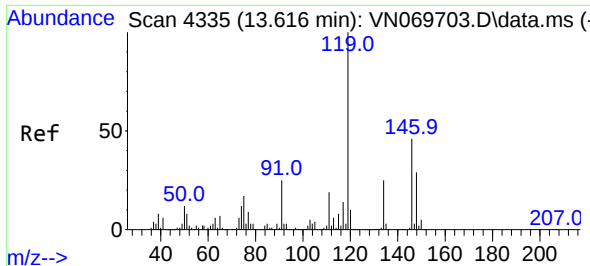
Tgt Ion:105 Resp: 633931
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.226 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070290.D
 Acq: 22 Dec 2021 15:08

Tgt Ion:119 Resp: 8512
 Ion Ratio Lower Upper
 119 100
 134 23.0 13.6 40.7
 91 0.0 11.4 34.1#





#87

1,3-Dichlorobenzene

Concen: 0.298 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. -0.003 min

Lab File: VN070290.D

Acq: 22 Dec 2021 15:08

Instrument :

MSVOA_N

ClientSampleId :

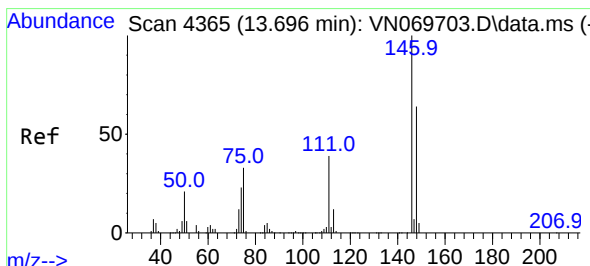
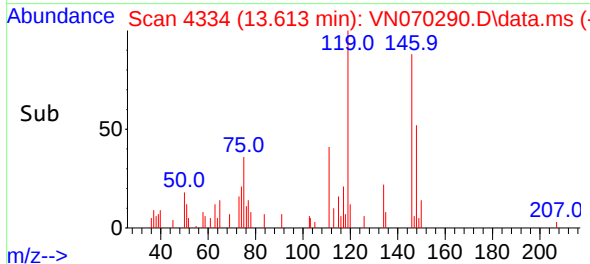
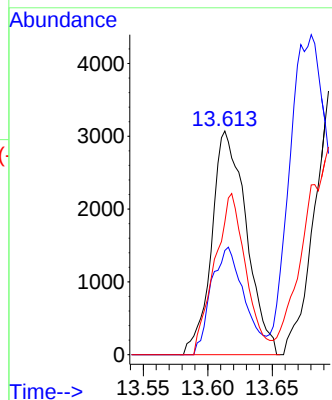
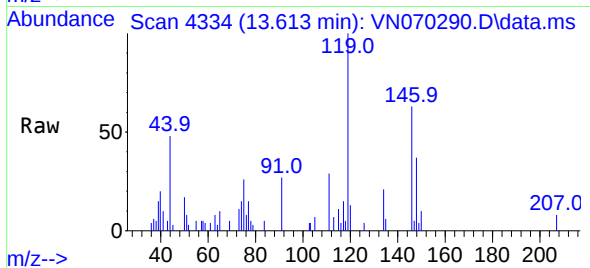
Tgt Ion:146 Resp: 5729

Ion Ratio Lower Upper

146 100

111 46.2 18.6 55.6

148 65.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.303 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. -0.083 min

