

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070607.D
 Acq On : 13 Jan 2022 13:17
 Operator : JC/MD
 Sample : N1123-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220112013-02-VOA

Quant Time: Jan 14 04:53:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	795993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1312196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1173992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	446107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	627937	54.866	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.740%	
35) Dibromofluoromethane	8.021	113	449622	56.631	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 113.260%	
50) Toluene-d8	10.440	98	1760970	54.295	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.580%	
62) 4-Bromofluorobenzene	12.731	95	670494	57.237	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 114.480%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	2836	0.314	ug/l	97
4) Vinyl Chloride	2.445	62	2420	0.216	ug/l	94
5) Bromomethane	2.858	94	1440	0.250	ug/l #	46
6) Chloroethane	3.022	64	4273	0.635	ug/l	93
8) Diethyl Ether	3.824	74	63258	10.664	ug/l	80
11) Tert butyl alcohol	5.374	59	605169	317.570	ug/l #	81
13) Acrolein	4.041	56	2495	1.614	ug/l #	33
16) Acetone	4.291	43	44564	5.998	ug/l	96
18) Methyl Acetate	4.865	43	13204	0.614	ug/l	93
19) Methyl tert-butyl Ether	5.624	73	20904	0.694	ug/l #	87
25) 2-Butanone	7.321	43	56494	6.039	ug/l #	71
26) 2,2-Dichloropropane	7.313	77	51888	3.543	ug/l #	52
27) cis-1,2-Dichloroethene	7.329	96	3477	0.339	ug/l #	1
29) Tetrahydrofuran	7.686	42	1162562	208.296	ug/l	87
31) Cyclohexane	8.083	56	19868	1.100	ug/l #	8
36) 1,1-Dichloropropene	8.083	75	64375	4.901	ug/l #	42
37) Ethyl Acetate	7.321	43	56494	3.318	ug/l #	9
38) Carbon Tetrachloride	8.083	117	76584	6.106	ug/l #	17
40) Benzene	8.461	78	64329	1.598	ug/l	96
41) Methacrylonitrile	7.683	41	628613	73.822	ug/l #	36
43) Isopropyl Acetate	8.539	43	9283	0.346	ug/l #	60
49) 1,4-Dioxane	9.569	88	42392	226.198	ug/l #	84
51) 4-Methyl-2-Pentanone	10.322	43	23162	1.373	ug/l #	70
52) Toluene	10.505	92	23326	0.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.046	63	774	18.689	ug/l #	66
59) 2-Hexanone	11.175	43	10760	0.875	ug/l	95
65) Chlorobenzene	11.768	112	250078	10.039	ug/l	98
67) Ethyl Benzene	11.843	91	29133	0.638	ug/l	96
68) m/p-Xylenes	11.953	106	76132	4.583	ug/l	91
69) o-Xylene	12.278	106	57659	3.489	ug/l	87
70) Styrene	12.286	104	9573	0.366	ug/l #	1
73) Isopropylbenzene	12.581	105	23379	0.564	ug/l	98
74) N-amyl acetate	12.388	43	11854	0.681	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.827	83	2024	0.580	ug/l #	44
76) 1,2,3-Trichloropropane	12.731	75	349010	27.715	ug/l #	1
77) Bromobenzene	12.860	156	2135	0.224	ug/l #	1

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

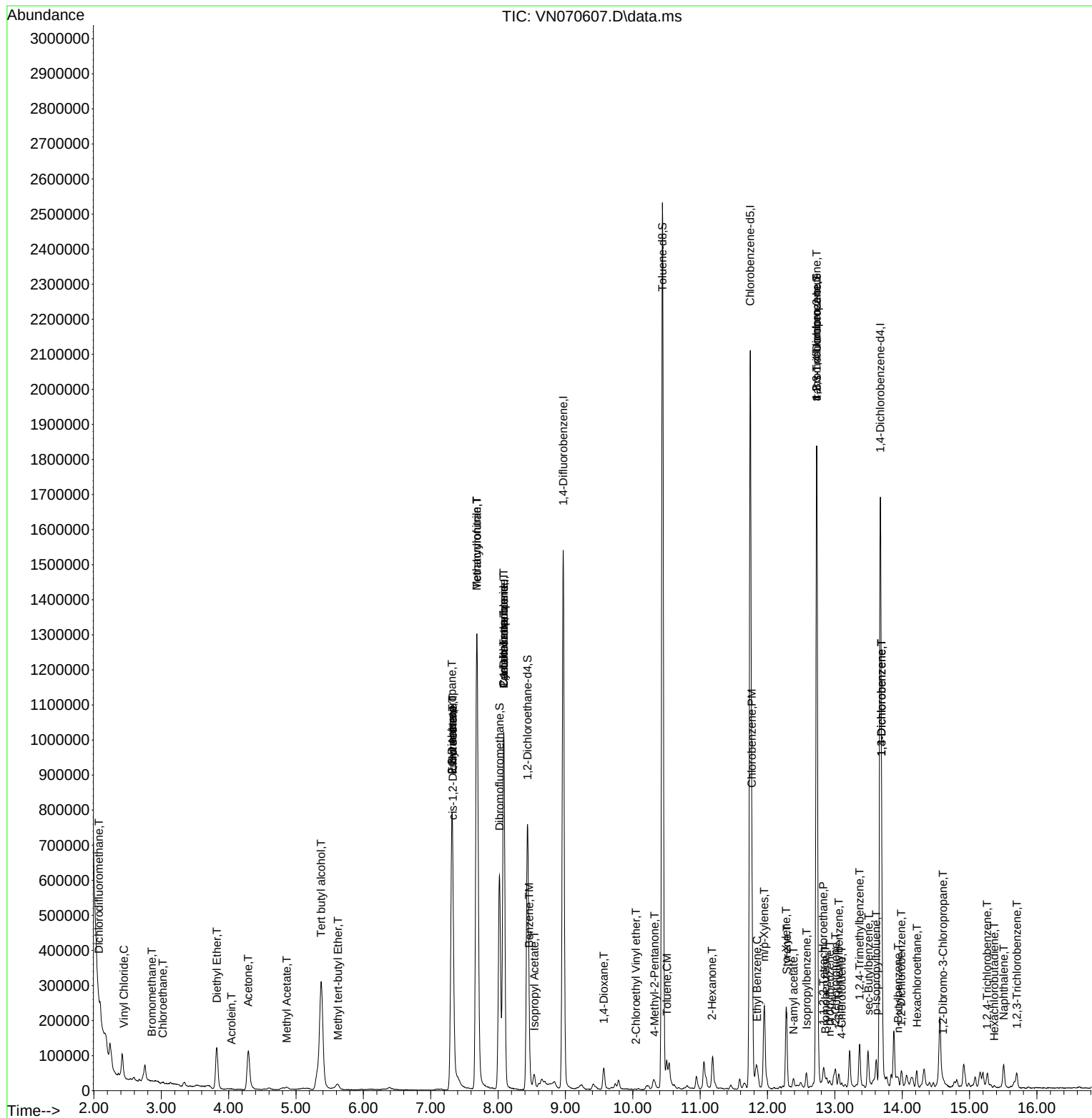
78) n-propylbenzene	12.924	91	11577	0.252	ug/l	98
79) 2-Chlorotoluene	13.007	91	24135	0.819	ug/l	85
80) 1,3,5-Trimethylbenzene	13.061	105	17412	0.524	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.731	75	349010	95.585	ug/l #	5
82) 4-Chlorotoluene	13.104	91	6328	0.229	ug/l	84
84) 1,2,4-Trimethylbenzene	13.366	105	64622	2.021	ug/l	98
85) sec-Butylbenzene	13.501	105	8303	0.209	ug/l	96
86) p-Isopropyltoluene	13.616	119	29069	0.932	ug/l	96
87) 1,3-Dichlorobenzene	13.694	146	158377	9.947	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	158377	10.084	ug/l	95
89) n-Butylbenzene	13.940	91	14912	0.573	ug/l	97
90) Hexachloroethane	14.219	117	2480	0.458	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	16307	1.045	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	1874	0.781	ug/l	57
93) 1,2,4-Trichlorobenzene	15.260	180	12067	1.641	ug/l	97
94) Hexachlorobutadiene	15.367	225	1246	0.292	ug/l #	76
95) Naphthalene	15.507	128	64609	4.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	13541	2.719	ug/l	94

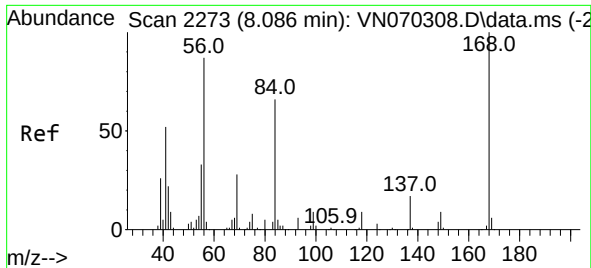
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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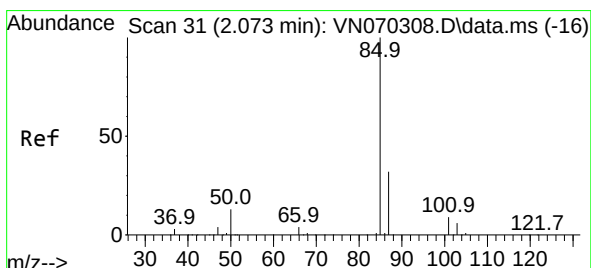
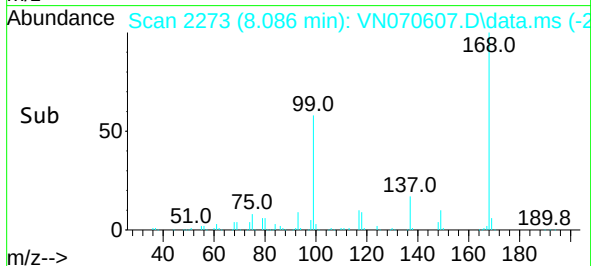
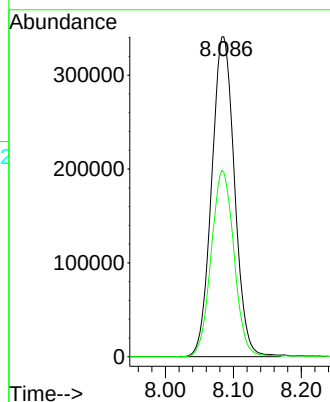
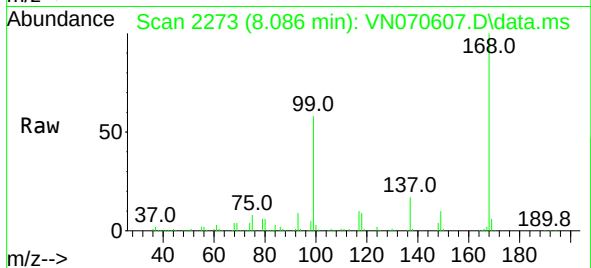




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

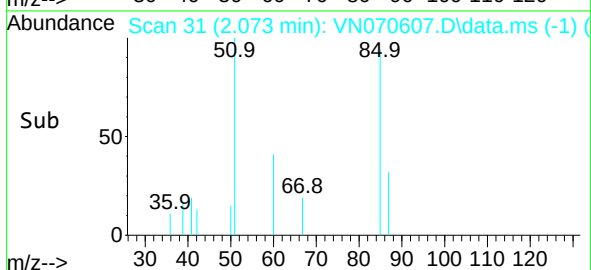
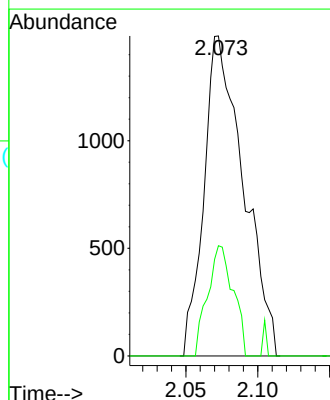
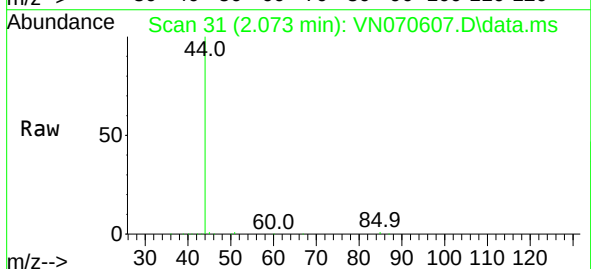
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

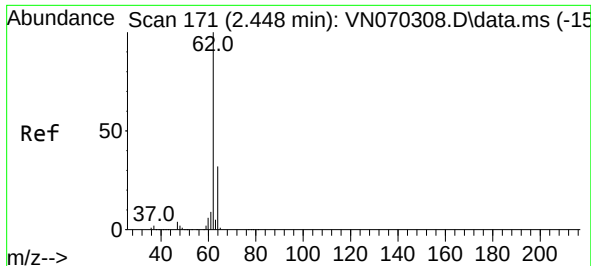
Tgt Ion:168 Resp: 795993
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.314 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 85 Resp: 2836
Ion Ratio Lower Upper
85 100
87 34.4 16.3 48.9

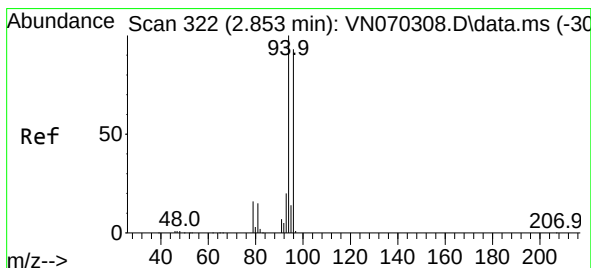
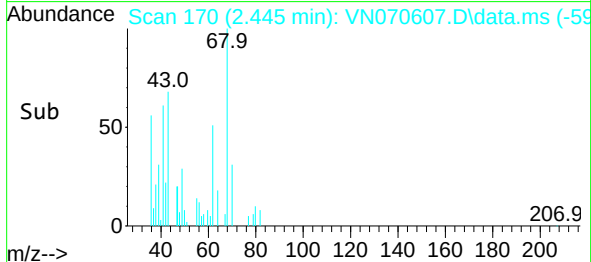
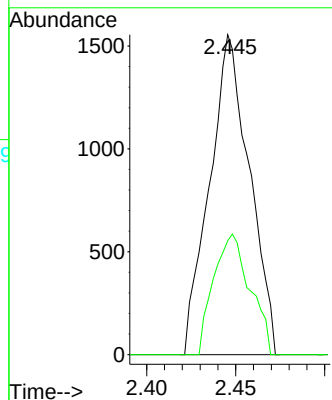
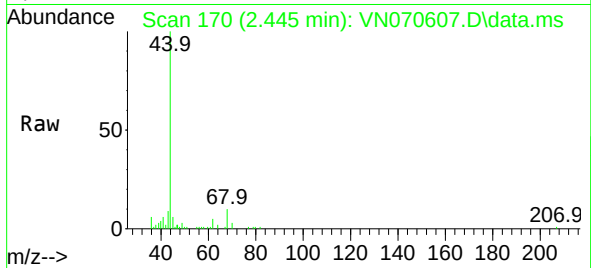




#4
 Vinyl Chloride
 Concen: 0.216 ug/l
 RT: 2.445 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VN070607.D
 Acq: 13 Jan 2022 13:17

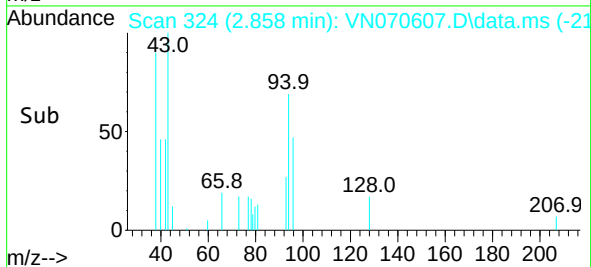
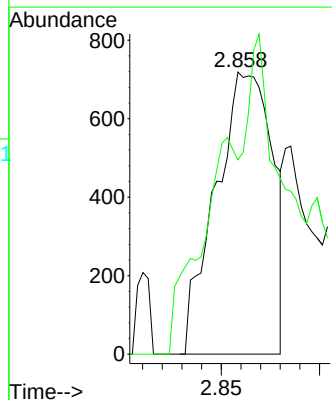
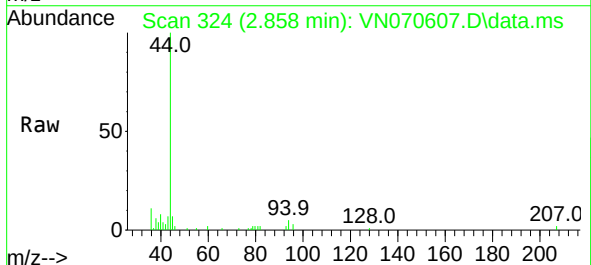
Instrument :
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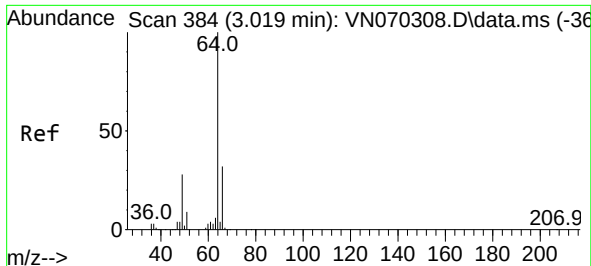
Tgt Ion: 62 Resp: 2420
 Ion Ratio Lower Upper
 62 100
 64 35.6 25.8 38.6



#5
 Bromomethane
 Concen: 0.250 ug/l
 RT: 2.858 min Scan# 324
 Delta R.T. 0.005 min
 Lab File: VN070607.D
 Acq: 13 Jan 2022 13:17

