

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070458.D
 Acq On : 4 Jan 2022 12:55
 Operator : JC/MD
 Sample : M5251-03DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:14:30 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	8.083	168	1154537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1932088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1743550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	658288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	810199	48.807	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.620%
35) Dibromofluoromethane	8.019	113	553811	47.374	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.740%
50) Toluene-d8	10.438	98	2298110	48.123	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.728	95	891621	51.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.380%

Target Compounds			Qvalue			
3) Chloromethane	2.303	50	4284	0.241	ug/l #	75
5) Bromomethane	2.850	94	2240	0.268	ug/l	96
13) Acrolein	3.985	56	14035	6.258	ug/l #	1
14) Allyl chloride	4.940	41	28050	1.052	ug/l #	56
16) Acetone	4.285	43	85910	7.972	ug/l #	84
18) Methyl Acetate	5.079	43	238073	7.638	ug/l #	51
20) Methylene Chloride	5.090	84	13987	0.938	ug/l #	61
25) 2-Butanone	7.343	43	32441	2.391	ug/l #	84
29) Tetrahydrofuran	7.697	42	2664	0.329	ug/l #	41
30) Chloroform	7.772	83	9019	0.347	ug/l #	18
31) Cyclohexane	8.086	56	114718	4.379	ug/l #	79
36) 1,1-Dichloropropene	8.083	75	93466	4.833	ug/l #	49
37) Ethyl Acetate	7.343	43	32441	1.294	ug/l #	68
38) Carbon Tetrachloride	8.083	117	115198	6.238	ug/l #	16
39) Methylcyclohexane	9.459	83	65934	2.816	ug/l	90
43) Isopropyl Acetate	8.558	43	15970	0.404	ug/l #	56
48) Methyl methacrylate	9.507	41	5820	0.309	ug/l #	38
49) 1,4-Dioxane	9.566	88	203	0.736	ug/l #	27
51) 4-Methyl-2-Pentanone	10.328	43	15841	0.638	ug/l #	86
52) Toluene	10.502	92	526810	14.680	ug/l	98
55) 1,1,2-Trichloroethane	10.870	97	8536	0.601	ug/l #	23
58) 2-Chloroethyl Vinyl ether	10.041	63	6711	19.550	ug/l #	87
59) 2-Hexanone	11.081	43	29931	1.653	ug/l	85
67) Ethyl Benzene	11.843	91	1520457	22.432	ug/l	97
68) m/p-Xylenes	11.948	106	2297662	93.124	ug/l	93
69) o-Xylene	12.278	106	766305	31.225	ug/l	91
70) Styrene	12.280	104	45908	1.182	ug/l #	1
73) Isopropylbenzene	12.575	105	117912	1.929	ug/l	98
74) N-amyl acetate	12.388	43	19976	0.777	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.827	83	3279	0.593	ug/l	86
76) 1,2,3-Trichloropropane	12.728	75	468576	25.463	ug/l #	1
78) n-propylbenzene	12.919	91	363962	5.374	ug/l	95
79) 2-Chlorotoluene	13.012	91	56790	1.307	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.055	105	627777	12.815	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.728	75	468576	86.967	ug/l #	5
82) 4-Chlorotoluene	13.055	91	68504	1.683	ug/l #	38

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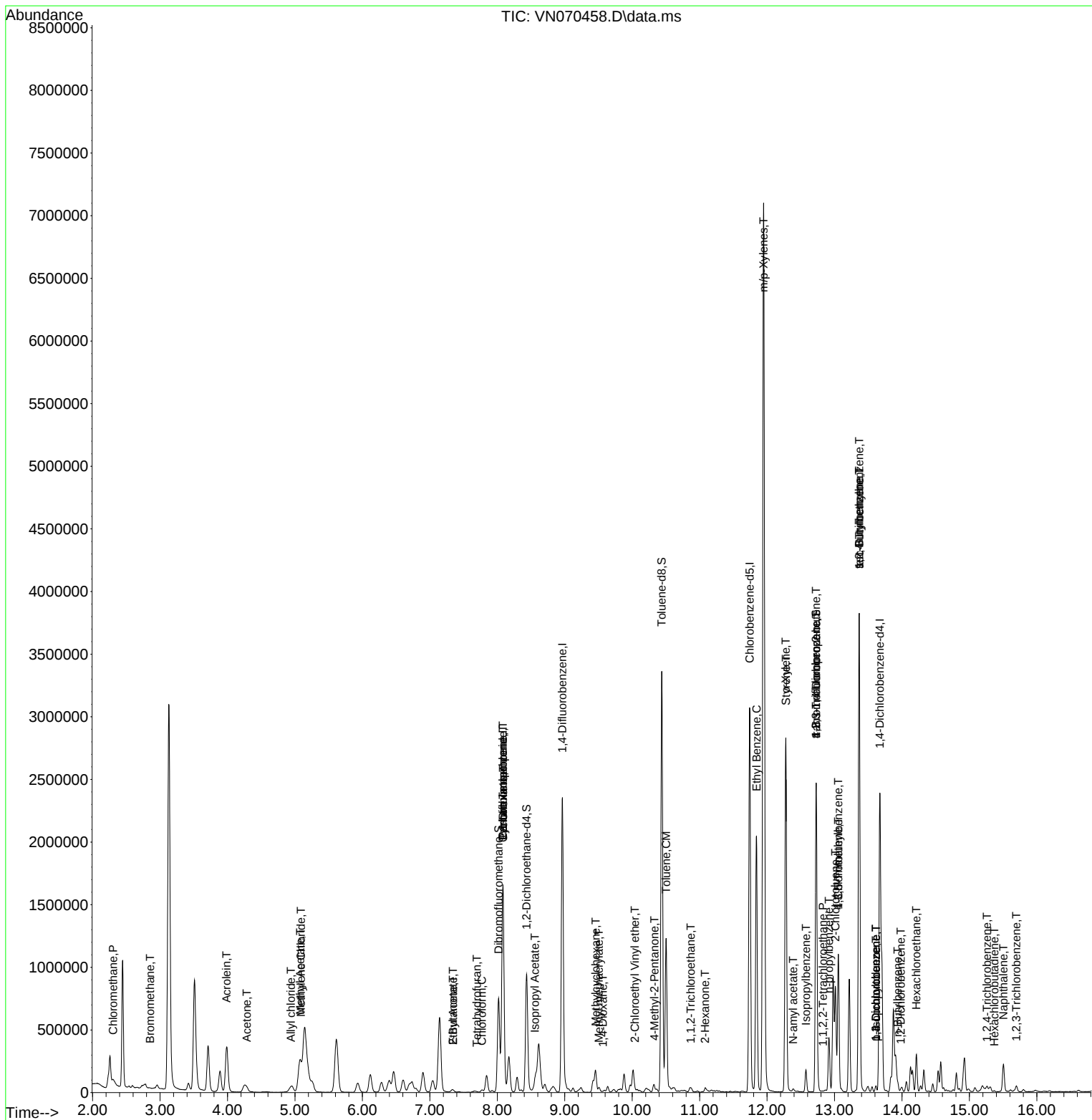
Quant Time: Jan 05 03:14:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
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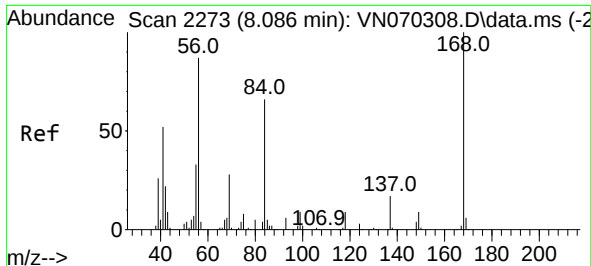
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	13.367	119	271606	6.297	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.367	105	2231399	47.303	ug/l	98
85) sec-Butylbenzene	13.367	105	2231399	38.102	ug/l #	56
86) p-Isopropyltoluene	13.613	119	18215	0.396	ug/l #	77
87) 1,3-Dichlorobenzene	13.613	146	7172	0.305	ug/l	93
88) 1,4-Dichlorobenzene	13.613	146	7172	0.309	ug/l	93
89) n-Butylbenzene	13.938	91	32786	0.854	ug/l #	73
90) Hexachloroethane	14.214	117	16513	2.066	ug/l #	6
91) 1,2-Dichlorobenzene	13.981	146	7826	0.340	ug/l	92
93) 1,2,4-Trichlorobenzene	15.263	180	14359	1.323	ug/l	94
94) Hexachlorobutadiene	15.370	225	1765	0.280	ug/l	90
95) Naphthalene	15.504	128	204274	8.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	16313	2.372	ug/l	92

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

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QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

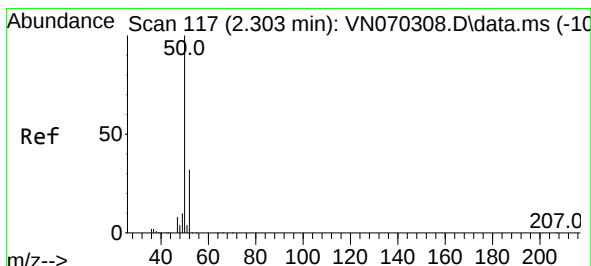
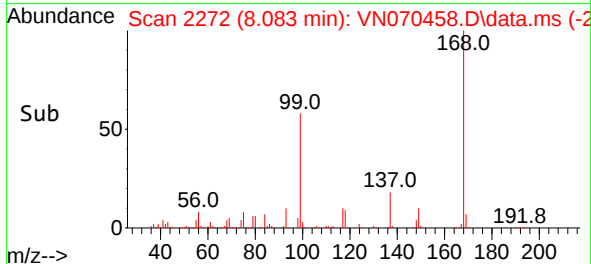
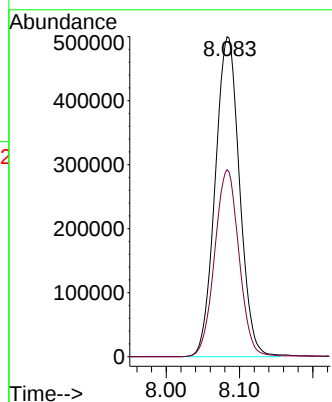
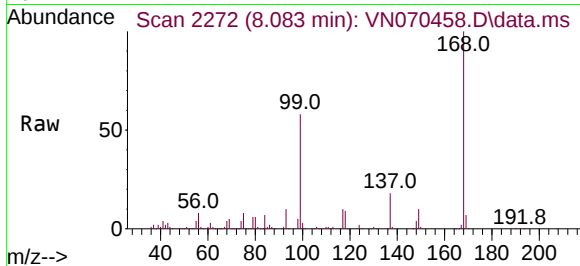




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

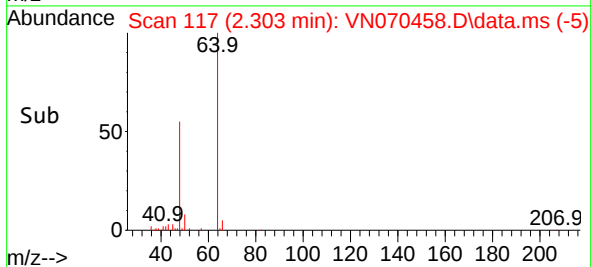
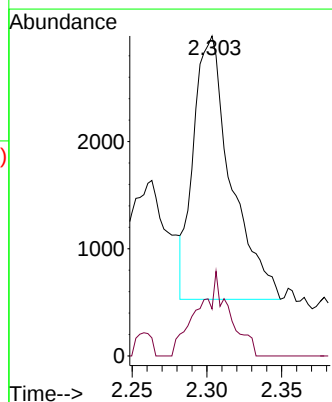
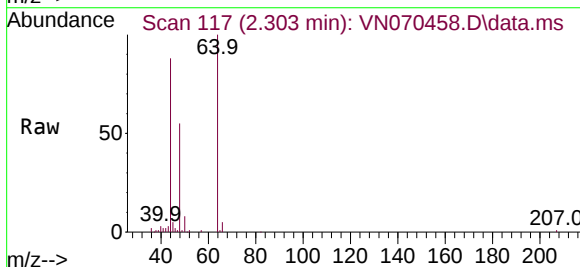
Instrument :
MSVOA_N
ClientSampleId :

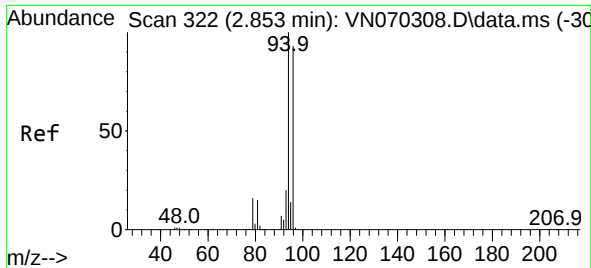
Tgt Ion:168 Resp: 1154537
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9



#3
Chloromethane
Concen: 0.241 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

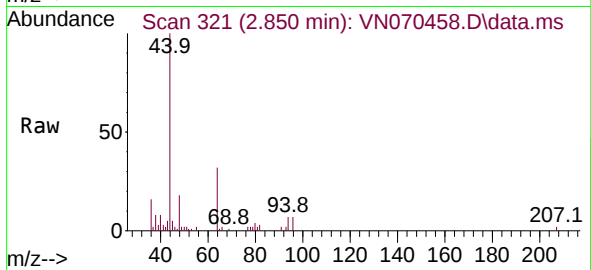
Tgt Ion: 50 Resp: 4284
Ion Ratio Lower Upper
50 100
52 17.9 25.4 38.0#



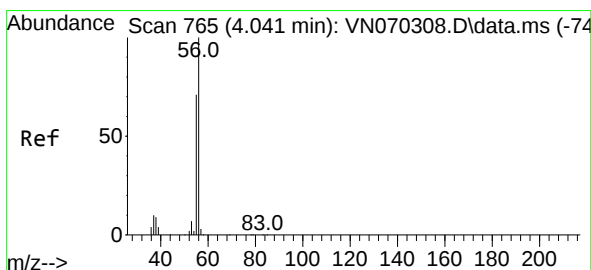
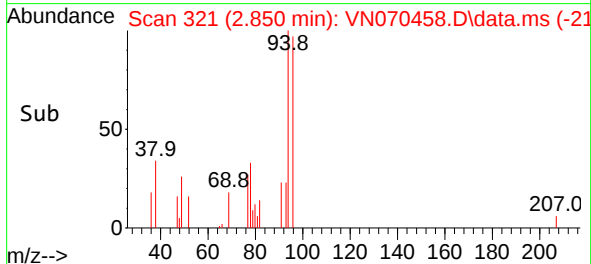
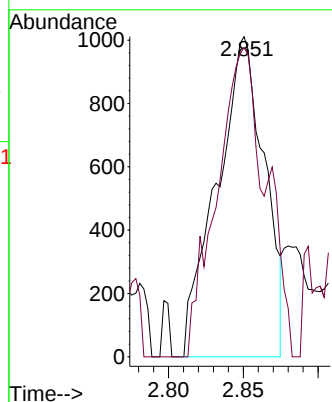


#5
Bromomethane
Concen: 0.268 ug/l
RT: 2.850 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :

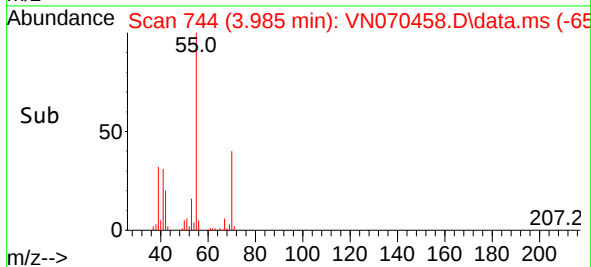
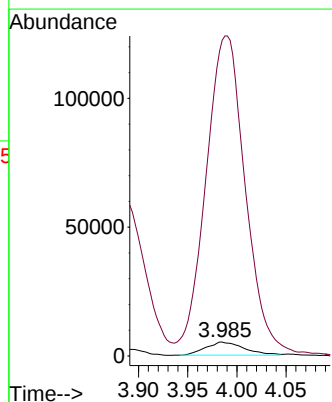
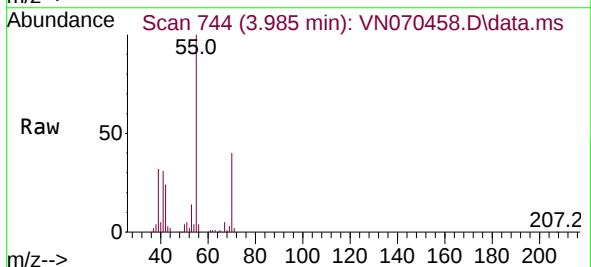