Lab File: VN070290.D

Acq: 22 Dec 2021 15:08

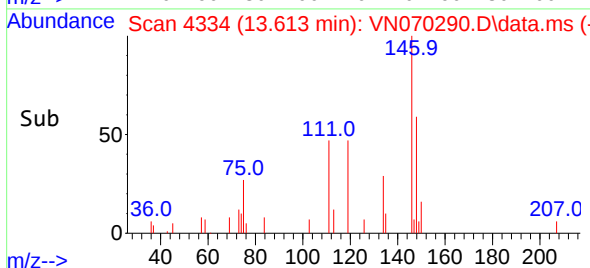
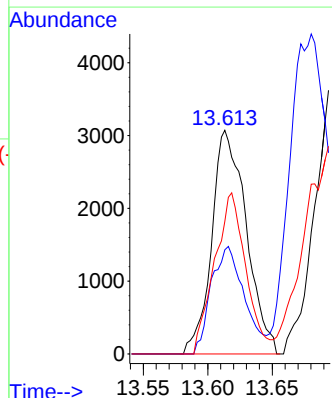
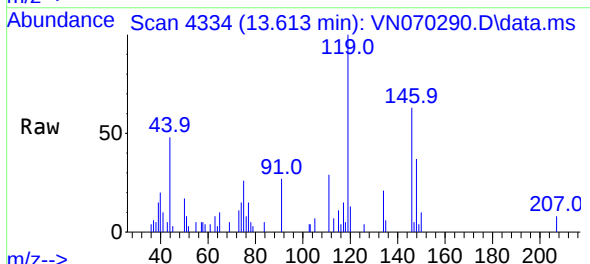
Tgt Ion:146 Resp: 5729

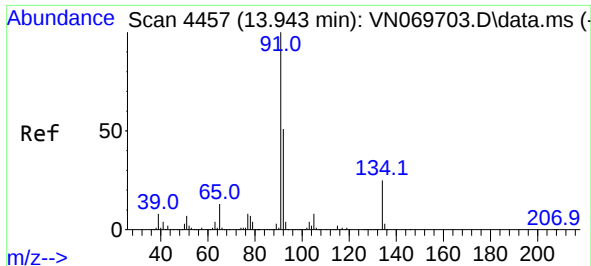
Ion Ratio Lower Upper

146 100

111 46.2 18.3 54.8

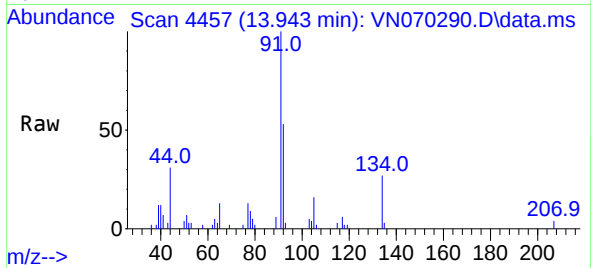
148 65.3 31.8 95.4



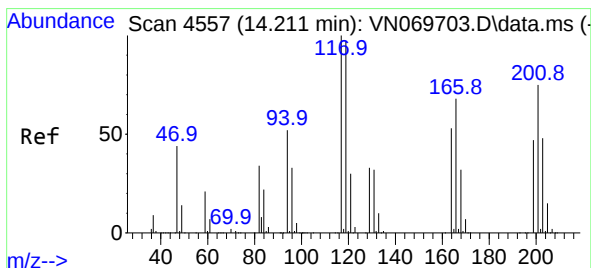
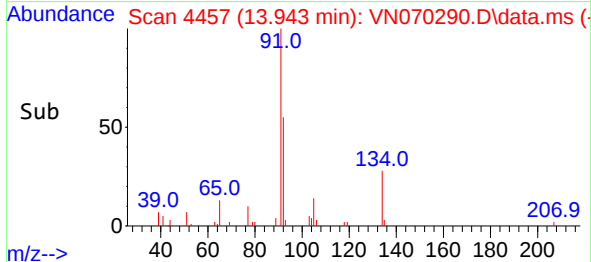
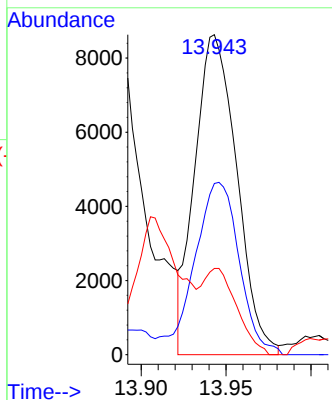


#89
n-Butylbenzene
Concen: 0.486 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Instrument :
MSVOA_N
ClientSampleId :