Tgt Ion: 94 Resp: 1440
 Ion Ratio Lower Upper
 94 100
 96 41.2 73.8 110.8#

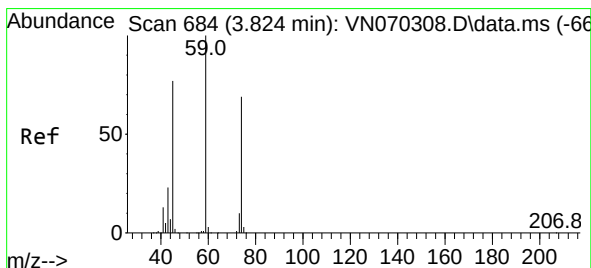
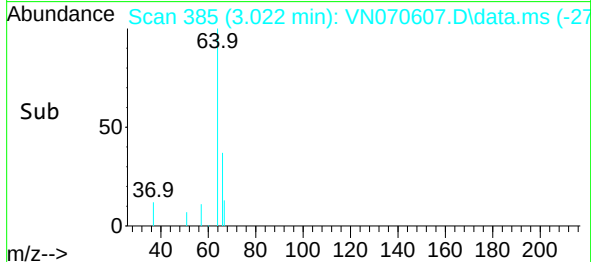
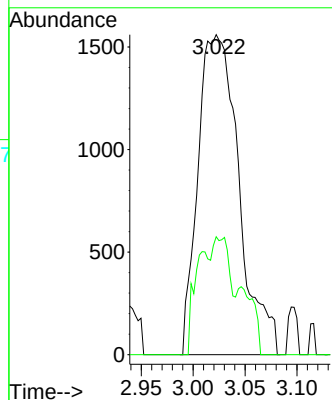
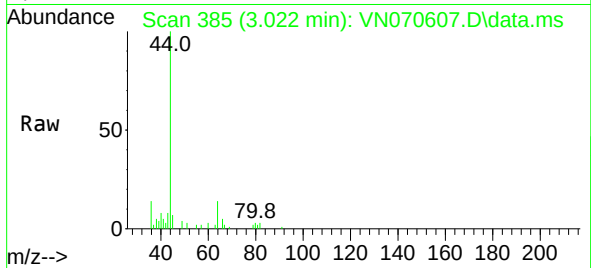




#6
Chloroethane
Concen: 0.635 ug/l
RT: 3.022 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

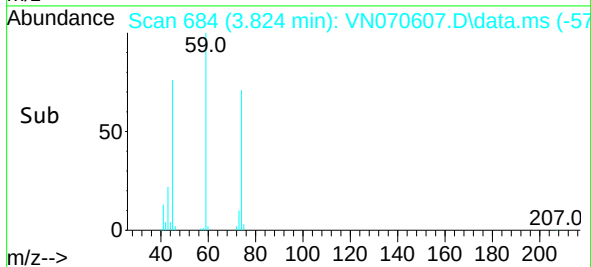
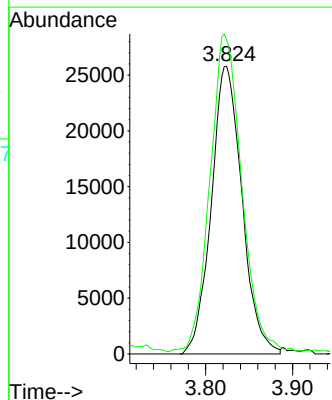
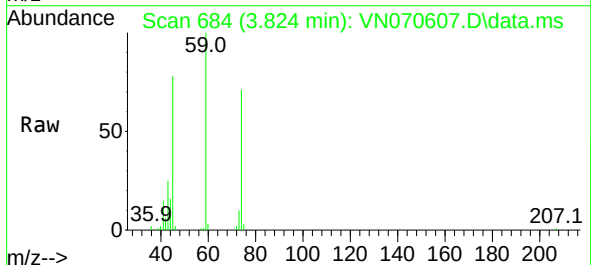
Instrument :
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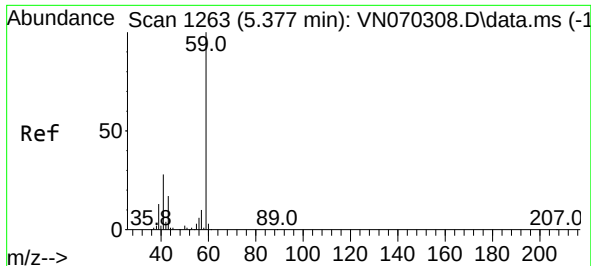
Tgt Ion: 64 Resp: 4273
Ion Ratio Lower Upper
64 100
66 36.9 26.3 39.5



#8
Diethyl Ether
Concen: 10.664 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 74 Resp: 63258
Ion Ratio Lower Upper
74 100
45 113.8 47.0 141.2

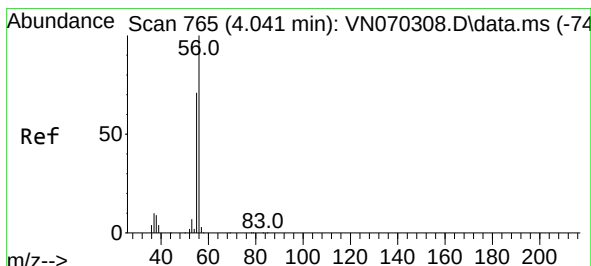
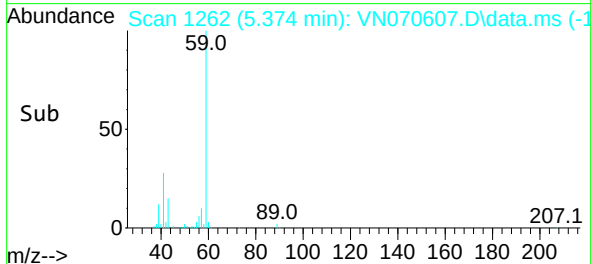
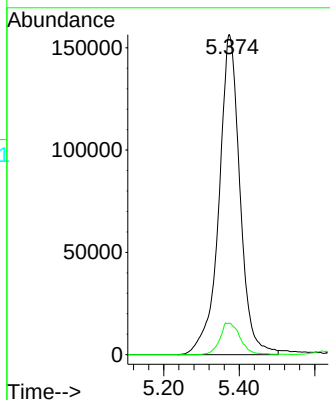
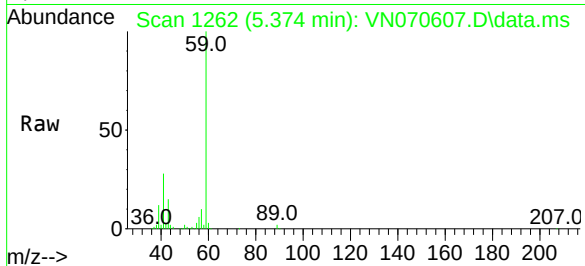




#11
Tert butyl alcohol
Concen: 317.570 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

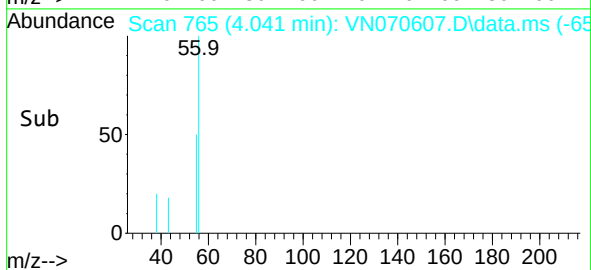
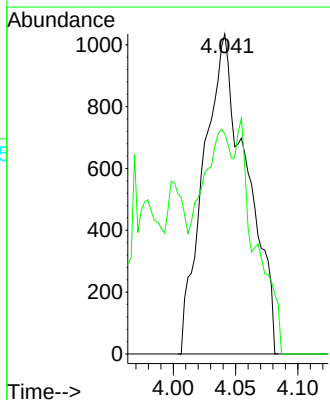
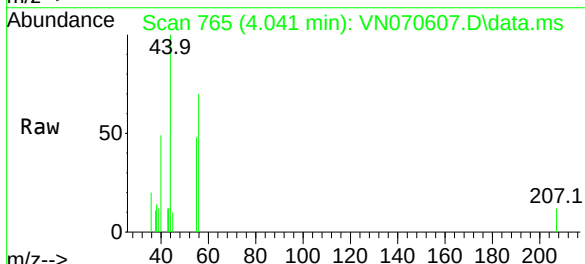
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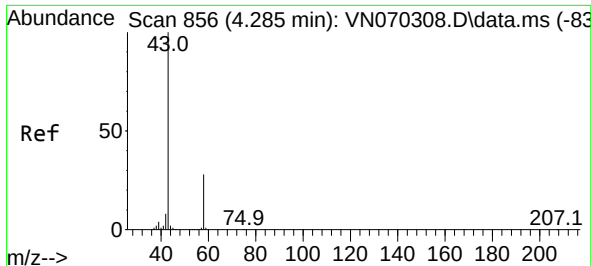
Tgt Ion: 59 Resp: 605169
Ion Ratio Lower Upper
59 100
57 3.9 8.7 13.1#



#13
Acrolein
Concen: 1.614 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 56 Resp: 2495
Ion Ratio Lower Upper
56 100
55 15.2 56.6 85.0#

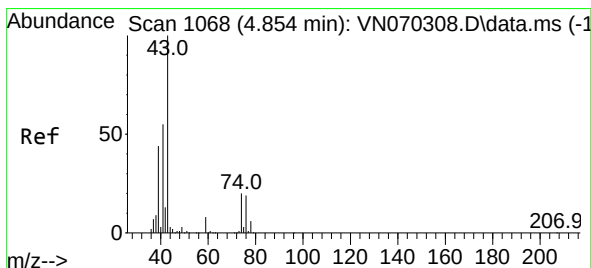
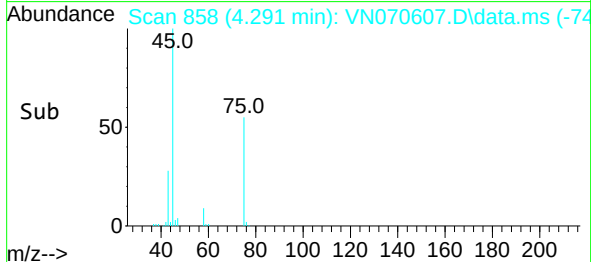
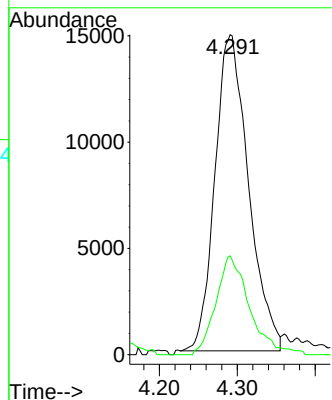
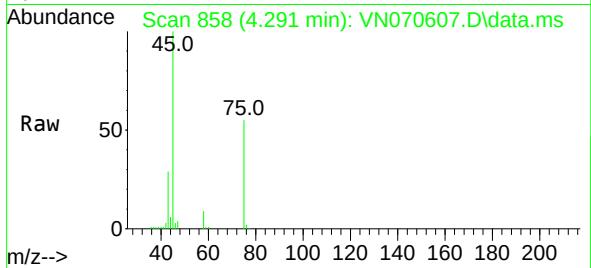




#16
Acetone
Concen: 5.998 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
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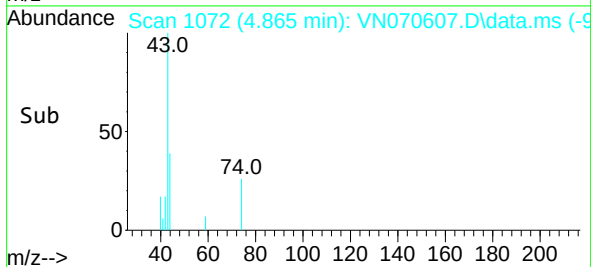
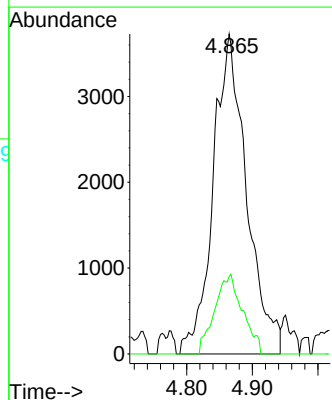
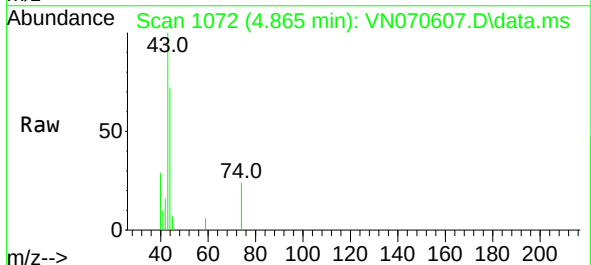
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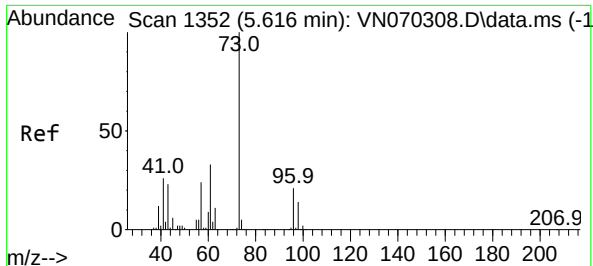
Tgt Ion: 43 Resp: 44564
Ion Ratio Lower Upper
43 100
58 31.2 23.1 34.7



#18
Methyl Acetate
Concen: 0.614 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 43 Resp: 13204
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 0.694 ug/l

RT: 5.624 min Scan# 11

Delta R.T. 0.008 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

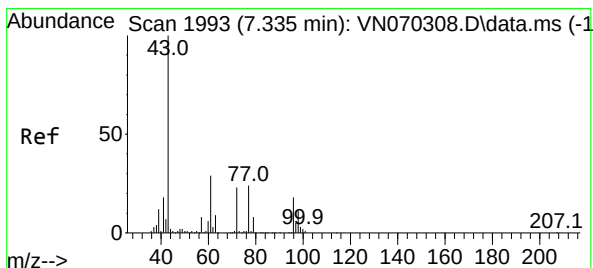
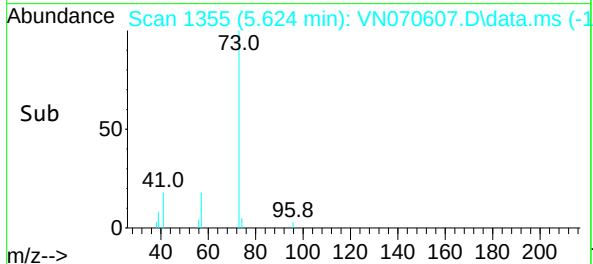
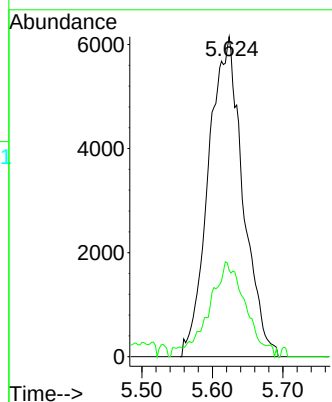
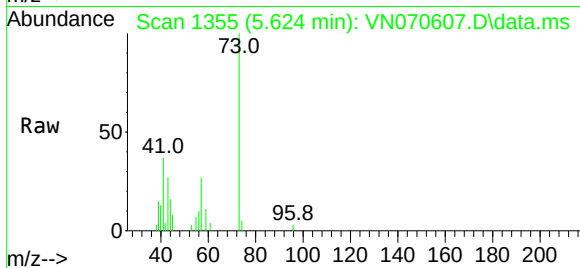
220112013-02-VOA

Tgt Ion: 73 Resp: 20904

Ion Ratio Lower Upper

73 100

57 27.0 16.8 25.2#



#25

2-Butanone

Concen: 6.039 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.014 min

Lab File: VN070607.D

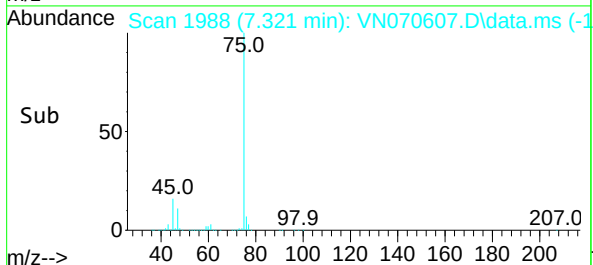
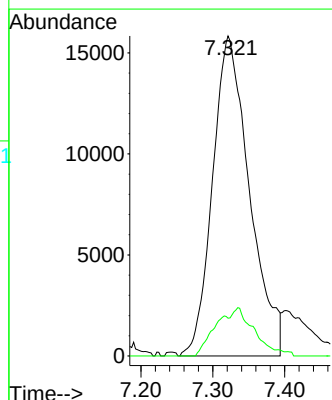
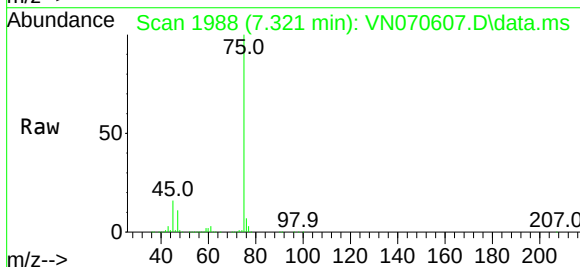
Acq: 13 Jan 2022 13:17

