

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070172.D
 Acq On : 17 Dec 2021 18:44
 Operator : JC/MD
 Sample : M5039-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:47:30 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	999361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1705000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1642760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	754932	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	717554	46.503	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.000%
35) Dibromofluoromethane	8.024	113	471356	44.135	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.280%
50) Toluene-d8	10.443	98	1952422	45.529	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.731	95	825017	53.105	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.220%

Target Compounds				Qvalue		
3) Chloromethane	2.301	50	5384	0.369	ug/l	94
6) Chloroethane	3.022	64	25993	3.159	ug/l	99
11) Tert butyl alcohol	5.385	59	3895462	1335.584	ug/l	99
13) Acrolein	3.980	56	53793	21.657	ug/l #	1
14) Allyl chloride	4.953	41	755368	35.215	ug/l #	20
15) Acrylonitrile	5.616	53	340435	43.316	ug/l #	31
16) Acetone	4.291	43	888862	95.763	ug/l	96
17) Carbon Disulfide	4.524	76	20956	0.852	ug/l	98
18) Methyl Acetate	4.926	43	181183	6.467	ug/l #	51
19) Methyl tert-butyl Ether	5.618	73	27352044	738.973	ug/l #	87
20) Methylene Chloride	4.950	84	87520	7.093	ug/l #	1
22) Diisopropyl ether	6.503	45	342288	8.164	ug/l #	83
23) Vinyl Acetate	6.399	43	118095	3.462	ug/l #	73
24) 1,1-Dichloroethane	6.391	63	7848	0.361	ug/l #	83
25) 2-Butanone	7.343	43	455403	36.110	ug/l	91
26) 2,2-Dichloropropane	7.144	77	28238	1.672	ug/l #	52
28) Bromochloromethane	7.844	49	6235	0.552	ug/l #	9
30) Chloroform	7.844	83	13275	0.605	ug/l #	54
31) Cyclohexane	8.096	56	1486323	69.217	ug/l	88
36) 1,1-Dichloropropene	8.083	75	85205	5.249	ug/l #	48
37) Ethyl Acetate	7.343	43	455403	18.851	ug/l #	68
38) Carbon Tetrachloride	8.086	117	101323	6.366	ug/l #	16
39) Methylcyclohexane	9.459	83	881667	45.667	ug/l	88
41) Methacrylonitrile	7.670	41	30233	2.666	ug/l #	18
42) 1,2-Dichloroethane	8.461	62	342796	17.116	ug/l	79
43) Isopropyl Acetate	8.539	43	2680580	74.982	ug/l #	56
45) 1,2-Dichloropropane	9.456	63	7326	0.550	ug/l #	1
47) Bromodichloromethane	9.746	83	25286	1.528	ug/l #	25
48) Methyl methacrylate	9.641	41	124422	7.458	ug/l #	65
49) 1,4-Dioxane	9.579	88	132	0.441	ug/l #	27
51) 4-Methyl-2-Pentanone	10.336	43	108098	4.661	ug/l	92
53) t-1,3-Dichloropropene	10.510	75	1184643	58.997	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	72583	5.939	ug/l #	20
56) Ethyl methacrylate	10.784	69	31660	3.590	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.025	63	4683	19.086	ug/l #	45
59) 2-Hexanone	11.089	43	318162	18.135	ug/l	73

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

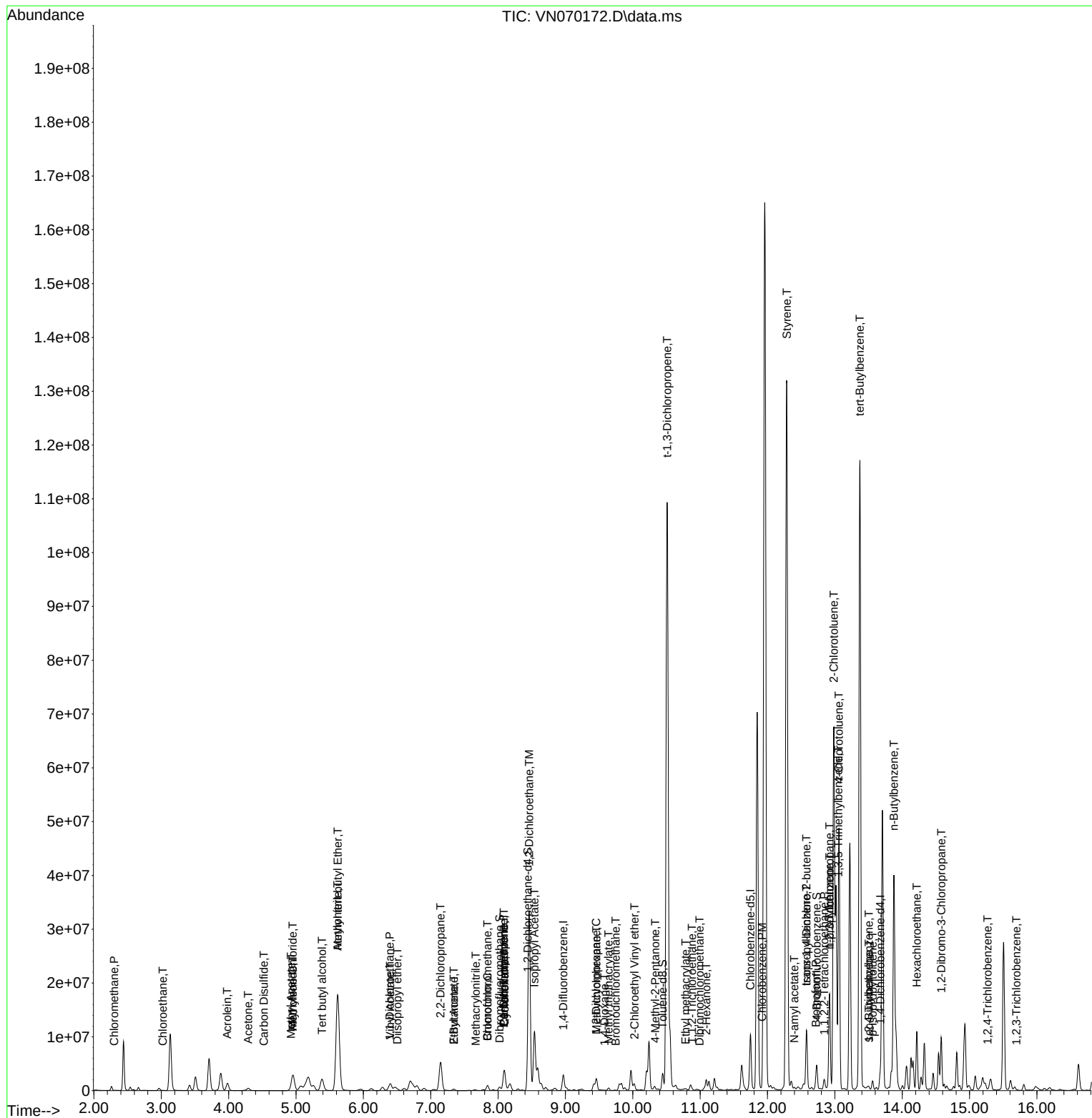
60) Dibromochloromethane	10.993	129	53	2.380	ug/l #	11
65) Chlorobenzene	11.921	112	29506	0.885	ug/l #	49
70) Styrene	12.286	104	2706111	76.865	ug/l #	1
71) Bromoform	12.720	173	1141	2.838	ug/l #	1
73) Isopropylbenzene	12.578	105	7145948	106.390	ug/l	98
74) N-amyl acetate	12.398	43	43519	1.465	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.843	83	155475	6.694	ug/l #	25
76) 1,2,3-Trichloropropane	12.921	75	94225	4.352	ug/l #	1
78) n-propylbenzene	12.921	91	14042564	187.878	ug/l	97
79) 2-Chlorotoluene	12.986	91	6545046	138.584	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.050	105	763534	14.123	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.578	75	92768	16.946	ug/l #	76
82) 4-Chlorotoluene	13.061	91	3142540	70.754	ug/l #	38
83) tert-Butylbenzene	13.372	119	10857420	226.808	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.503	105	342321	6.649	ug/l #	31
85) sec-Butylbenzene	13.503	105	342321	5.272	ug/l #	66
86) p-Isopropyltoluene	13.560	119	891328	17.562	ug/l #	78
89) n-Butylbenzene	13.876	91	4214464	102.363	ug/l #	56
90) Hexachloroethane	14.217	117	504156	56.577	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	38875	9.262	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	2065	3.035	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.697	180	1745	2.573	ug/l #	50

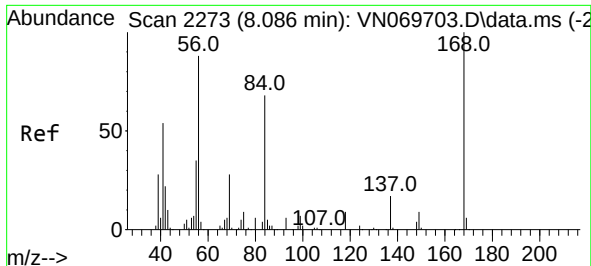
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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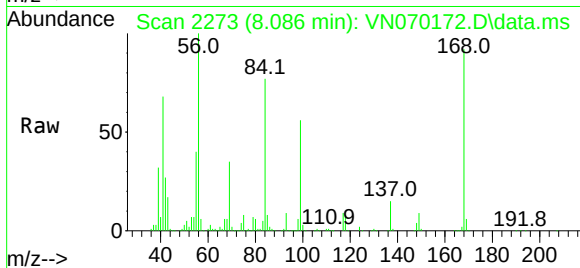
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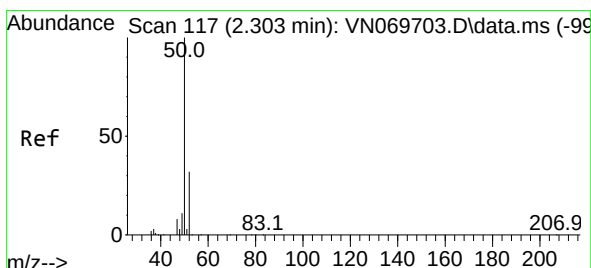
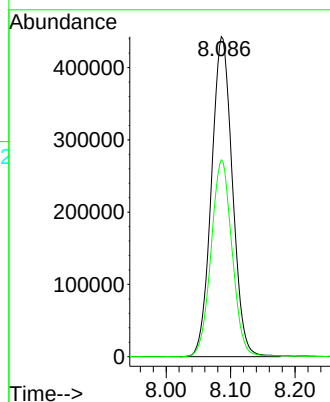
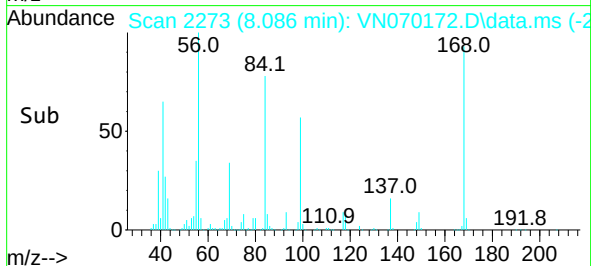


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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Acq: 17 Dec 2021 18:44

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MSVOA_N
ClientSampleId :

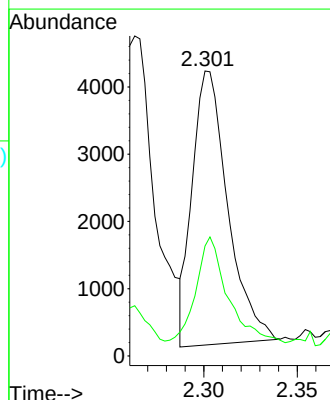
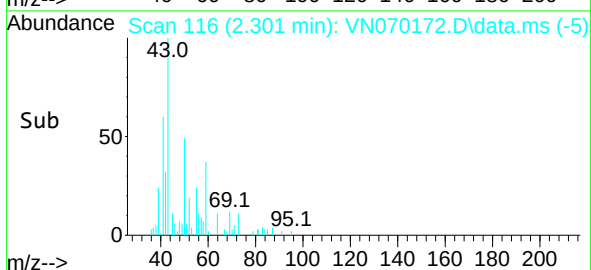
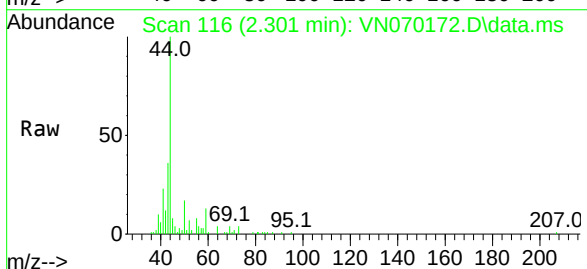


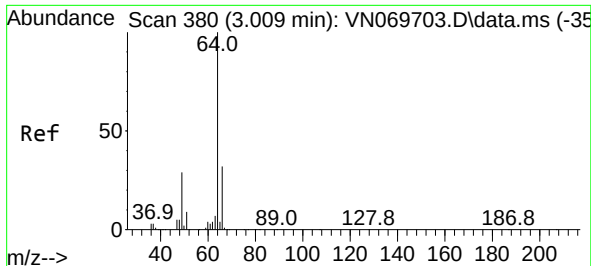
Tgt Ion:168 Resp: 999361
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#3
Chloromethane
Concen: 0.369 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 50 Resp: 5384
Ion Ratio Lower Upper
50 100
52 35.2 25.4 38.0

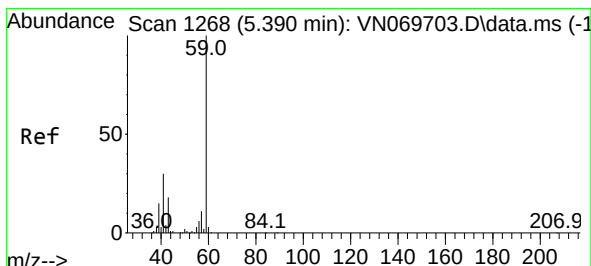
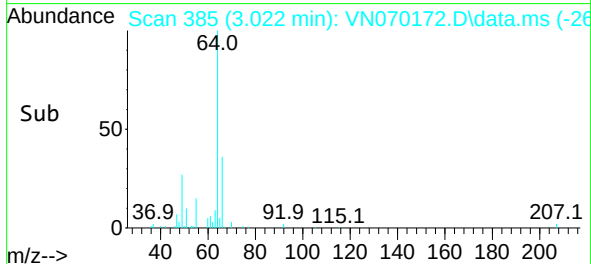
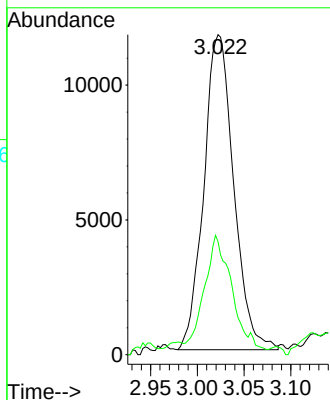
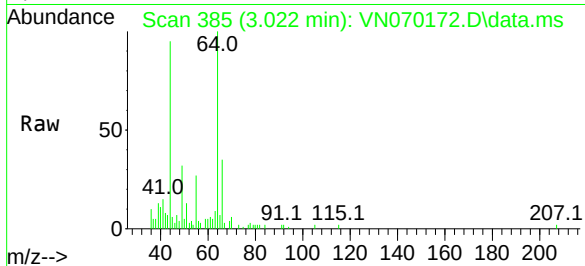




#6
Chloroethane
Concen: 3.159 ug/l
RT: 3.022 min Scan# 31
Delta R.T. 0.014 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

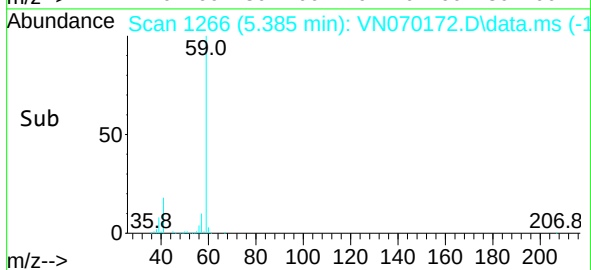
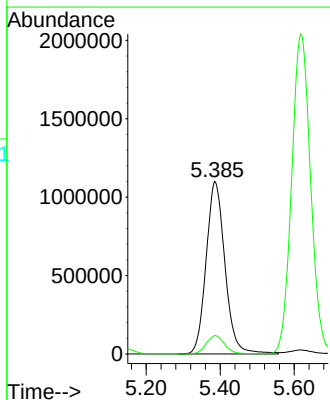
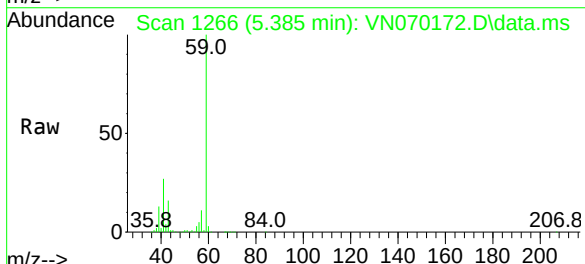
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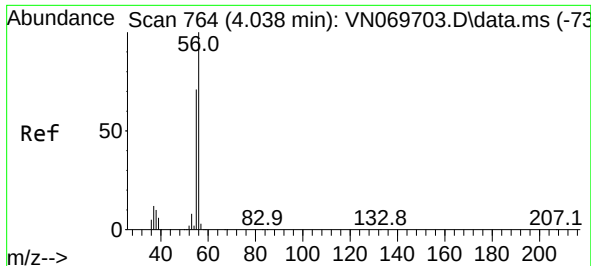
Tgt Ion: 64 Resp: 25993
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5



#11
Tert butyl alcohol
Concen: 1335.584 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 59 Resp: 3895462
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

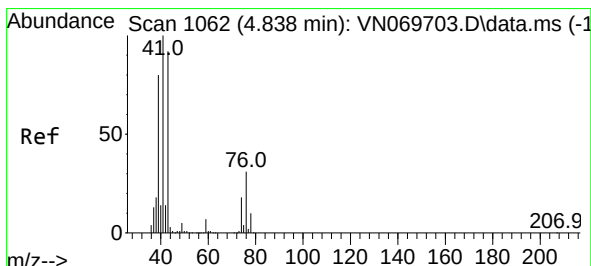
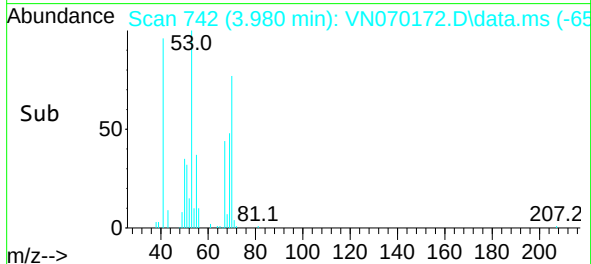
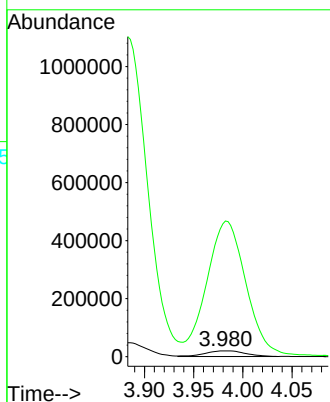
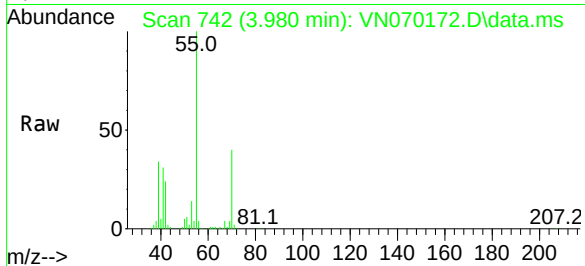




