

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070635.D
 Acq On : 14 Jan 2022 20:19
 Operator : JC/MD
 Sample : N1148-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 05:42:01 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	875281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1511131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1369246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	513049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	715718	56.871	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.740%
35) Dibromofluoromethane	8.021	113	503910	55.114	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	110.220%
50) Toluene-d8	10.440	98	2066023	55.314	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.620%
62) 4-Bromofluorobenzene	12.731	95	827213	61.319	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	122.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.385	59	2222258	1060.519	ug/l	98
14) Allyl chloride	5.068	41	24122	1.194	ug/l #	51
15) Acrylonitrile	5.618	53	62277	9.524	ug/l #	30
16) Acetone	4.293	43	189396	23.183	ug/l	98
18) Methyl Acetate	4.862	43	14672	0.621	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	6069251	183.333	ug/l	93
22) Diisopropyl ether	6.503	45	38693	0.983	ug/l #	86
23) Vinyl Acetate	6.501	43	20805	0.681	ug/l #	72
25) 2-Butanone	7.348	43	92078	8.951	ug/l	94
29) Tetrahydrofuran	7.699	42	11367	1.852	ug/l #	75
30) Chloroform	7.777	83	20453	1.039	ug/l #	18
31) Cyclohexane	8.091	56	52193	2.628	ug/l #	76
36) 1,1-Dichloropropene	8.083	75	68810	4.549	ug/l #	49
37) Ethyl Acetate	7.348	43	92078	4.697	ug/l #	69
38) Carbon Tetrachloride	8.083	117	84495	5.850	ug/l #	16
39) Methylcyclohexane	9.461	83	22085	1.206	ug/l #	82
40) Benzene	8.461	78	375571	8.099	ug/l	100
41) Methacrylonitrile	7.681	41	23046	2.350	ug/l #	37
42) 1,2-Dichloroethane	8.533	62	20499	1.176	ug/l	80
43) Isopropyl Acetate	8.536	43	1459568	47.220	ug/l #	57
47) Bromodichloromethane	9.748	83	13768	0.893	ug/l #	25
51) 4-Methyl-2-Pentanone	10.237	43	704710	36.283	ug/l #	58
52) Toluene	10.505	92	461325	16.436	ug/l	97
56) Ethyl methacrylate	10.810	69	15129	0.824	ug/l #	8
58) 2-Chloroethyl Vinyl ether	10.025	63	859	18.683	ug/l #	45
59) 2-Hexanone	11.213	43	47820	3.376	ug/l	79
67) Ethyl Benzene	11.843	91	976724	18.349	ug/l	97
68) m/p-Xylenes	11.950	106	633225	32.680	ug/l	93
69) o-Xylene	12.280	106	333835	17.322	ug/l	93
70) Styrene	12.277	104	18265	0.599	ug/l #	1
73) Isopropylbenzene	12.578	105	205743	4.318	ug/l	98
74) N-amyl acetate	12.398	43	34705	1.732	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	12.841	83	108485	6.734	ug/l #	33
76) 1,2,3-Trichloropropane	12.731	75	423112	29.068	ug/l #	1
78) n-propylbenzene	12.921	91	284737	5.394	ug/l	96
79) 2-Chlorotoluene	12.980	91	38783	1.145	ug/l #	40

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

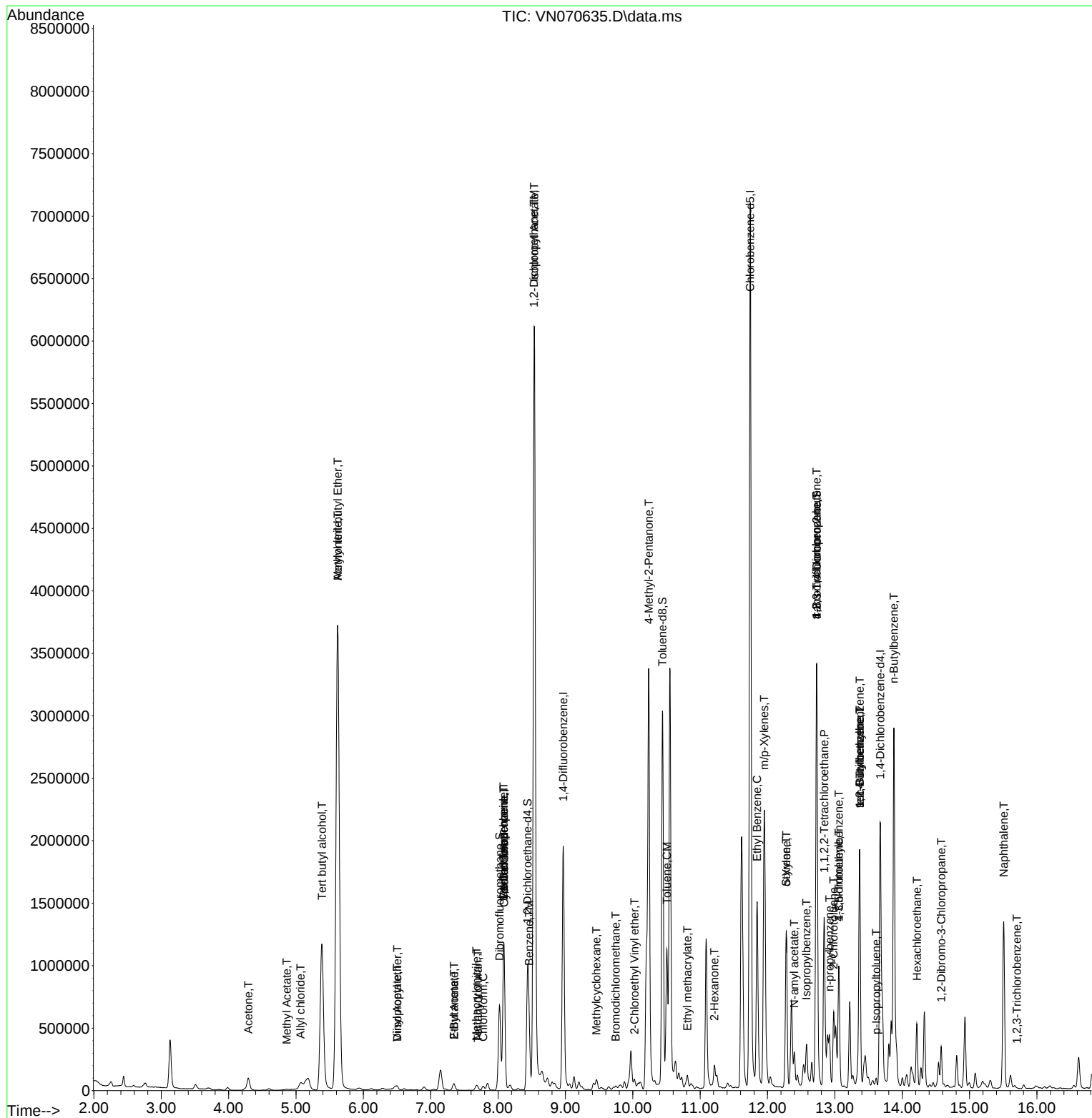
80) 1,3,5-Trimethylbenzene	13.058	105	459019	12.023	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.731	75	423112	100.759	ug/l #	9
82) 4-Chlorotoluene	13.058	91	50274	1.585	ug/l #	38
83) tert-Butylbenzene	13.369	119	127249	3.785	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.369	105	1067135	29.026	ug/l	97
85) sec-Butylbenzene	13.369	105	1067135	23.380	ug/l #	56
86) p-Isopropyltoluene	13.616	119	8970	0.250	ug/l #	77
89) n-Butylbenzene	13.876	91	304801	10.192	ug/l #	44
90) Hexachloroethane	14.219	117	27066	4.345	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	1730	0.627	ug/l #	8
95) Naphthalene	15.507	128	1265134	53.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	501	0.887	ug/l #	79

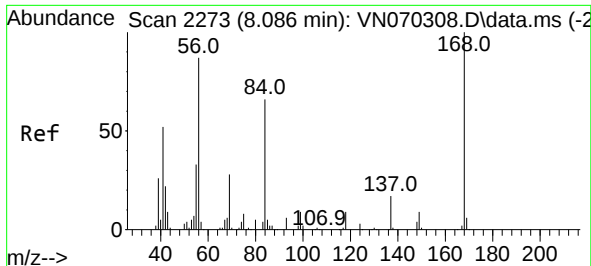
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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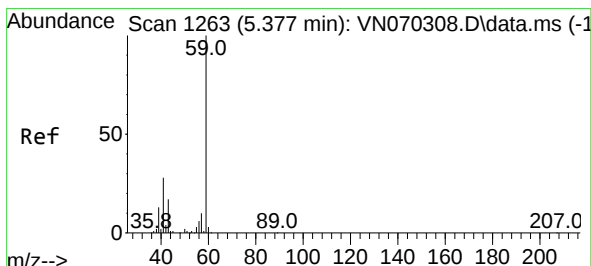
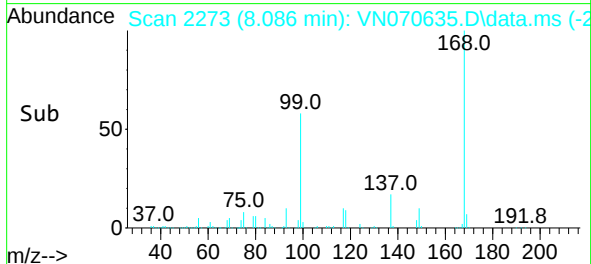
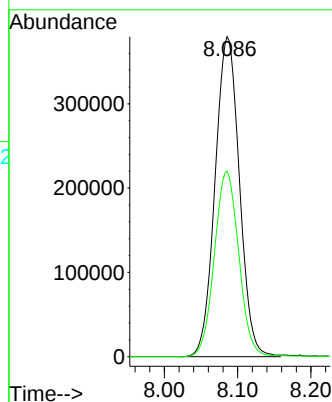
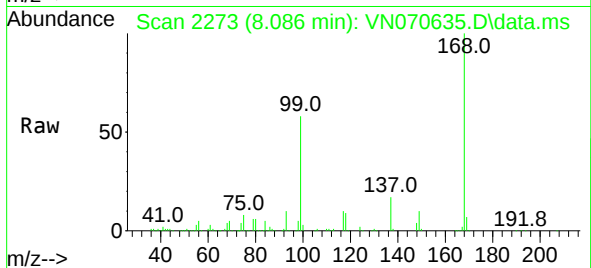




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

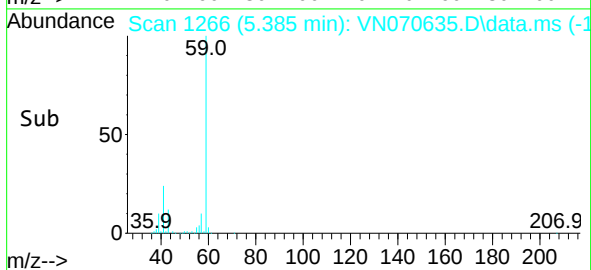
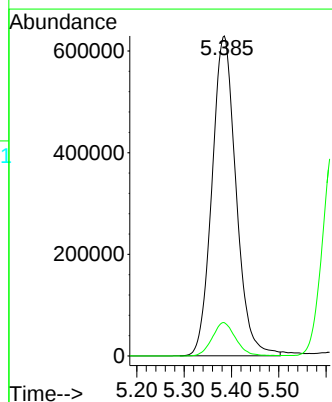
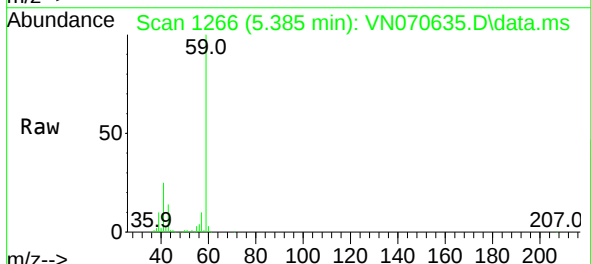
Instrument :
MSVOA_N
ClientSampleId :

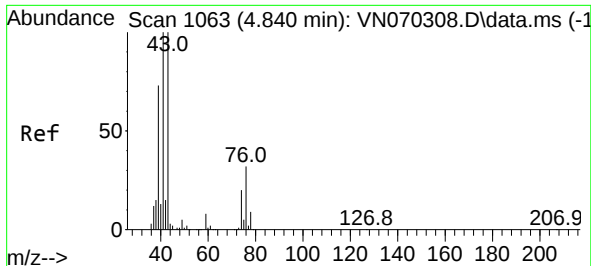
Tgt Ion:168 Resp: 875281
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#11
Tert butyl alcohol
Concen: 1060.519 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. 0.008 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 59 Resp: 2222258
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1





#14

Allyl chloride

Concen: 1.194 ug/l

RT: 5.068 min Scan# 1148

Delta R.T. 0.228 min

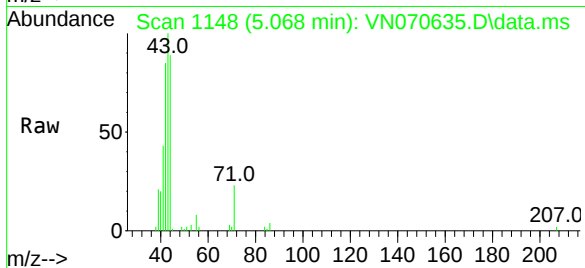
Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

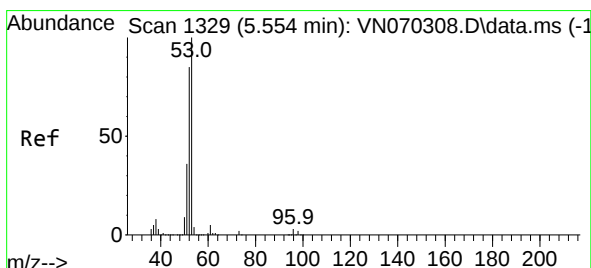
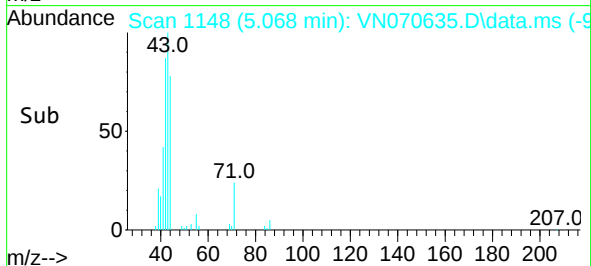
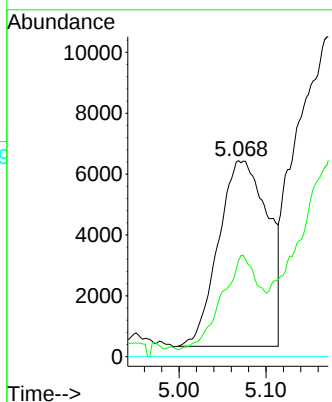
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	24122
Ion	Ratio	Lower	Upper
41	100		
39	38.1	61.2	91.8#
76	0.0	26.0	39.0#



#15

Acrylonitrile

Concen: 9.524 ug/l

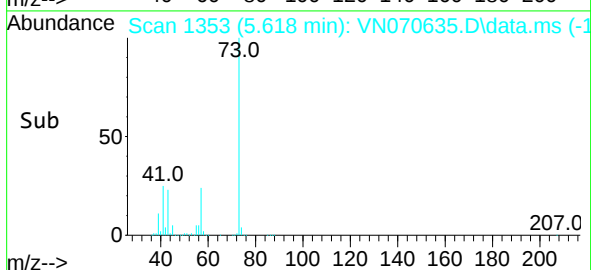
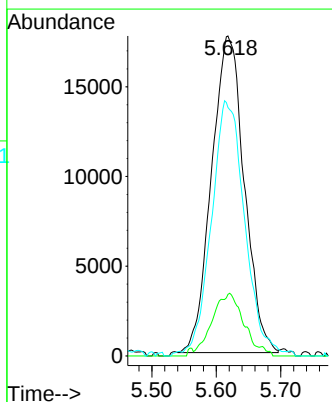
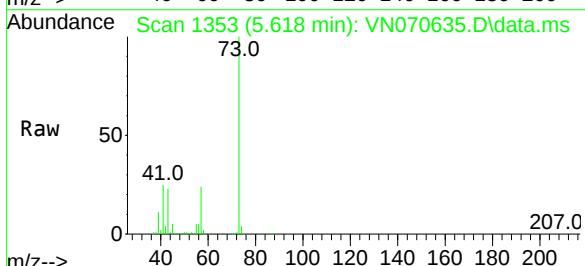
RT: 5.618 min Scan# 1353