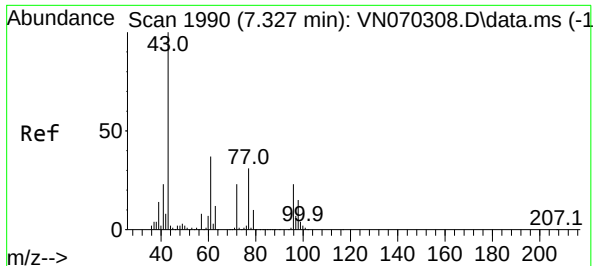
Tgt Ion: 43 Resp: 56494

Ion Ratio Lower Upper

43 100

72 11.8 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 3.543 ug/l

RT: 7.313 min Scan# 1985

Delta R.T. -0.014 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

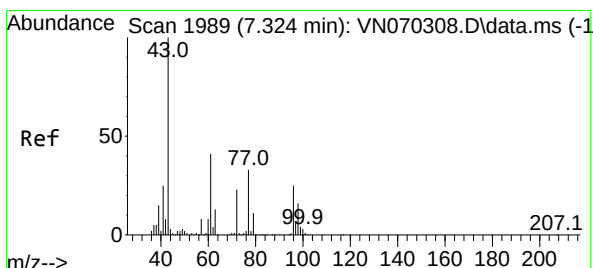
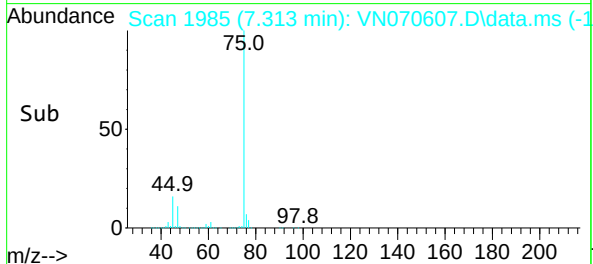
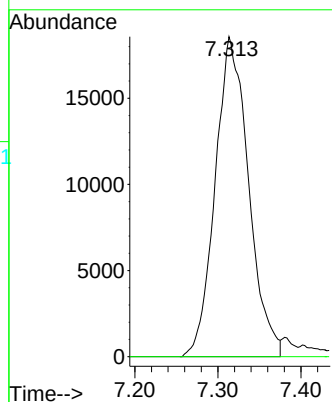
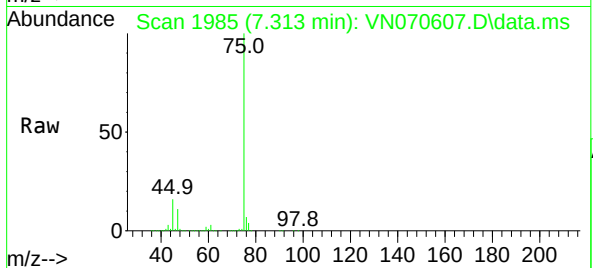
220112013-02-VOA

Tgt Ion: 77 Resp: 51888

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#27

cis-1,2-Dichloroethene

Concen: 0.339 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.005 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

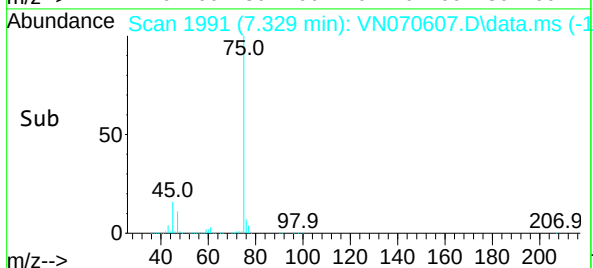
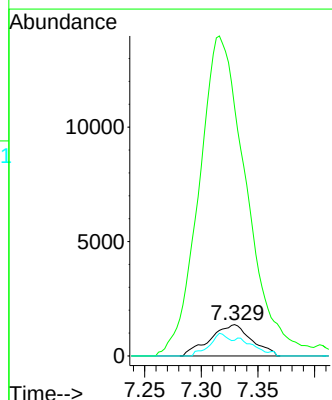
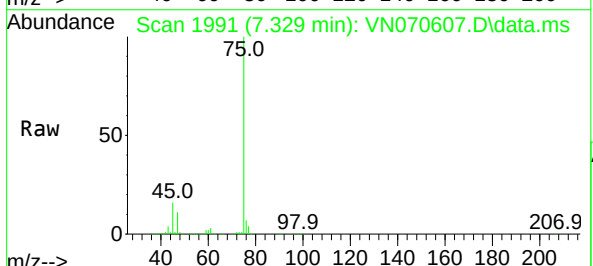
Tgt Ion: 96 Resp: 3477

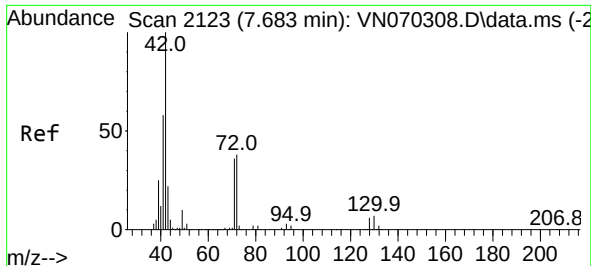
Ion Ratio Lower Upper

96 100

61 1167.8 0.0 275.0#

98 34.5 0.0 129.6





#29

Tetrahydrofuran

Concen: 208.296 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070607.D

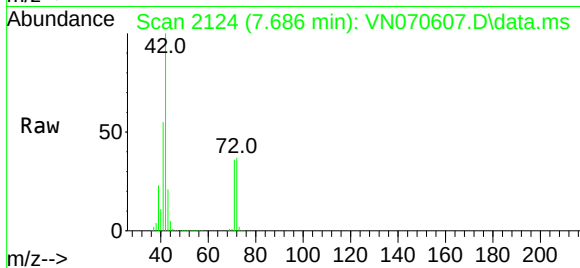
Acq: 13 Jan 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

220112013-02-VOA



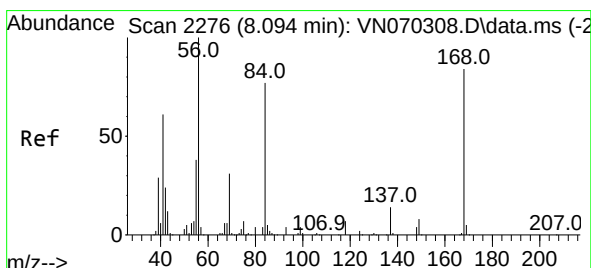
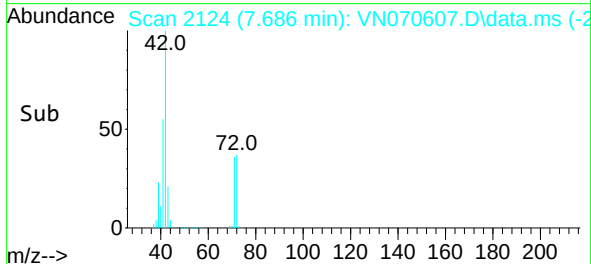
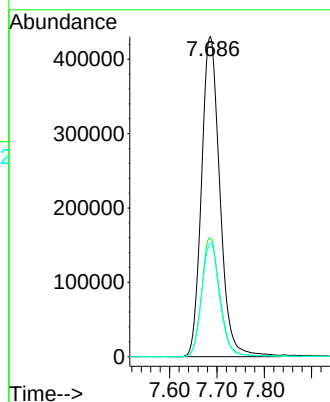
Tgt Ion: 42 Resp: 1162562

Ion Ratio Lower Upper

42 100

72 36.7 36.3 54.5

71 35.0 34.7 52.1



#31

Cyclohexane

Concen: 1.100 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

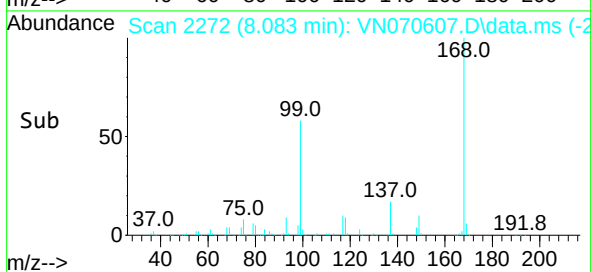
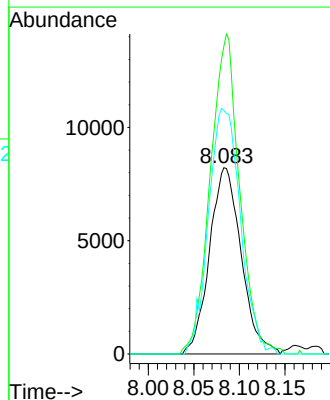
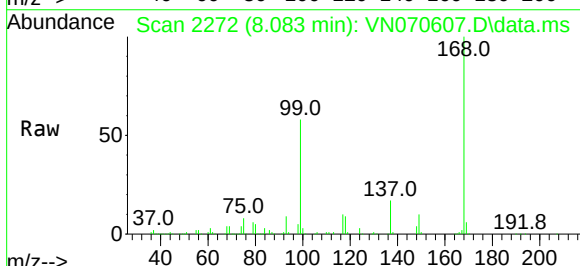
Tgt Ion: 56 Resp: 19868

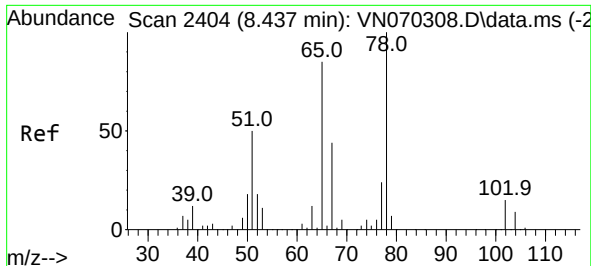
Ion Ratio Lower Upper

56 100

69 165.2 27.1 40.7#

84 130.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 54.866 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

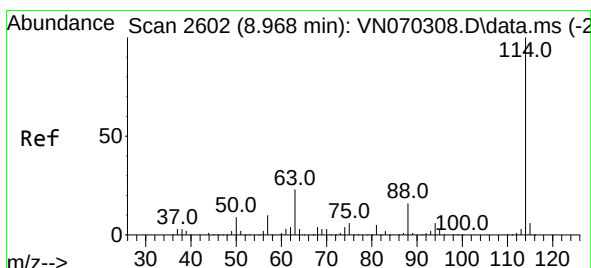
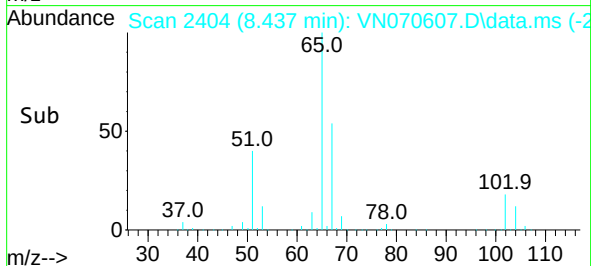
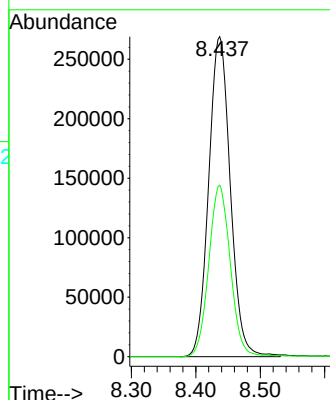
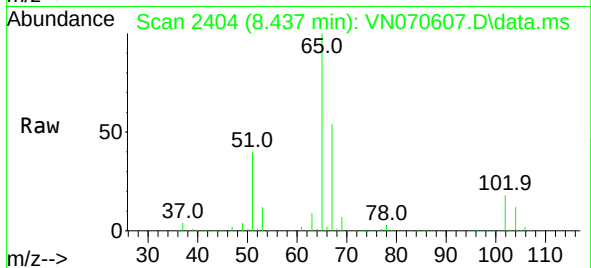
220112013-02-VOA

Tgt Ion: 65 Resp: 627937

Ion Ratio Lower Upper

65 100

67 53.1 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: VN070607.D

Acq: 13 Jan 2022 13:17

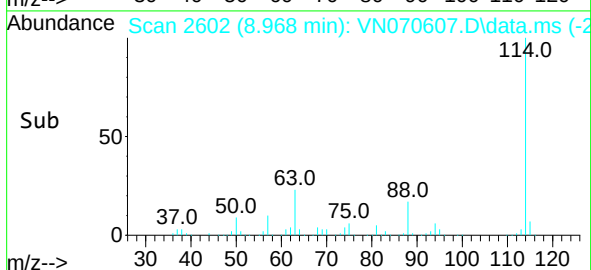
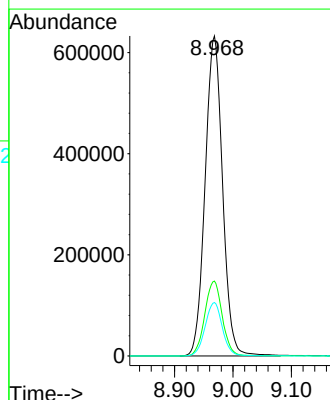
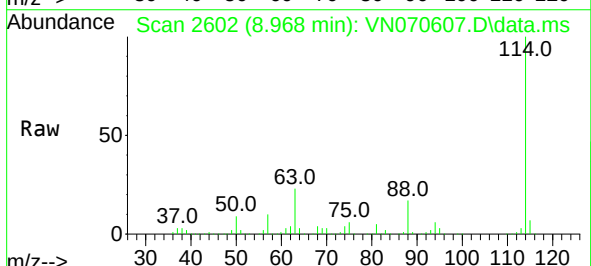
Tgt Ion: 114 Resp: 1312196

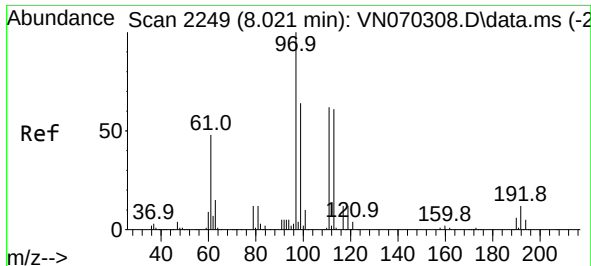
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.7 0.0 27.4

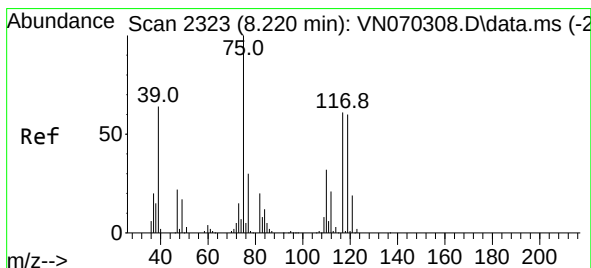
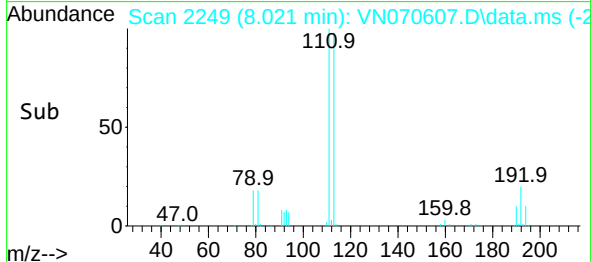
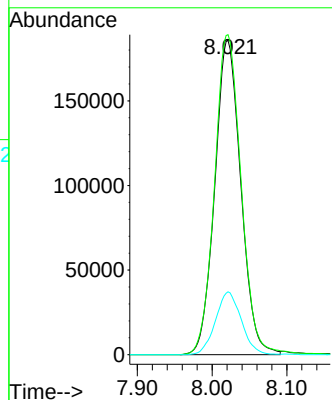
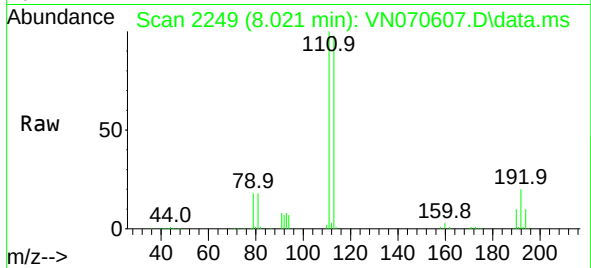




#35
 Dibromofluoromethane
 Concen: 56.631 ug/l
 RT: 8.021 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN070607.D
 Acq: 13 Jan 2022 13:17

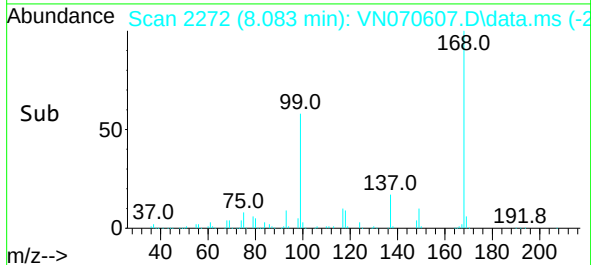
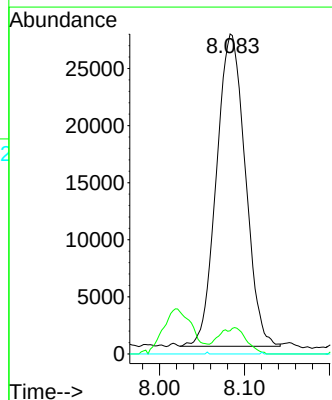
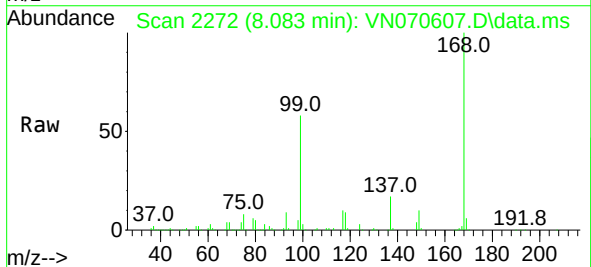
Instrument :
 MSVOA_N
 ClientSampleId :
 220112013-02-VOA

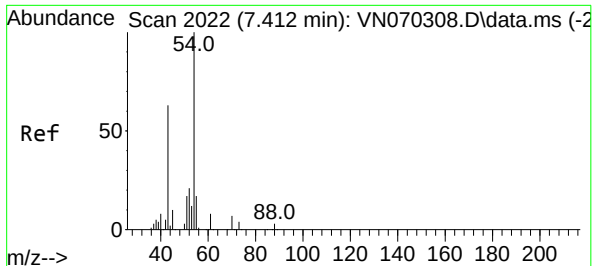
Tgt Ion:113 Resp: 449622
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.2
 192 19.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.901 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.137 min
 Lab File: VN070607.D
 Acq: 13 Jan 2022 13:17

Tgt Ion: 75 Resp: 64375
 Ion Ratio Lower Upper
 75 100
 110 1.6 18.4 55.2#
 77 0.0 24.4 36.6#