#13
Acrolein
Concen: 21.657 ug/l
RT: 3.980 min Scan# 74
Delta R.T. -0.059 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

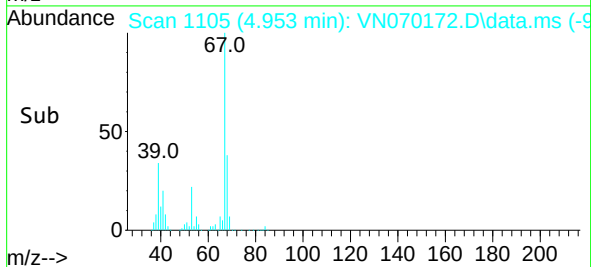
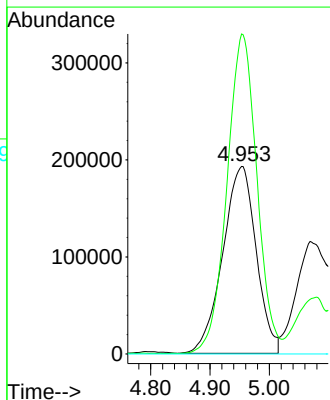
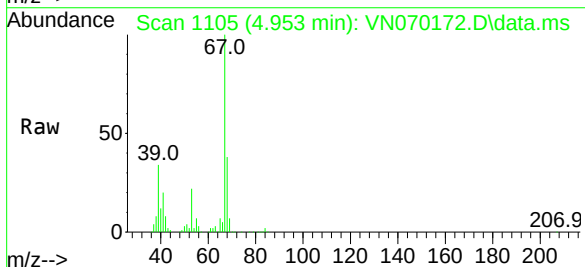
Instrument :
MSVOA_N
ClientSampleId :

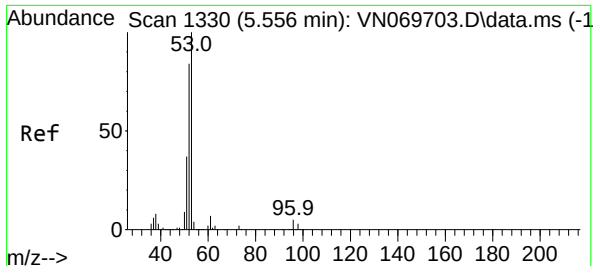
Tgt Ion: 56 Resp: 53793
Ion Ratio Lower Upper
56 100
55 2371.5 56.6 85.0#



#14
Allyl chloride
Concen: 35.215 ug/l
RT: 4.953 min Scan# 1105
Delta R.T. 0.115 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

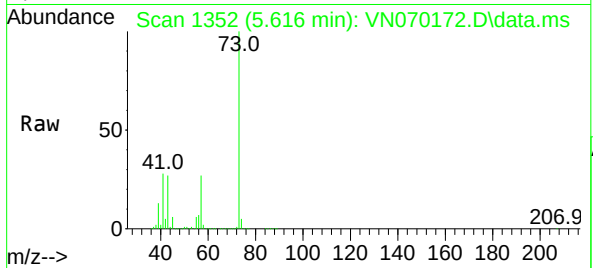
Tgt Ion: 41 Resp: 755368
Ion Ratio Lower Upper
41 100
39 152.9 61.2 91.8#
76 0.0 26.0 39.0#



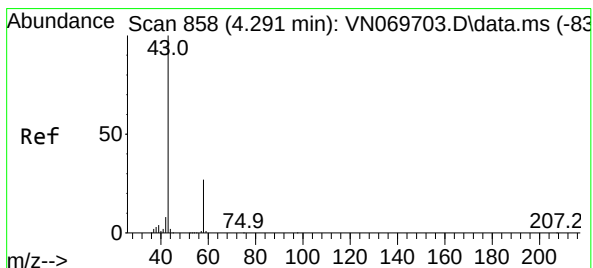
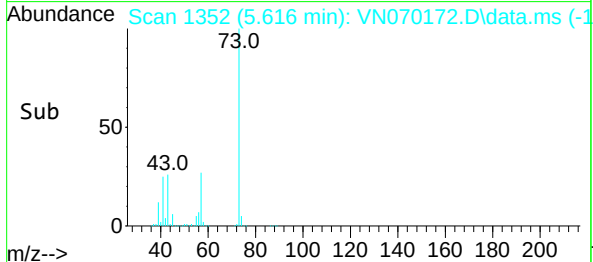
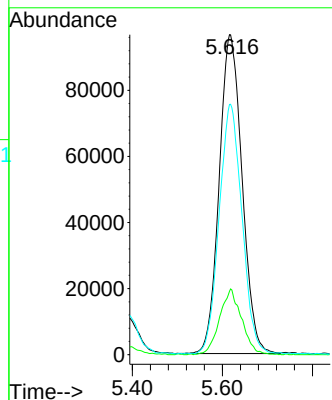


#15
Acrylonitrile
Concen: 43.316 ug/l
RT: 5.616 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Instrument :
MSVOA_N
ClientSampleId :

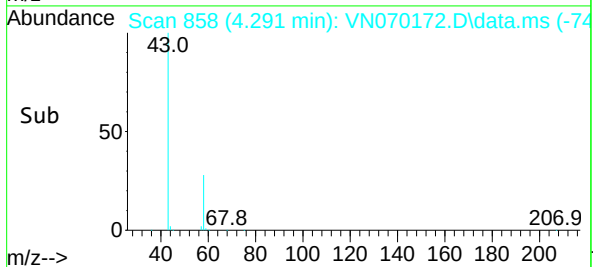
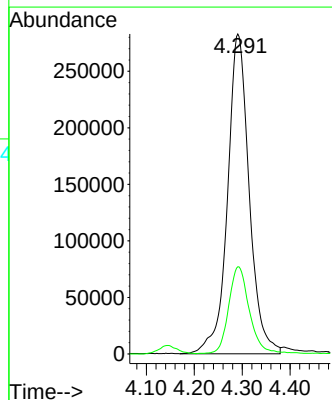
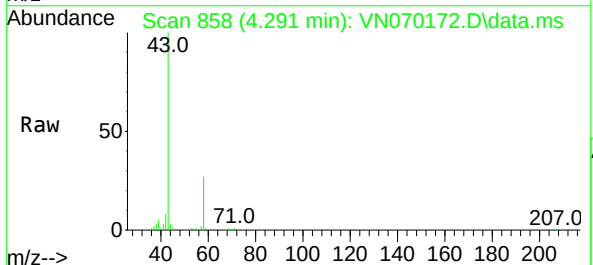


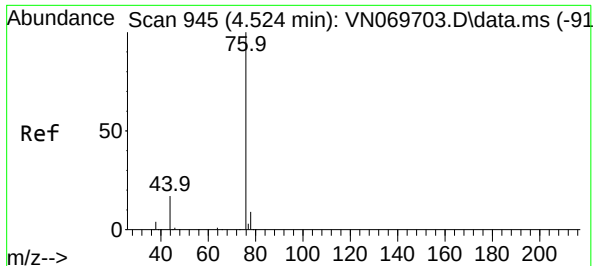
Tgt Ion: 53 Resp: 340435
Ion Ratio Lower Upper
53 100
52 19.9 66.2 99.2#
51 77.8 29.6 44.4#



#16
Acetone
Concen: 95.763 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

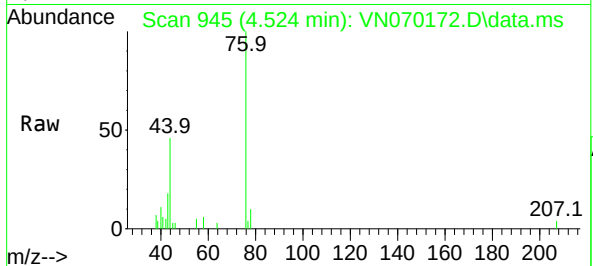
Tgt Ion: 43 Resp: 888862
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7



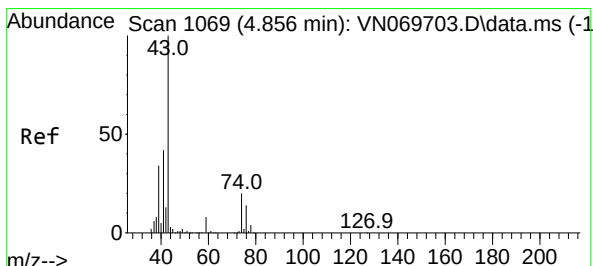
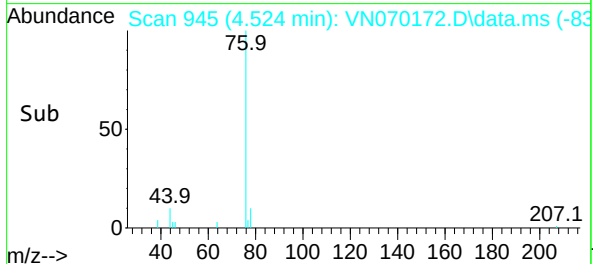
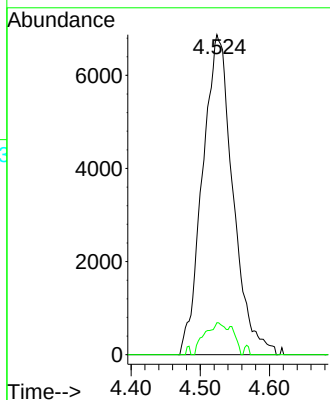


#17
Carbon Disulfide
Concen: 0.852 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Instrument :
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ClientSampleId :

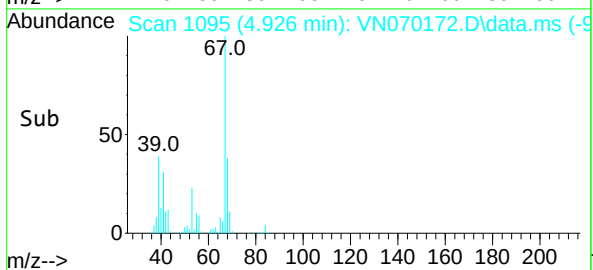
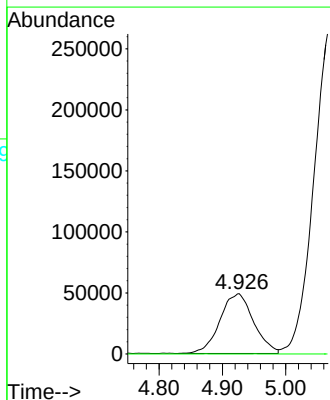
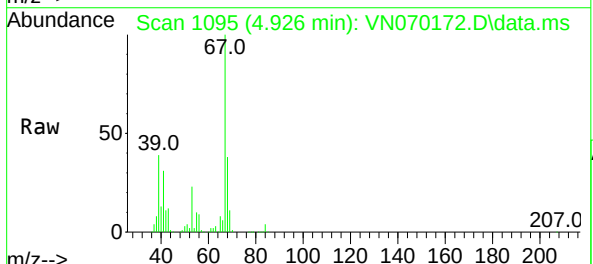


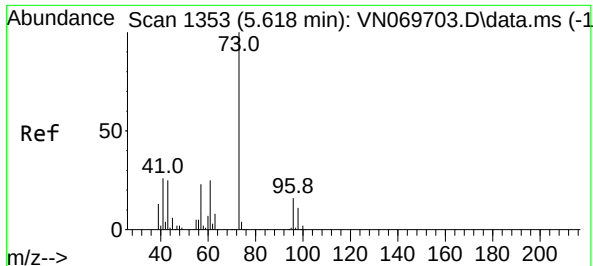
Tgt Ion: 76 Resp: 20956
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



#18
Methyl Acetate
Concen: 6.467 ug/l
RT: 4.926 min Scan# 1095
Delta R.T. 0.070 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 43 Resp: 181183
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

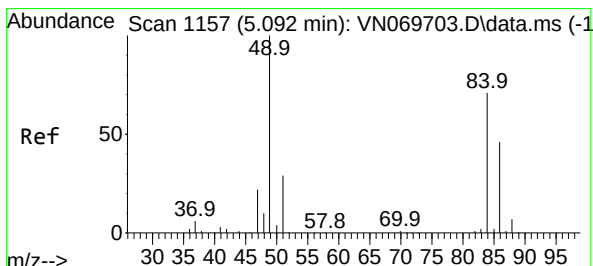
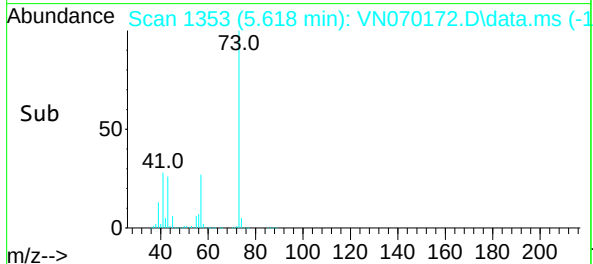
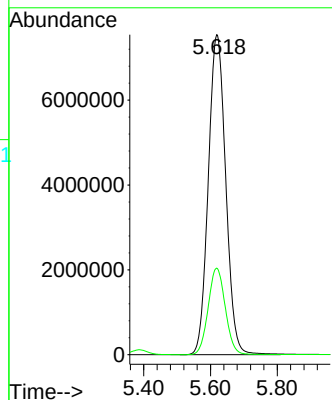
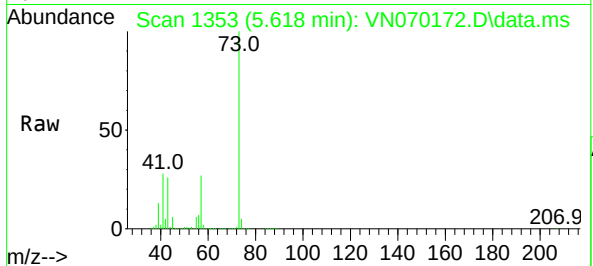




#19
Methyl tert-butyl Ether
Concen: 738.973 ug/l
RT: 5.618 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN070172.D
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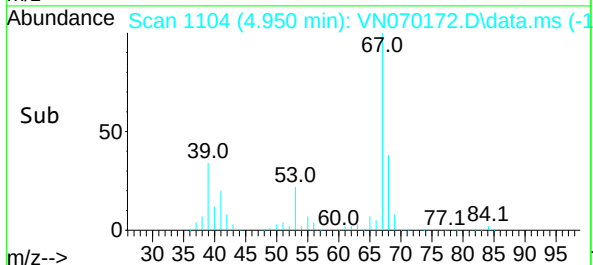
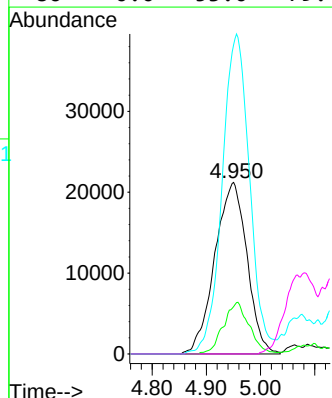
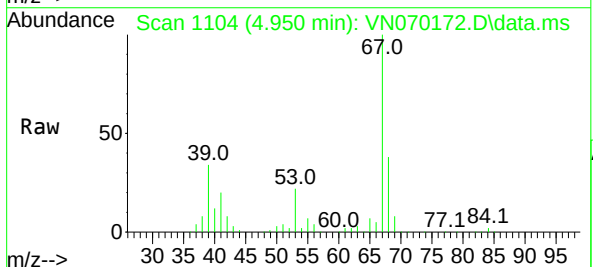
Instrument :
MSVOA_N
ClientSampleId :

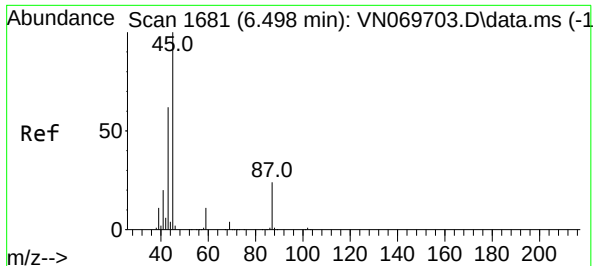
Tgt Ion: 73 Resp:27352044
Ion Ratio Lower Upper
73 100
57 27.0 16.8 25.2#



#20
Methylene Chloride
Concen: 7.093 ug/l
RT: 4.950 min Scan# 1104
Delta R.T. -0.142 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 84 Resp: 87520
Ion Ratio Lower Upper
84 100
49 27.6 93.5 140.3#
51 180.3 29.4 44.2#
86 0.0 53.0 79.4#





#22

Diisopropyl ether

Concen: 8.164 ug/l

RT: 6.503 min Scan# 1

Delta R.T. 0.005 min

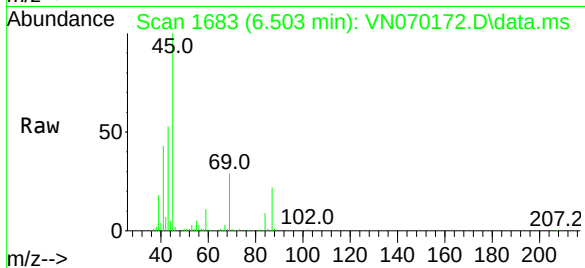
Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 45 Resp: 342288

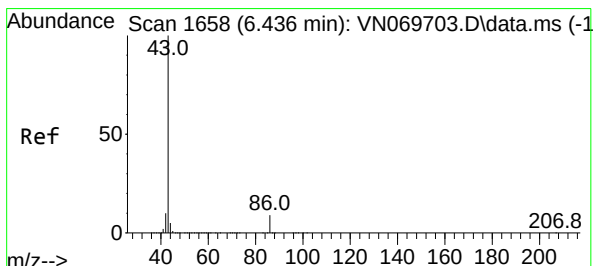
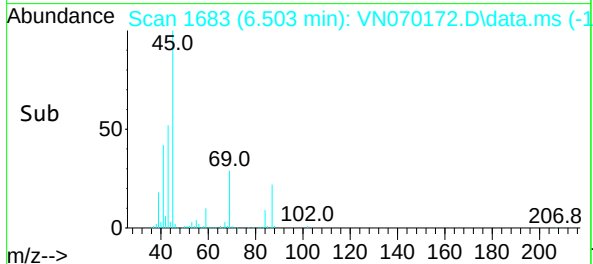
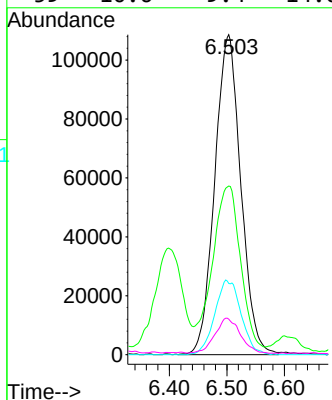
Ion Ratio Lower Upper

