

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070165.D
 Acq On : 17 Dec 2021 15:44
 Operator : JC/MD
 Sample : M5039-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:45:49 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	1005399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1674565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1554374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	749597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	711214	45.816	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.640%
35) Dibromofluoromethane	8.021	113	459279	43.786	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.580%
50) Toluene-d8	10.443	98	1885731	44.773	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.540%
62) 4-Bromofluorobenzene	12.731	95	732536	48.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.020%

Target Compounds						Qvalue
11) Tert butyl alcohol	5.382	59	16893	5.757	ug/l #	71
13) Acrolein	4.036	56	1742	0.697	ug/l #	14
14) Allyl chloride	4.932	41	10991	0.509	ug/l #	20
15) Acrylonitrile	5.610	53	50998	6.450	ug/l #	41
16) Acetone	4.245	43	88661	9.495	ug/l #	46
17) Carbon Disulfide	4.524	76	11845	0.479	ug/l	100
18) Methyl Acetate	5.074	43	458140	16.254	ug/l #	51
19) Methyl tert-butyl Ether	5.616	73	19033	0.511	ug/l #	1
22) Diisopropyl ether	6.498	45	30659	0.727	ug/l	88
23) Vinyl Acetate	6.493	43	19606	0.571	ug/l #	72
25) 2-Butanone	7.346	43	55496	4.374	ug/l #	86
26) 2,2-Dichloropropane	7.147	77	19744	1.162	ug/l #	52
30) Chloroform	8.099	83	45128	2.045	ug/l	87
31) Cyclohexane	8.094	56	1073950	49.713	ug/l #	80
36) 1,1-Dichloropropene	8.086	75	84963	5.330	ug/l #	64
37) Ethyl Acetate	7.346	43	55496	2.339	ug/l #	68
38) Carbon Tetrachloride	8.086	117	104438	6.681	ug/l #	16
39) Methylcyclohexane	9.459	83	2288743	120.702	ug/l #	87
40) Benzene	8.461	78	178692	3.667	ug/l	97
41) Methacrylonitrile	7.673	41	21923	1.968	ug/l #	44
43) Isopropyl Acetate	8.558	43	184640	5.259	ug/l #	55
45) 1,2-Dichloropropane	9.462	63	34106	2.607	ug/l #	1
47) Bromodichloromethane	9.749	83	59273	3.648	ug/l #	25
48) Methyl methacrylate	9.641	41	340849	20.802	ug/l #	66
51) 4-Methyl-2-Pentanone	10.441	43	46349	2.035	ug/l	94
52) Toluene	10.505	92	52788	1.774	ug/l	98
53) t-1,3-Dichloropropene	10.714	75	569	2.822	ug/l #	43
54) cis-1,3-Dichloropropene	10.188	75	862	2.039	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	262959	21.908	ug/l #	20
56) Ethyl methacrylate	10.781	69	40993	4.007	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.971	63	51905	26.252	ug/l #	45
59) 2-Hexanone	11.087	43	50665	2.940	ug/l #	58
60) Dibromochloromethane	10.977	129	522	2.415	ug/l #	11
61) 1,2-Dibromoethane	11.315	107	3629	0.292	ug/l #	1
67) Ethyl Benzene	11.846	91	2655544	46.361	ug/l	97
68) m/p-Xylenes	11.959	106	901052	43.203	ug/l	92

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

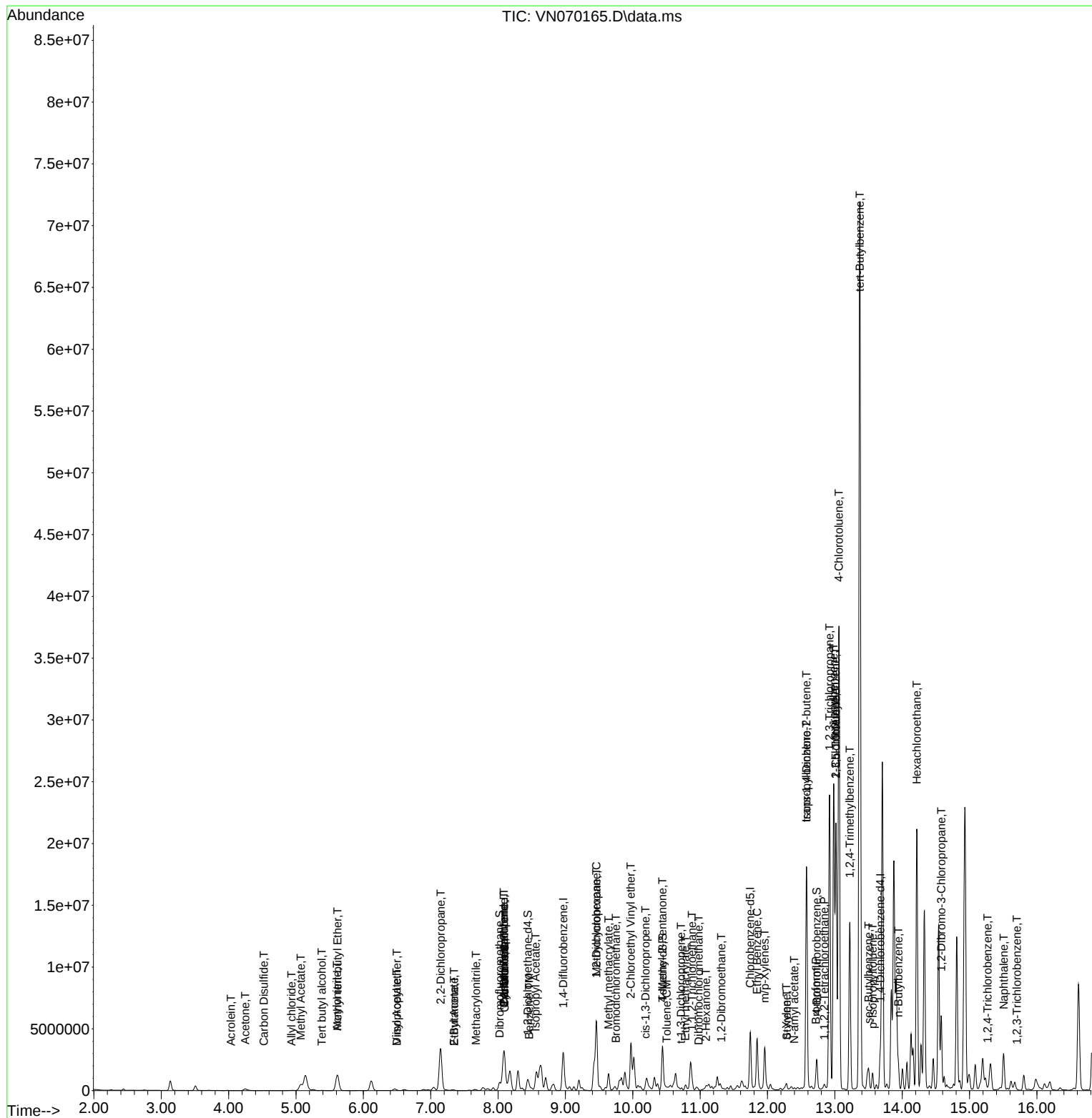
69) o-Xylene	12.280	106	114441	5.448	ug/l	90
70) Styrene	12.286	104	8451	0.254	ug/l #	1
71) Bromoform	12.720	173	789	2.809	ug/l #	29
73) Isopropylbenzene	12.578	105	11818351	177.205	ug/l	99
74) N-amyl acetate	12.398	43	21628	0.733	ug/l #	12
75) 1,1,2,2-Tetrachloroethane	12.844	83	42111	1.826	ug/l #	51
76) 1,2,3-Trichloropropane	12.921	75	131609	6.122	ug/l #	1
78) n-propylbenzene	12.983	91	1774545	23.911	ug/l #	1
79) 2-Chlorotoluene	13.015	91	1200385	25.598	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.015	105	6450426	120.164	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.578	75	160074	26.453	ug/l #	73
82) 4-Chlorotoluene	13.061	91	2422291	54.926	ug/l #	38
83) tert-Butylbenzene	13.369	119	5820562	122.455	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.222	105	8591096	168.049	ug/l	76
85) sec-Butylbenzene	13.501	105	1017458	15.781	ug/l #	69
86) p-Isopropyltoluene	13.560	119	712919	14.146	ug/l	97
89) n-Butylbenzene	13.943	91	1059695	25.922	ug/l #	76
90) Hexachloroethane	14.217	117	1056440	119.399	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	22648	5.435	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	8117	3.500	ug/l #	84
95) Naphthalene	15.507	128	2627797	70.001	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	9268	3.171	ug/l #	80

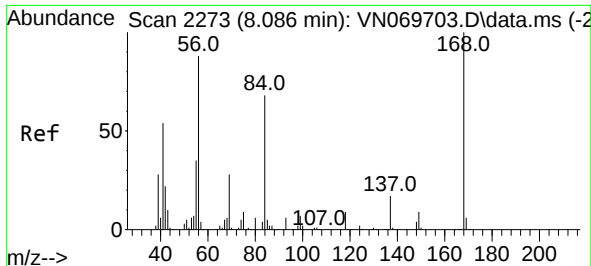
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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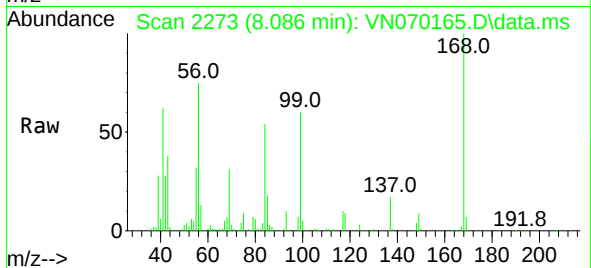
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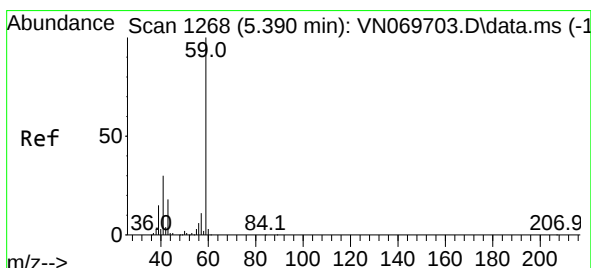
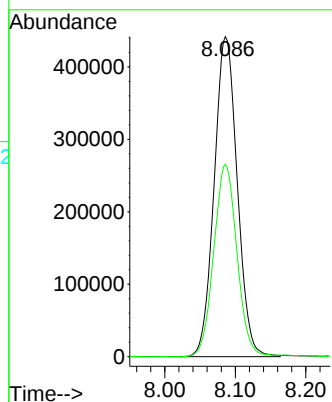
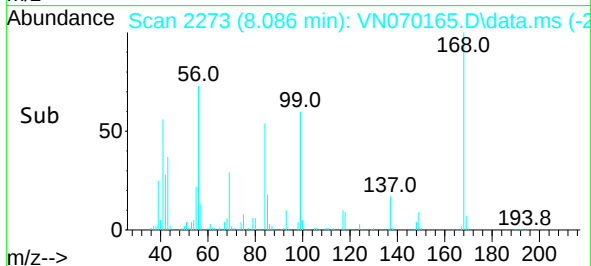


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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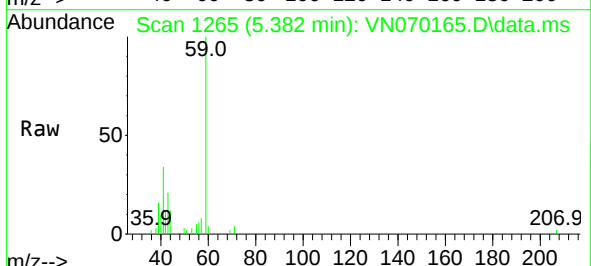
Instrument :
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ClientSampleId :



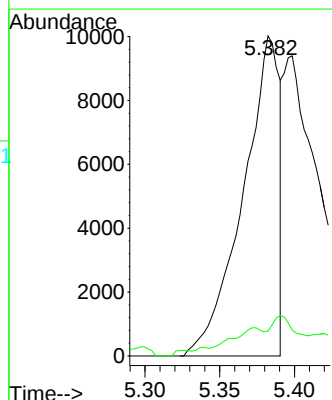
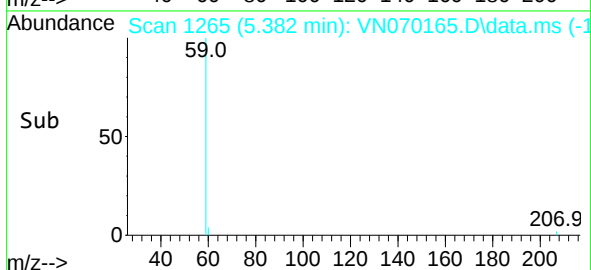
Tgt Ion:168 Resp: 1005399
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

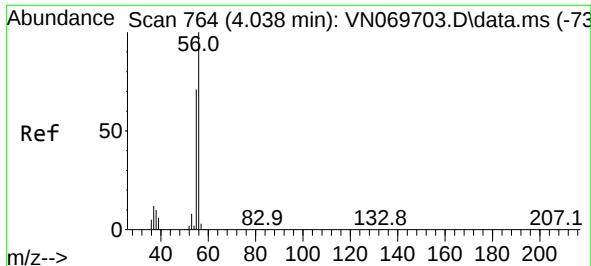


#11
Tert butyl alcohol
Concen: 5.757 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



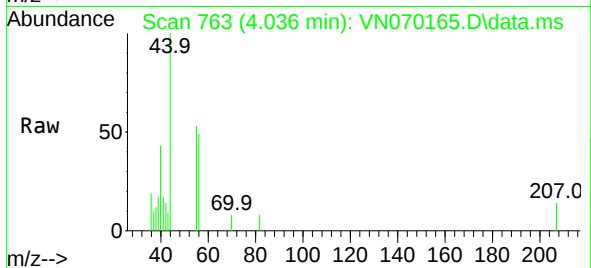
Tgt Ion: 59 Resp: 16893
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



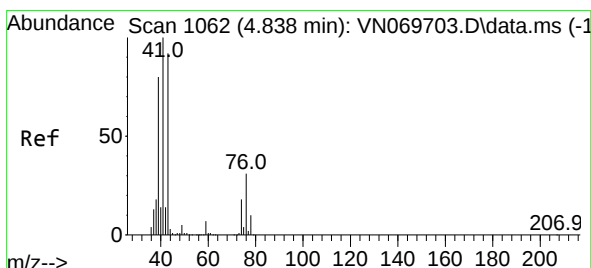
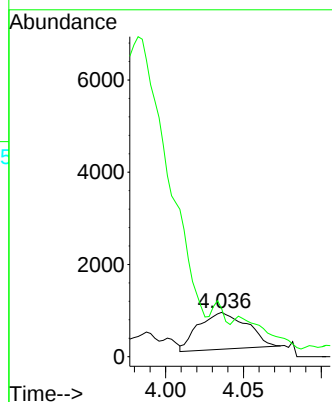
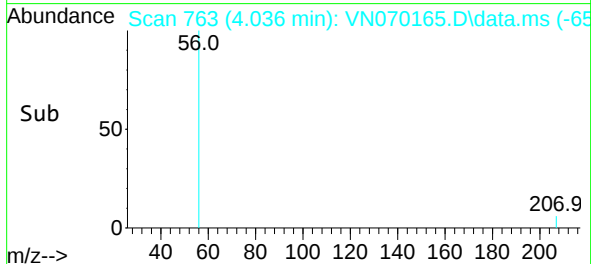


#13
Acrolein
Concen: 0.697 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

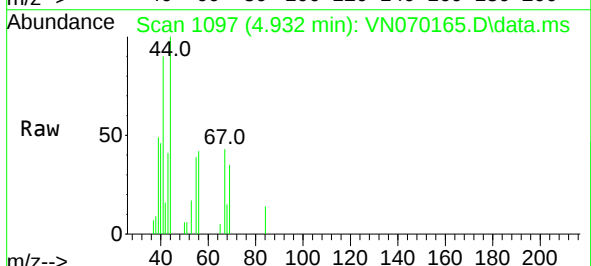
Instrument :
MSVOA_N
ClientSampleId :



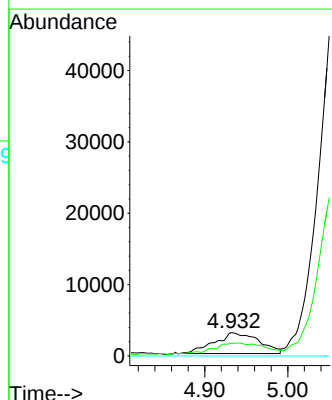
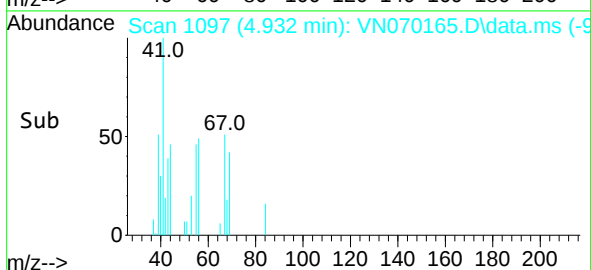
Tgt Ion: 56 Resp: 1742
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

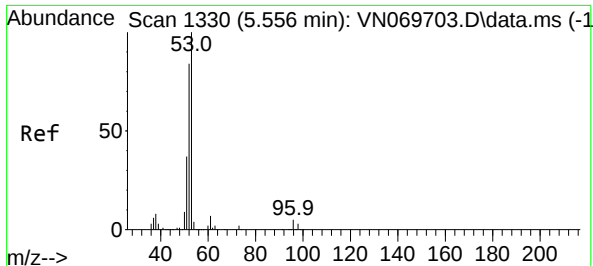


#14
Allyl chloride
Concen: 0.509 ug/l
RT: 4.932 min Scan# 1097
Delta R.T. 0.094 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



Tgt Ion: 41 Resp: 10991
Ion Ratio Lower Upper
41 100
39 0.0 61.2 91.8#
76 0.0 26.0 39.0#

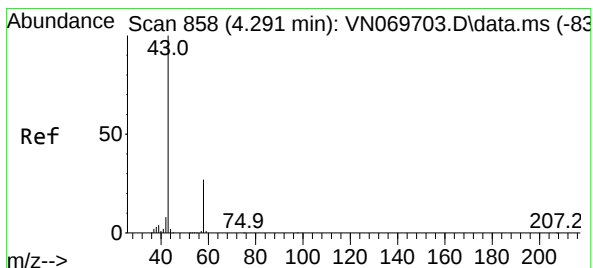
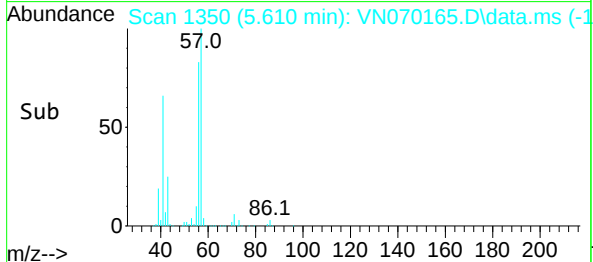
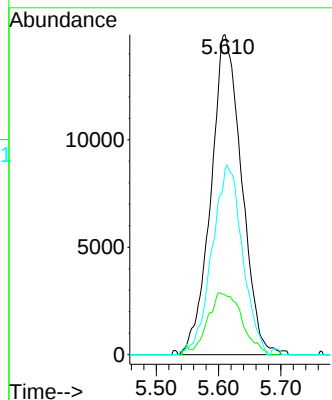
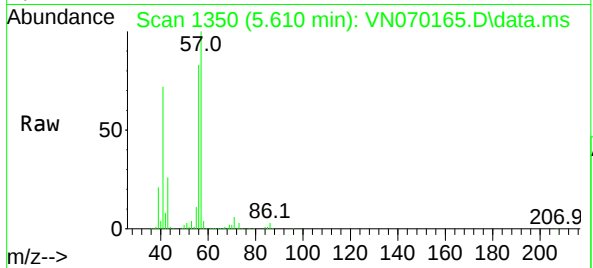