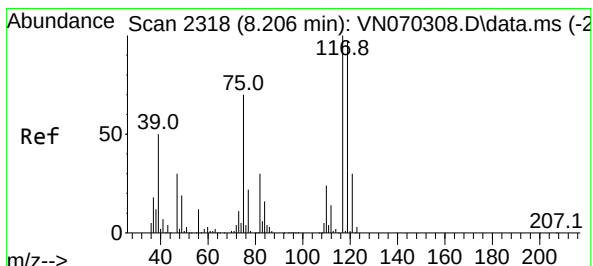
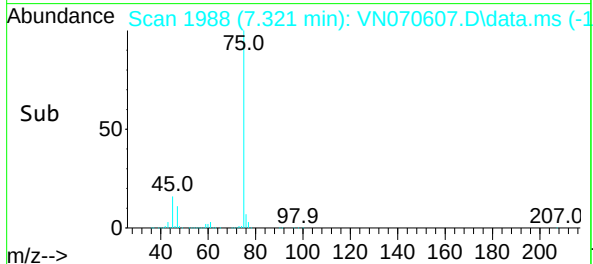
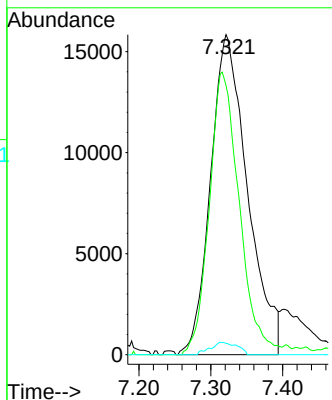
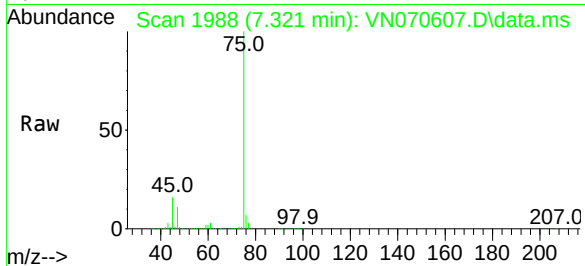




#37
Ethyl Acetate
Concen: 3.318 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.091 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

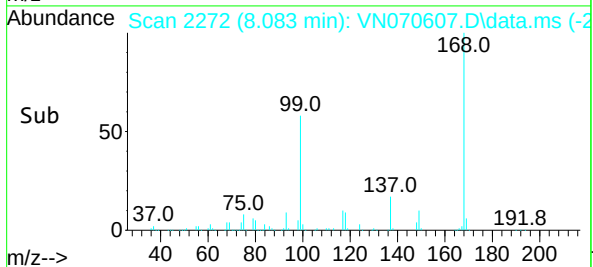
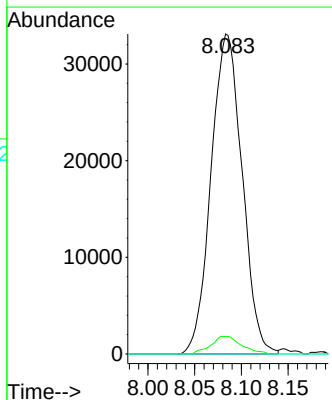
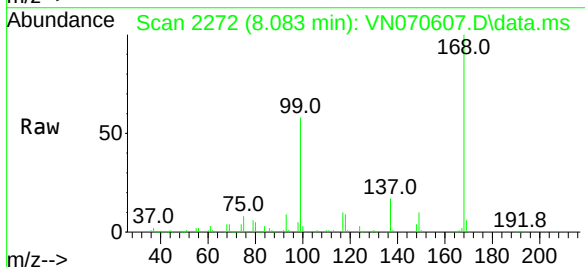
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

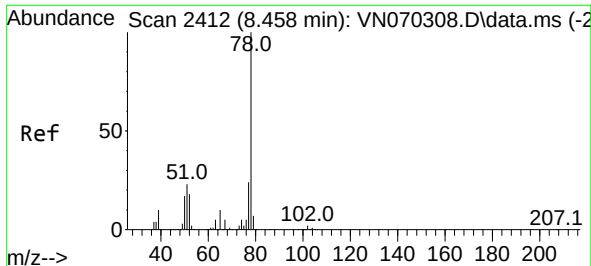
Tgt Ion: 43 Resp: 56494
Ion Ratio Lower Upper
43 100
61 71.9 11.5 17.3#
70 2.8 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 117 Resp: 76584
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#





#40

Benzene

Concen: 1.598 ug/l

RT: 8.461 min Scan# 2412

Delta R.T. 0.003 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

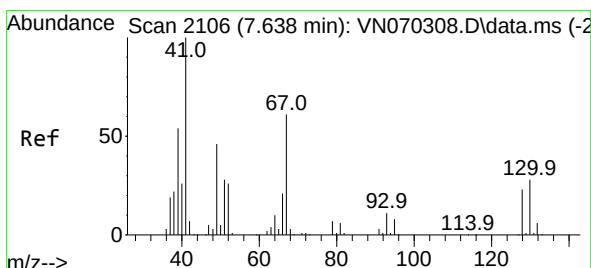
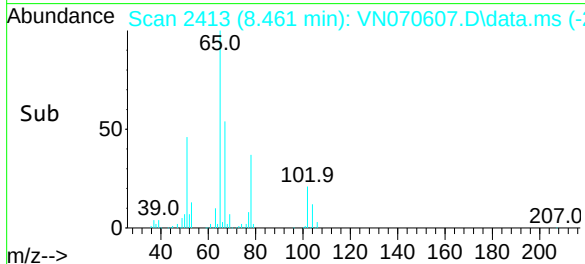
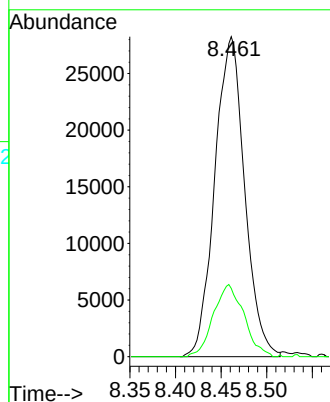
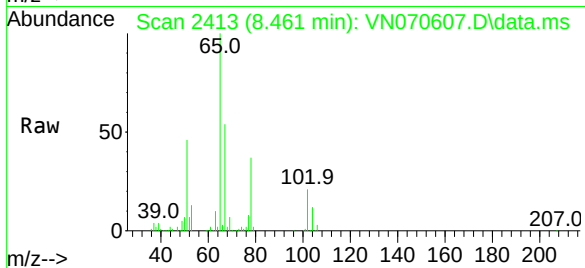
220112013-02-VOA

Tgt Ion: 78 Resp: 64329

Ion Ratio Lower Upper

78 100

77 21.4 18.6 27.8



#41

Methacrylonitrile

Concen: 73.822 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.045 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

Tgt Ion: 41 Resp: 628613

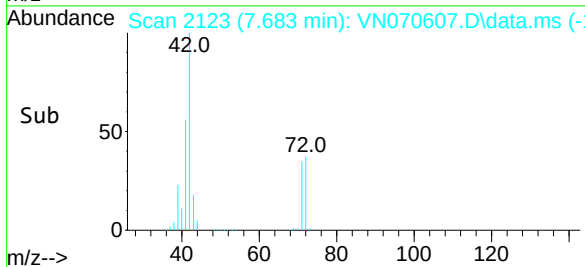
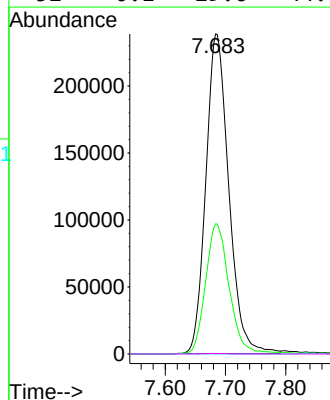
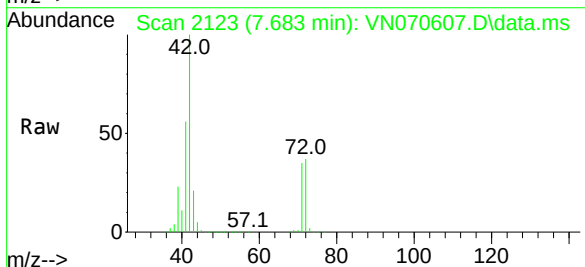
Ion Ratio Lower Upper

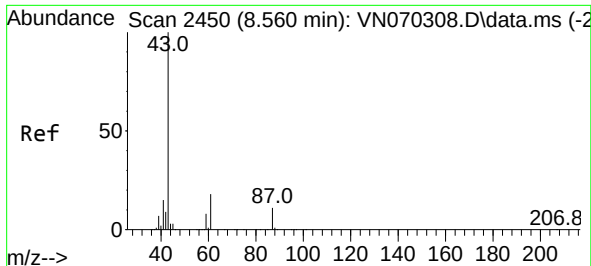
41 100

39 42.2 48.1 72.1#

67 0.0 68.3 102.5#

52 0.1 29.6 44.4#

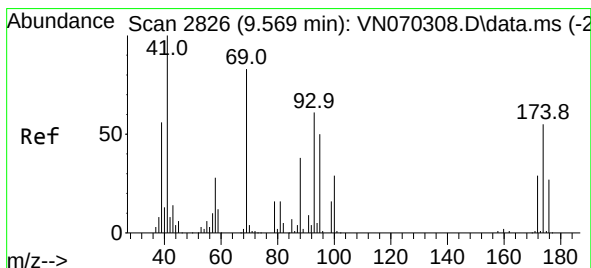
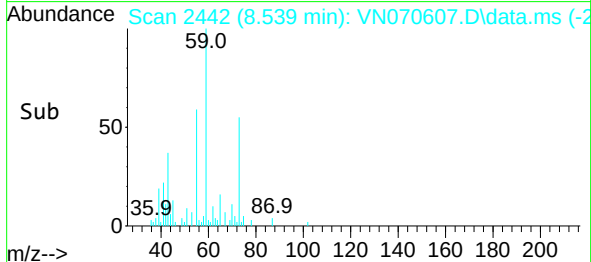
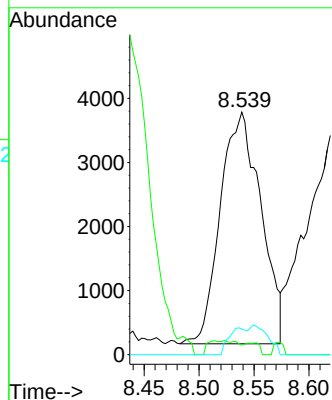
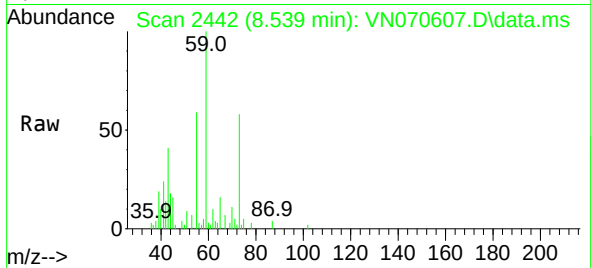




#43
Isopropyl Acetate
Concen: 0.346 ug/l
RT: 8.539 min Scan# 2450
Delta R.T. -0.021 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

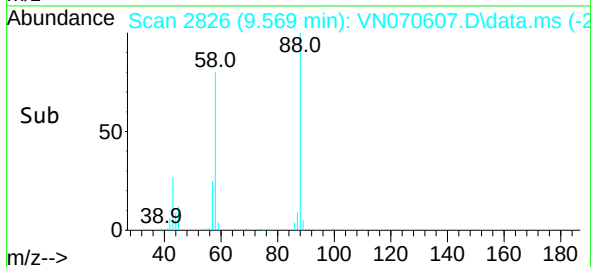
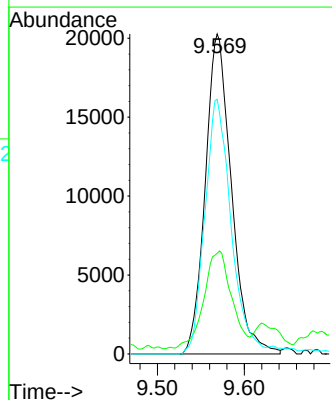
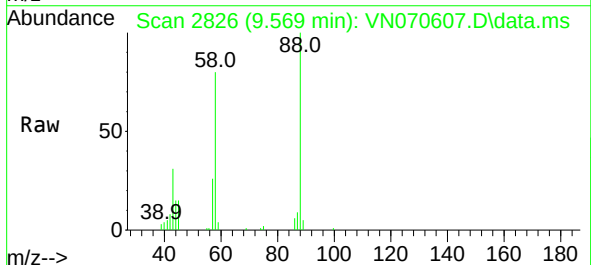
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

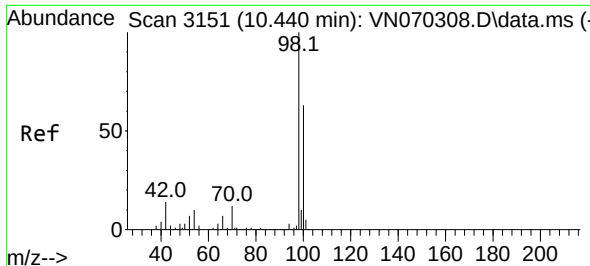
Tgt Ion: 43 Resp: 9283
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 5.3 11.2 16.8#



#49
1,4-Dioxane
Concen: 226.198 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 88 Resp: 42392
Ion Ratio Lower Upper
88 100
43 31.9 23.4 35.2
58 79.5 50.6 75.8#

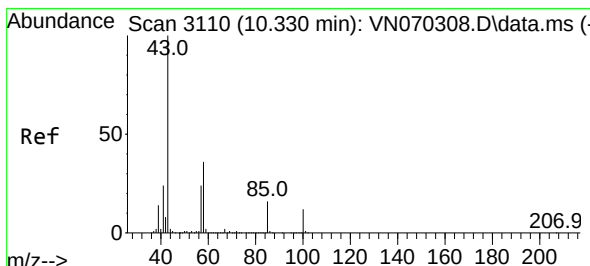
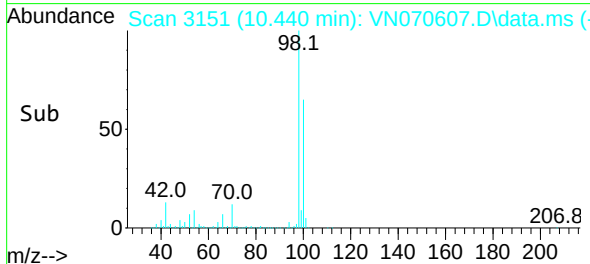
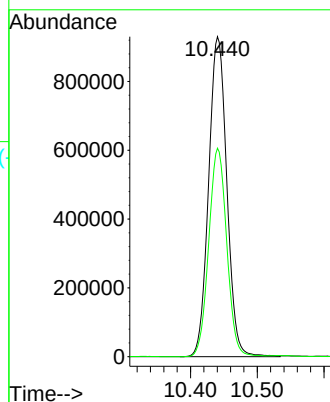
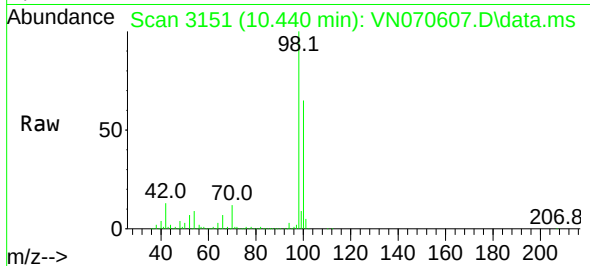




#50
Toluene-d8
Concen: 54.295 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

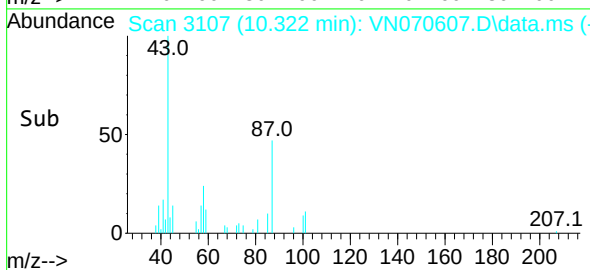
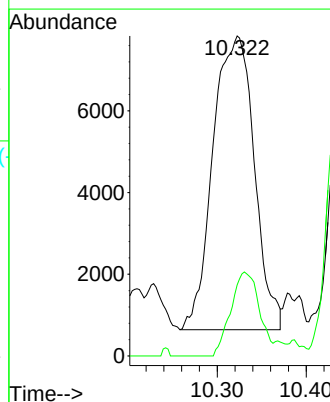
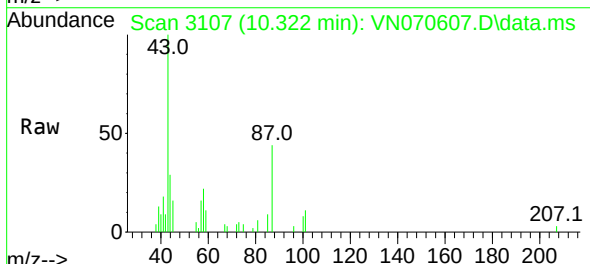
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

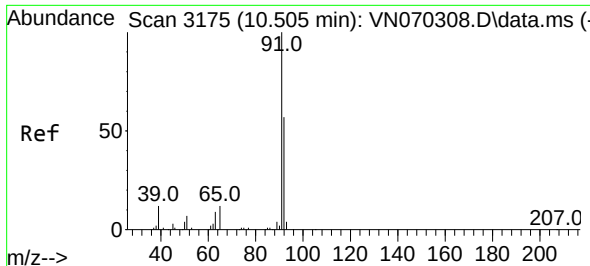
Tgt Ion: 98 Resp: 1760970
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.373 ug/l
RT: 10.322 min Scan# 3107
Delta R.T. -0.008 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 43 Resp: 23162
Ion Ratio Lower Upper
43 100
58 19.7 30.4 45.6#

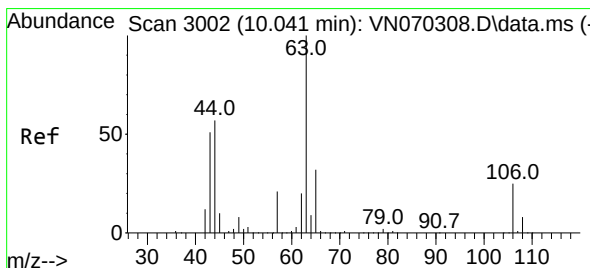
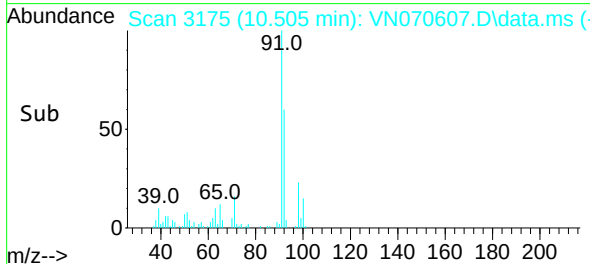
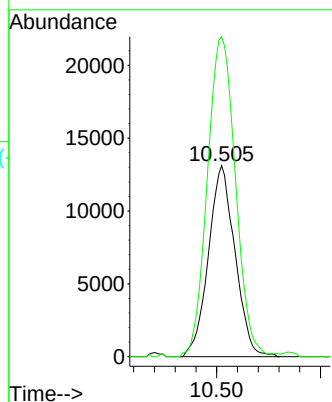
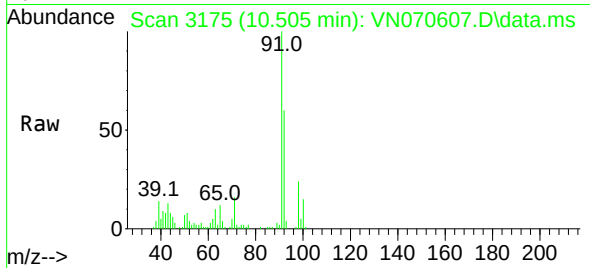




