

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070289.D
 Acq On : 22 Dec 2021 14:13
 Operator : JC/MD
 Sample : M5039-08DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 14:45:51 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	8.086	168	1216113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1992933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1788630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	674247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	884811	47.123	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.240%
35) Dibromofluoromethane	8.021	113	587512	47.064	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.120%
50) Toluene-d8	10.441	98	2294703	45.780	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.731	95	816949	44.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.382	59	56003	15.779	ug/l #	71
16) Acetone	4.299	43	22329	1.977	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	541386	12.020	ug/l #	90
20) Methylene Chloride	5.101	84	5124	0.341	ug/l #	94
25) 2-Butanone	7.348	43	13533	0.882	ug/l #	88
29) Tetrahydrofuran	7.697	42	2156	0.231	ug/l #	66
31) Cyclohexane	8.086	56	54562	2.088	ug/l #	58
36) 1,1-Dichloropropene	8.086	75	99981	5.270	ug/l #	49
38) Carbon Tetrachloride	8.086	117	123068	6.615	ug/l #	16
39) Methylcyclohexane	9.456	83	14060	0.623	ug/l	91
40) Benzene	8.461	78	740386	12.767	ug/l	100
43) Isopropyl Acetate	8.536	43	35809	0.857	ug/l #	55
51) 4-Methyl-2-Pentanone	10.331	43	11056	0.408	ug/l	99
52) Toluene	10.505	92	1826916	51.602	ug/l	98
53) t-1,3-Dichloropropene	10.725	75	1229	2.844	ug/l #	43
54) cis-1,3-Dichloropropene	10.199	75	505	2.019	ug/l #	1
56) Ethyl methacrylate	10.770	69	3139	2.390	ug/l #	72
58) 2-Chloroethyl Vinyl ether	10.041	63	1963	18.639	ug/l #	62
59) 2-Hexanone	11.087	43	32185	1.569	ug/l	83
60) Dibromochloromethane	11.237	129	423	2.403	ug/l	80
67) Ethyl Benzene	11.846	91	1279622	19.414	ug/l	95
68) m/p-Xylenes	11.953	106	1639759	68.325	ug/l	91
69) o-Xylene	12.280	106	1019706	42.182	ug/l	90
70) Styrene	12.280	104	57938	1.511	ug/l #	1
71) Bromoform	12.457	173	624	2.785	ug/l #	29
73) Isopropylbenzene	12.578	105	121555	2.026	ug/l	97
74) N-amyl acetate	12.393	43	14676	0.553	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.827	83	4630	0.223	ug/l #	78
76) 1,2,3-Trichloropropane	12.731	75	437605	22.632	ug/l #	1
78) n-propylbenzene	12.921	91	221007	3.311	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	504355	10.446	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.731	75	437605	72.116	ug/l #	5
82) 4-Chlorotoluene	13.104	91	7973	0.201	ug/l	93
83) tert-Butylbenzene	13.369	119	199445	4.665	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.369	105	1652188	35.930	ug/l	97
85) sec-Butylbenzene	13.369	105	1652188	28.490	ug/l #	56

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

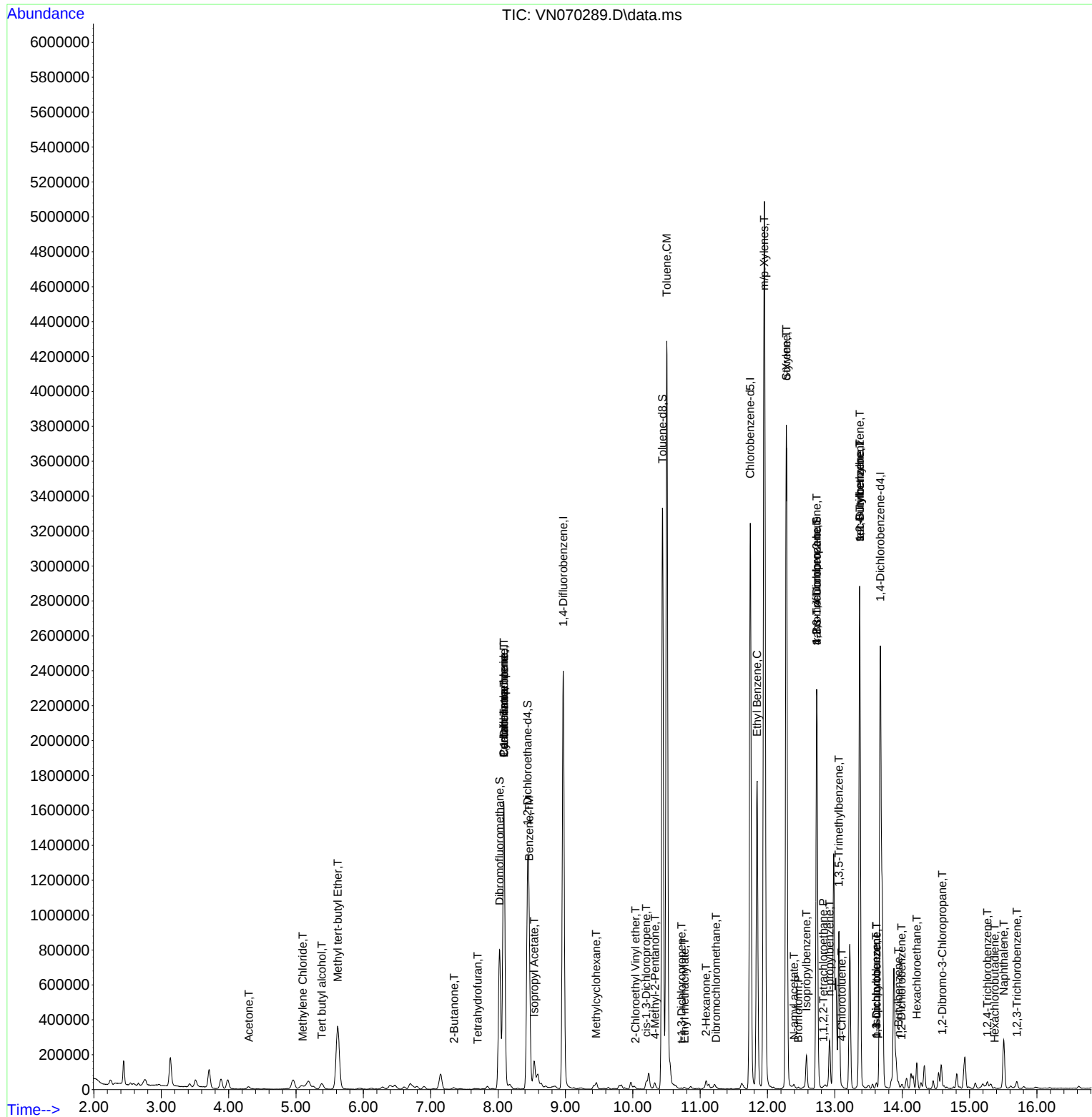
86) p-Isopropyltoluene	13.616	119	11011	0.243	ug/l #	75
87) 1,3-Dichlorobenzene	13.619	146	6292	0.272	ug/l	93
88) 1,4-Dichlorobenzene	13.619	146	6292	0.277	ug/l	92
89) n-Butylbenzene	13.943	91	19867	0.540	ug/l #	77
90) Hexachloroethane	14.217	117	7367	0.926	ug/l #	6
91) 1,2-Dichlorobenzene	13.989	146	6987	0.310	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.595	75	2407	0.642	ug/l #	42
93) 1,2,4-Trichlorobenzene	15.265	180	11813	3.884	ug/l	96
94) Hexachlorobutadiene	15.373	225	1244	0.208	ug/l	87
95) Naphthalene	15.507	128	257875	11.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	14414	3.707	ug/l	94

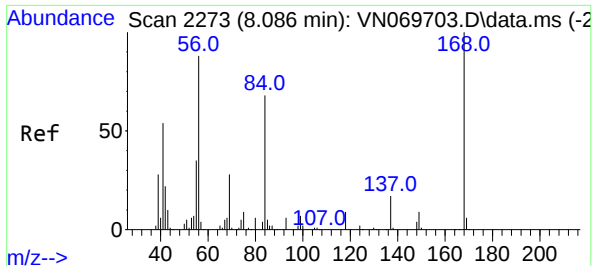
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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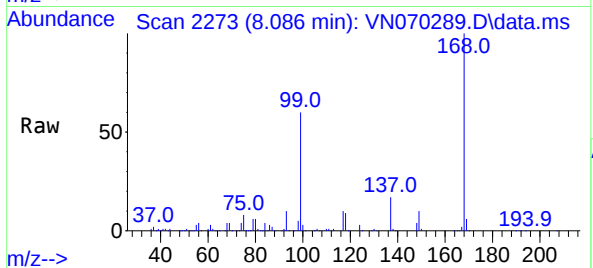
Quant Time: Dec 22 14:45:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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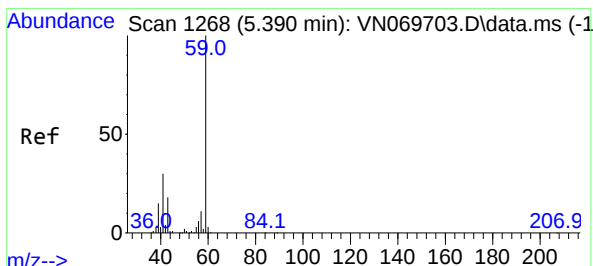
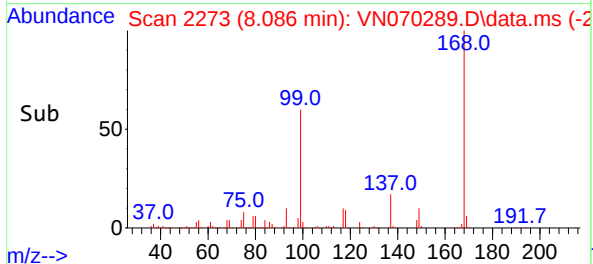
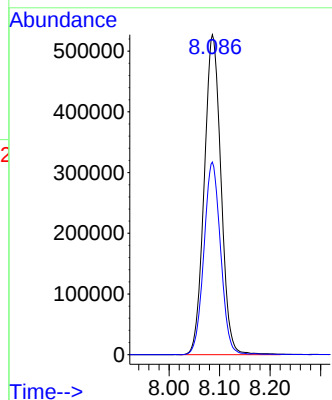


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

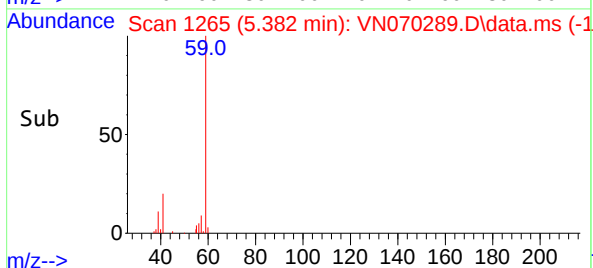
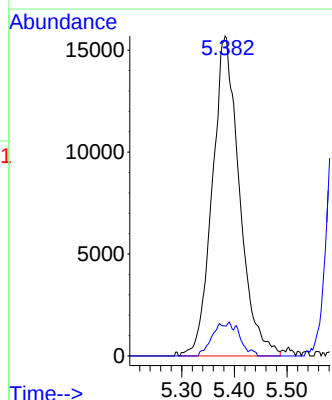
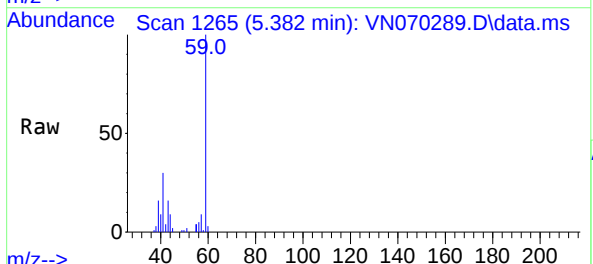


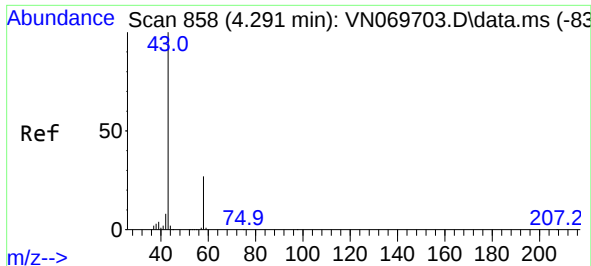
Tgt Ion:168 Resp: 1216113
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 15.779 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 59 Resp: 56003
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

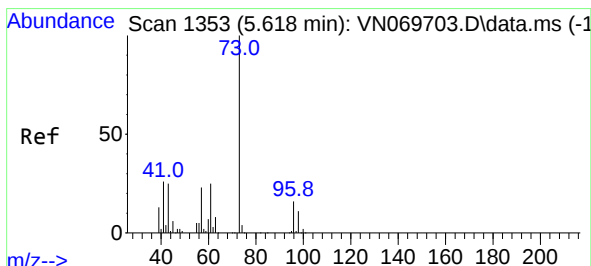
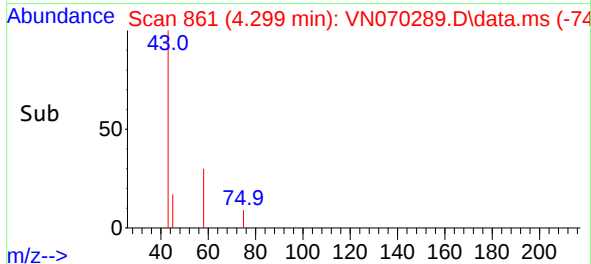
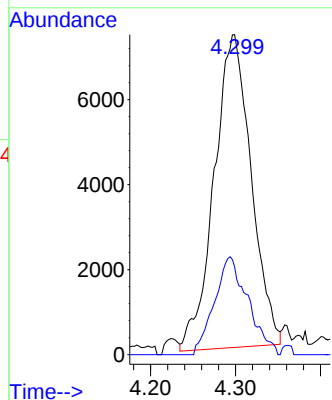
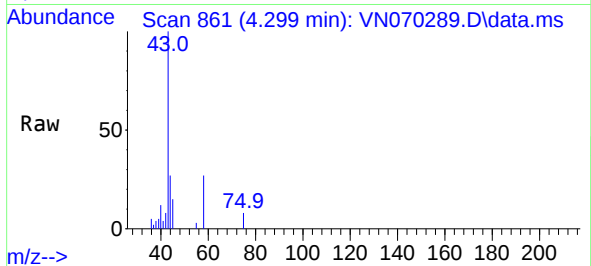




#16
Acetone
Concen: 1.977 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

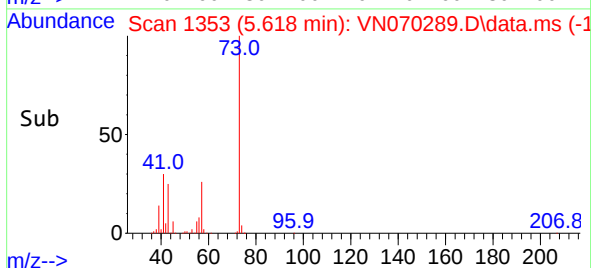
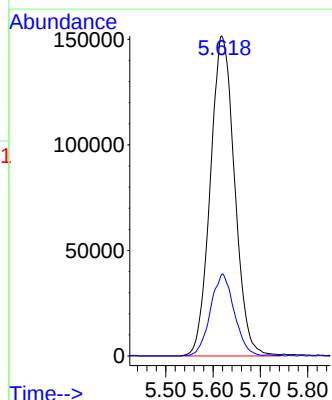
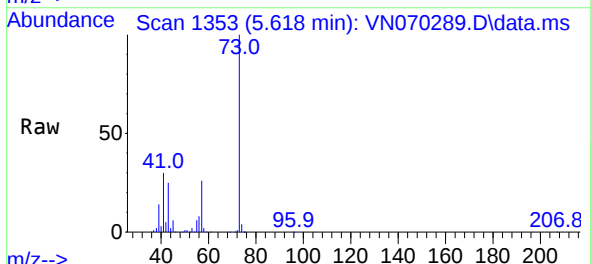
Instrument :
MSVOA_N
ClientSampleId :