#15
Acrylonitrile
Concen: 6.450 ug/l
RT: 5.610 min Scan# 11
Delta R.T. 0.054 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

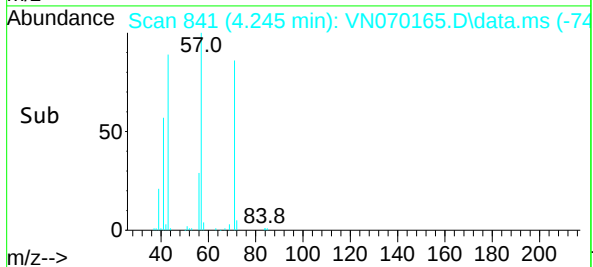
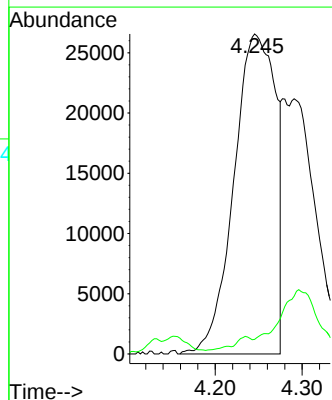
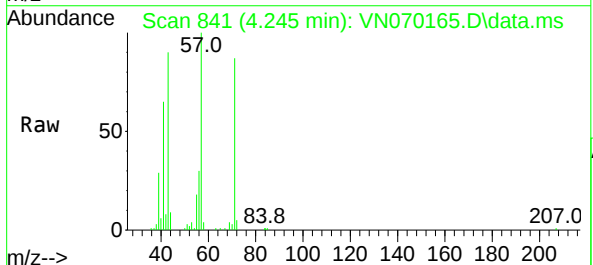
Instrument :
MSVOA_N
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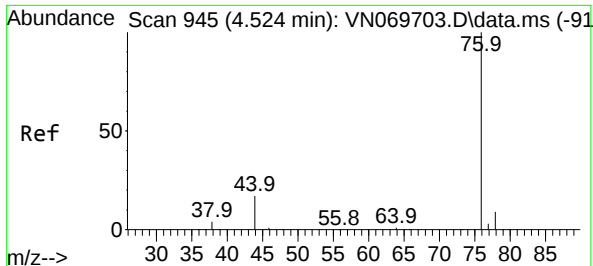
Tgt Ion: 53 Resp: 50998
Ion Ratio Lower Upper
53 100
52 21.3 66.2 99.2#
51 58.7 29.6 44.4#



#16
Acetone
Concen: 9.495 ug/l
RT: 4.245 min Scan# 841
Delta R.T. -0.045 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

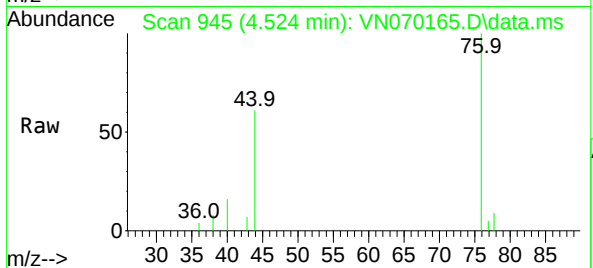
Tgt Ion: 43 Resp: 88661
Ion Ratio Lower Upper
43 100
58 0.0 23.1 34.7#



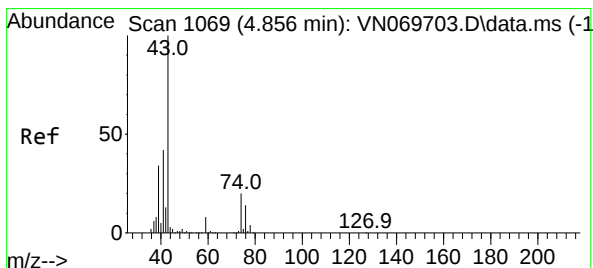
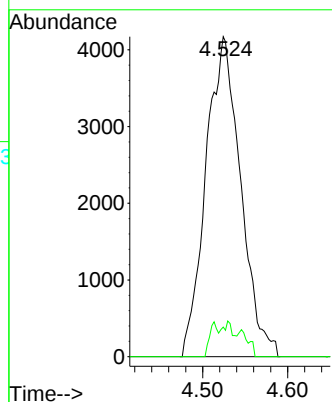
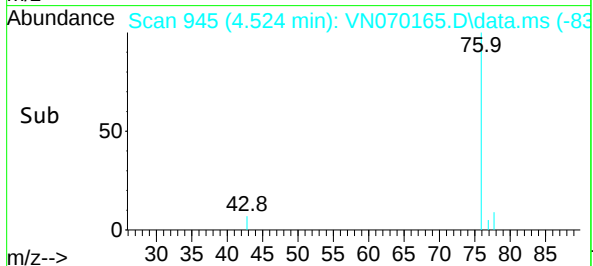


#17
Carbon Disulfide
Concen: 0.479 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

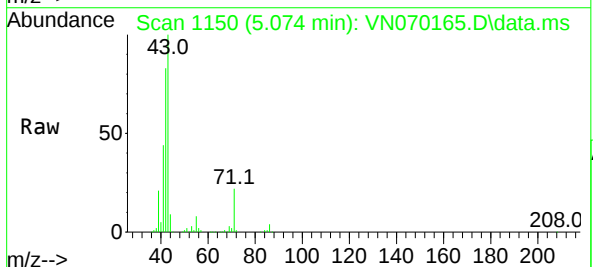
Instrument :
MSVOA_N
ClientSampleId :



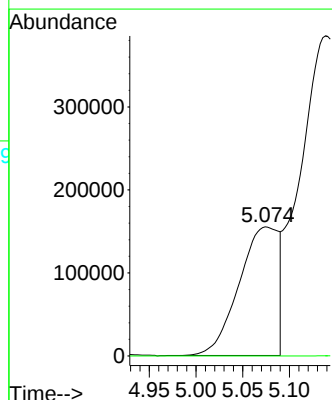
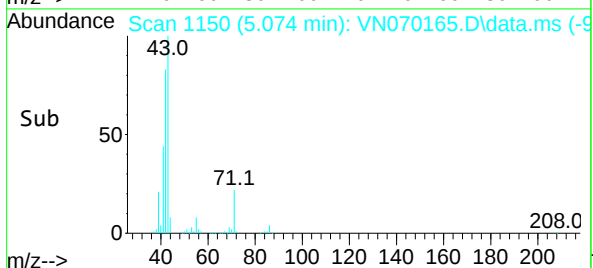
Tgt Ion: 76 Resp: 11845
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

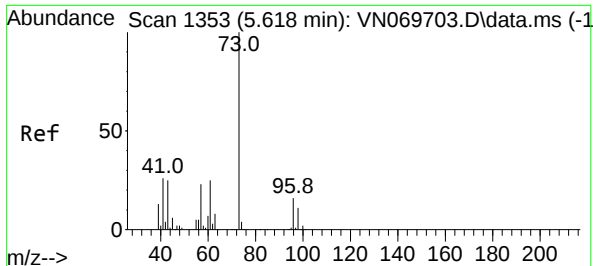


#18
Methyl Acetate
Concen: 16.254 ug/l
RT: 5.074 min Scan# 1150
Delta R.T. 0.217 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44



Tgt Ion: 43 Resp: 458140
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 0.511 ug/l

RT: 5.616 min Scan# 1

Delta R.T. -0.002 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Instrument :

MSVOA_N

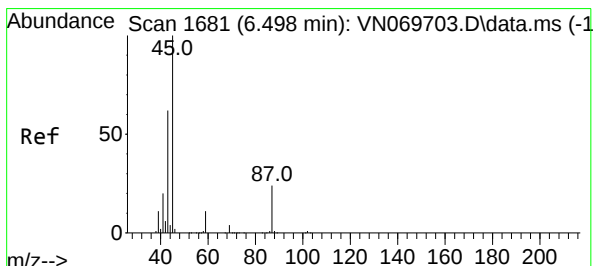
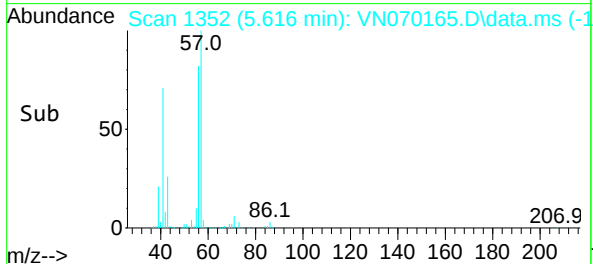
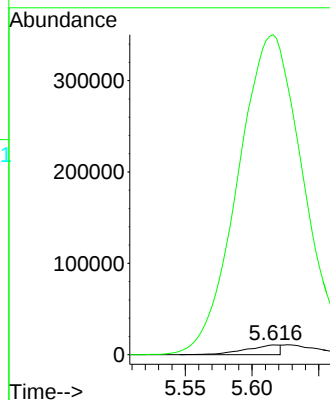
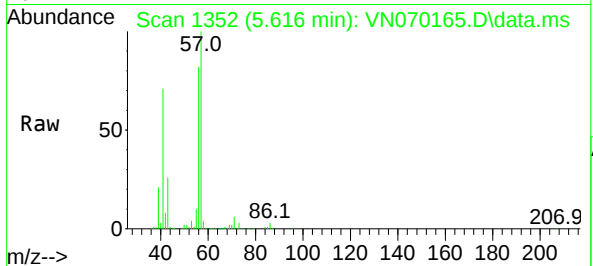
ClientSampleId :

Tgt Ion: 73 Resp: 19033

Ion Ratio Lower Upper

73 100

57 3234.5 16.8 25.2#



#22

Diisopropyl ether

Concen: 0.727 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Tgt Ion: 45 Resp: 30659

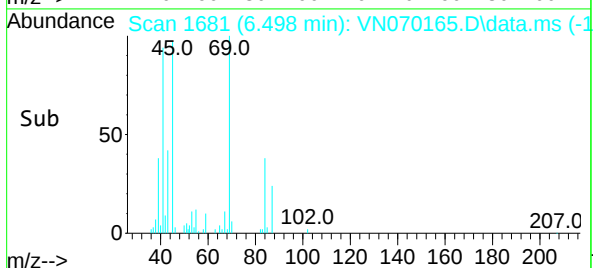
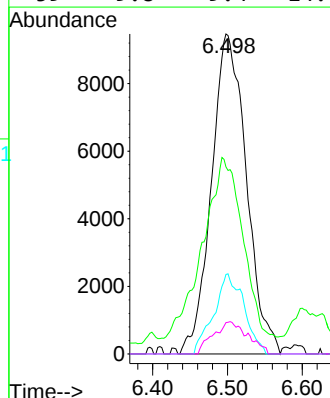
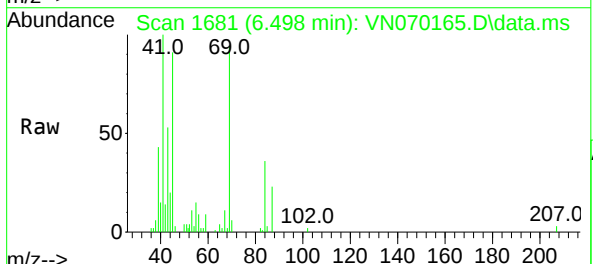
Ion Ratio Lower Upper

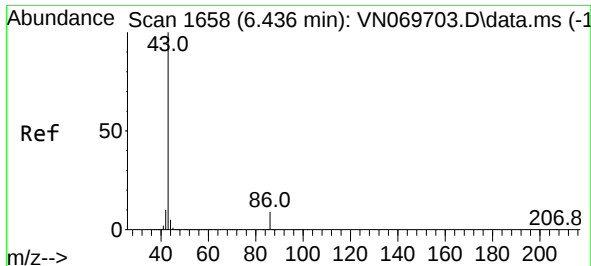
45 100

43 53.0 51.7 77.5

87 24.9 23.2 34.8

59 9.8 9.4 14.0

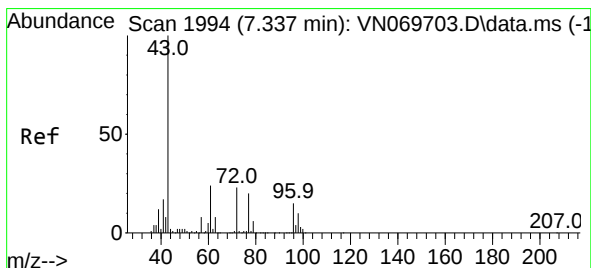
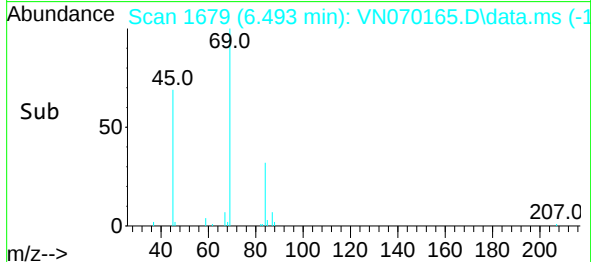
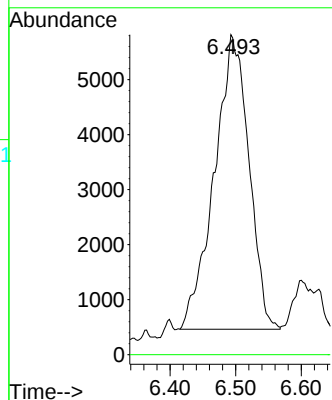
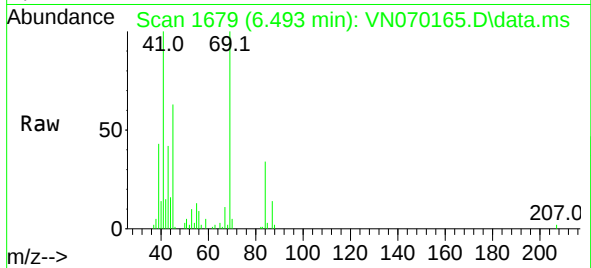




#23
 Vinyl Acetate
 Concen: 0.571 ug/l
 RT: 6.493 min Scan# 1
 Delta R.T. 0.057 min
 Lab File: VN070165.D
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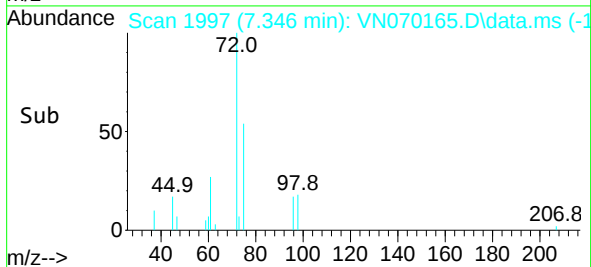
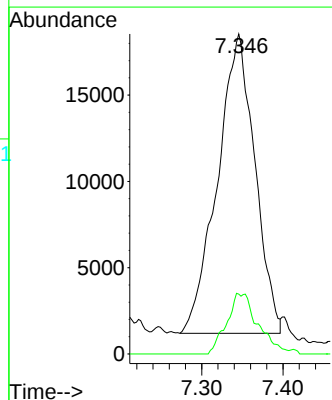
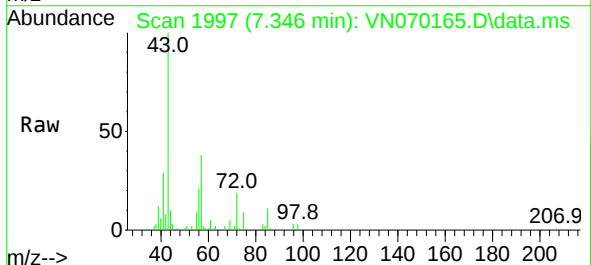
Instrument :
 MSVOA_N
 ClientSampleId :

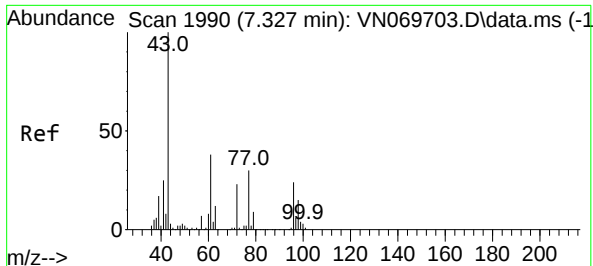
Tgt Ion: 43 Resp: 19606
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 4.374 ug/l
 RT: 7.346 min Scan# 1997
 Delta R.T. 0.008 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

Tgt Ion: 43 Resp: 55496
 Ion Ratio Lower Upper
 43 100
 72 20.0 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 1.162 ug/l

RT: 7.147 min Scan# 19

Delta R.T. -0.179 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Instrument :

MSVOA_N

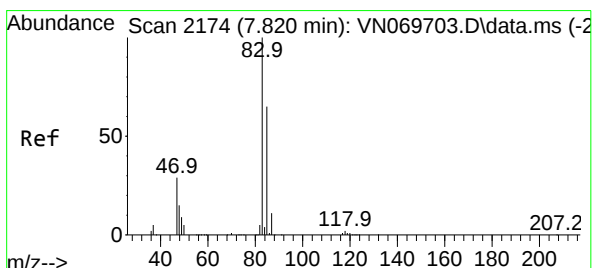
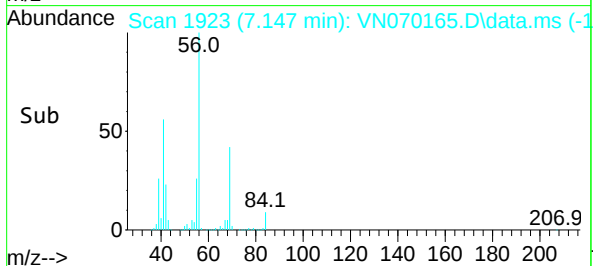
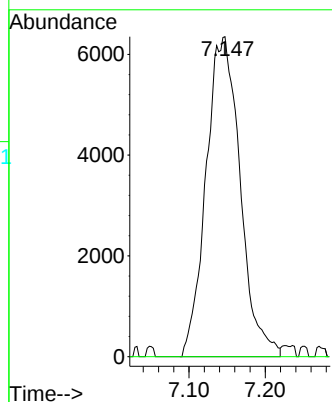
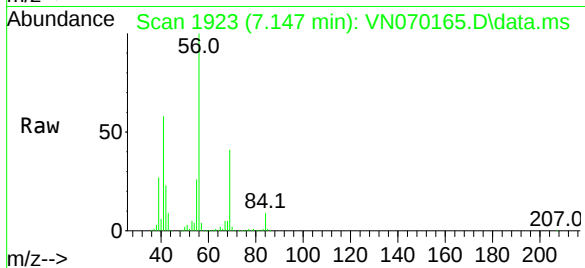
ClientSampleId :