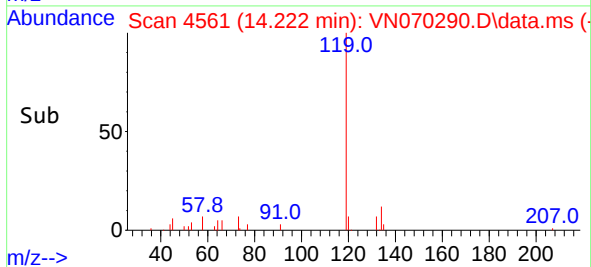
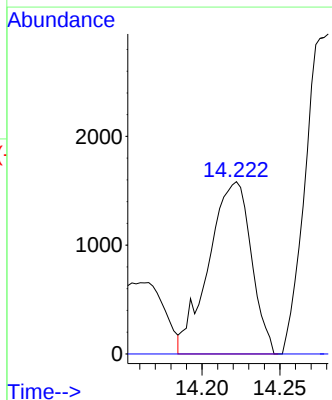
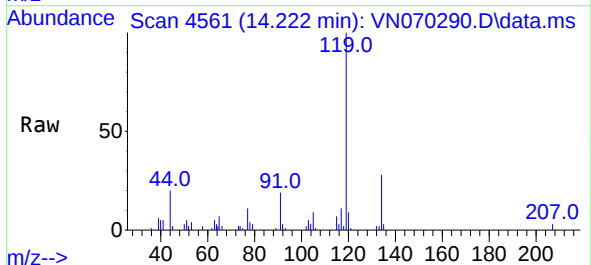


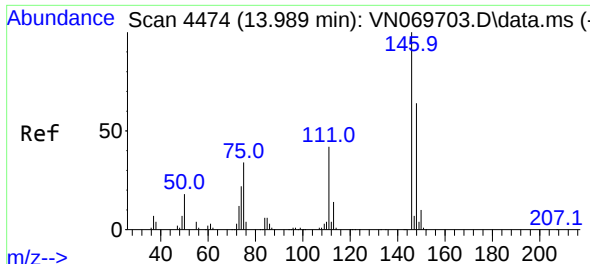
Tgt Ion: 91 Resp: 14862
Ion Ratio Lower Upper
91 100
92 56.1 25.4 76.0
134 20.2 13.6 40.8



#90
Hexachloroethane
Concen: 0.454 ug/l
RT: 14.222 min Scan# 4561
Delta R.T. 0.011 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

Tgt Ion: 117 Resp: 3006
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.325 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VN070290.D

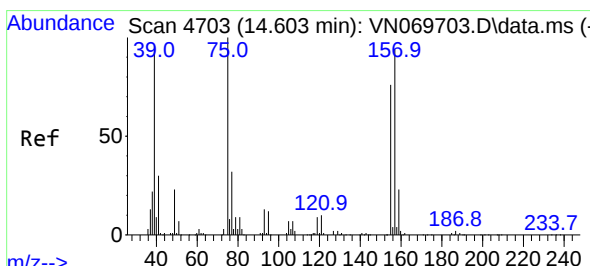
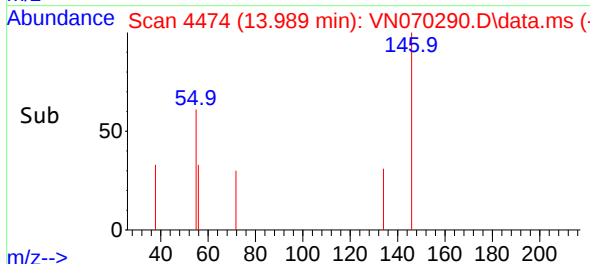
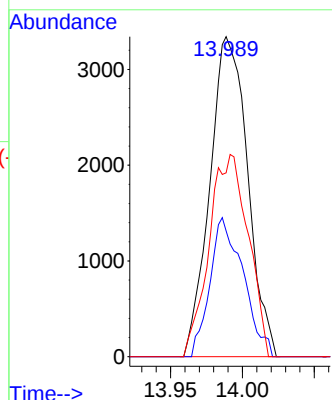
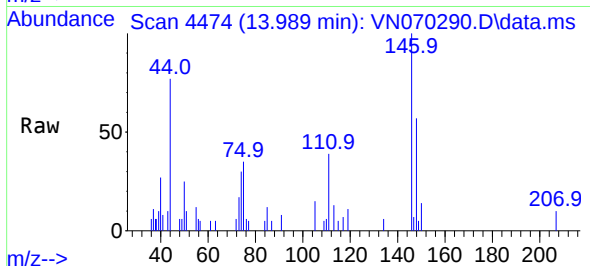
Acq: 22 Dec 2021 15:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	6103
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	65.4	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.578 ug/l