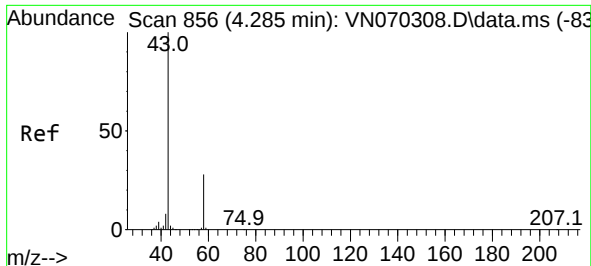
Delta R.T. 0.064 min

Lab File: VN070635.D

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Tgt Ion:	53	Resp:	62277
Ion	Ratio	Lower	Upper
53	100		
52	19.2	66.2	99.2#
51	78.2	29.6	44.4#

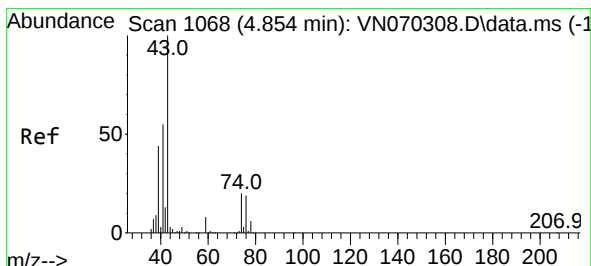
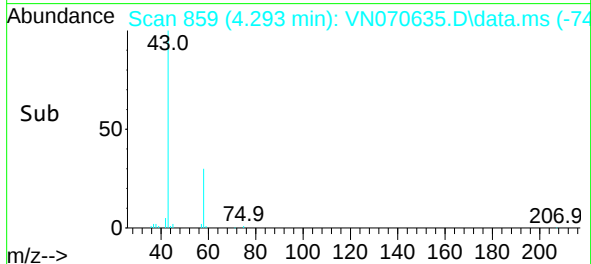
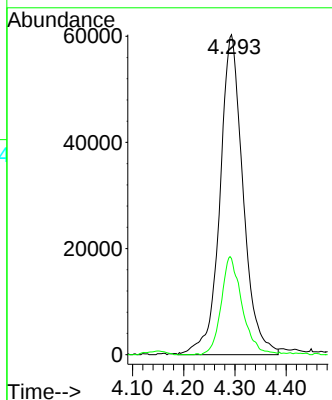
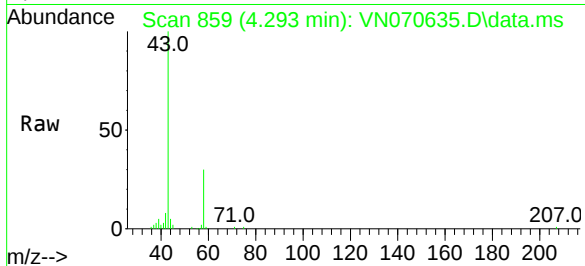




#16
Acetone
Concen: 23.183 ug/l
RT: 4.293 min Scan# 856
Delta R.T. 0.008 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

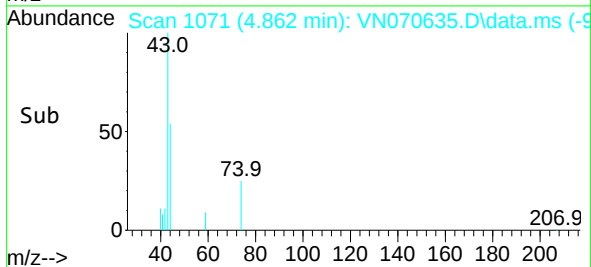
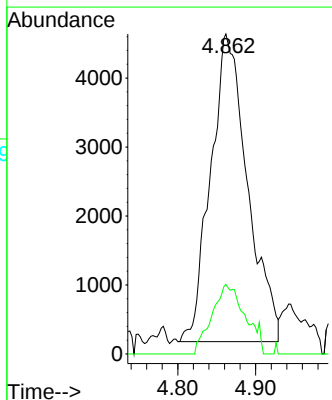
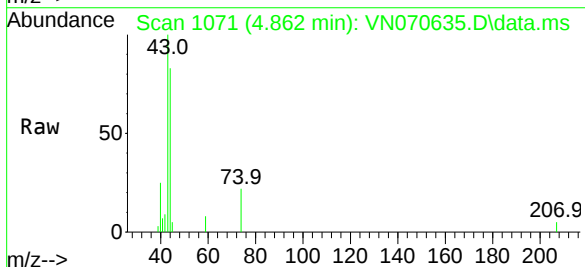
Instrument :
MSVOA_N
ClientSampleId :

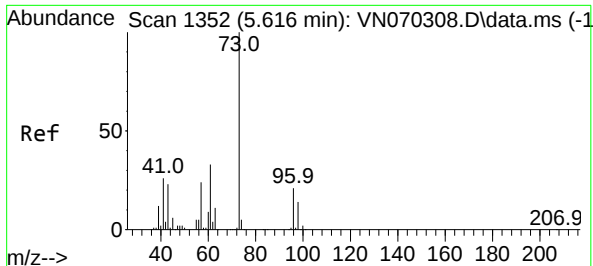
Tgt Ion: 43 Resp: 189396
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7



#18
Methyl Acetate
Concen: 0.621 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 43 Resp: 14672
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 183.333 ug/l

RT: 5.618 min Scan# 1

Delta R.T. 0.002 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

Instrument :

MSVOA_N

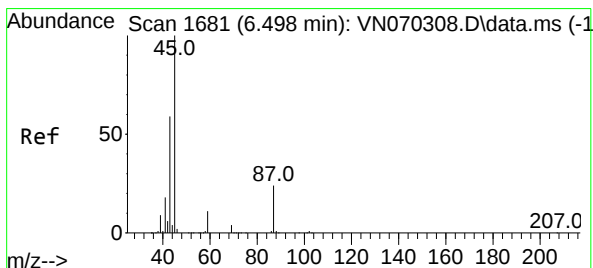
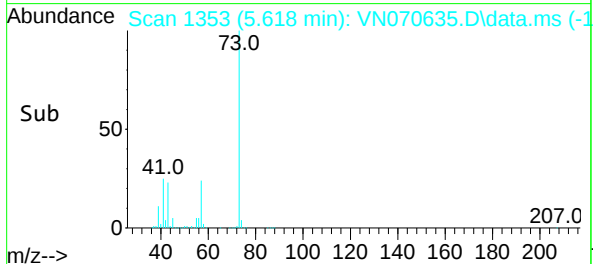
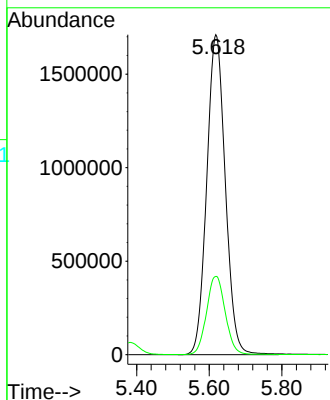
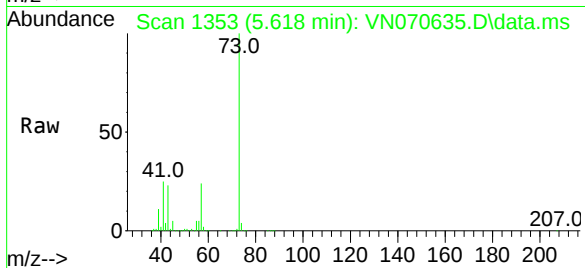
ClientSampleId :

Tgt Ion: 73 Resp: 6069251

Ion Ratio Lower Upper

73 100

57 24.4 16.8 25.2



#22

Diisopropyl ether

Concen: 0.983 ug/l

RT: 6.503 min Scan# 1683

Delta R.T. 0.005 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

Tgt Ion: 45 Resp: 38693

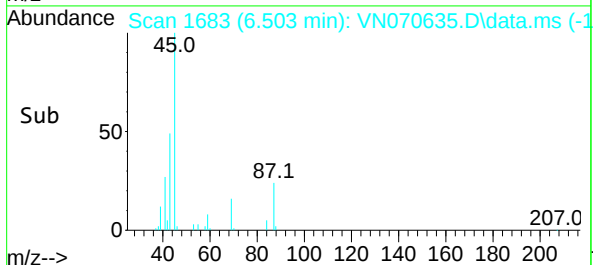
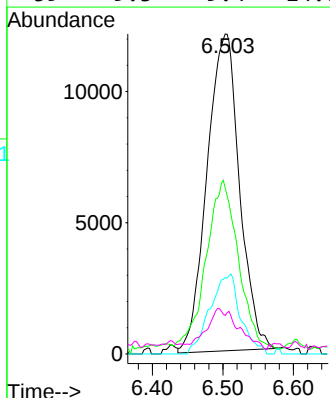
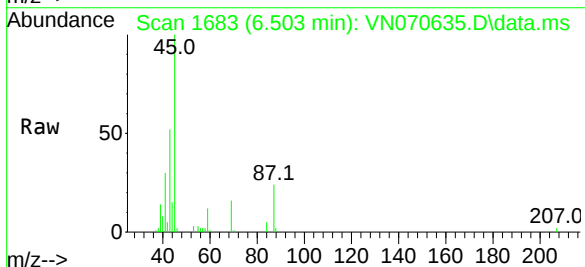
Ion Ratio Lower Upper

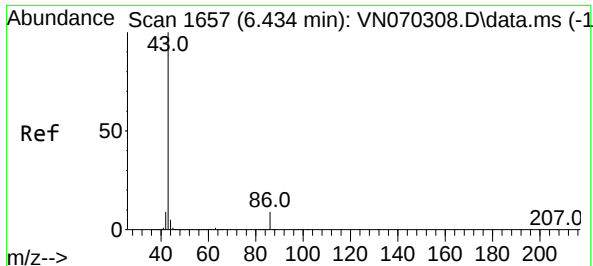
45 100

43 51.3 51.7 77.5#

87 24.3 23.2 34.8

59 9.3 9.4 14.0#

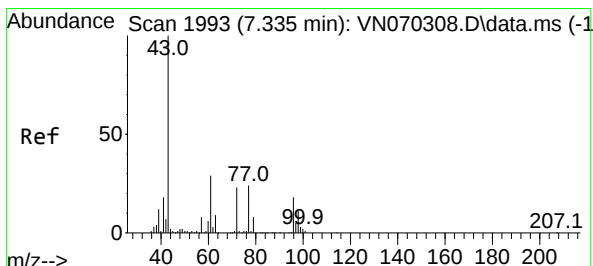
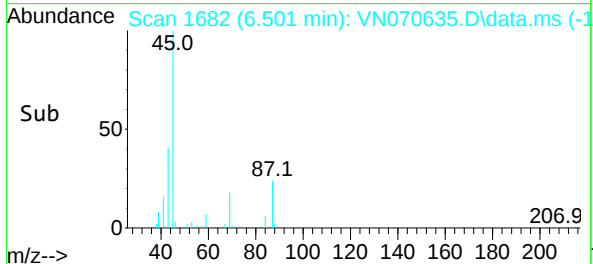
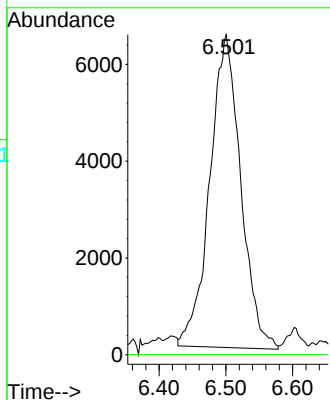
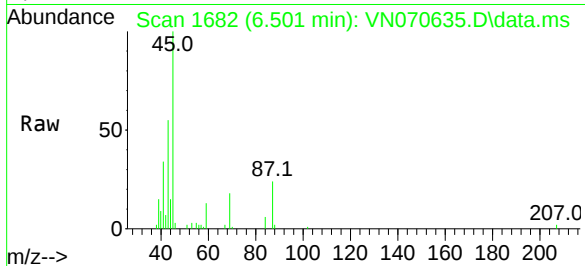




#23
 Vinyl Acetate
 Concen: 0.681 ug/l
 RT: 6.501 min Scan# 1682
 Delta R.T. 0.067 min
 Lab File: VN070635.D
 Acq: 14 Jan 2022 20:19

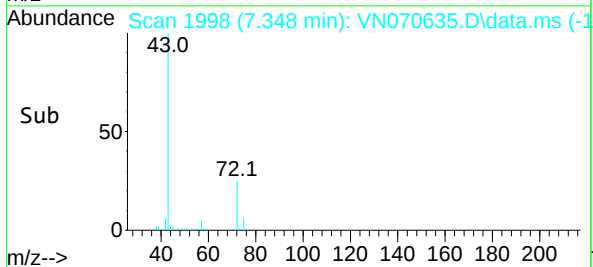
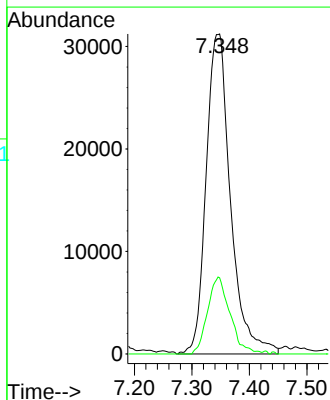
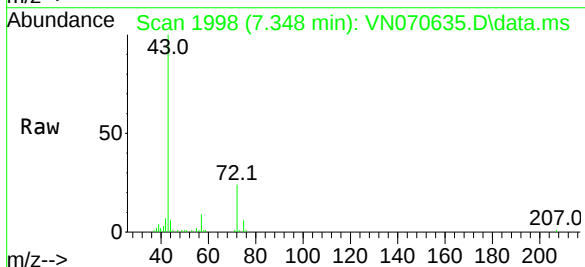
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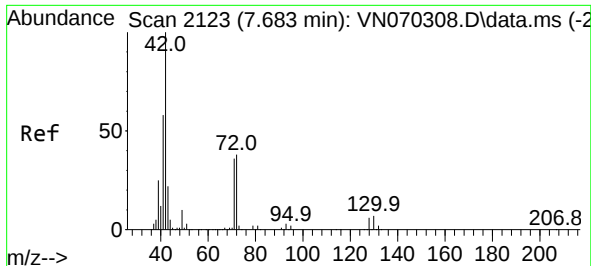
Tgt Ion: 43 Resp: 20805
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 8.951 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. 0.013 min
 Lab File: VN070635.D
 Acq: 14 Jan 2022 20:19

Tgt Ion: 43 Resp: 92078
 Ion Ratio Lower Upper
 43 100
 72 23.8 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.852 ug/l

RT: 7.699 min Scan# 2129

Delta R.T. 0.016 min

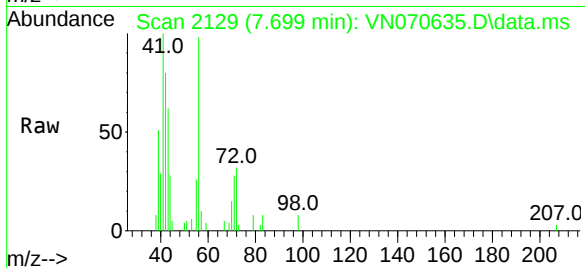
Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

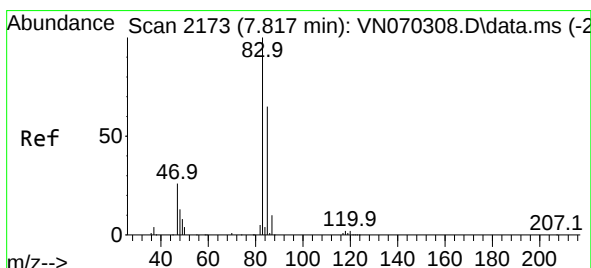
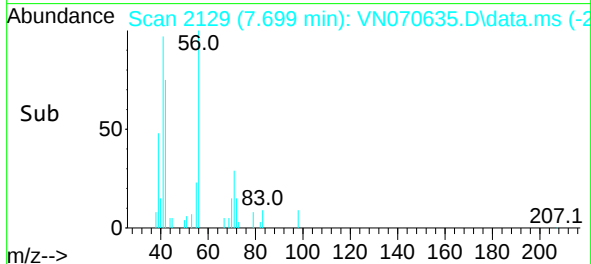
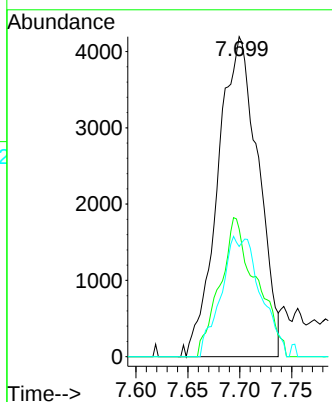
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	11367
Ion Ratio	Lower	Upper	
42	100		
72	39.1	36.3	54.5
71	17.6	34.7	52.1#