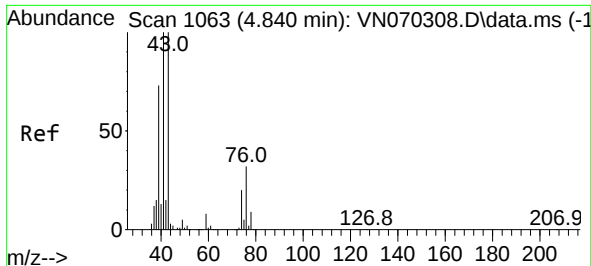
Tgt Ion: 94 Resp: 2240
Ion Ratio Lower Upper
94 100
96 96.5 73.8 110.8



#13
Acrolein
Concen: 6.258 ug/l
RT: 3.985 min Scan# 744
Delta R.T. -0.056 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 56 Resp: 14035
Ion Ratio Lower Upper
56 100
55 2465.5 56.6 85.0#





#14

Allyl chloride

Concen: 1.052 ug/l

RT: 4.940 min Scan# 1100

Delta R.T. 0.100 min

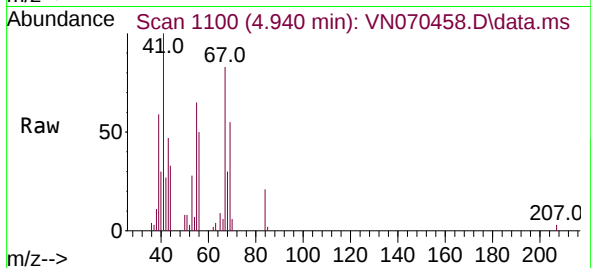
Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

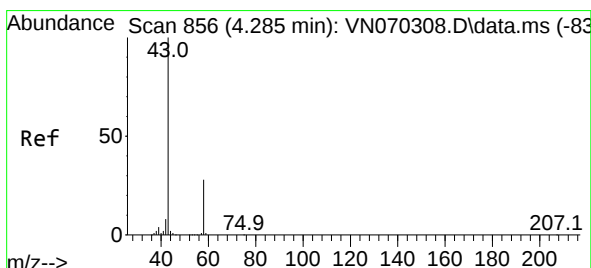
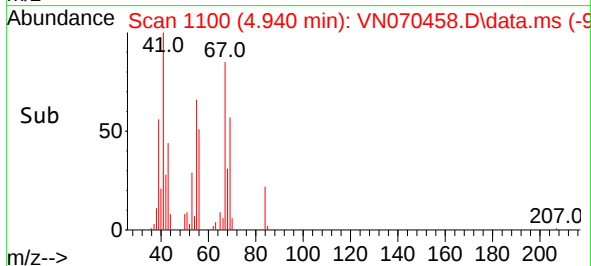
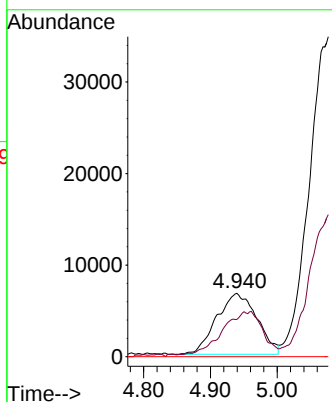
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	28050
Ion	Ratio	Lower	Upper
41	100		
39	43.2	61.2	91.8#
76	0.0	26.0	39.0#



#16

Acetone

Concen: 7.972 ug/l

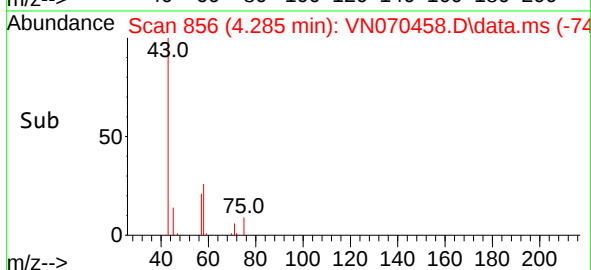
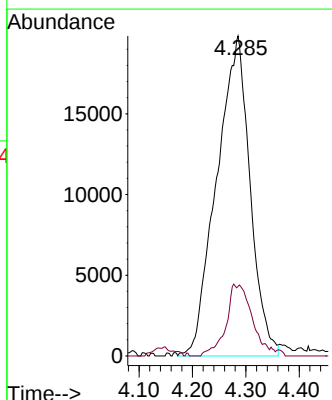
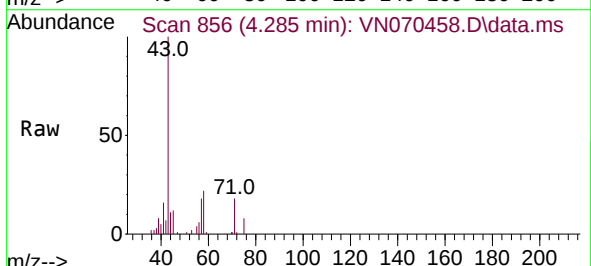
RT: 4.285 min Scan# 856

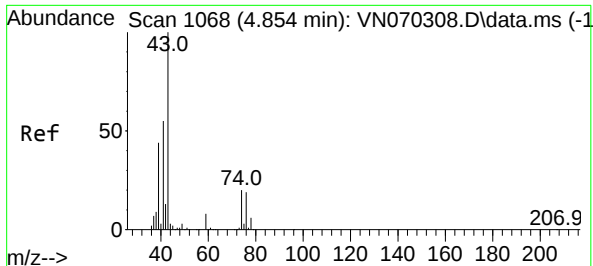
Delta R.T. 0.000 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

Tgt Ion:	43	Resp:	85910
Ion	Ratio	Lower	Upper
43	100		
58	20.3	23.1	34.7#





#18

Methyl Acetate

Concen: 7.638 ug/l

RT: 5.079 min Scan# 1152

Delta R.T. 0.225 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

Instrument :

MSVOA_N

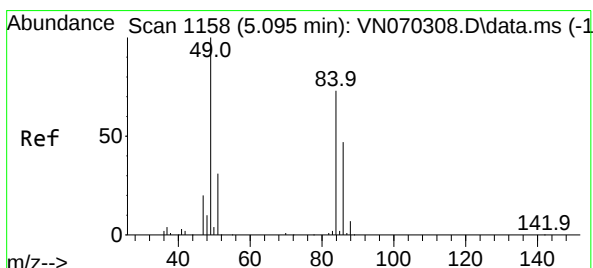
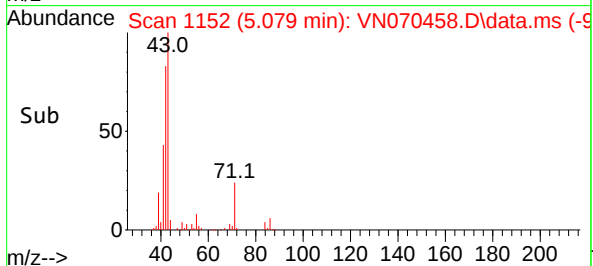
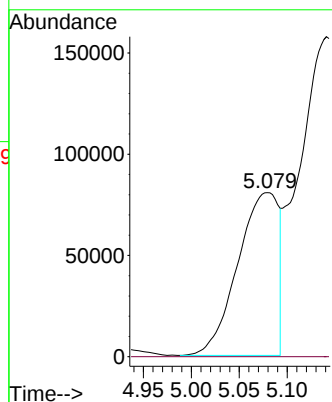
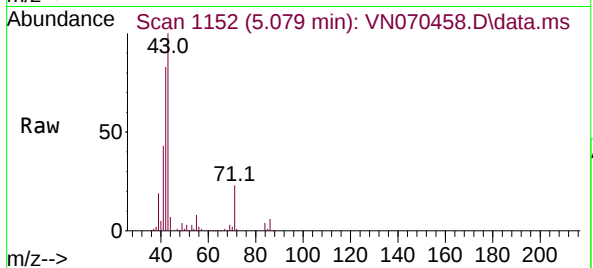
ClientSampleId :

Tgt Ion: 43 Resp: 238073

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 0.938 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.005 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

Tgt Ion: 84 Resp: 13987

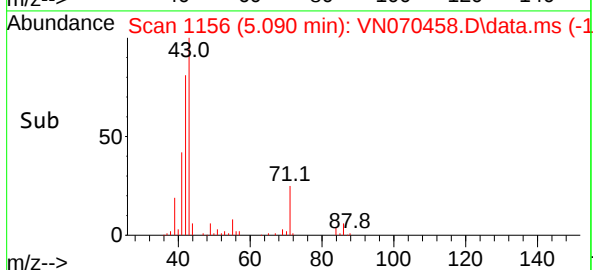
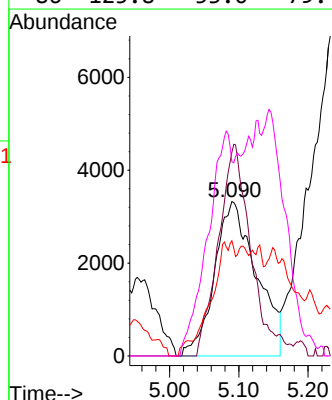
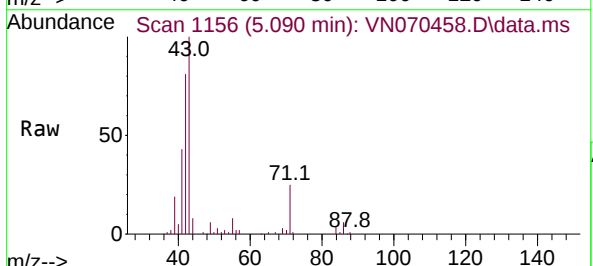
Ion Ratio Lower Upper

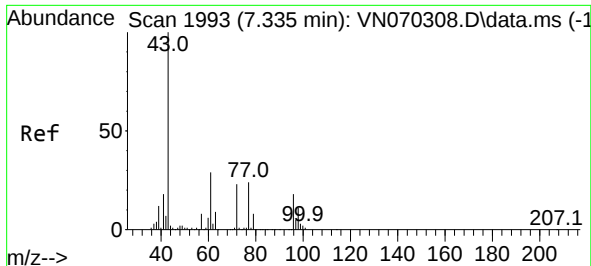
84 100

49 131.9 93.5 140.3

51 69.5 29.4 44.2#

86 125.8 53.0 79.4#





#25

2-Butanone

Concen: 2.391 ug/l

RT: 7.343 min Scan# 1993

Delta R.T. 0.008 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

Instrument :

MSVOA_N

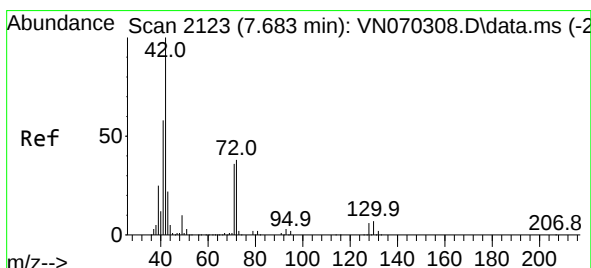
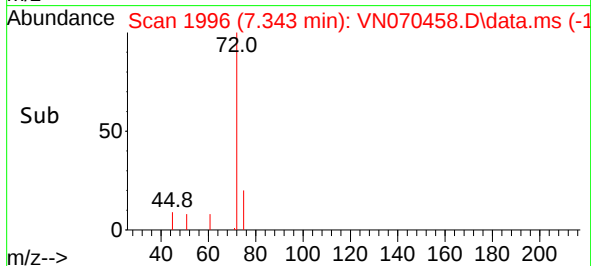
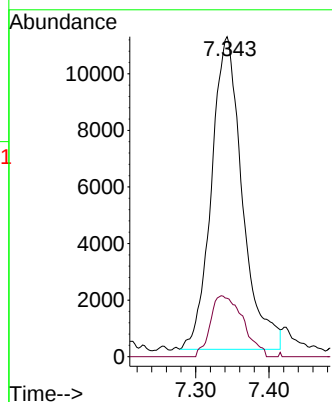
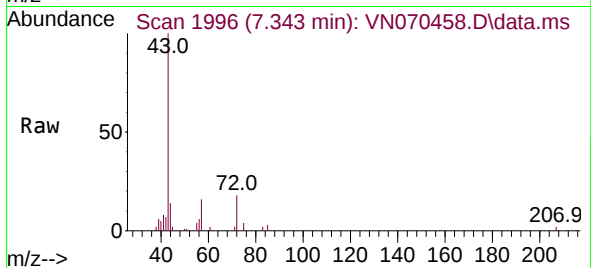
ClientSampleId :

Tgt Ion: 43 Resp: 32441

Ion Ratio Lower Upper

43 100

72 18.7 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.329 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

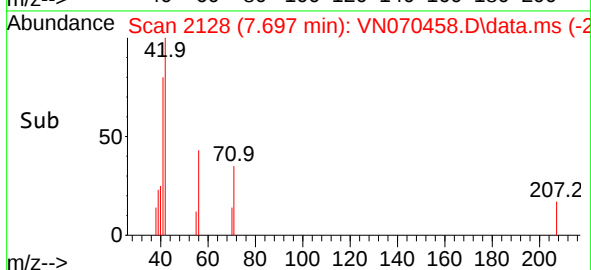
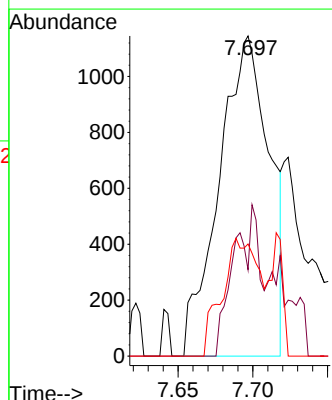
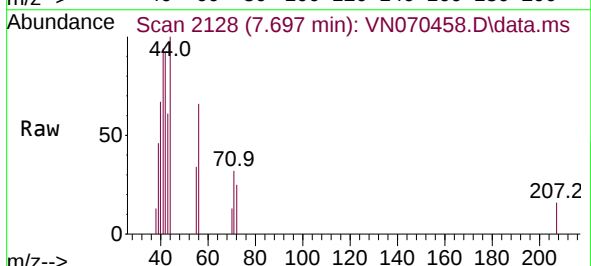
Tgt Ion: 42 Resp: 2664

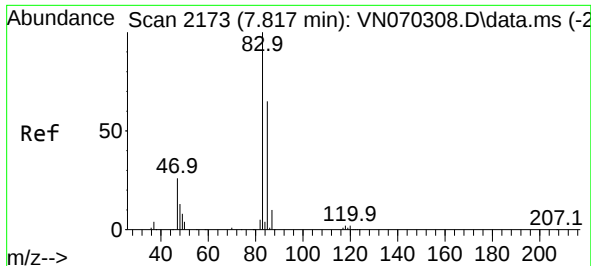
Ion Ratio Lower Upper

42 100

72 4.5 36.3 54.5#

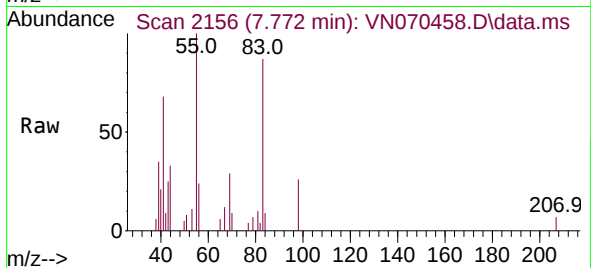
71 8.0 34.7 52.1#



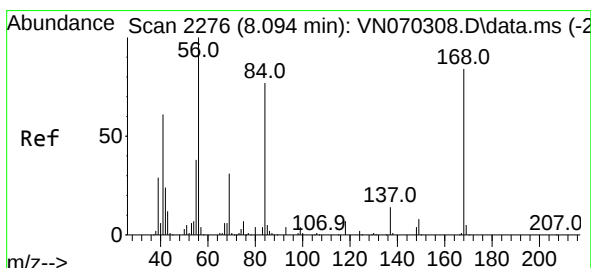
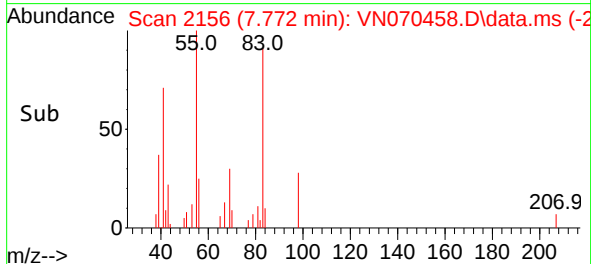
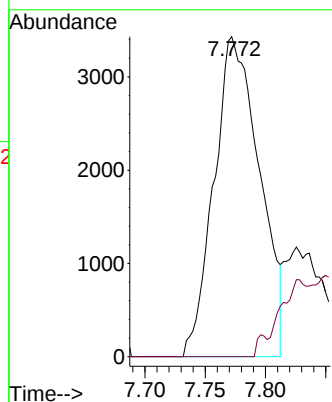