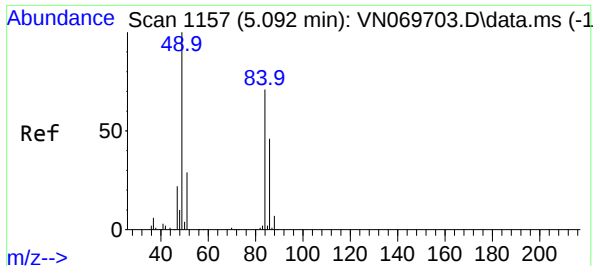
Tgt Ion: 43 Resp: 22329
Ion Ratio Lower Upper
43 100
58 28.4 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 12.020 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

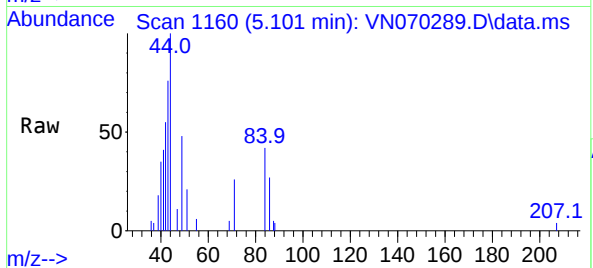
Tgt Ion: 73 Resp: 541386
Ion Ratio Lower Upper
73 100
57 25.6 16.8 25.2#





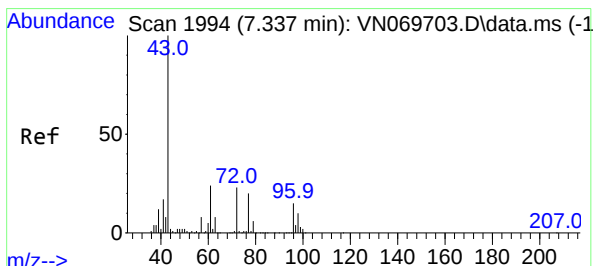
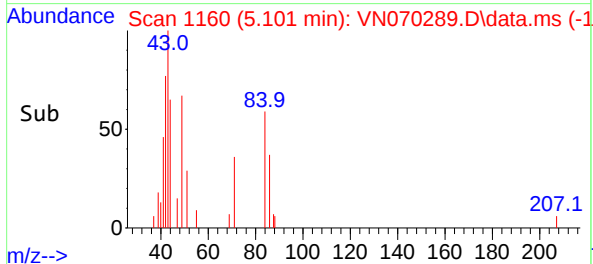
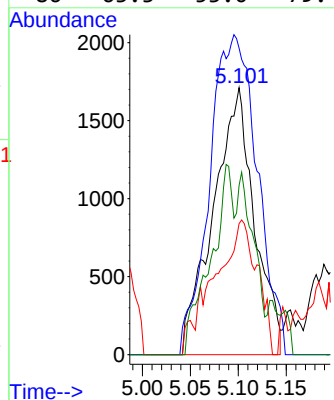
#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 5.101 min Scan# 1157
Delta R.T. 0.008 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 5124

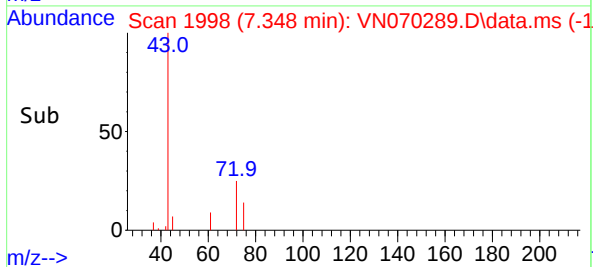
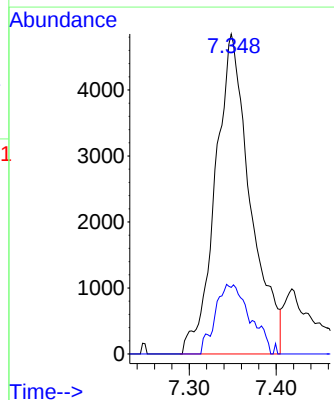
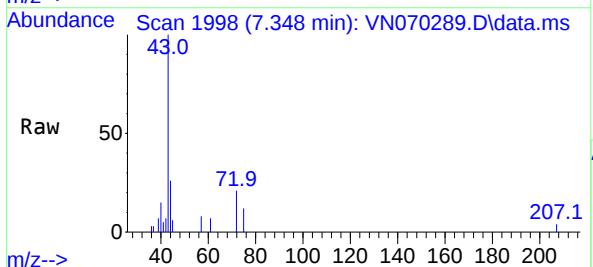
Ion	Ratio	Lower	Upper
84	100		
49	114.8	93.5	140.3
51	49.1	29.4	44.2#
86	63.3	53.0	79.4

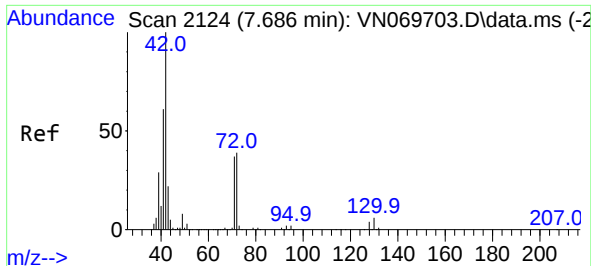


#25
2-Butanone
Concen: 0.882 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 43 Resp: 13533

Ion	Ratio	Lower	Upper
43	100		
72	20.8	21.7	32.5#





#29

Tetrahydrofuran

Concen: 0.231 ug/l

RT: 7.697 min Scan# 2124

Delta R.T. 0.011 min

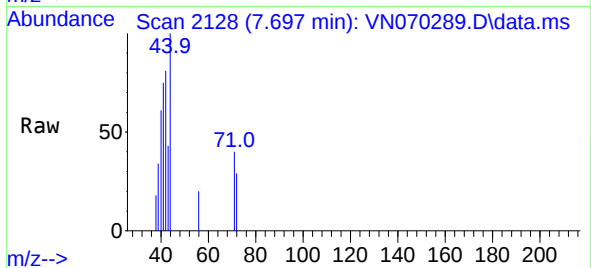
Lab File: VN070289.D

Acq: 22 Dec 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :



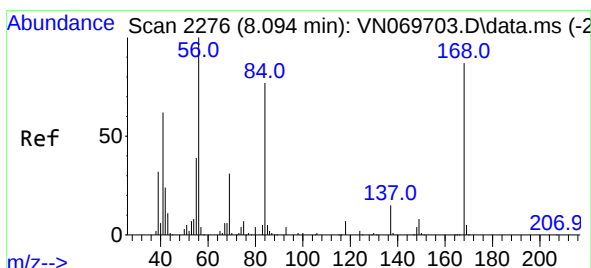
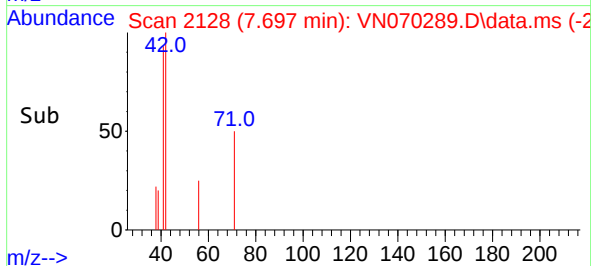
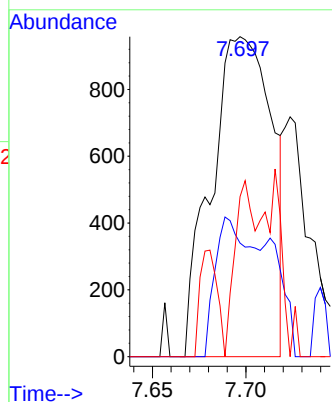
Tgt Ion: 42 Resp: 2156

Ion Ratio Lower Upper

42 100

72 27.0 36.3 54.5#

71 17.5 34.7 52.1#



#31

Cyclohexane

Concen: 2.088 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.008 min

Lab File: VN070289.D

Acq: 22 Dec 2021 14:13

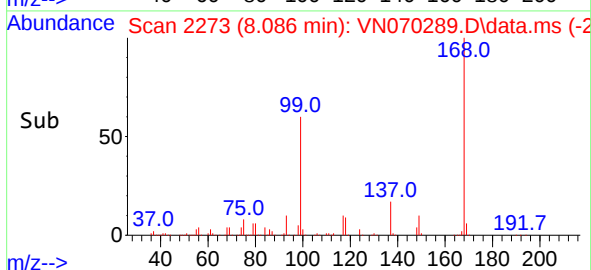
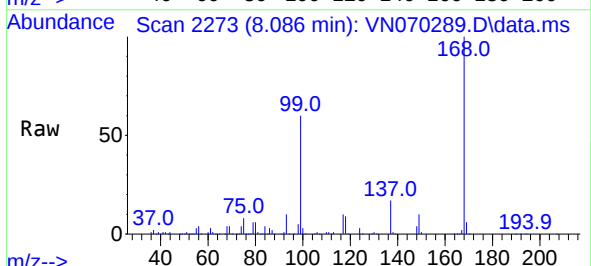
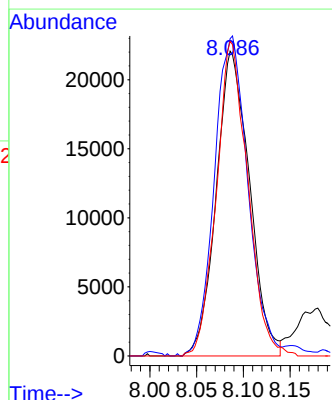
Tgt Ion: 56 Resp: 54562

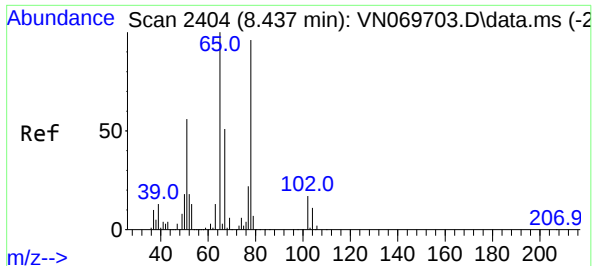
Ion Ratio Lower Upper

56 100

69 104.1 27.1 40.7#

84 103.2 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 47.123 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070289.D

Acq: 22 Dec 2021 14:13

Instrument :

MSVOA_N

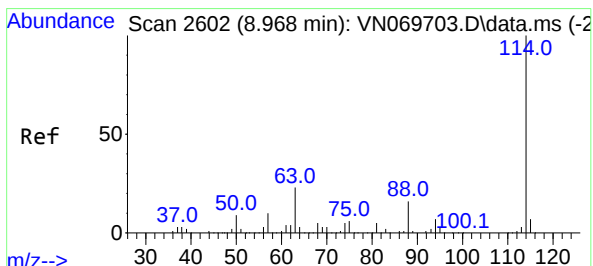
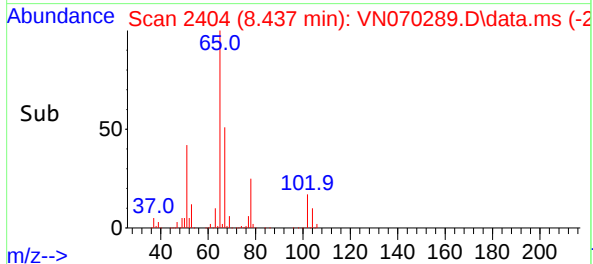
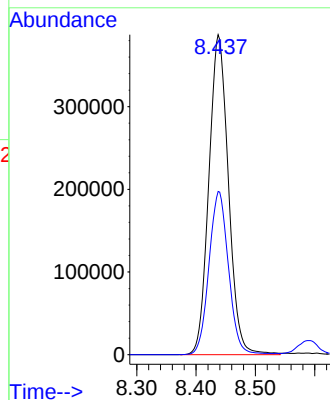
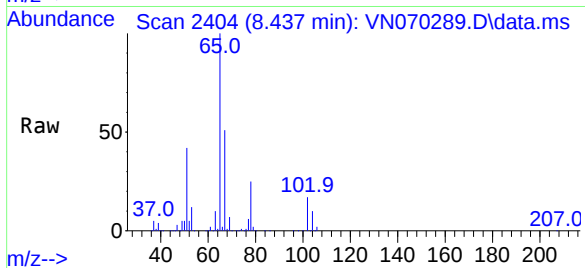
ClientSampleId :

Tgt Ion: 65 Resp: 884811

Ion Ratio Lower Upper

65 100

67 50.9 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: VN070289.D

Acq: 22 Dec 2021 14:13

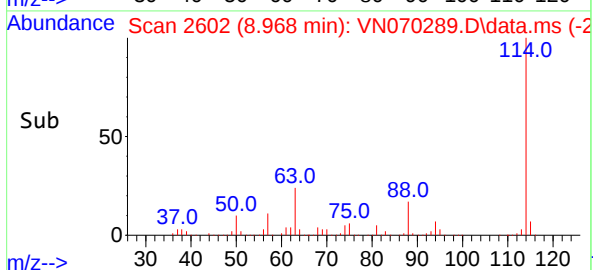
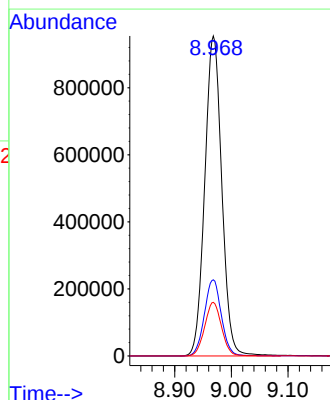
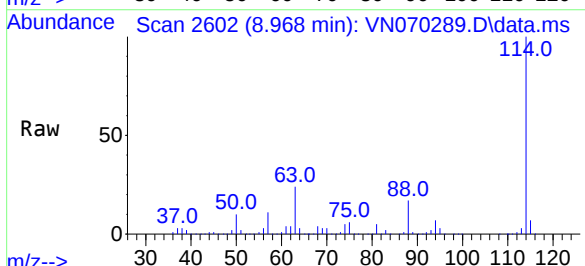
Tgt Ion: 114 Resp: 1992933

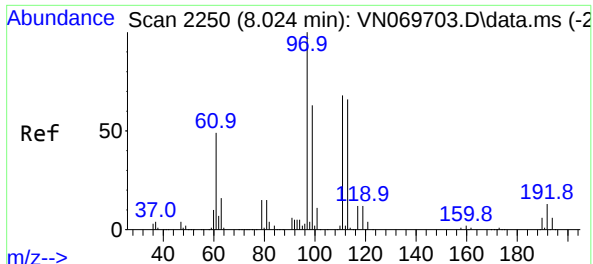
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.8 0.0 27.4

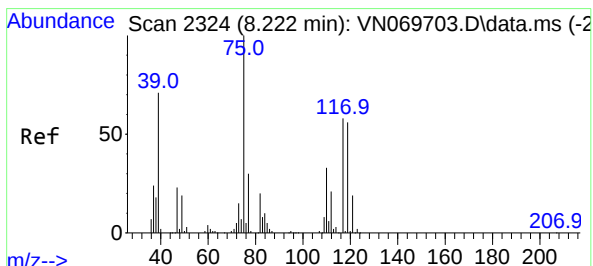
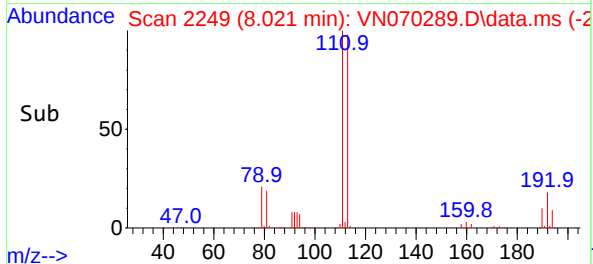
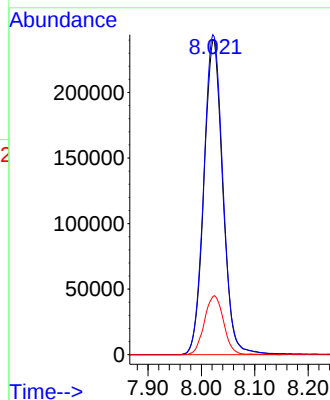
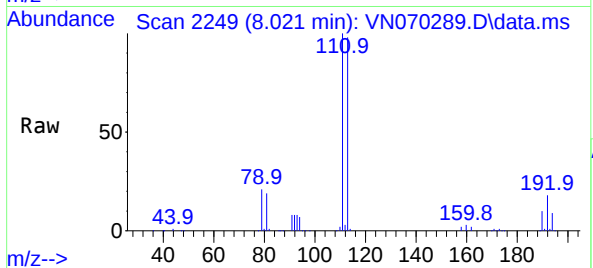