#30

Chloroform

Concen: 1.039 ug/l

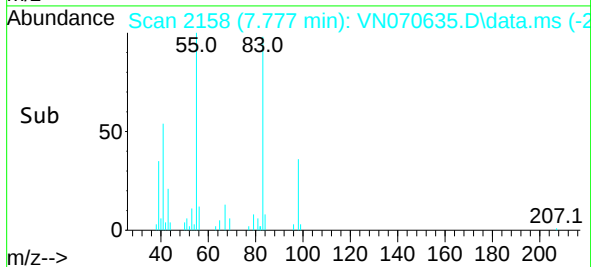
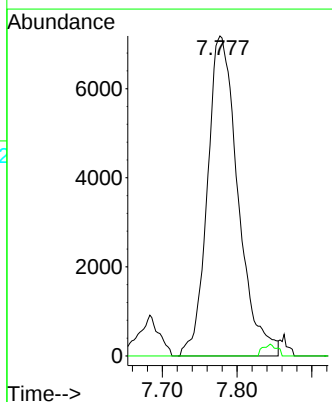
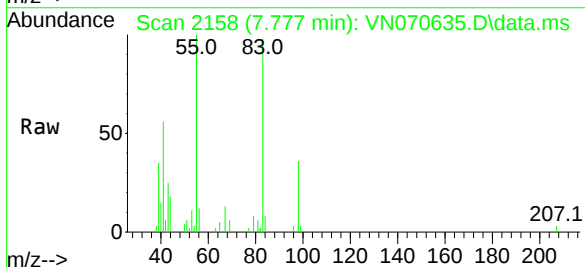
RT: 7.777 min Scan# 2158

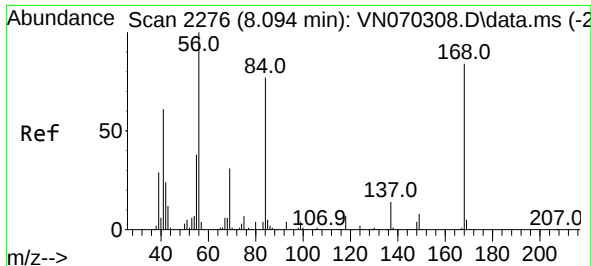
Delta R.T. -0.040 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

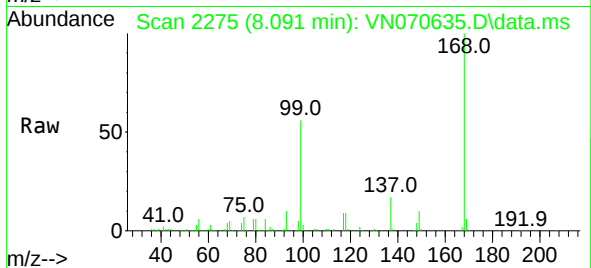
Tgt Ion:	83	Resp:	20453
Ion Ratio	Lower	Upper	
83	100		
85	0.0	51.9	77.9#



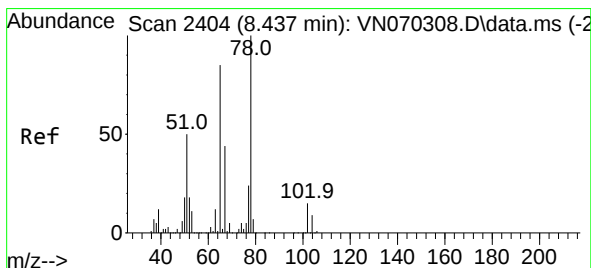
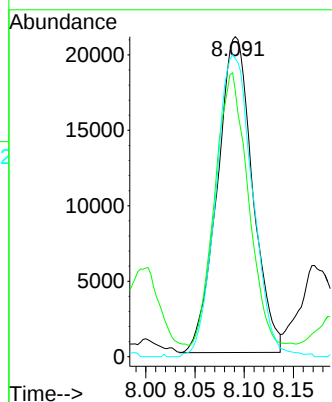
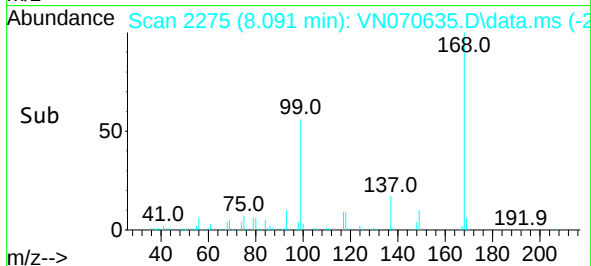


#31
Cyclohexane
Concen: 2.628 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Instrument :
MSVOA_N
ClientSampleId :

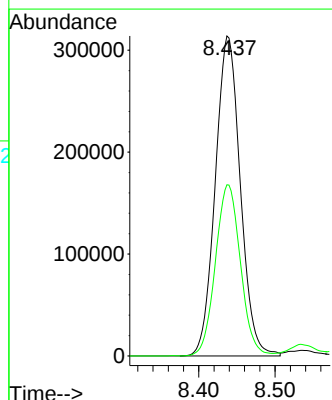
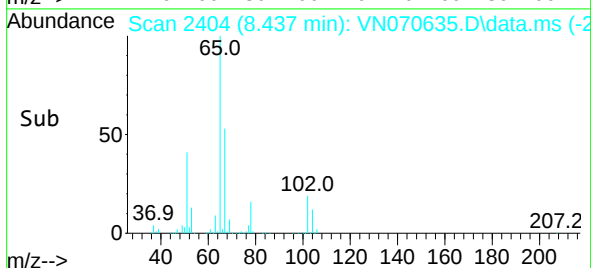
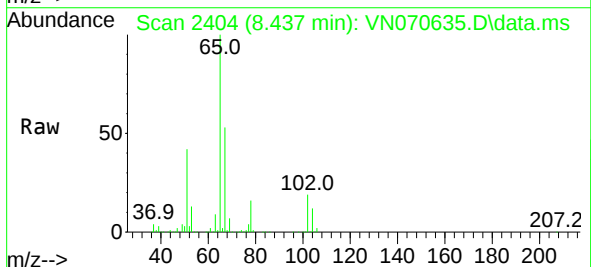


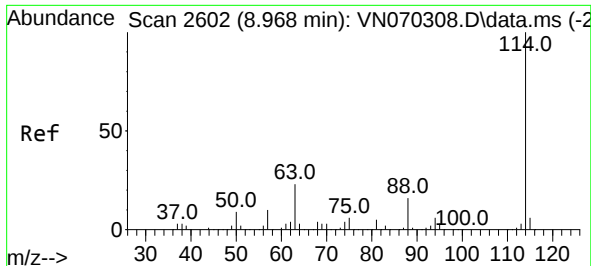
Tgt Ion: 56 Resp: 52193
Ion Ratio Lower Upper
56 100
69 80.1 27.1 40.7#
84 94.5 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 56.871 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 65 Resp: 715718
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

Instrument :

MSVOA_N

ClientSampleId :

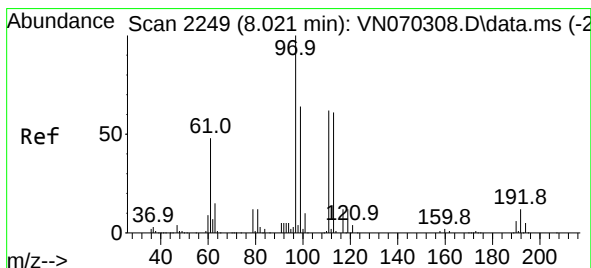
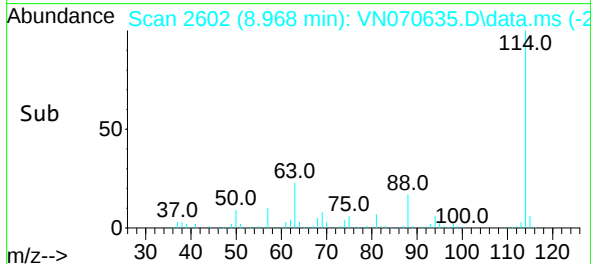
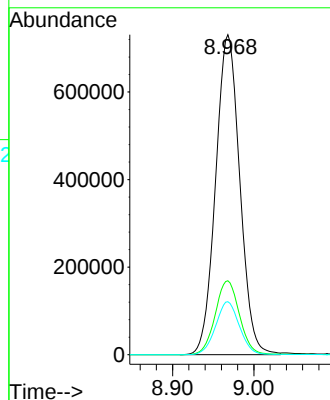
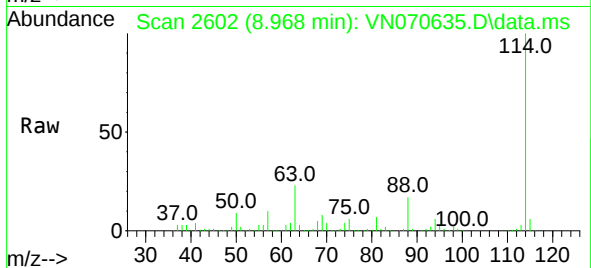
Tgt Ion:114 Resp: 1511131

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 55.114 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

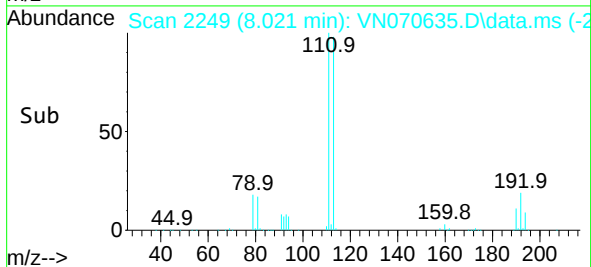
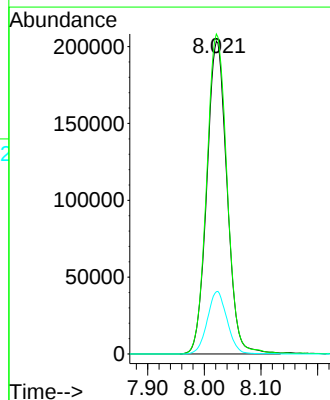
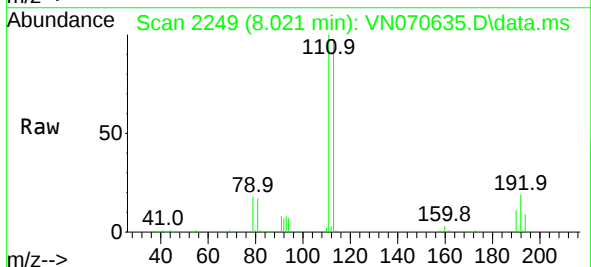
Tgt Ion:113 Resp: 503910

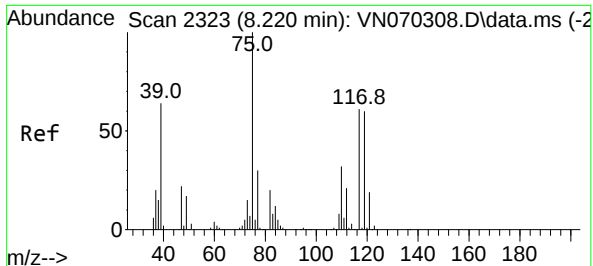
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

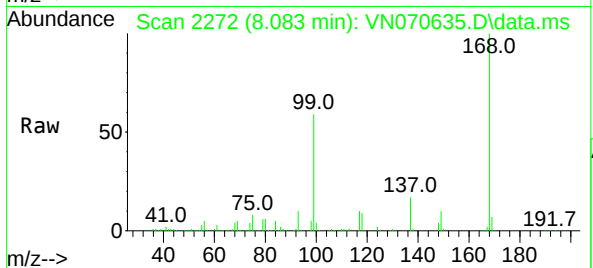
192 19.6 16.9 25.3



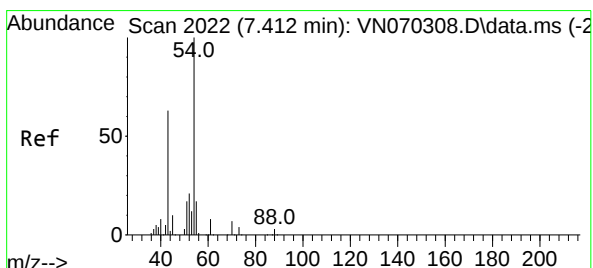
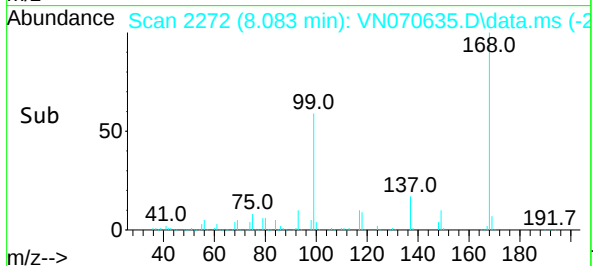
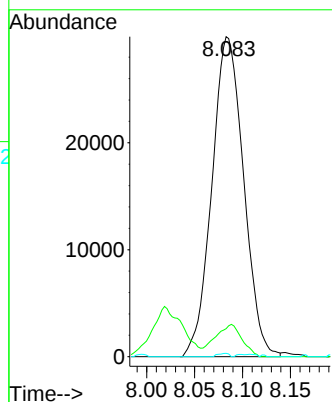


#36
 1,1-Dichloropropene
 Concen: 4.549 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070635.D
 Acq: 14 Jan 2022 20:19

Instrument :
 MSVOA_N
 ClientSampleId :

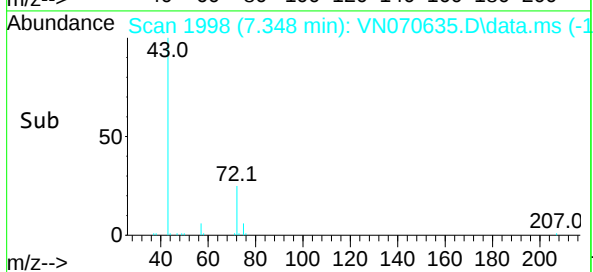
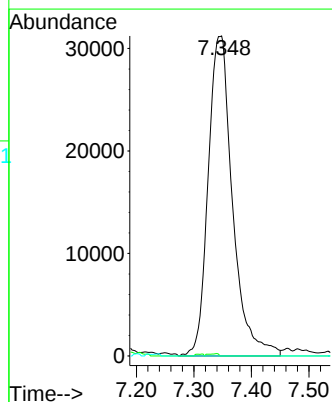
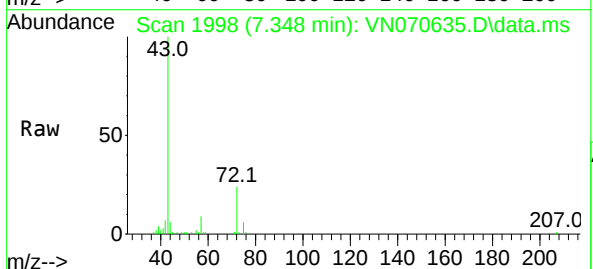


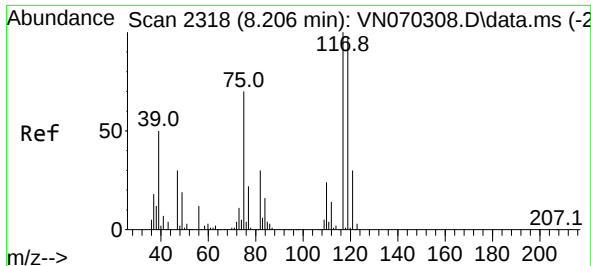
Tgt Ion: 75 Resp: 68810
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 4.697 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. -0.064 min
 Lab File: VN070635.D
 Acq: 14 Jan 2022 20:19

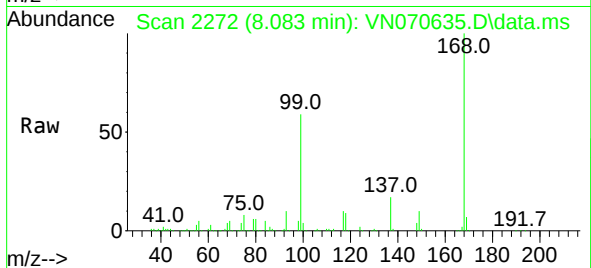
Tgt Ion: 43 Resp: 92078
 Ion Ratio Lower Upper
 43 100
 61 0.3 11.5 17.3#
 70 0.0 7.9 11.9#