#30
Chloroform
Concen: 0.347 ug/l
RT: 7.772 min Scan# 2156
Delta R.T. -0.045 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Instrument :
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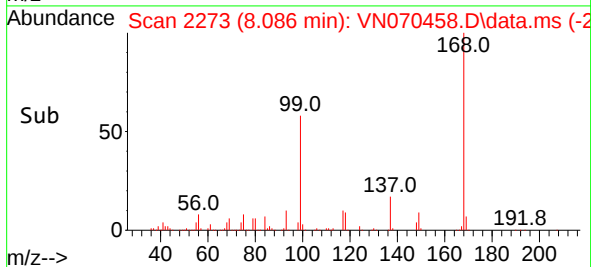
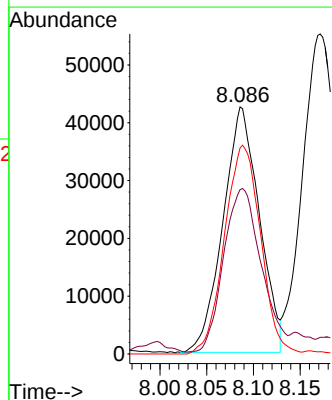
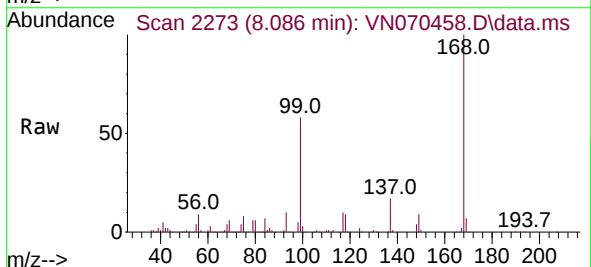


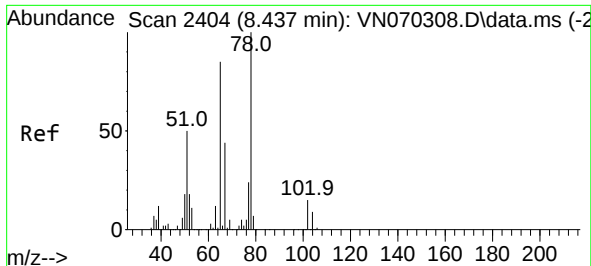
Tgt Ion: 83 Resp: 9019
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



#31
Cyclohexane
Concen: 4.379 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 56 Resp: 114718
Ion Ratio Lower Upper
56 100
69 65.6 27.1 40.7#
84 83.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 48.807 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

Instrument :

MSVOA_N

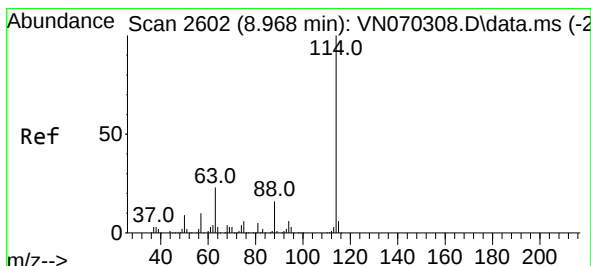
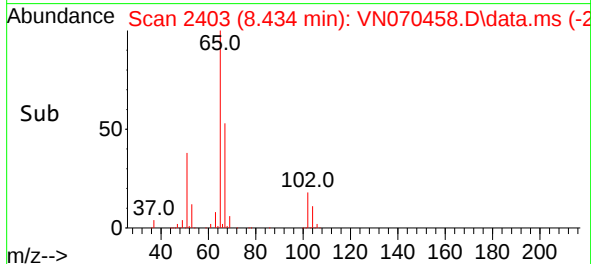
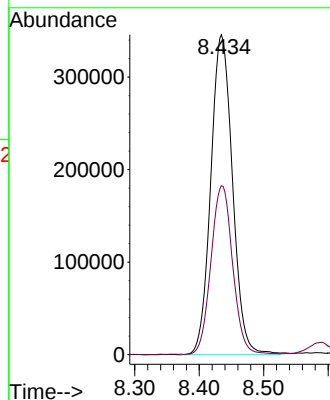
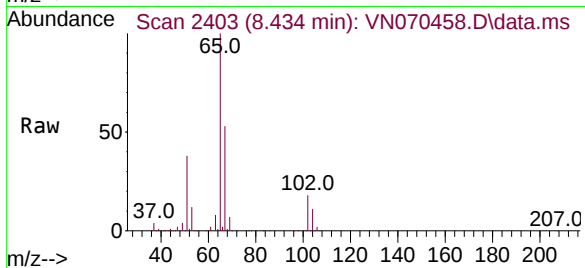
ClientSampleId :

Tgt Ion: 65 Resp: 810199

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

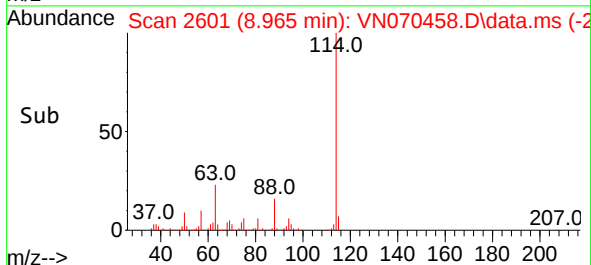
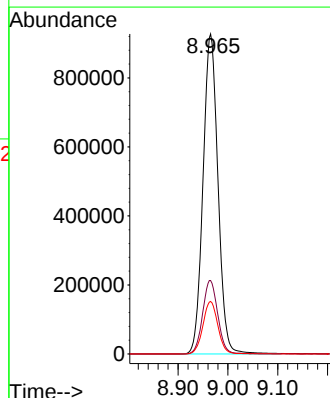
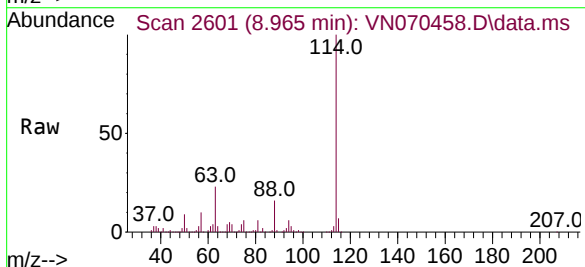
Tgt Ion: 114 Resp: 1932088

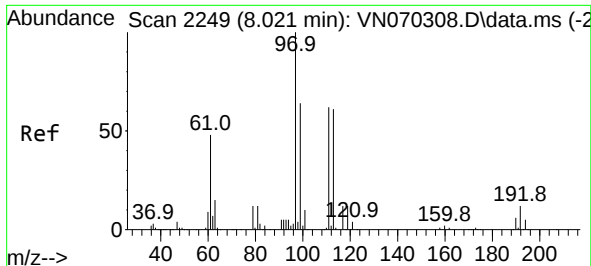
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

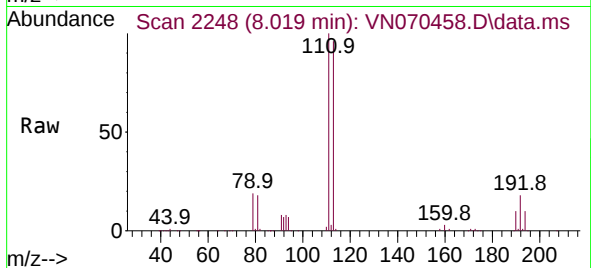
88 16.4 0.0 27.4



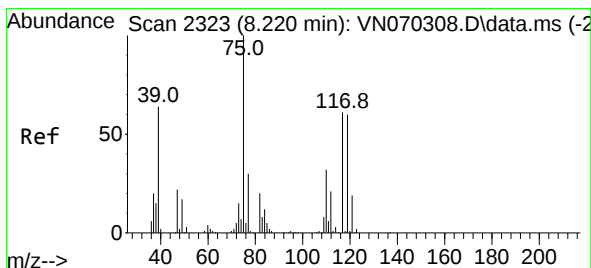
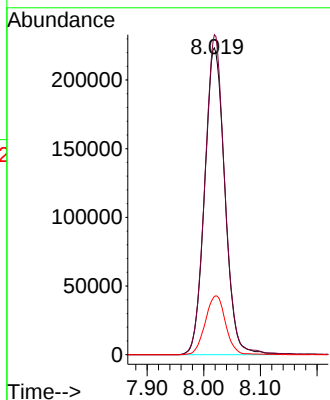
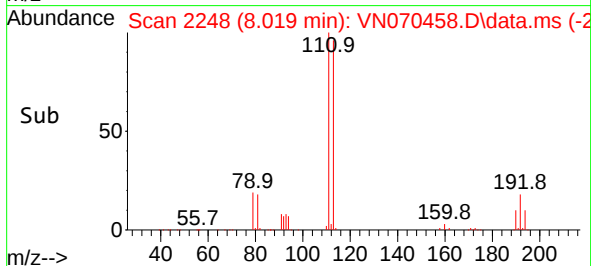


#35
 Dibromofluoromethane
 Concen: 47.374 ug/l
 RT: 8.019 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :

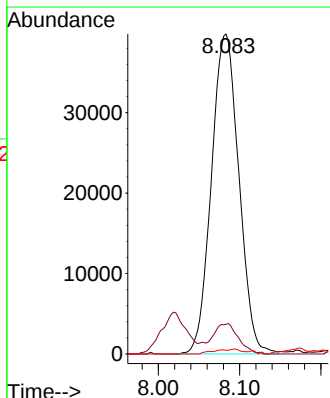
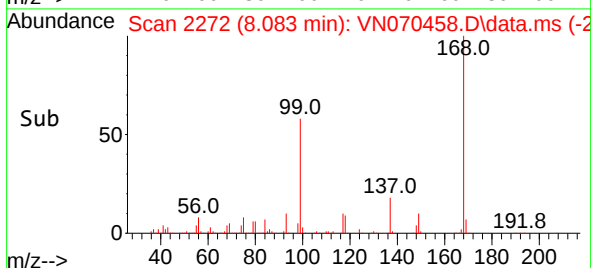
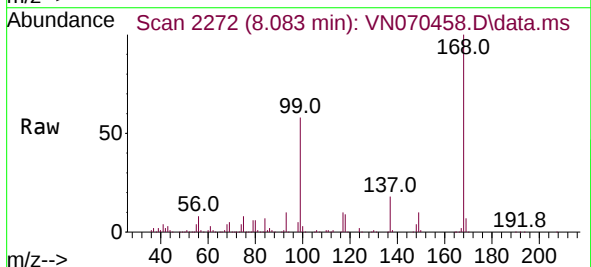


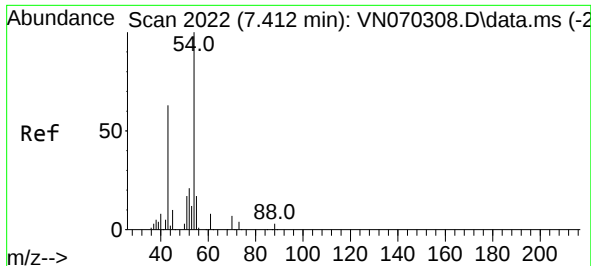
Tgt Ion:113 Resp: 553811
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 19.4 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.833 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.137 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

Tgt Ion: 75 Resp: 93466
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.2#
 77 0.8 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.294 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. -0.069 min

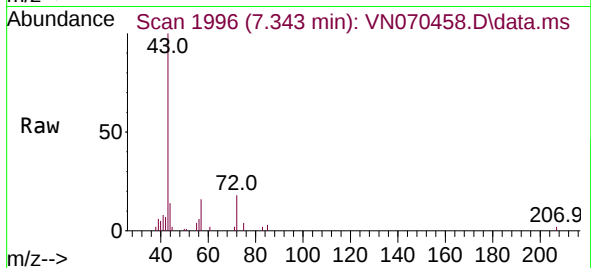
Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :



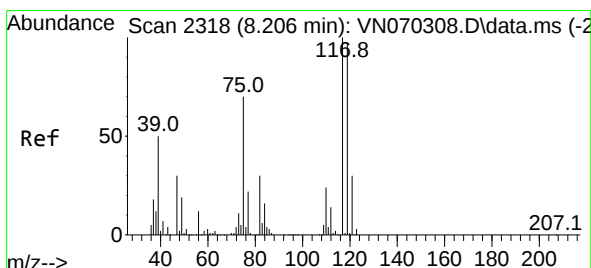
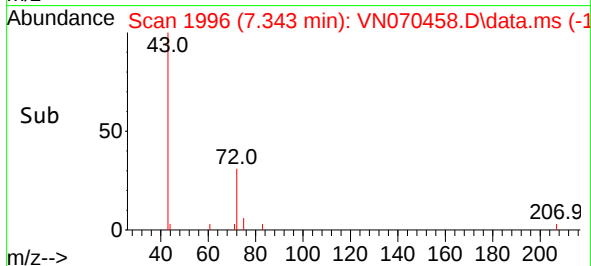
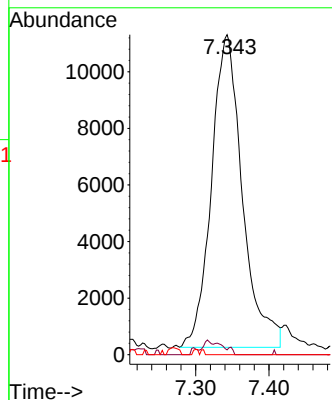
Tgt Ion: 43 Resp: 32441

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.238 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.123 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

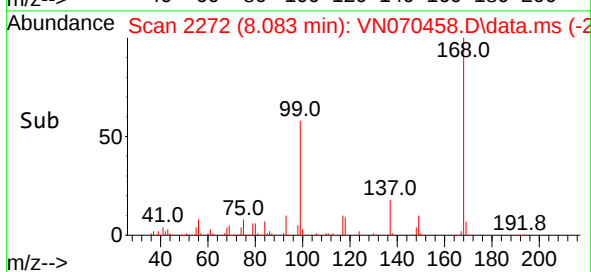
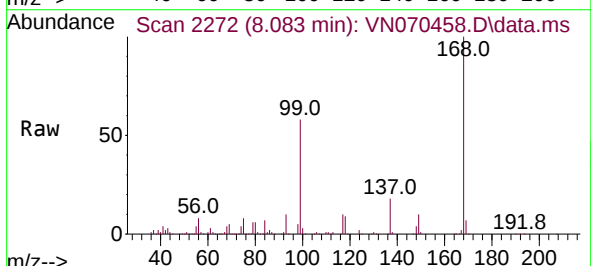
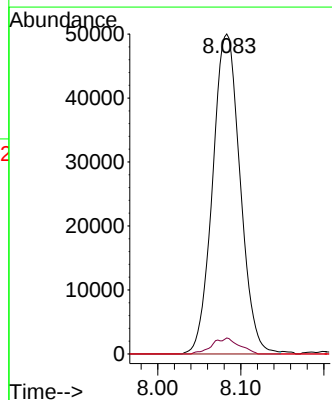
Tgt Ion: 117 Resp: 115198

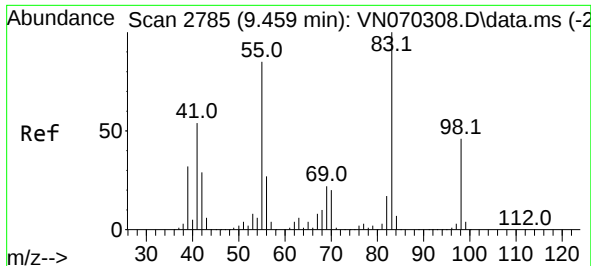
Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