#52
Toluene
Concen: 0.957 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

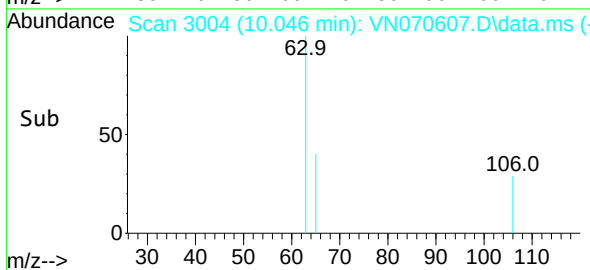
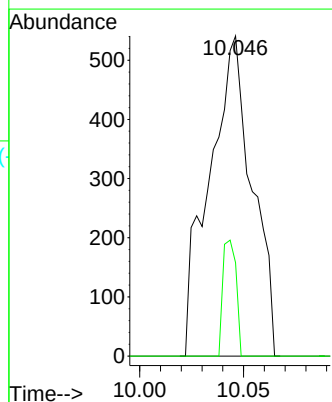
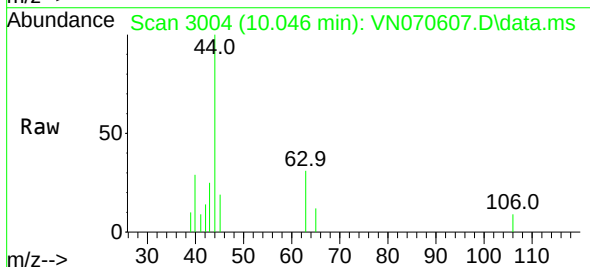
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

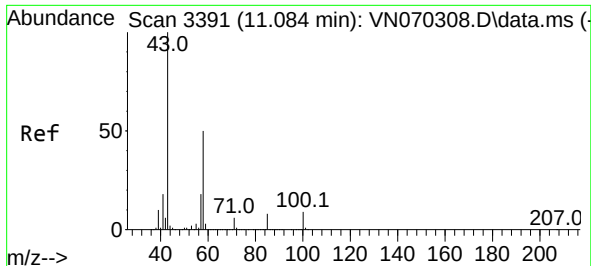
Tgt Ion: 92 Resp: 23326
Ion Ratio Lower Upper
92 100
91 177.0 142.0 213.0



#58
2-Chloroethyl Vinyl ether
Concen: 18.689 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 63 Resp: 774
Ion Ratio Lower Upper
63 100
106 11.2 23.9 35.9#

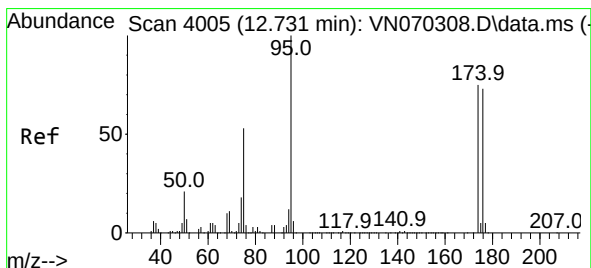
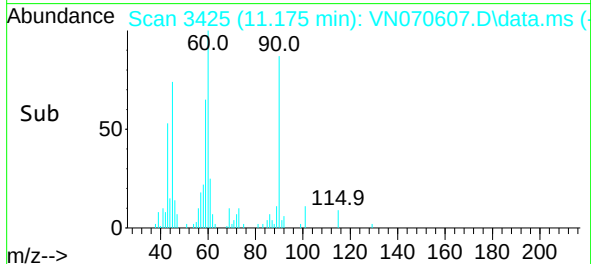
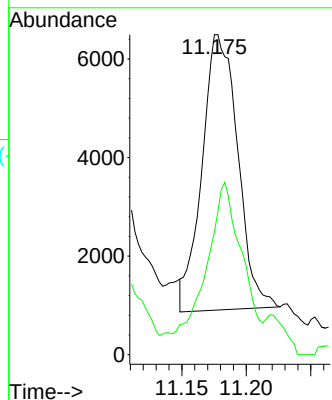
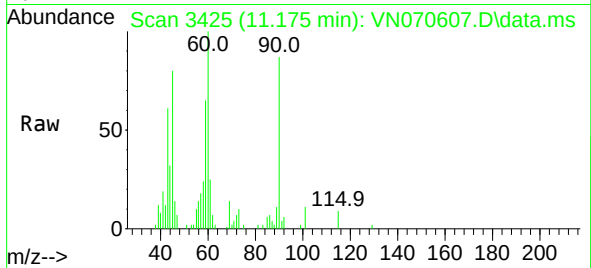




#59
2-Hexanone
Concen: 0.875 ug/l
RT: 11.175 min Scan# 34
Delta R.T. 0.091 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

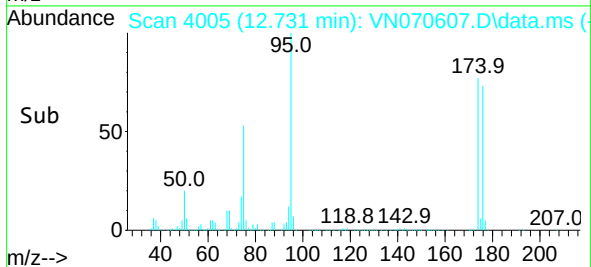
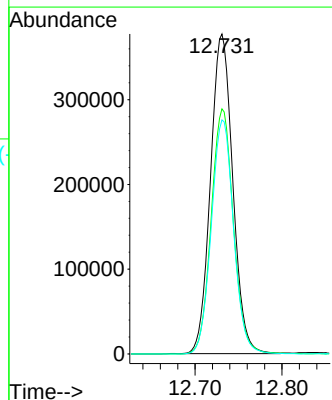
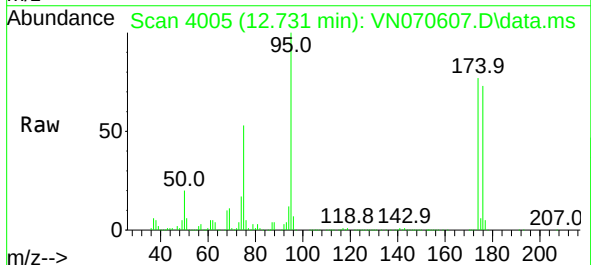
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

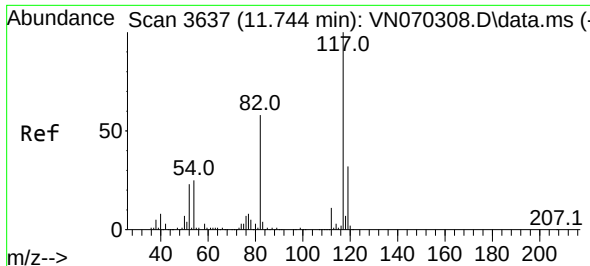
Tgt Ion: 43 Resp: 10760
Ion Ratio Lower Upper
43 100
58 50.3 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 57.237 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 95 Resp: 670494
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 73.3 0.0 181.4

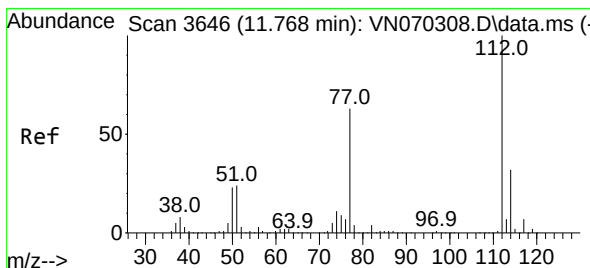
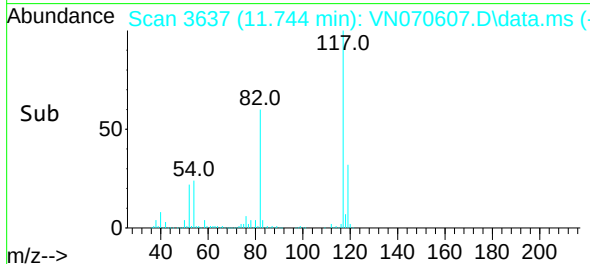
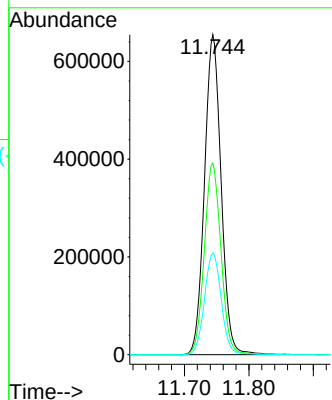
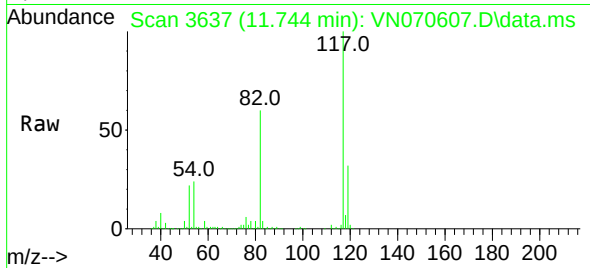




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

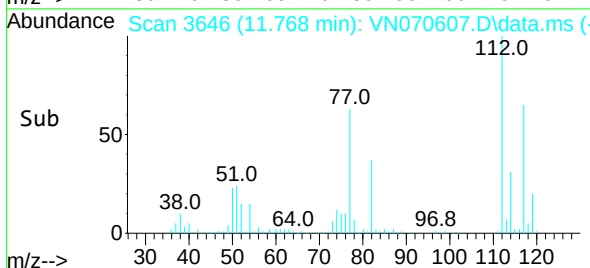
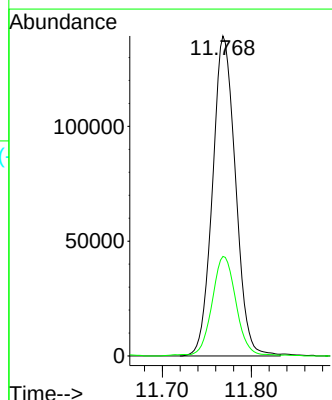
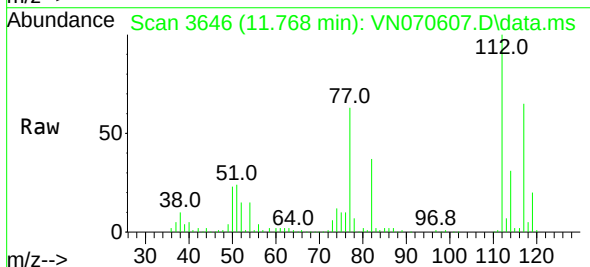
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

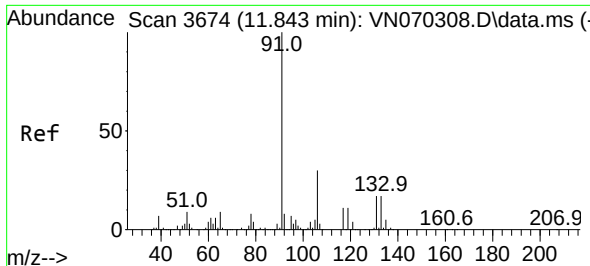
Tgt Ion:117 Resp: 1173992
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.9 25.4 38.2



#65
Chlorobenzene
Concen: 10.039 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion:112 Resp: 250078
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.0

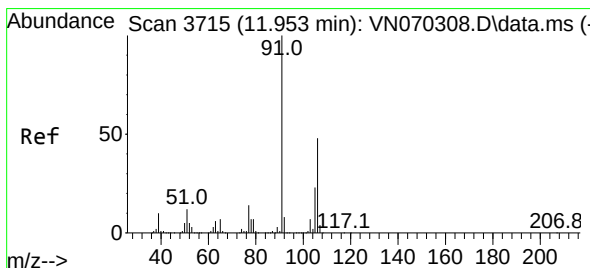
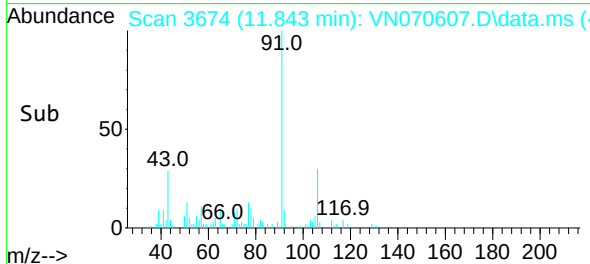
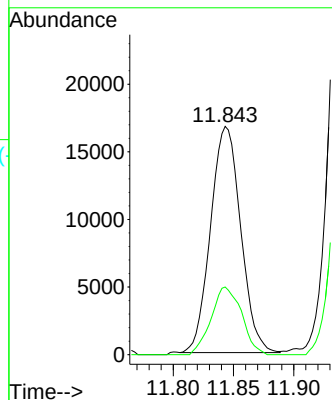
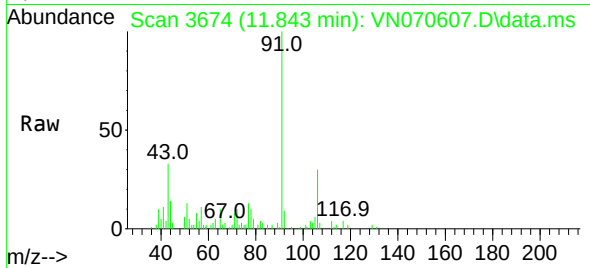




#67
Ethyl Benzene
Concen: 0.638 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

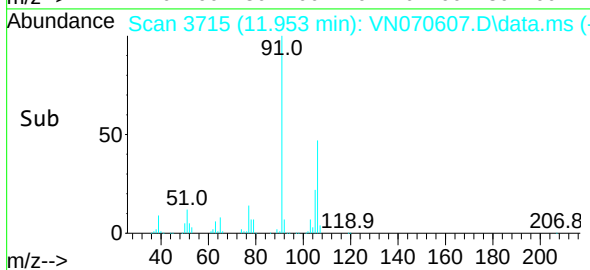
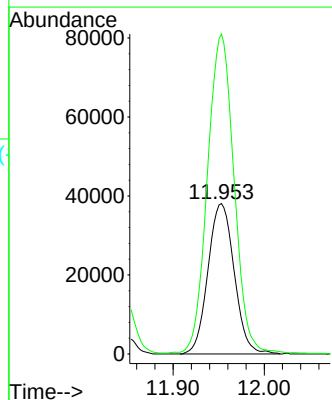
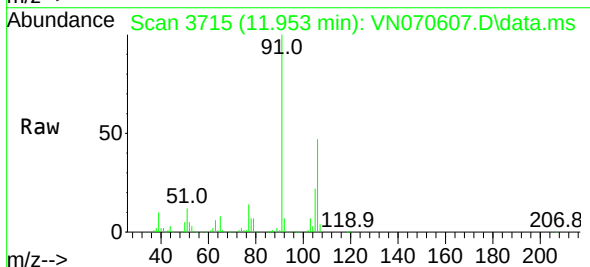
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

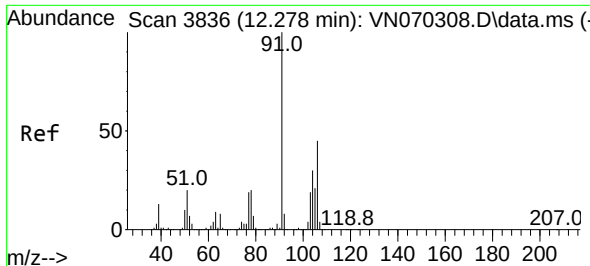
Tgt Ion: 91 Resp: 29133
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5



#68
m/p-Xylenes
Concen: 4.583 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 106 Resp: 76132
Ion Ratio Lower Upper
106 100
91 214.9 160.6 240.8

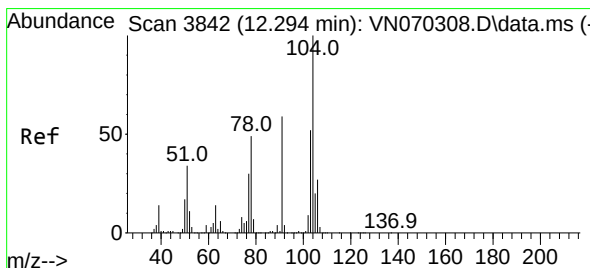
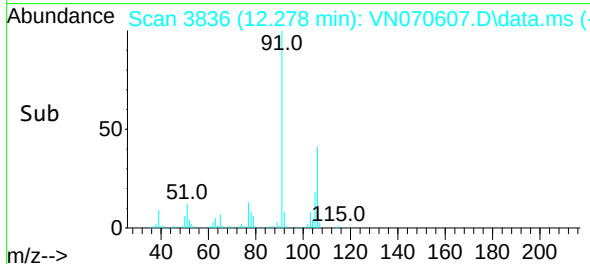
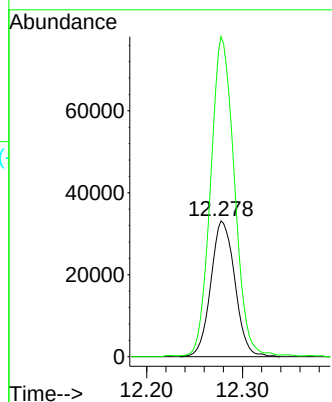
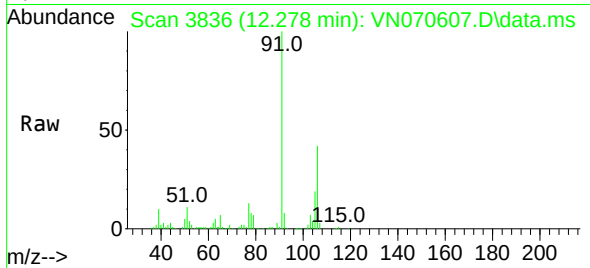