45 100

43 48.3 51.7 77.5#

87 22.3 23.2 34.8#

59 10.6 9.4 14.0



#23

Vinyl Acetate

Concen: 3.462 ug/l

RT: 6.399 min Scan# 1644

Delta R.T. -0.037 min

Lab File: VN070172.D

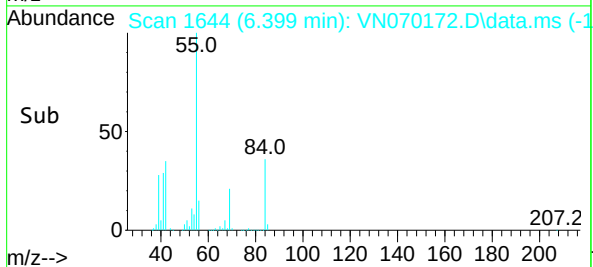
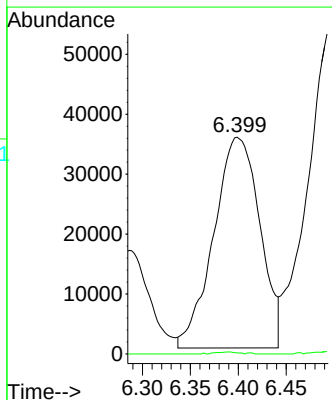
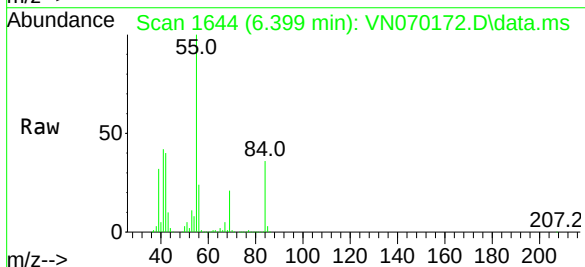
Acq: 17 Dec 2021 18:44

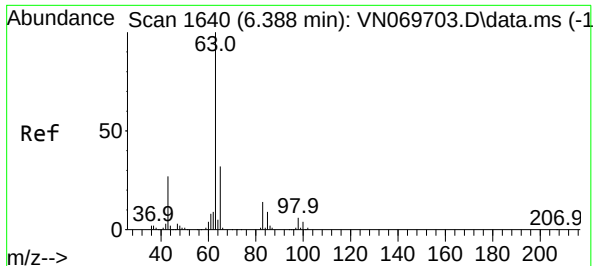
Tgt Ion: 43 Resp: 118095

Ion Ratio Lower Upper

43 100

86 0.6 8.5 12.7#





#24

1,1-Dichloroethane

Concen: 0.361 ug/l

RT: 6.391 min Scan# 1

Delta R.T. 0.003 min

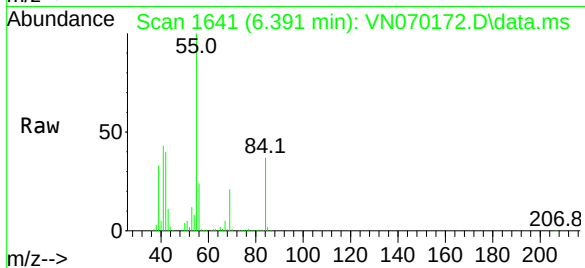
Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

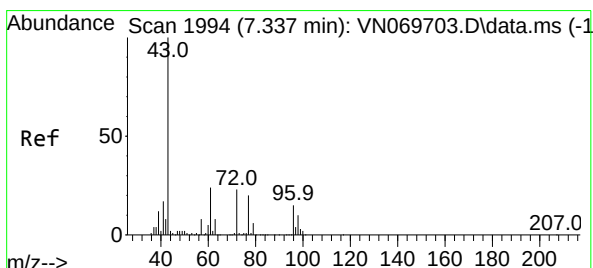
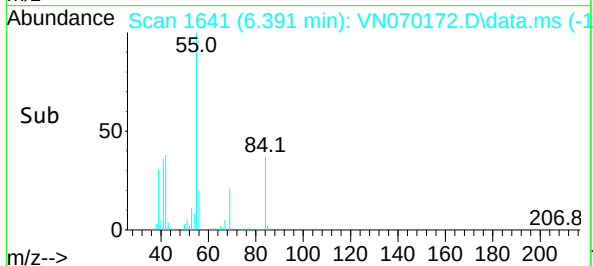
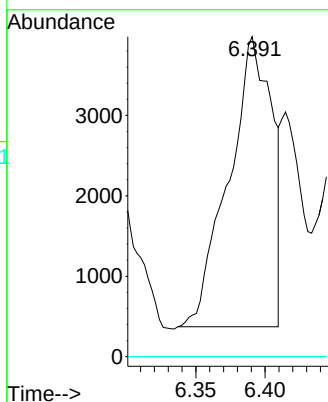
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 63	Resp: 7848
Ion Ratio	Lower Upper
63	100
98	0.0 3.3 9.9#
100	0.0 2.1 6.5#



#25

2-Butanone

Concen: 36.110 ug/l

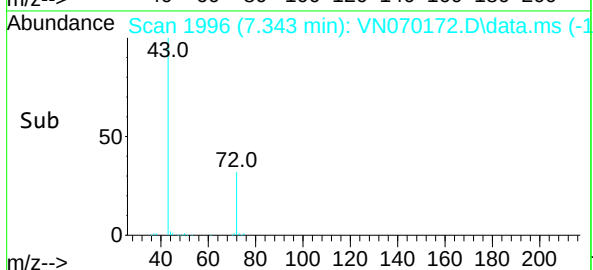
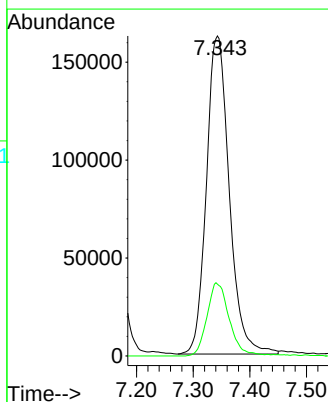
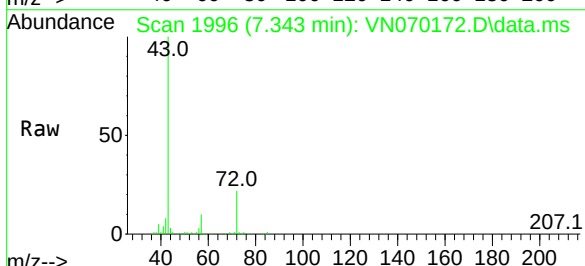
RT: 7.343 min Scan# 1996

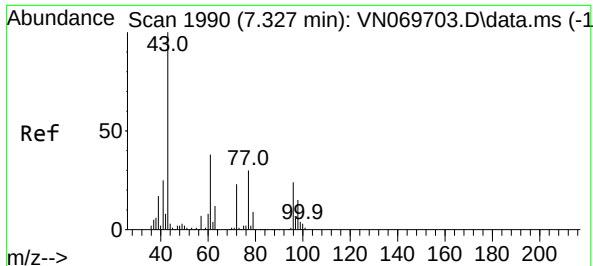
Delta R.T. 0.005 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Tgt Ion: 43	Resp: 455403
Ion Ratio	Lower Upper
43	100
72	22.6 21.7 32.5





#26

2,2-Dichloropropane

Concen: 1.672 ug/l

RT: 7.144 min Scan# 1990

Delta R.T. -0.182 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Instrument :

MSVOA_N

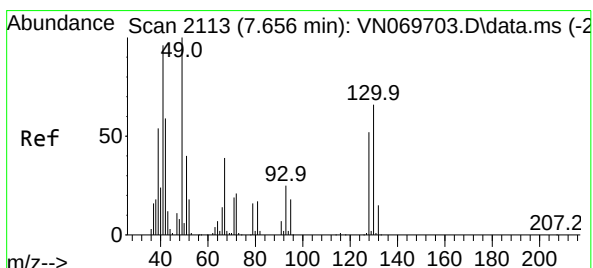
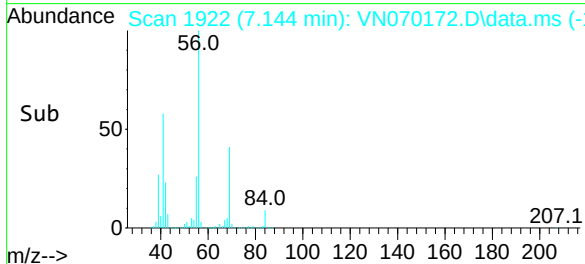
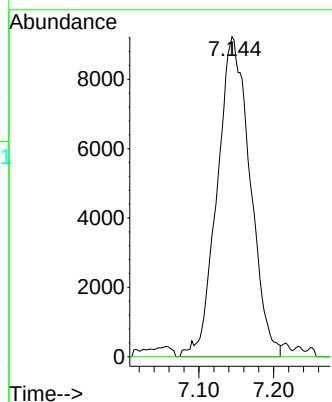
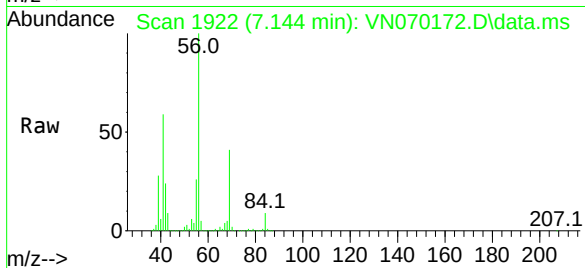
ClientSampleId :

Tgt Ion: 77 Resp: 28238

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#28

Bromochloromethane

Concen: 0.552 ug/l

RT: 7.844 min Scan# 2183

Delta R.T. 0.188 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

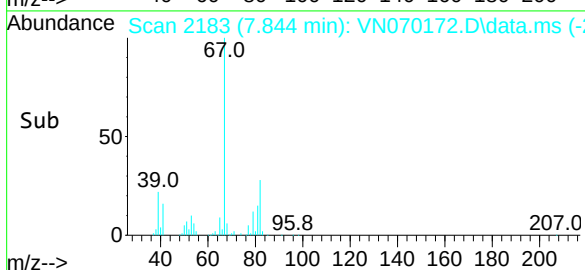
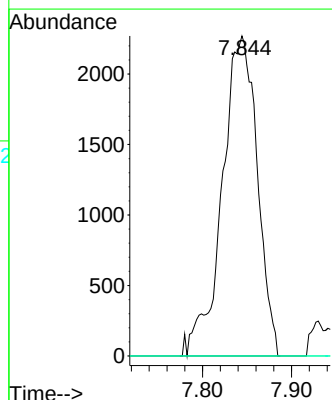
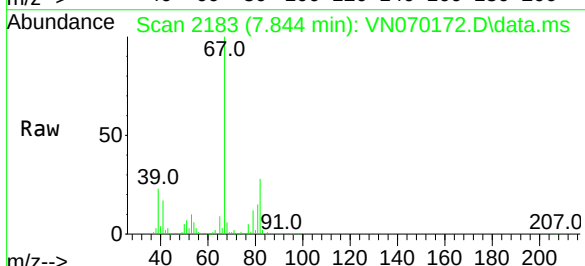
Tgt Ion: 49 Resp: 6235

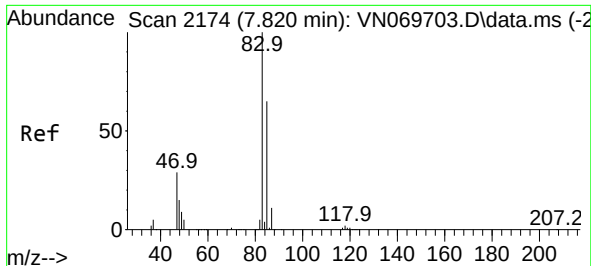
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 67.8 101.8#

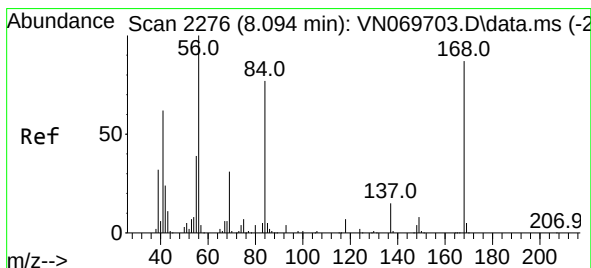
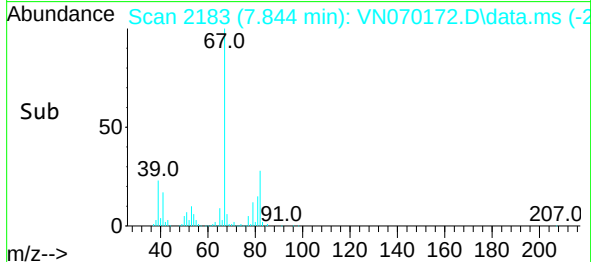
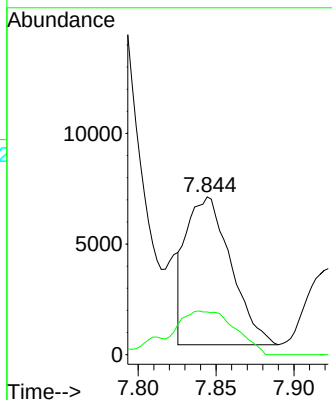
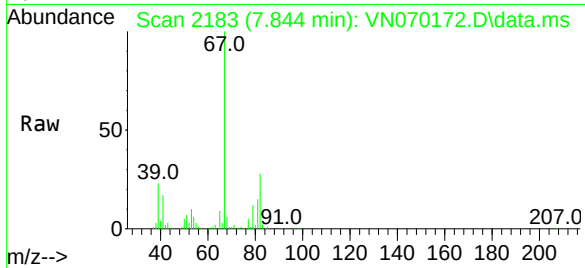




#30
Chloroform
Concen: 0.605 ug/l
RT: 7.844 min Scan# 2174
Delta R.T. 0.024 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

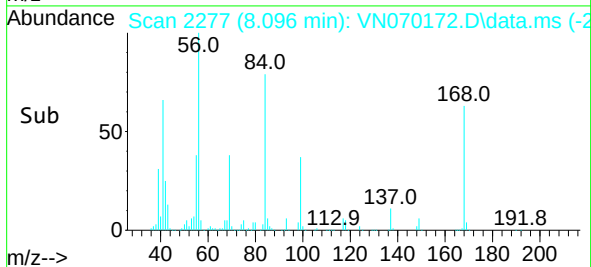
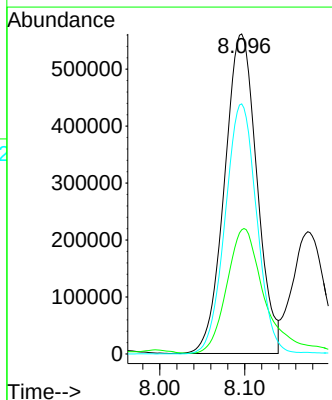
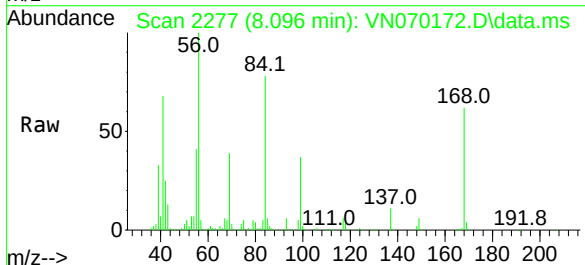
Instrument :
MSVOA_N
ClientSampleId :

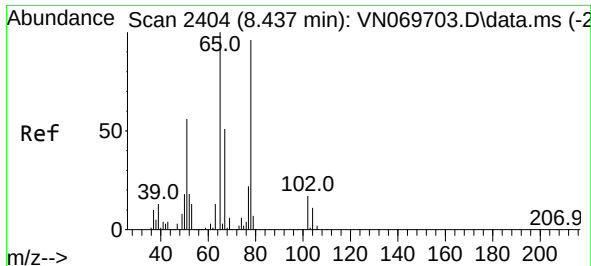
Tgt Ion: 83 Resp: 13275
Ion Ratio Lower Upper
83 100
85 28.9 51.9 77.9#



#31
Cyclohexane
Concen: 69.217 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.003 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 56 Resp: 1486323
Ion Ratio Lower Upper
56 100
69 38.5 27.1 40.7
84 78.2 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 46.503 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Instrument :

MSVOA_N

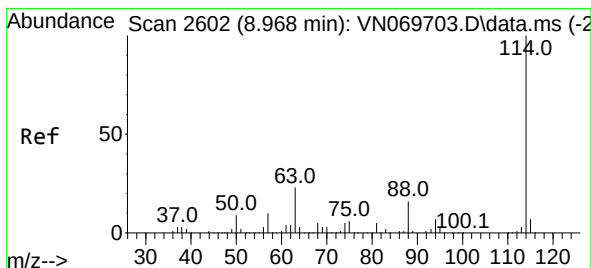
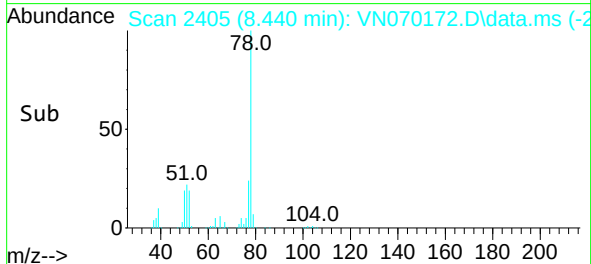
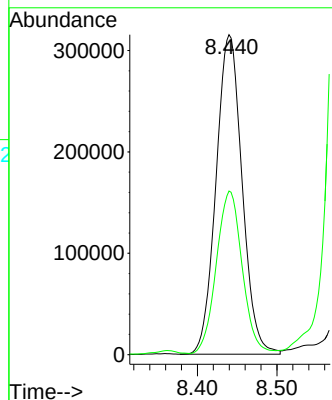
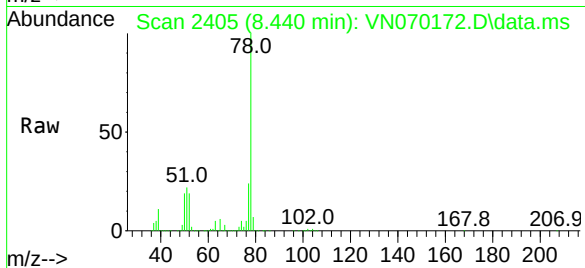
ClientSampleId :

Tgt Ion: 65 Resp: 717554

Ion Ratio Lower Upper

65 100

67 50.3 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: VN070172.D

Acq: 17 Dec 2021 18:44

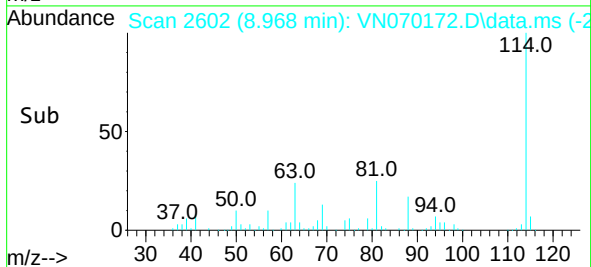
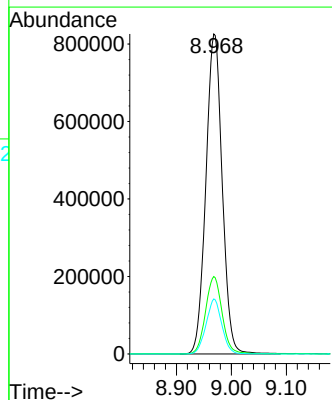
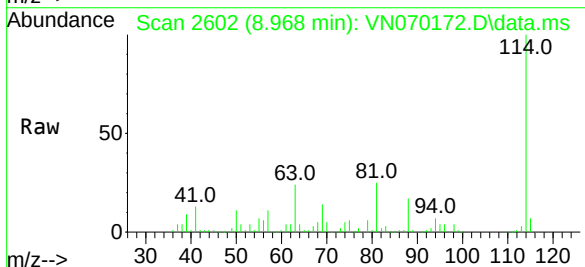
Tgt Ion: 114 Resp: 1705000

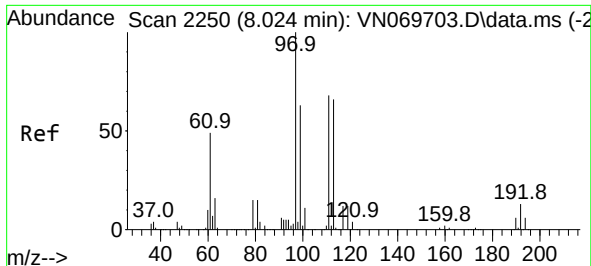
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