Tgt Ion: 77 Resp: 19744

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#30

Chloroform

Concen: 2.045 ug/l

RT: 8.099 min Scan# 2278

Delta R.T. 0.279 min

Lab File: VN070165.D

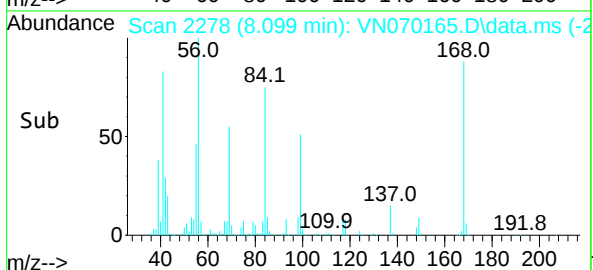
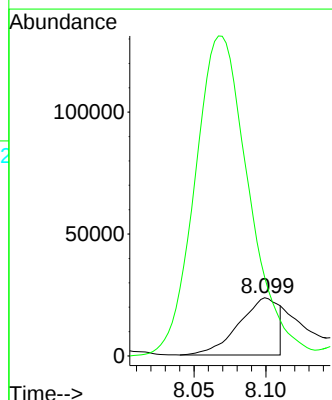
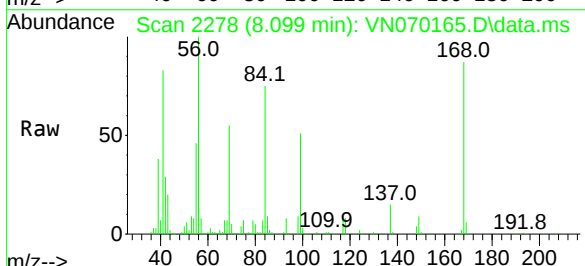
Acq: 17 Dec 2021 15:44

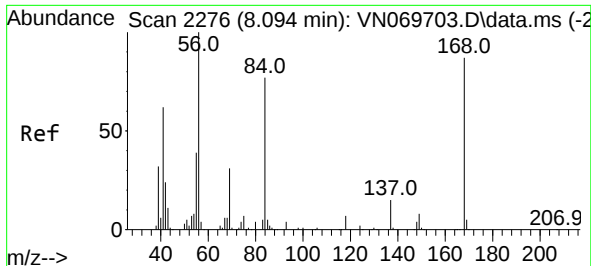
Tgt Ion: 83 Resp: 45128

Ion Ratio Lower Upper

83 100

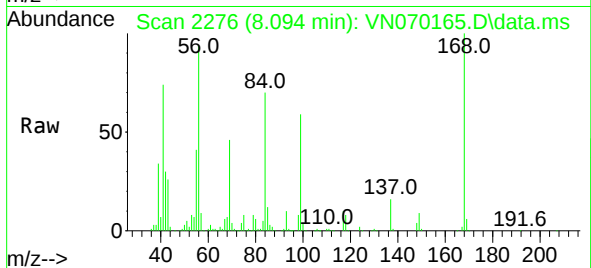
85 75.4 51.9 77.9



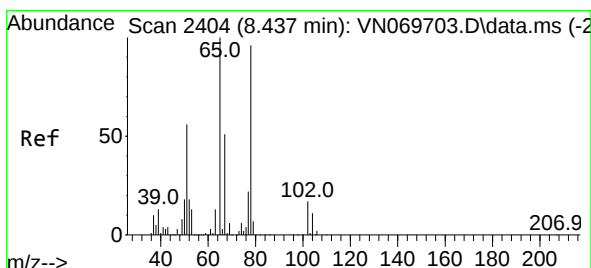
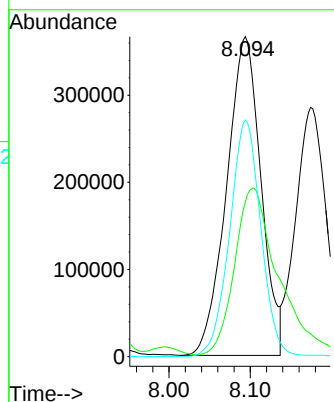
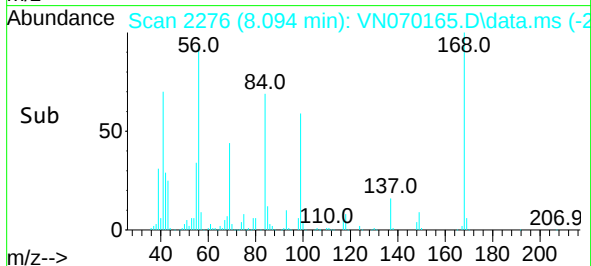


#31
Cyclohexane
Concen: 49.713 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Instrument :
MSVOA_N
ClientSampleId :

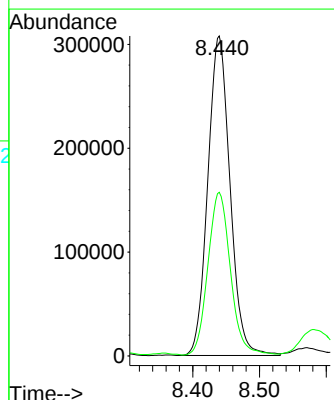
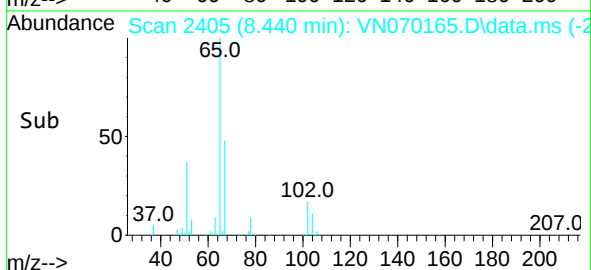
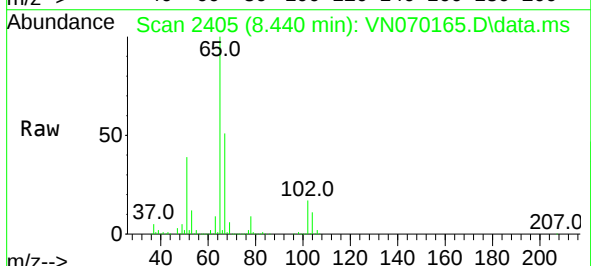


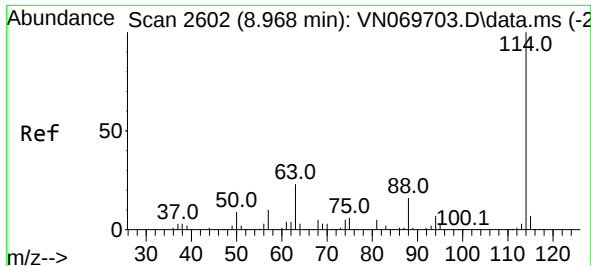
Tgt Ion: 56 Resp: 1073950
Ion Ratio Lower Upper
56 100
69 46.9 27.1 40.7#
84 74.1 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 45.816 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 65 Resp: 711214
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Instrument :

MSVOA_N

ClientSampleId :

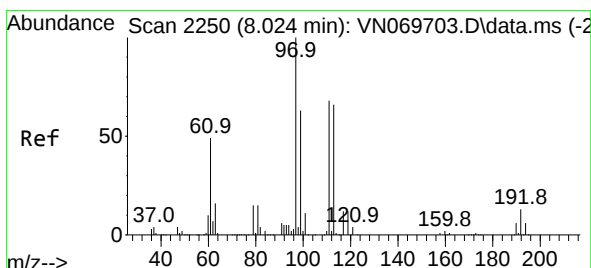
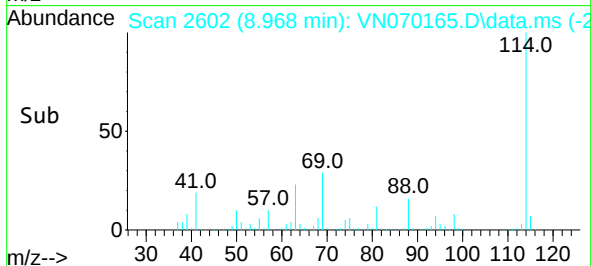
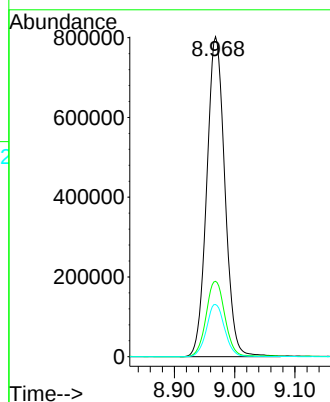
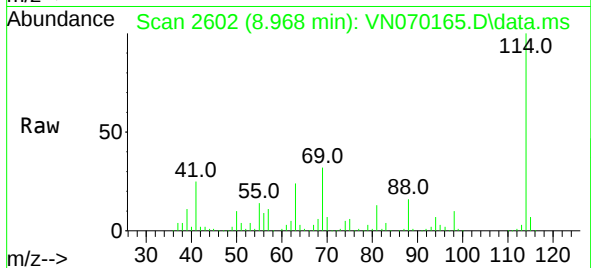
Tgt Ion:114 Resp: 1674565

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 43.786 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.002 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

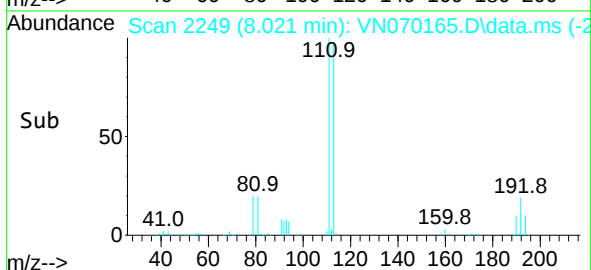
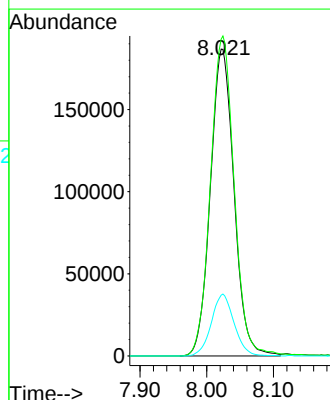
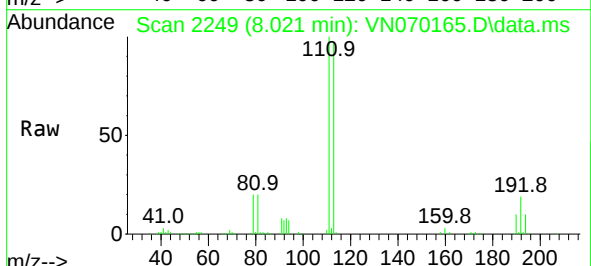
Tgt Ion:113 Resp: 459279

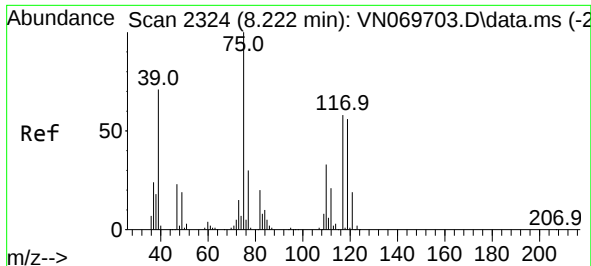
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

192 19.4 16.9 25.3

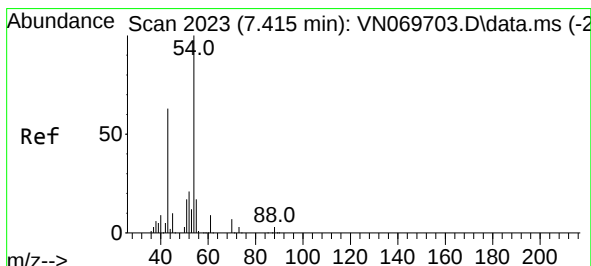
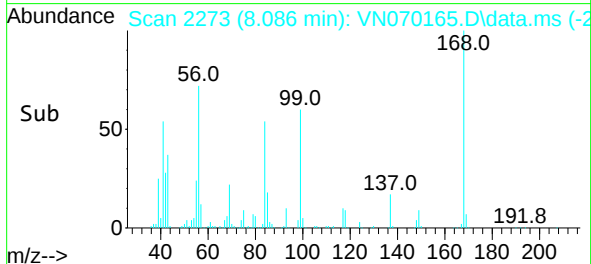
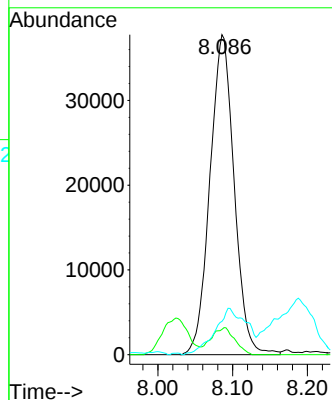
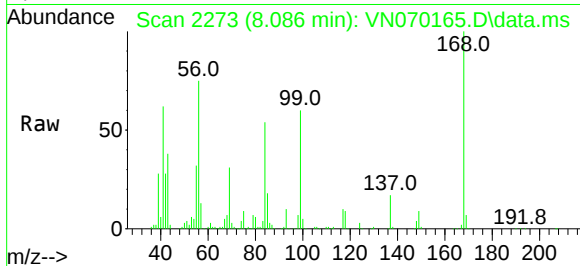




#36
1,1-Dichloropropene
Concen: 5.330 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

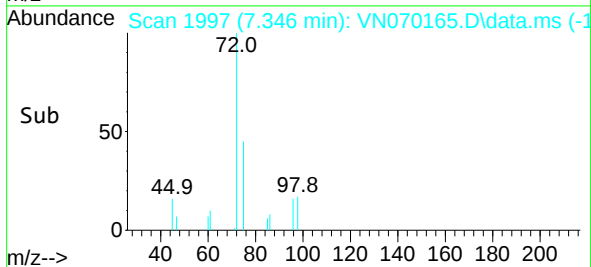
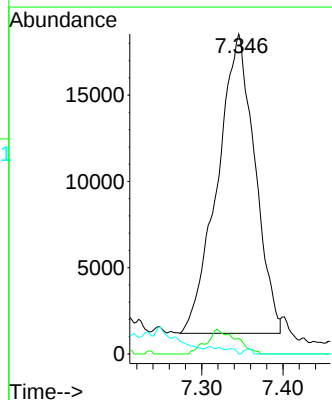
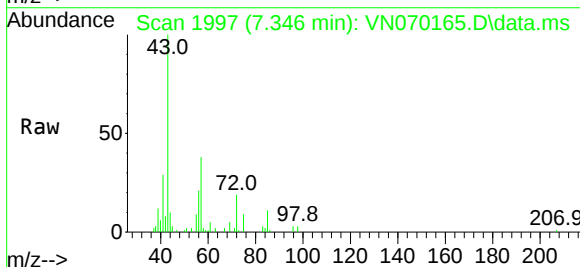
Instrument :
MSVOA_N
ClientSampleId :

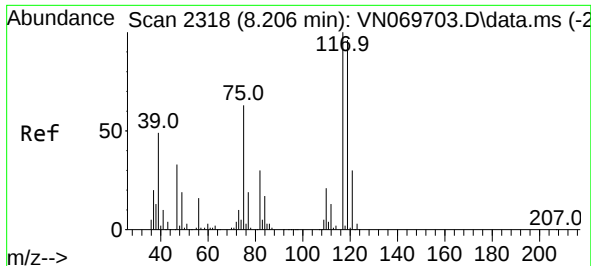
Tgt Ion: 75 Resp: 84963
Ion Ratio Lower Upper
75 100
110 8.2 18.4 55.2#
77 18.9 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.339 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. -0.069 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

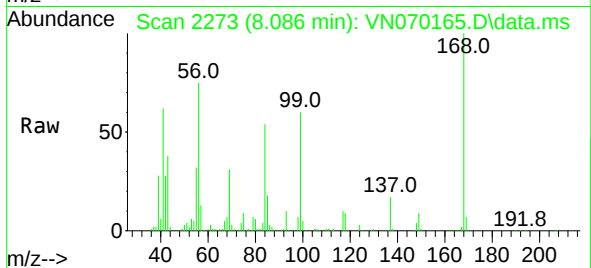
Tgt Ion: 43 Resp: 55496
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



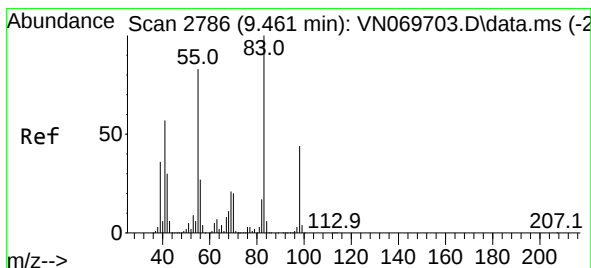
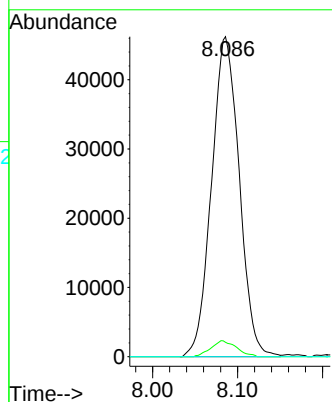
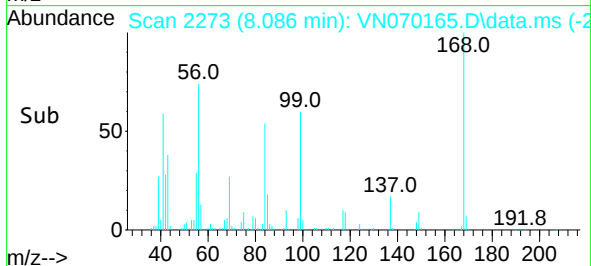


#38
Carbon Tetrachloride
Concen: 6.681 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Instrument :
MSVOA_N
ClientSampleId :

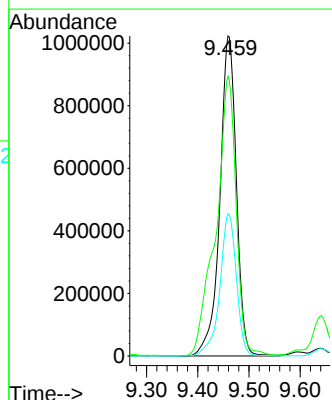
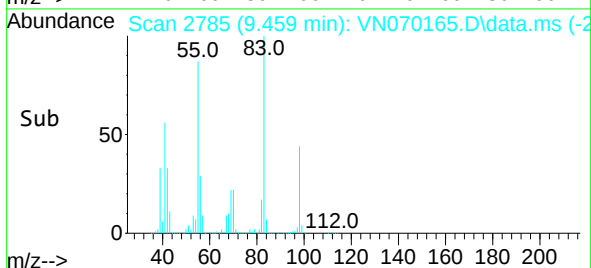
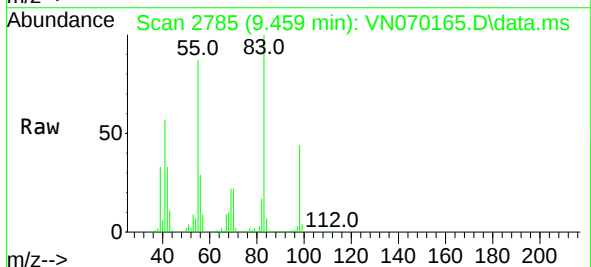


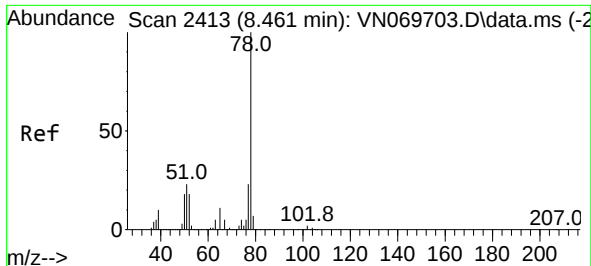
Tgt Ion:117 Resp: 104438
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 120.702 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 83 Resp: 2288743
Ion Ratio Lower Upper
83 100
55 87.3 58.1 87.1#
98 44.5 38.4 57.6