#69
o-Xylene
Concen: 3.489 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

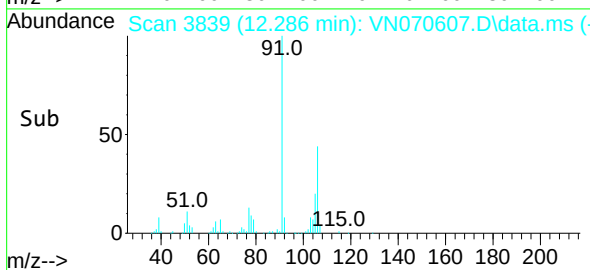
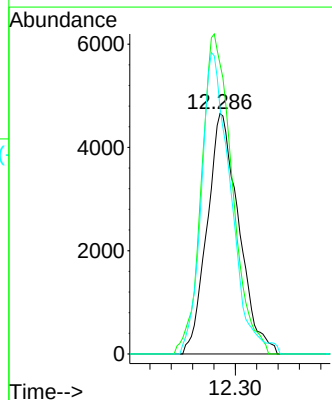
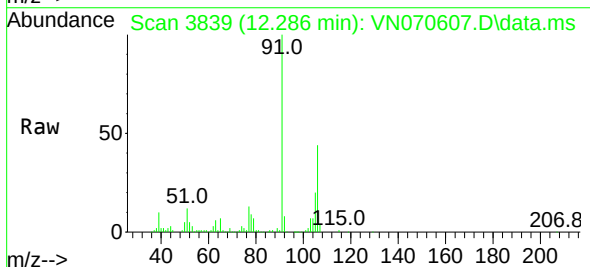
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

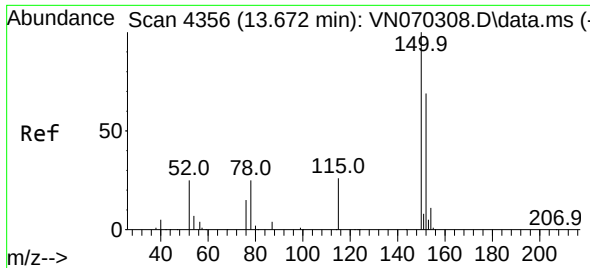
Tgt Ion:106 Resp: 57659
Ion Ratio Lower Upper
106 100
91 231.9 105.8 317.3



#70
Styrene
Concen: 0.366 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.008 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion:104 Resp: 9573
Ion Ratio Lower Upper
104 100
78 128.9 38.7 58.1#
103 116.0 45.0 67.6#

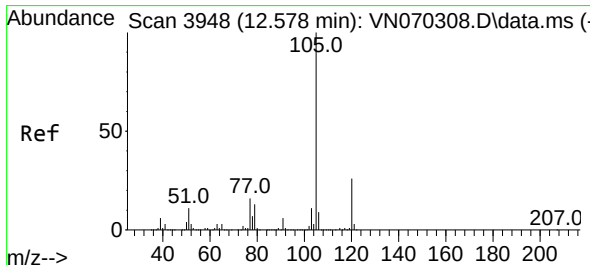
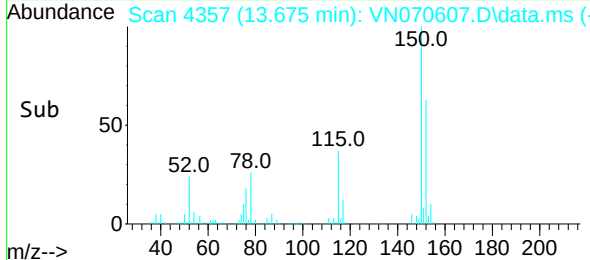
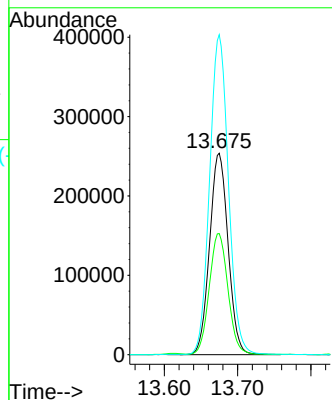
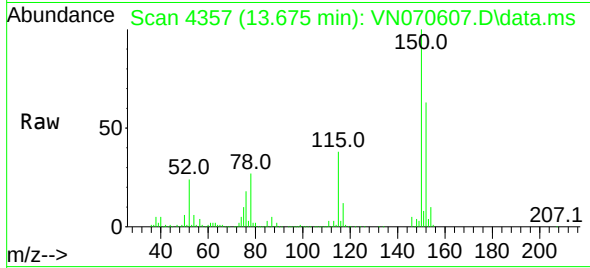




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

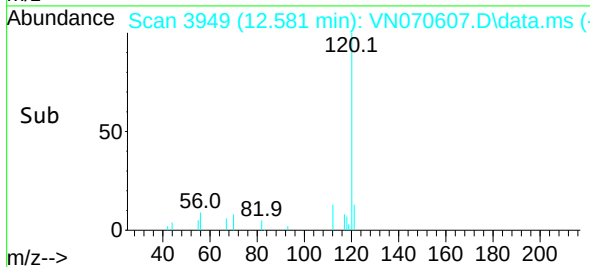
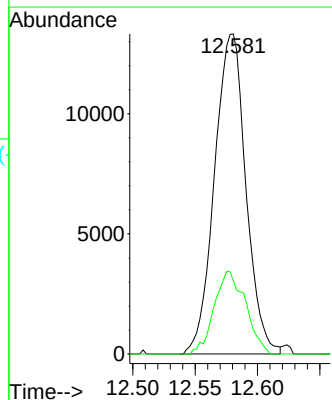
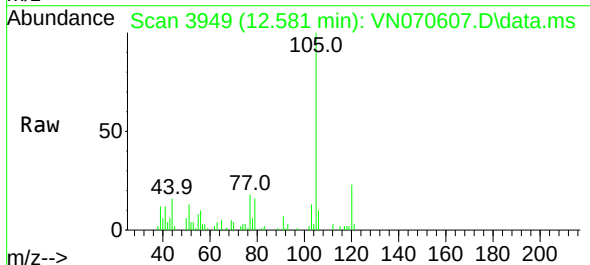
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

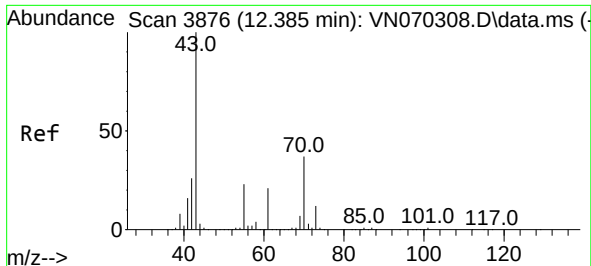
Tgt Ion:152 Resp: 446107
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 160.8 0.0 344.4



#73
Isopropylbenzene
Concen: 0.564 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion:105 Resp: 23379
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

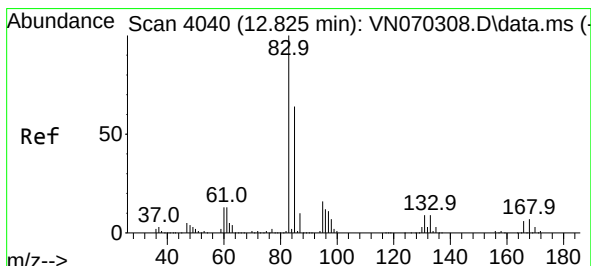
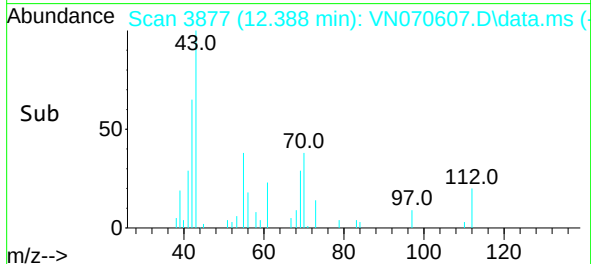
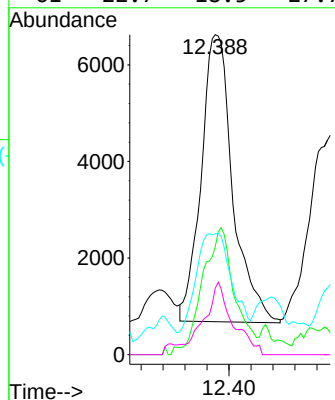
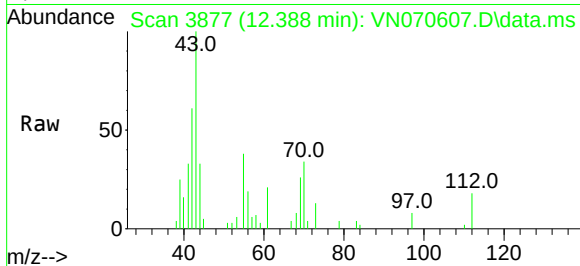




#74
N-amy1 acetate
Concen: 0.681 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

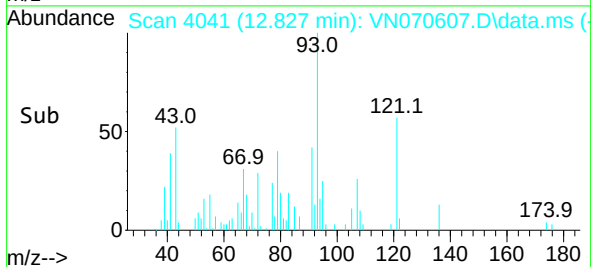
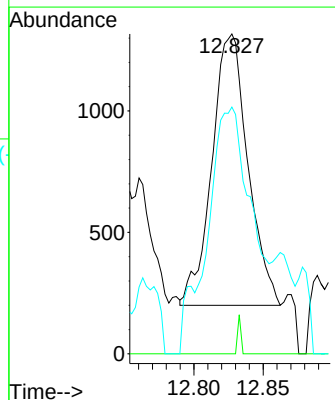
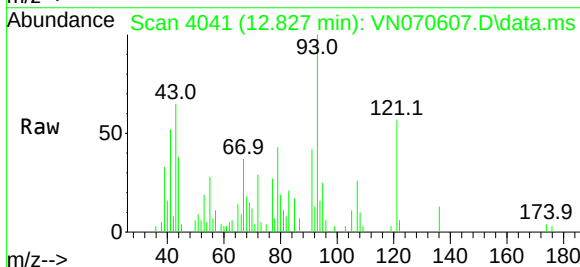
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

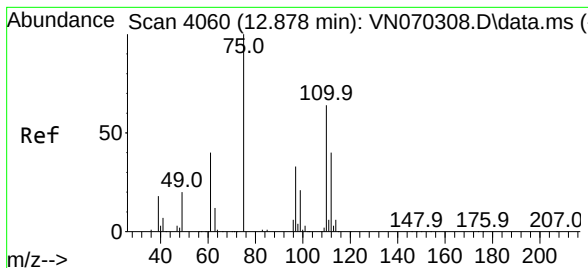
Tgt Ion: 43	Resp: 11854
Ion Ratio	Lower Upper
43 100	
70 45.1	33.4 50.0
55 38.3	19.3 28.9#
61 22.7	18.5 27.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.580 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.002 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 83	Resp: 2024
Ion Ratio	Lower Upper
83 100	
131 1.3	5.5 16.5#
85 112.6	32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 27.715 ug/l

RT: 12.731 min Scan# 4060

Delta R.T. -0.147 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

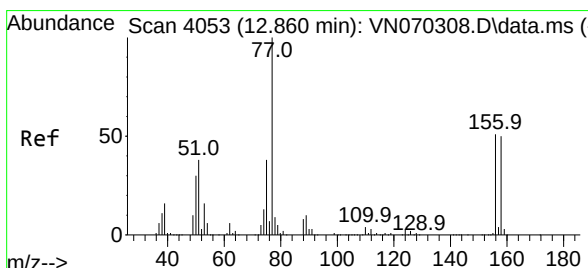
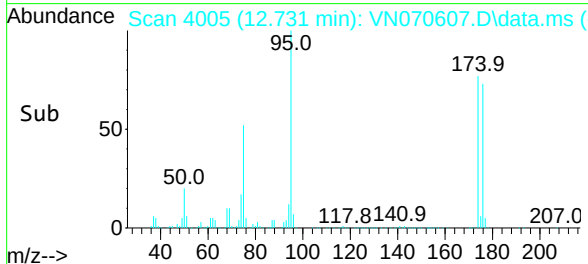
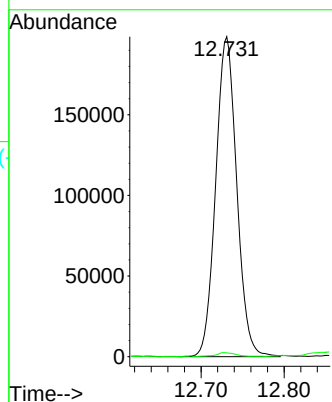
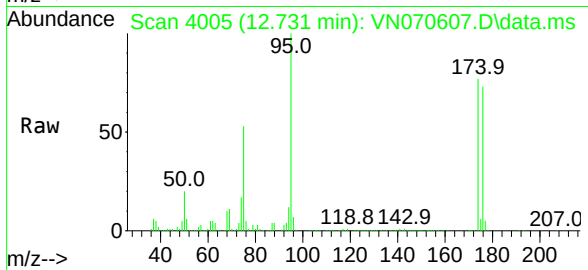
220112013-02-VOA

Tgt Ion: 75 Resp: 349010

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#



#77

Bromobenzene

Concen: 0.224 ug/l

RT: 12.860 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VN070607.D

Acq: 13 Jan 2022 13:17

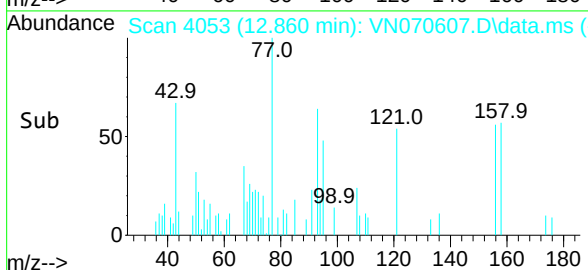
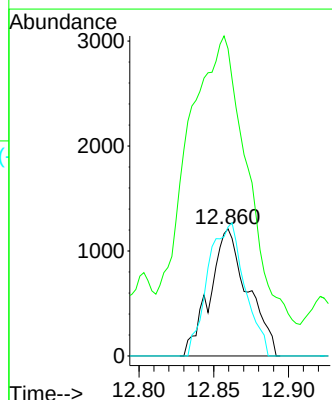
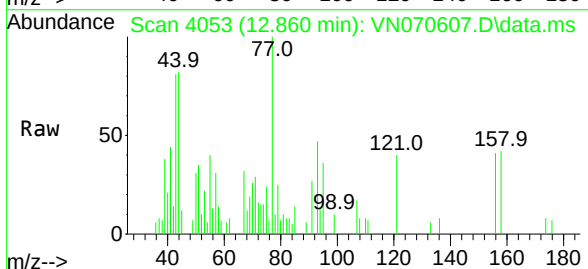
Tgt Ion:156 Resp: 2135

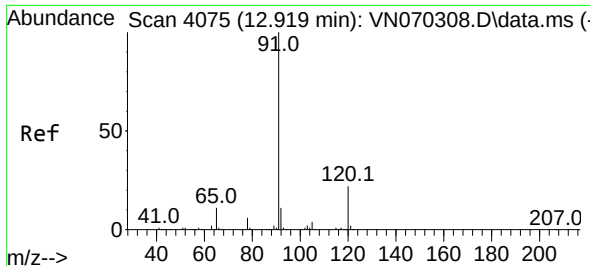
Ion Ratio Lower Upper

156 100

77 399.2 90.6 271.8#

158 101.4 48.9 146.7

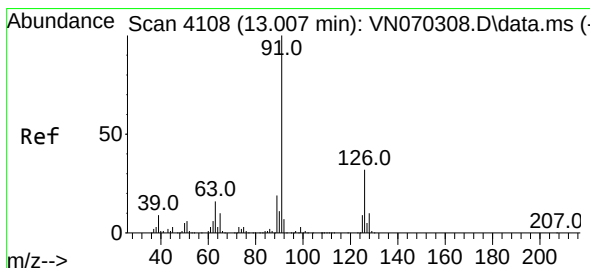
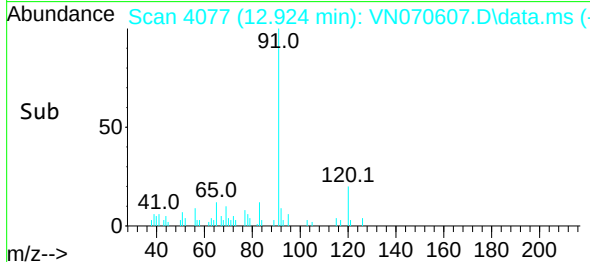
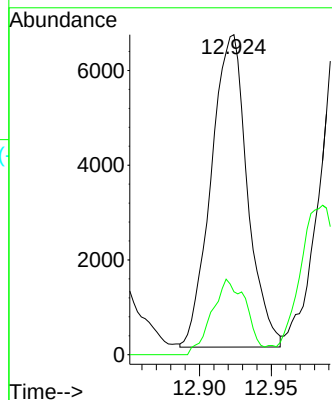
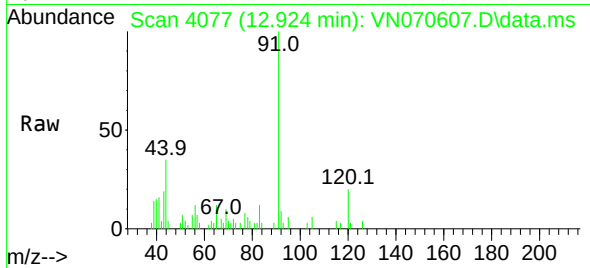