88 17.2 0.0 27.4

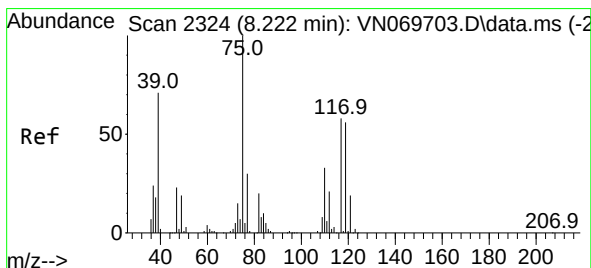
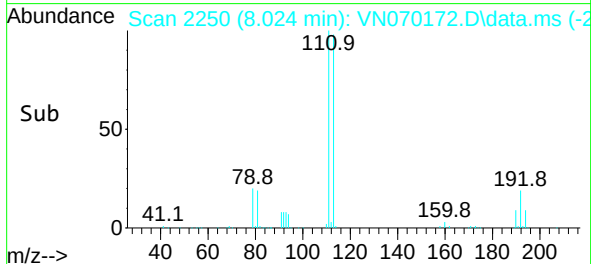
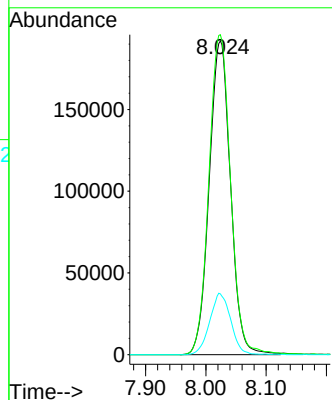
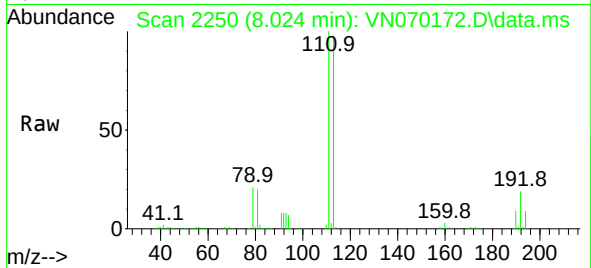




#35
Dibromofluoromethane
Concen: 44.135 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

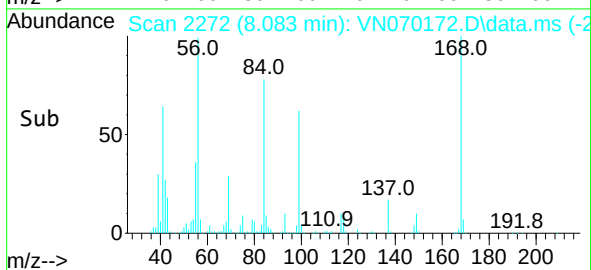
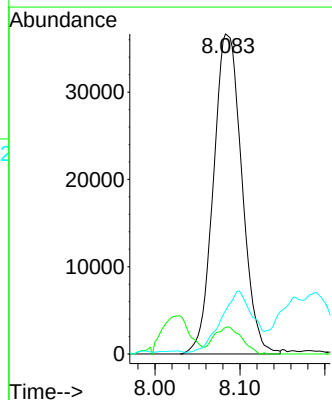
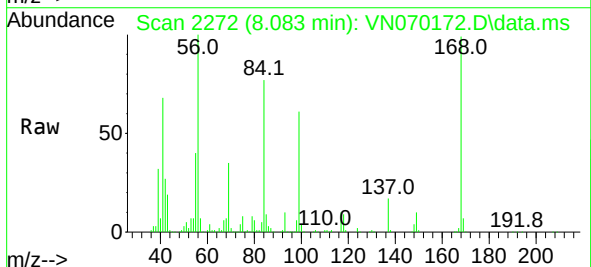
Instrument :
MSVOA_N
ClientSampleId :

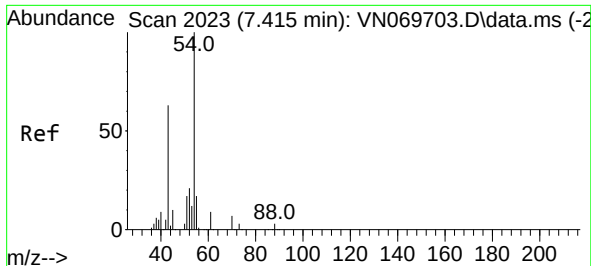
Tgt Ion:113 Resp: 471356
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 75 Resp: 85205
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 18.851 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. -0.072 min

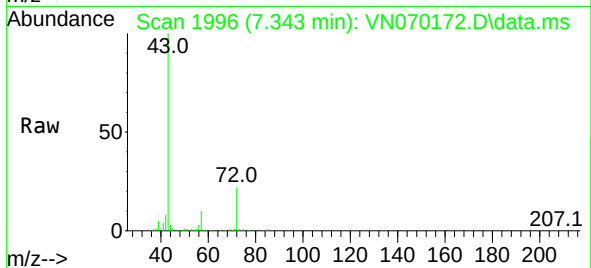
Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Instrument :

MSVOA_N

ClientSampleId :



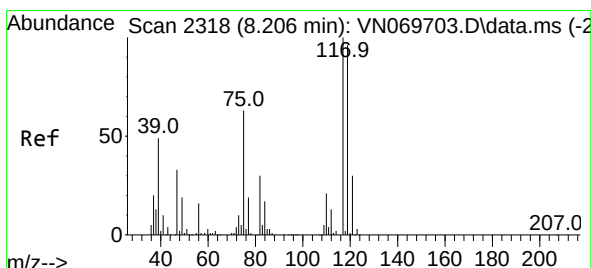
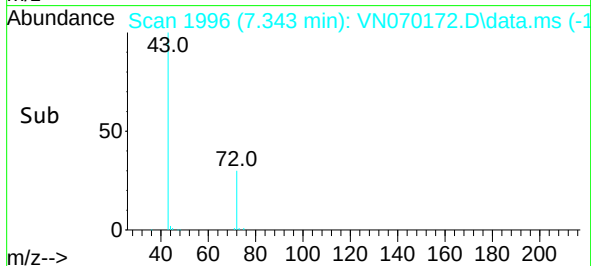
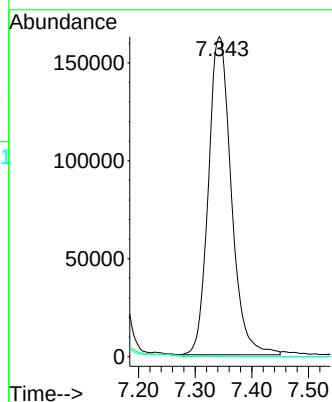
Tgt Ion: 43 Resp: 455403

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.366 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.121 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

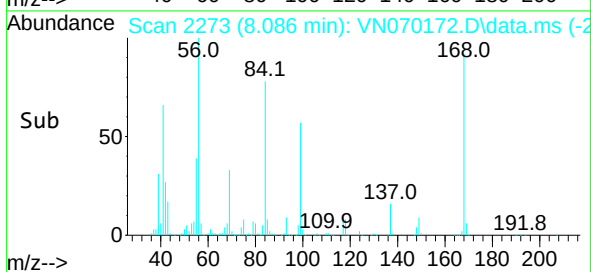
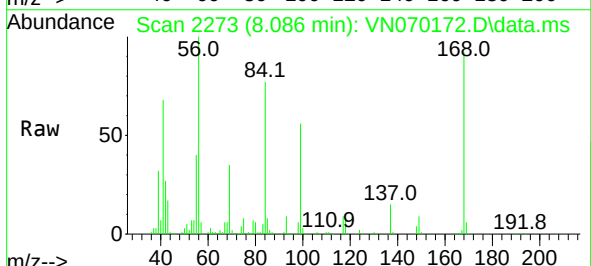
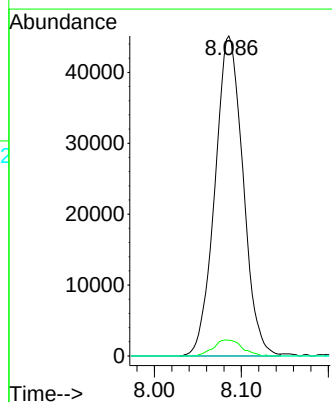
Tgt Ion: 117 Resp: 101323

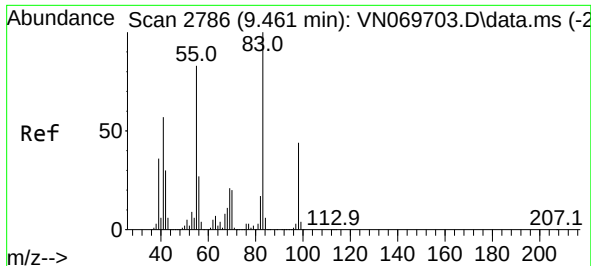
Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

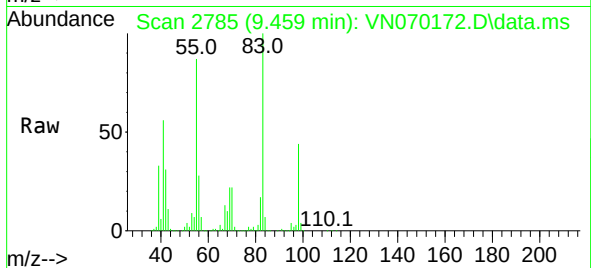
121 0.0 24.2 36.2#



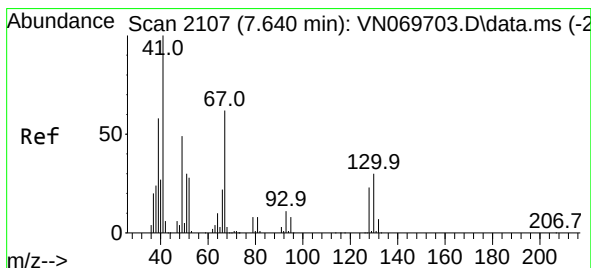
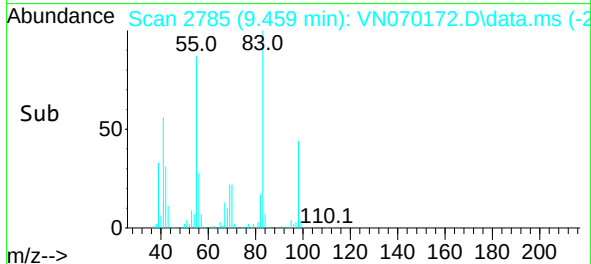
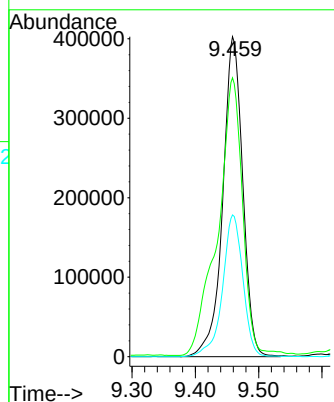


#39
Methylcyclohexane
Concen: 45.667 ug/l
RT: 9.459 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Instrument :
MSVOA_N
ClientSampleId :

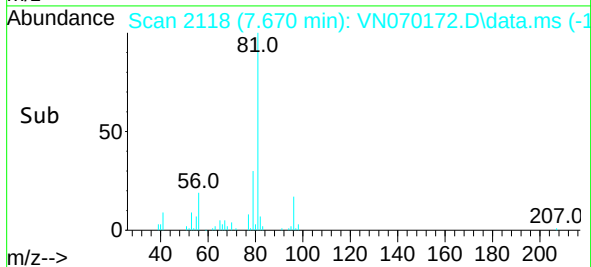
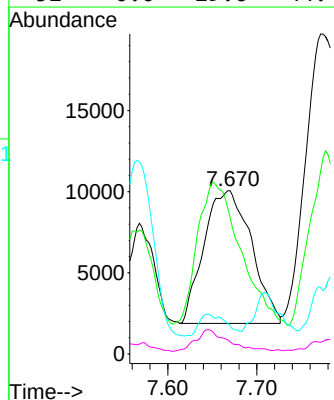
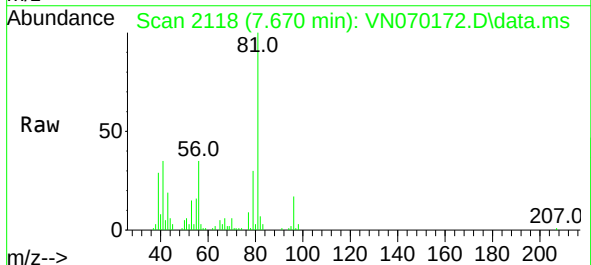


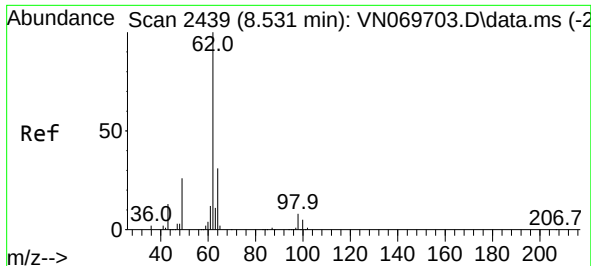
Tgt Ion: 83 Resp: 881667
Ion Ratio Lower Upper
83 100
55 86.7 58.1 87.1
98 44.3 38.4 57.6



#41
Methacrylonitrile
Concen: 2.666 ug/l
RT: 7.670 min Scan# 2118
Delta R.T. 0.030 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 41 Resp: 30233
Ion Ratio Lower Upper
41 100
39 0.0 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 17.116 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.070 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Instrument :

MSVOA_N

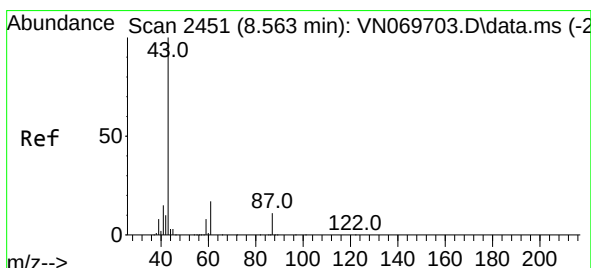
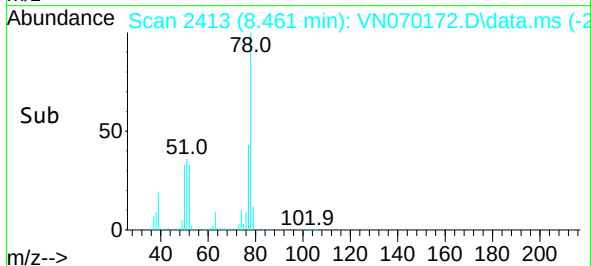
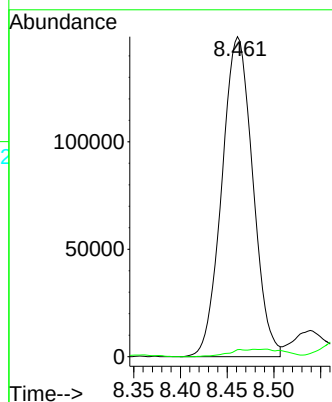
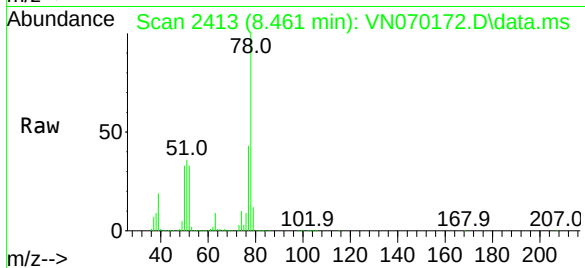
ClientSampleId :

Tgt Ion: 62 Resp: 342796

Ion Ratio Lower Upper

62 100

98 1.3 0.0 17.6



#43

Isopropyl Acetate

Concen: 74.982 ug/l

RT: 8.539 min Scan# 2442

Delta R.T. -0.024 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

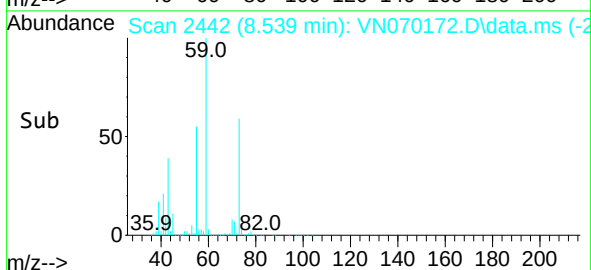
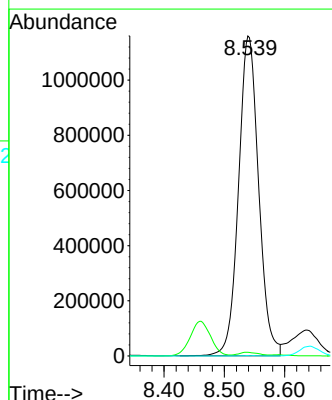
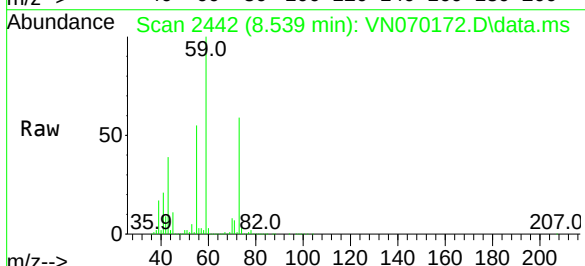
Tgt Ion: 43 Resp: 2680580

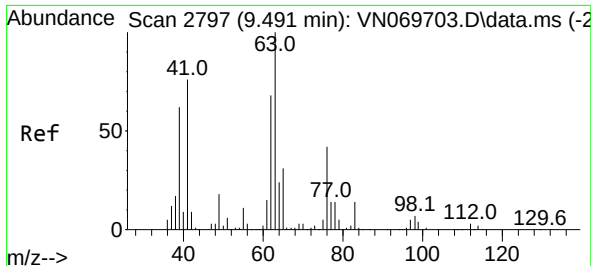
Ion Ratio Lower Upper

43 100

61 0.8 20.4 30.6#

87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.550 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.035 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Instrument :

MSVOA_N

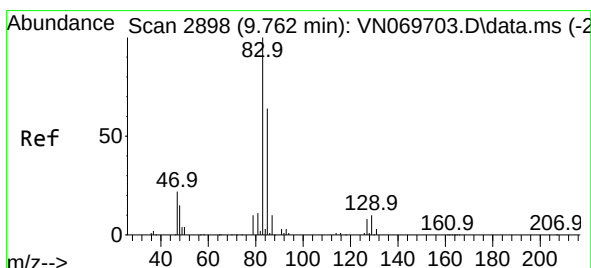
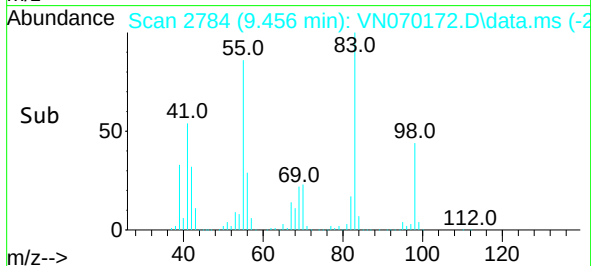
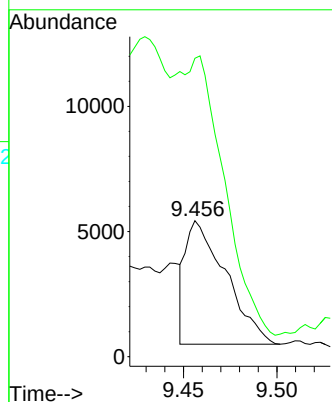
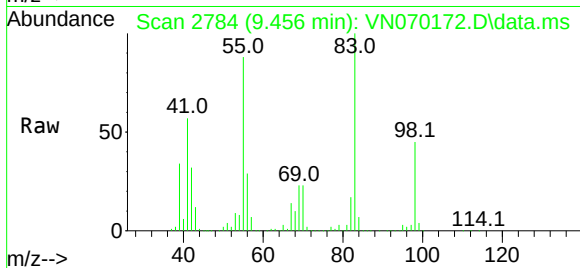
ClientSampleId :