#35
Dibromofluoromethane
Concen: 47.064 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

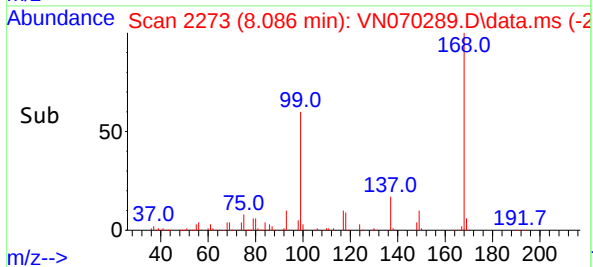
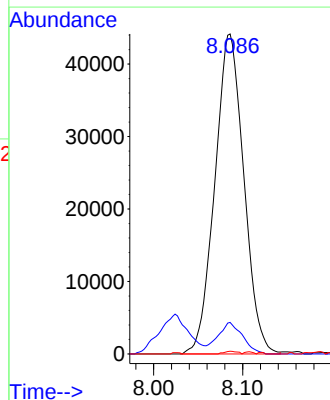
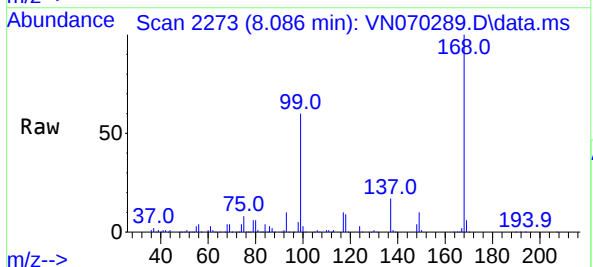
Instrument :
MSVOA_N
ClientSampleId :

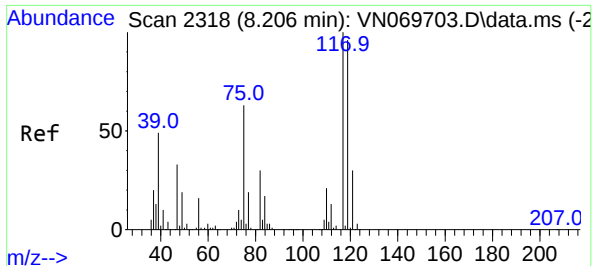
Tgt Ion:113 Resp: 587512
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

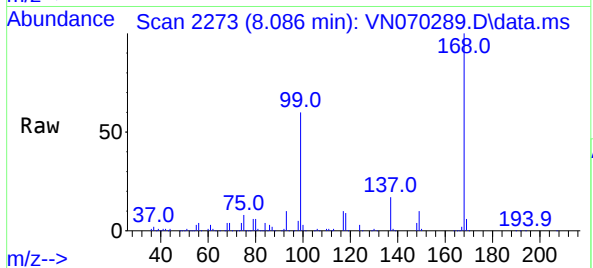
Tgt Ion: 75 Resp: 99981
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



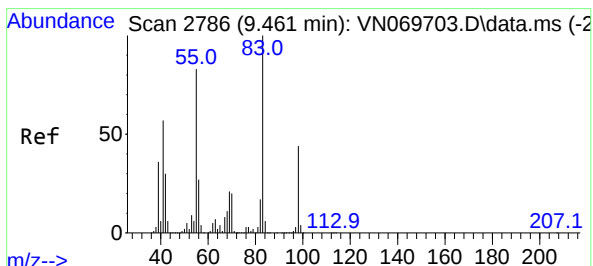
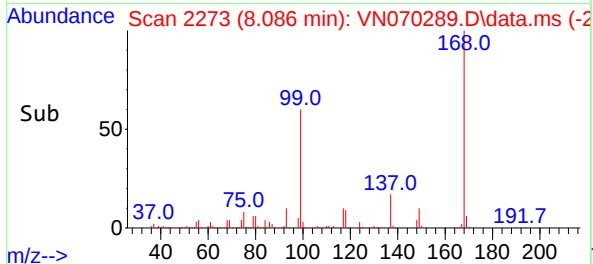
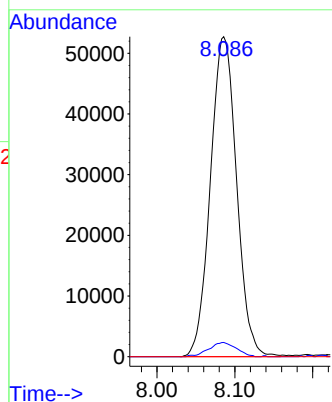


#38
Carbon Tetrachloride
Concen: 6.615 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

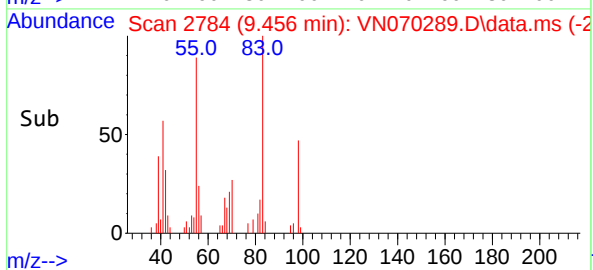
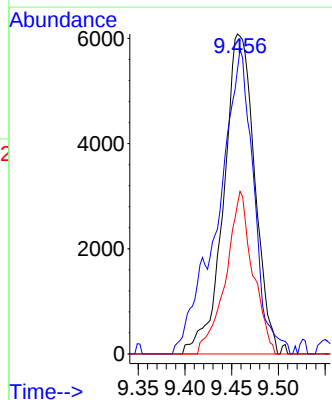
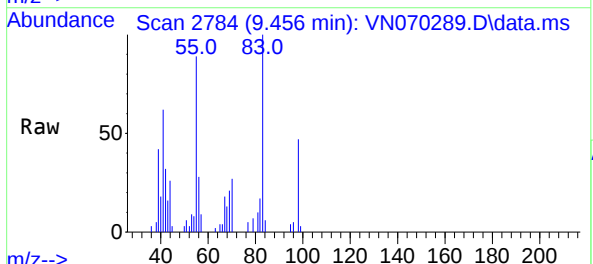


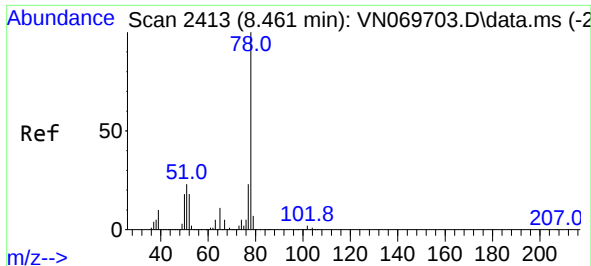
Tgt Ion: 117 Resp: 123068
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.623 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 83 Resp: 14060
Ion Ratio Lower Upper
83 100
55 84.8 58.1 87.1
98 46.9 38.4 57.6

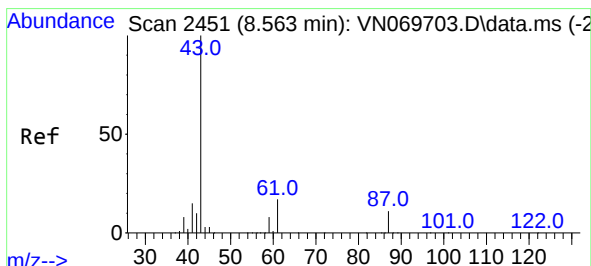
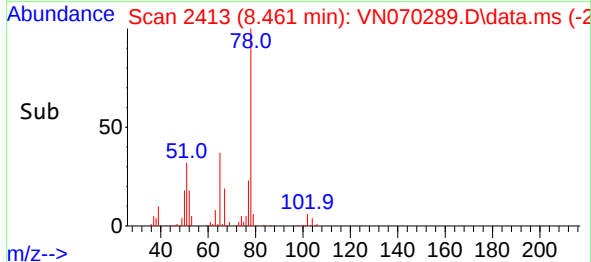
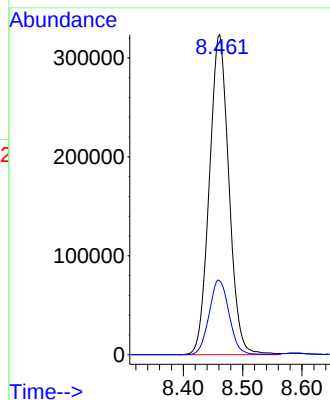
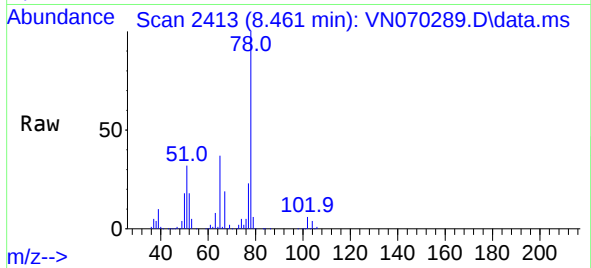




#40
Benzene
Concen: 12.767 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

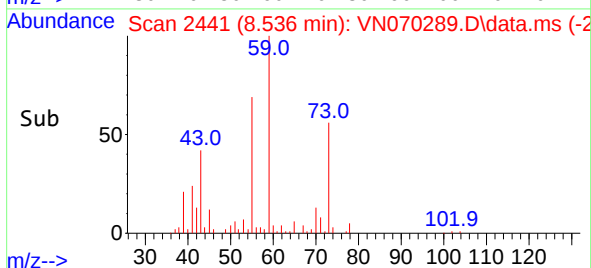
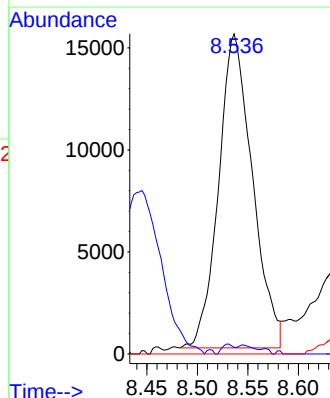
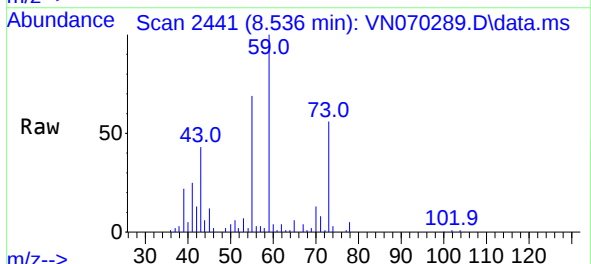
Instrument :
MSVOA_N
ClientSampleId :

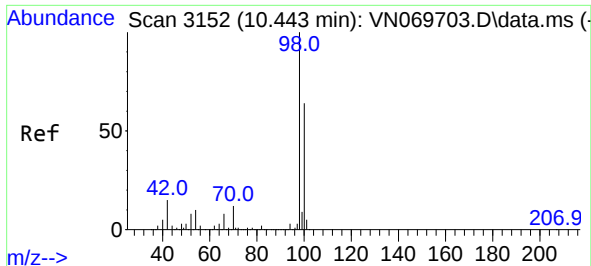
Tgt Ion: 78 Resp: 740386
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8



#43
Isopropyl Acetate
Concen: 0.857 ug/l
RT: 8.536 min Scan# 2441
Delta R.T. -0.027 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 43 Resp: 35809
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

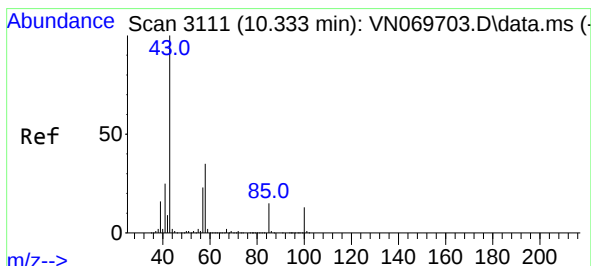
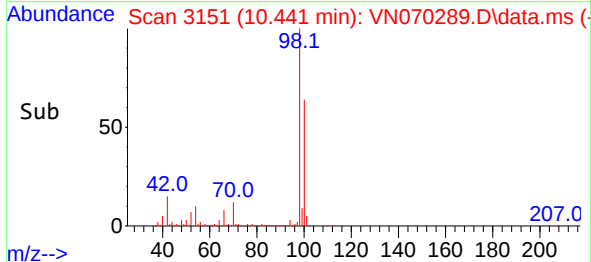
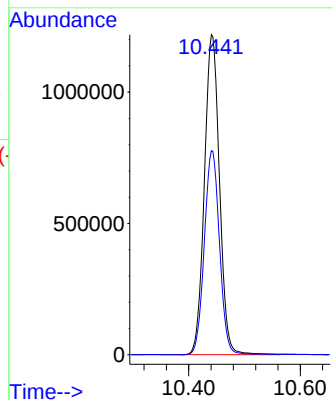
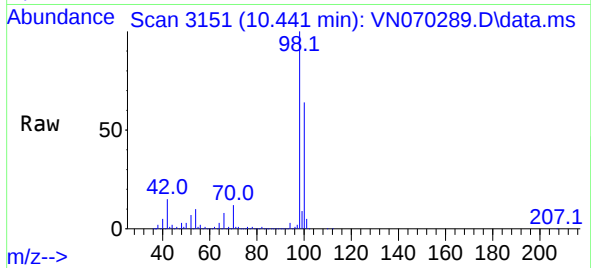




#50
Toluene-d8
Concen: 45.780 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

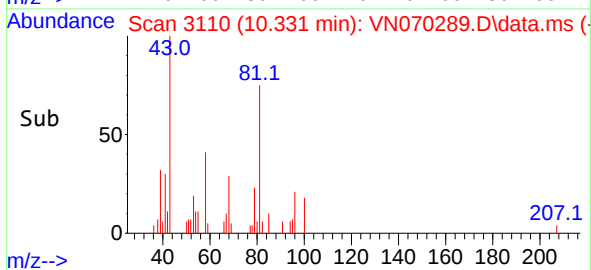
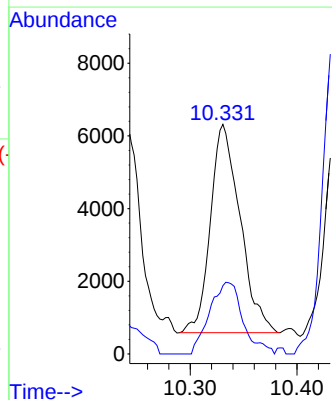
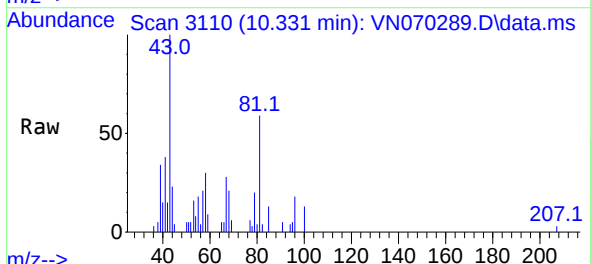
Instrument :
MSVOA_N
ClientSampleId :

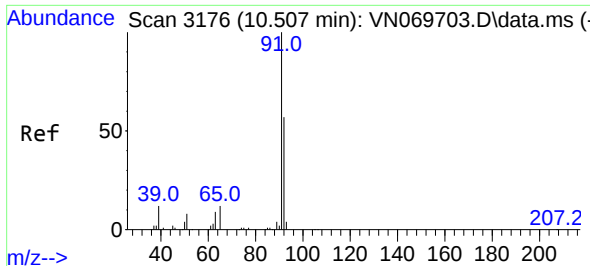
Tgt Ion: 98 Resp: 2294703
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.408 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 43 Resp: 11056
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