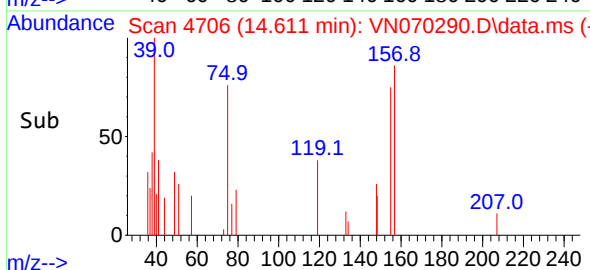
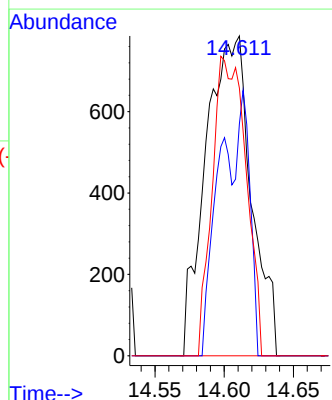
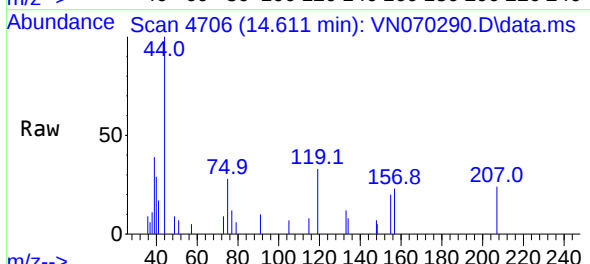
RT: 14.611 min Scan# 4706

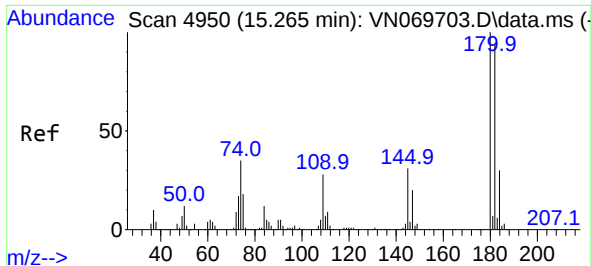
Delta R.T. 0.008 min

Lab File: VN070290.D

Acq: 22 Dec 2021 15:08

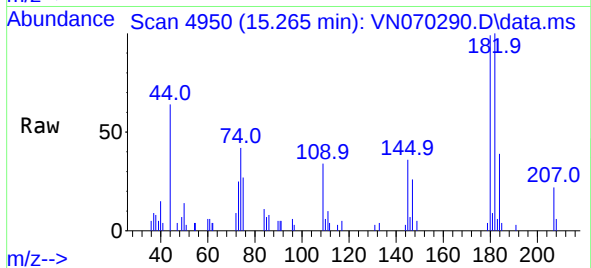
Tgt Ion:	75	Resp:	1801
Ion	Ratio	Lower	Upper
75	100		
155	25.4	46.9	140.7#
157	0.0	60.6	181.7#



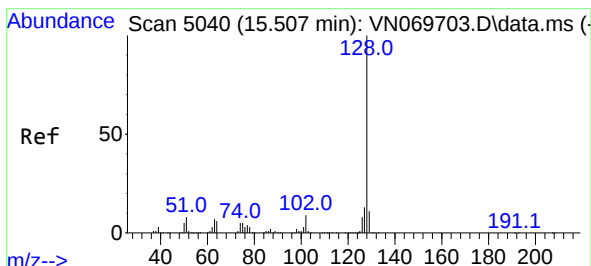
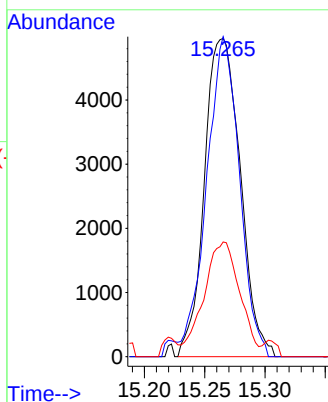
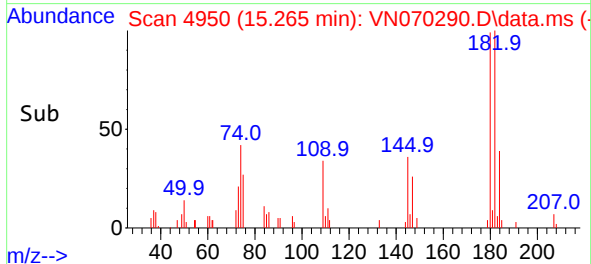