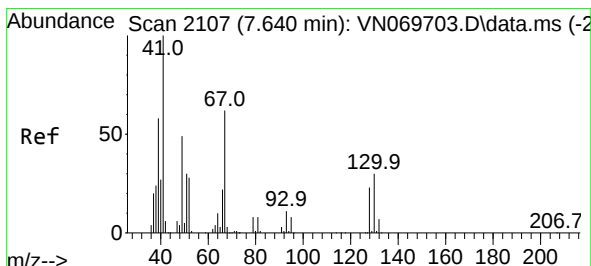
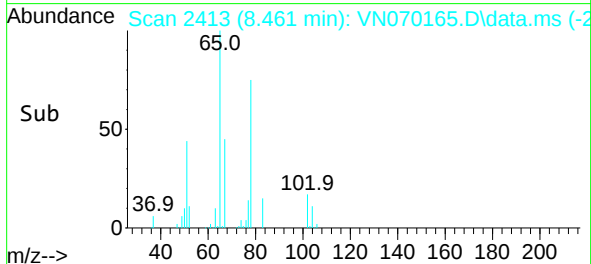
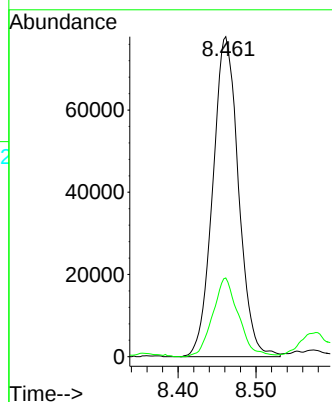
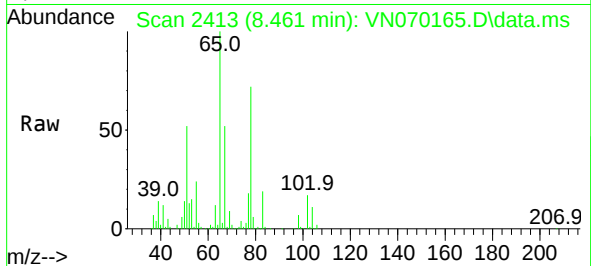




#40
Benzene
Concen: 3.667 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

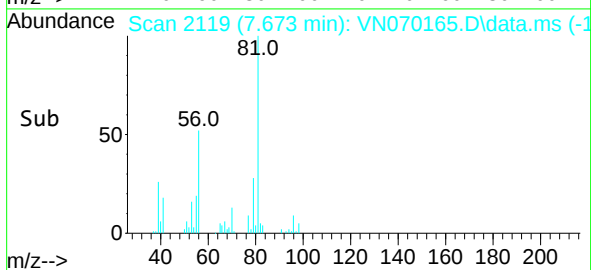
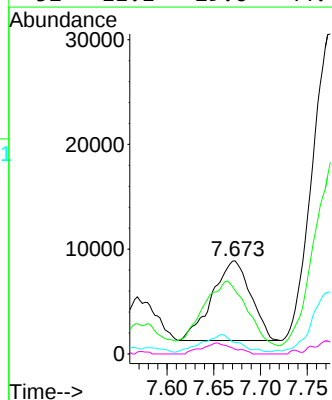
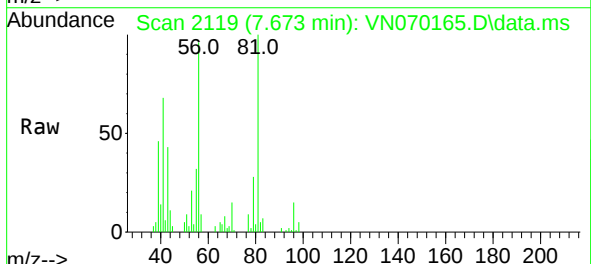
Instrument :
MSVOA_N
ClientSampleId :

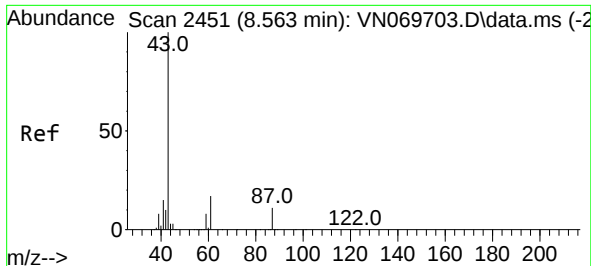
Tgt Ion: 78 Resp: 178692
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8



#41
Methacrylonitrile
Concen: 1.968 ug/l
RT: 7.673 min Scan# 2119
Delta R.T. 0.033 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

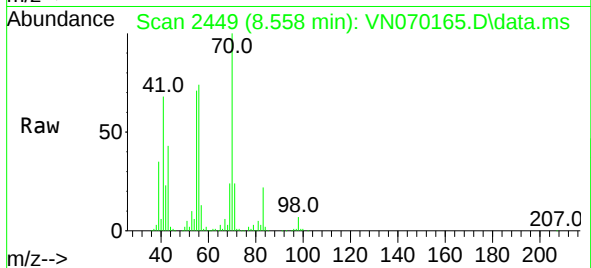
Tgt Ion: 41 Resp: 21923
Ion Ratio Lower Upper
41 100
39 89.7 48.1 72.1#
67 19.2 68.3 102.5#
52 11.1 29.6 44.4#



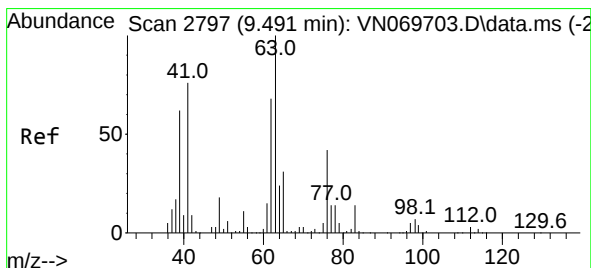
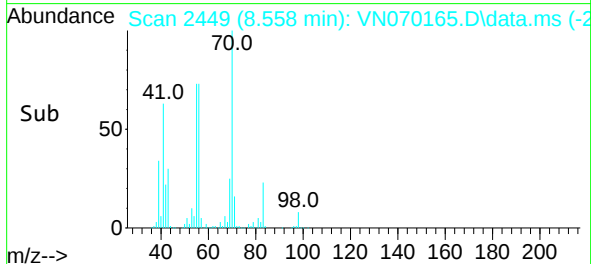
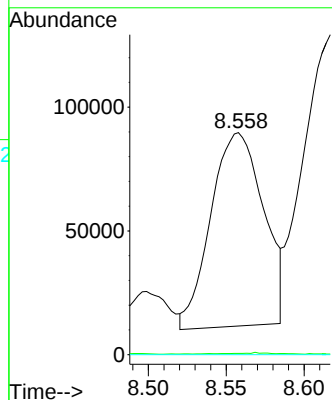


#43
Isopropyl Acetate
Concen: 5.259 ug/l
RT: 8.558 min Scan# 2451
Delta R.T. -0.005 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Instrument :
MSVOA_N
ClientSampleId :

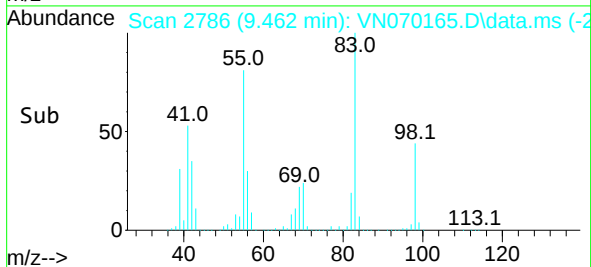
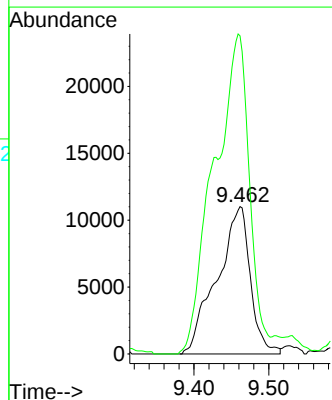
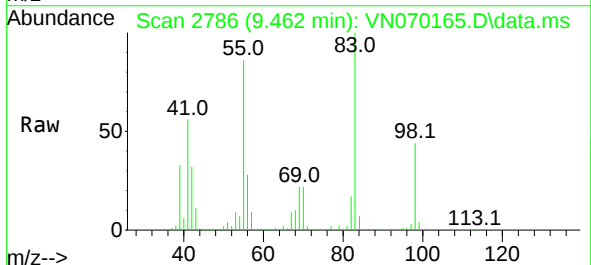


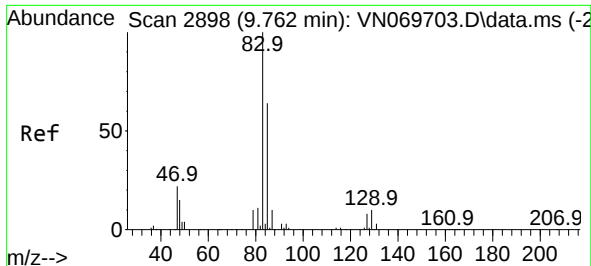
Tgt Ion: 43 Resp: 184640
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 2.607 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.029 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 63 Resp: 34106
Ion Ratio Lower Upper
63 100
65 214.3 24.7 37.1#

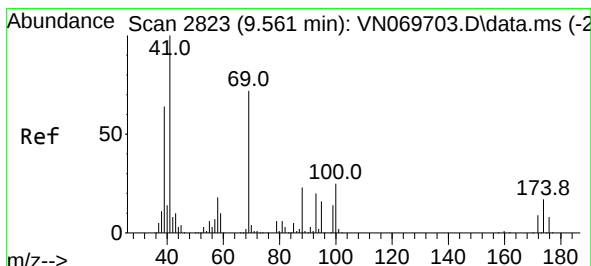
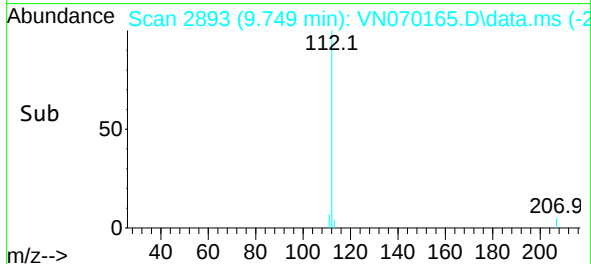
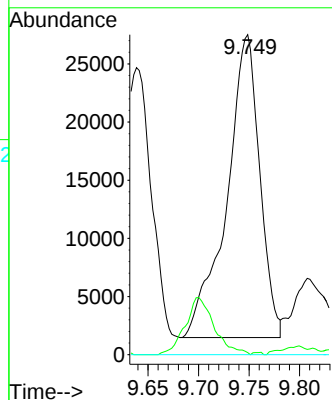
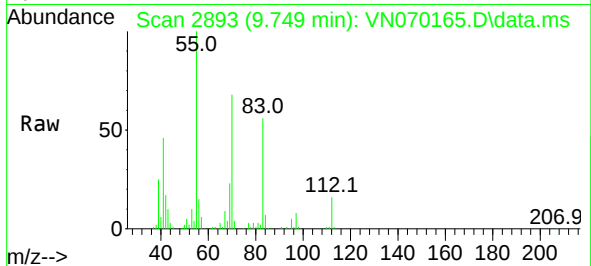




#47
Bromodichloromethane
Concen: 3.648 ug/l
RT: 9.749 min Scan# 21
Delta R.T. -0.013 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

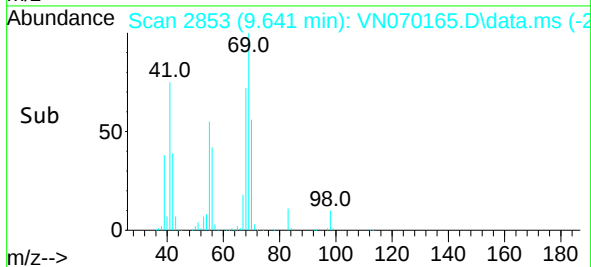
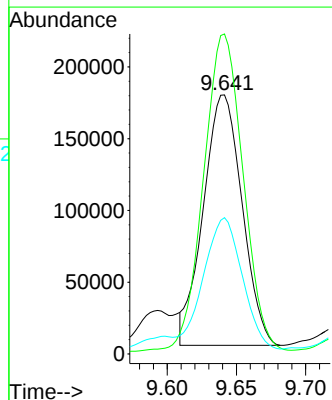
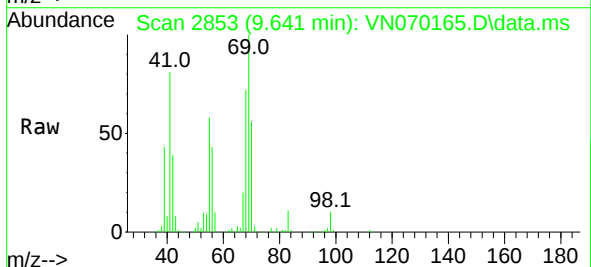
Instrument :
MSVOA_N
ClientSampleId :

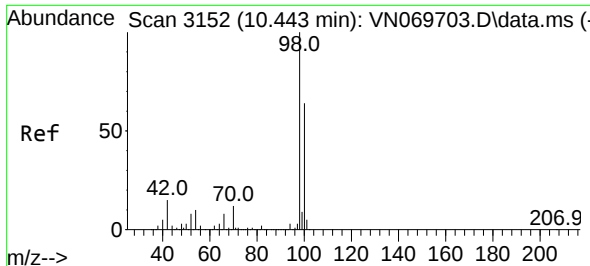
Tgt Ion: 83 Resp: 59273
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 20.802 ug/l
RT: 9.641 min Scan# 2853
Delta R.T. 0.080 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 41 Resp: 340849
Ion Ratio Lower Upper
41 100
69 129.3 72.4 108.6#
39 52.3 58.4 87.6#

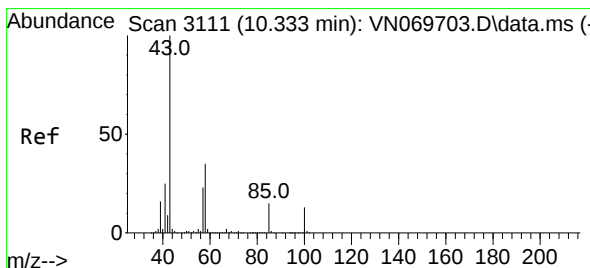
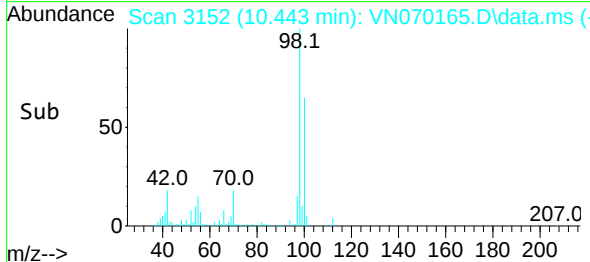
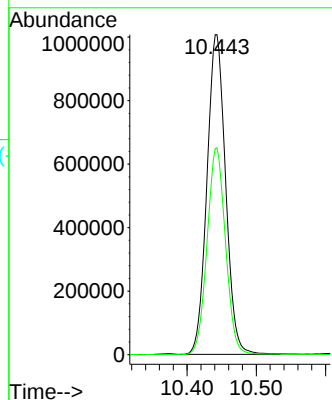
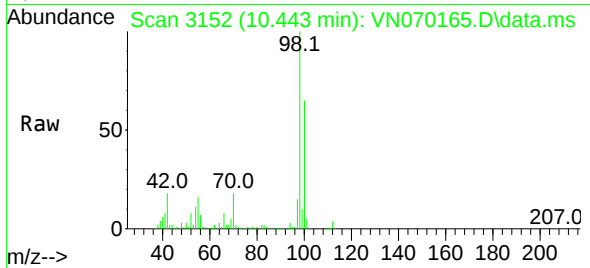




#50
Toluene-d8
Concen: 44.773 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

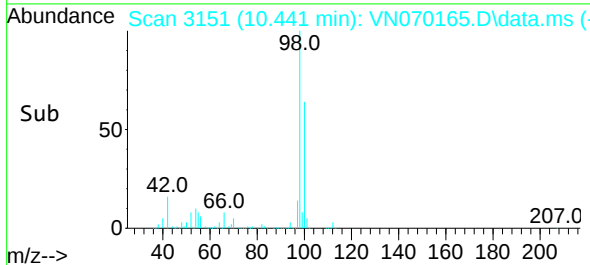
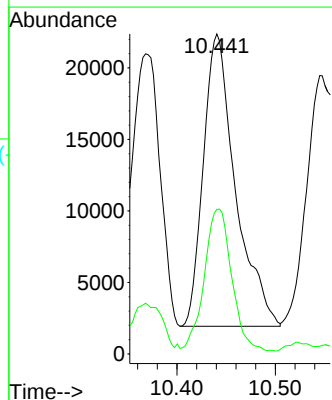
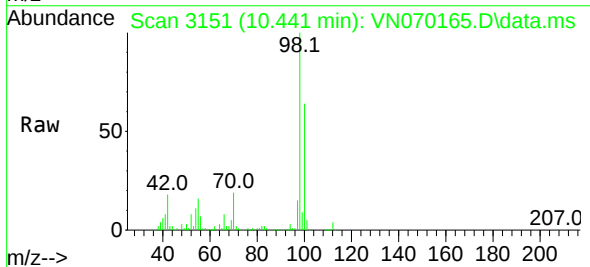
Instrument :
MSVOA_N
ClientSampleId :

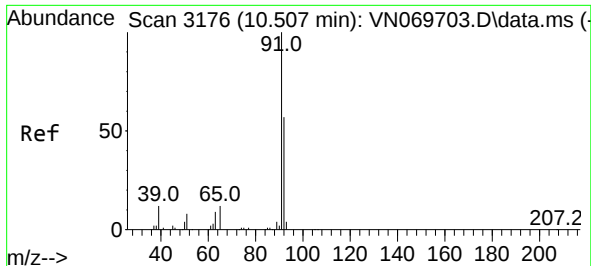
Tgt Ion: 98 Resp: 1885731
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 2.035 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.108 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 43 Resp: 46349
Ion Ratio Lower Upper
43 100
58 41.5 30.4 45.6

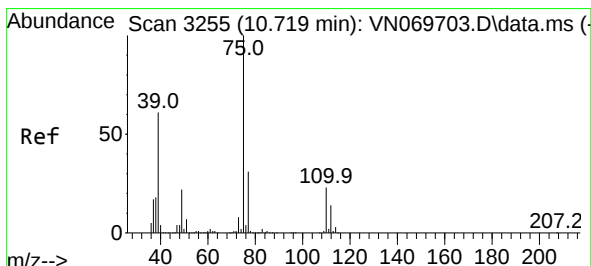
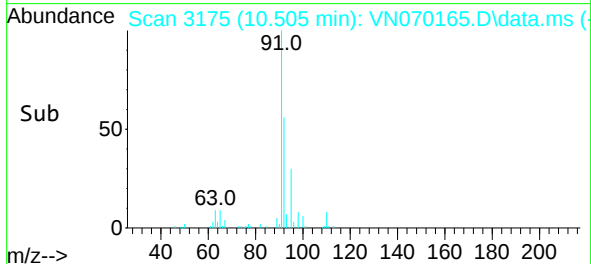
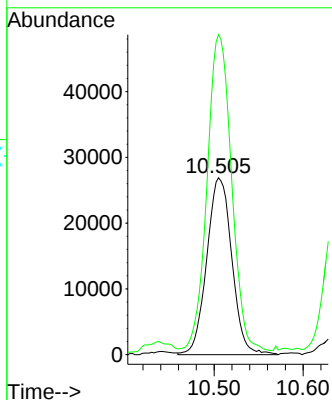
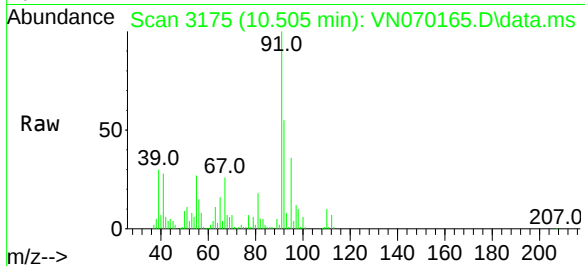