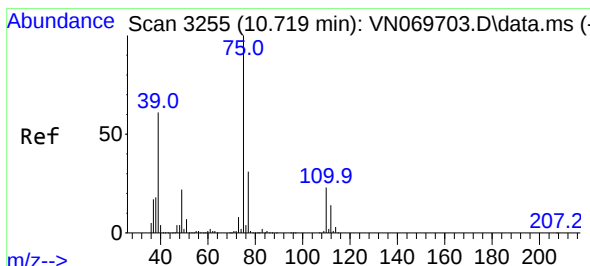
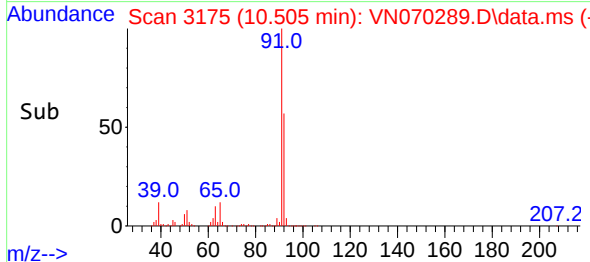
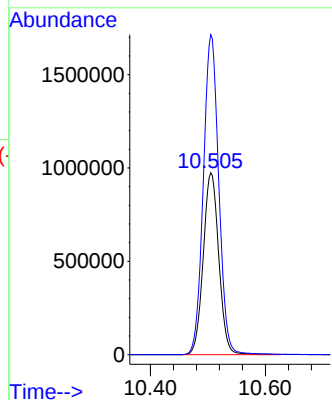
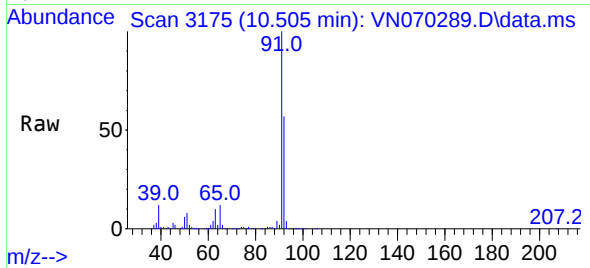




#52
Toluene
Concen: 51.602 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

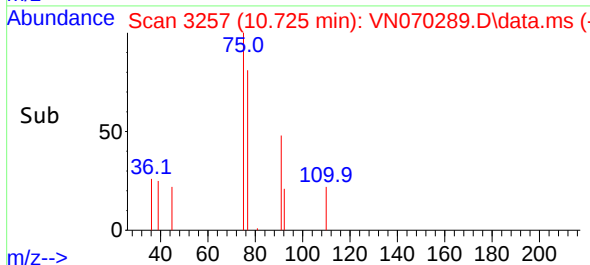
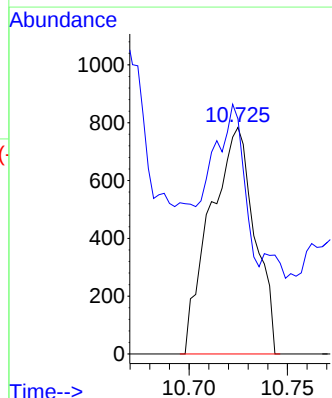
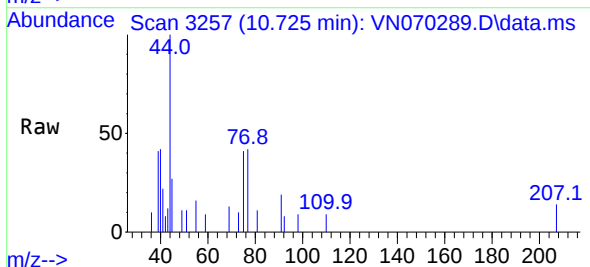
Instrument :
MSVOA_N
ClientSampleId :

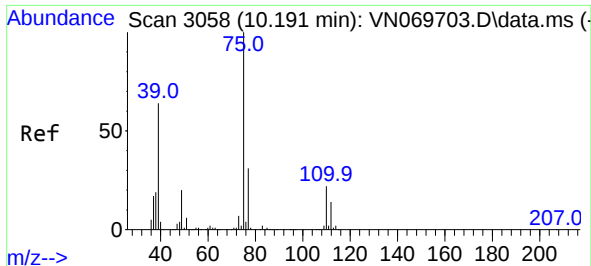
Tgt Ion: 92 Resp: 1826916
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.844 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.006 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

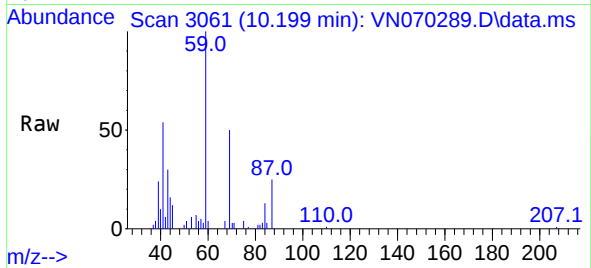
Tgt Ion: 75 Resp: 1229
Ion Ratio Lower Upper
75 100
77 63.6 25.6 38.4#



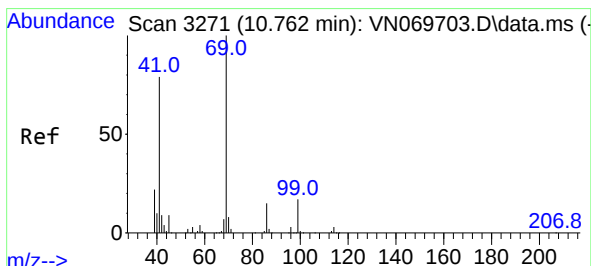
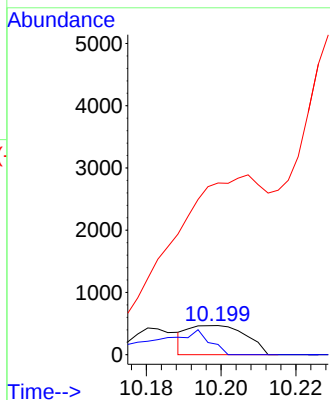
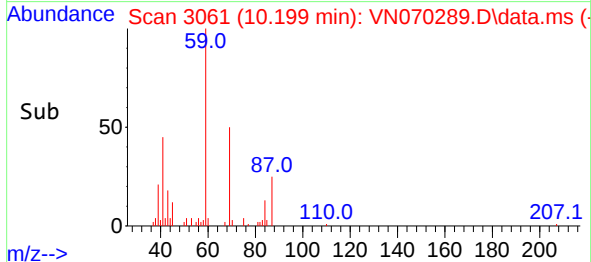


#54
 cis-1,3-Dichloropropene
 Concen: 2.019 ug/l
 RT: 10.199 min Scan# 3058
 Delta R.T. 0.008 min
 Lab File: VN070289.D
 Acq: 22 Dec 2021 14:13

Instrument :
 MSVOA_N
 ClientSampleId :

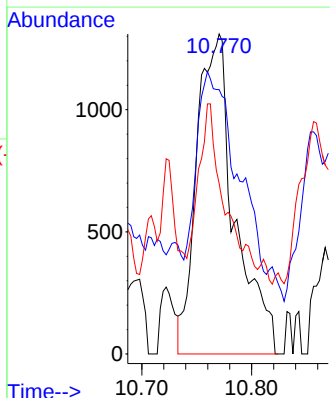
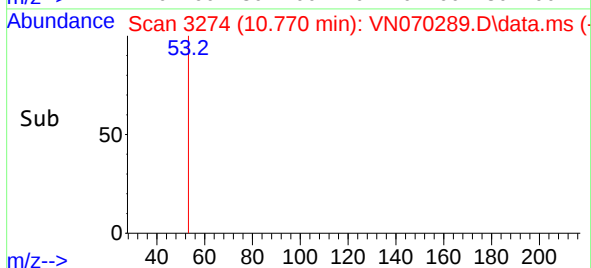
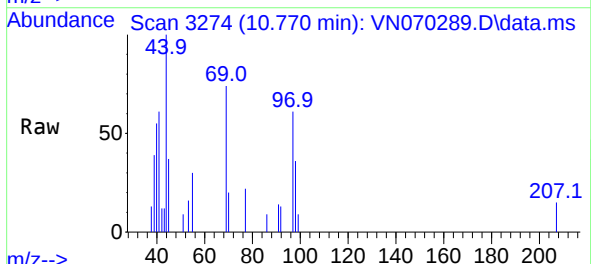


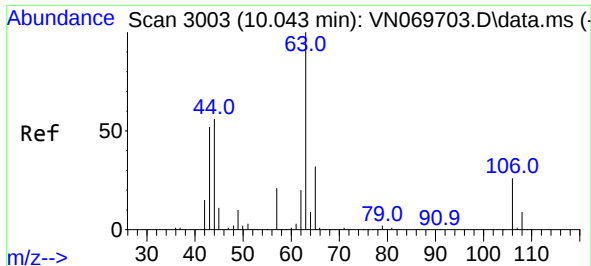
Tgt Ion: 75	Resp: 505
Ion Ratio	Lower Upper
75 100	
77 35.3	26.4 39.6
39 176.1	42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.390 ug/l
 RT: 10.770 min Scan# 3274
 Delta R.T. 0.008 min
 Lab File: VN070289.D
 Acq: 22 Dec 2021 14:13

Tgt Ion: 69	Resp: 3139
Ion Ratio	Lower Upper
69 100	
41 64.7	51.4 77.0
39 0.0	34.6 52.0#

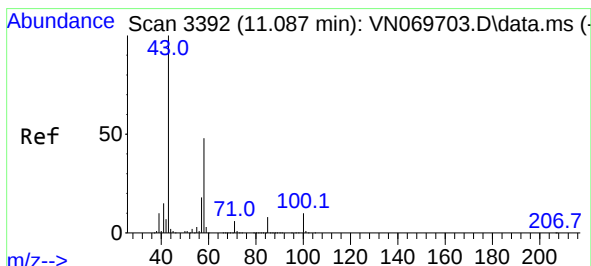
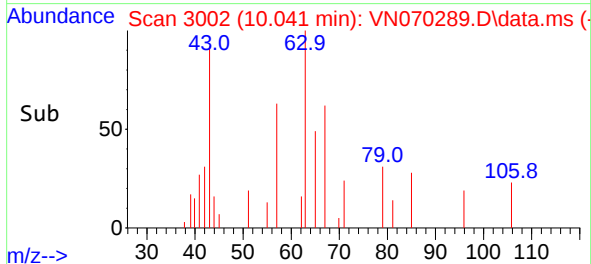
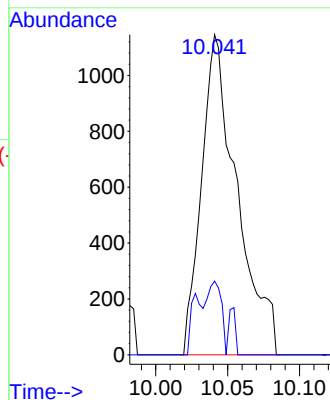
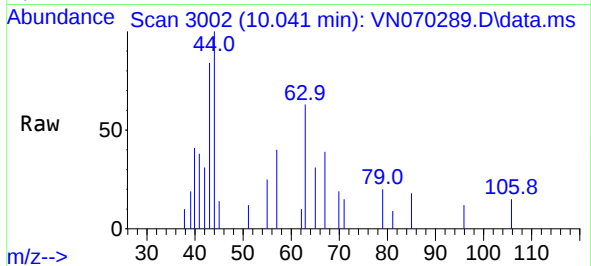




#58
2-Chloroethyl Vinyl ether
Concen: 18.639 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

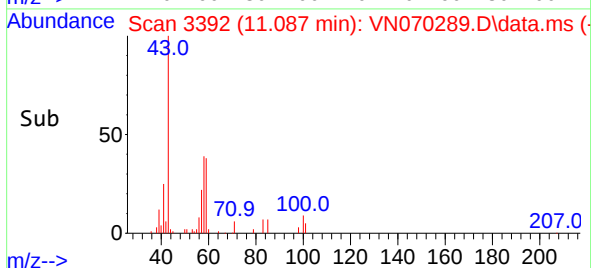
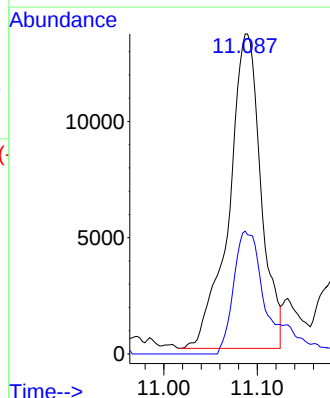
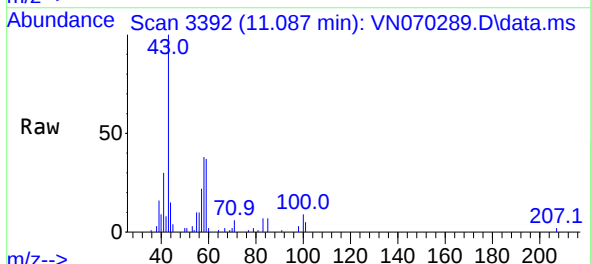
Instrument :
MSVOA_N
ClientSampleId :

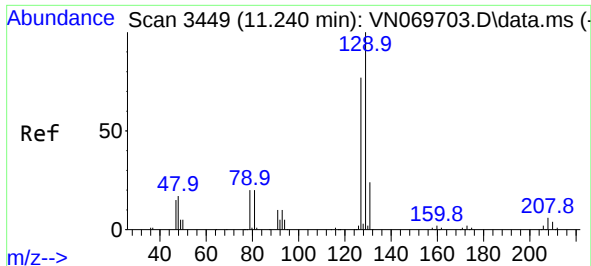
Tgt Ion: 63 Resp: 1963
Ion Ratio Lower Upper
63 100
106 9.2 23.9 35.9#



#59
2-Hexanone
Concen: 1.569 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 43 Resp: 32185
Ion Ratio Lower Upper
43 100
58 41.7 26.9 80.7

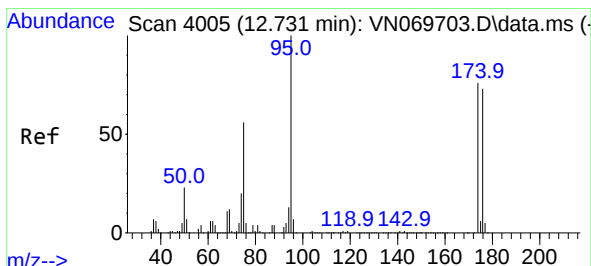
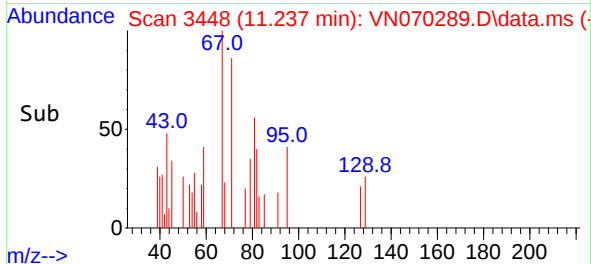
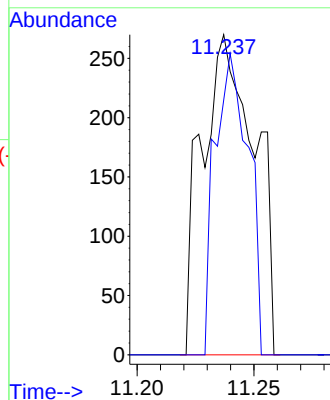
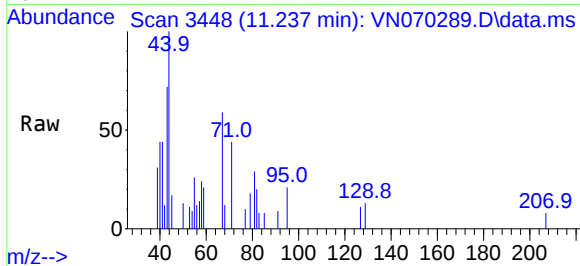




#60
Dibromochloromethane
Concen: 2.403 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

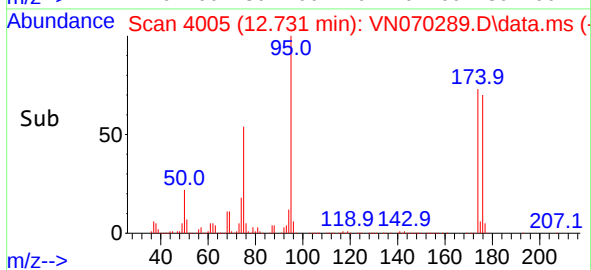
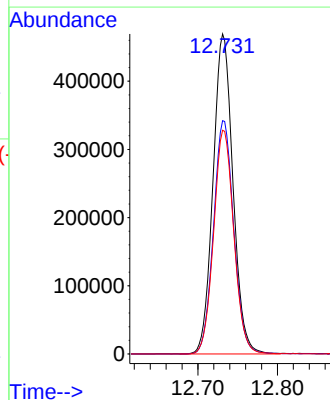
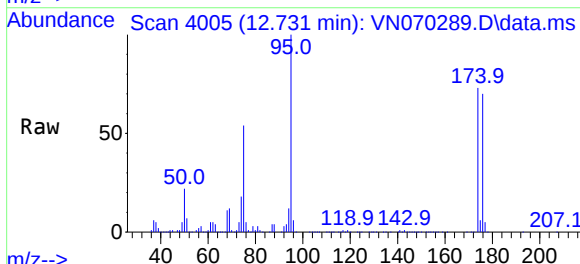
Instrument :
MSVOA_N
ClientSampleId :