Tgt Ion: 63 Resp: 7326

Ion Ratio Lower Upper

63 100

65 223.4 24.7 37.1#



#47

Bromodichloromethane

Concen: 1.528 ug/l

RT: 9.746 min Scan# 2892

Delta R.T. -0.016 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

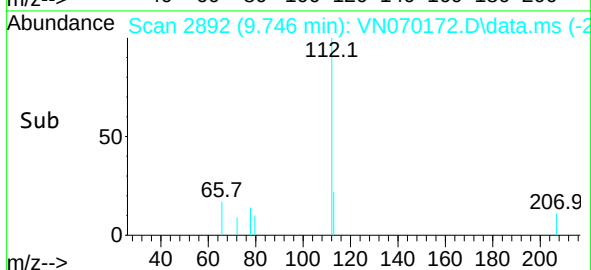
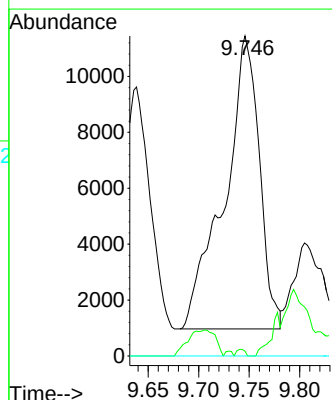
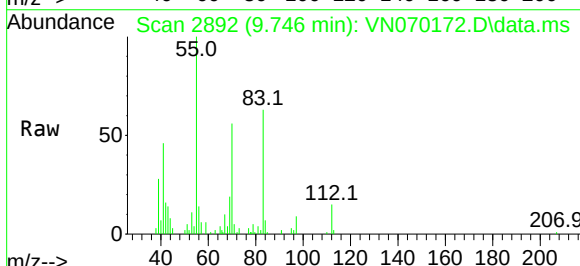
Tgt Ion: 83 Resp: 25286

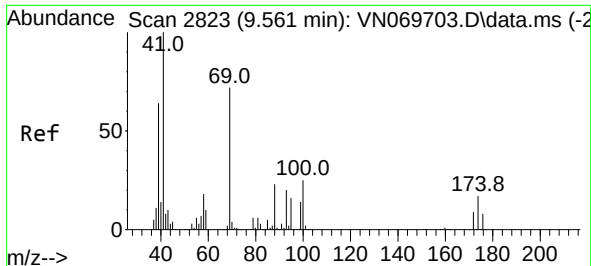
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 7.1 10.7#

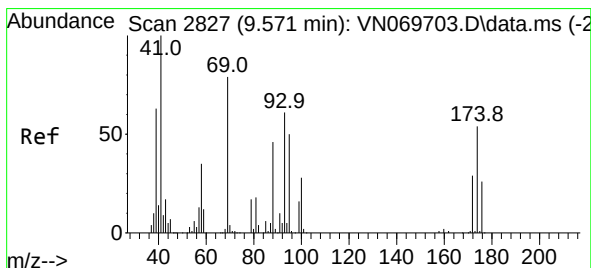
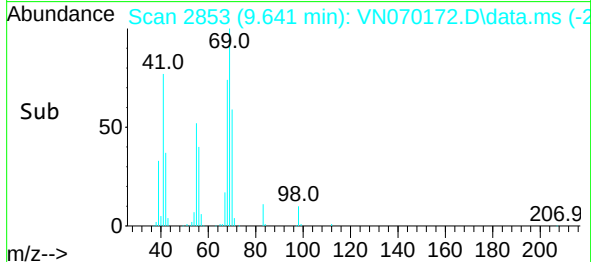
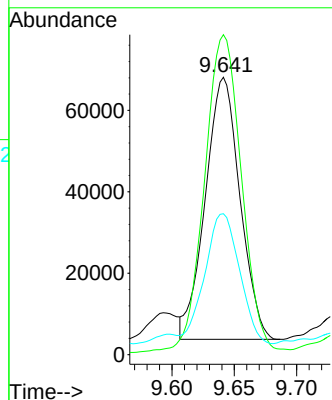
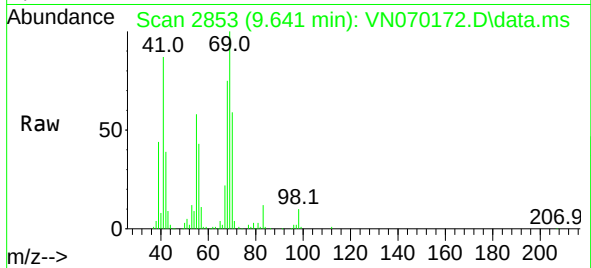




#48
Methyl methacrylate
Concen: 7.458 ug/l
RT: 9.641 min Scan# 21
Delta R.T. 0.080 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

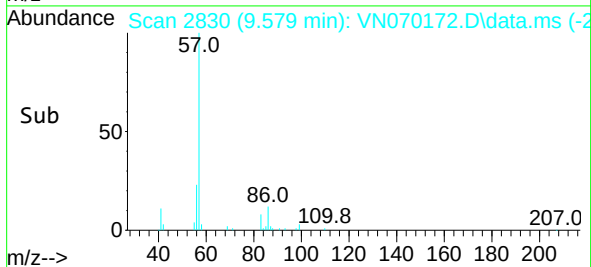
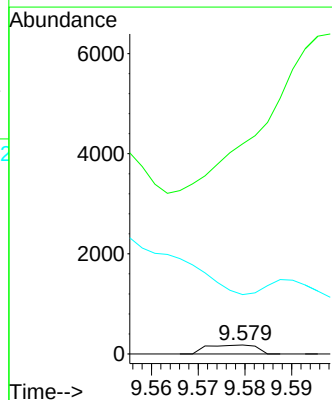
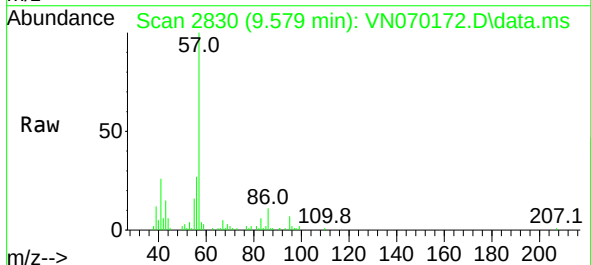
Instrument :
MSVOA_N
ClientSampleId :

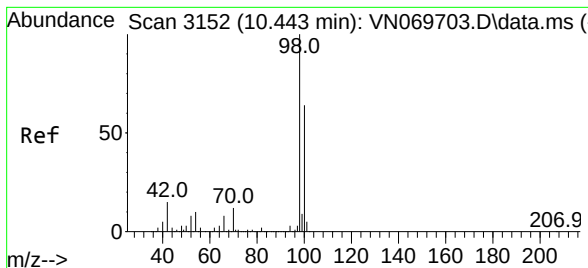
Tgt Ion: 41 Resp: 124422
Ion Ratio Lower Upper
41 100
69 129.8 72.4 108.6#
39 49.8 58.4 87.6#



#49
1,4-Dioxane
Concen: 0.441 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.008 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#





#50

Toluene-d8

Concen: 45.529 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Instrument :

MSVOA_N

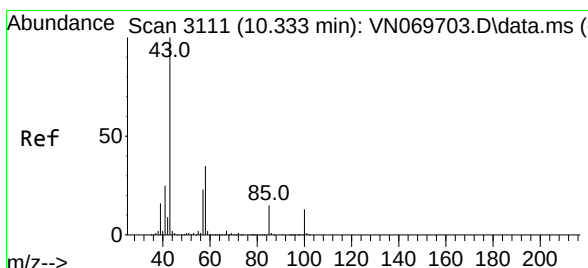
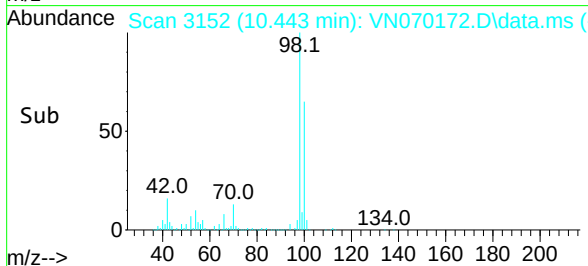
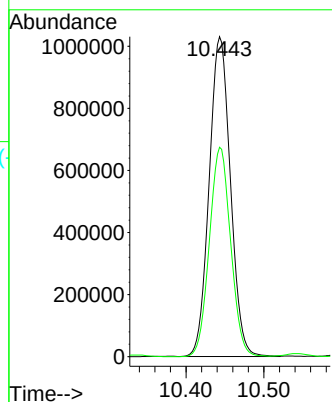
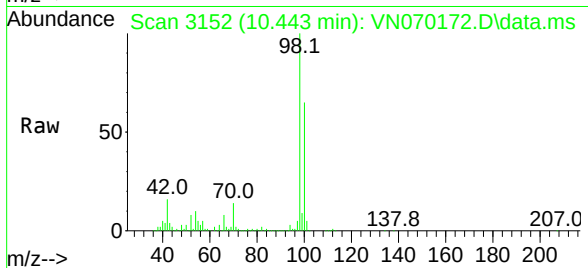
ClientSampleId :

Tgt Ion: 98 Resp: 1952422

Ion Ratio Lower Upper

98 100

100 65.7 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 4.661 ug/l

RT: 10.336 min Scan# 3112

Delta R.T. 0.003 min

Lab File: VN070172.D

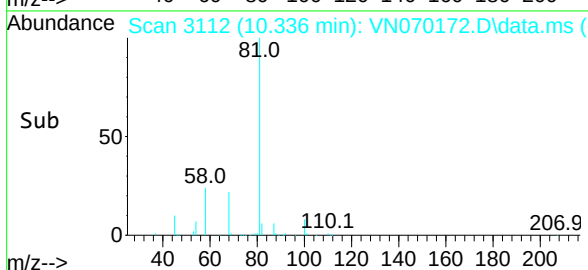
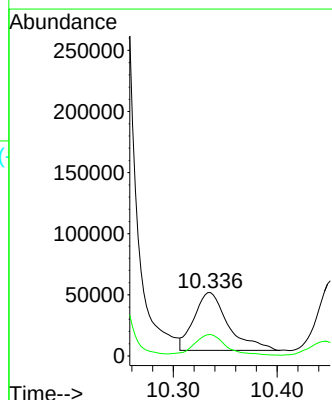
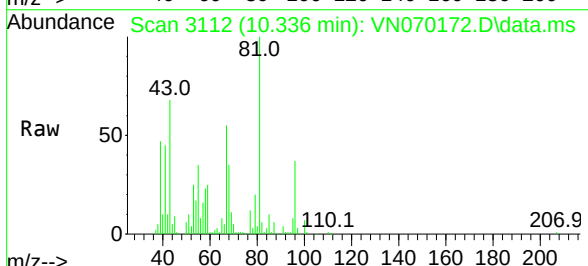
Acq: 17 Dec 2021 18:44

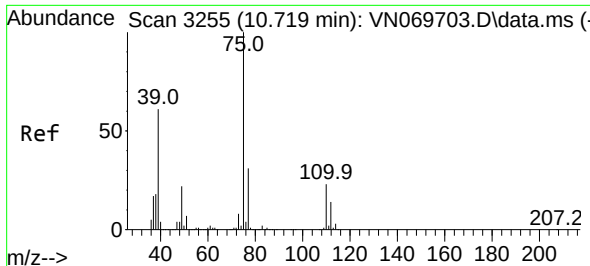
Tgt Ion: 43 Resp: 108098

Ion Ratio Lower Upper

43 100

58 33.2 30.4 45.6

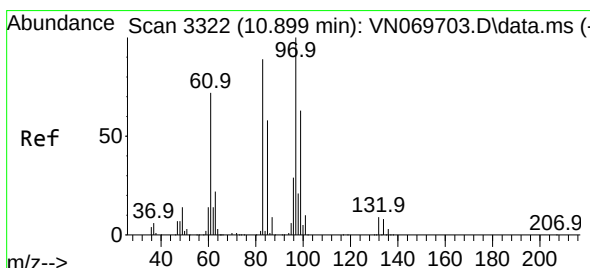
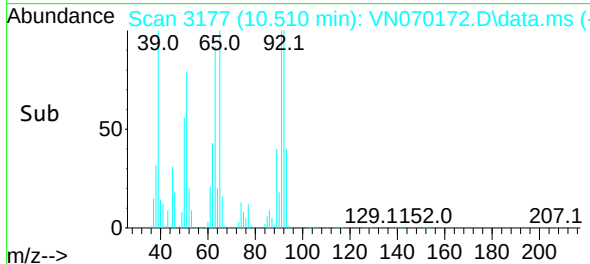
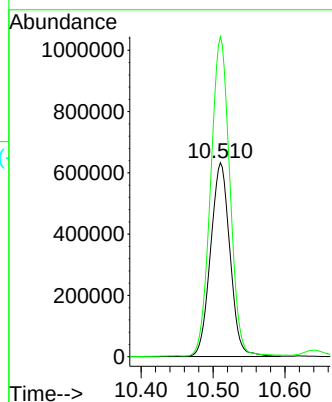
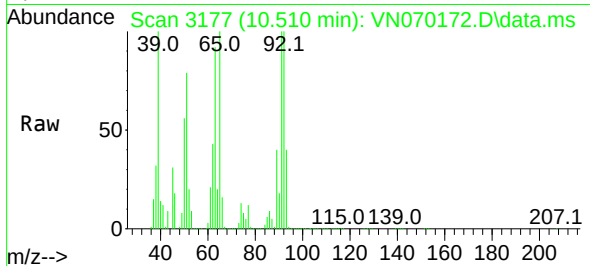




#53
t-1,3-Dichloropropene
Concen: 58.997 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. -0.209 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

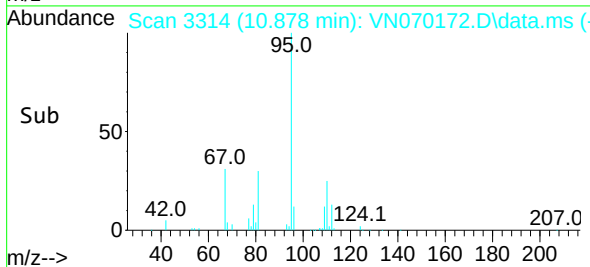
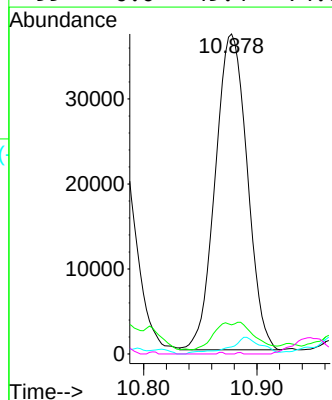
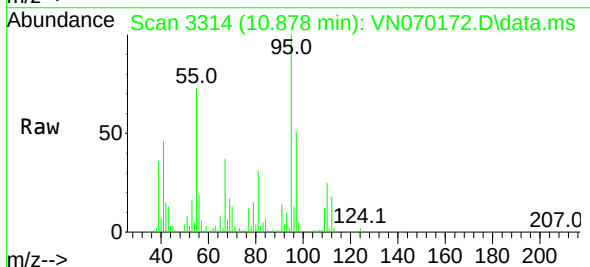
Instrument :
MSVOA_N
ClientSampleId :

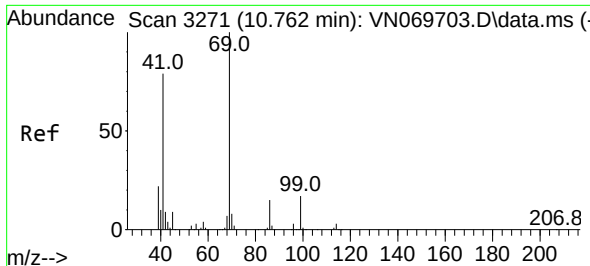
Tgt Ion: 75 Resp: 1184643
Ion Ratio Lower Upper
75 100
77 164.7 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 5.939 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 97 Resp: 72583
Ion Ratio Lower Upper
97 100
83 7.8 67.8 101.6#
85 2.3 45.4 68.2#
99 0.0 49.4 74.0#

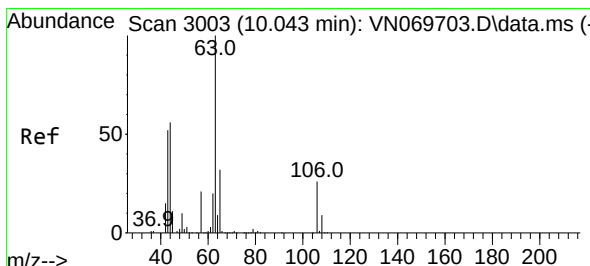
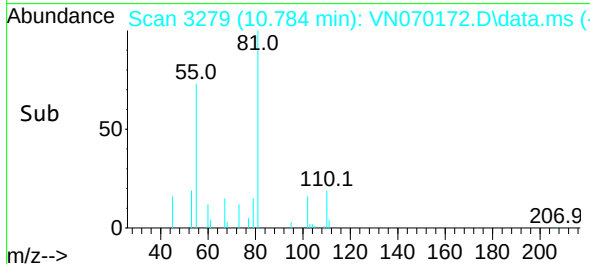
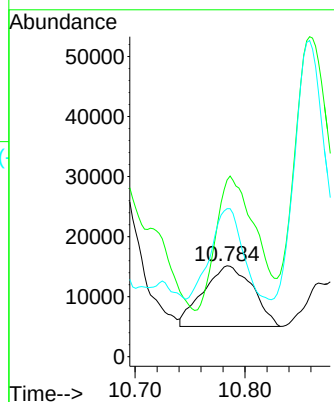
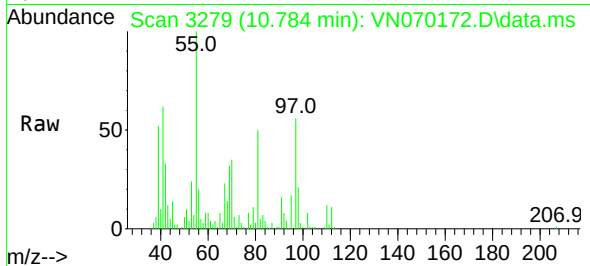




#56
Ethyl methacrylate
Concen: 3.590 ug/l
RT: 10.784 min Scan# 31660
Delta R.T. 0.022 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