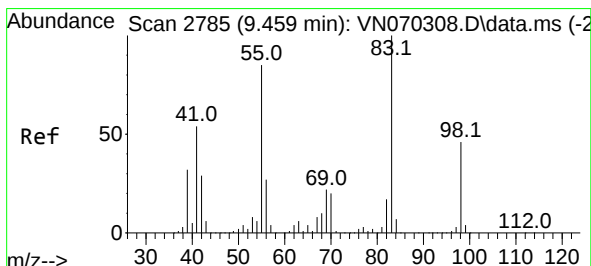
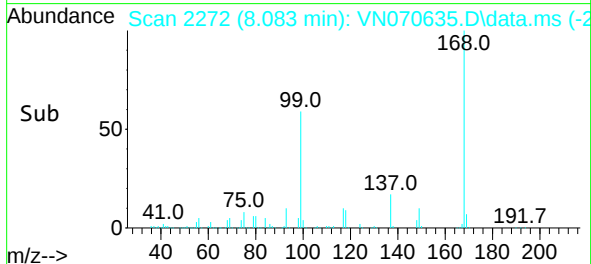
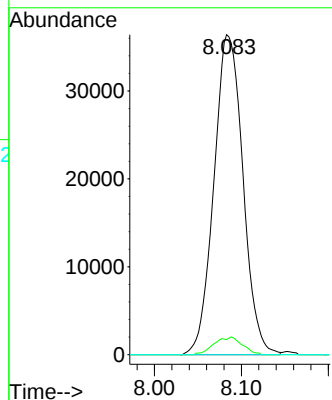


#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.123 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Instrument :
MSVOA_N
ClientSampleId :

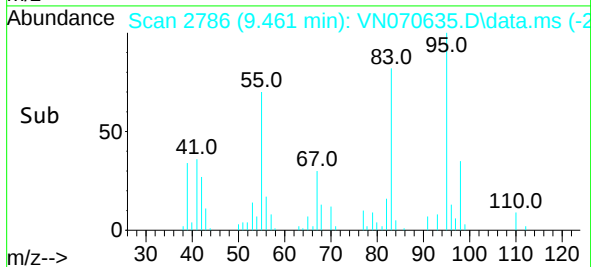
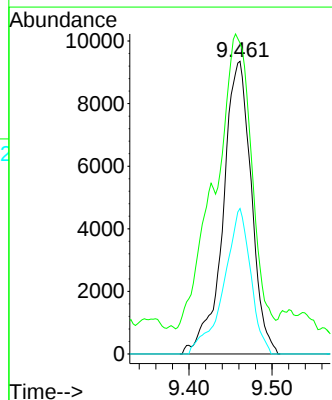
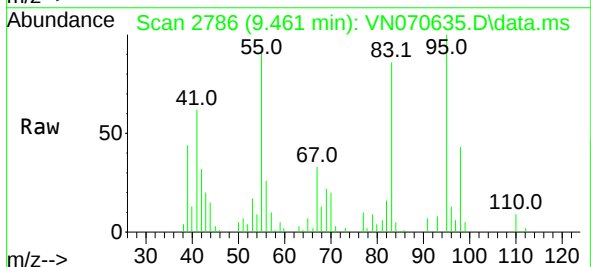


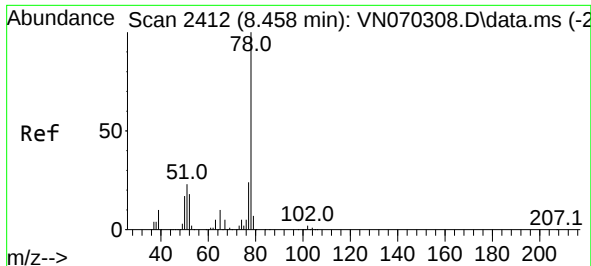
Tgt Ion:117 Resp: 84495
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.206 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.002 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 83 Resp: 22085
Ion Ratio Lower Upper
83 100
55 95.8 58.1 87.1#
98 49.7 38.4 57.6





#40

Benzene

Concen: 8.099 ug/l

RT: 8.461 min Scan# 2412

Delta R.T. 0.003 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

Instrument :

MSVOA_N

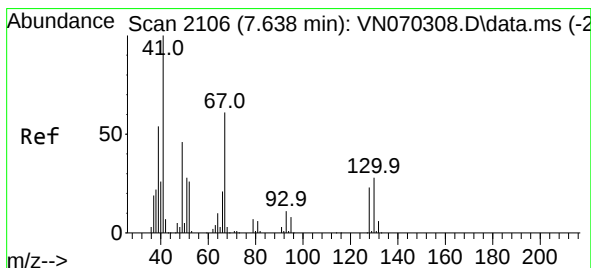
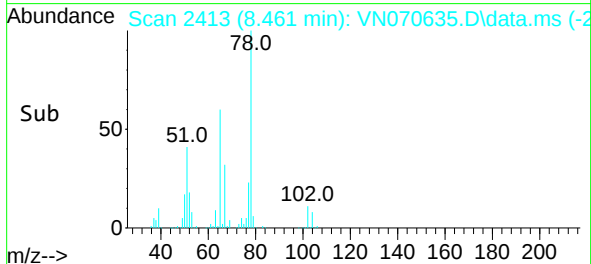
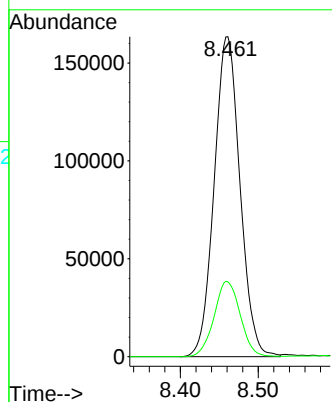
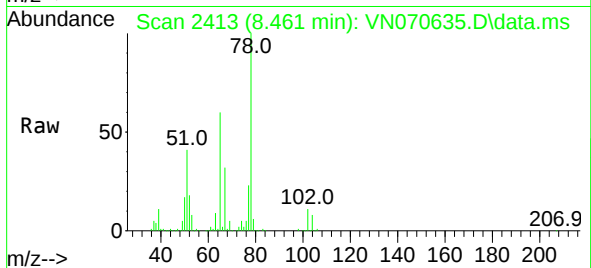
ClientSampleId :

Tgt Ion: 78 Resp: 375571

Ion Ratio Lower Upper

78 100

77 23.4 18.6 27.8



#41

Methacrylonitrile

Concen: 2.350 ug/l

RT: 7.681 min Scan# 2122

Delta R.T. 0.043 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

Tgt Ion: 41 Resp: 23046

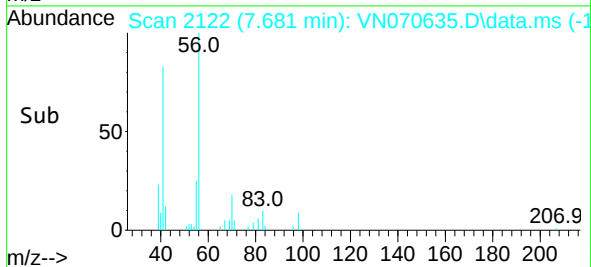
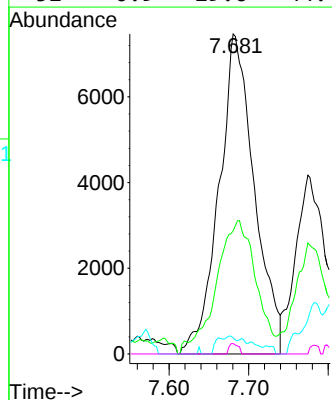
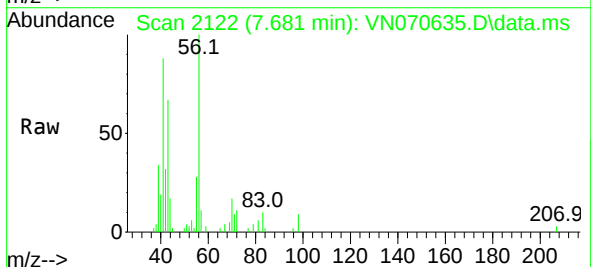
Ion Ratio Lower Upper

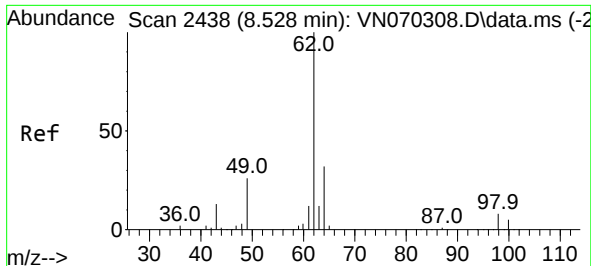
41 100

39 44.7 48.1 72.1#

67 0.0 68.3 102.5#

52 0.9 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 1.176 ug/l

RT: 8.533 min Scan# 2440

Delta R.T. 0.005 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

Instrument :

MSVOA_N

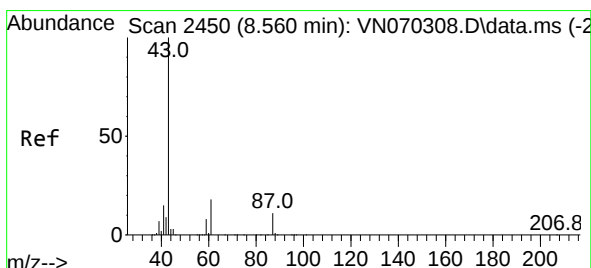
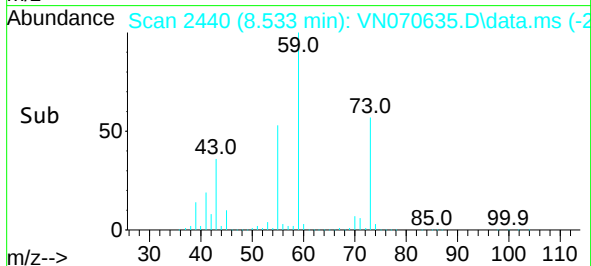
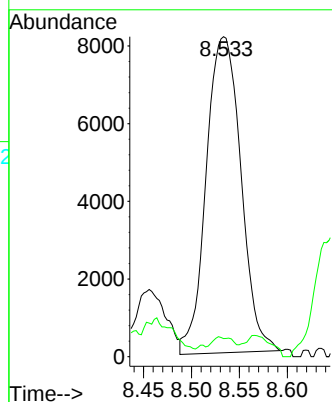
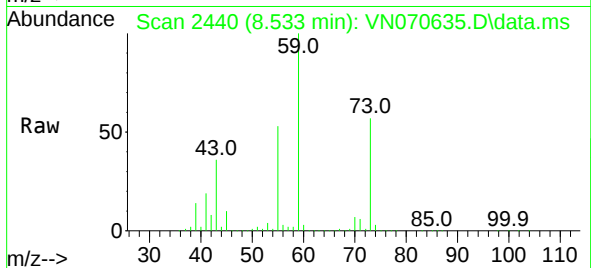
ClientSampleId :

Tgt Ion: 62 Resp: 20499

Ion Ratio Lower Upper

62 100

98 1.7 0.0 17.6



#43

Isopropyl Acetate

Concen: 47.220 ug/l

RT: 8.536 min Scan# 2441

Delta R.T. -0.024 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

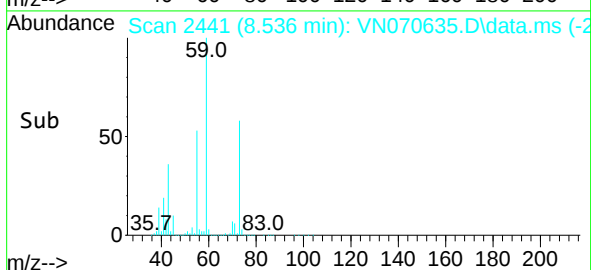
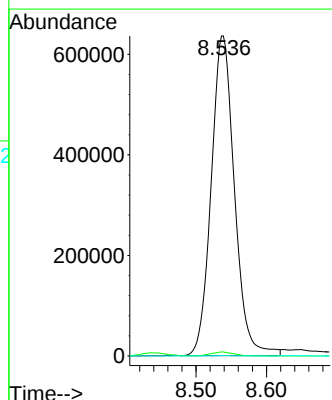
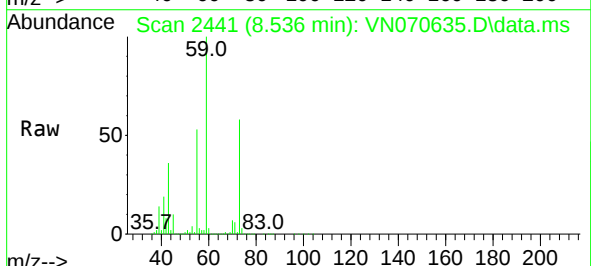
Tgt Ion: 43 Resp: 1459568

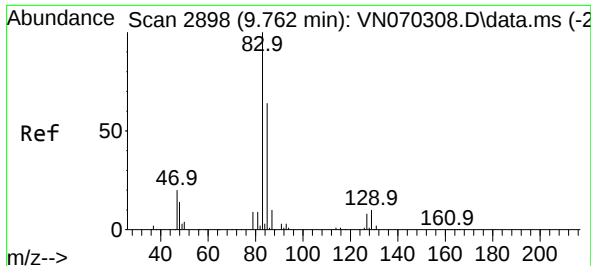
Ion Ratio Lower Upper

43 100

61 1.2 20.4 30.6#

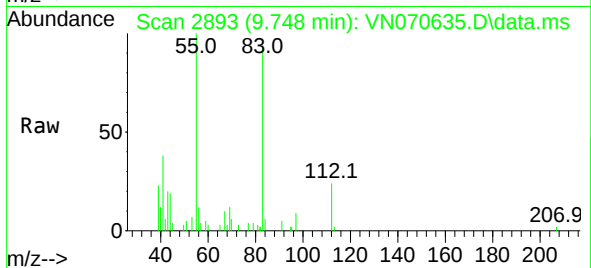
87 0.1 11.2 16.8#



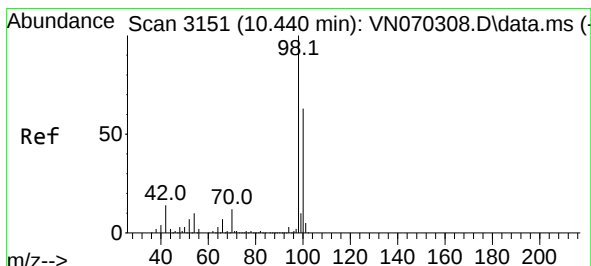
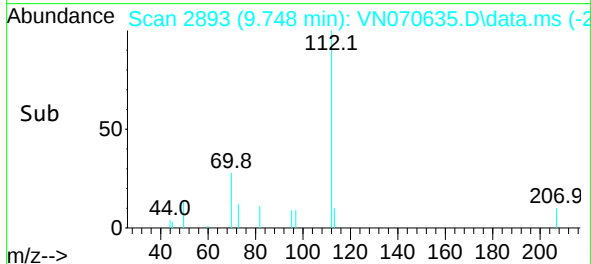
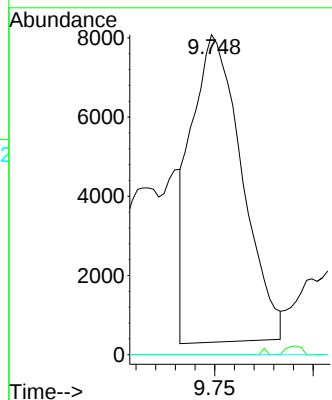


#47
Bromodichloromethane
Concen: 0.893 ug/l
RT: 9.748 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Instrument :
MSVOA_N
ClientSampleId :

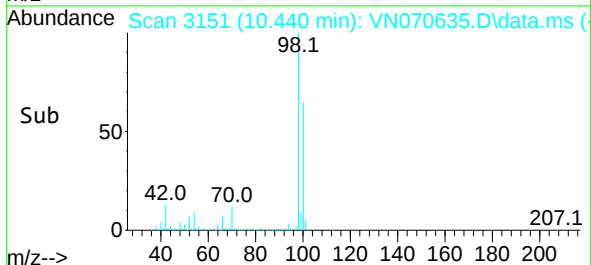
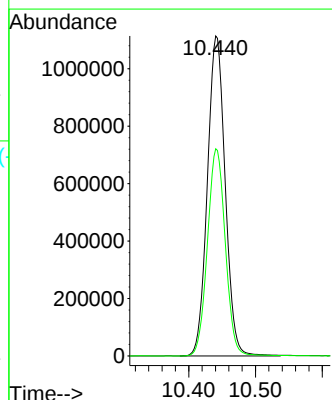
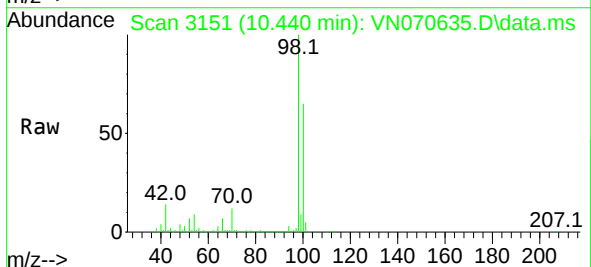