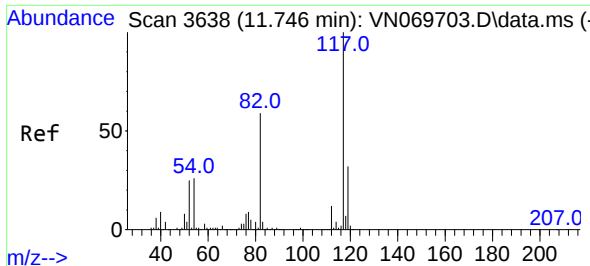
Tgt Ion:129 Resp: 423
Ion Ratio Lower Upper
129 100
127 59.6 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 44.989 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

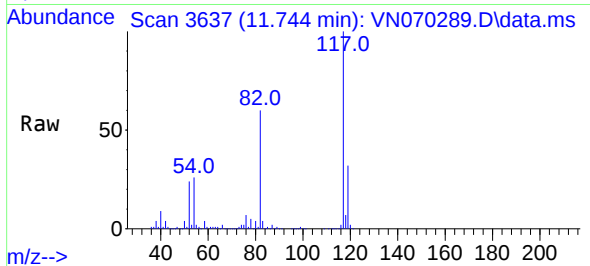
Tgt Ion: 95 Resp: 816949
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 70.9 0.0 181.4



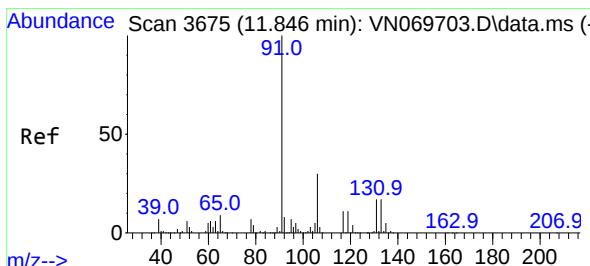
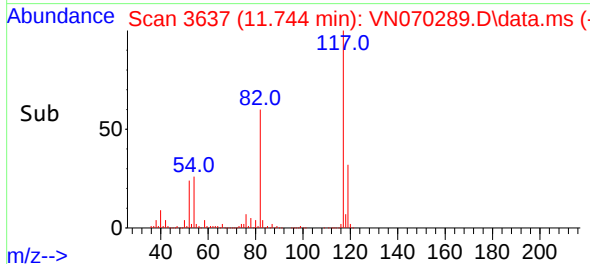
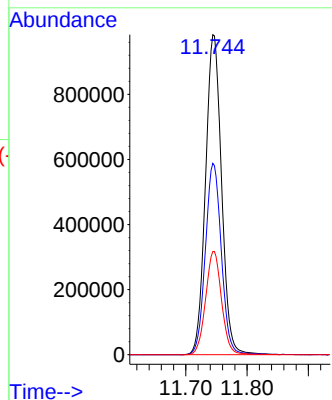


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

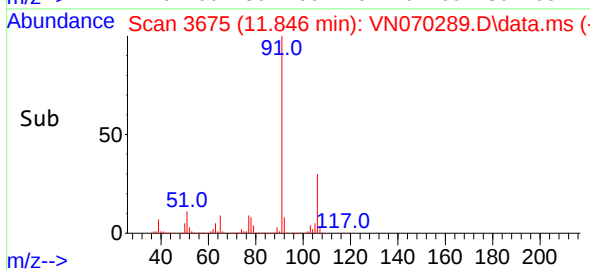
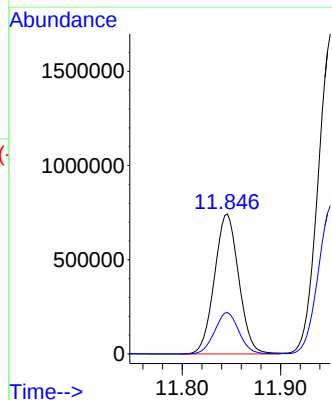
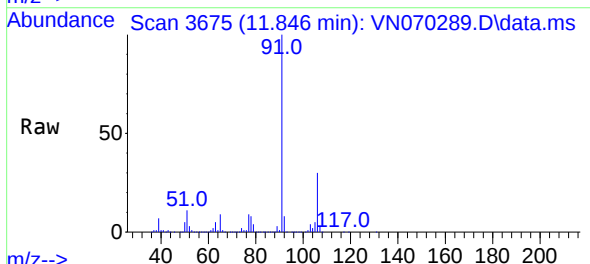


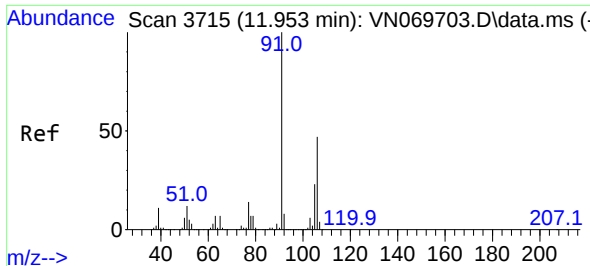
Tgt Ion:117 Resp: 1788630
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 19.414 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

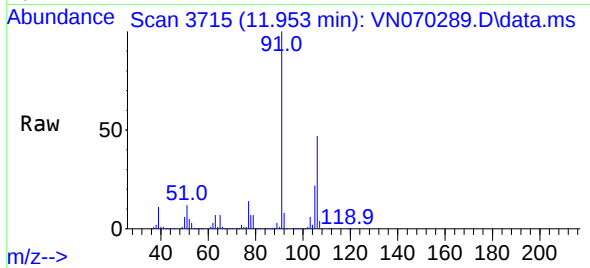
Tgt Ion: 91 Resp: 1279622
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5



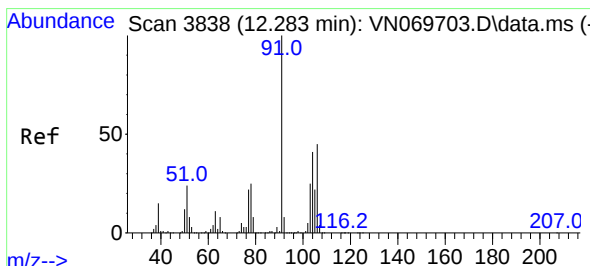
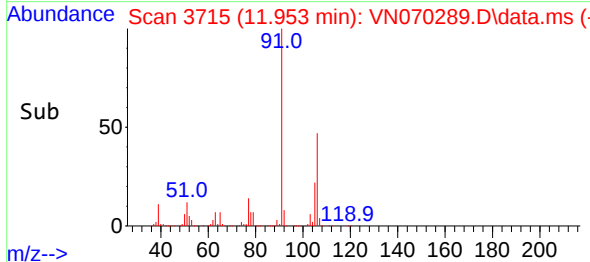
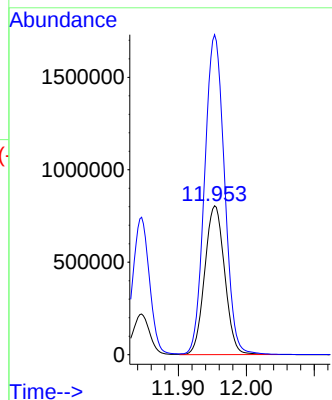


#68
m/p-Xylenes
Concen: 68.325 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

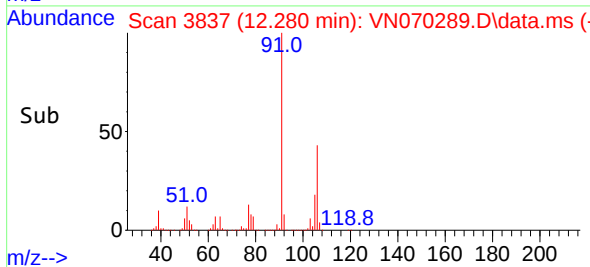
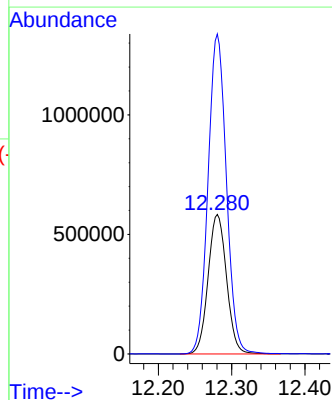
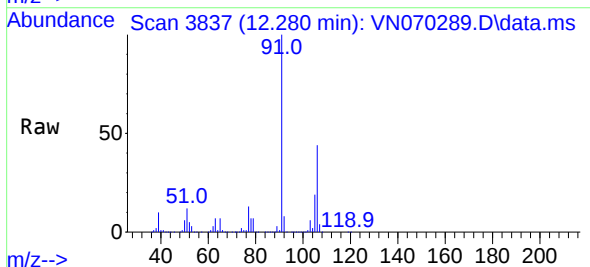


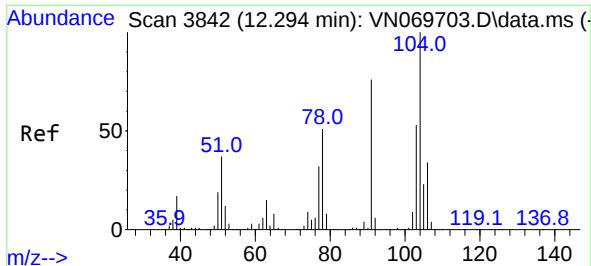
Tgt Ion:106 Resp: 1639759
Ion Ratio Lower Upper
106 100
91 214.4 160.6 240.8



#69
o-Xylene
Concen: 42.182 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

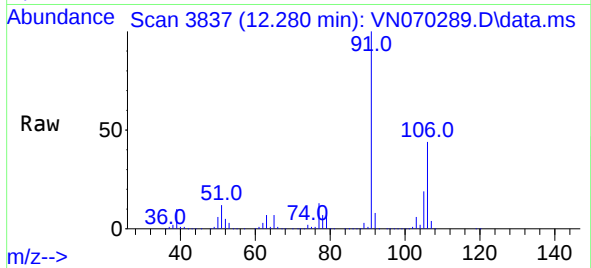
Tgt Ion:106 Resp: 1019706
Ion Ratio Lower Upper
106 100
91 227.8 105.8 317.3



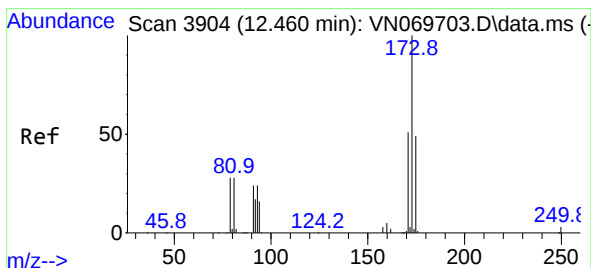
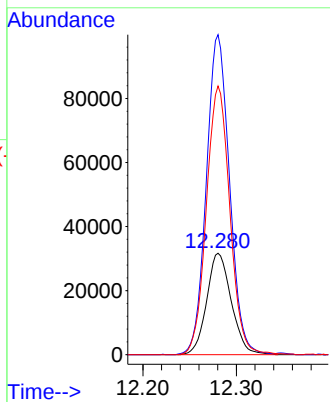
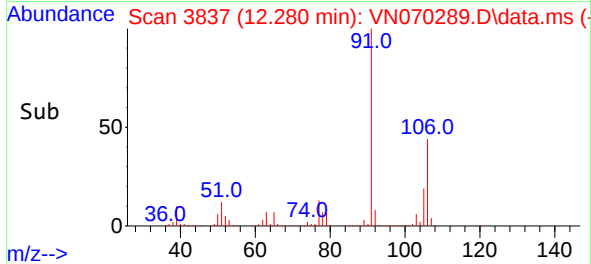


#70
Styrene
Concen: 1.511 ug/l
RT: 12.280 min Scan# 3842
Delta R.T. -0.014 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

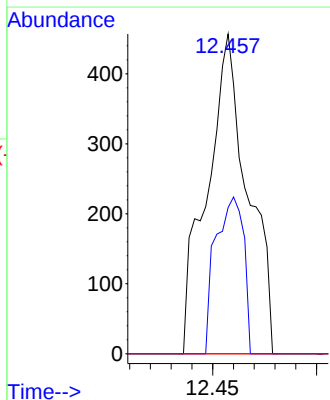
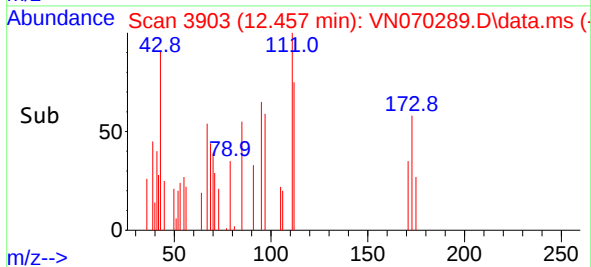
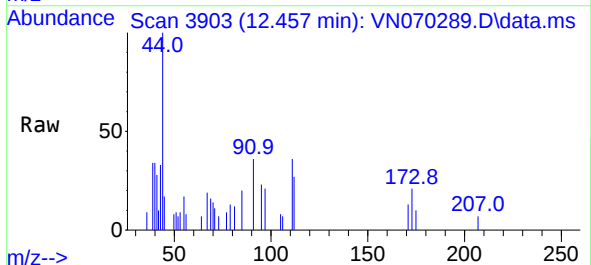


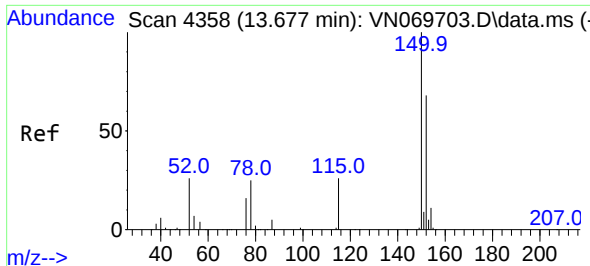
Tgt Ion:104 Resp: 57938
Ion Ratio Lower Upper
104 100
78 297.0 38.7 58.1#
103 253.7 45.0 67.6#



#71
Bromoform
Concen: 2.785 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

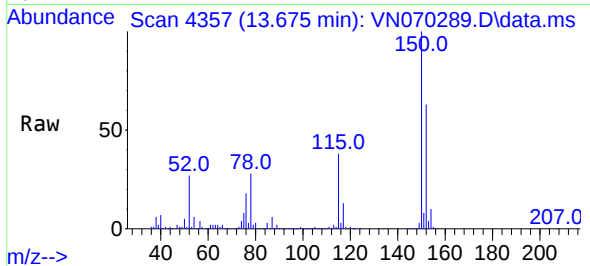
Tgt Ion:173 Resp: 624
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



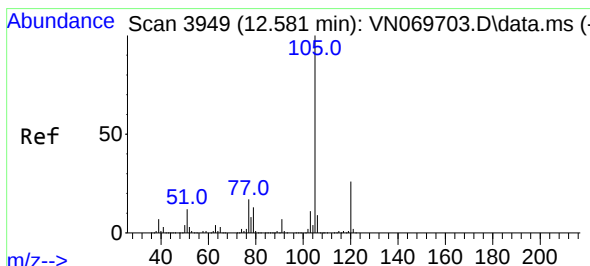
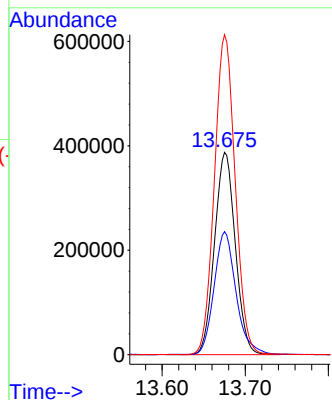
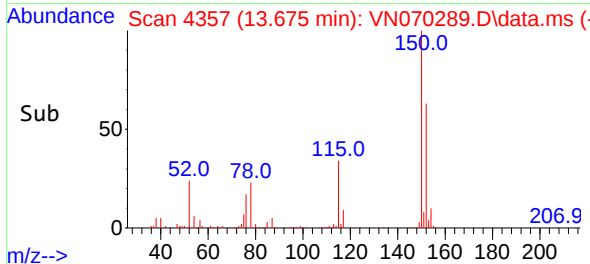