#78
n-propylbenzene
Concen: 0.252 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.005 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

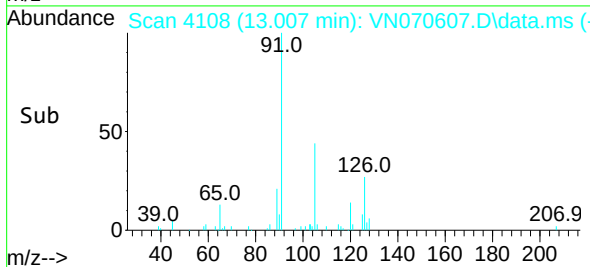
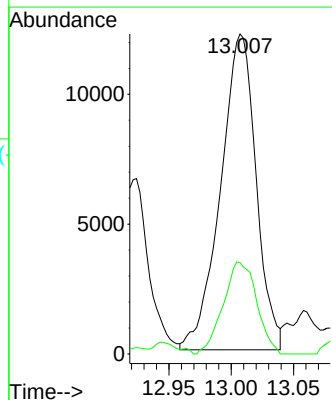
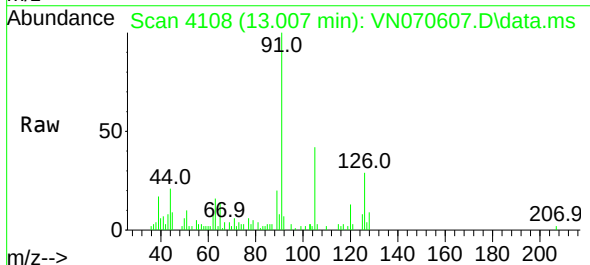
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

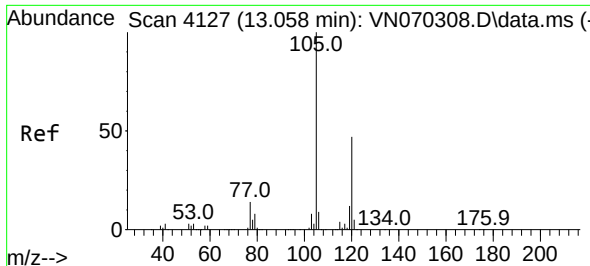
Tgt Ion: 91 Resp: 11577
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.819 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 91 Resp: 24135
Ion Ratio Lower Upper
91 100
126 27.4 18.3 54.8

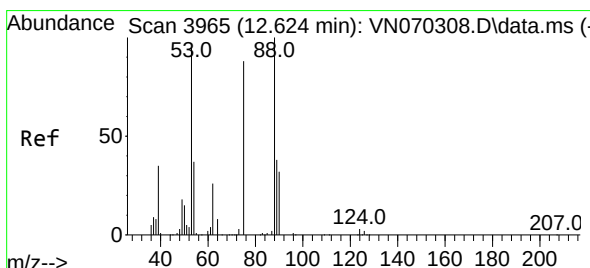
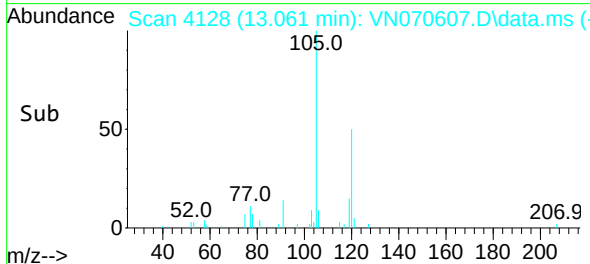
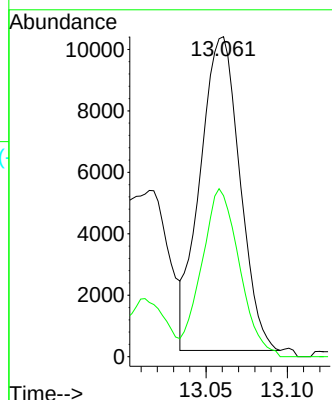
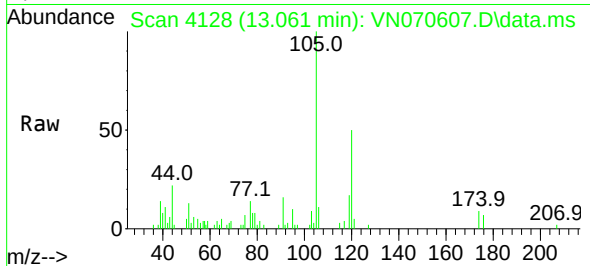




#80
1,3,5-Trimethylbenzene
Concen: 0.524 ug/l
RT: 13.061 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

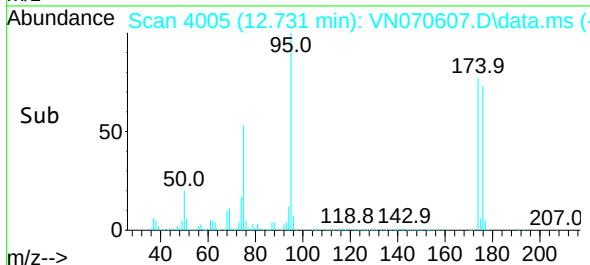
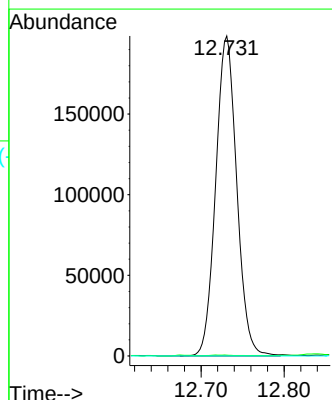
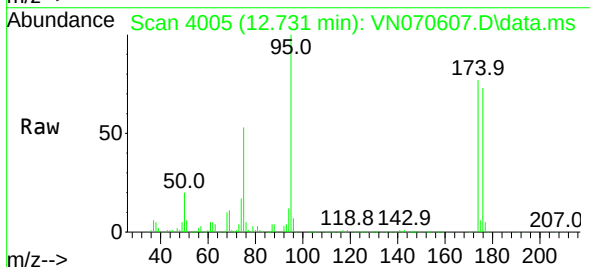
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

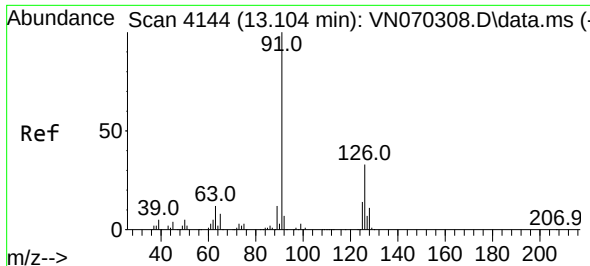
Tgt Ion:105 Resp: 17412
Ion Ratio Lower Upper
105 100
120 50.8 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 95.585 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 75 Resp: 349010
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

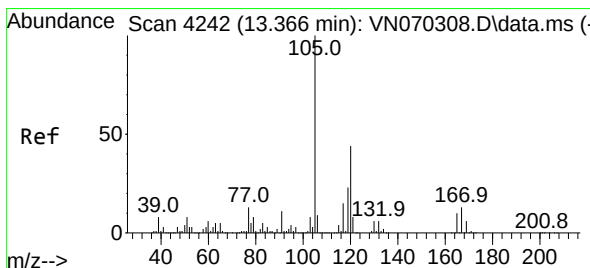
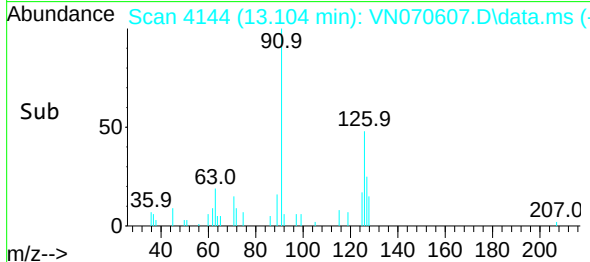
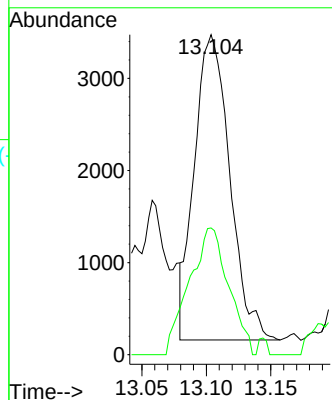
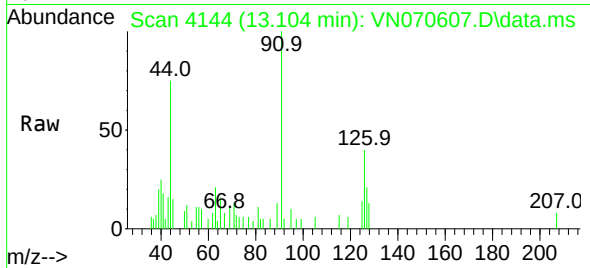




#82
4-Chlorotoluene
Concen: 0.229 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

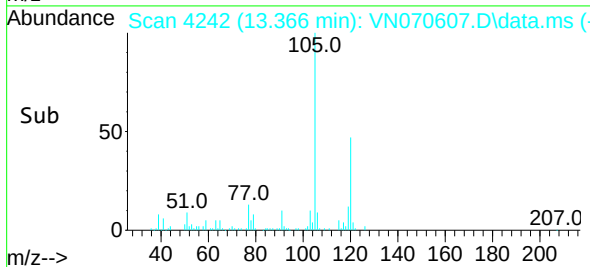
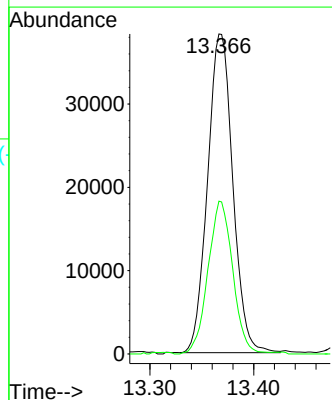
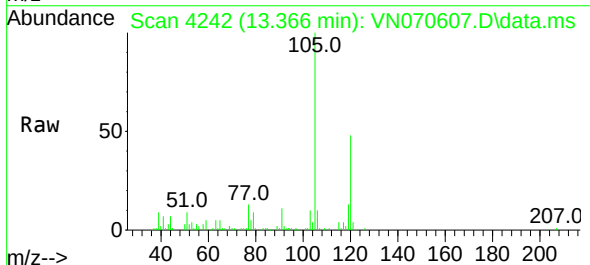
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

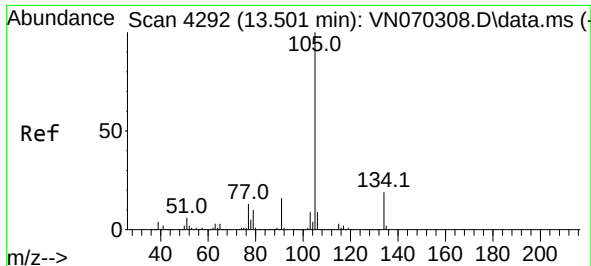
Tgt Ion: 91 Resp: 6328
Ion Ratio Lower Upper
91 100
126 46.1 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 2.021 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 105 Resp: 64622
Ion Ratio Lower Upper
105 100
120 47.0 22.8 68.4

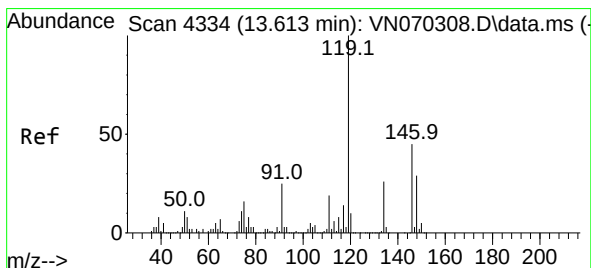
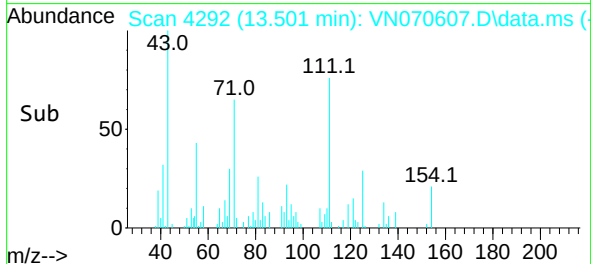
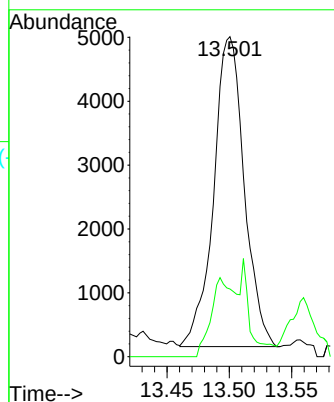
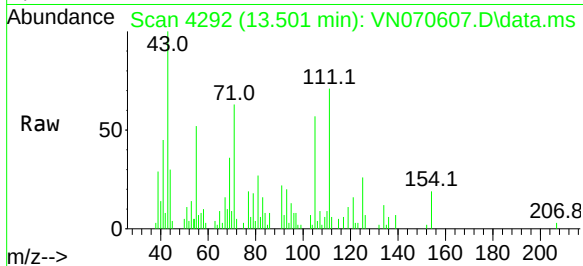




#85
 sec-Butylbenzene
 Concen: 0.209 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070607.D
 Acq: 13 Jan 2022 13:17

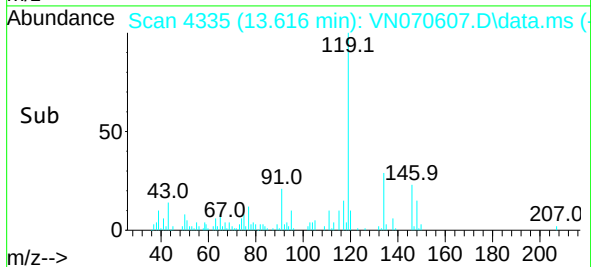
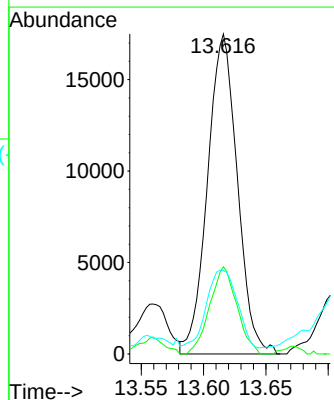
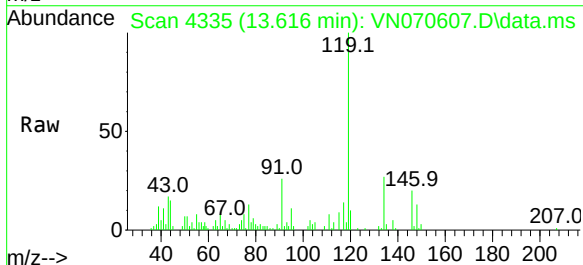
Instrument :
 MSVOA_N
 ClientSampleId :
 220112013-02-VOA

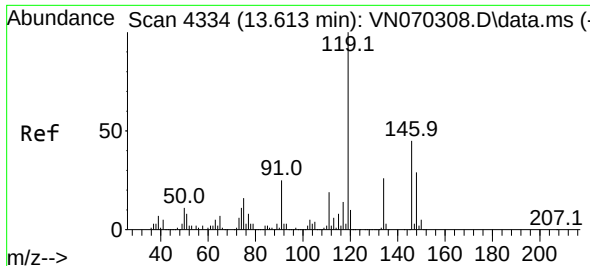
Tgt Ion:105 Resp: 8303
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.932 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070607.D
 Acq: 13 Jan 2022 13:17

Tgt Ion:119 Resp: 29069
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.6 40.7
 91 24.7 11.4 34.1

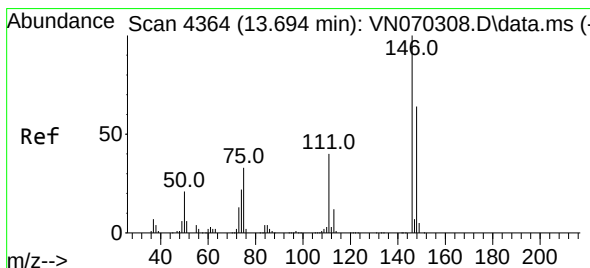
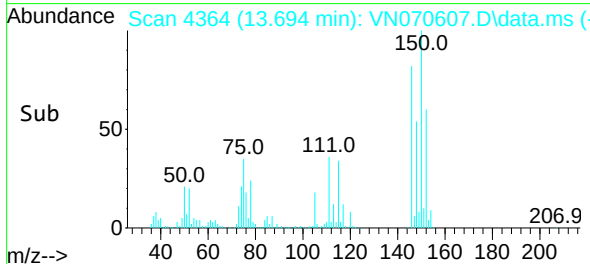
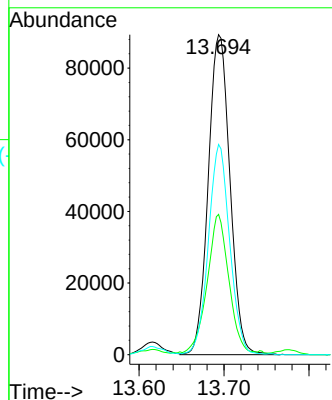
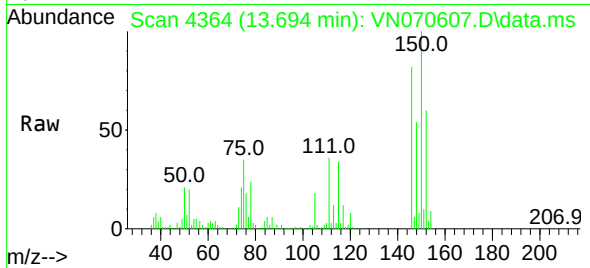




#87
1,3-Dichlorobenzene
Concen: 9.947 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.081 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