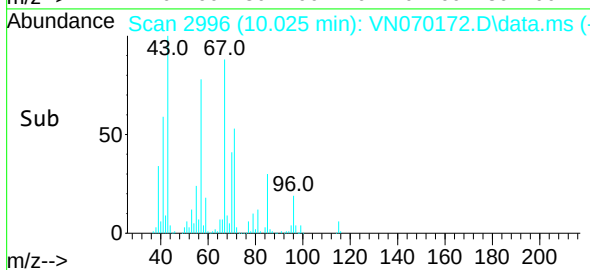
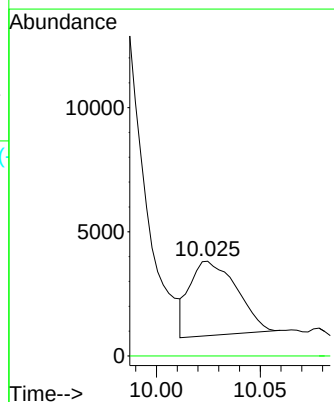
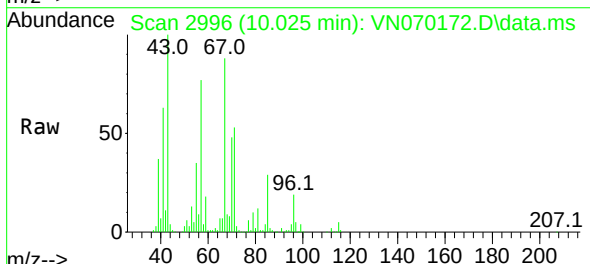
Instrument :
MSVOA_N
ClientSampleId :

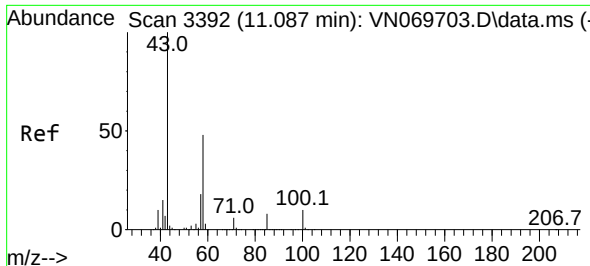
Tgt Ion: 69 Resp: 31660
Ion Ratio Lower Upper
69 100
41 176.5 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.086 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.018 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 63 Resp: 4683
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

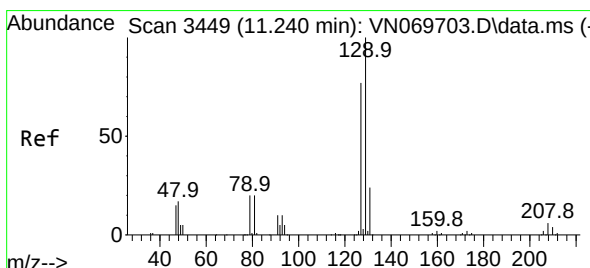
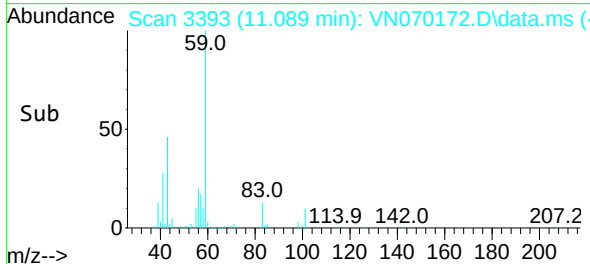
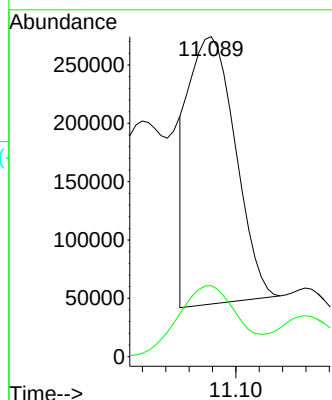
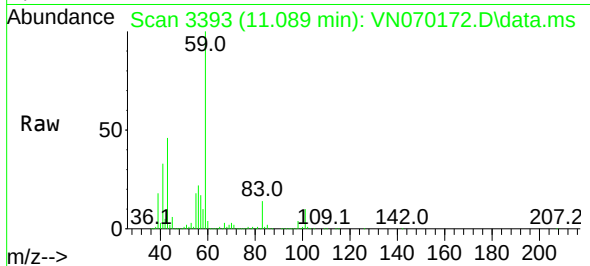




#59
2-Hexanone
Concen: 18.135 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

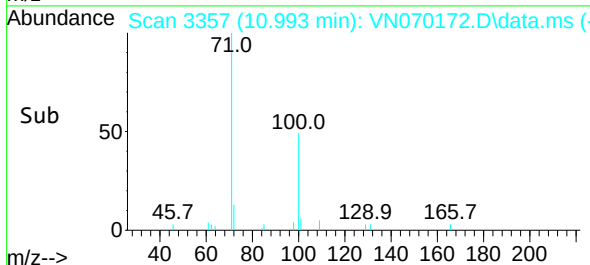
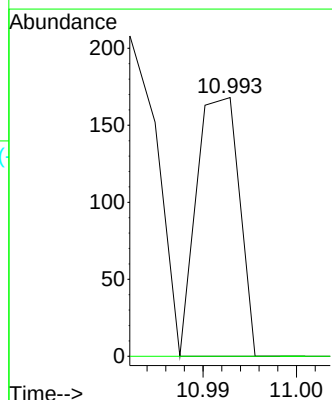
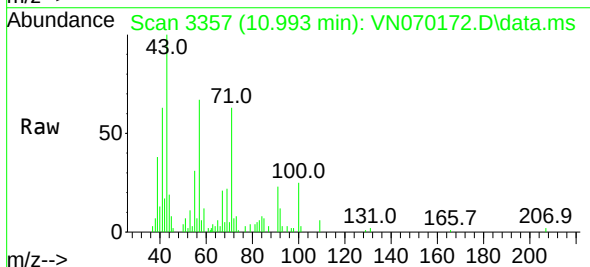
Instrument :
MSVOA_N
ClientSampleId :

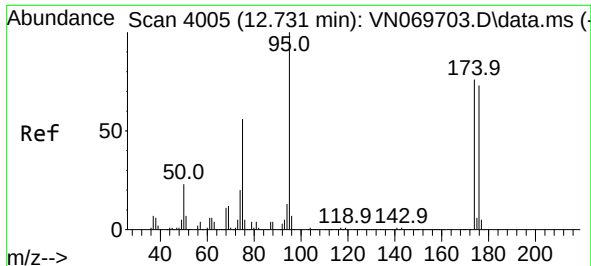
Tgt Ion: 43 Resp: 318162
Ion Ratio Lower Upper
43 100
58 34.5 26.9 80.7



#60
Dibromochloromethane
Concen: 2.380 ug/l
RT: 10.993 min Scan# 3357
Delta R.T. -0.247 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 129 Resp: 53
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

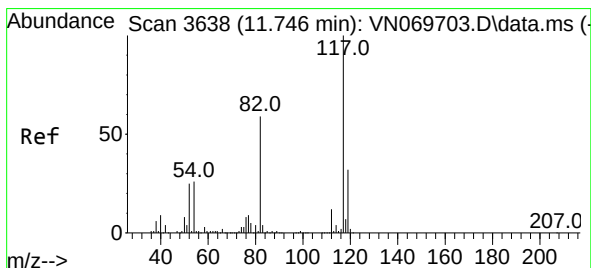
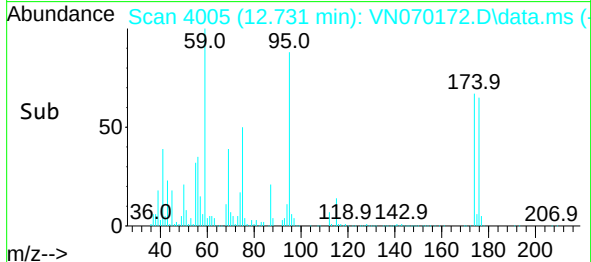
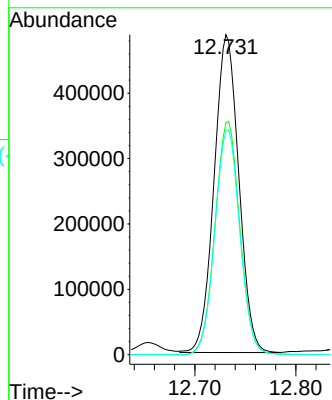
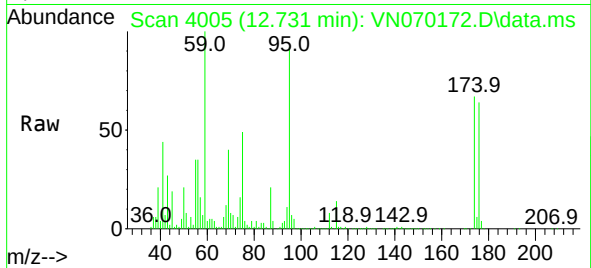




#62
4-Bromofluorobenzene
Concen: 53.105 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

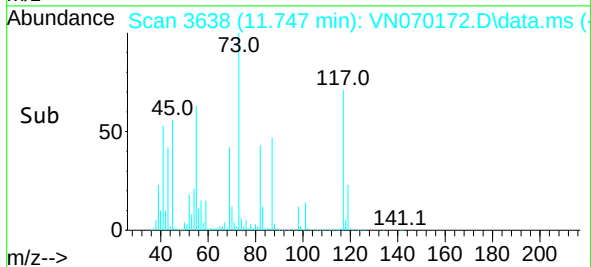
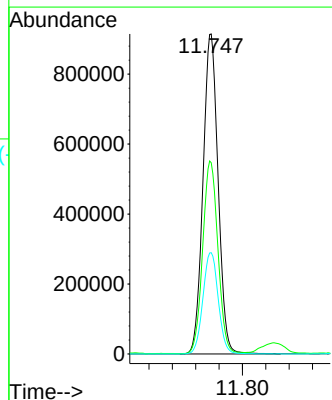
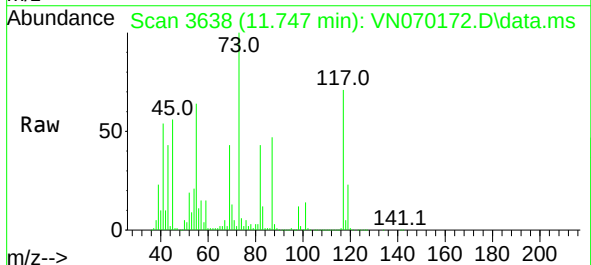
Instrument :
MSVOA_N
ClientSampleId :

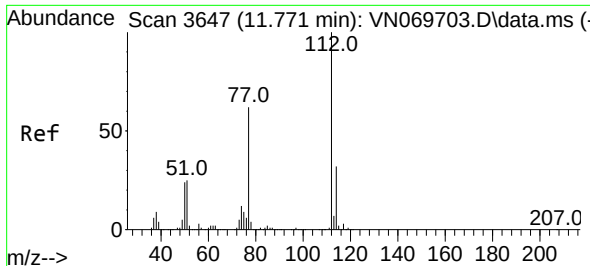
Tgt Ion: 95 Resp: 825017
Ion Ratio Lower Upper
95 100
174 73.8 0.0 187.2
176 71.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 117 Resp: 1642760
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.7 25.4 38.2

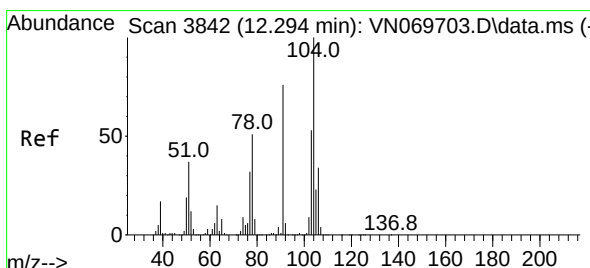
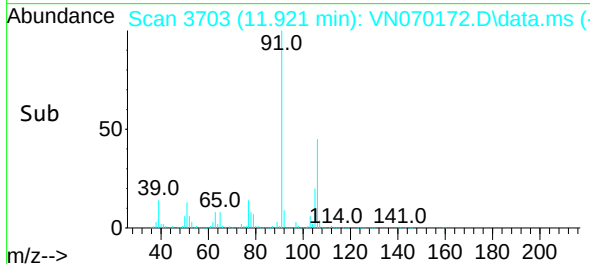
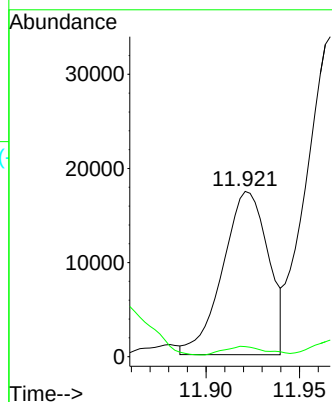
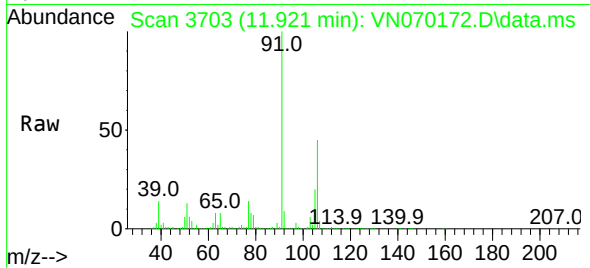




#65
Chlorobenzene
Concen: 0.885 ug/l
RT: 11.921 min Scan# 31
Delta R.T. 0.150 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

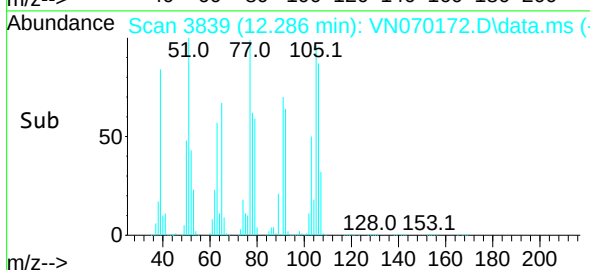
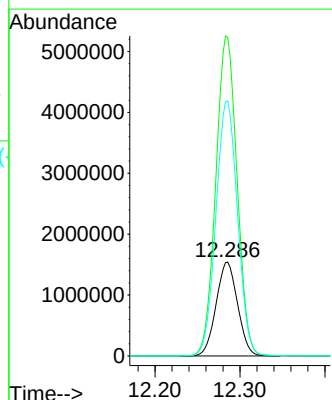
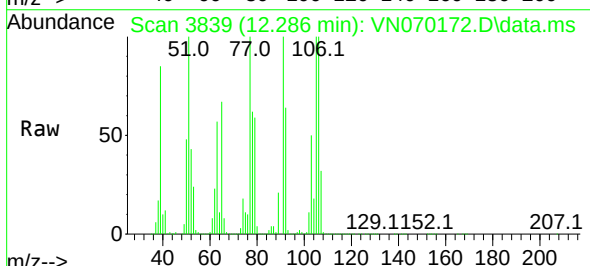
Instrument :
MSVOA_N
ClientSampleId :

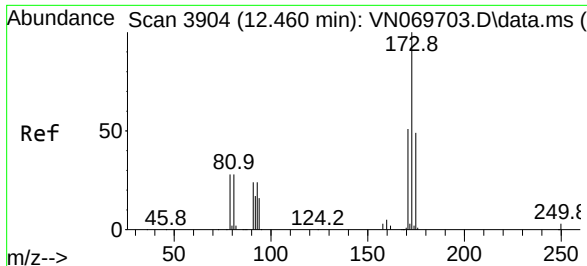
Tgt Ion:112 Resp: 29506
Ion Ratio Lower Upper
112 100
114 3.6 25.4 38.0#



#70
Styrene
Concen: 76.865 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.008 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion:104 Resp: 2706111
Ion Ratio Lower Upper
104 100
78 337.6 38.7 58.1#
103 274.2 45.0 67.6#

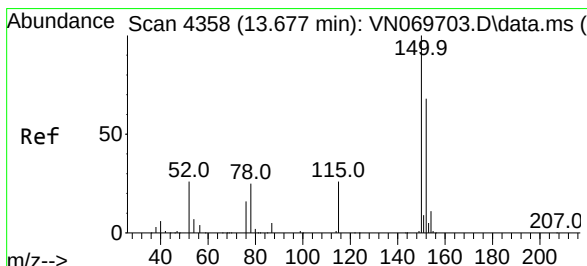
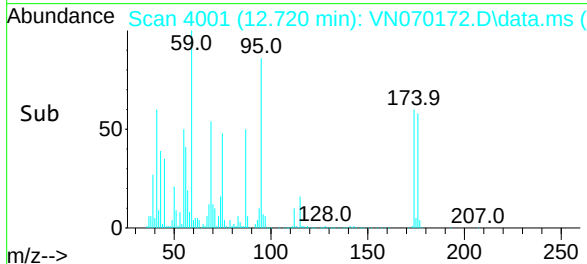
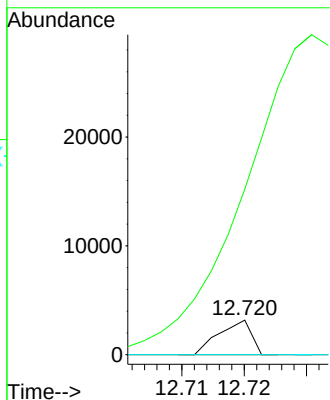
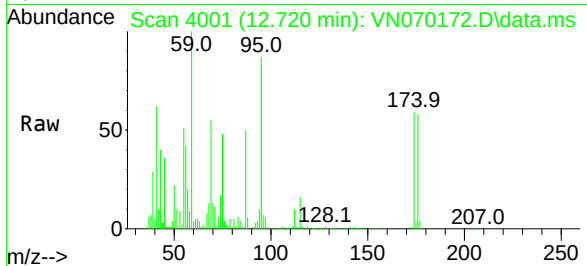




#71
Bromoform
Concen: 2.838 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

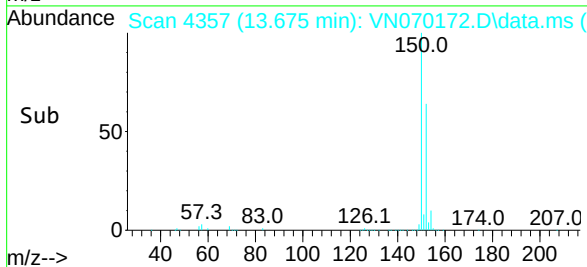
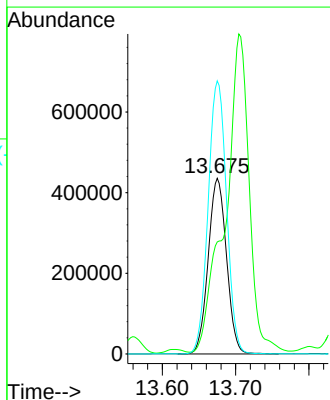
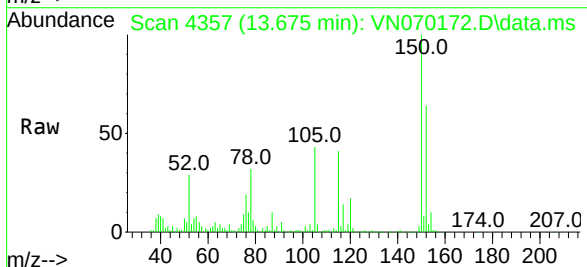
Instrument :
MSVOA_N
ClientSampleId :

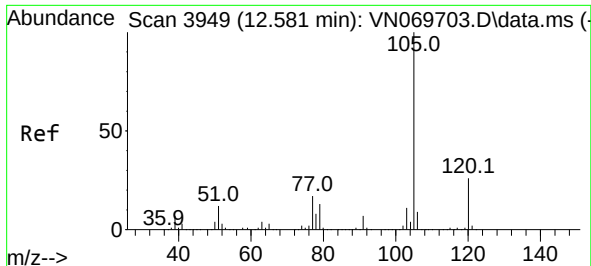
Tgt Ion:173 Resp: 1141
Ion Ratio Lower Upper
173 100
175 3898.4 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion:152 Resp: 754932
Ion Ratio Lower Upper
152 100
115 0.0 27.5 82.5#
150 156.3 0.0 344.4