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

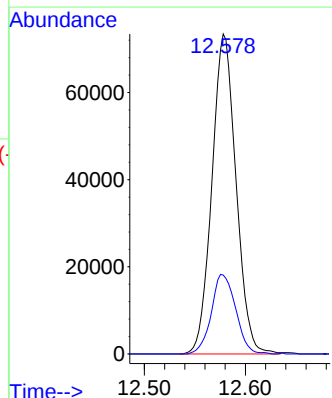
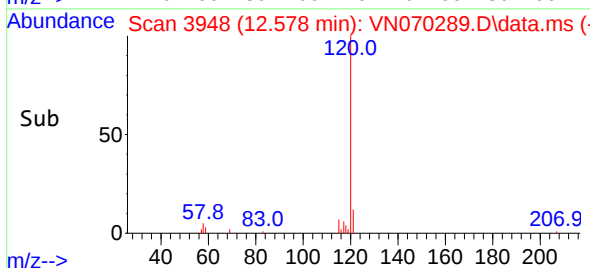
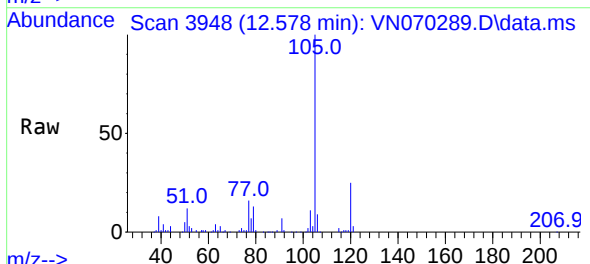


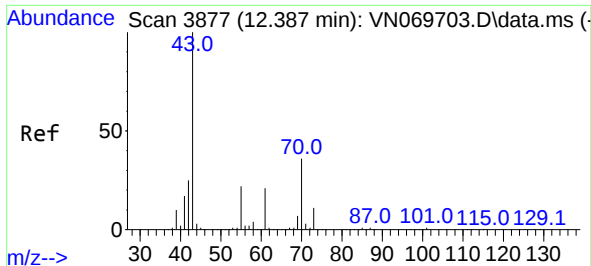
Tgt Ion:152 Resp: 674247
Ion Ratio Lower Upper
152 100
115 64.2 27.5 82.5
150 158.0 0.0 344.4



#73
Isopropylbenzene
Concen: 2.026 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

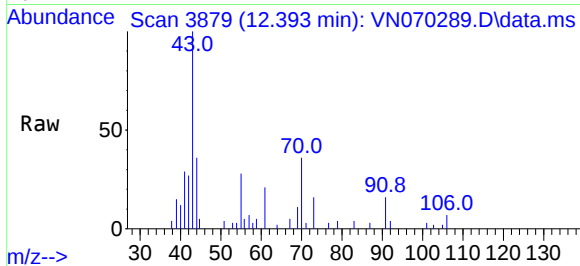
Tgt Ion:105 Resp: 121555
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1



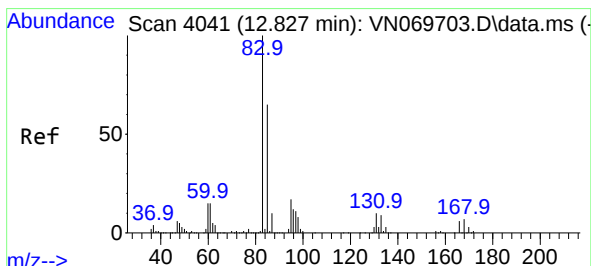
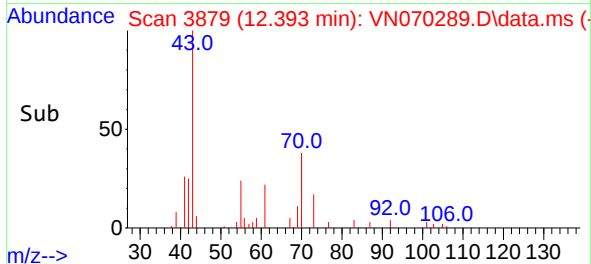
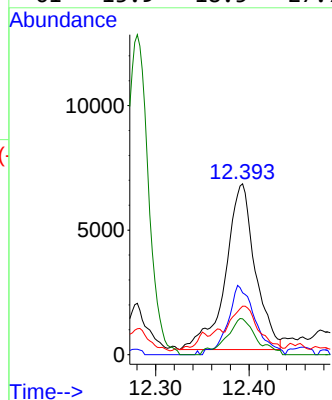


#74
N-amy1 acetate
Concen: 0.553 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.006 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

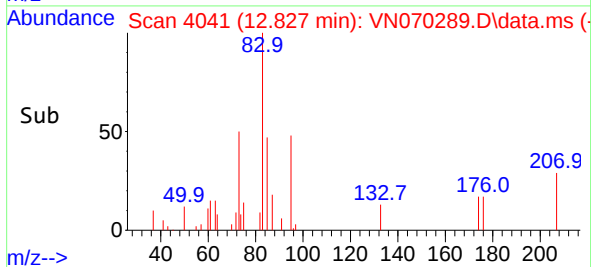
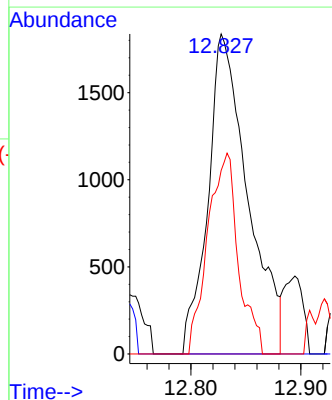
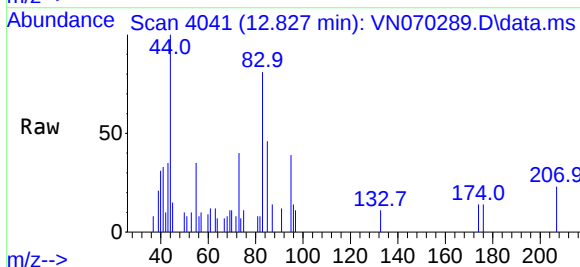


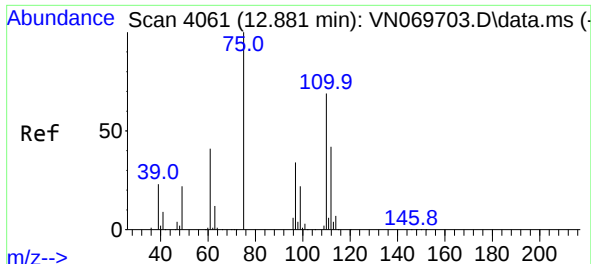
Tgt Ion: 43 Resp: 14676
Ion Ratio Lower Upper
43 100
70 38.2 33.4 50.0
55 22.9 19.3 28.9
61 13.9 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 83 Resp: 4630
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 48.0 32.4 97.2

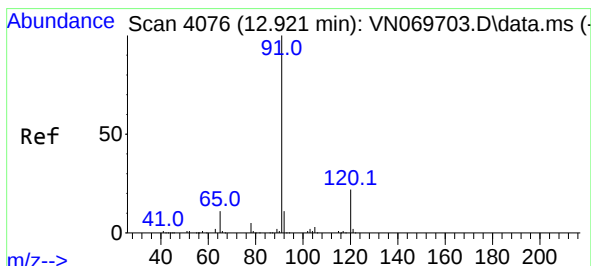
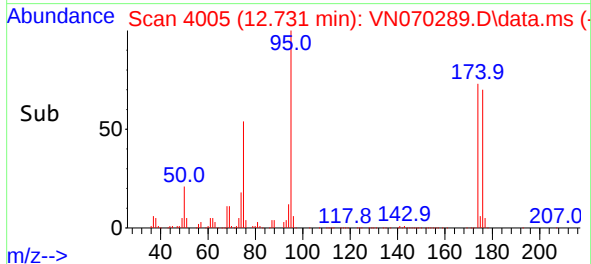
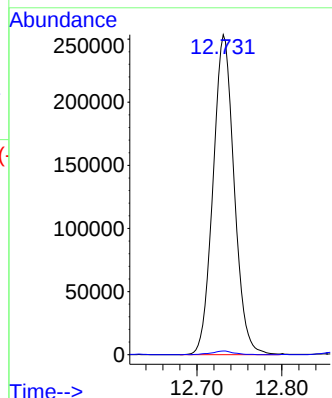
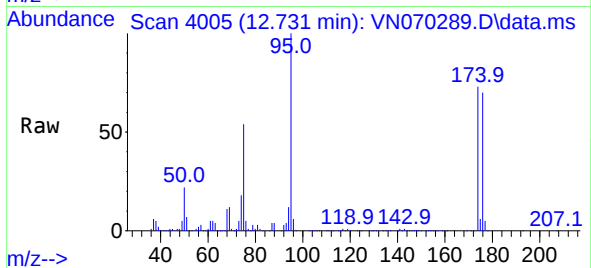




#76
1,2,3-Trichloropropane
Concen: 22.632 ug/l
RT: 12.731 min Scan# 4061
Delta R.T. -0.150 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

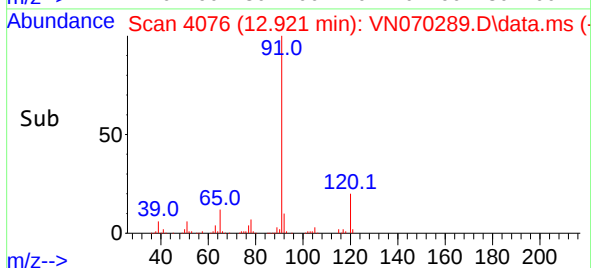
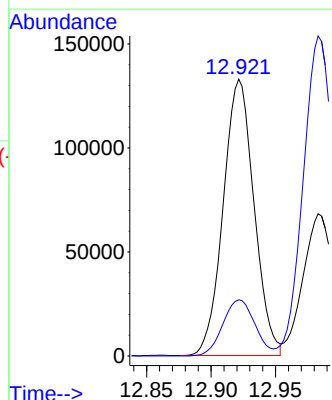
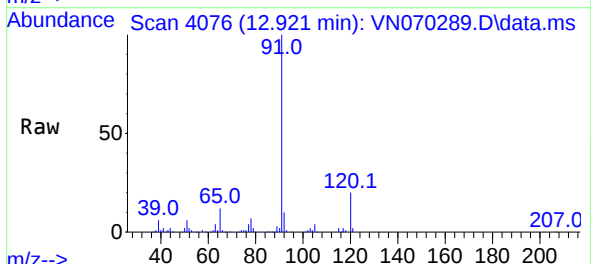
Instrument :
MSVOA_N
ClientSampleId :

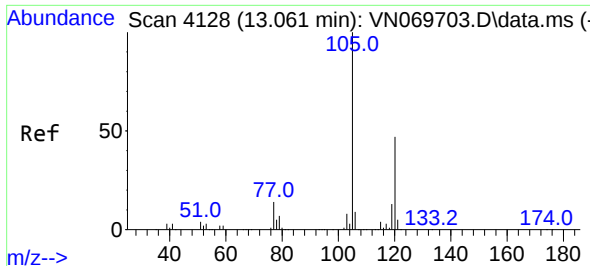
Tgt Ion: 75 Resp: 437605
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#78
n-propylbenzene
Concen: 3.311 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 91 Resp: 221007
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.9

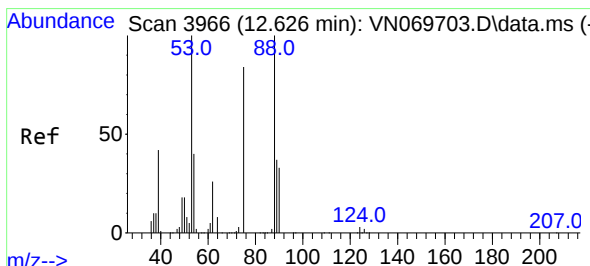
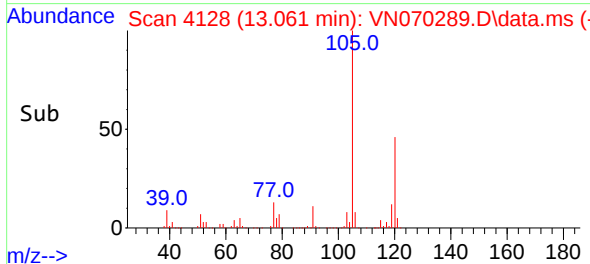
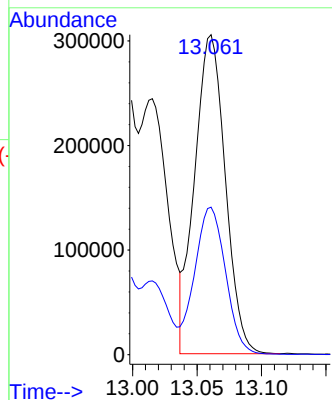
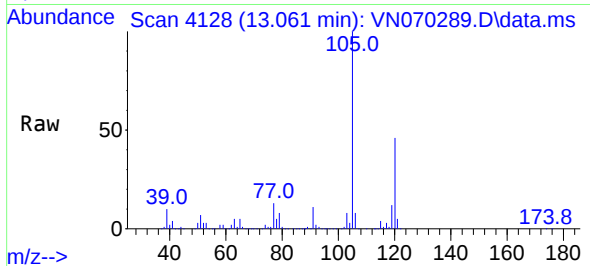




#80
1,3,5-Trimethylbenzene
Concen: 10.446 ug/l
RT: 13.061 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

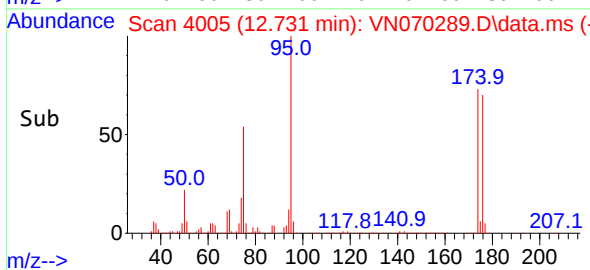
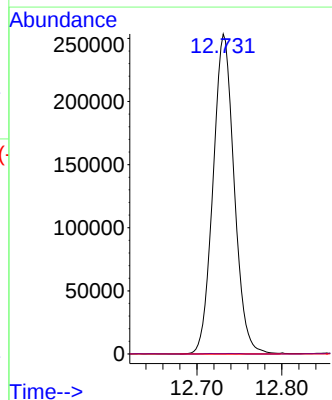
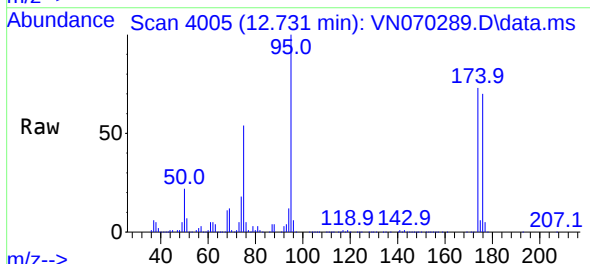
Instrument :
MSVOA_N
ClientSampleId :

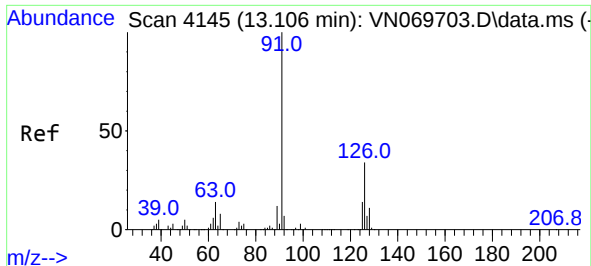
Tgt Ion:105 Resp: 504355
Ion Ratio Lower Upper
105 100
120 46.4 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 72.116 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 75 Resp: 437605
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