121 0.0 24.2 36.2#

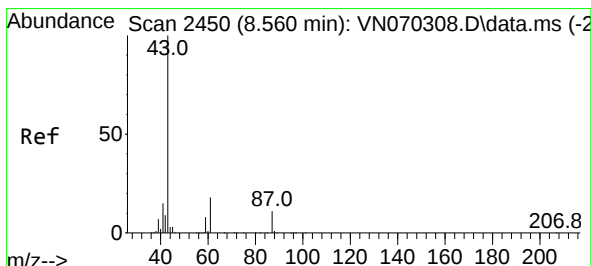
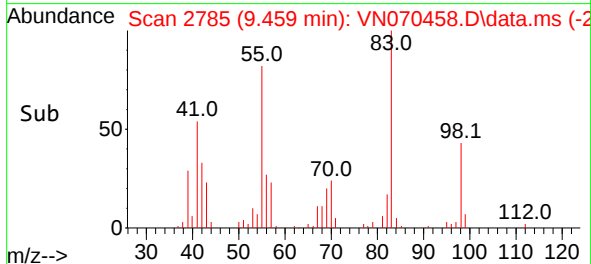
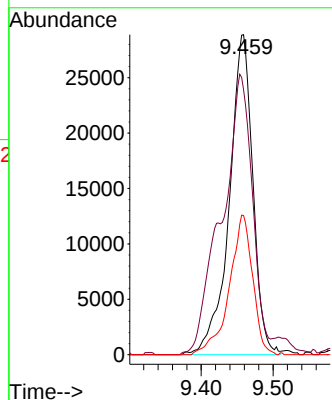
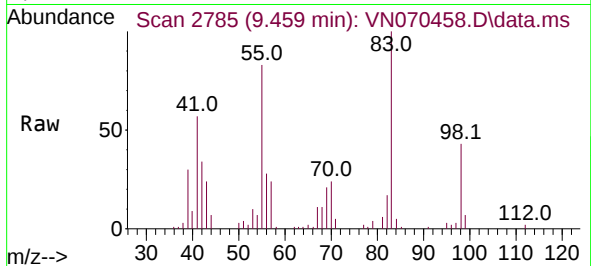




#39
Methylcyclohexane
Concen: 2.816 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

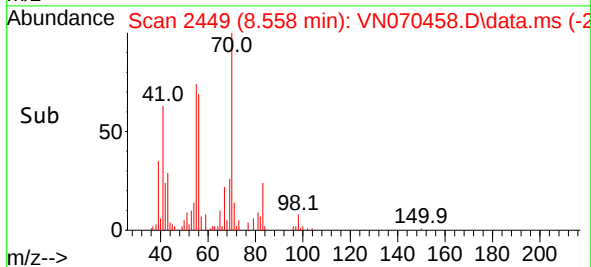
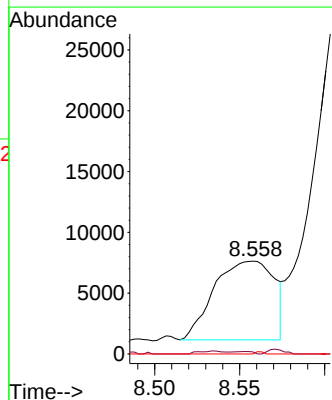
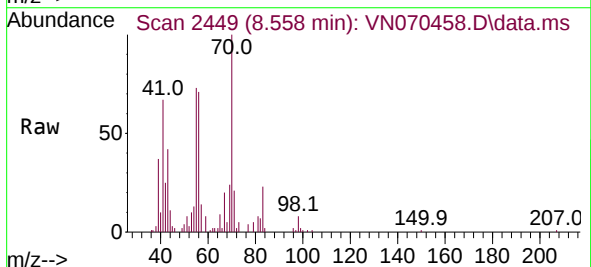
Instrument :
MSVOA_N
ClientSampleId :

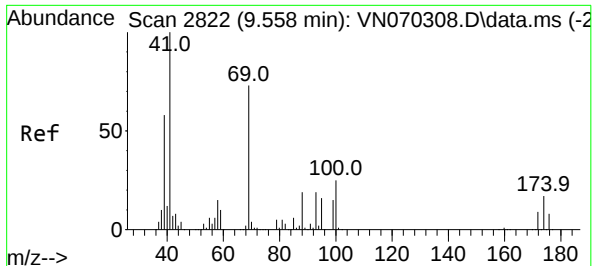
Tgt Ion: 83 Resp: 65934
Ion Ratio Lower Upper
83 100
55 82.8 58.1 87.1
98 43.5 38.4 57.6



#43
Isopropyl Acetate
Concen: 0.404 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 43 Resp: 15970
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.4 11.2 16.8#





#48

Methyl methacrylate

Concen: 0.309 ug/l

RT: 9.507 min Scan# 2803

Delta R.T. -0.051 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

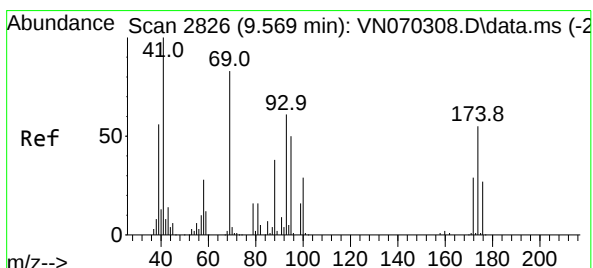
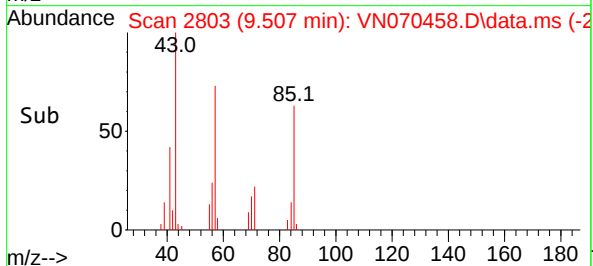
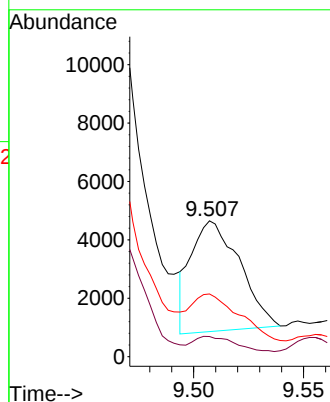
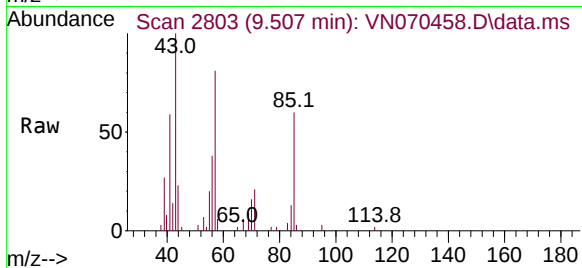
Tgt Ion: 41 Resp: 5820

Ion Ratio Lower Upper

41 100

69 11.3 72.4 108.6#

39 42.9 58.4 87.6#



#49

1,4-Dioxane

Concen: 0.736 ug/l

RT: 9.566 min Scan# 2825

Delta R.T. -0.003 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

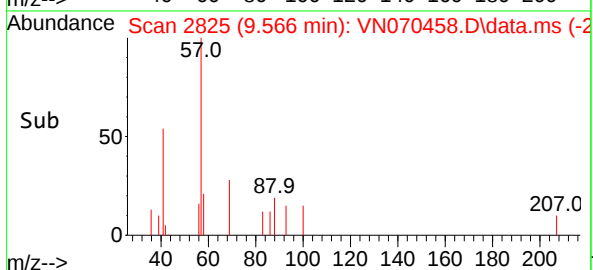
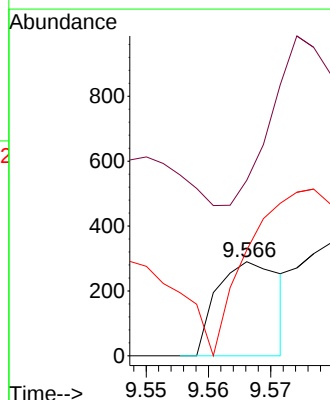
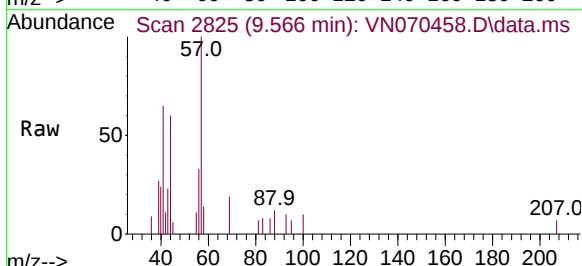
Tgt Ion: 88 Resp: 203

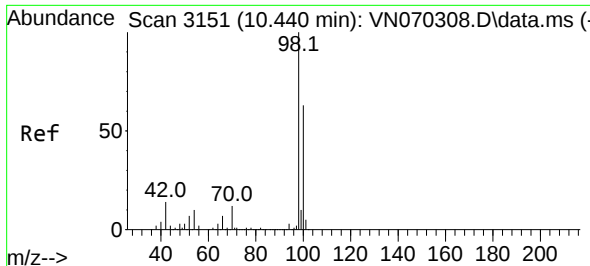
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#

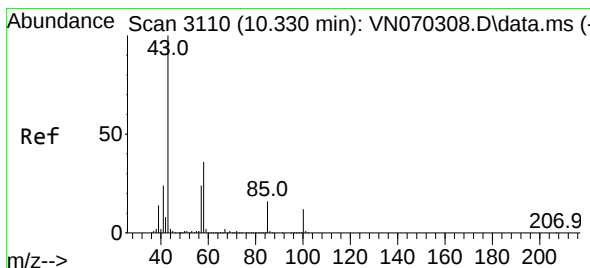
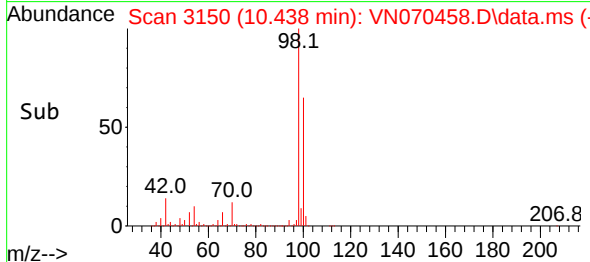
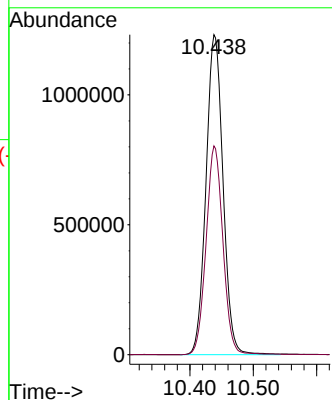
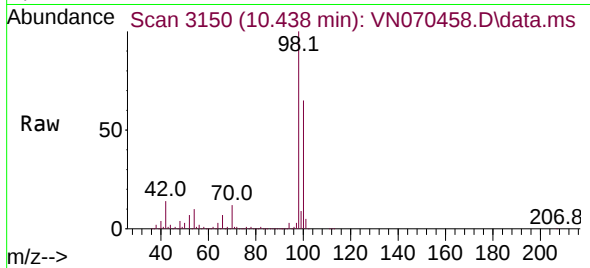




#50
Toluene-d8
Concen: 48.123 ug/l
RT: 10.438 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

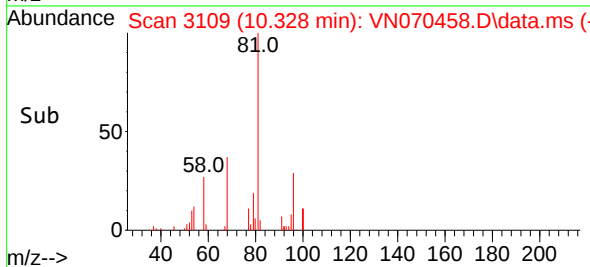
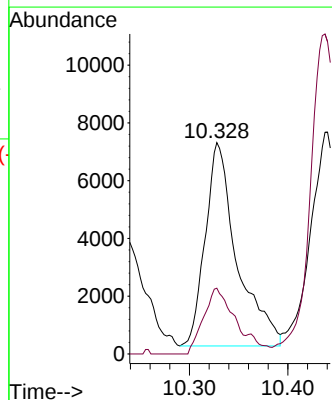
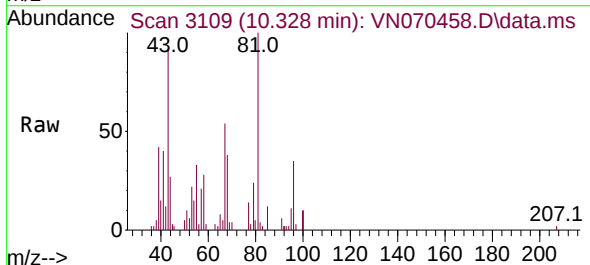
Instrument :
MSVOA_N
ClientSampleId :

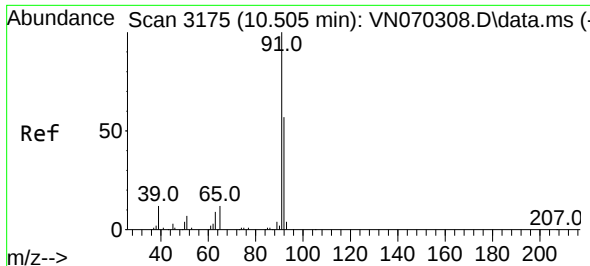
Tgt Ion: 98 Resp: 2298110
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.638 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 43 Resp: 15841
Ion Ratio Lower Upper
43 100
58 29.5 30.4 45.6#

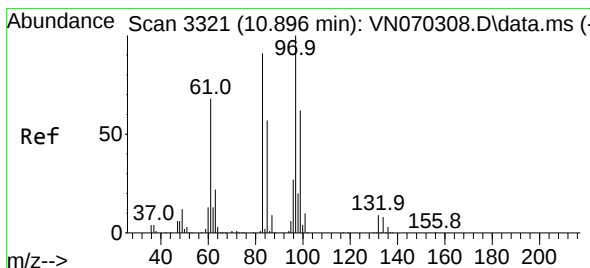
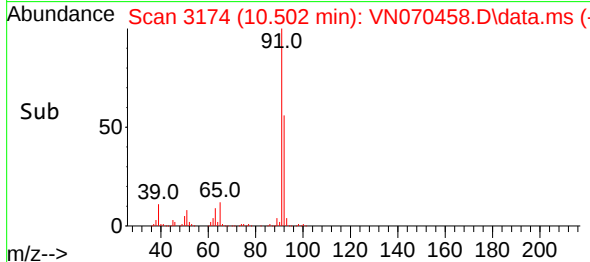
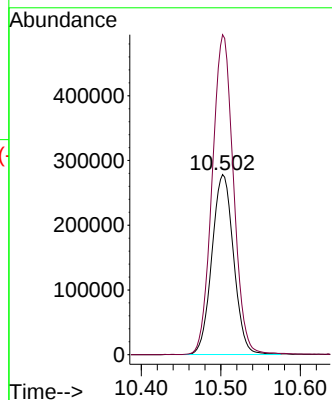
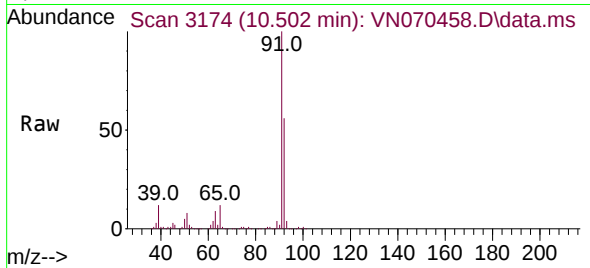




#52
Toluene
Concen: 14.680 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

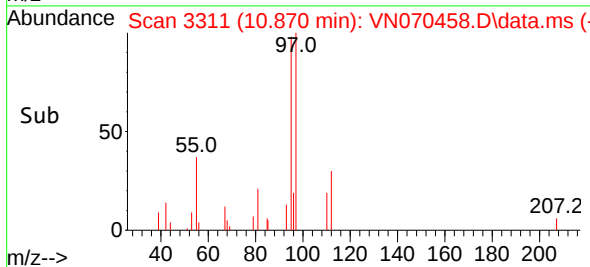
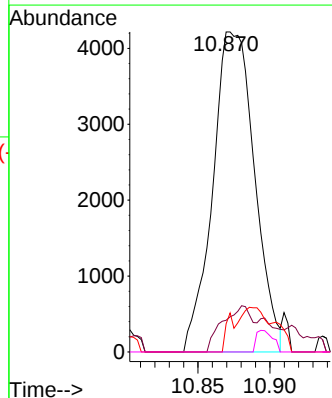
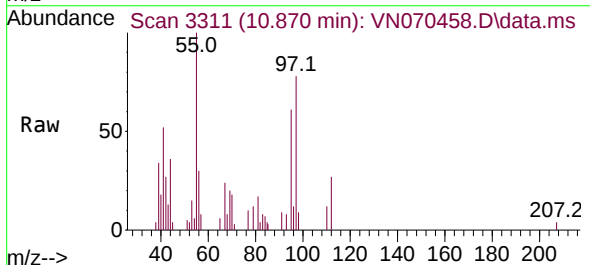
Instrument :
MSVOA_N
ClientSampleId :