#52
Toluene
Concen: 1.774 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

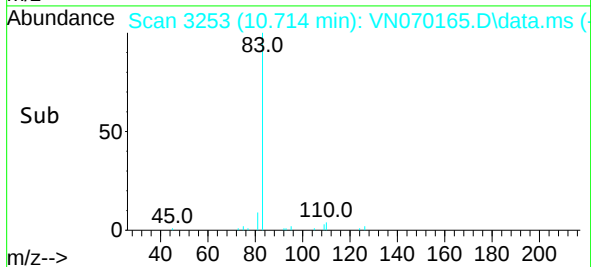
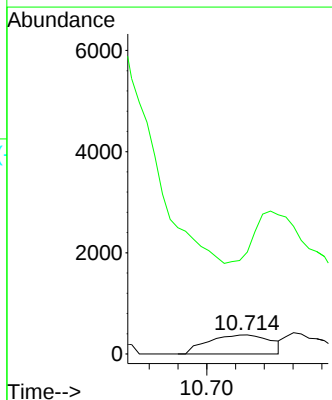
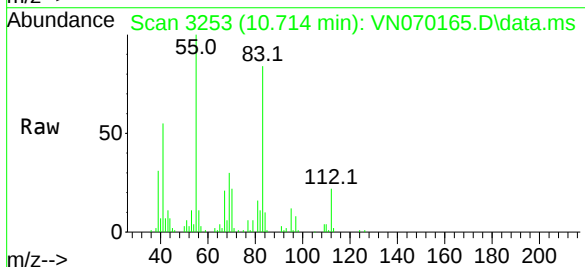
Instrument :
MSVOA_N
ClientSampleId :

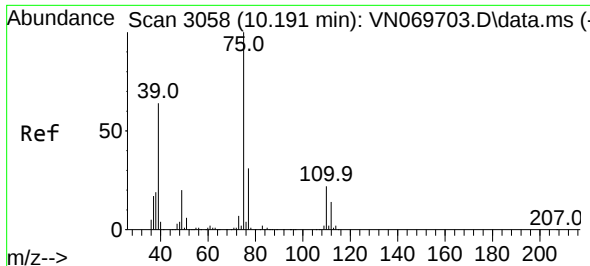
Tgt Ion: 92 Resp: 52788
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.822 ug/l
RT: 10.714 min Scan# 3253
Delta R.T. -0.005 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

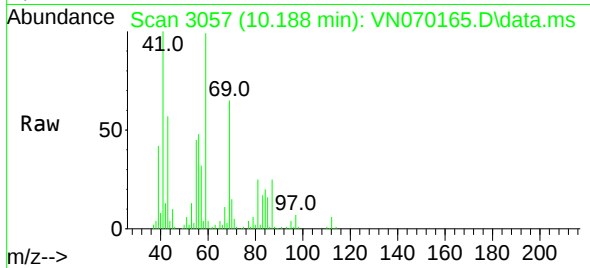
Tgt Ion: 75 Resp: 569
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



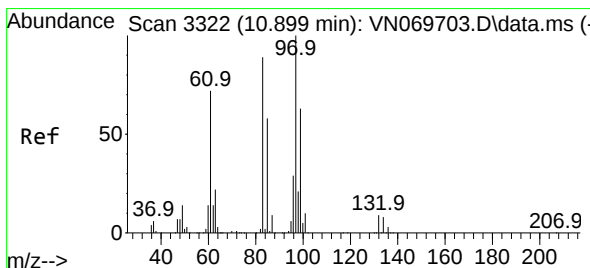
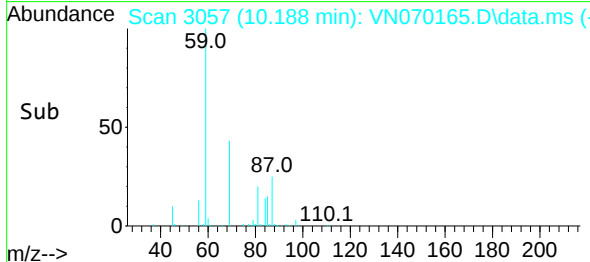
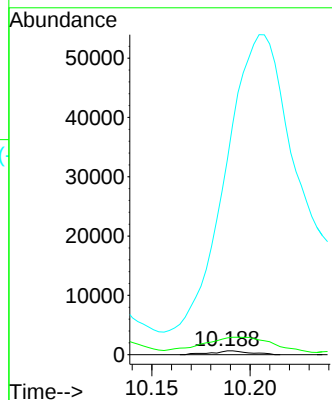


#54
 cis-1,3-Dichloropropene
 Concen: 2.039 ug/l
 RT: 10.188 min Scan# 3058
 Delta R.T. -0.003 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

Instrument :
 MSVOA_N
 ClientSampleId :

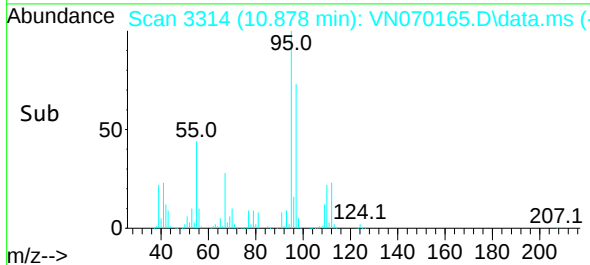
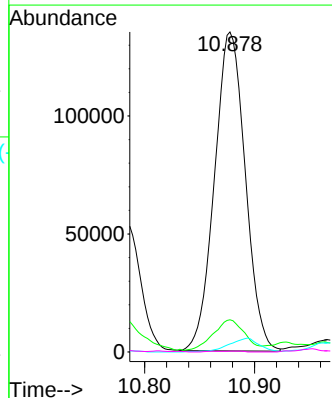
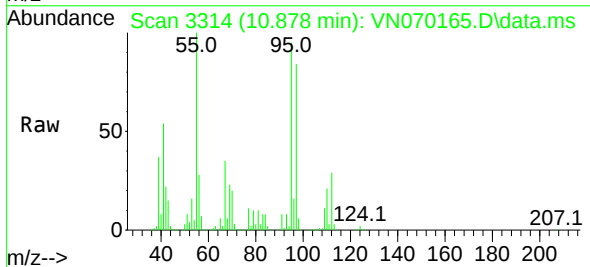


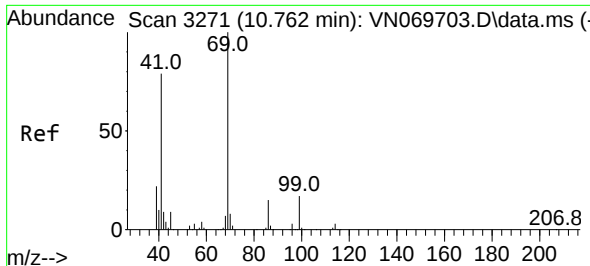
Tgt Ion: 75 Resp: 862
 Ion Ratio Lower Upper
 75 100
 77 260.9 26.4 39.6#
 39 4213.2 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 21.908 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

Tgt Ion: 97 Resp: 262959
 Ion Ratio Lower Upper
 97 100
 83 9.2 67.8 101.6#
 85 2.5 45.4 68.2#
 99 0.1 49.4 74.0#

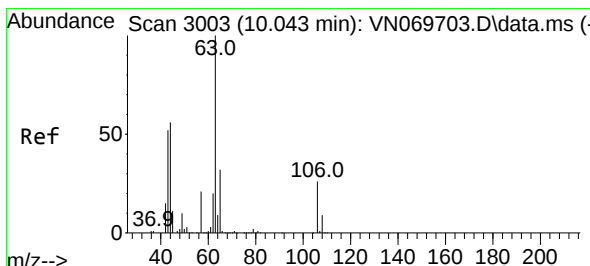
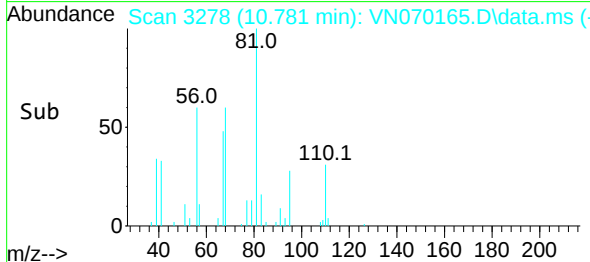
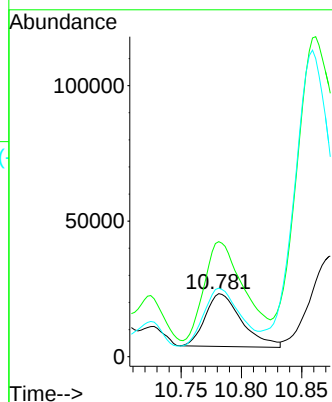
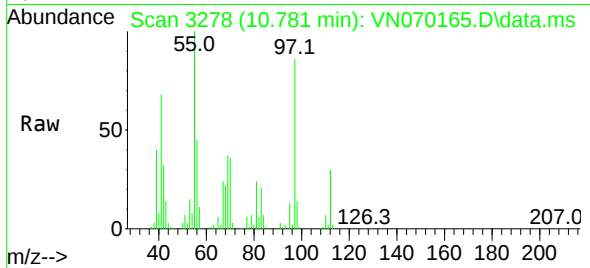




#56
Ethyl methacrylate
Concen: 4.007 ug/l
RT: 10.781 min Scan# 31
Delta R.T. 0.019 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

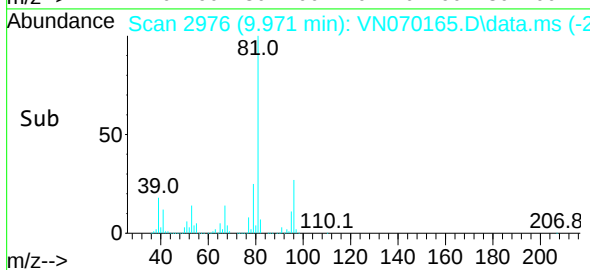
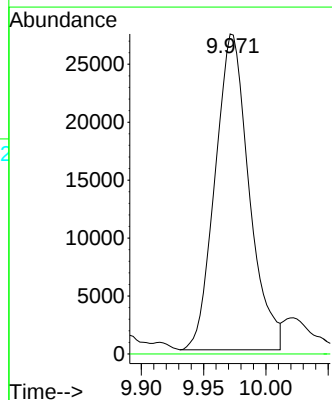
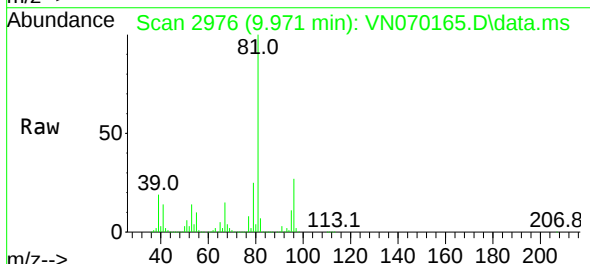
Instrument :
MSVOA_N
ClientSampleId :

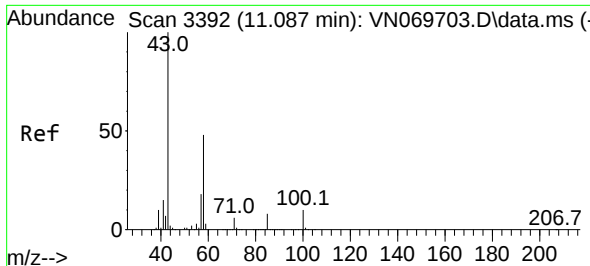
Tgt Ion: 69 Resp: 40993
Ion Ratio Lower Upper
69 100
41 203.4 51.4 77.0#
39 106.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 26.252 ug/l
RT: 9.971 min Scan# 2976
Delta R.T. -0.072 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 63 Resp: 51905
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

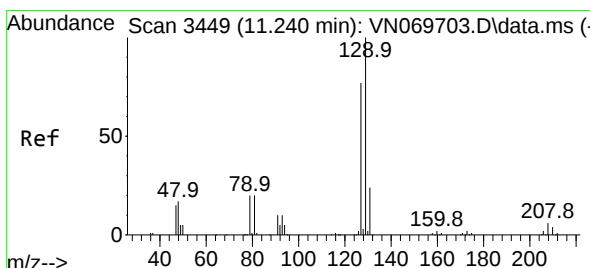
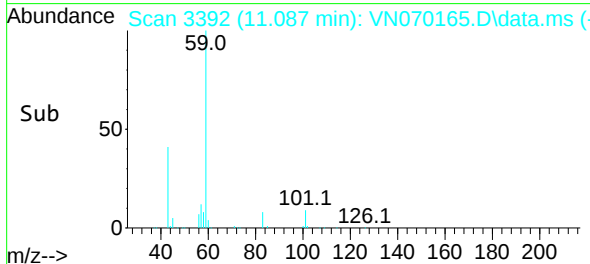
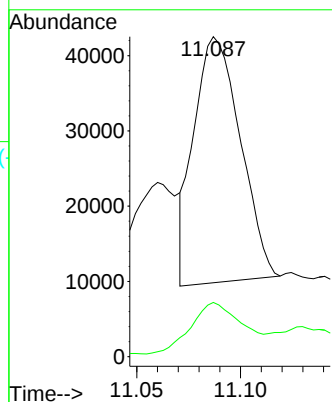
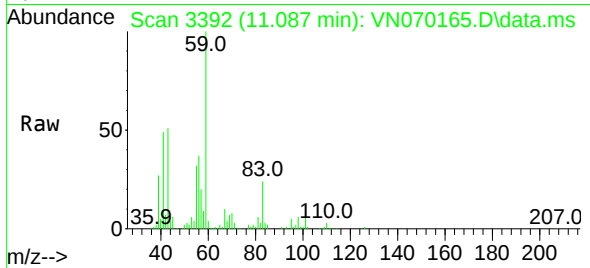




#59
2-Hexanone
Concen: 2.940 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

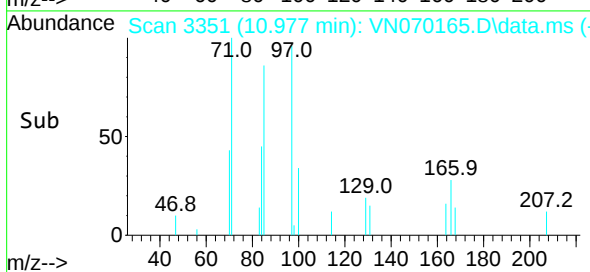
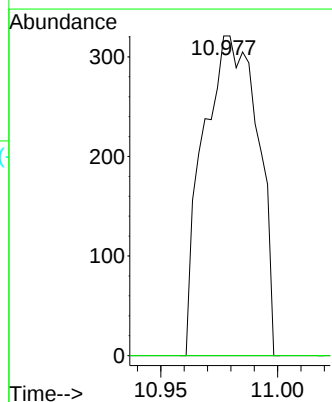
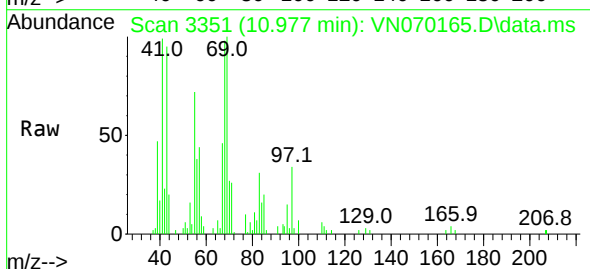
Instrument : MSVOA_N
ClientSampleId :

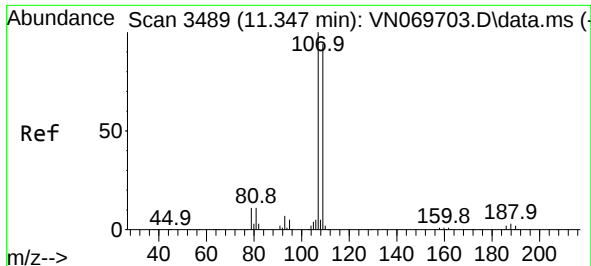
Tgt Ion: 43 Resp: 50665
Ion Ratio Lower Upper
43 100
58 23.6 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.415 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 129 Resp: 522
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

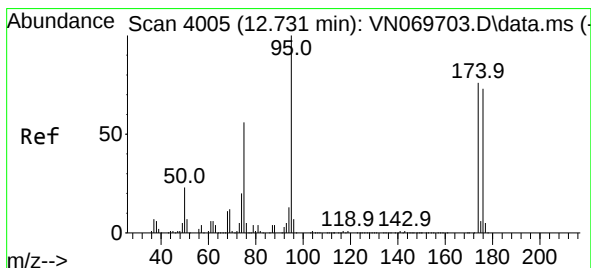
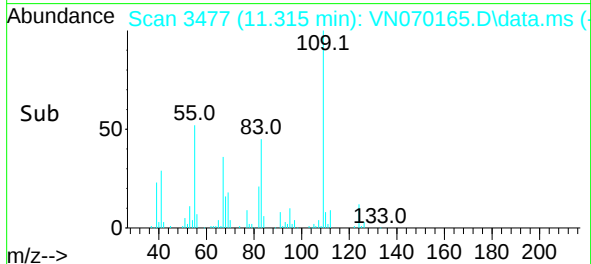
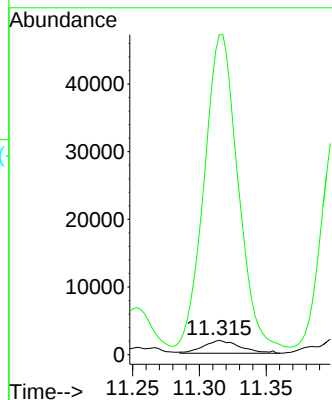
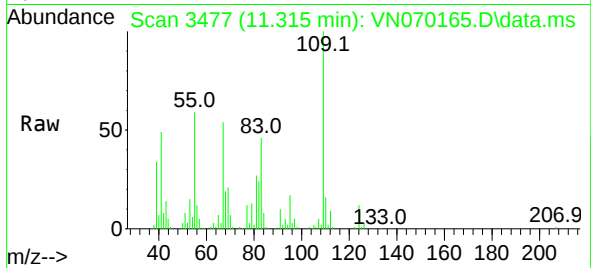




#61
1,2-Dibromoethane
Concen: 0.292 ug/l
RT: 11.315 min Scan# 34
Delta R.T. -0.032 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