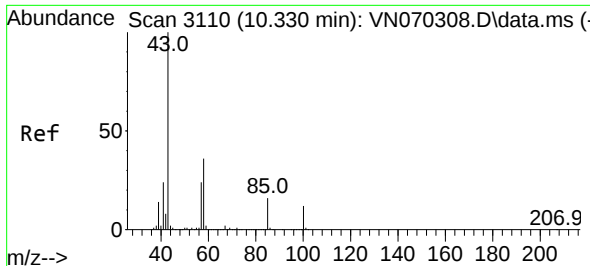
Tgt Ion: 83 Resp: 13768
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#50
Toluene-d8
Concen: 55.314 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 98 Resp: 2066023
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6

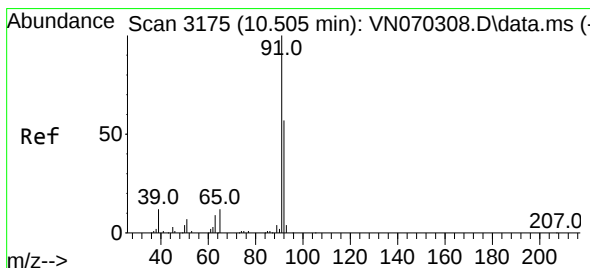
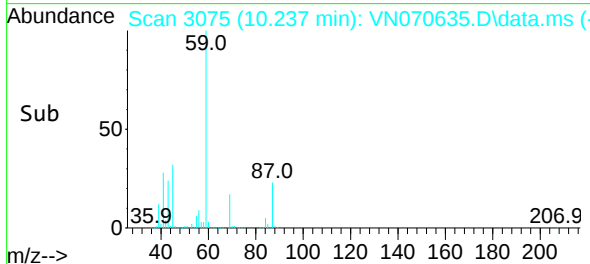
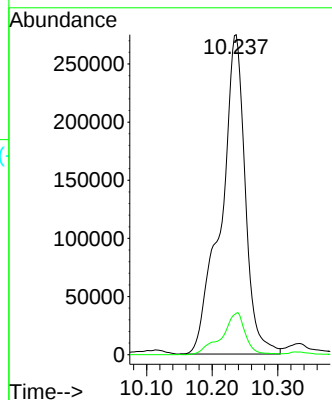
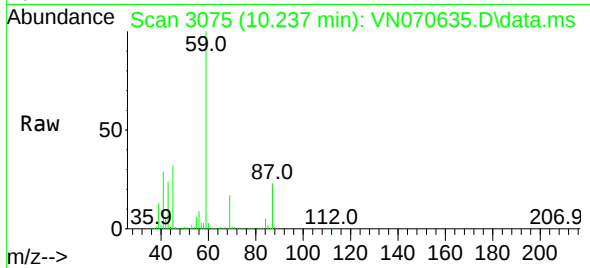




#51
4-Methyl-2-Pentanone
Concen: 36.283 ug/l
RT: 10.237 min Scan# 3075
Delta R.T. -0.093 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

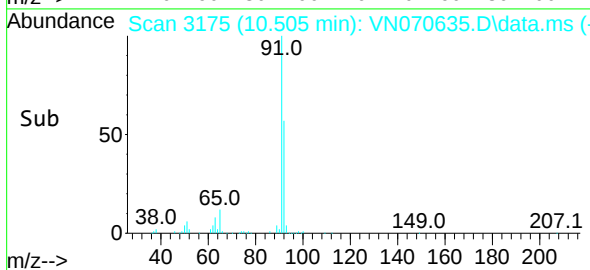
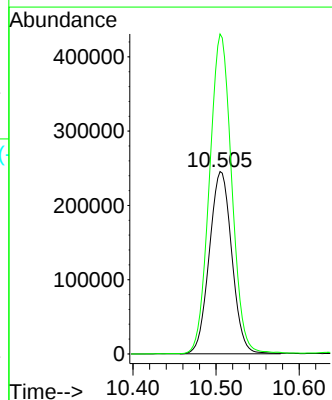
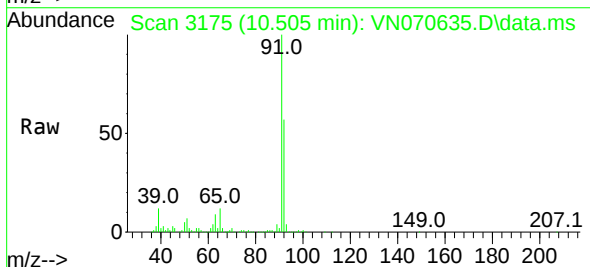
Instrument :
MSVOA_N
ClientSampleId :

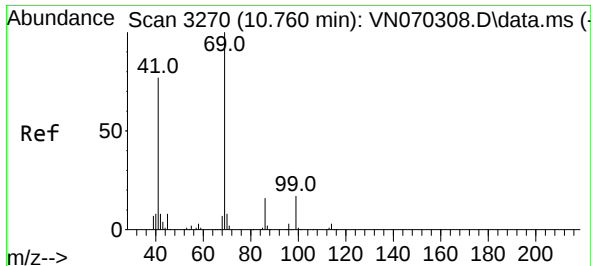
Tgt Ion: 43 Resp: 704710
Ion Ratio Lower Upper
43 100
58 12.9 30.4 45.6#



#52
Toluene
Concen: 16.436 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 92 Resp: 461325
Ion Ratio Lower Upper
92 100
91 173.4 142.0 213.0

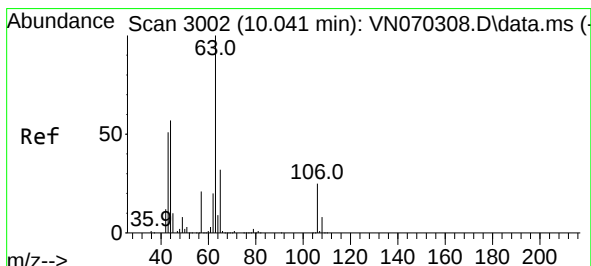
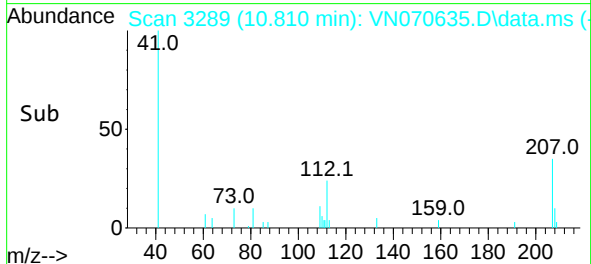
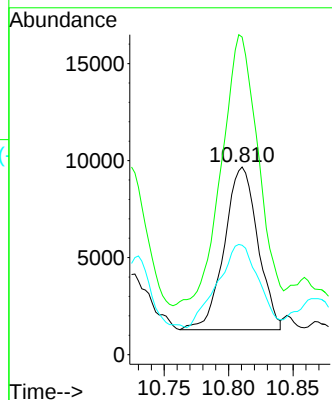
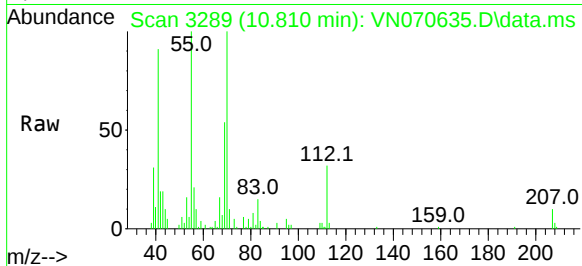




#56
Ethyl methacrylate
Concen: 0.824 ug/l
RT: 10.810 min Scan# 31
Delta R.T. 0.050 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

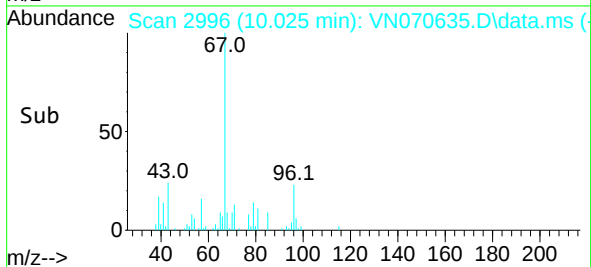
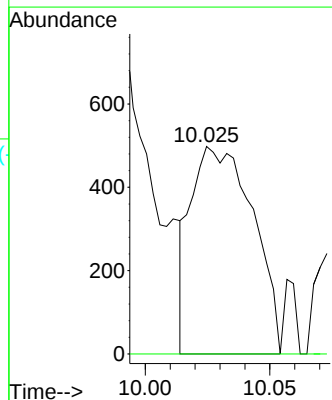
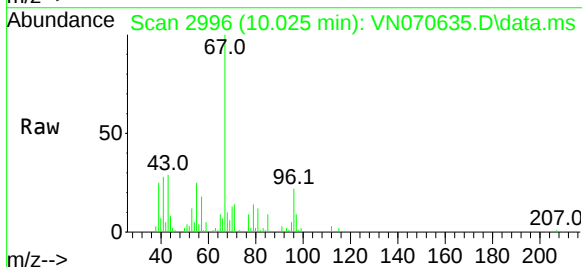
Instrument :
MSVOA_N
ClientSampleId :

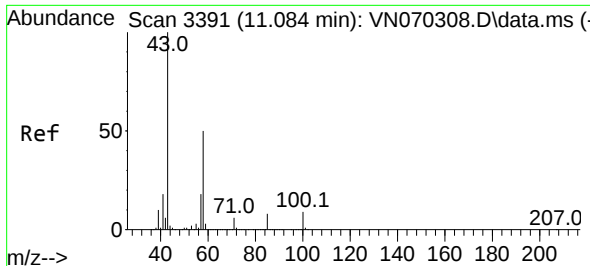
Tgt Ion: 69 Resp: 15129
Ion Ratio Lower Upper
69 100
41 168.9 51.4 77.0#
39 62.5 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.683 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.016 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 63 Resp: 859
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

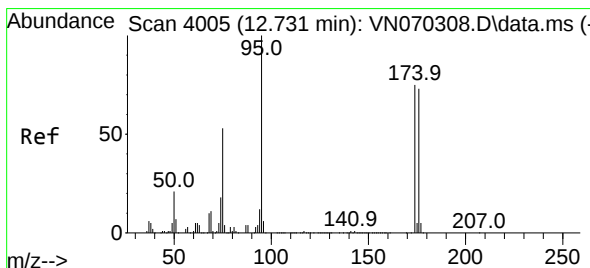
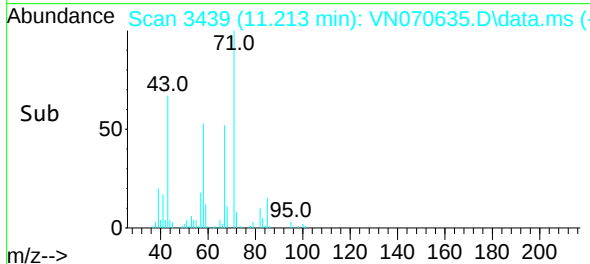
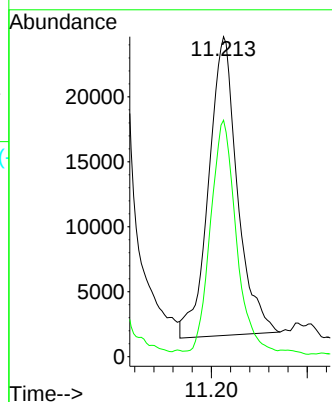
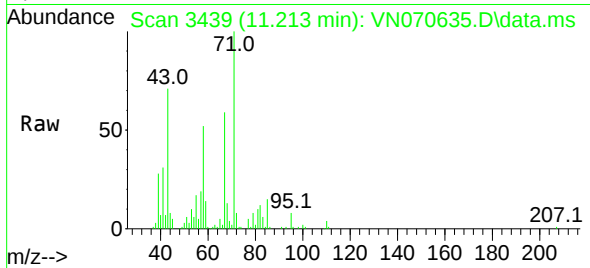




#59
2-Hexanone
Concen: 3.376 ug/l
RT: 11.213 min Scan# 34
Delta R.T. 0.129 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

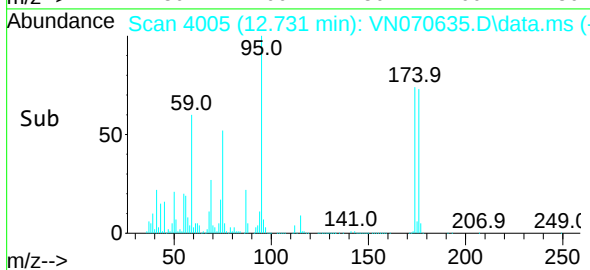
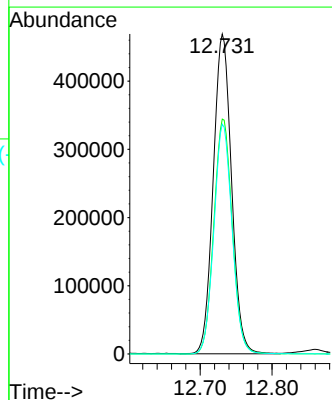
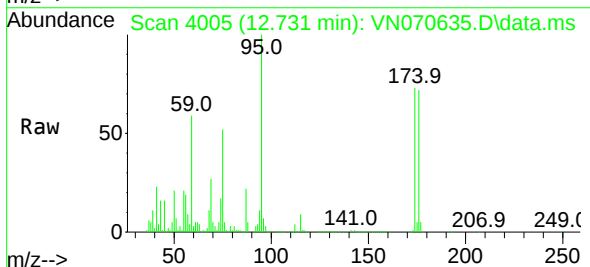
Instrument :
MSVOA_N
ClientSampleId :

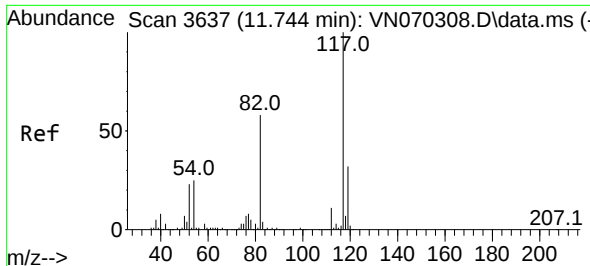
Tgt Ion: 43 Resp: 47820
Ion Ratio Lower Upper
43 100
58 68.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 61.319 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

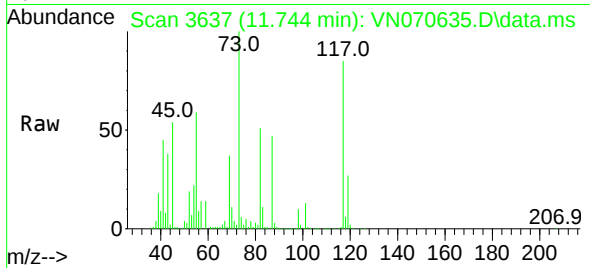
Tgt Ion: 95 Resp: 827213
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.6 0.0 181.4



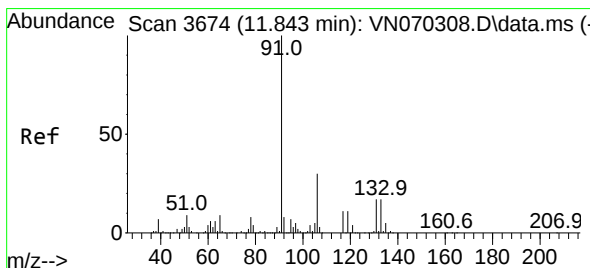
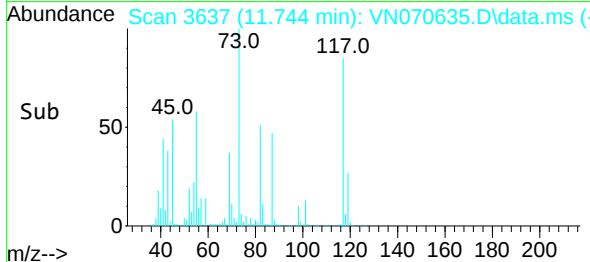
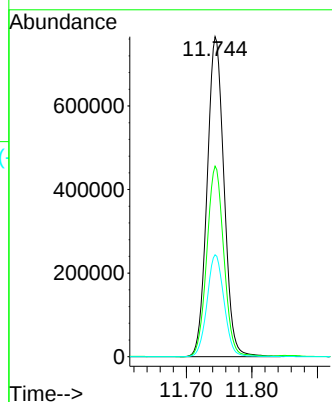


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Instrument :
MSVOA_N
ClientSampleId :