#93
1,2,4-Trichlorobenzene
Concen: 3.928 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08

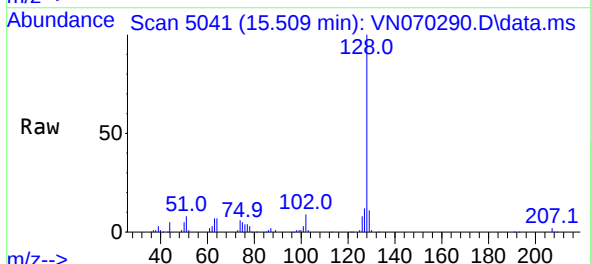
Instrument :
MSVOA_N
ClientSampleId :



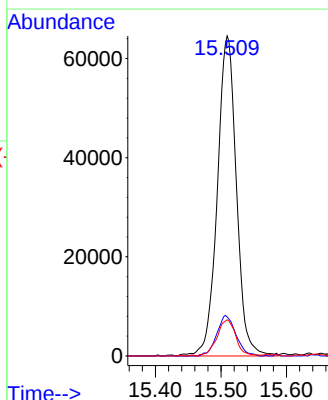
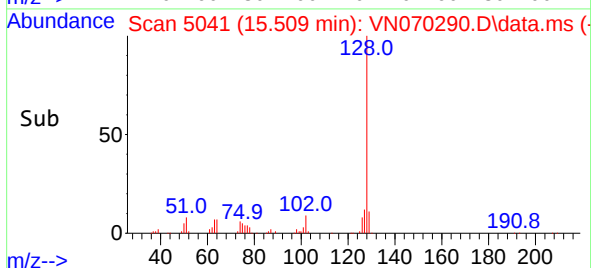
Tgt Ion:180 Resp: 10243
Ion Ratio Lower Upper
180 100
182 92.1 48.3 144.9
145 36.1 14.5 43.5

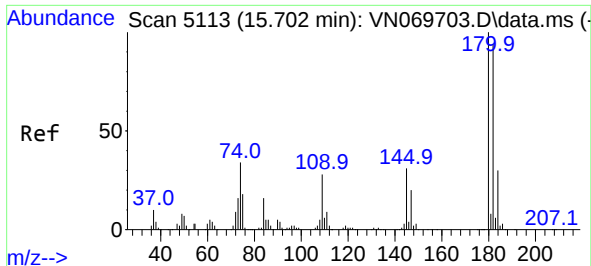


#95
Naphthalene
Concen: 8.376 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN070290.D
Acq: 22 Dec 2021 15:08



Tgt Ion:128 Resp: 130687
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.2 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 3.786 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

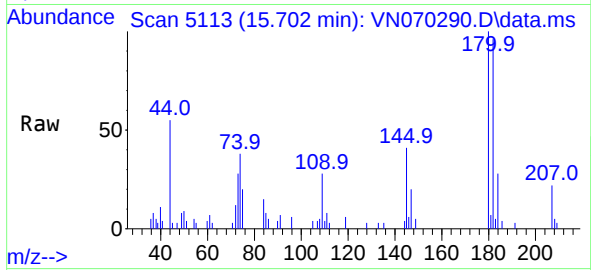
Lab File: VN070290.D

Acq: 22 Dec 2021 15:08

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 12724

Ion	Ratio	Lower	Upper
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180	100		
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182	96.6	47.4	142.2
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145	42.7	15.0	45.1
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