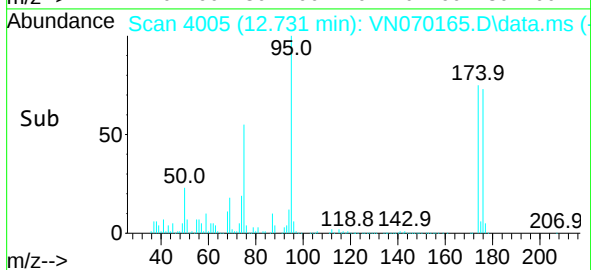
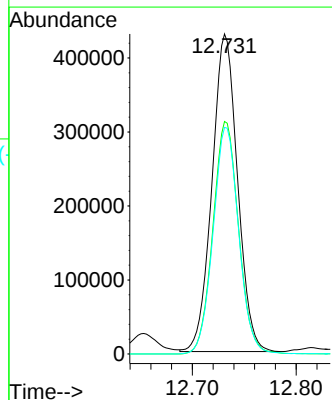
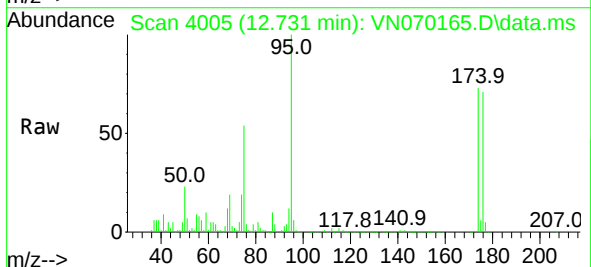
Instrument :
MSVOA_N
ClientSampleId :

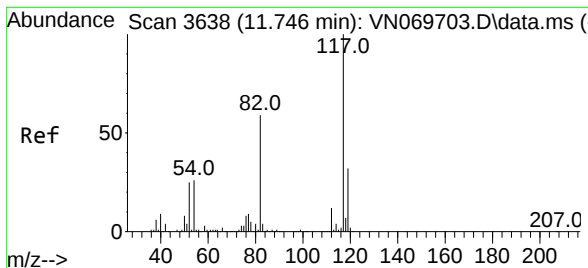
Tgt Ion:107 Resp: 3629
Ion Ratio Lower Upper
107 100
109 2219.0 75.7 113.5#



#62
4-Bromofluorobenzene
Concen: 48.009 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 95 Resp: 732536
Ion Ratio Lower Upper
95 100
174 73.7 0.0 187.2
176 71.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

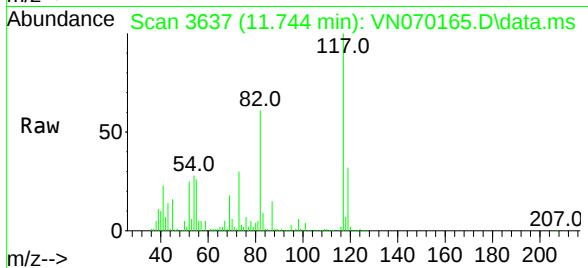
Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Instrument :

MSVOA_N

ClientSampleId :



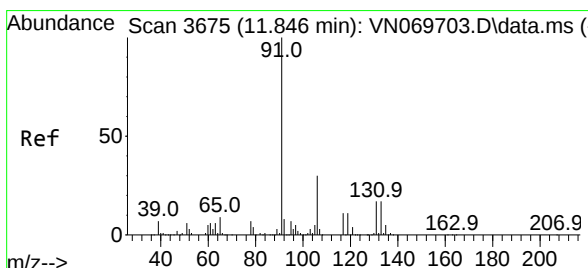
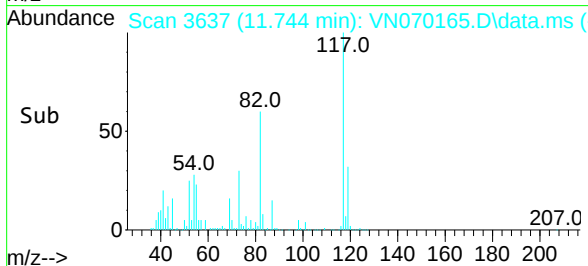
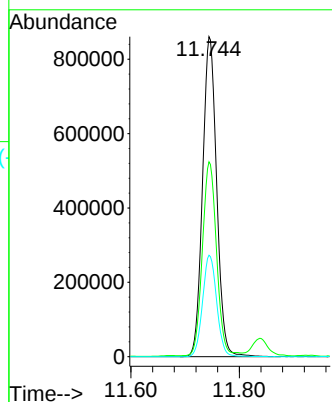
Tgt Ion:117 Resp: 1554374

Ion Ratio Lower Upper

117 100

82 60.6 42.4 63.6

119 31.7 25.4 38.2



#67

Ethyl Benzene

Concen: 46.361 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070165.D

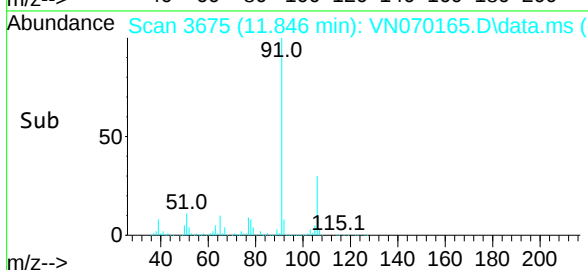
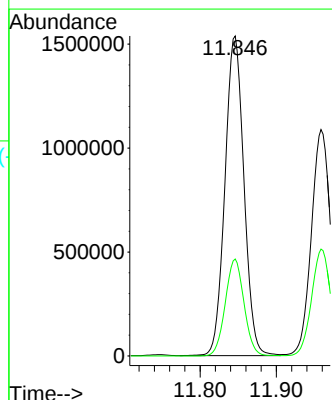
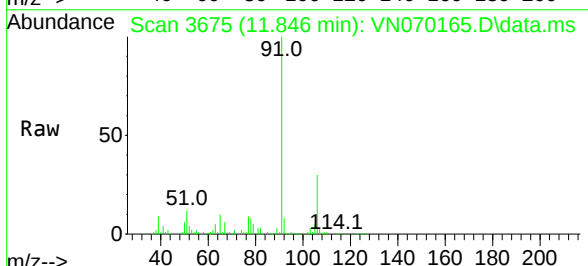
Acq: 17 Dec 2021 15:44

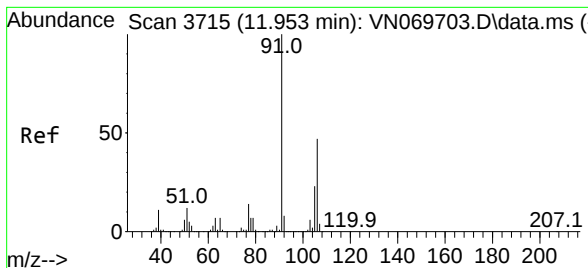
Tgt Ion: 91 Resp: 2655544

Ion Ratio Lower Upper

91 100

106 30.4 25.7 38.5

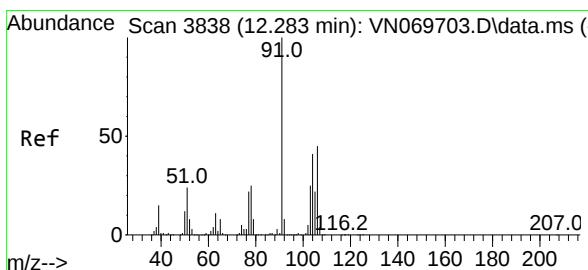
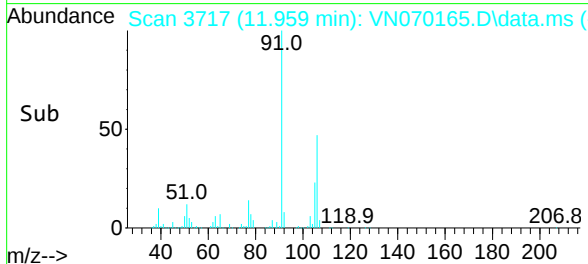
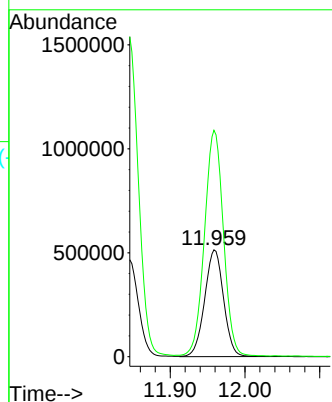
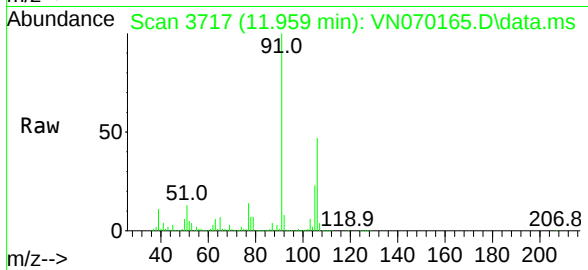




#68
m/p-Xylenes
Concen: 43.203 ug/l
RT: 11.959 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

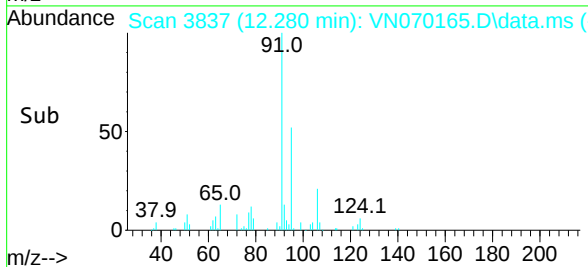
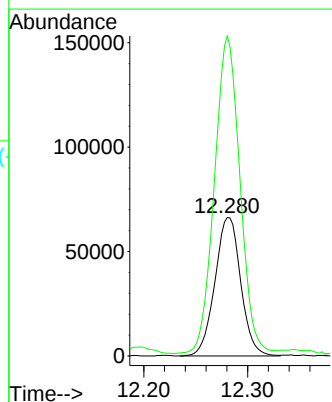
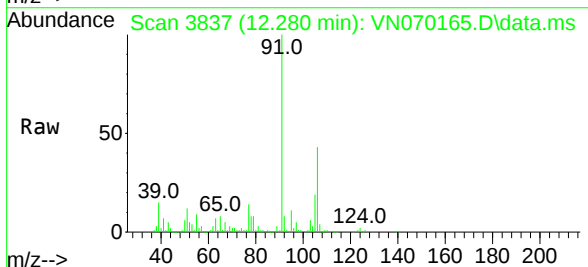
Instrument :
MSVOA_N
ClientSampleId :

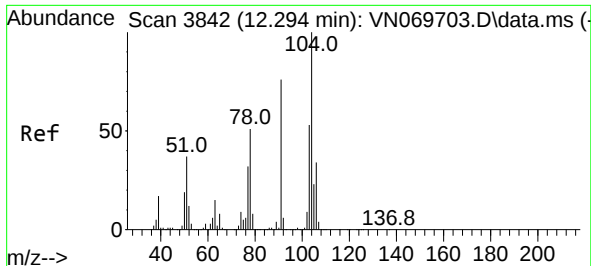
Tgt Ion:106 Resp: 901052
Ion Ratio Lower Upper
106 100
91 212.3 160.6 240.8



#69
o-Xylene
Concen: 5.448 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion:106 Resp: 114441
Ion Ratio Lower Upper
106 100
91 226.5 105.8 317.3

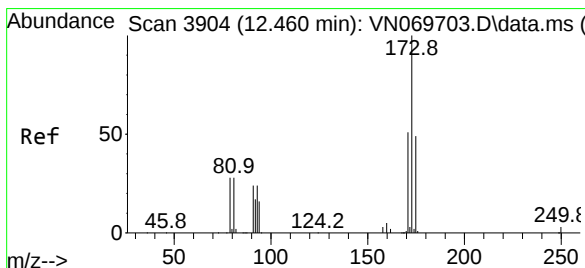
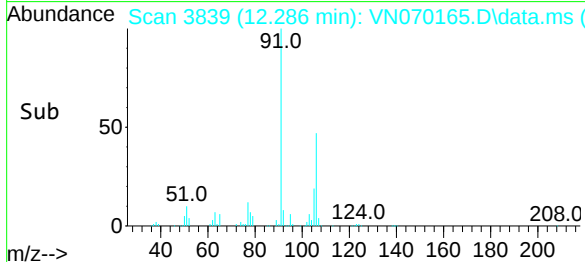
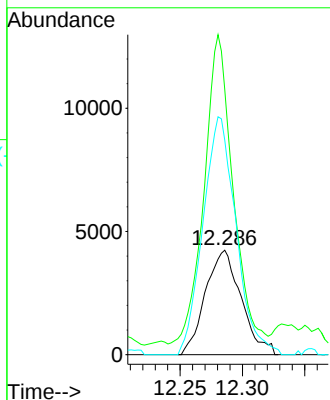
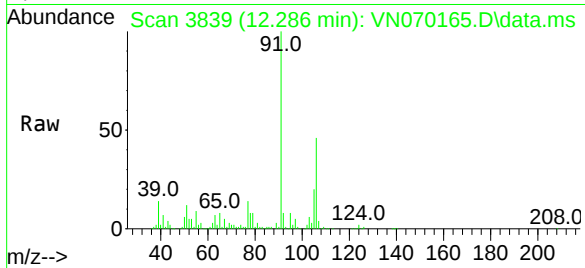




#70
Styrene
Concen: 0.254 ug/l
RT: 12.286 min Scan# 3842
Delta R.T. -0.008 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

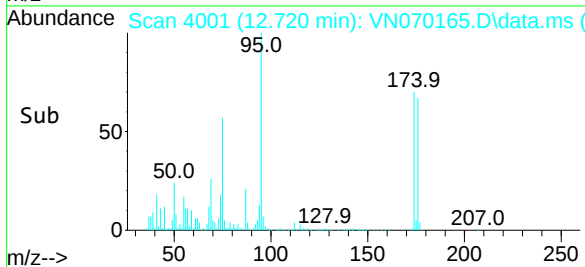
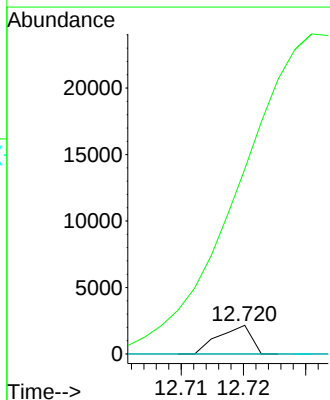
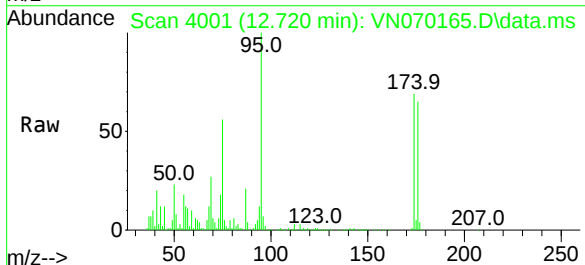
Instrument :
MSVOA_N
ClientSampleId :

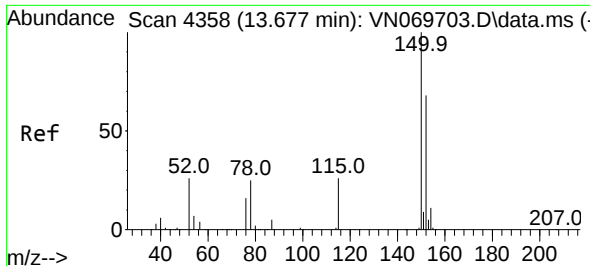
Tgt Ion:104 Resp: 8451
Ion Ratio Lower Upper
104 100
78 236.4 38.7 58.1#
103 0.0 45.0 67.6#



#71
Bromoform
Concen: 2.809 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

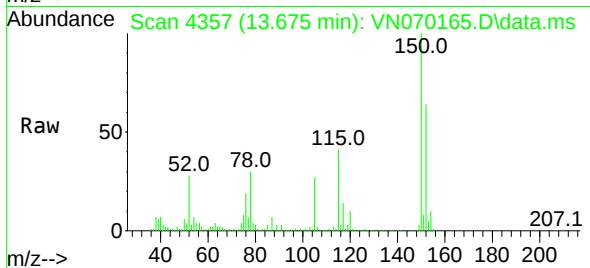
Tgt Ion:173 Resp: 789
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



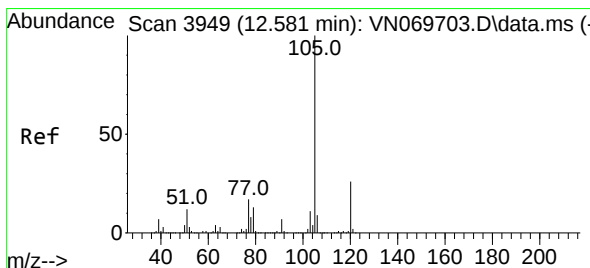
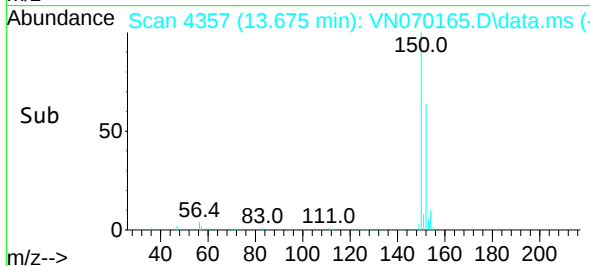
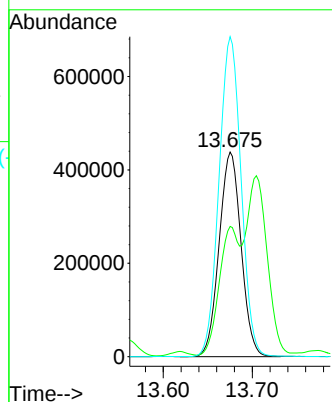


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Instrument :
MSVOA_N
ClientSampleId :

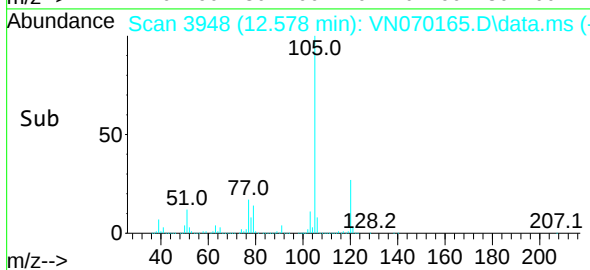
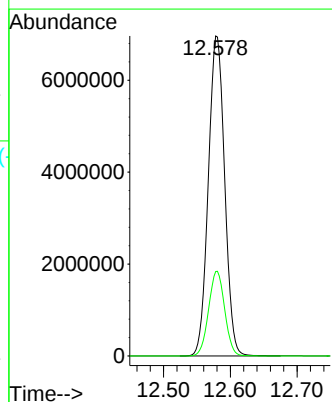
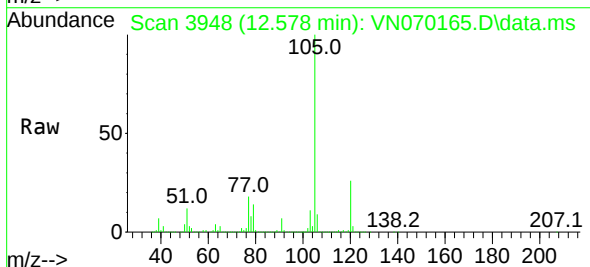


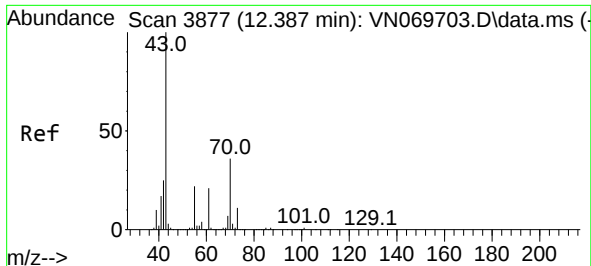
Tgt Ion:152 Resp: 749597
Ion Ratio Lower Upper
152 100
115 55.5 27.5 82.5
150 157.6 0.0 344.4



#73
Isopropylbenzene
Concen: 177.205 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