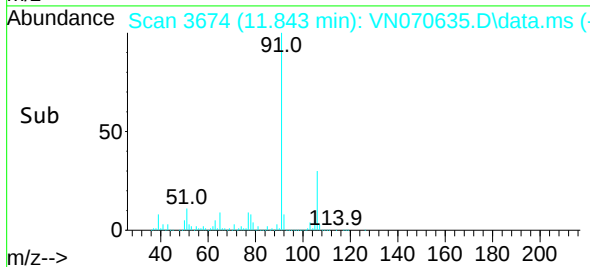
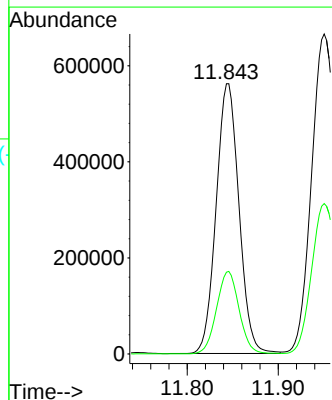
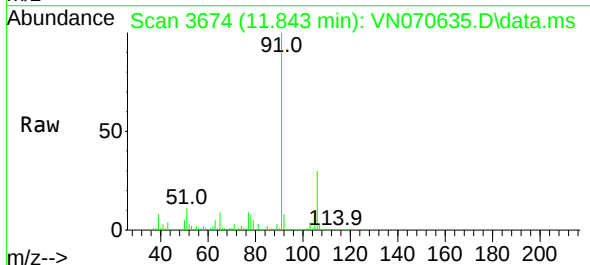


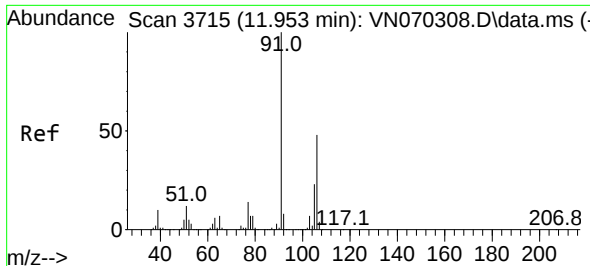
Tgt Ion:117 Resp: 1369246
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: 18.349 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 91 Resp: 976724
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

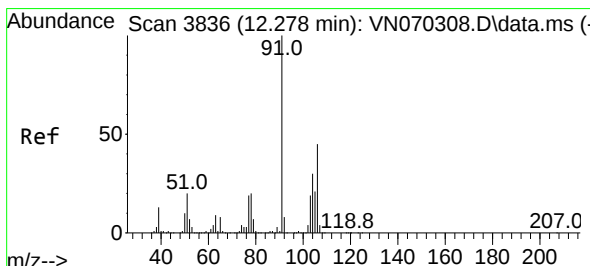
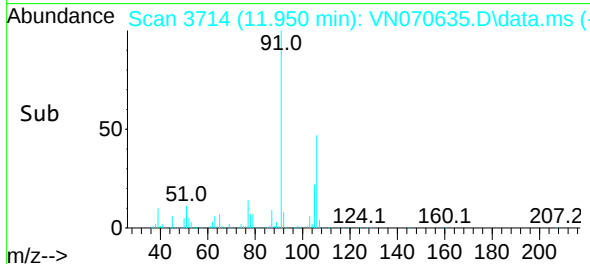
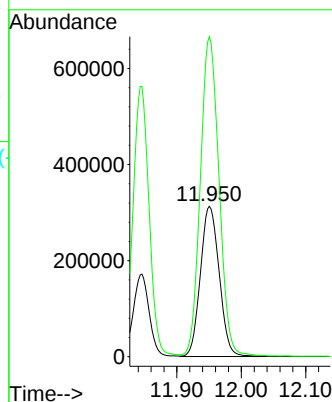
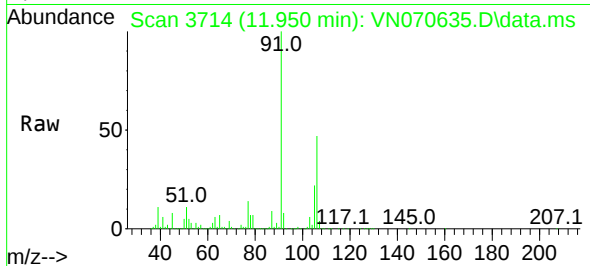




#68
m/p-Xylenes
Concen: 32.680 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

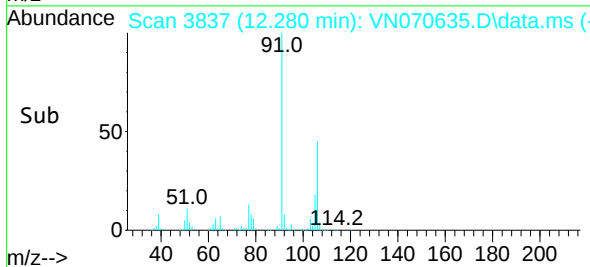
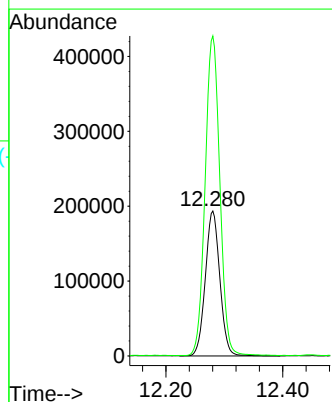
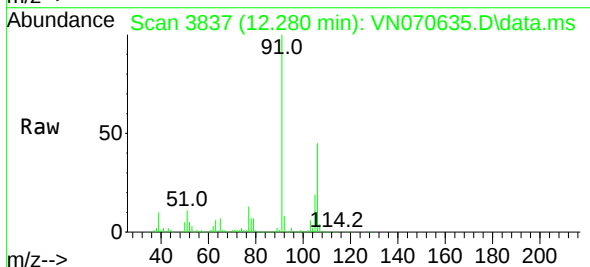
Instrument :
MSVOA_N
ClientSampleId :

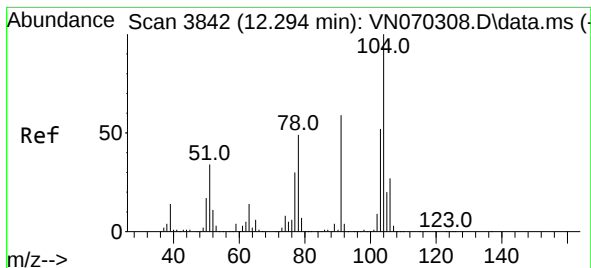
Tgt Ion:106 Resp: 633225
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8



#69
o-Xylene
Concen: 17.322 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion:106 Resp: 333835
Ion Ratio Lower Upper
106 100
91 223.1 105.8 317.3





#70

Styrene

Concen: 0.599 ug/l

RT: 12.277 min Scan# 3836

Delta R.T. -0.017 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

Instrument :

MSVOA_N

ClientSampleId :

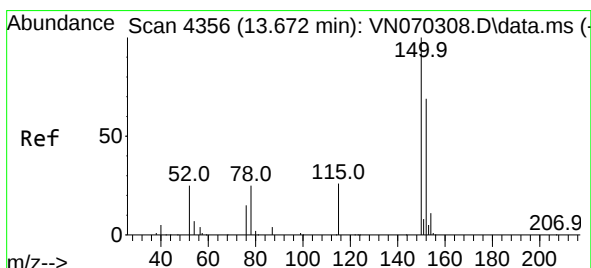
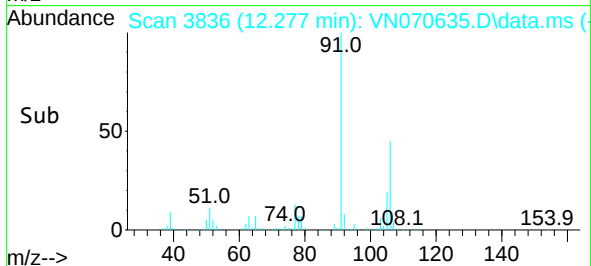
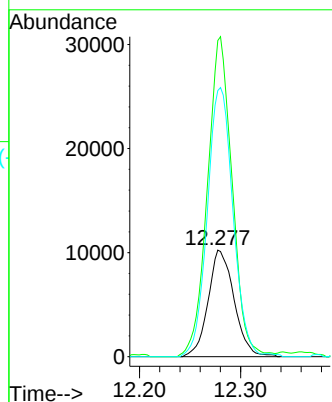
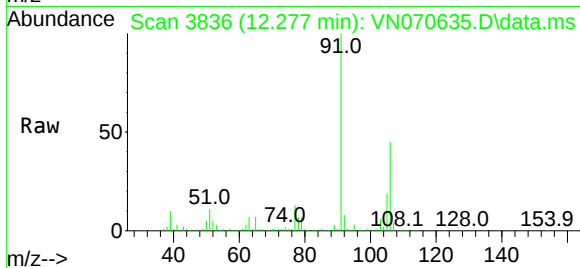
Tgt Ion:104 Resp: 18265

Ion Ratio Lower Upper

104 100

78 286.2 38.7 58.1#

103 249.9 45.0 67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

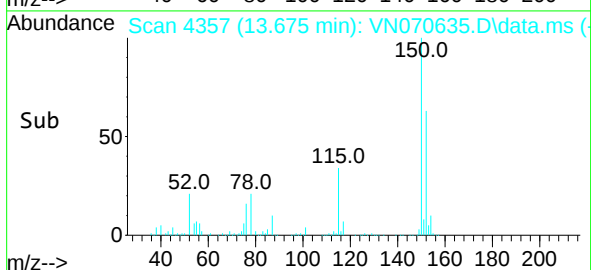
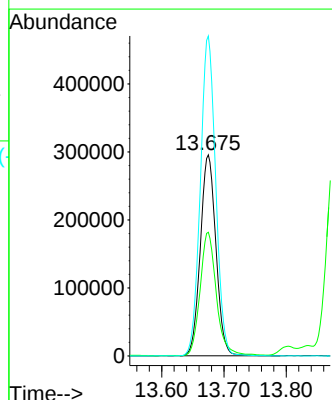
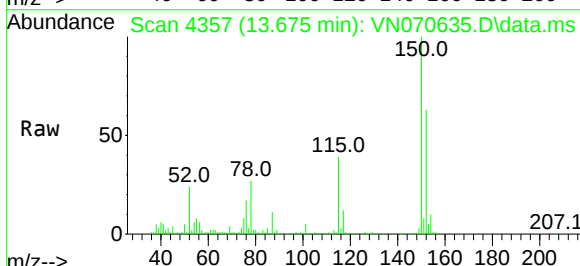
Tgt Ion:152 Resp: 513049

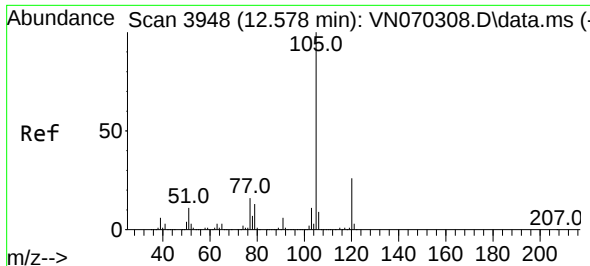
Ion Ratio Lower Upper

152 100

115 64.1 27.5 82.5

150 156.9 0.0 344.4

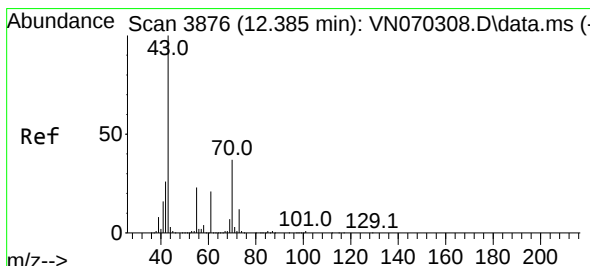
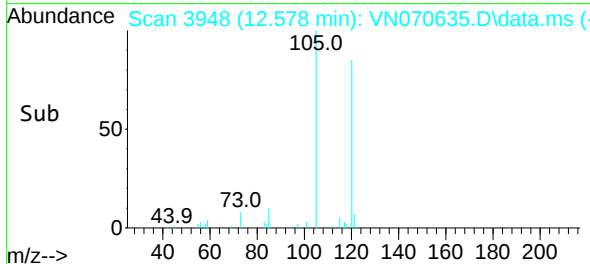
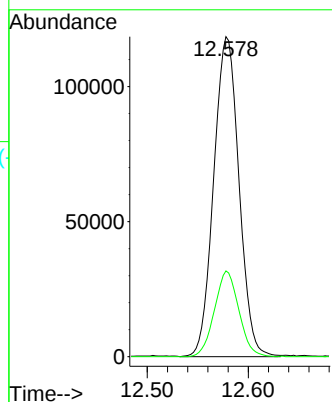
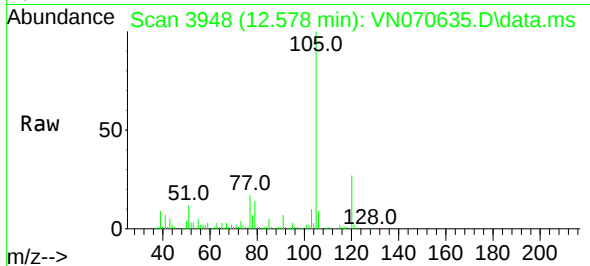




#73
Isopropylbenzene
Concen: 4.318 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

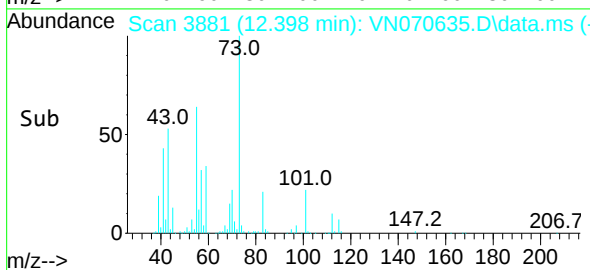
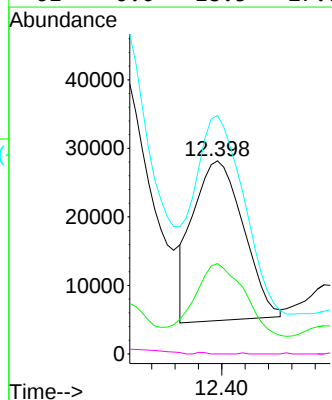
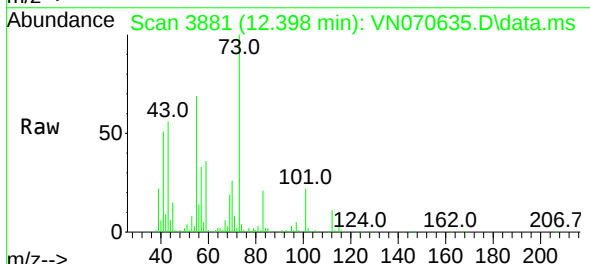
Instrument :
MSVOA_N
ClientSampleId :

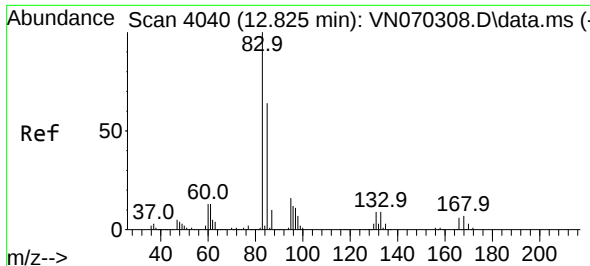
Tgt Ion:105 Resp: 205743
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 1.732 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.013 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 43 Resp: 34705
Ion Ratio Lower Upper
43 100
70 62.4 33.4 50.0#
55 125.6 19.3 28.9#
61 0.0 18.5 27.7#