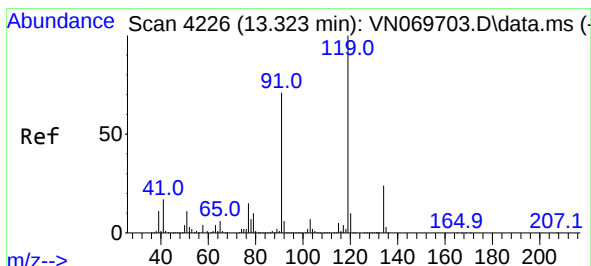
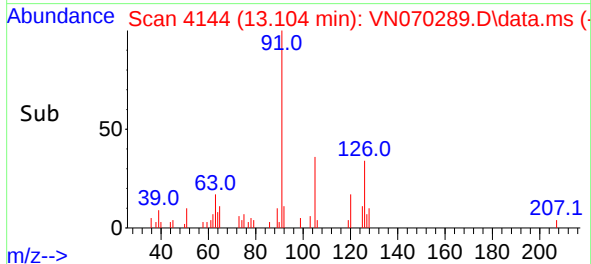
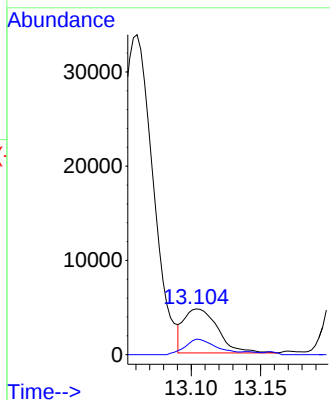
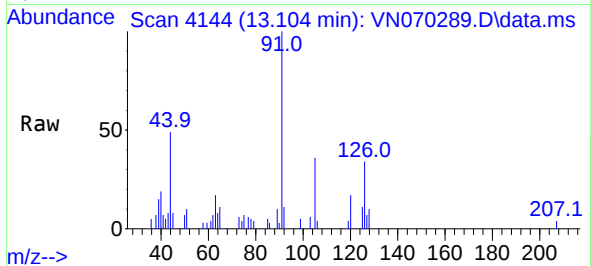




#82
4-Chlorotoluene
Concen: 0.201 ug/l
RT: 13.104 min Scan# 4145
Delta R.T. -0.002 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

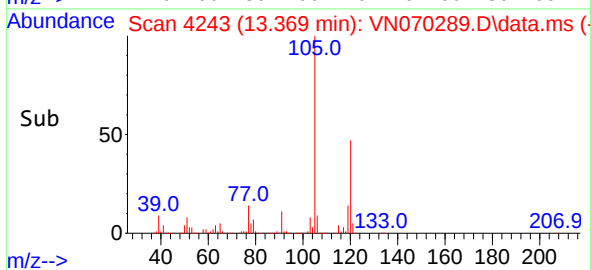
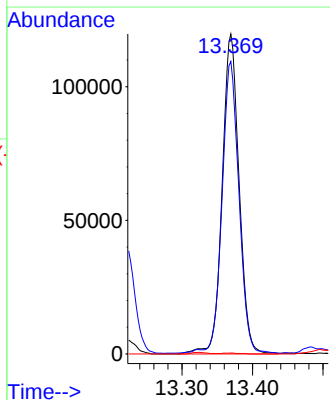
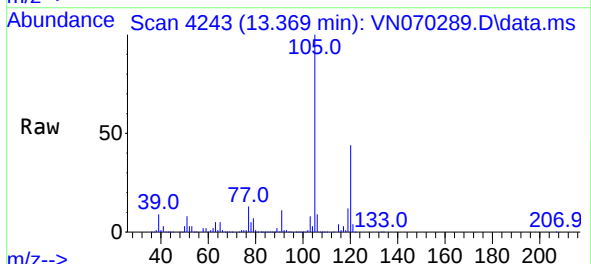
Instrument :
MSVOA_N
ClientSampleId :

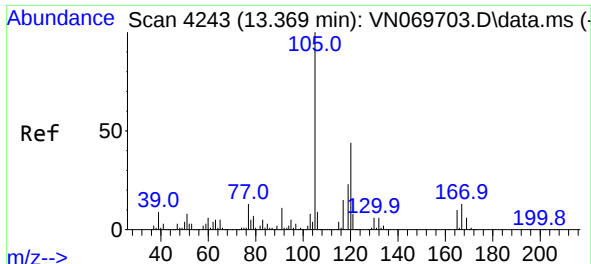
Tgt Ion: 91 Resp: 7973
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6



#83
tert-Butylbenzene
Concen: 4.665 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.046 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 119 Resp: 199445
Ion Ratio Lower Upper
119 100
91 90.3 31.5 94.5
134 0.1 12.4 37.4#

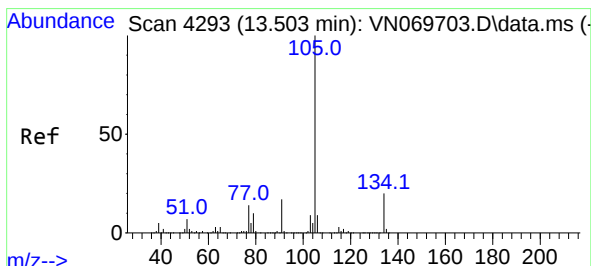
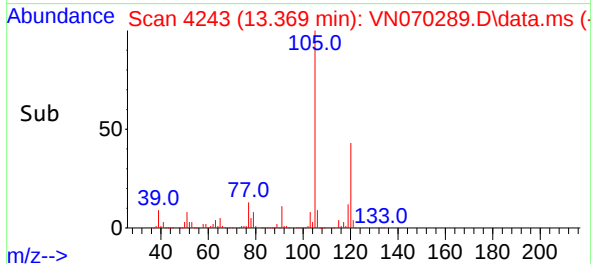
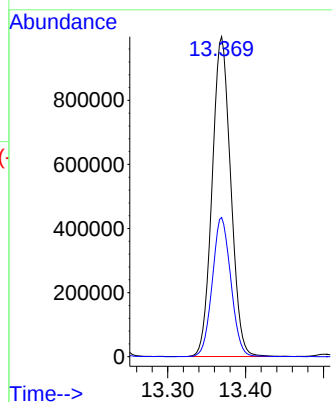
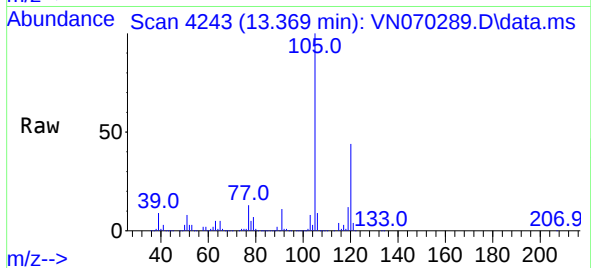




#84
1,2,4-Trimethylbenzene
Concen: 35.930 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

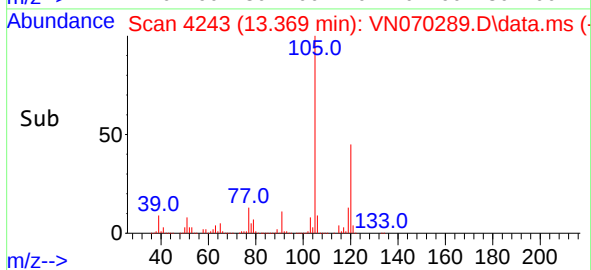
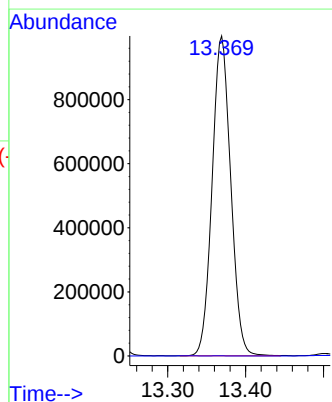
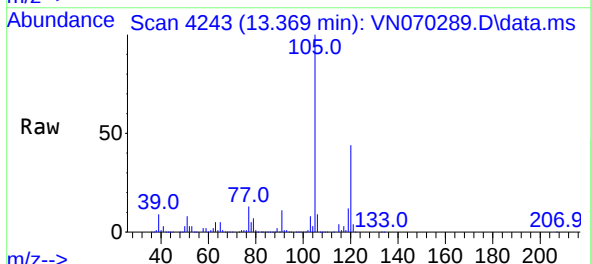
Instrument :
MSVOA_N
ClientSampleId :

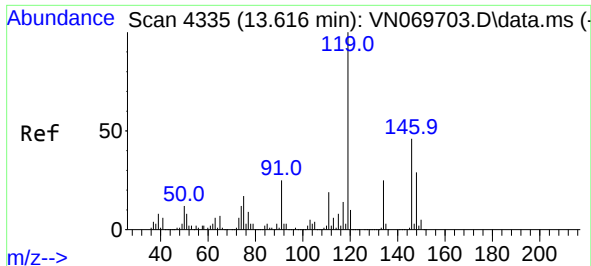
Tgt Ion:105 Resp: 1652188
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4



#85
sec-Butylbenzene
Concen: 28.490 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.134 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion:105 Resp: 1652188
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

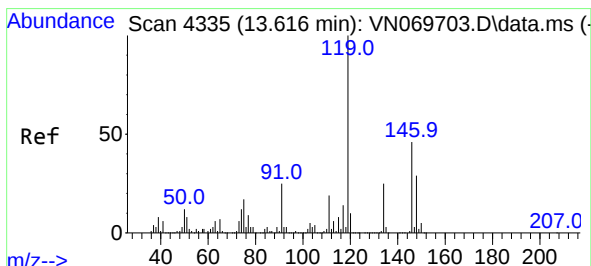
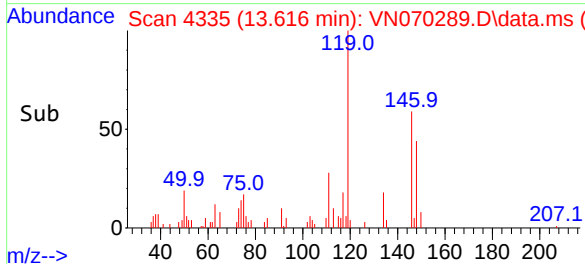
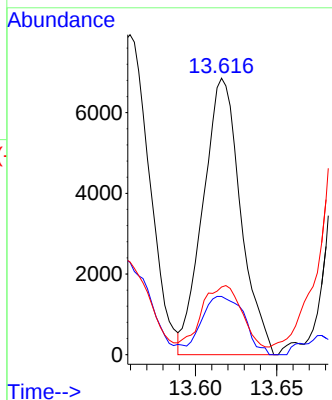
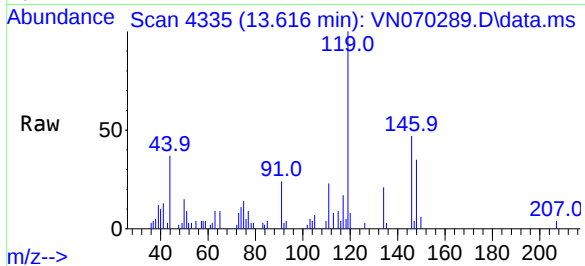




#86
p-Isopropyltoluene
Concen: 0.243 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

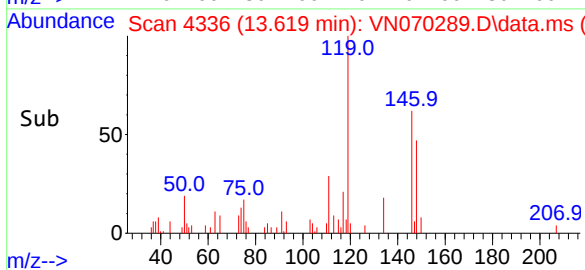
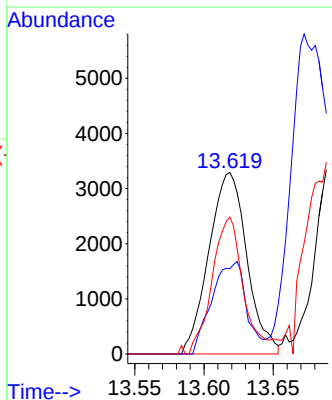
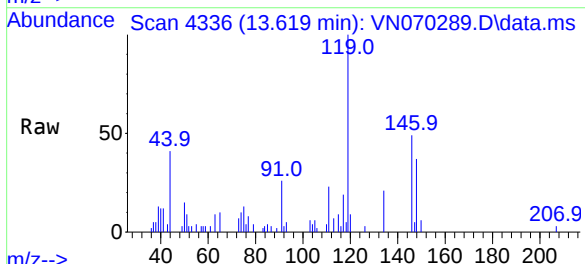
Instrument :
MSVOA_N
ClientSampleId :

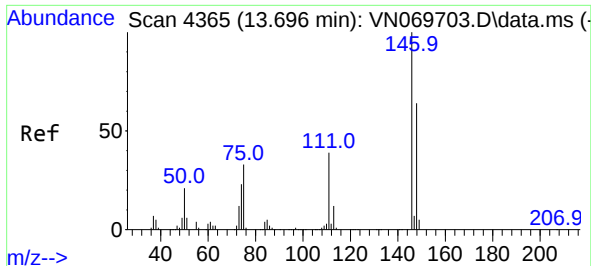
Tgt Ion:119 Resp: 11011
Ion Ratio Lower Upper
119 100
134 23.5 13.6 40.7
91 0.0 11.4 34.1#



#87
1,3-Dichlorobenzene
Concen: 0.272 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

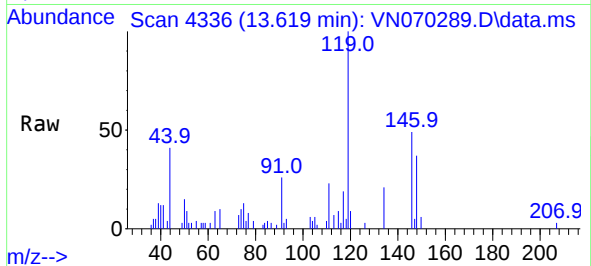
Tgt Ion:146 Resp: 6292
Ion Ratio Lower Upper
146 100
111 46.2 18.6 55.6
148 61.4 31.6 95.0



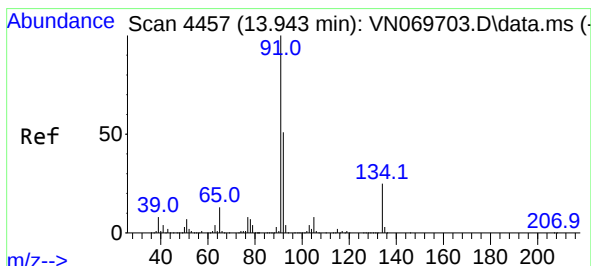
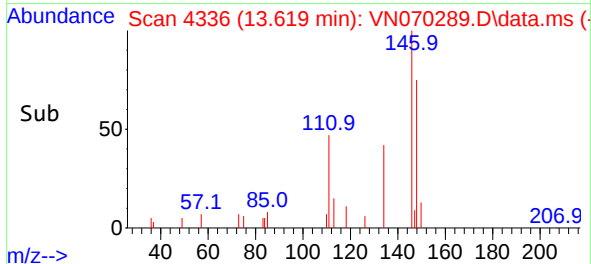
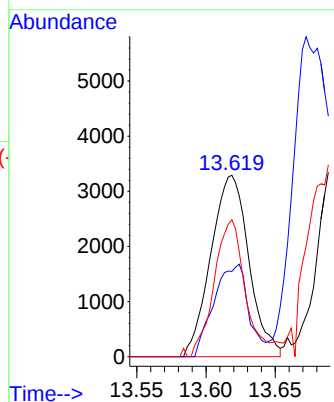


#88
1,4-Dichlorobenzene
Concen: 0.277 ug/l
RT: 13.619 min Scan# 41
Delta R.T. -0.078 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