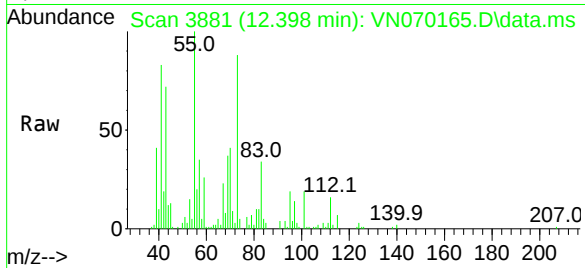
Tgt Ion:105 Resp:11818351
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



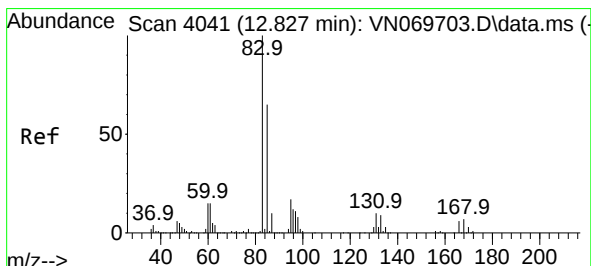
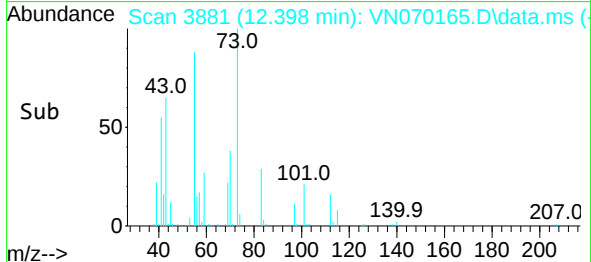
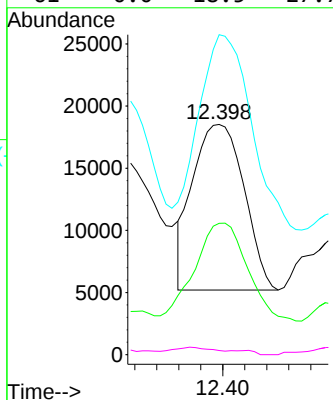


#74
N-amy1 acetate
Concen: 0.733 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.011 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Instrument :
MSVOA_N
ClientSampleId :

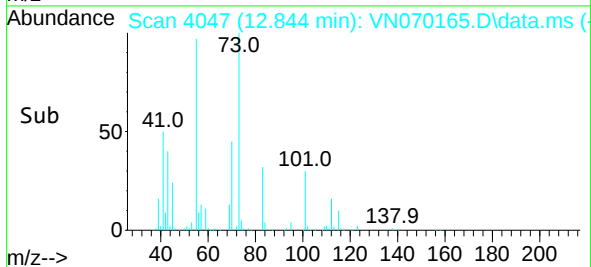
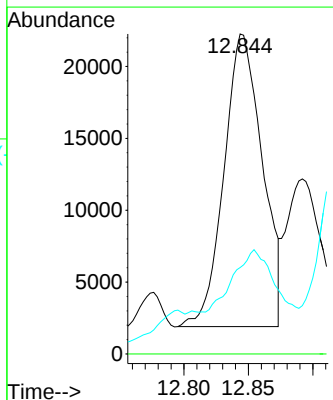
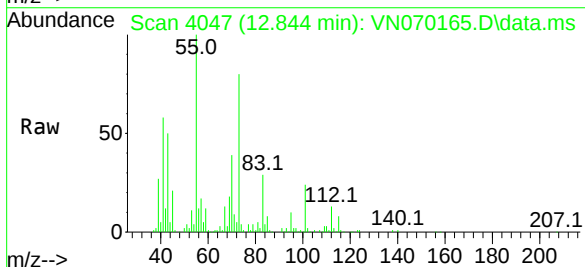


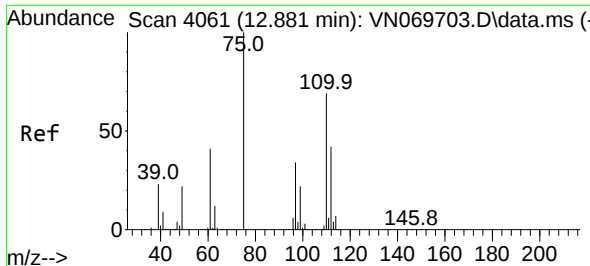
Tgt Ion: 43 Resp: 21628
Ion Ratio Lower Upper
43 100
70 65.7 33.4 50.0#
55 129.0 19.3 28.9#
61 0.0 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.826 ug/l
RT: 12.844 min Scan# 4047
Delta R.T. 0.016 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 83 Resp: 42111
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 23.8 32.4 97.2#

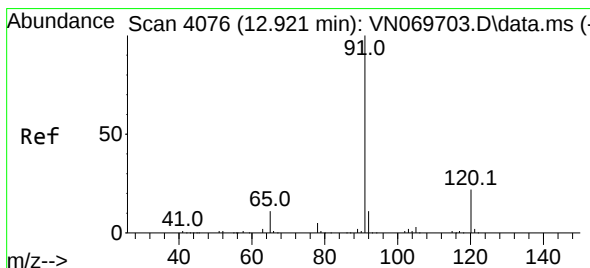
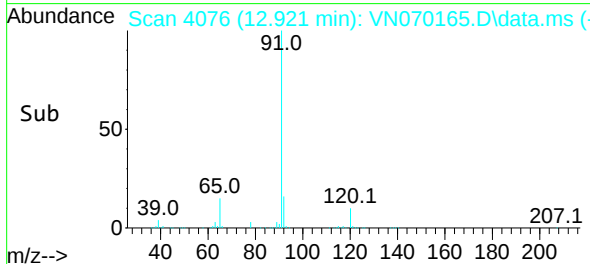
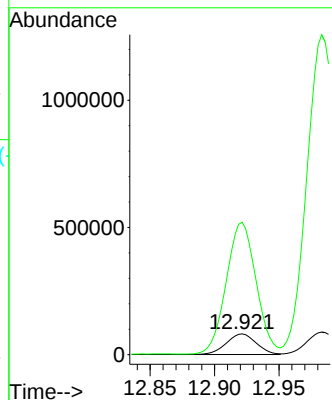
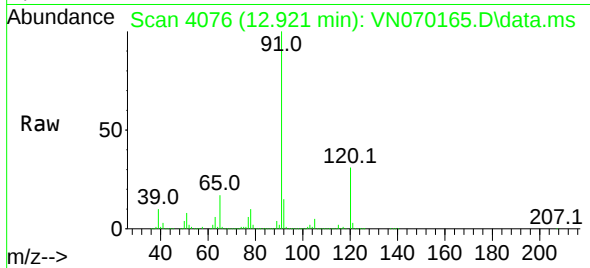




#76
1,2,3-Trichloropropane
Concen: 6.122 ug/l
RT: 12.921 min Scan# 4099
Delta R.T. 0.040 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

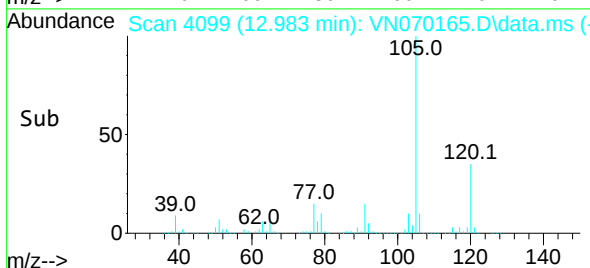
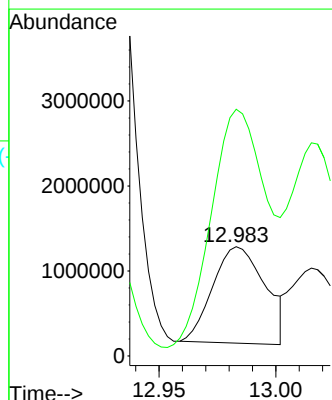
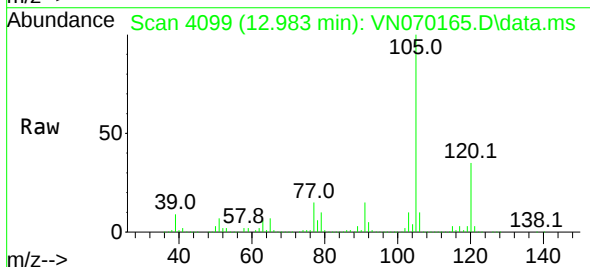
Instrument :
MSVOA_N
ClientSampleId :

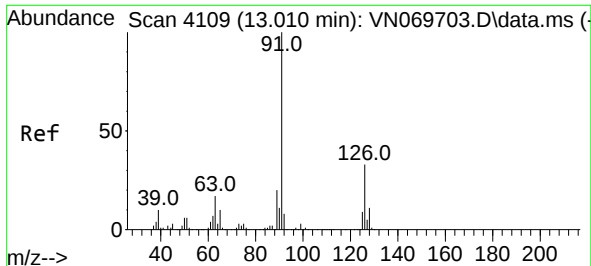
Tgt Ion: 75 Resp: 131609
Ion Ratio Lower Upper
75 100
77 634.5 82.6 247.8#



#78
n-propylbenzene
Concen: 23.911 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. 0.062 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion: 91 Resp: 1774545
Ion Ratio Lower Upper
91 100
120 276.6 11.9 35.9#

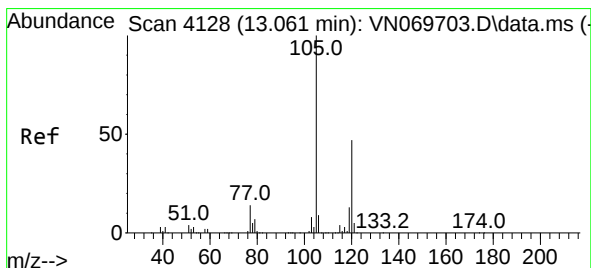
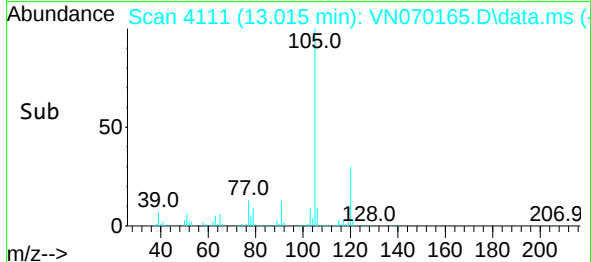
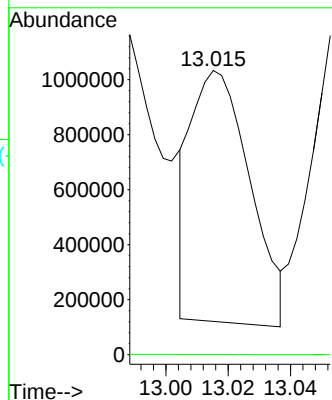
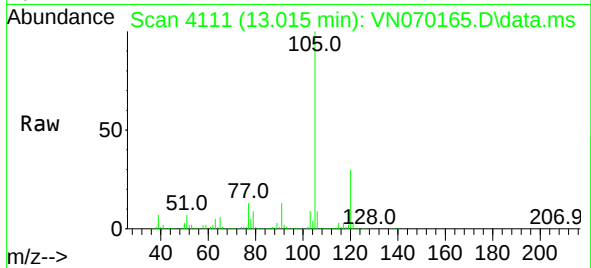




#79
2-Chlorotoluene
Concen: 25.598 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. 0.006 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

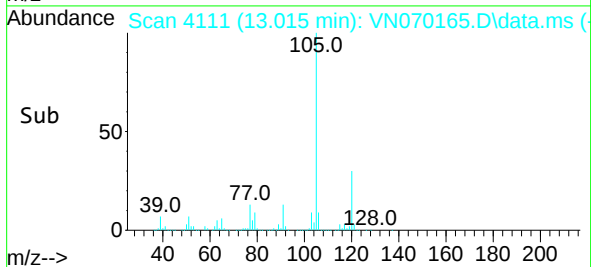
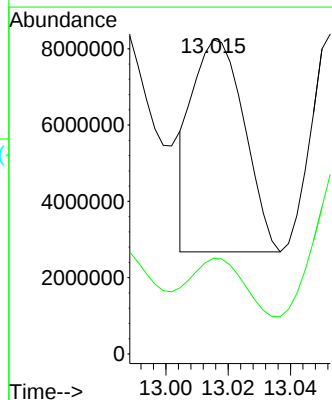
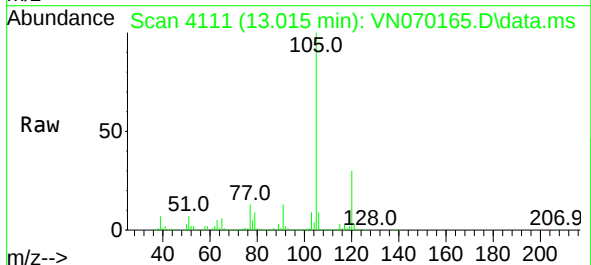
Instrument :
MSVOA_N
ClientSampleId :

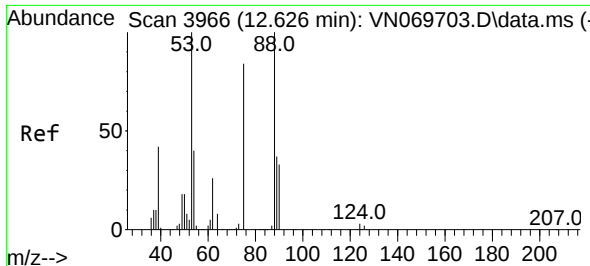
Tgt Ion: 91 Resp: 1200385
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 120.164 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. -0.045 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

Tgt Ion:105 Resp: 6450426
Ion Ratio Lower Upper
105 100
120 55.1 24.6 73.6

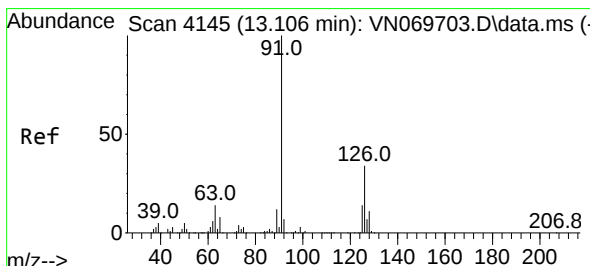
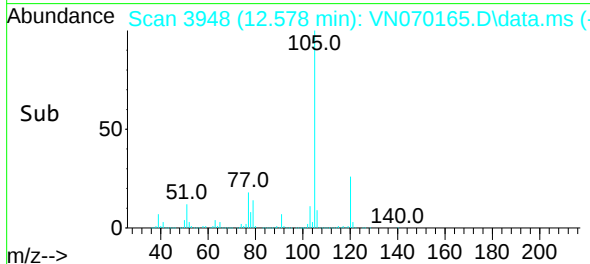
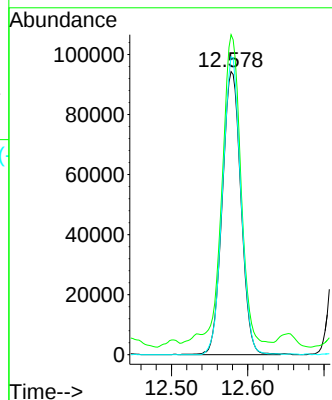
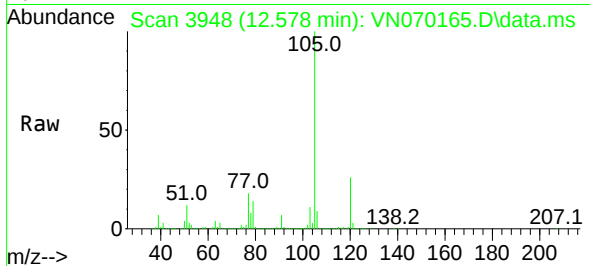




#81
trans-1,4-Dichloro-2-butene
Concen: 26.453 ug/l
RT: 12.578 min Scan# 3966
Delta R.T. -0.048 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

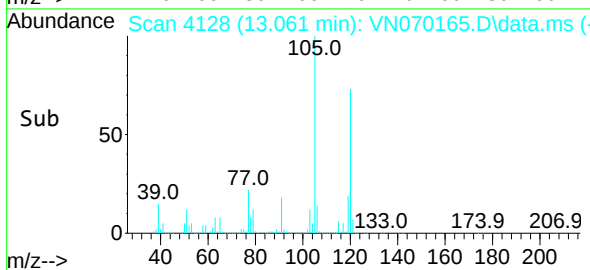
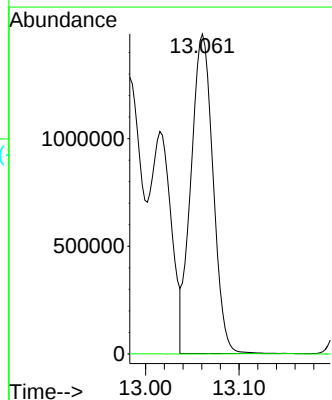
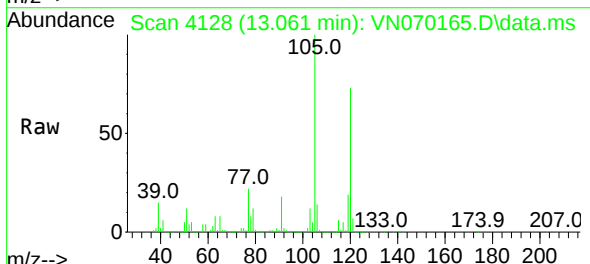
Instrument :
MSVOA_N
ClientSampleId :

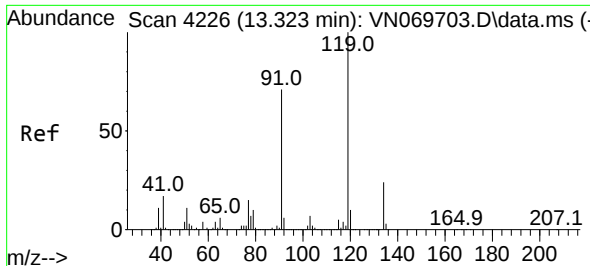
Tgt Ion: 75 Resp: 160074
Ion Ratio Lower Upper
75 100
53 108.4 90.5 135.7
89 102.9 38.2 57.4#



#82
4-Chlorotoluene
Concen: 54.926 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN070165.D
Acq: 17 Dec 2021 15:44

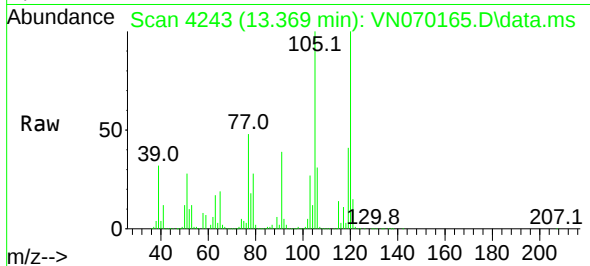
Tgt Ion: 91 Resp: 2422291
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



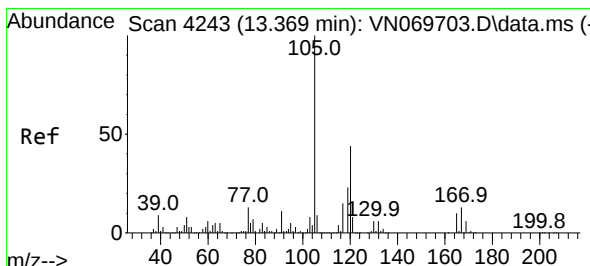
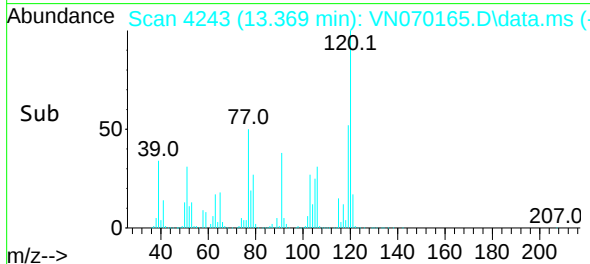
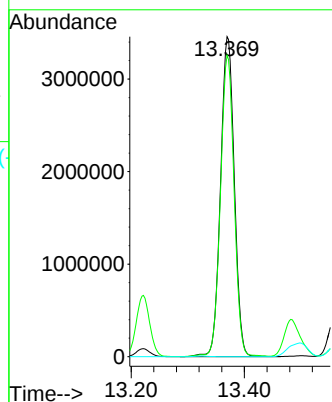