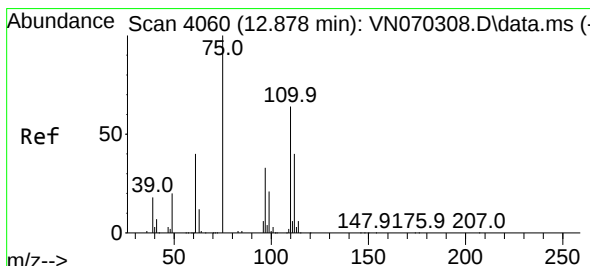
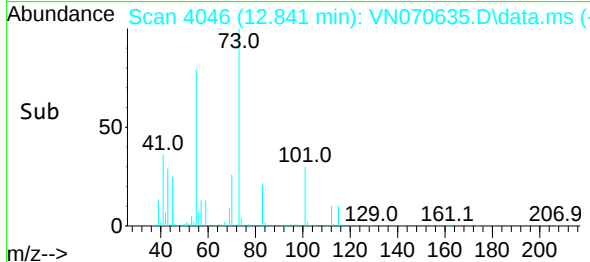
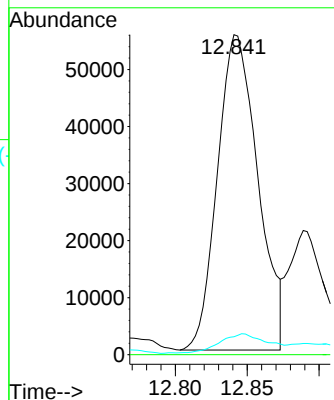
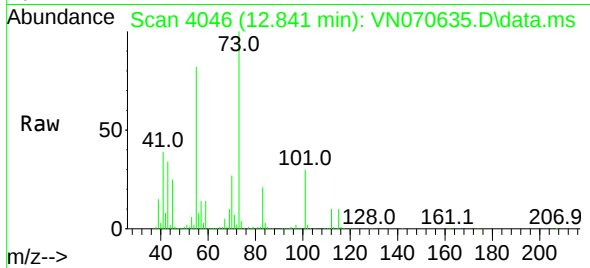




#75
 1,1,2,2-Tetrachloroethane
 Concen: 6.734 ug/l
 RT: 12.841 min Scan# 4040
 Delta R.T. 0.016 min
 Lab File: VN070635.D
 Acq: 14 Jan 2022 20:19

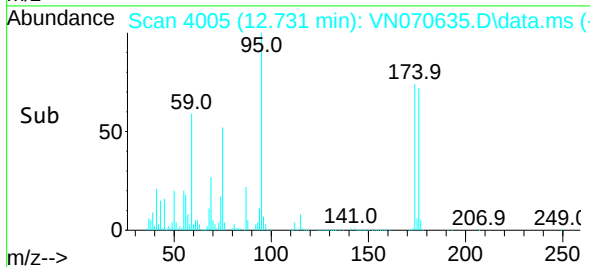
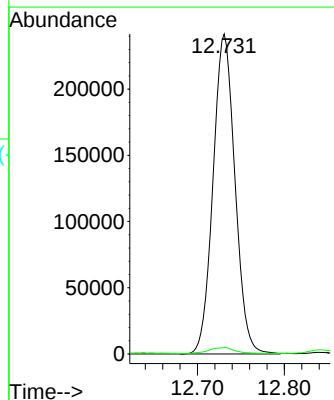
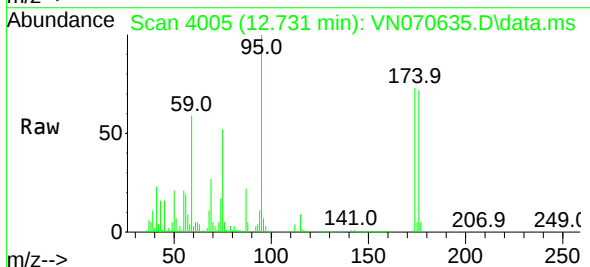
Instrument :
 MSVOA_N
 ClientSampleId :

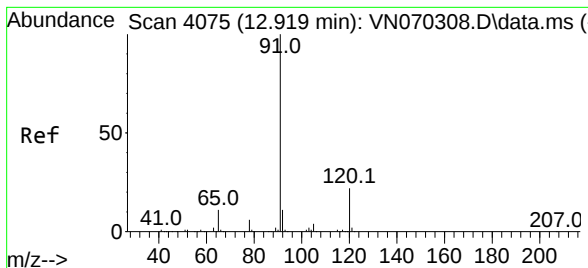
Tgt Ion: 83 Resp: 108485
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 7.4 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 29.068 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070635.D
 Acq: 14 Jan 2022 20:19

Tgt Ion: 75 Resp: 423112
 Ion Ratio Lower Upper
 75 100
 77 2.2 82.6 247.8#





#78

n-propylbenzene

Concen: 5.394 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.002 min

Lab File: VN070635.D

Acq: 14 Jan 2022 20:19

Instrument :

MSVOA_N

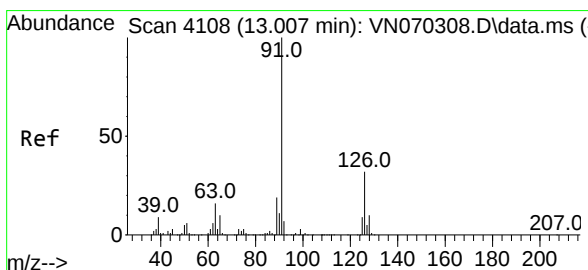
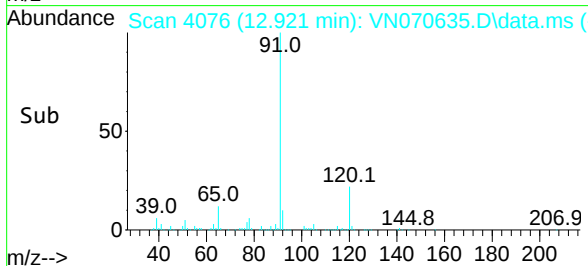
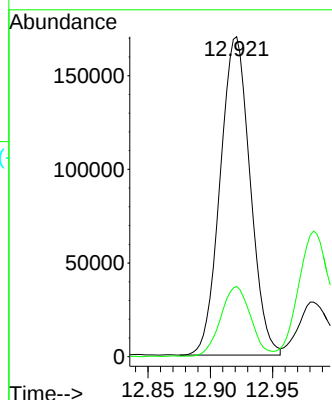
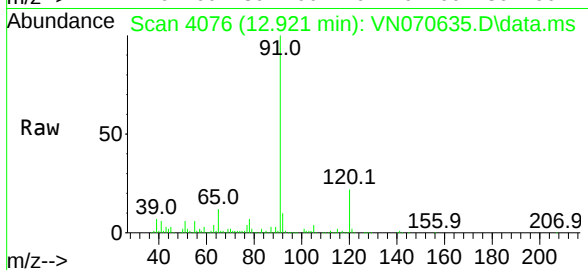
ClientSampleId :

Tgt Ion: 91 Resp: 284737

Ion Ratio Lower Upper

91 100

120 21.9 11.9 35.9



#79

2-Chlorotoluene

Concen: 1.145 ug/l

RT: 12.980 min Scan# 4098

Delta R.T. -0.027 min

Lab File: VN070635.D

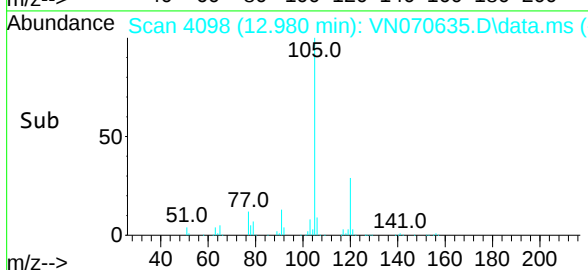
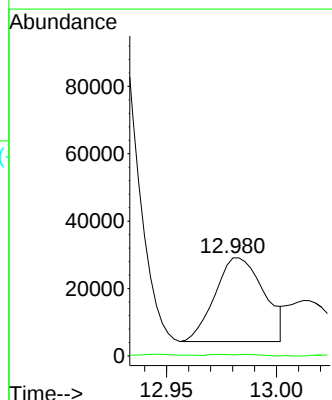
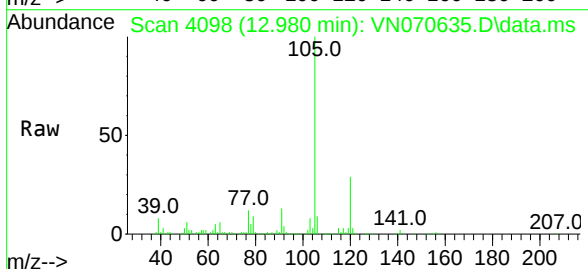
Acq: 14 Jan 2022 20:19

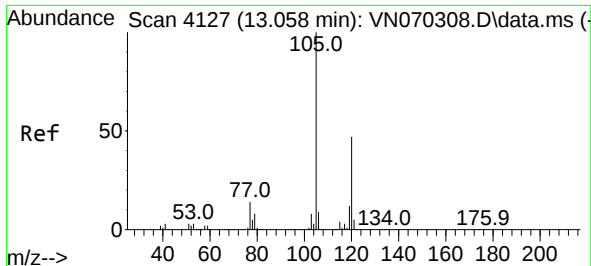
Tgt Ion: 91 Resp: 38783

Ion Ratio Lower Upper

91 100

126 0.8 18.3 54.8#

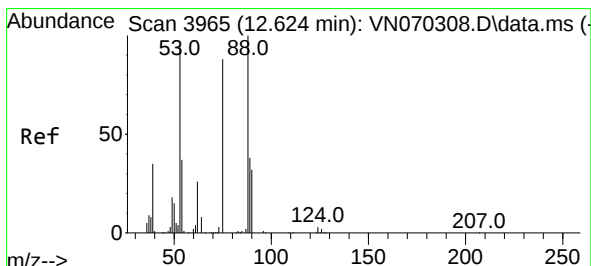
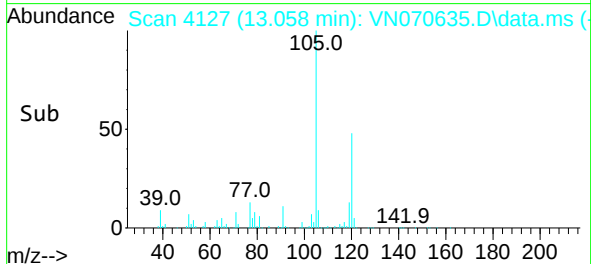
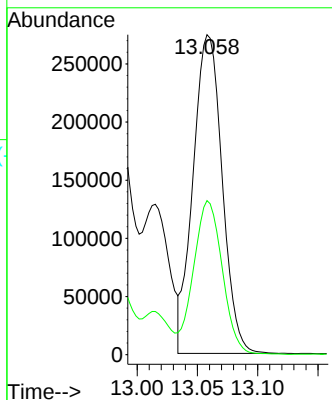
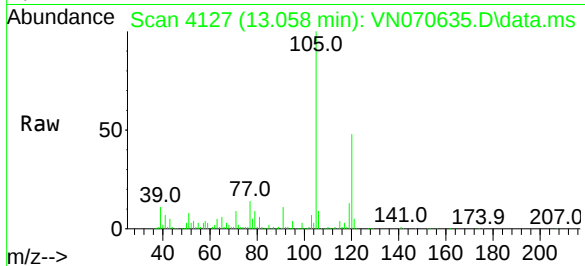




#80
1,3,5-Trimethylbenzene
Concen: 12.023 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

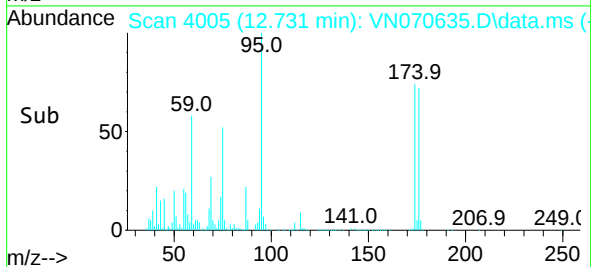
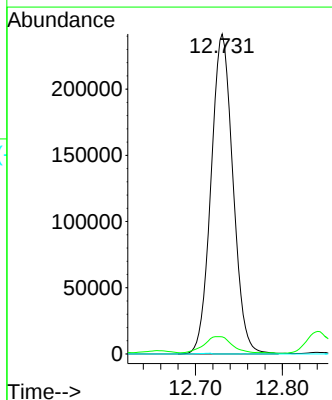
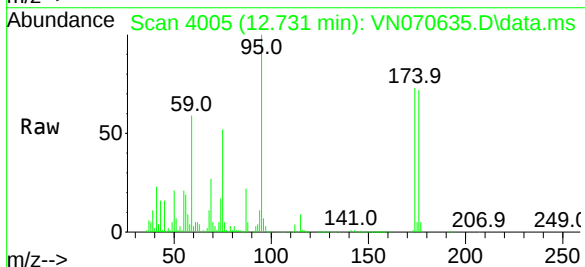
Instrument :
MSVOA_N
ClientSampleId :

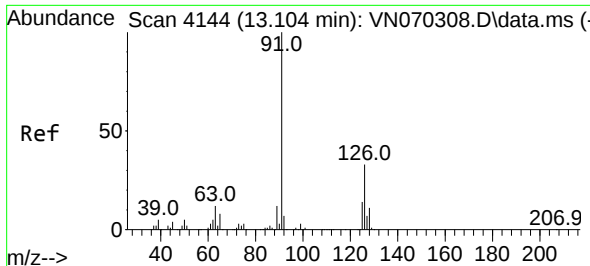
Tgt Ion:105 Resp: 459019
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 100.759 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 75 Resp: 423112
Ion Ratio Lower Upper
75 100
53 6.9 90.5 135.7#
89 0.1 38.2 57.4#

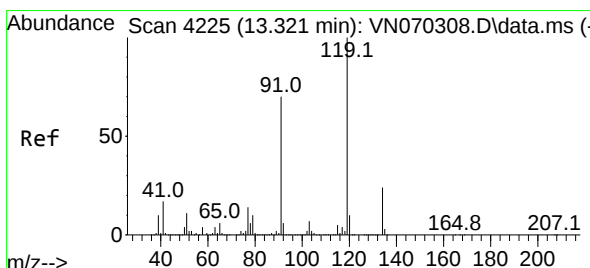
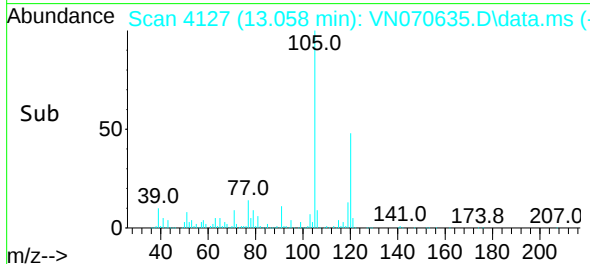
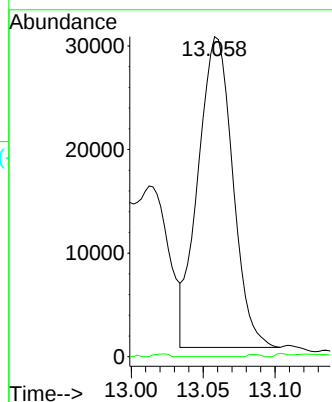
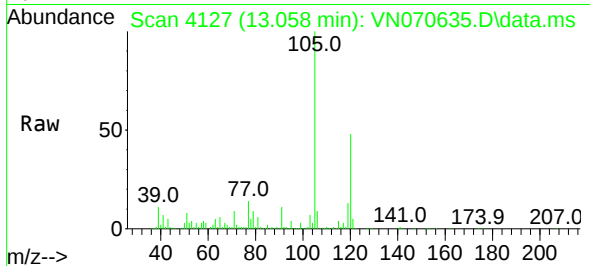




#82
4-Chlorotoluene
Concen: 1.585 ug/l
RT: 13.058 min Scan# 4144
Delta R.T. -0.046 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

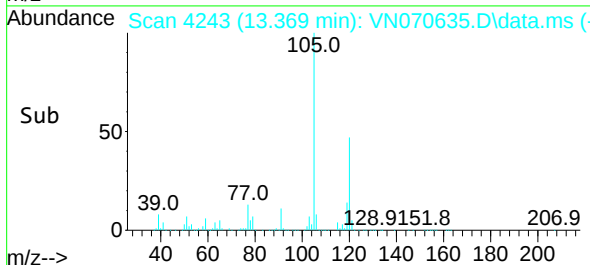
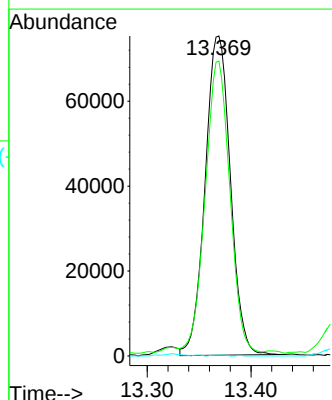
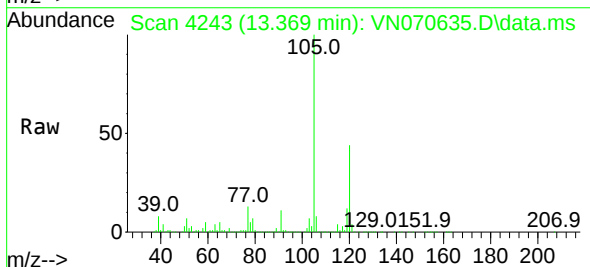
Instrument :
MSVOA_N
ClientSampleId :