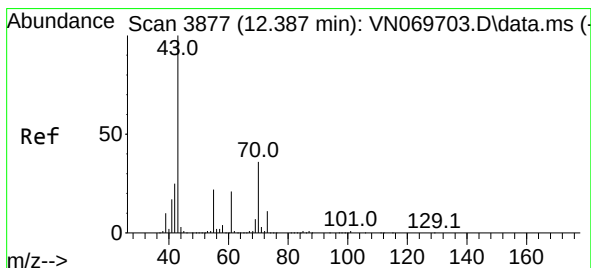
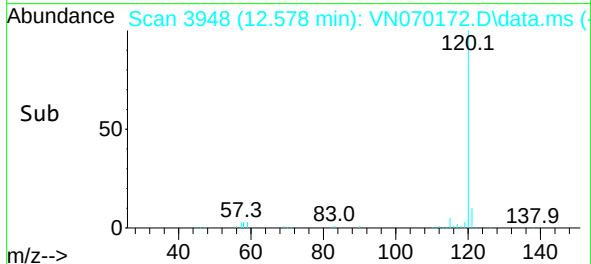
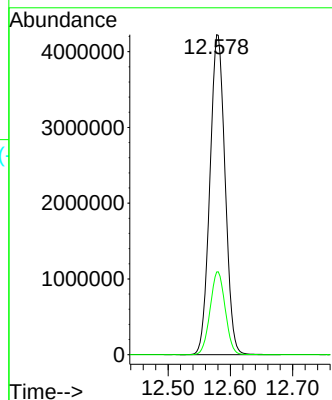
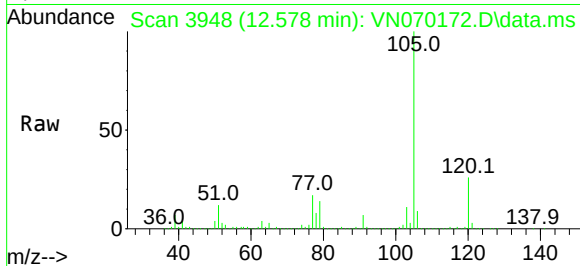




#73
Isopropylbenzene
Concen: 106.390 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

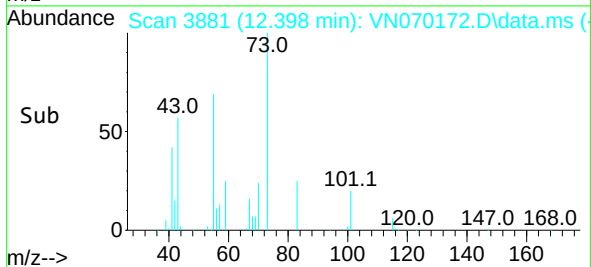
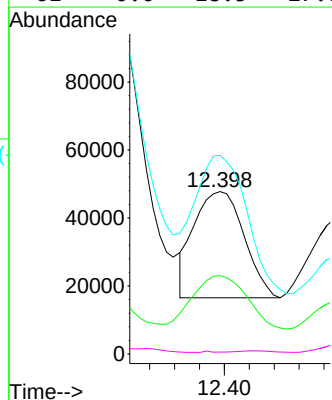
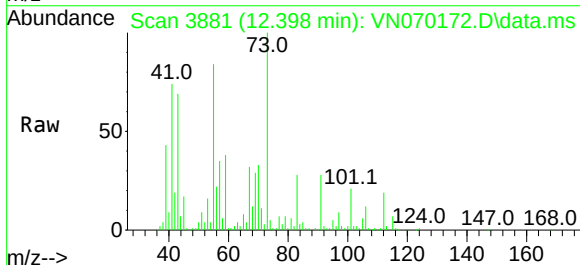
Instrument :
MSVOA_N
ClientSampleId :

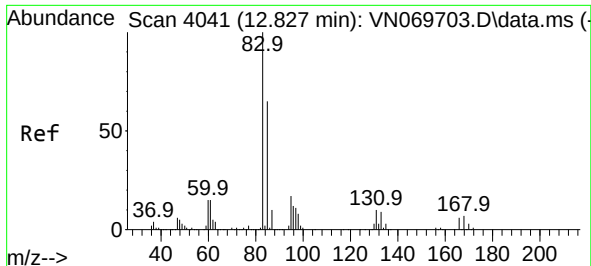
Tgt Ion:105 Resp: 7145948
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-amy1 acetate
Concen: 1.465 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.011 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 43 Resp: 43519
Ion Ratio Lower Upper
43 100
70 76.2 33.4 50.0#
55 166.6 19.3 28.9#
61 0.0 18.5 27.7#

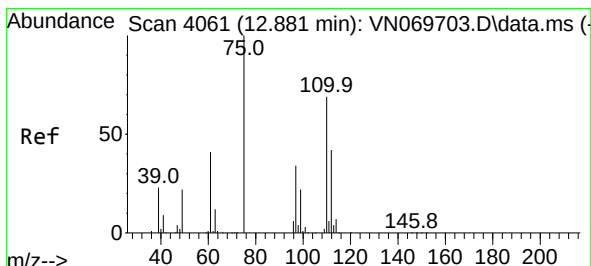
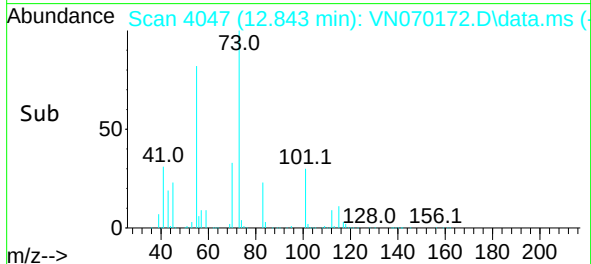
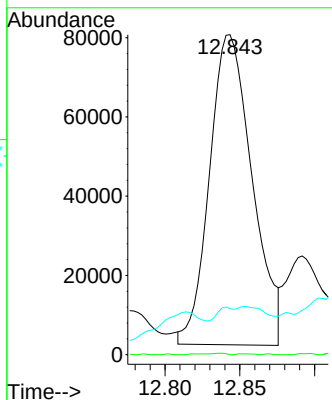
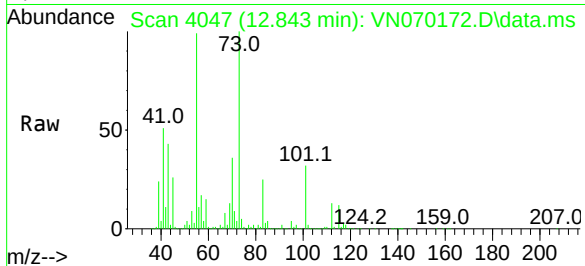




#75
1,1,2,2-Tetrachloroethane
Concen: 6.694 ug/l
RT: 12.843 min Scan# 4041
Delta R.T. 0.016 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

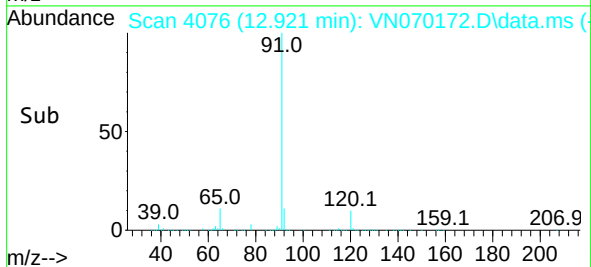
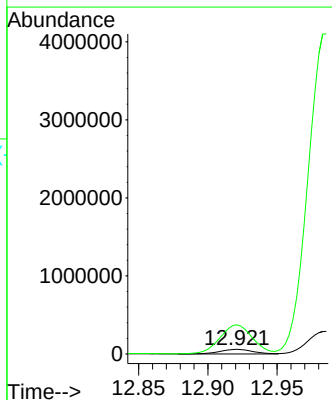
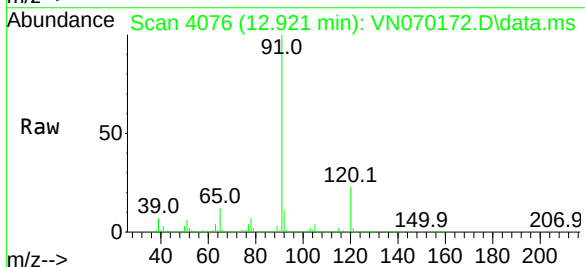
Instrument :
MSVOA_N
ClientSampleId :

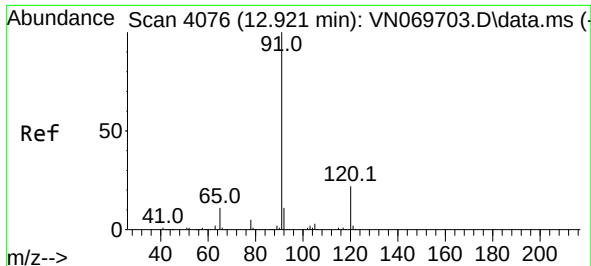
Tgt Ion: 83 Resp: 155475
Ion Ratio Lower Upper
83 100
131 0.1 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 4.352 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.040 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 75 Resp: 94225
Ion Ratio Lower Upper
75 100
77 642.3 82.6 247.8#

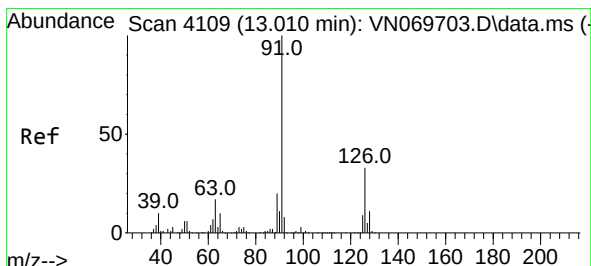
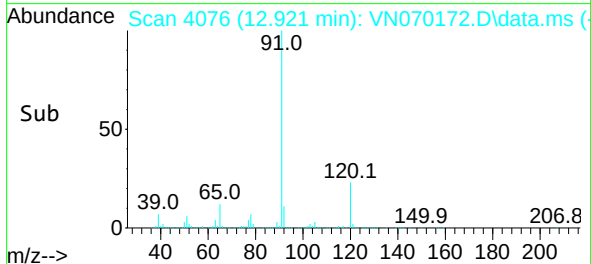
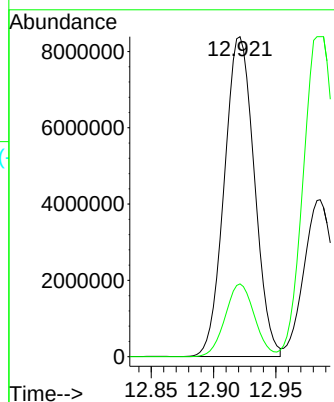
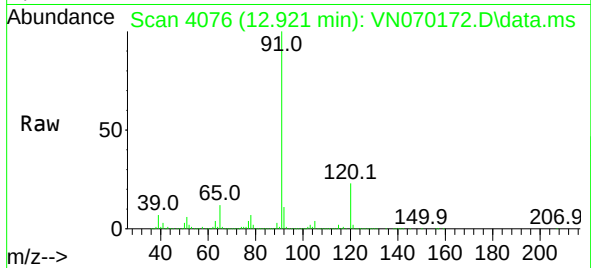




#78
n-propylbenzene
Concen: 187.878 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

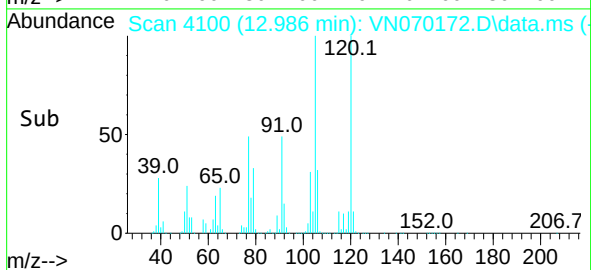
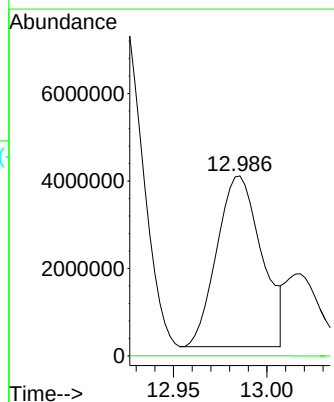
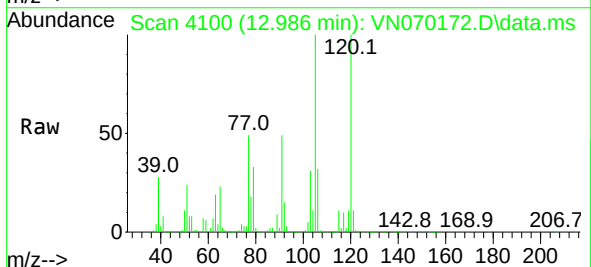
Instrument :
MSVOA_N
ClientSampleId :

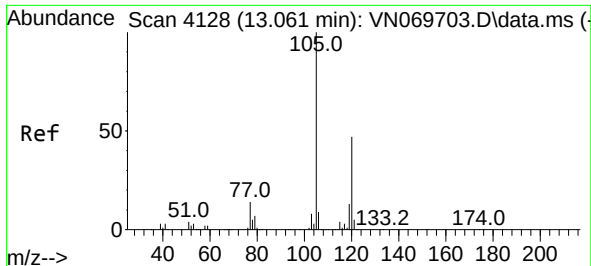
Tgt Ion: 91 Resp:14042564
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9



#79
2-Chlorotoluene
Concen: 138.584 ug/l
RT: 12.986 min Scan# 4100
Delta R.T. -0.024 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 91 Resp: 6545046
Ion Ratio Lower Upper
91 100
126 0.1 18.3 54.8#

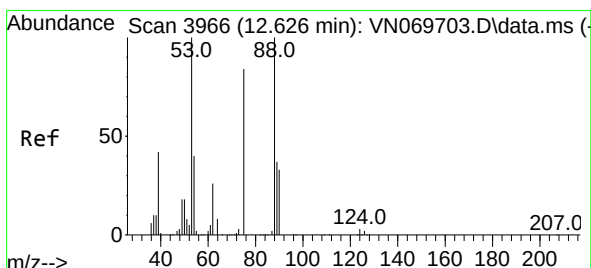
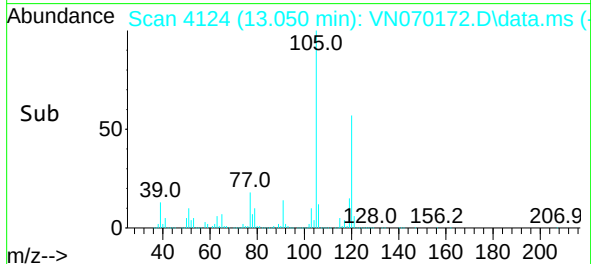
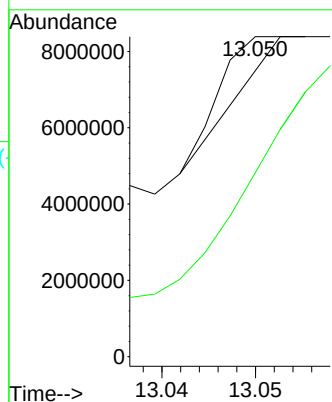
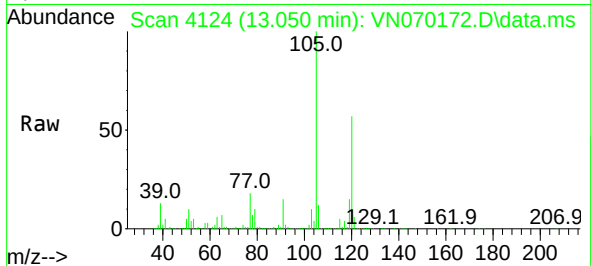




#80
1,3,5-Trimethylbenzene
Concen: 14.123 ug/l
RT: 13.050 min Scan# 4128
Delta R.T. -0.011 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

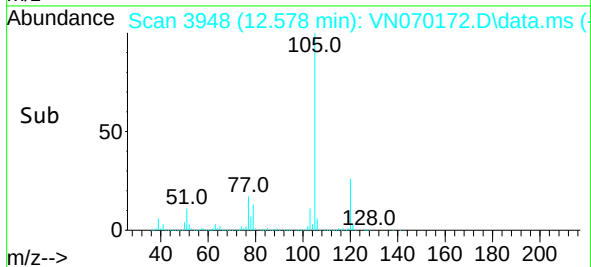
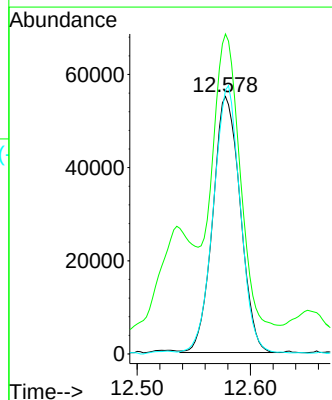
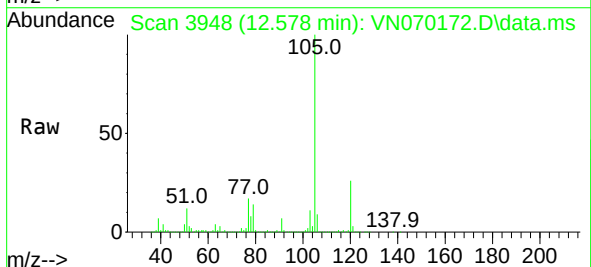
Instrument :
MSVOA_N
ClientSampleId :

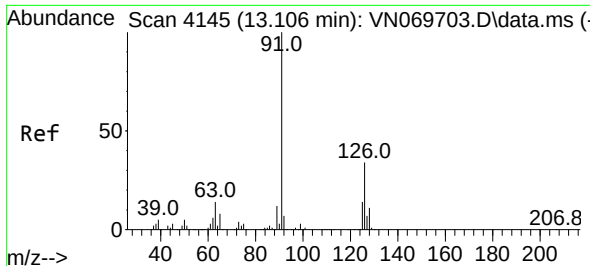
Tgt Ion:105 Resp: 763534
Ion Ratio Lower Upper
105 100
120 1705.3 24.6 73.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 16.946 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.048 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 75 Resp: 92768
Ion Ratio Lower Upper
75 100
53 113.5 90.5 135.7
89 102.0 38.2 57.4#

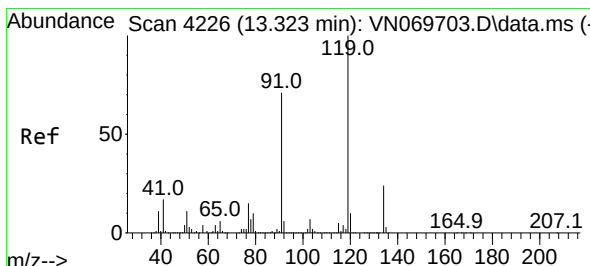
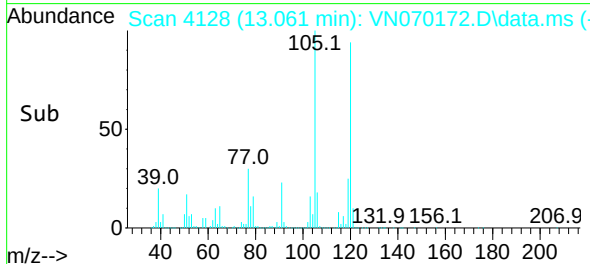
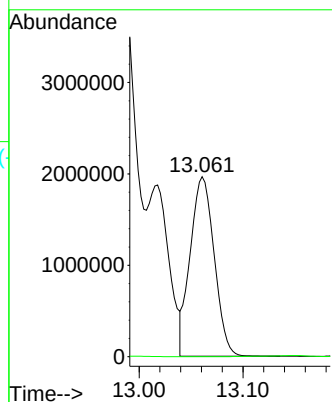
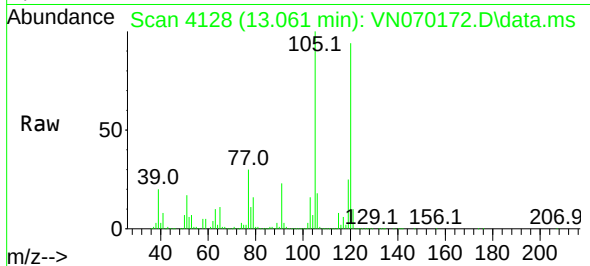