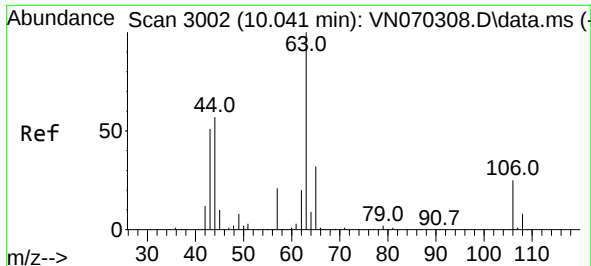
Tgt Ion: 92 Resp: 526810
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0



#55
1,1,2-Trichloroethane
Concen: 0.601 ug/l
RT: 10.870 min Scan# 3311
Delta R.T. -0.026 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 97 Resp: 8536
Ion Ratio Lower Upper
97 100
83 9.9 67.8 101.6#
85 8.8 45.4 68.2#
99 0.0 49.4 74.0#

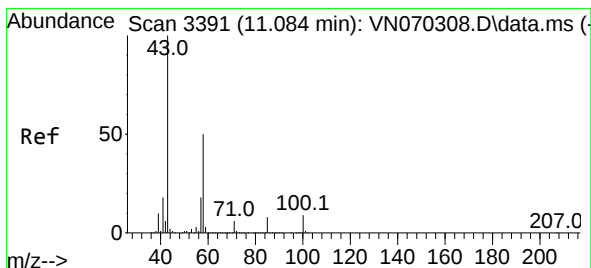
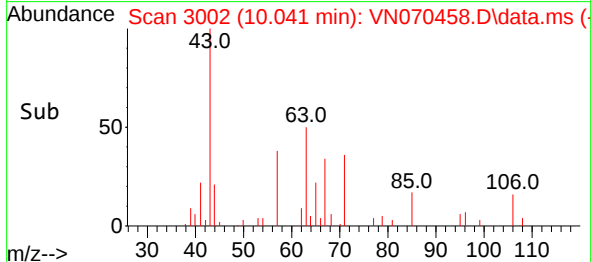
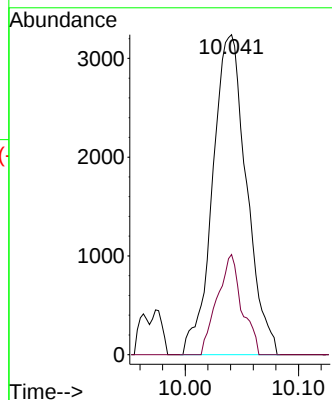
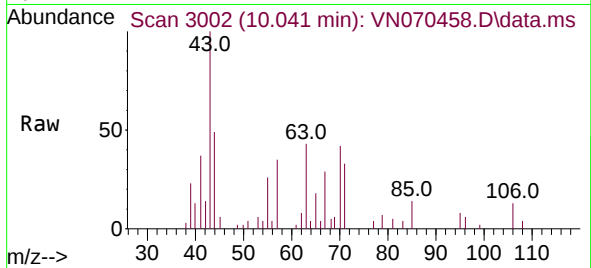




#58
2-Chloroethyl Vinyl ether
Concen: 19.550 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

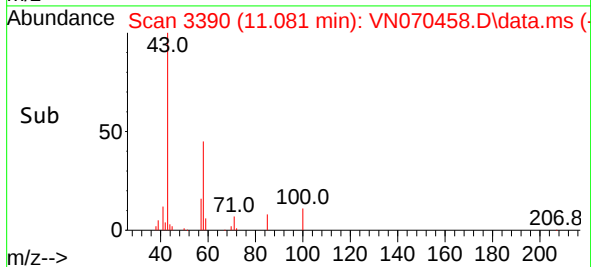
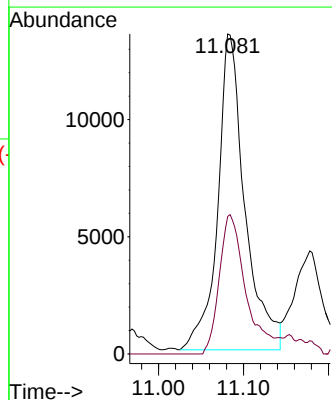
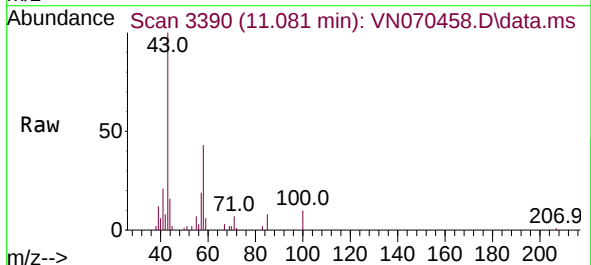
Instrument :
MSVOA_N
ClientSampleId :

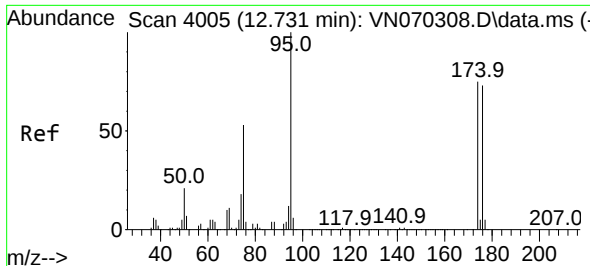
Tgt Ion: 63 Resp: 6711
Ion Ratio Lower Upper
63 100
106 22.8 23.9 35.9#



#59
2-Hexanone
Concen: 1.653 ug/l
RT: 11.081 min Scan# 3390
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 43 Resp: 29931
Ion Ratio Lower Upper
43 100
58 42.8 26.9 80.7

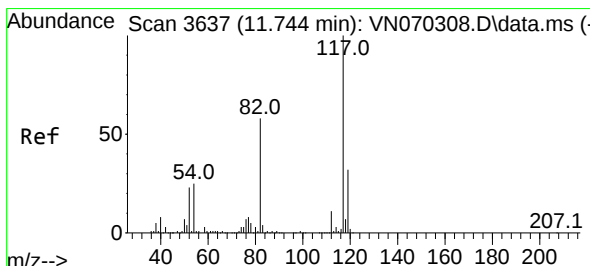
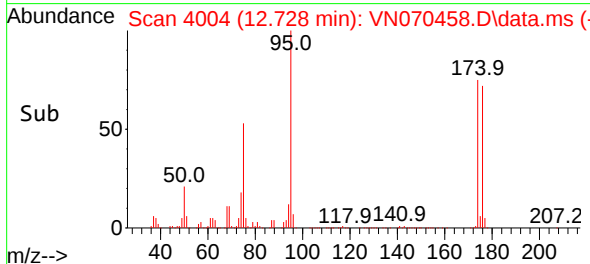
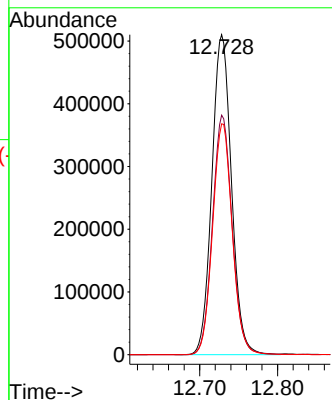
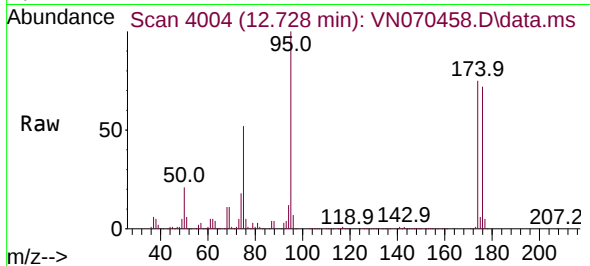




#62
4-Bromofluorobenzene
Concen: 51.694 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

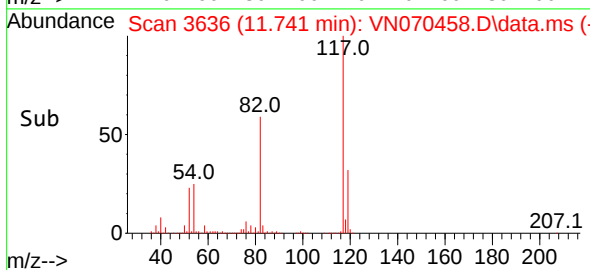
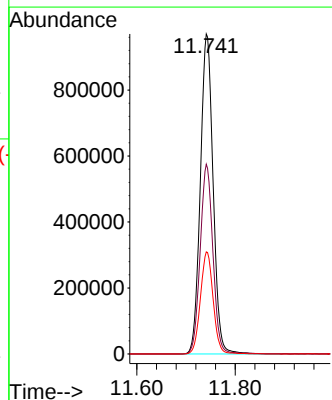
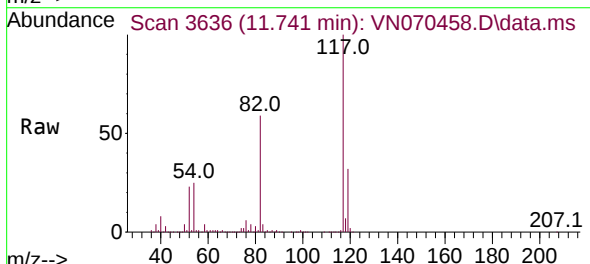
Instrument :
MSVOA_N
ClientSampleId :

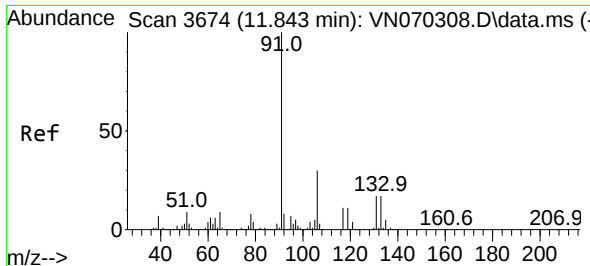
Tgt Ion: 95 Resp: 891621
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 117 Resp: 1743550
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.9 25.4 38.2

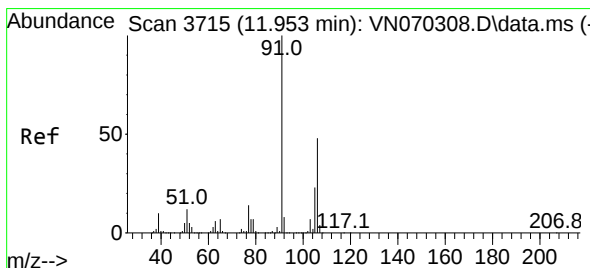
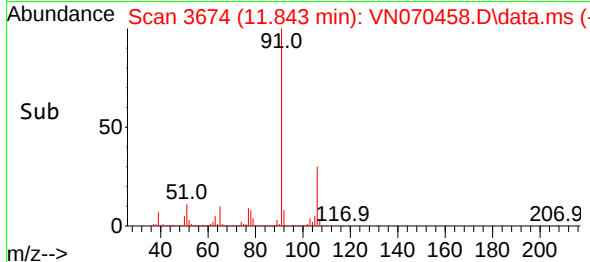
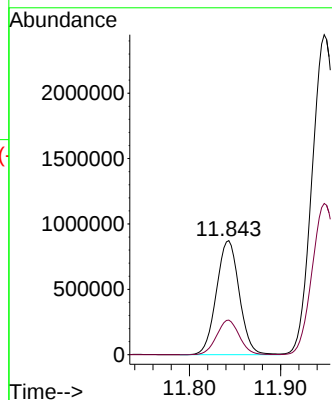
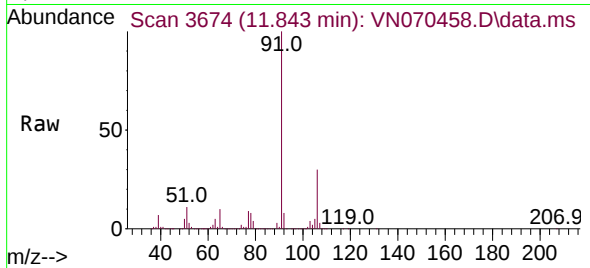




#67
Ethyl Benzene
Concen: 22.432 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

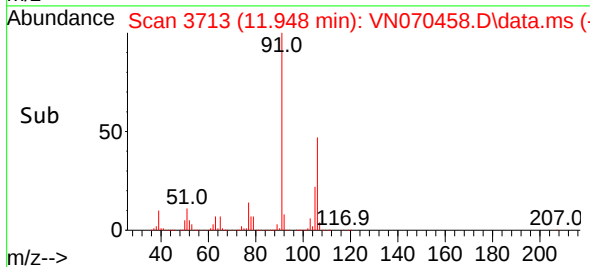
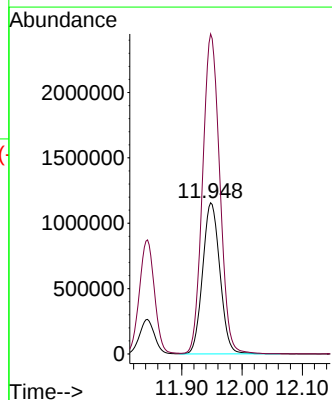
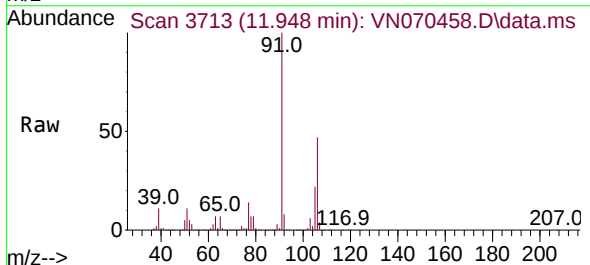
Instrument :
MSVOA_N
ClientSampleId :

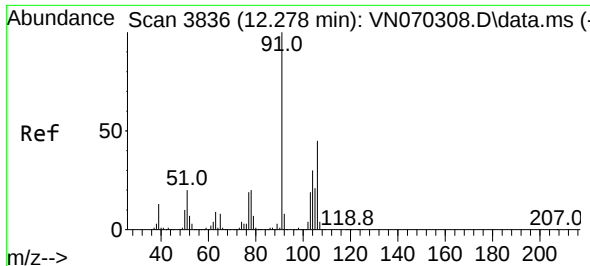
Tgt Ion: 91 Resp: 1520457
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



#68
m/p-Xylenes
Concen: 93.124 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion:106 Resp: 2297662
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8

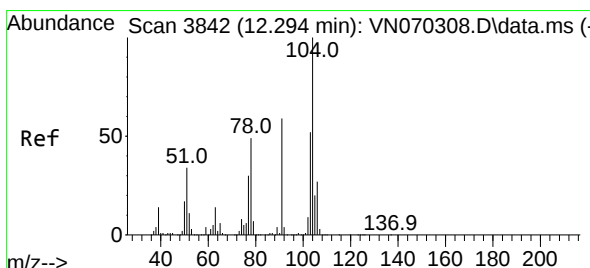
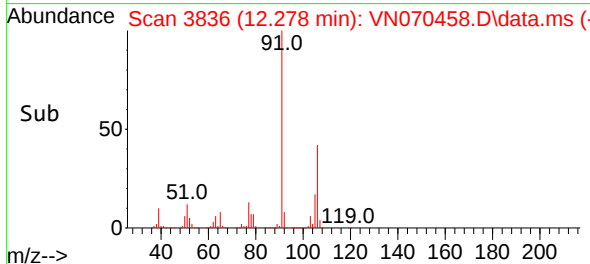
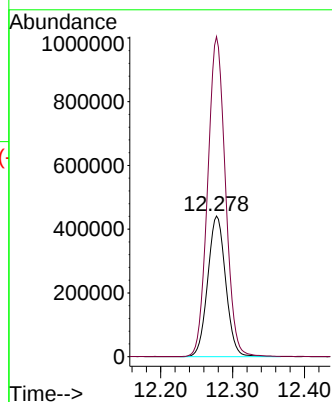
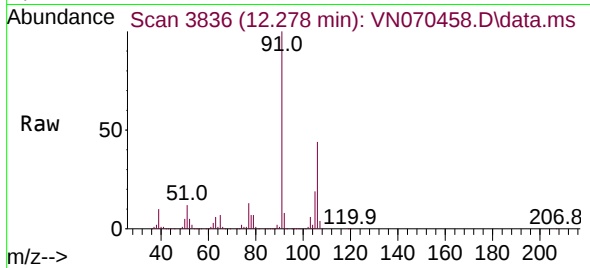




#69
o-Xylene
Concen: 31.225 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