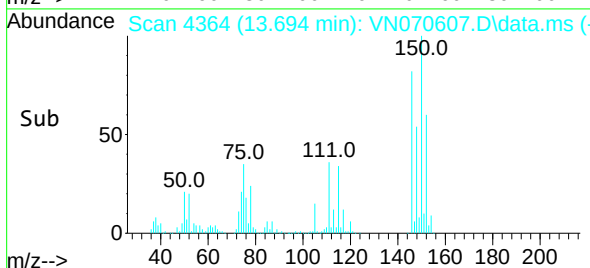
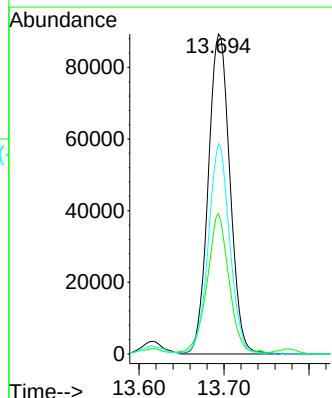
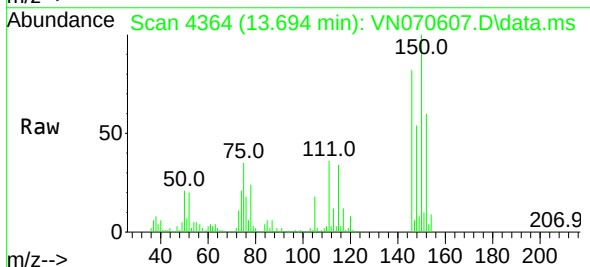
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

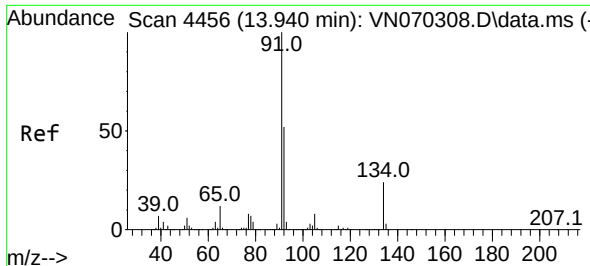
Tgt Ion:146 Resp: 158377
Ion Ratio Lower Upper
146 100
111 43.1 18.6 55.6
148 64.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 10.084 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion:146 Resp: 158377
Ion Ratio Lower Upper
146 100
111 43.1 18.3 54.8
148 64.3 31.8 95.4

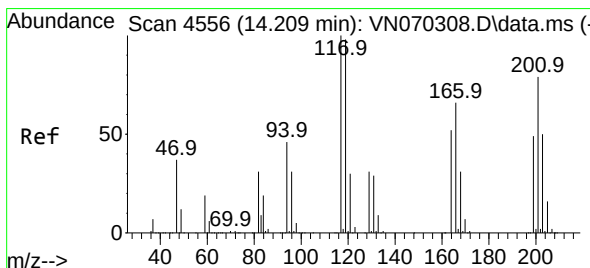
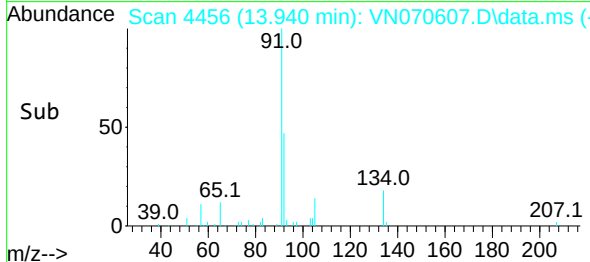
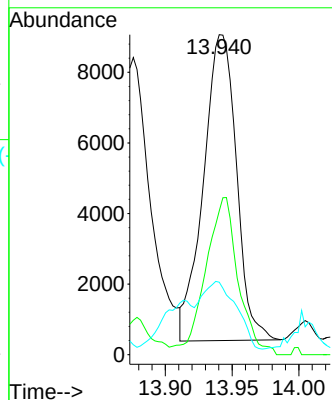
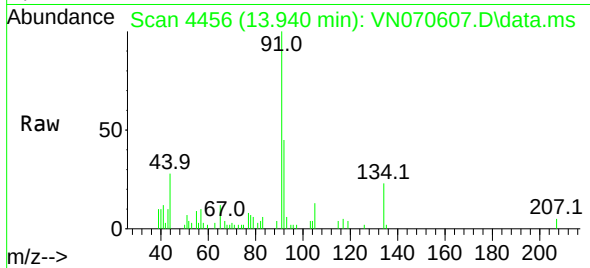




#89
n-Butylbenzene
Concen: 0.573 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

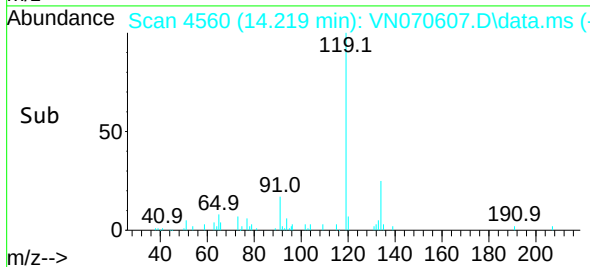
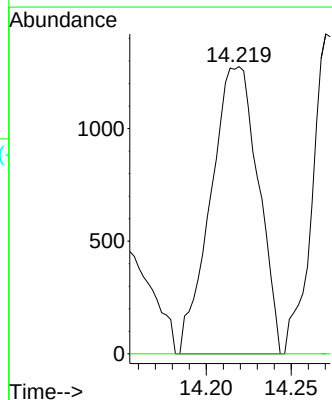
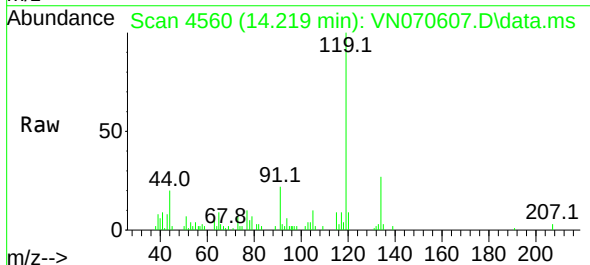
Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

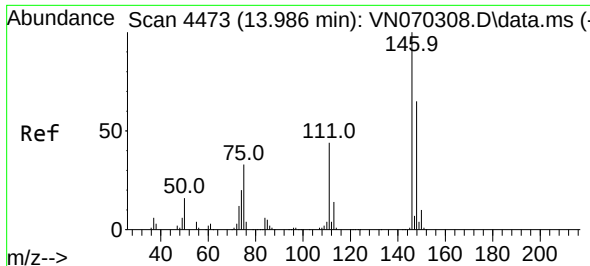
Tgt Ion: 91	Resp:	14912
Ion Ratio	Lower	Upper
91	100	
92	50.5	25.4 76.0
134	23.5	13.6 40.8



#90
Hexachloroethane
Concen: 0.458 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.010 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

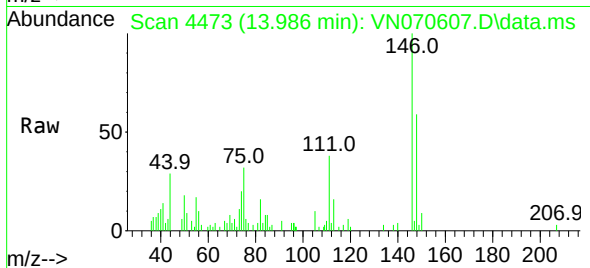
Tgt Ion: 117	Resp:	2480
Ion Ratio	Lower	Upper
117	100	
201	0.0	43.9 131.6#



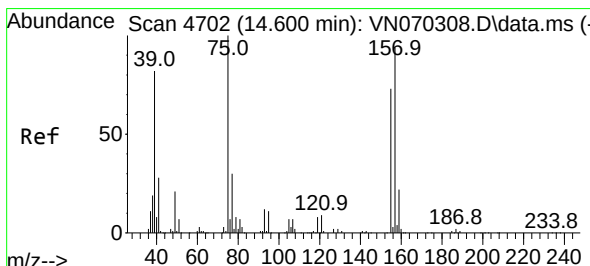
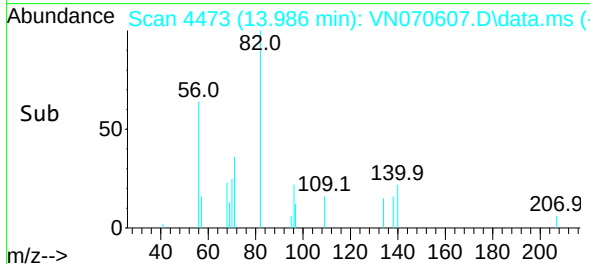
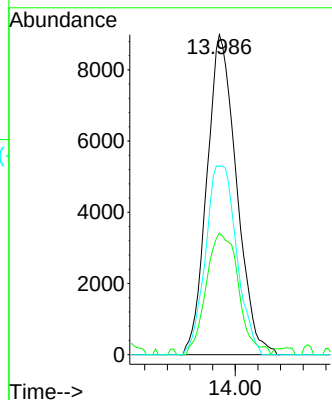


#91
1,2-Dichlorobenzene
Concen: 1.045 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

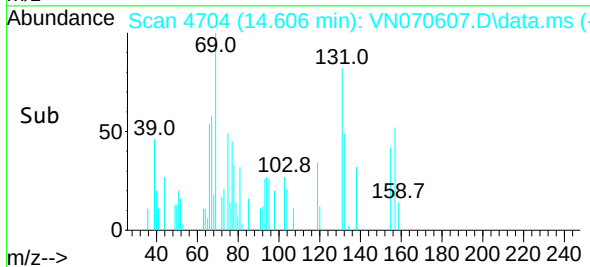
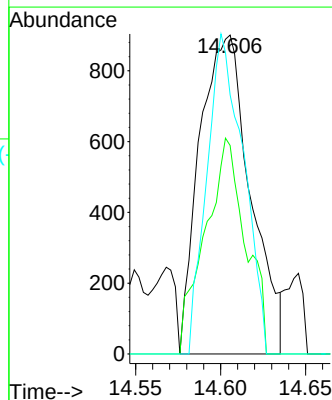
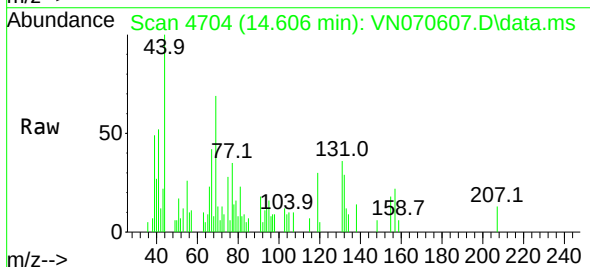


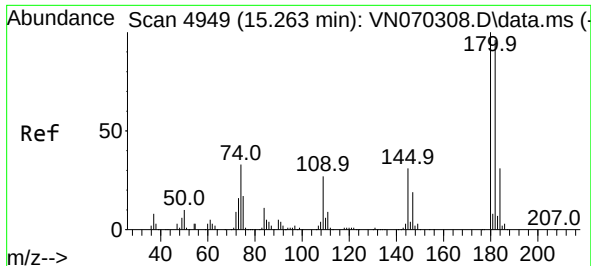
Tgt Ion:146 Resp: 16307
Ion Ratio Lower Upper
146 100
111 41.4 19.1 57.3
148 61.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.781 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.006 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion: 75 Resp: 1874
Ion Ratio Lower Upper
75 100
155 53.9 46.9 140.7
157 72.2 60.6 181.7

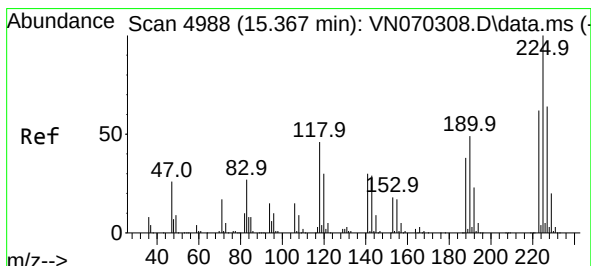
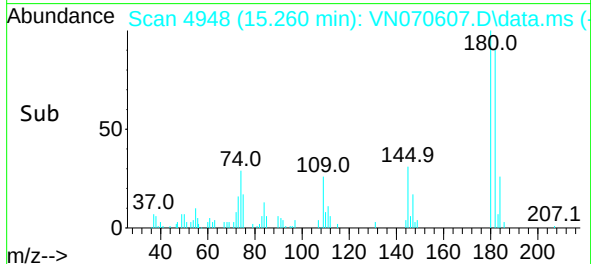
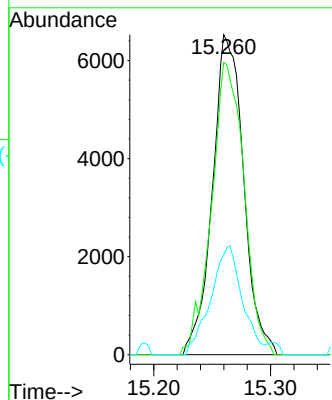
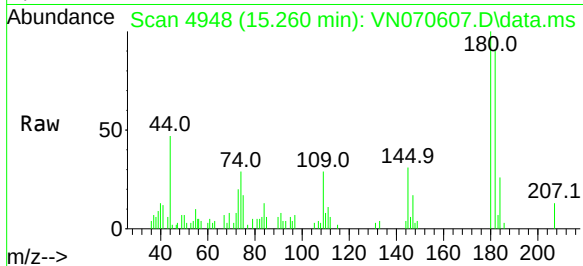




#93
 1,2,4-Trichlorobenzene
 Concen: 1.641 ug/l
 RT: 15.260 min Scan# 4949
 Delta R.T. -0.003 min
 Lab File: VN070607.D
 Acq: 13 Jan 2022 13:17

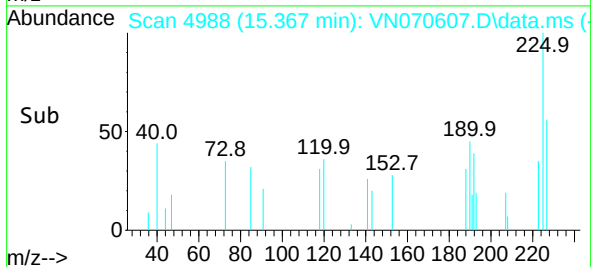
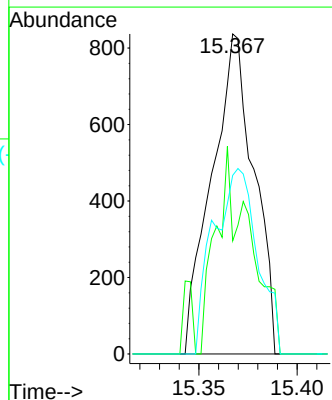
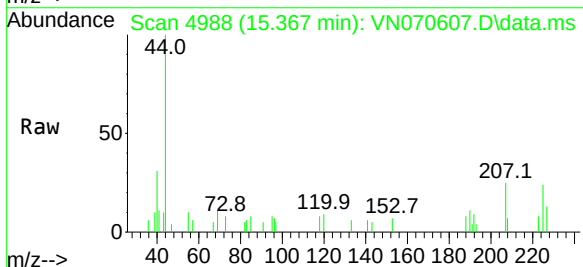
Instrument :
 MSVOA_N
 ClientSampleId :
 220112013-02-VOA

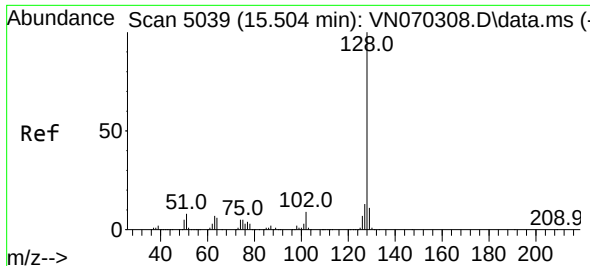
Tgt Ion:180 Resp: 12067
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.3 144.9
 145 34.6 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 0.292 ug/l
 RT: 15.367 min Scan# 4988
 Delta R.T. 0.000 min
 Lab File: VN070607.D
 Acq: 13 Jan 2022 13:17

Tgt Ion:225 Resp: 1246
 Ion Ratio Lower Upper
 225 100
 223 30.2 31.9 95.7#
 227 60.8 32.1 96.3

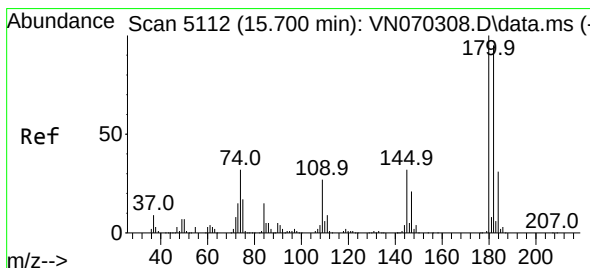
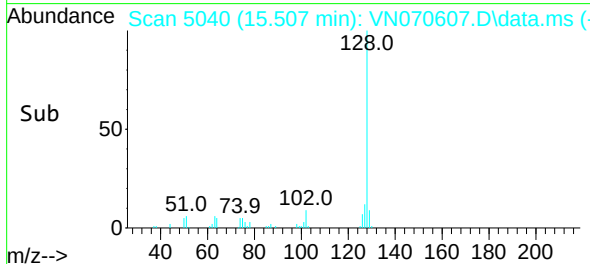
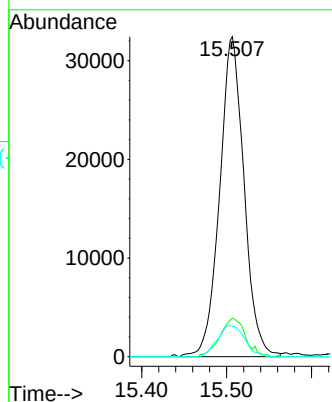
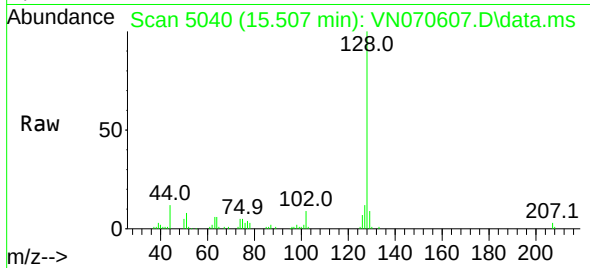




#95
Naphthalene
Concen: 4.861 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

Tgt Ion:128	Resp:	64609
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.5 15.7
129	10.8	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.719 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070607.D
Acq: 13 Jan 2022 13:17

Tgt Ion:180	Resp:	13541
Ion Ratio	Lower	Upper
180	100	
182	98.4	47.4 142.2
145	38.1	15.0 45.1