#83
 tert-Butylbenzene
 Concen: 122.455 ug/l
 RT: 13.369 min Scan# 4187
 Delta R.T. 0.046 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

Instrument :
 MSVOA_N
 ClientSampleId :

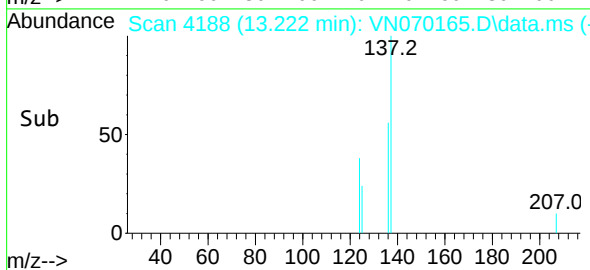
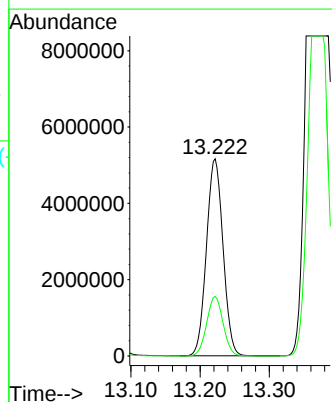
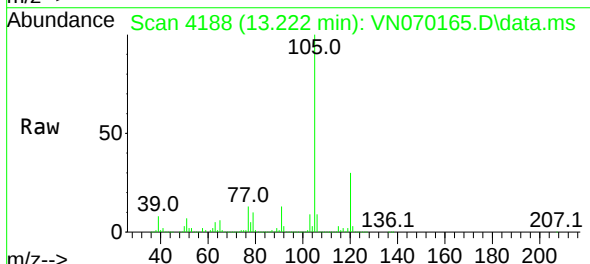


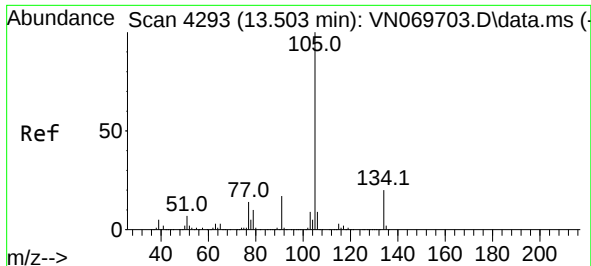
Tgt Ion:119 Resp: 5820562
 Ion Ratio Lower Upper
 119 100
 91 93.3 31.5 94.5
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 168.049 ug/l
 RT: 13.222 min Scan# 4188
 Delta R.T. -0.147 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

Tgt Ion:105 Resp: 8591096
 Ion Ratio Lower Upper
 105 100
 120 29.8 22.8 68.4

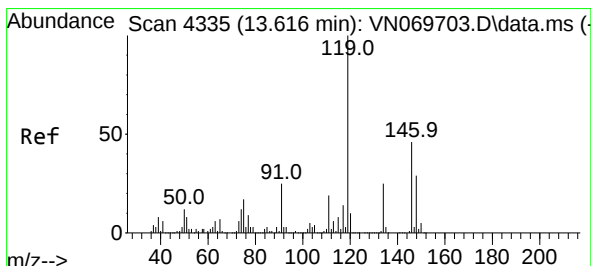
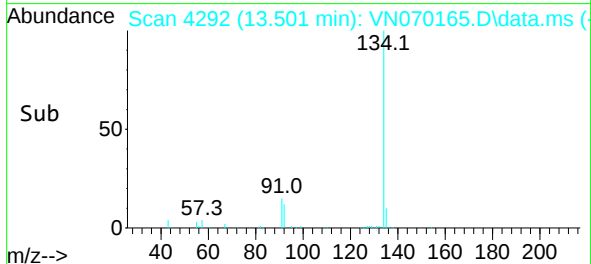
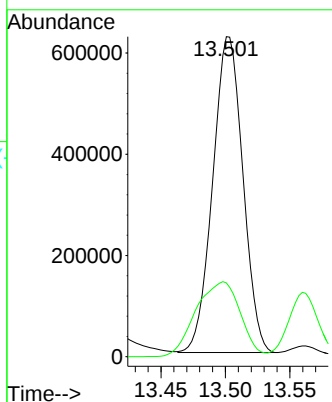
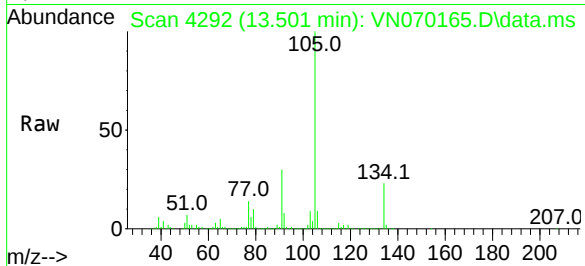




#85
 sec-Butylbenzene
 Concen: 15.781 ug/l
 RT: 13.501 min Scan# 4314
 Delta R.T. -0.002 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

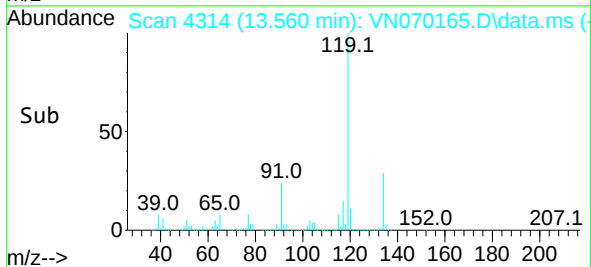
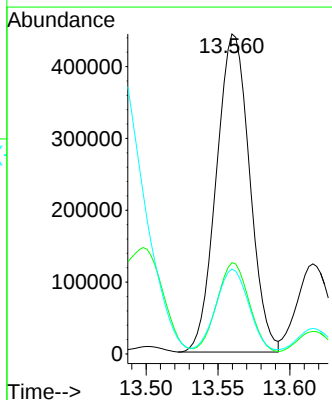
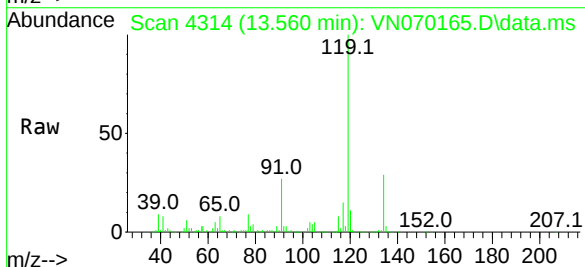
Instrument :
 MSVOA_N
 ClientSampleId :

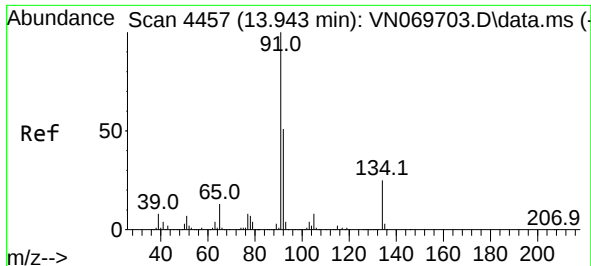
Tgt Ion:105 Resp: 1017458
 Ion Ratio Lower Upper
 105 100
 134 34.9 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 14.146 ug/l
 RT: 13.560 min Scan# 4314
 Delta R.T. -0.056 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

Tgt Ion:119 Resp: 712919
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.6 40.7
 91 24.3 11.4 34.1





#89

n-Butylbenzene

Concen: 25.922 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Instrument :

MSVOA_N

ClientSampleId :

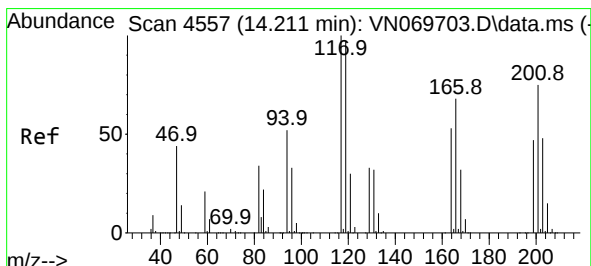
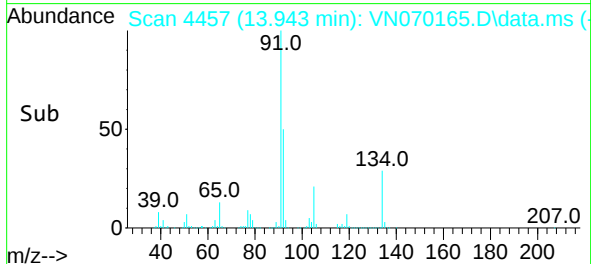
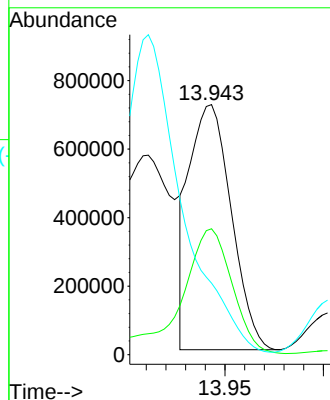
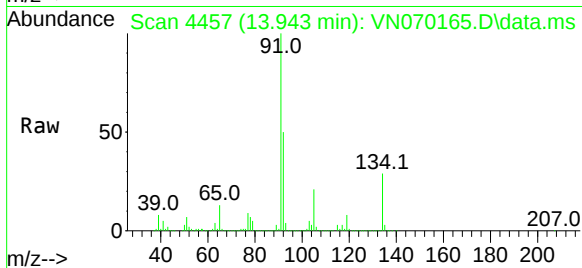
Tgt Ion: 91 Resp: 1059695

Ion Ratio Lower Upper

91 100

92 56.5 25.4 76.0

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 119.399 ug/l

RT: 14.217 min Scan# 4559

Delta R.T. 0.006 min

Lab File: VN070165.D

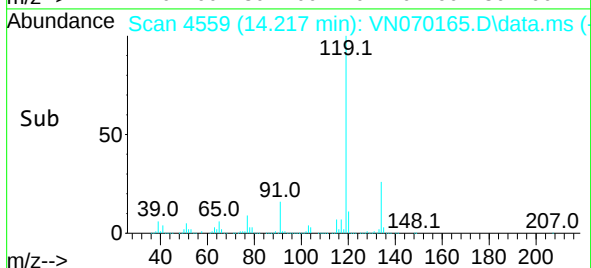
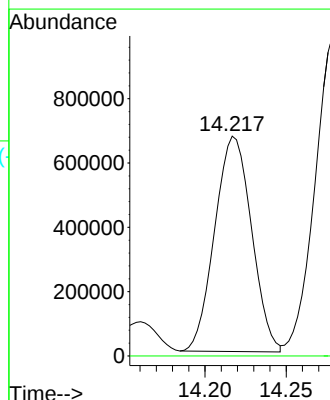
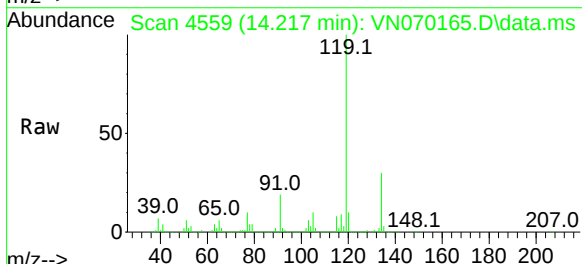
Acq: 17 Dec 2021 15:44

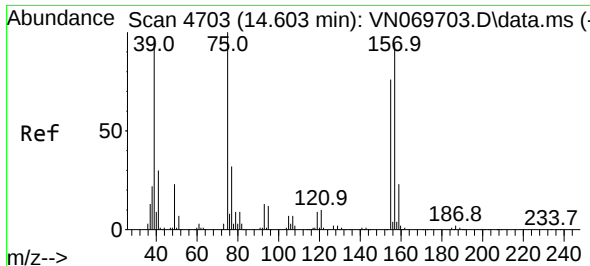
Tgt Ion: 117 Resp: 1056440

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#

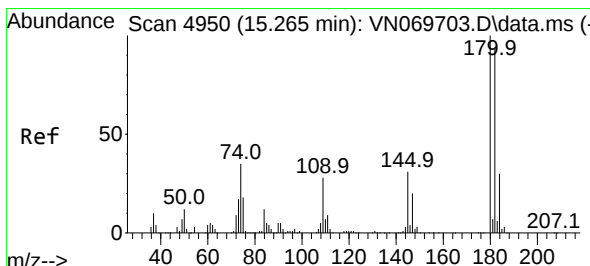
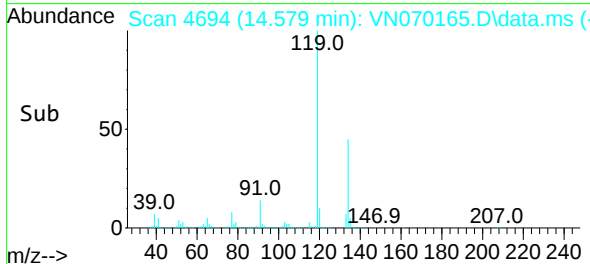
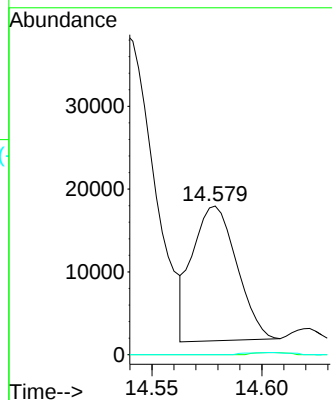
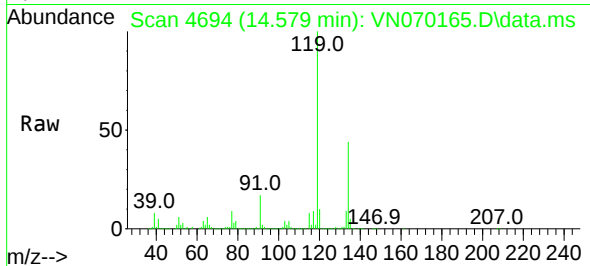




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.435 ug/l
 RT: 14.579 min Scan# 4
 Delta R.T. -0.024 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

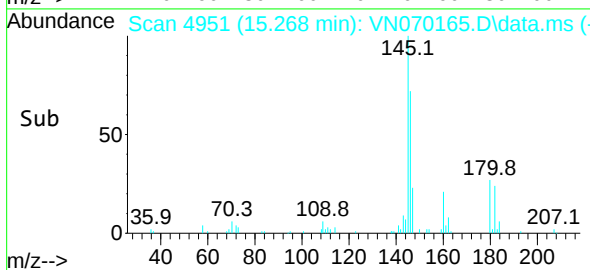
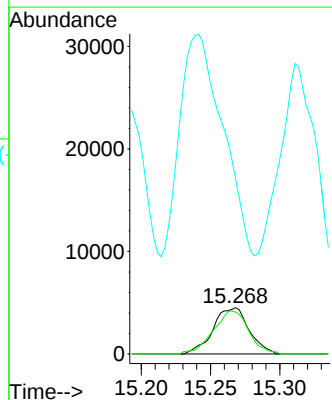
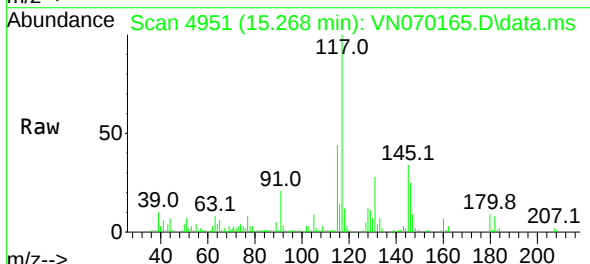
Instrument :
 MSVOA_N
 ClientSampleId :

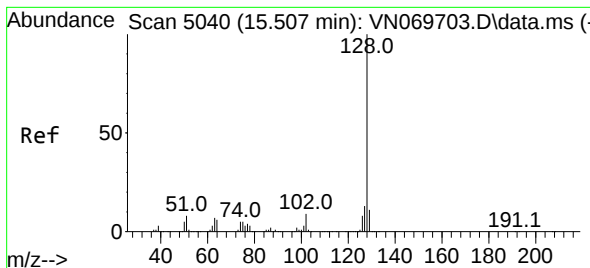
Tgt Ion: 75 Resp: 22648
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.500 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN070165.D
 Acq: 17 Dec 2021 15:44

Tgt Ion:180 Resp: 8117
 Ion Ratio Lower Upper
 180 100
 182 91.6 48.3 144.9
 145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 70.001 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Instrument :

MSVOA_N

ClientSampleId :

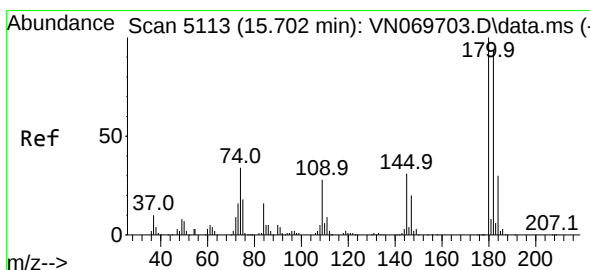
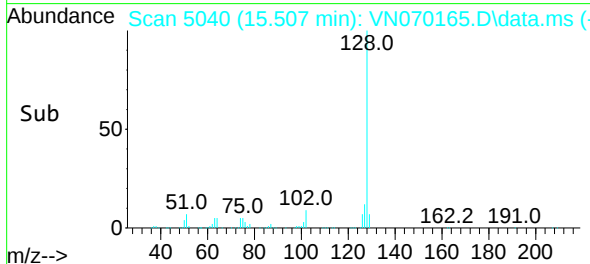
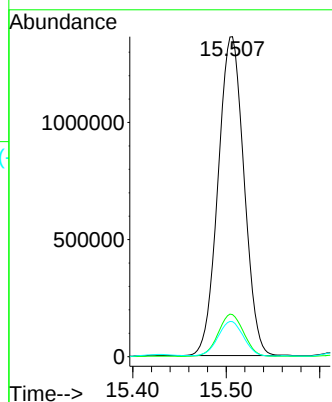
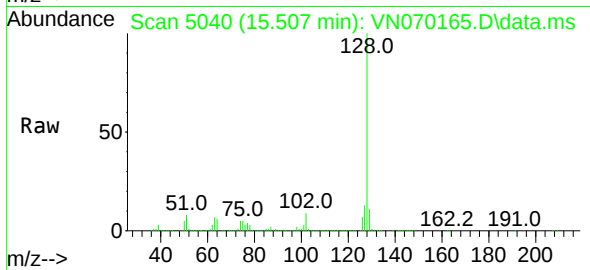
Tgt Ion:128 Resp: 2627797

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 3.171 ug/l

RT: 15.703 min Scan# 5113

Delta R.T. 0.001 min

Lab File: VN070165.D

Acq: 17 Dec 2021 15:44

Tgt Ion:180 Resp: 9268

Ion Ratio Lower Upper

180 100

182 102.6 47.4 142.2

145 0.0 15.0 45.1#