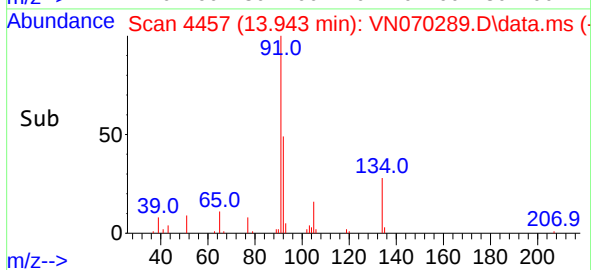
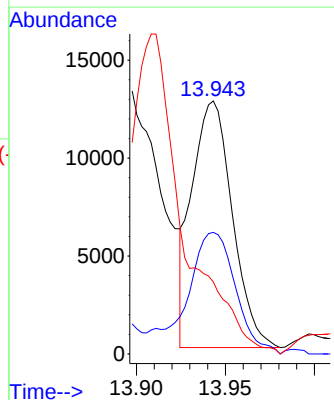
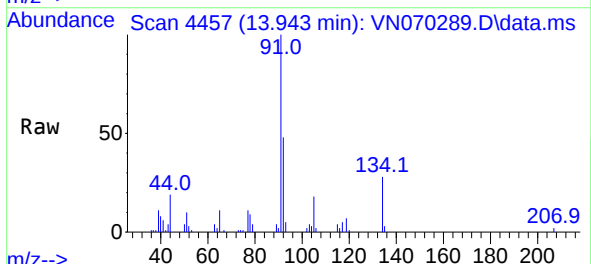


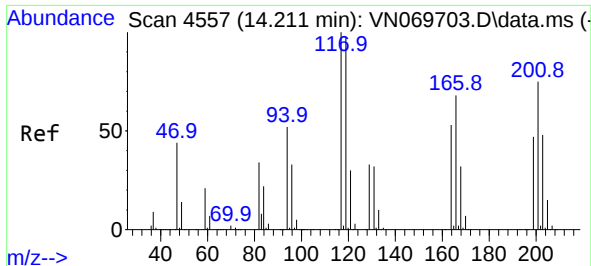
Tgt Ion:146 Resp: 6292
Ion Ratio Lower Upper
146 100
111 46.2 18.3 54.8
148 61.4 31.8 95.4



#89
n-Butylbenzene
Concen: 0.540 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion: 91 Resp: 19867
Ion Ratio Lower Upper
91 100
92 55.8 25.4 76.0
134 0.0 13.6 40.8#

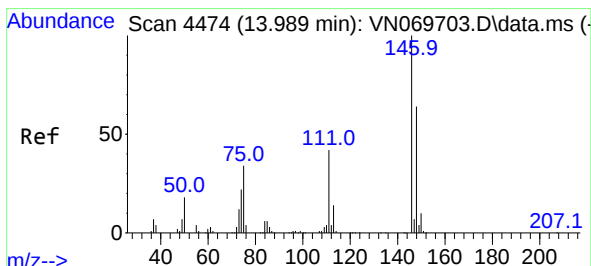
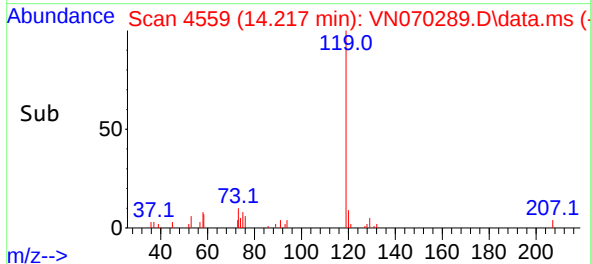
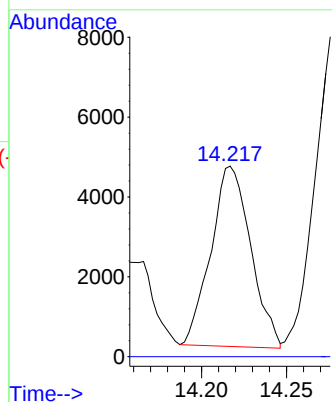
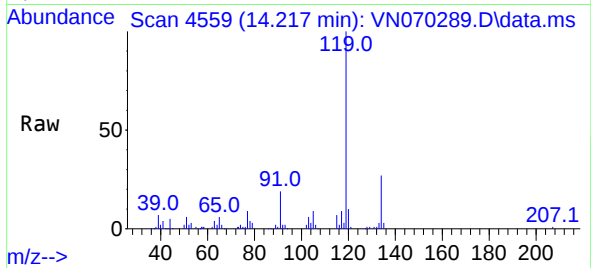




#90
Hexachloroethane
Concen: 0.926 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

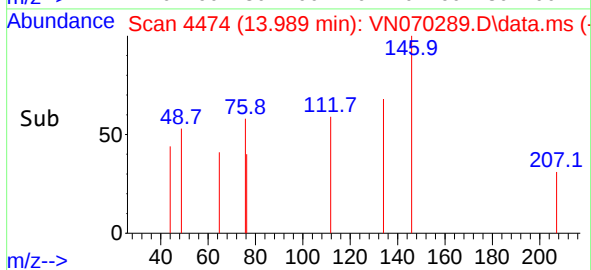
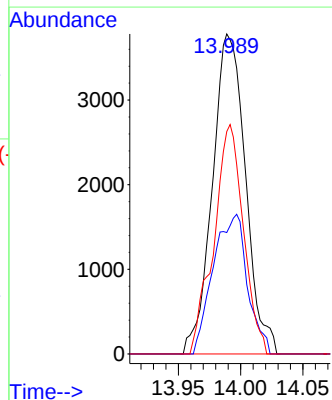
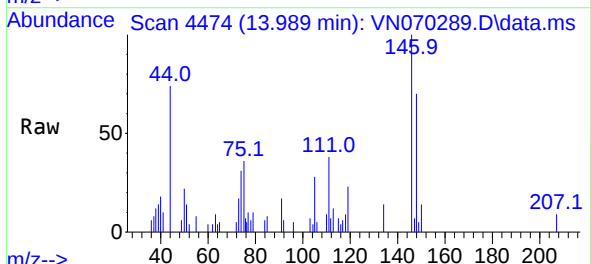
Instrument :
MSVOA_N
ClientSampleId :

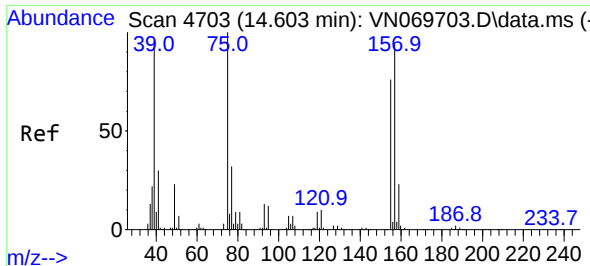
Tgt Ion:117 Resp: 7367
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#91
1,2-Dichlorobenzene
Concen: 0.310 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Tgt Ion:146 Resp: 6987
Ion Ratio Lower Upper
146 100
111 45.2 19.1 57.3
148 64.1 32.1 96.3

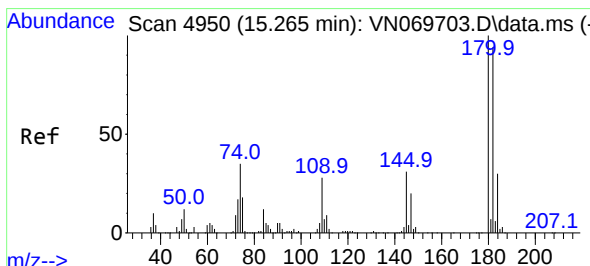
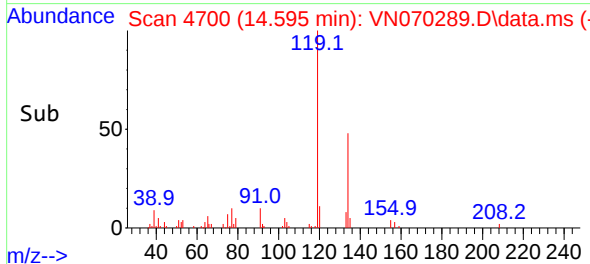
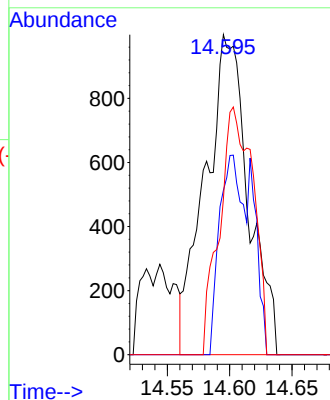
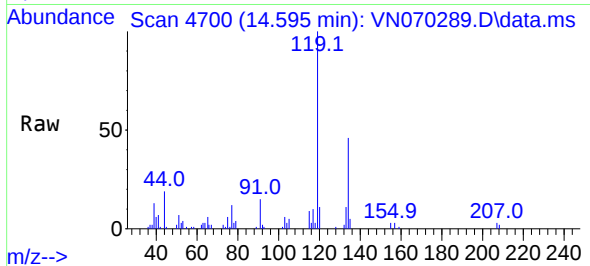




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.642 ug/l
RT: 14.595 min Scan# 41
Delta R.T. -0.008 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

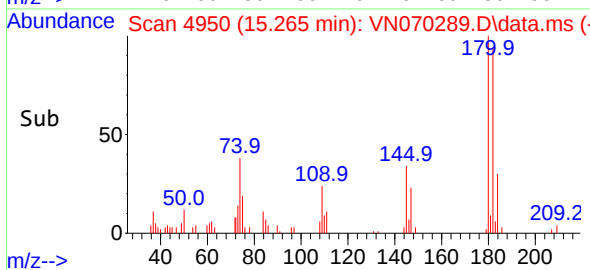
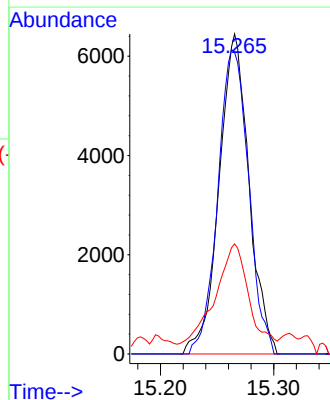
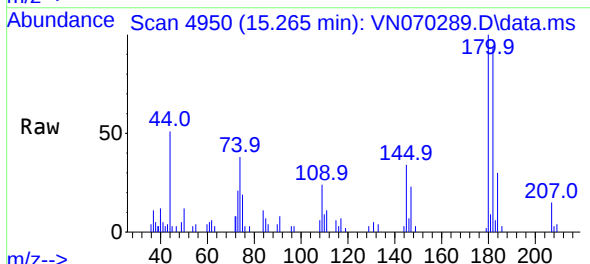
Instrument :
MSVOA_N
ClientSampleId :

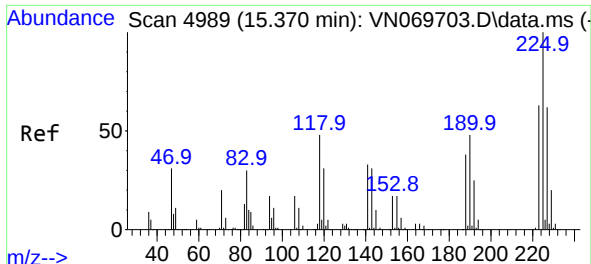
Tgt Ion: 75 Resp: 2407
Ion Ratio Lower Upper
75 100
155 34.4 46.9 140.7#
157 60.2 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 3.884 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

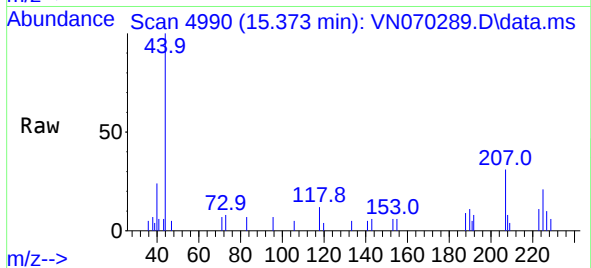
Tgt Ion:180 Resp: 11813
Ion Ratio Lower Upper
180 100
182 97.7 48.3 144.9
145 35.3 14.5 43.5



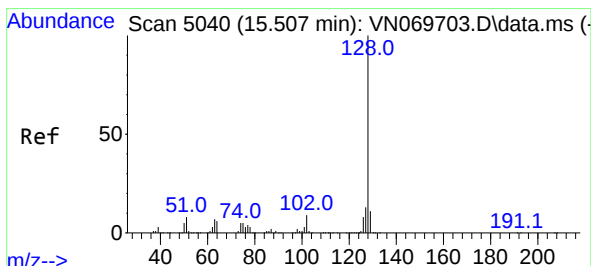
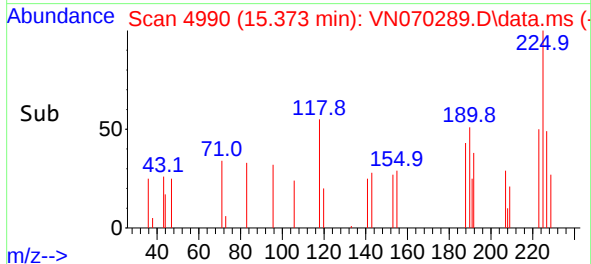
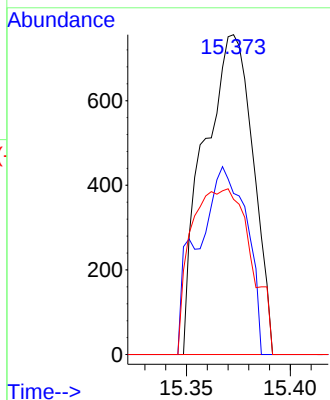


#94
Hexachlorobutadiene
Concen: 0.208 ug/l
RT: 15.373 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :

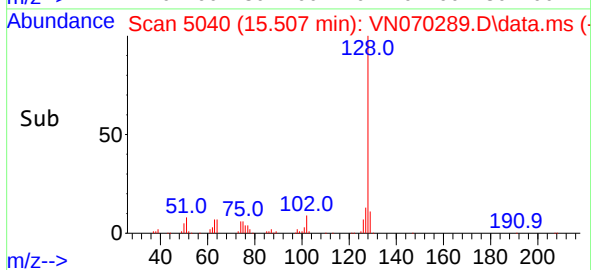
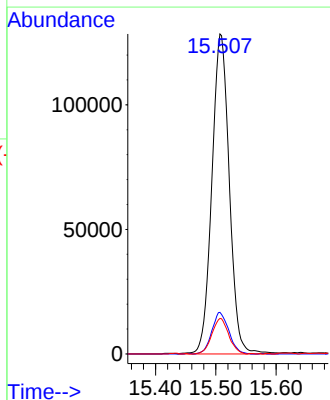
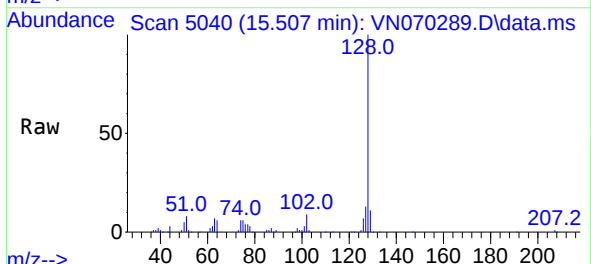


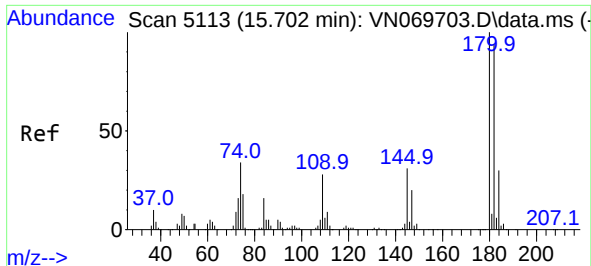
Tgt Ion:225 Resp: 1244
Ion Ratio Lower Upper
225 100
223 45.2 31.9 95.7
227 62.5 32.1 96.3



#95
Naphthalene
Concen: 11.188 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070289.D
Acq: 22 Dec 2021 14:13

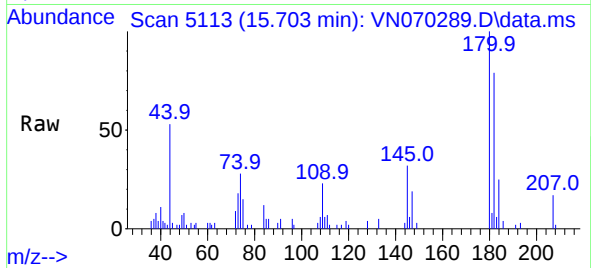
Tgt Ion:128 Resp: 257875
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.707 ug/l
 RT: 15.703 min Scan# 51
 Delta R.T. 0.001 min
 Lab File: VN070289.D
 Acq: 22 Dec 2021 14:13

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	14414
Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.4	142.2
145	36.6	15.0	45.1