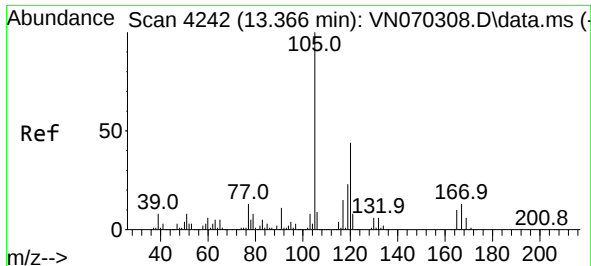
Tgt Ion: 91 Resp: 50274
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 3.785 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.048 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 119 Resp: 127249
Ion Ratio Lower Upper
119 100
91 88.2 31.5 94.5
134 0.0 12.4 37.4#

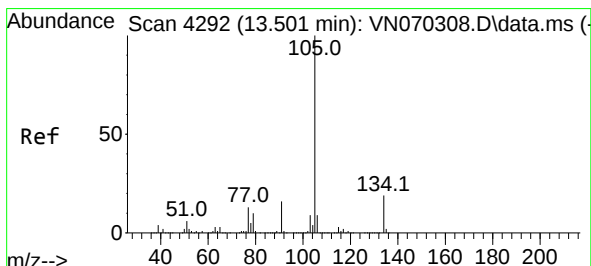
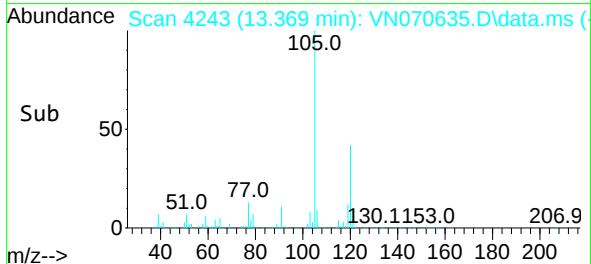
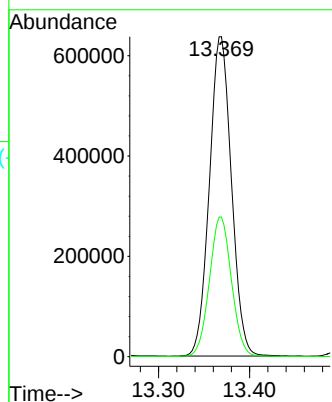
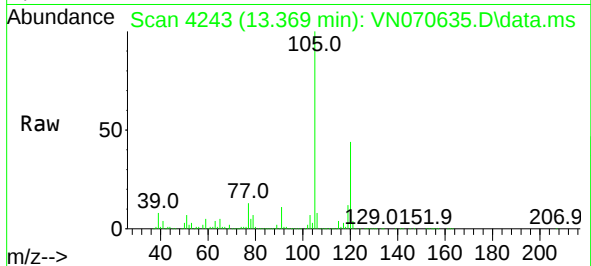




#84
1,2,4-Trimethylbenzene
Concen: 29.026 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

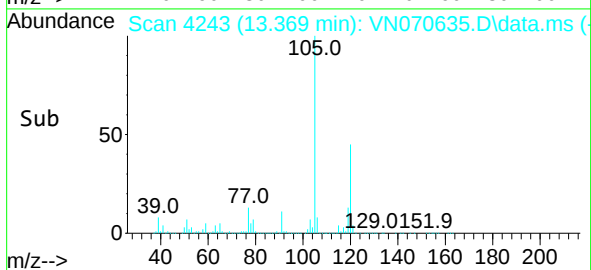
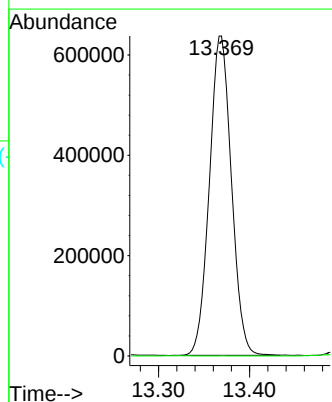
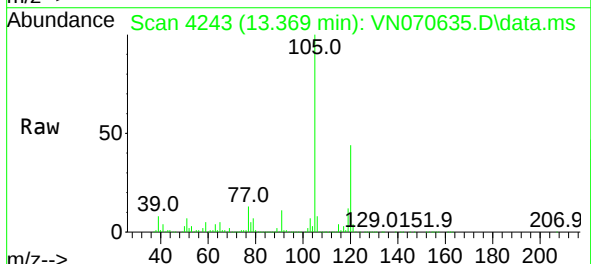
Instrument :
MSVOA_N
ClientSampleId :

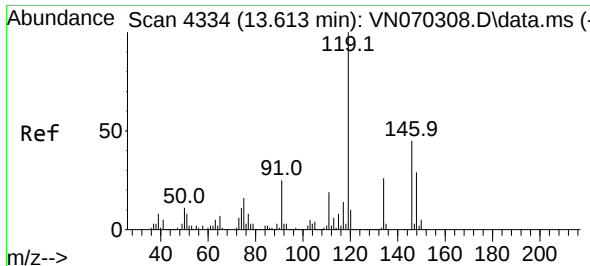
Tgt Ion:105 Resp: 1067135
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4



#85
sec-Butylbenzene
Concen: 23.380 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.132 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion:105 Resp: 1067135
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

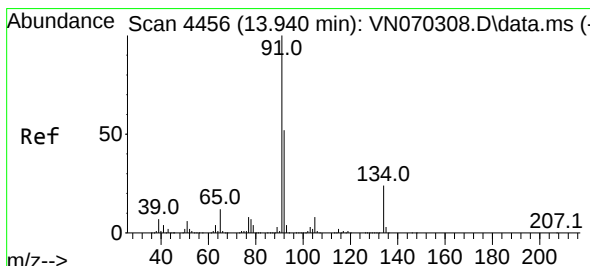
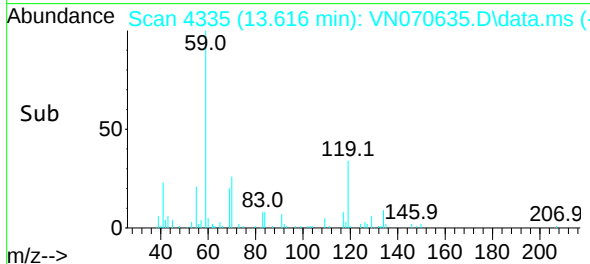
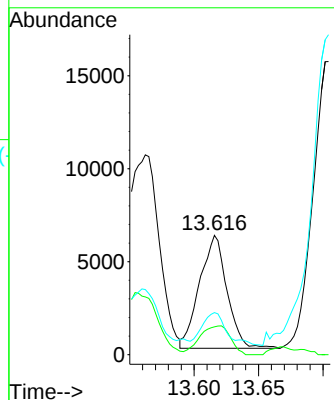
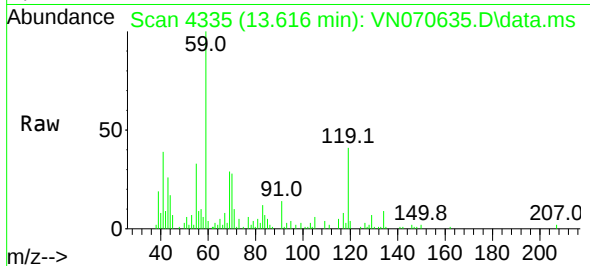




#86
p-Isopropyltoluene
Concen: 0.250 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

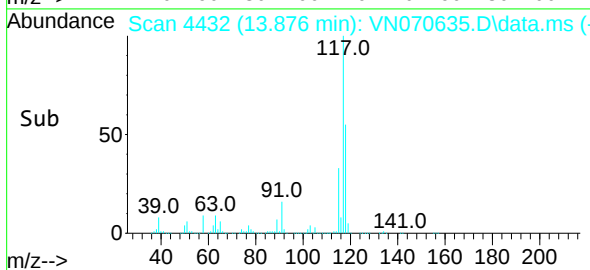
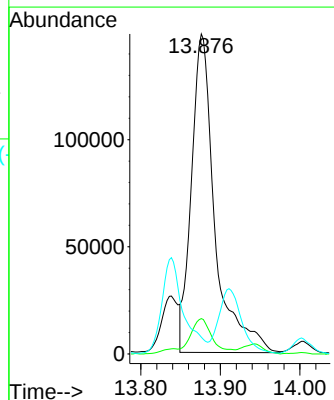
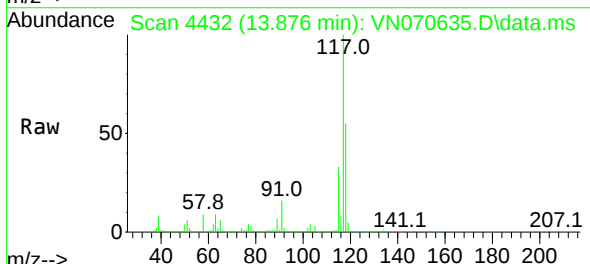
Instrument :
MSVOA_N
ClientSampleId :

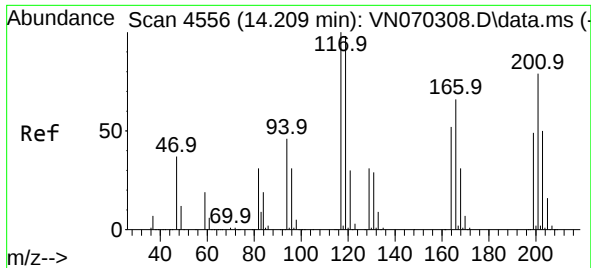
Tgt Ion:119 Resp: 8970
Ion Ratio Lower Upper
119 100
134 28.4 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 10.192 ug/l
RT: 13.876 min Scan# 4432
Delta R.T. -0.064 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 91 Resp: 304801
Ion Ratio Lower Upper
91 100
92 10.3 25.4 76.0#
134 0.0 13.6 40.8#

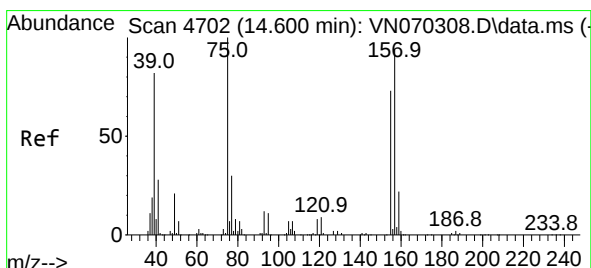
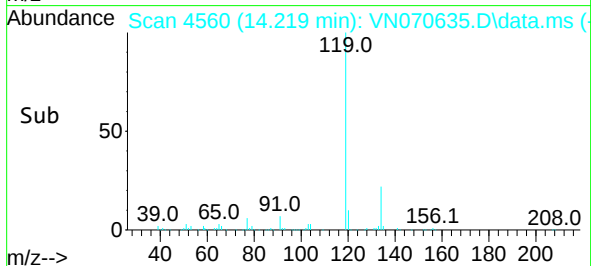
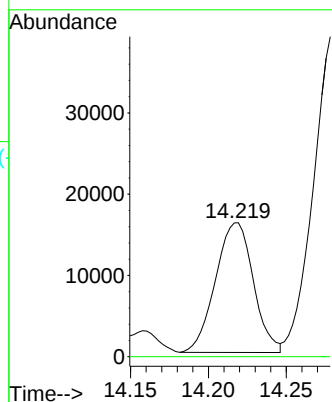
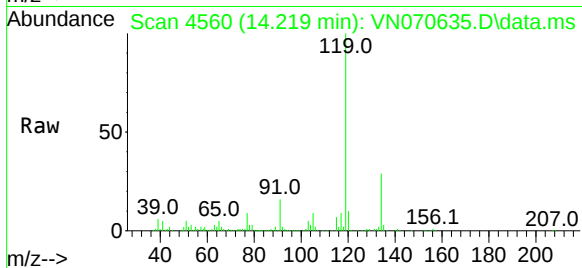




#90
Hexachloroethane
Concen: 4.345 ug/l
RT: 14.219 min Scan# 41
Delta R.T. 0.010 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

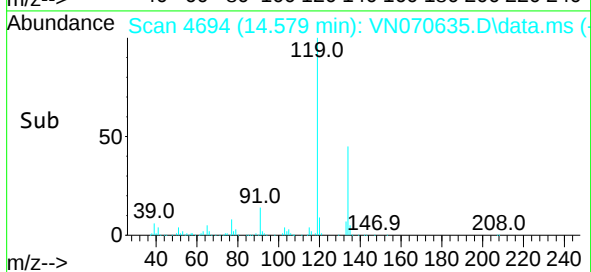
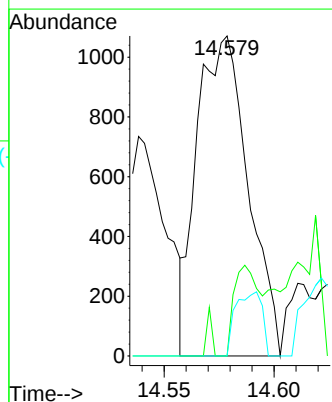
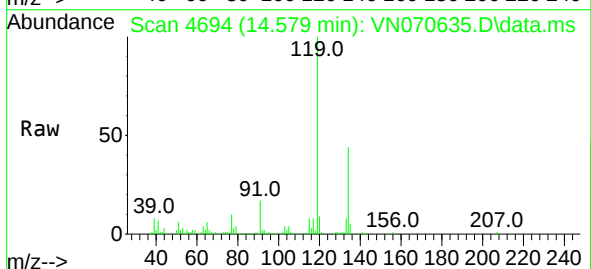
Instrument :
MSVOA_N
ClientSampleId :

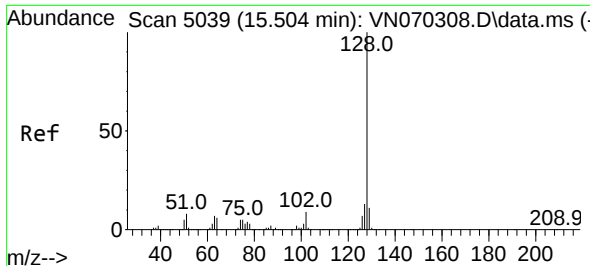
Tgt Ion:117 Resp: 27066
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.627 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.021 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion: 75 Resp: 1730
Ion Ratio Lower Upper
75 100
155 13.9 46.9 140.7#
157 10.3 60.6 181.7#

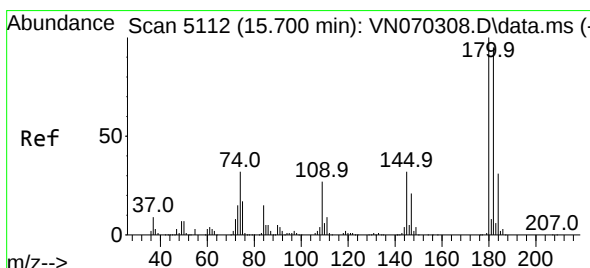
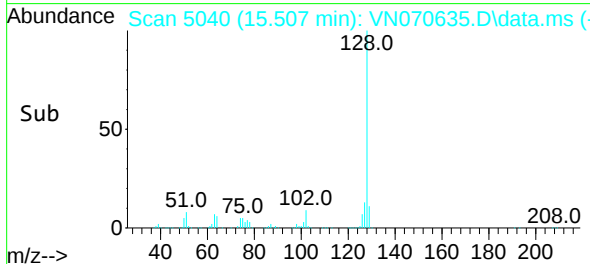
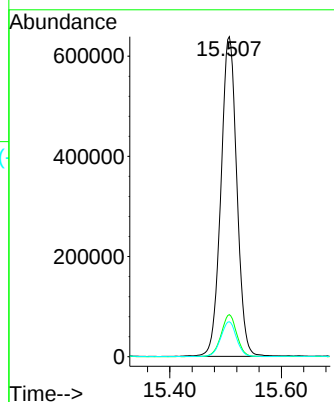
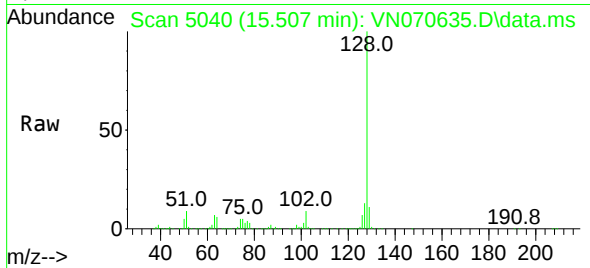




#95
Naphthalene
Concen: 53.973 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1265134
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.887 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070635.D
Acq: 14 Jan 2022 20:19

Tgt Ion:180 Resp: 501
Ion Ratio Lower Upper
180 100
182 84.4 47.4 142.2
145 0.0 15.0 45.1#