#82
4-Chlorotoluene
Concen: 70.754 ug/l
RT: 13.061 min Scan# 4145
Delta R.T. -0.045 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

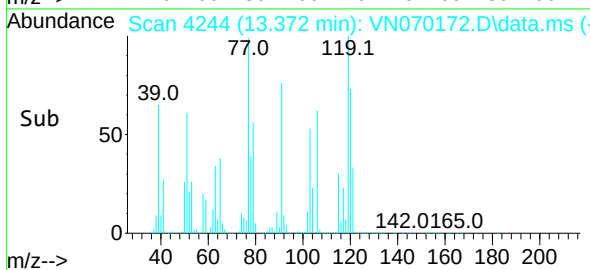
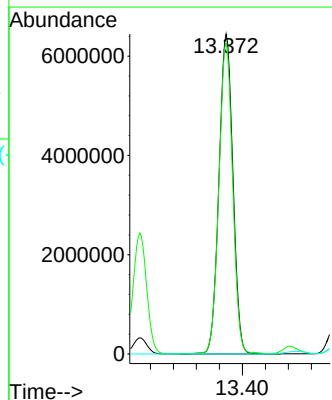
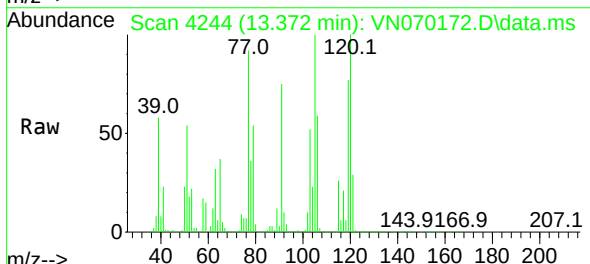
Instrument :
MSVOA_N
ClientSampleId :

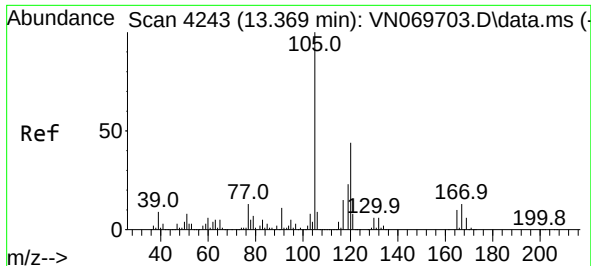
Tgt Ion: 91 Resp: 3142540
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 226.808 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.048 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 119 Resp: 10857420
Ion Ratio Lower Upper
119 100
91 95.8 31.5 94.5#
134 0.0 12.4 37.4#

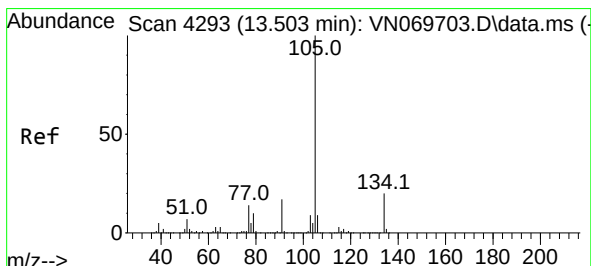
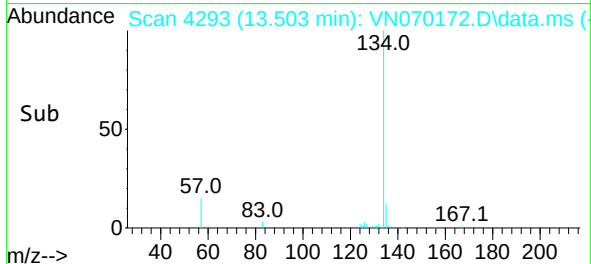
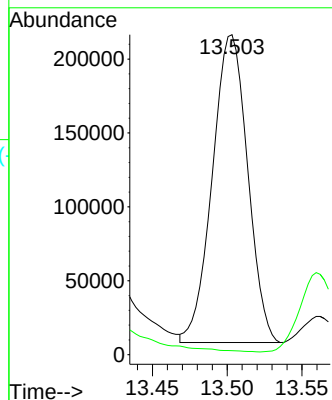
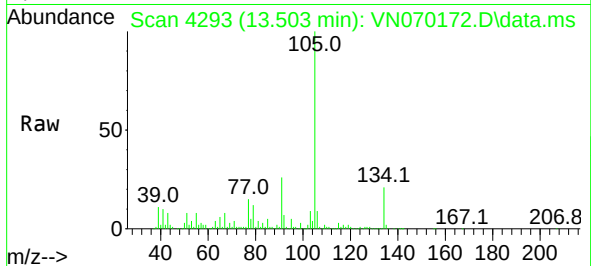




#84
1,2,4-Trimethylbenzene
Concen: 6.649 ug/l
RT: 13.503 min Scan# 41
Delta R.T. 0.134 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

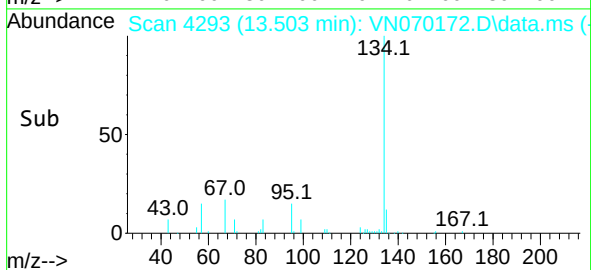
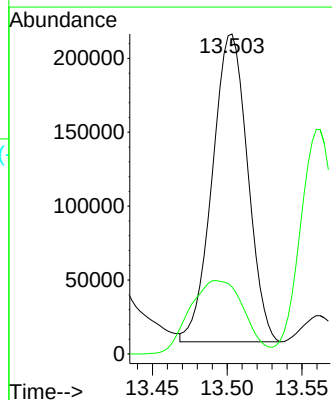
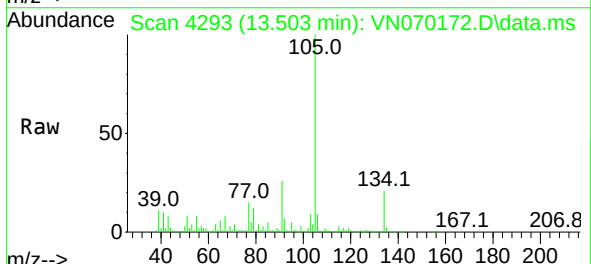
Instrument :
MSVOA_N
ClientSampleId :

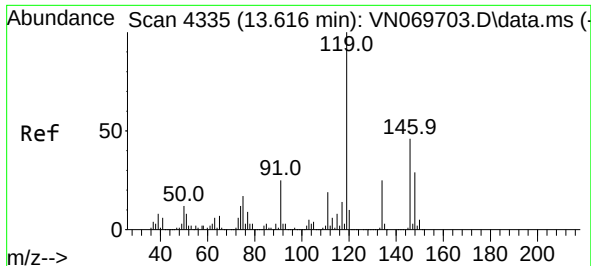
Tgt Ion:105 Resp: 342321
Ion Ratio Lower Upper
105 100
120 0.0 22.8 68.4#



#85
sec-Butylbenzene
Concen: 5.272 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion:105 Resp: 342321
Ion Ratio Lower Upper
105 100
134 36.6 10.4 31.1#

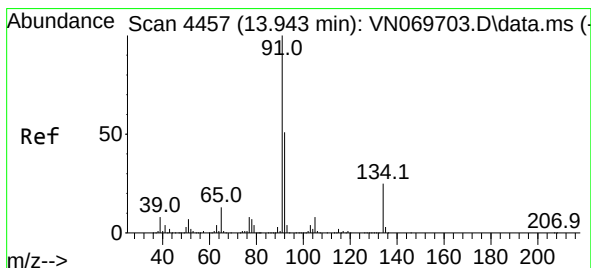
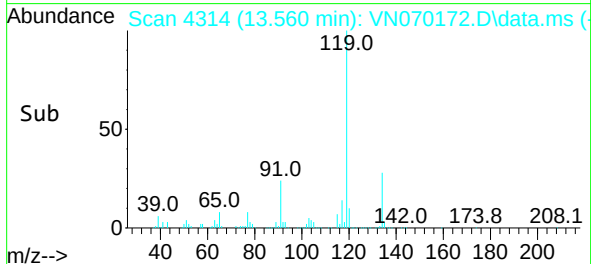
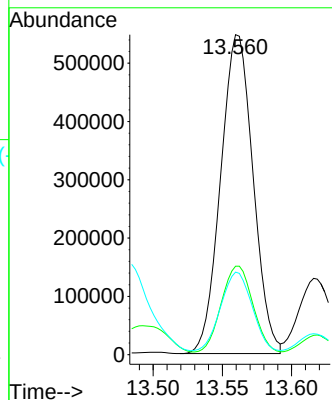
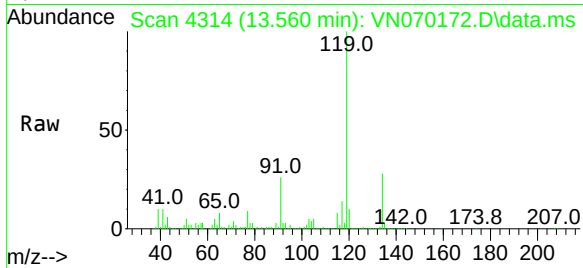




#86
p-Isopropyltoluene
Concen: 17.562 ug/l
RT: 13.560 min Scan# 41
Delta R.T. -0.056 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

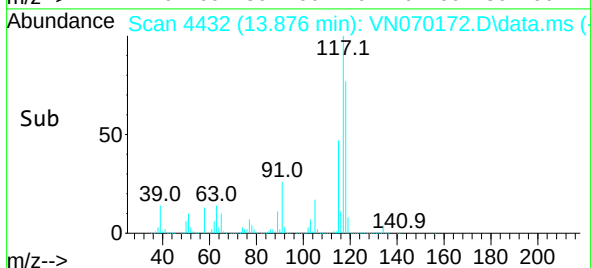
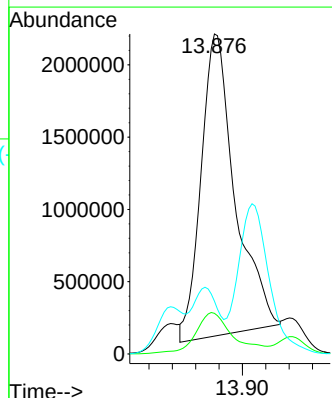
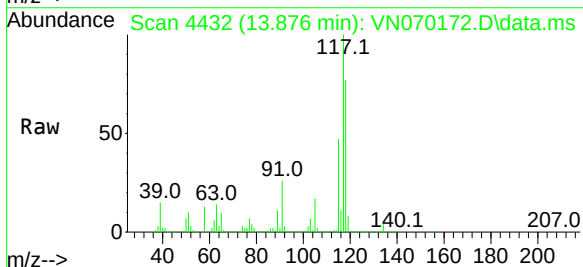
Instrument :
MSVOA_N
ClientSampleId :

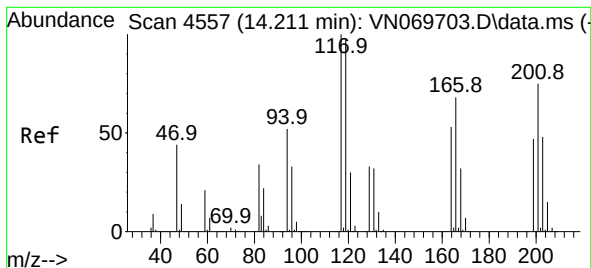
Tgt Ion:119 Resp: 891328
Ion Ratio Lower Upper
119 100
134 27.7 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 102.363 ug/l
RT: 13.876 min Scan# 4432
Delta R.T. -0.067 min
Lab File: VN070172.D
Acq: 17 Dec 2021 18:44

Tgt Ion: 91 Resp: 4214464
Ion Ratio Lower Upper
91 100
92 15.2 25.4 76.0#
134 12.0 13.6 40.8#





#90

Hexachloroethane

Concen: 56.577 ug/l

RT: 14.217 min Scan# 4

Delta R.T. 0.005 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Instrument :

MSVOA_N

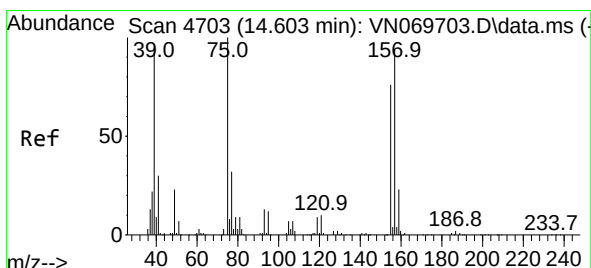
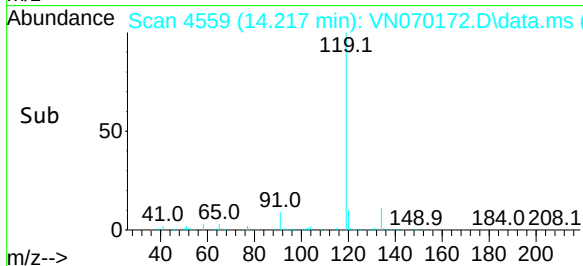
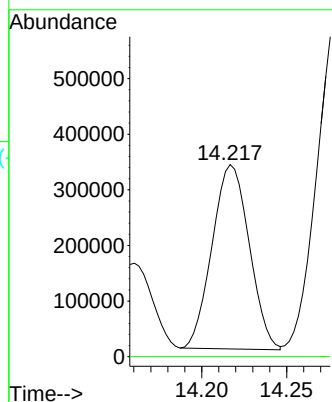
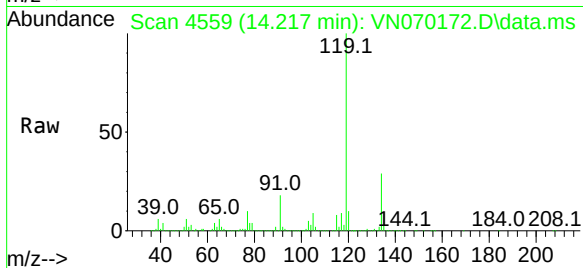
ClientSampleId :

Tgt Ion:117 Resp: 504156

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.262 ug/l

RT: 14.579 min Scan# 4694

Delta R.T. -0.024 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

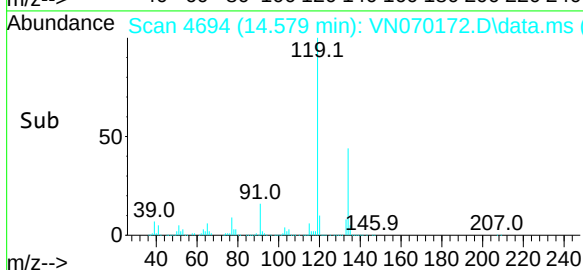
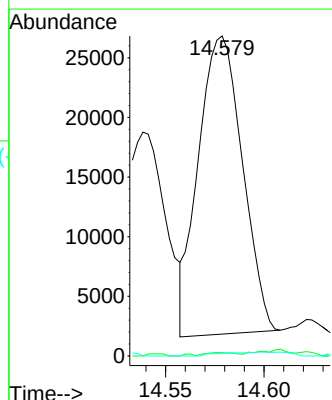
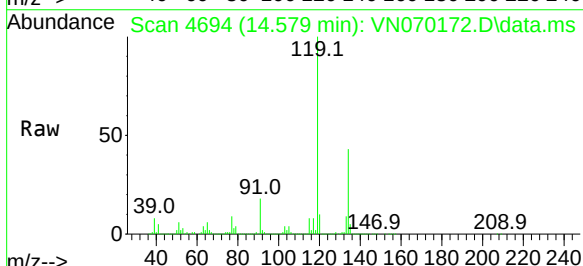
Tgt Ion: 75 Resp: 38875

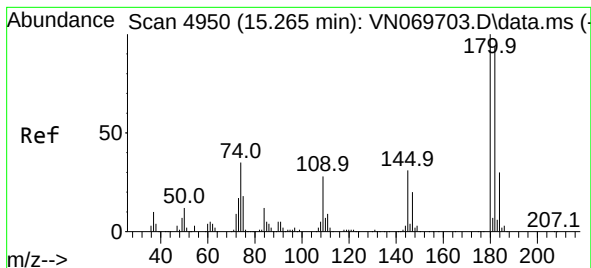
Ion Ratio Lower Upper

75 100

155 0.8 46.9 140.7#

157 0.0 60.6 181.7#





#93

1,2,4-Trichlorobenzene

Concen: 3.035 ug/l

RT: 15.268 min Scan# 4950

Delta R.T. 0.003 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

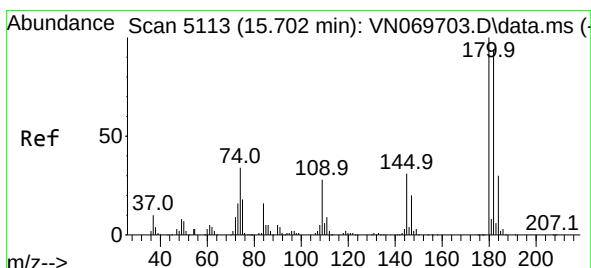
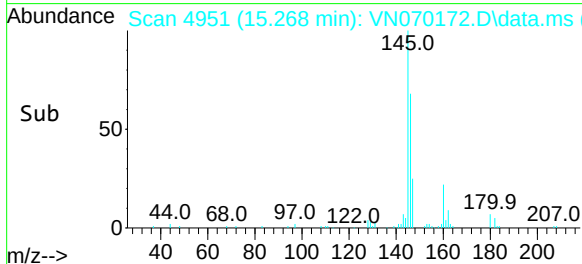
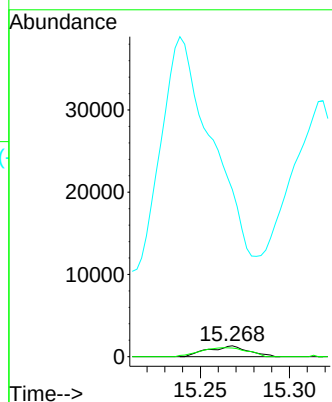
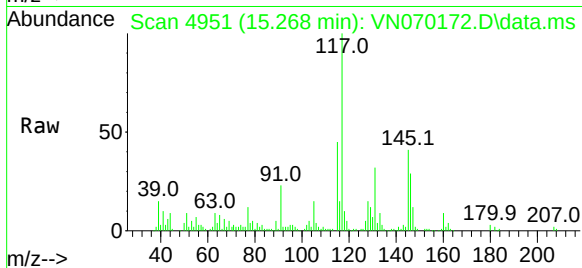
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:180 Resp: 2065

Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.3	144.9
145	0.0	14.5	43.5#



#96

1,2,3-Trichlorobenzene

Concen: 2.573 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. -0.005 min

Lab File: VN070172.D

Acq: 17 Dec 2021 18:44

Tgt Ion:180 Resp: 1745

Ion	Ratio	Lower	Upper
180	100		
182	47.7	47.4	142.2
145	0.0	15.0	45.1#