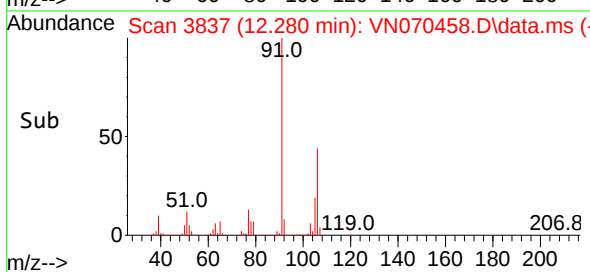
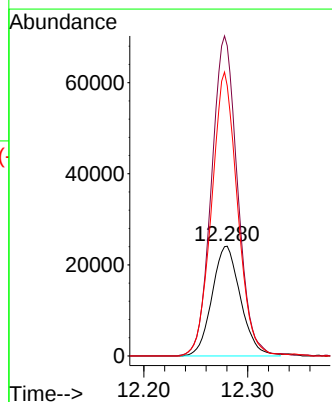
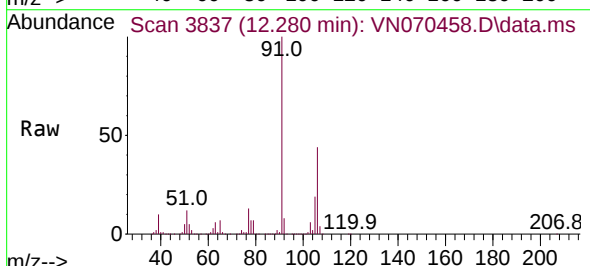
Instrument :
MSVOA_N
ClientSampleId :

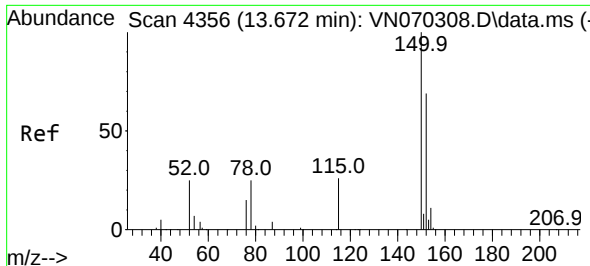
Tgt Ion:106 Resp: 766305
Ion Ratio Lower Upper
106 100
91 225.1 105.8 317.3



#70
Styrene
Concen: 1.182 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion:104 Resp: 45908
Ion Ratio Lower Upper
104 100
78 266.6 38.7 58.1#
103 235.5 45.0 67.6#

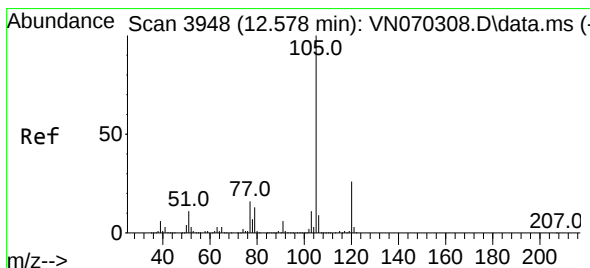
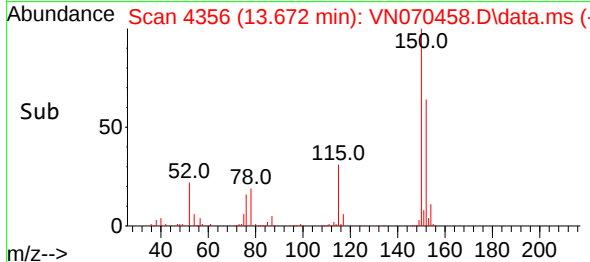
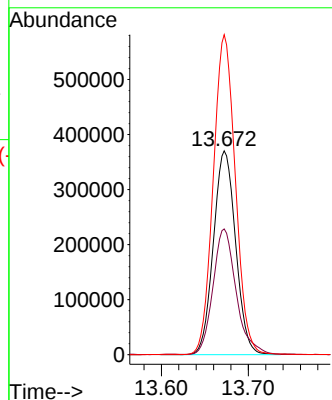
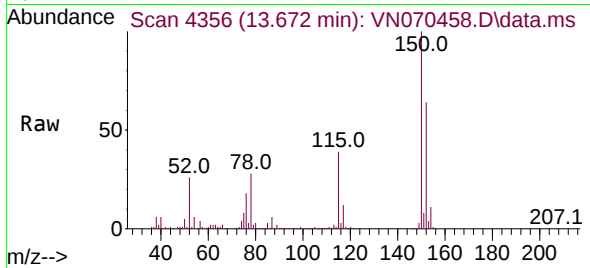




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

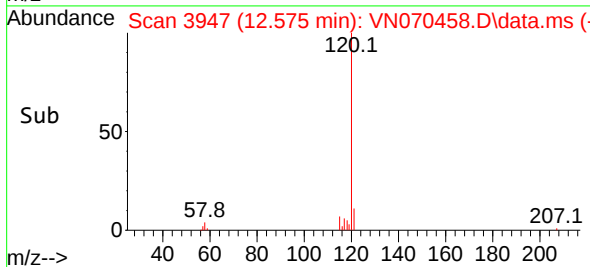
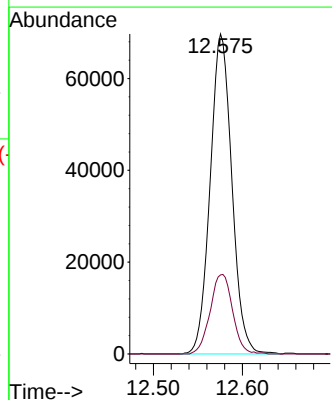
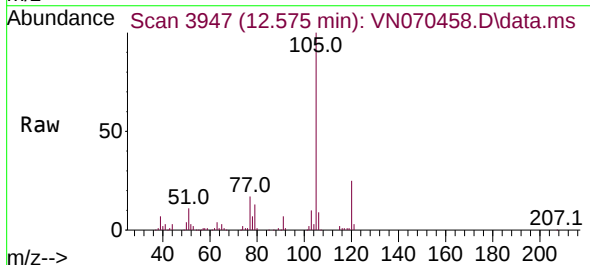
Instrument :
MSVOA_N
ClientSampleId :

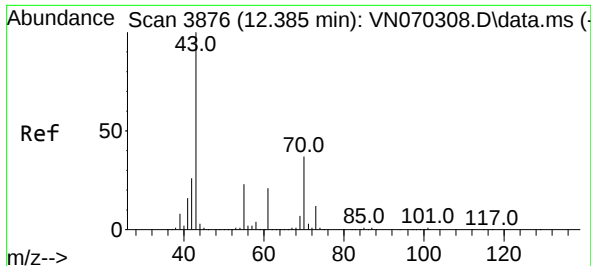
Tgt Ion:152 Resp: 658288
Ion Ratio Lower Upper
152 100
115 63.9 27.5 82.5
150 155.8 0.0 344.4



#73
Isopropylbenzene
Concen: 1.929 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

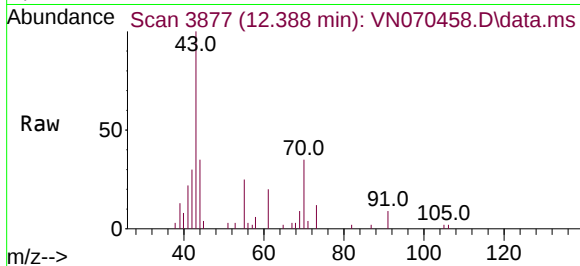
Tgt Ion:105 Resp: 117912
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



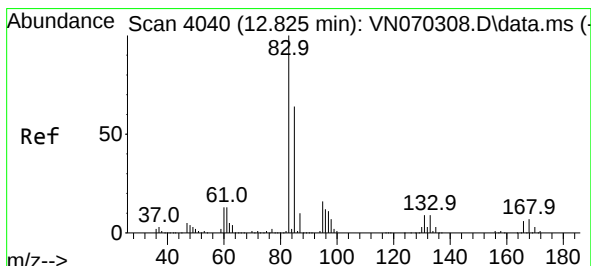
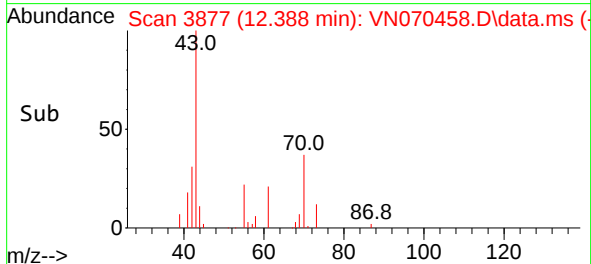
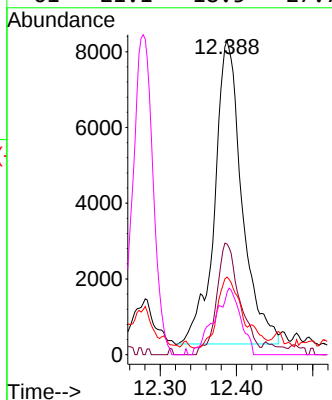


#74
N-amy1 acetate
Concen: 0.777 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :

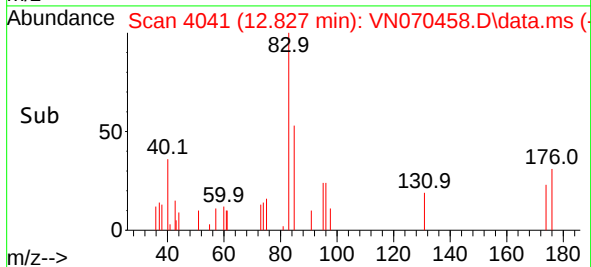
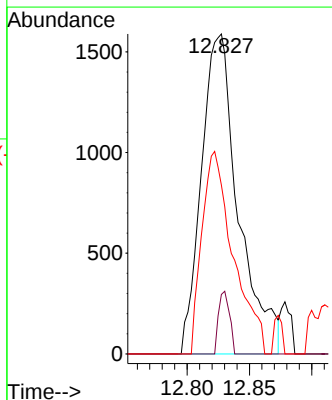
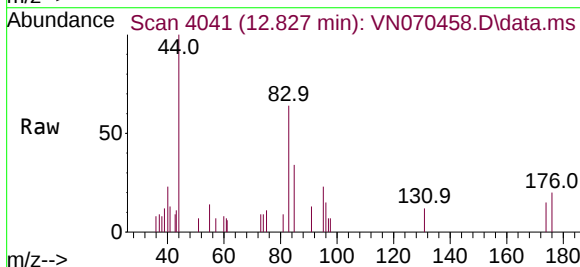


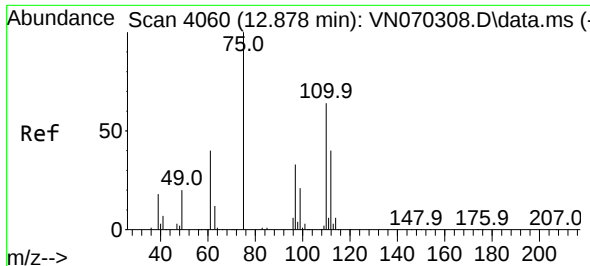
Tgt Ion:	43	Resp:	19976
Ion Ratio	100	Lower	Upper
43	100		
70	31.0	33.4	50.0#
55	18.3	19.3	28.9#
61	21.1	18.5	27.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.593 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.002 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion:	83	Resp:	3279
Ion Ratio	100	Lower	Upper
83	100		
131	5.8	5.5	16.5
85	53.6	32.4	97.2

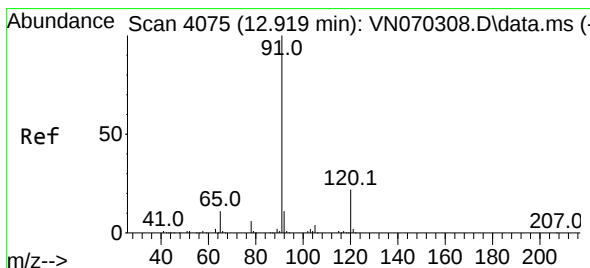
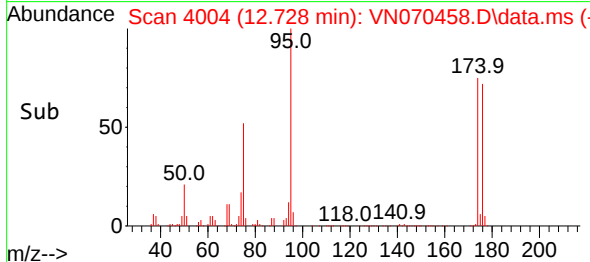
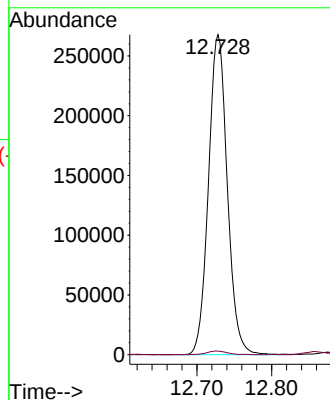
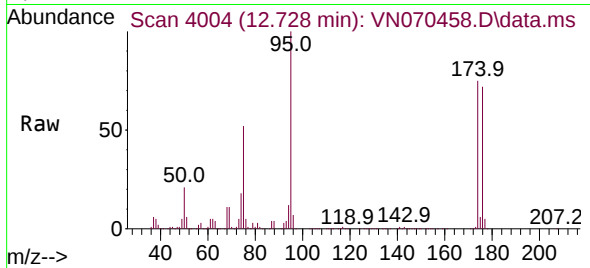




#76
1,2,3-Trichloropropane
Concen: 25.463 ug/l
RT: 12.728 min Scan# 4060
Delta R.T. -0.150 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

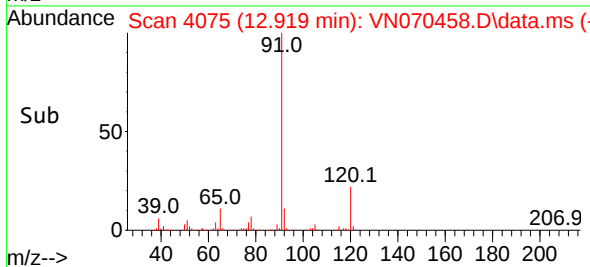
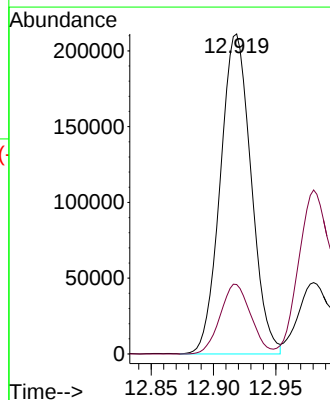
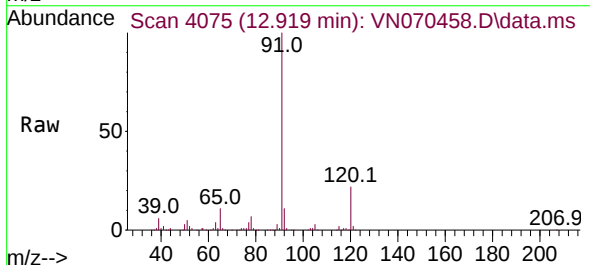
Instrument :
MSVOA_N
ClientSampleId :

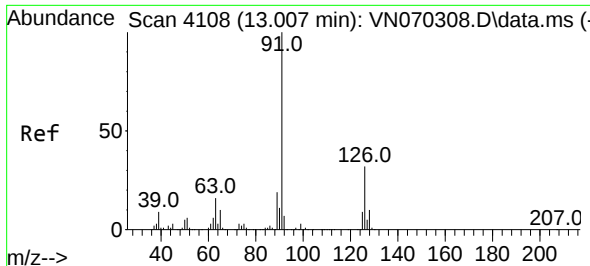
Tgt Ion: 75 Resp: 468576
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#78
n-propylbenzene
Concen: 5.374 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 91 Resp: 363962
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 1.307 ug/l

RT: 13.012 min Scan# 4110

Delta R.T. 0.005 min

Lab File: VN070458.D

Acq: 4 Jan 2022 12:55

Instrument :

MSVOA_N

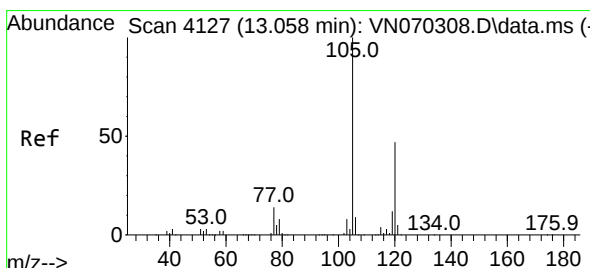
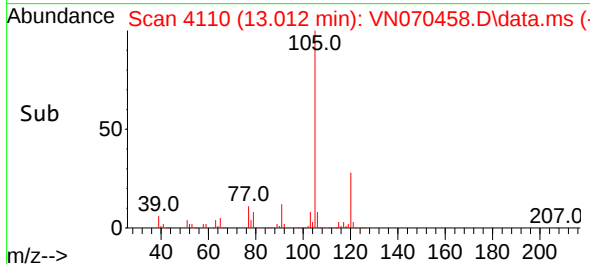
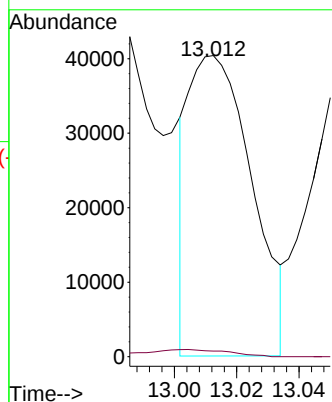
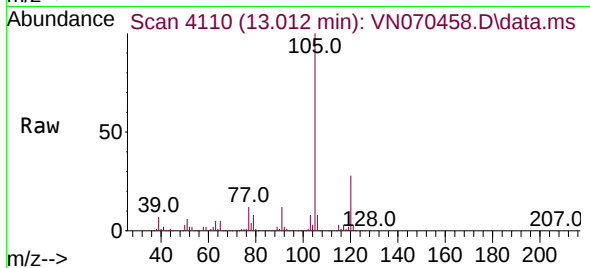
ClientSampleId :

Tgt Ion: 91 Resp: 56790

Ion Ratio Lower Upper

91 100

126 3.2 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 12.815 ug/l

RT: 13.055 min Scan# 4126

Delta R.T. -0.003 min

Lab File: VN070458.D

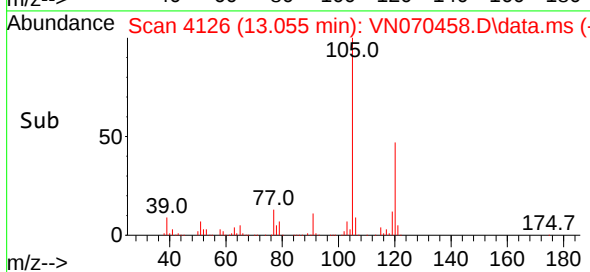
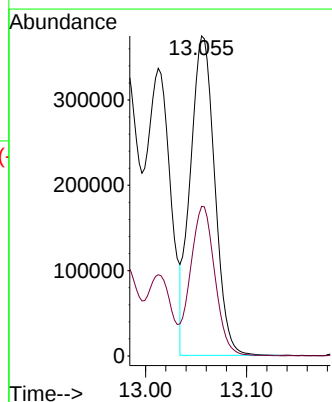
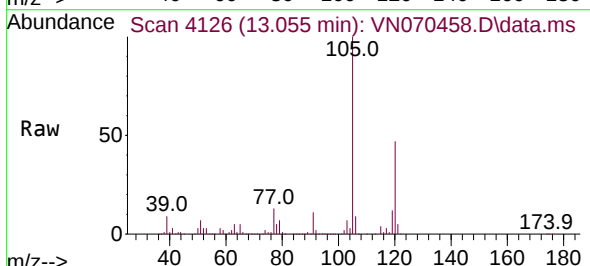
Acq: 4 Jan 2022 12:55

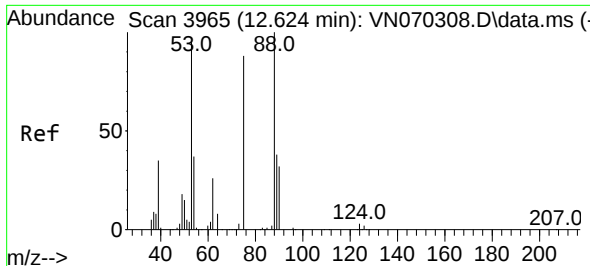
Tgt Ion: 105 Resp: 627777

Ion Ratio Lower Upper

105 100

120 46.6 24.6 73.6

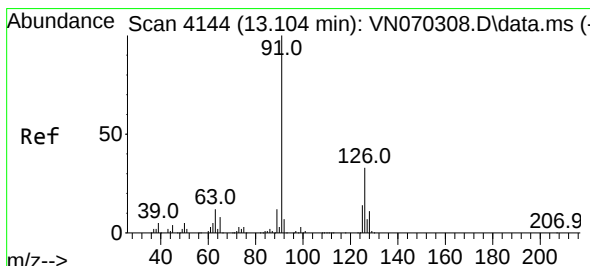
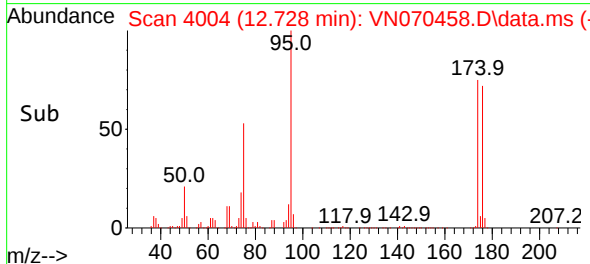
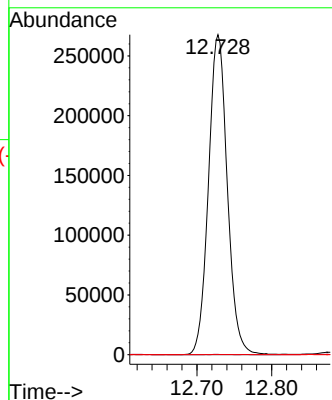
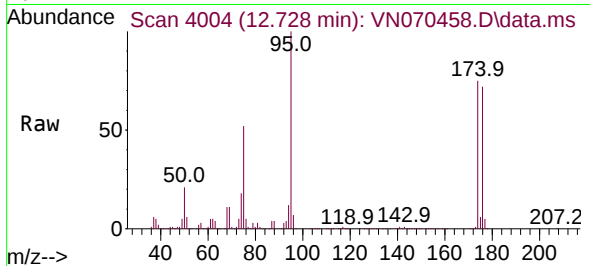




#81
trans-1,4-Dichloro-2-butene
Concen: 86.967 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

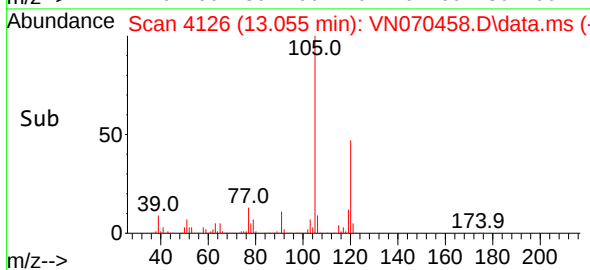
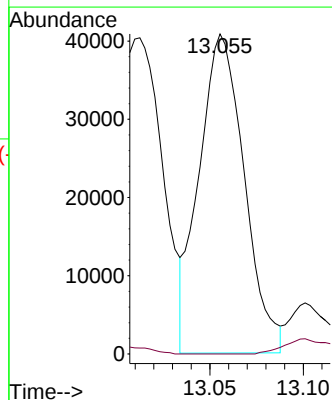
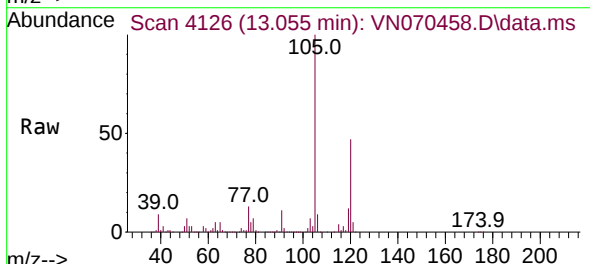
Instrument :
MSVOA_N
ClientSampleId :

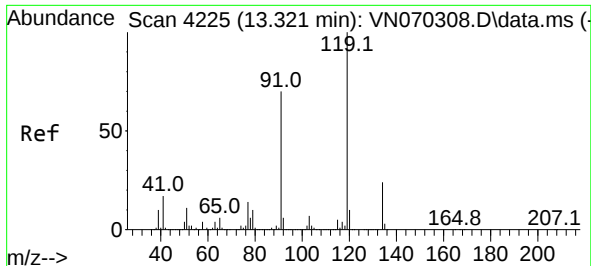
Tgt Ion: 75 Resp: 468576
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 1.683 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.049 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion: 91 Resp: 68504
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

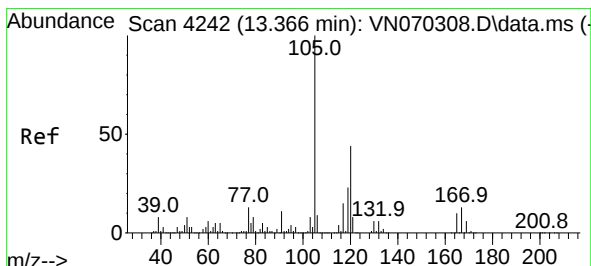
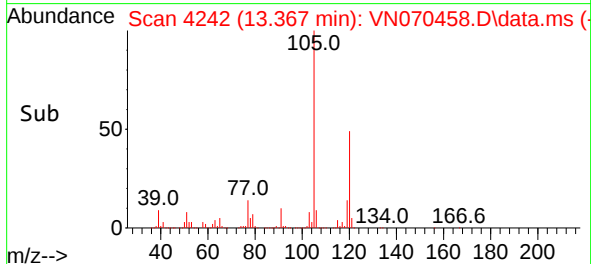
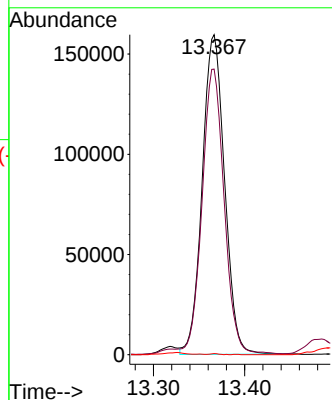
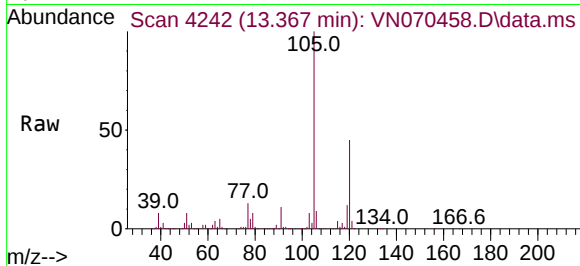




#83
 tert-Butylbenzene
 Concen: 6.297 ug/l
 RT: 13.367 min Scan# 4219
 Delta R.T. 0.046 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

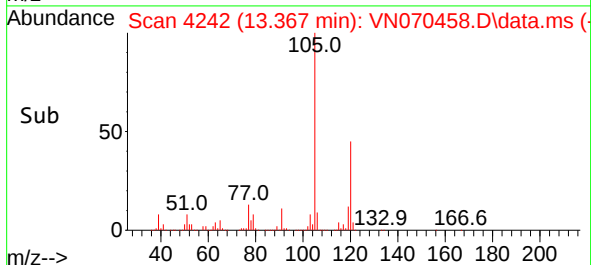
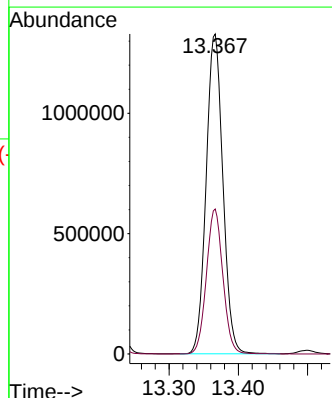
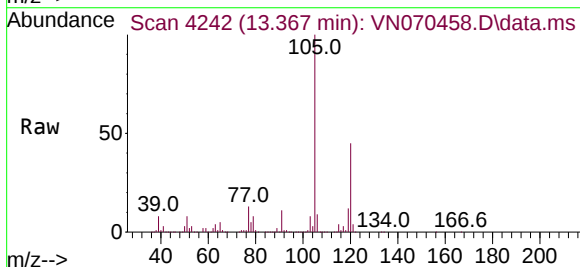
Instrument :
 MSVOA_N
 ClientSampleId :

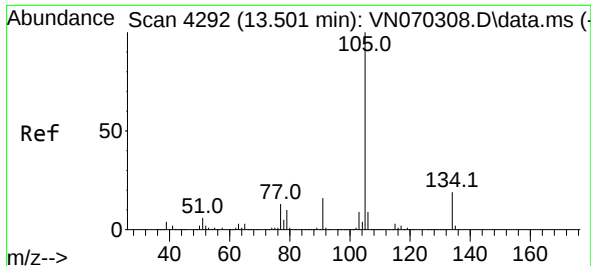
Tgt Ion:119 Resp: 271606
 Ion Ratio Lower Upper
 119 100
 91 89.8 31.5 94.5
 134 0.1 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 47.303 ug/l
 RT: 13.367 min Scan# 4242
 Delta R.T. 0.001 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

Tgt Ion:105 Resp: 2231399
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.8 68.4

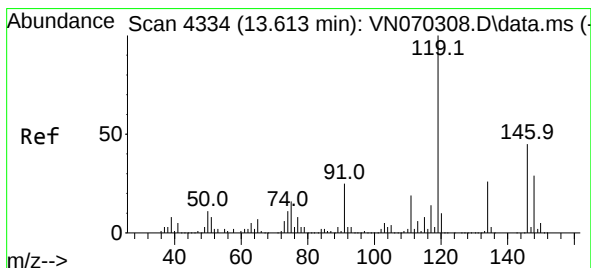
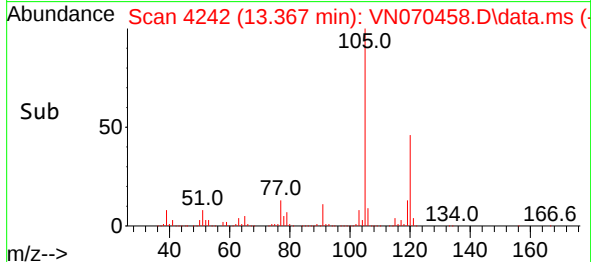
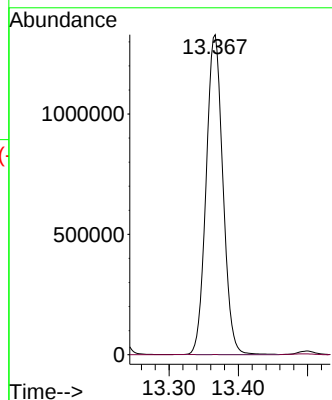
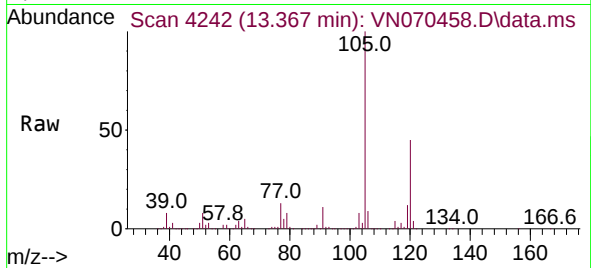




#85
 sec-Butylbenzene
 Concen: 38.102 ug/l
 RT: 13.367 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

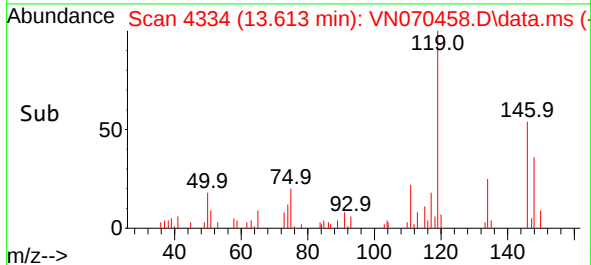
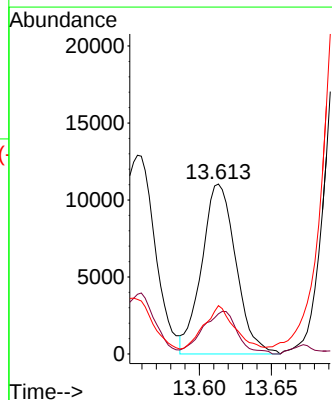
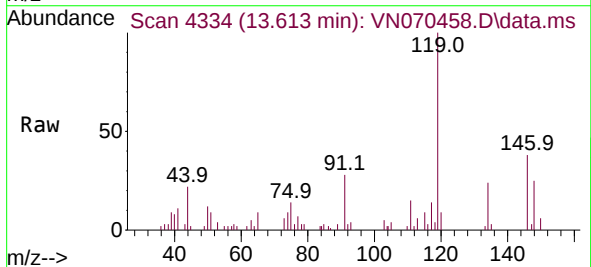
Instrument :
 MSVOA_N
 ClientSampleId :

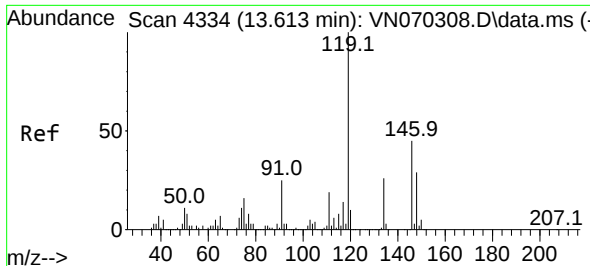
Tgt Ion:105 Resp: 2231399
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.396 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

Tgt Ion:119 Resp: 18215
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 0.0 11.4 34.1#

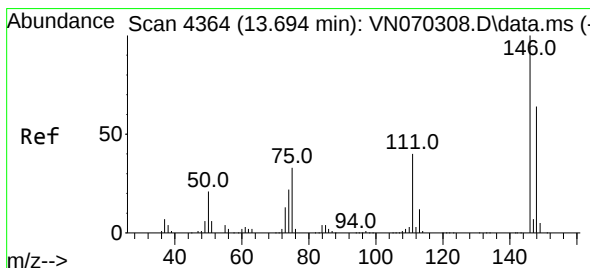
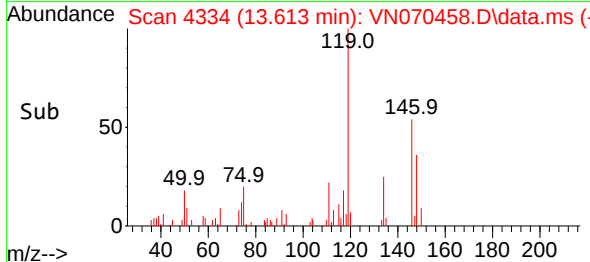
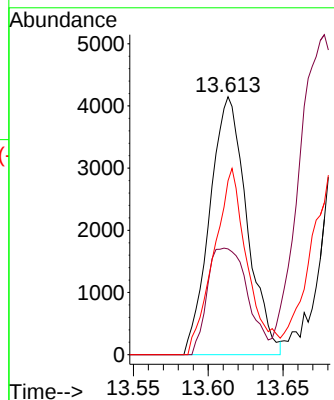
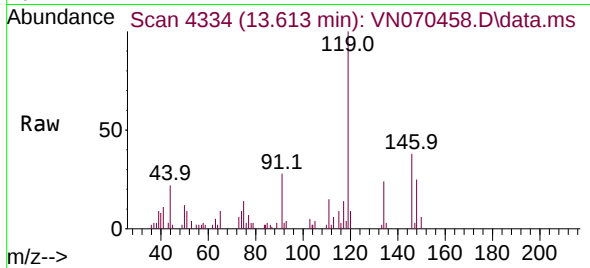




#87
 1,3-Dichlorobenzene
 Concen: 0.305 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

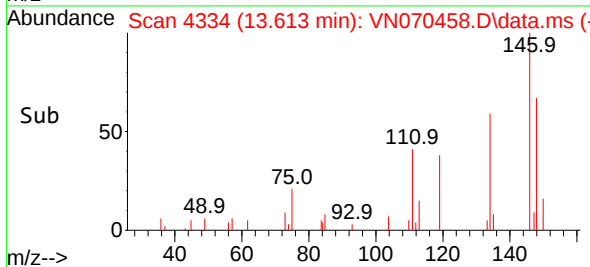
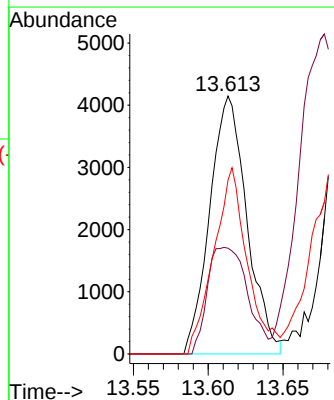
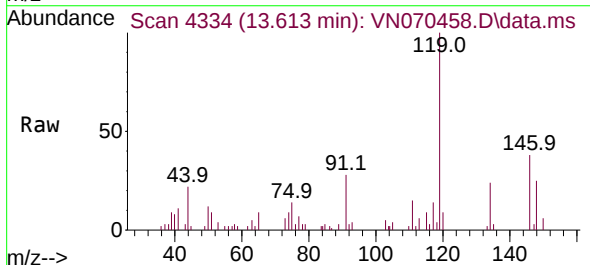
Instrument :
 MSVOA_N
 ClientSampleId :

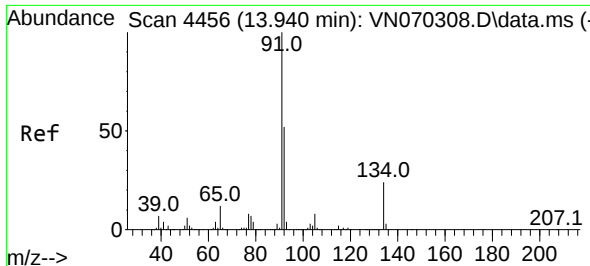
Tgt Ion:146 Resp: 7172
 Ion Ratio Lower Upper
 146 100
 111 44.9 18.6 55.6
 148 65.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 0.309 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.081 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

Tgt Ion:146 Resp: 7172
 Ion Ratio Lower Upper
 146 100
 111 44.9 18.3 54.8
 148 65.7 31.8 95.4

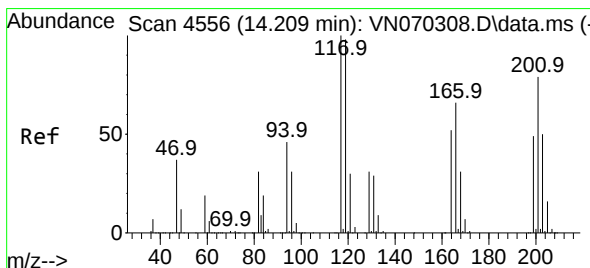
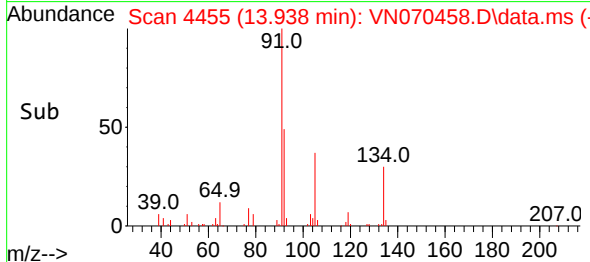
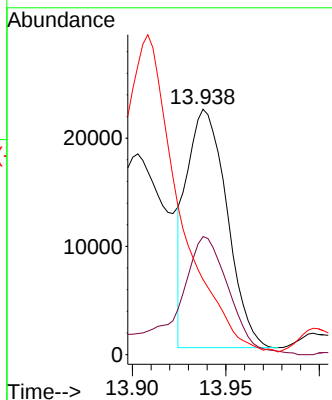
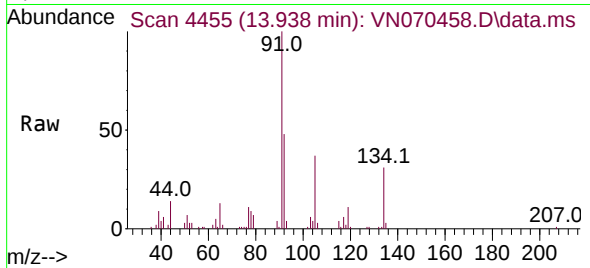




#89
n-Butylbenzene
Concen: 0.854 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

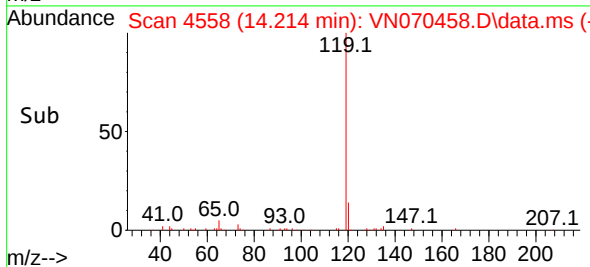
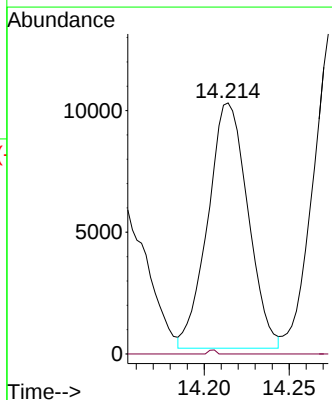
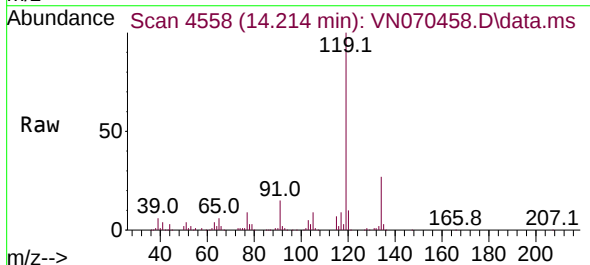
Instrument :
MSVOA_N
ClientSampleId :

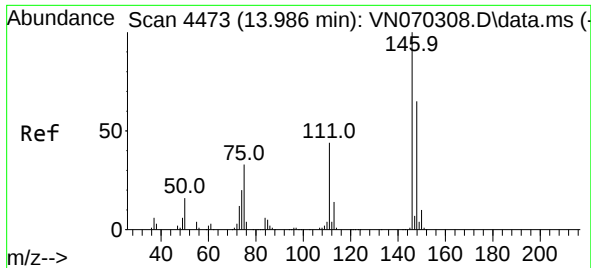
Tgt Ion: 91 Resp: 32786
Ion Ratio Lower Upper
91 100
92 60.4 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 2.066 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

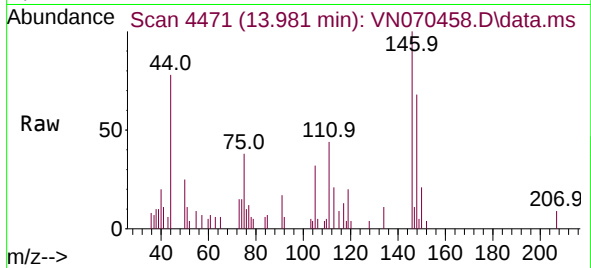
Tgt Ion: 117 Resp: 16513
Ion Ratio Lower Upper
117 100
201 0.3 43.9 131.6#



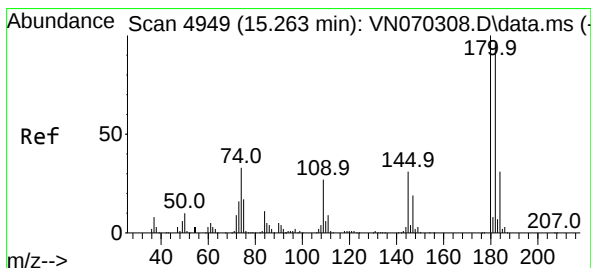
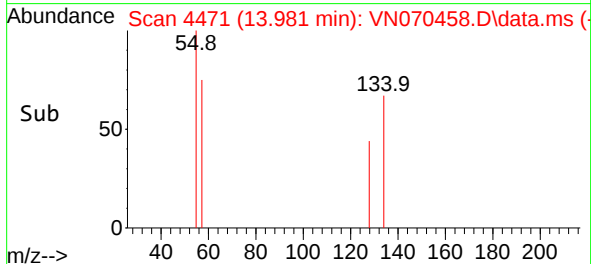
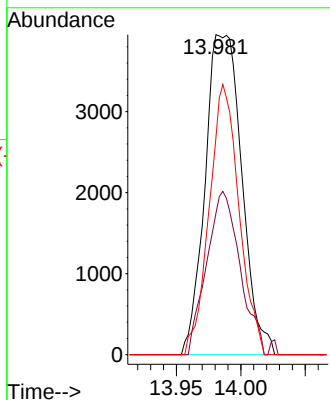


#91
1,2-Dichlorobenzene
Concen: 0.340 ug/l
RT: 13.981 min Scan# 4471
Delta R.T. -0.005 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :

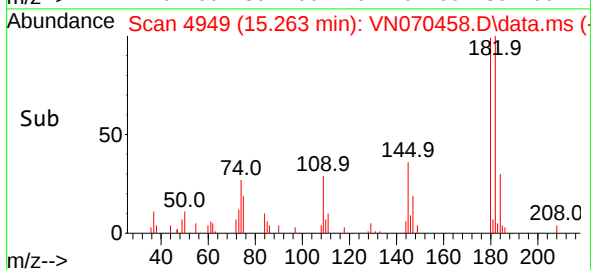
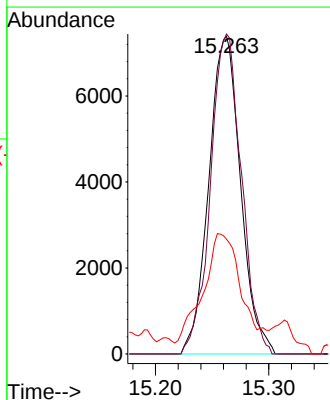
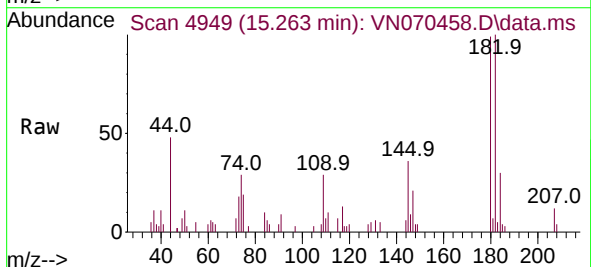


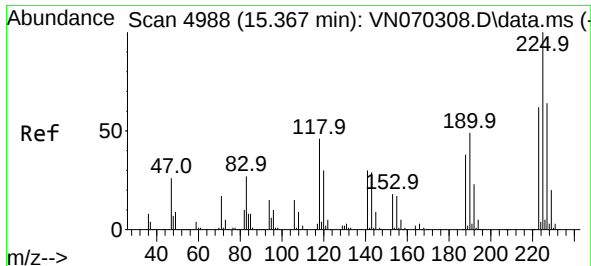
Tgt Ion:146 Resp: 7826
Ion Ratio Lower Upper
146 100
111 46.3 19.1 57.3
148 68.5 32.1 96.3



#93
1,2,4-Trichlorobenzene
Concen: 1.323 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

Tgt Ion:180 Resp: 14359
Ion Ratio Lower Upper
180 100
182 98.3 48.3 144.9
145 40.3 14.5 43.5

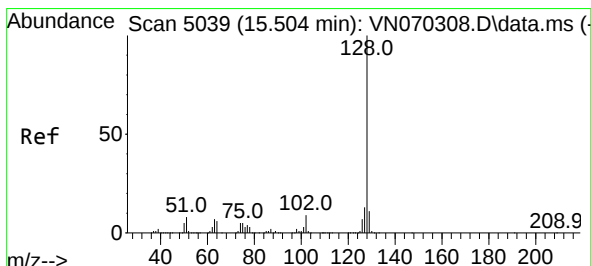
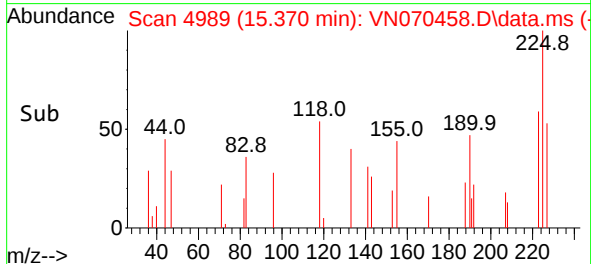
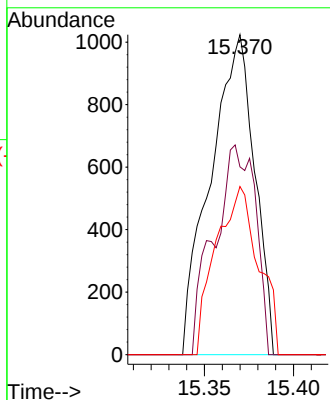
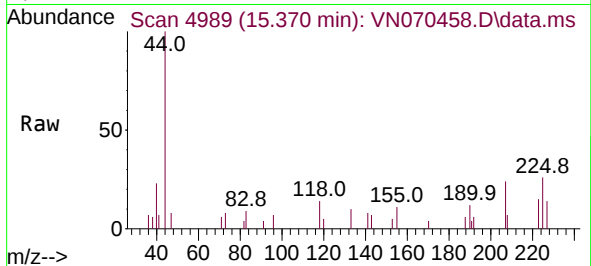




#94
Hexachlorobutadiene
Concen: 0.280 ug/l
RT: 15.370 min Scan# 4988
Delta R.T. 0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

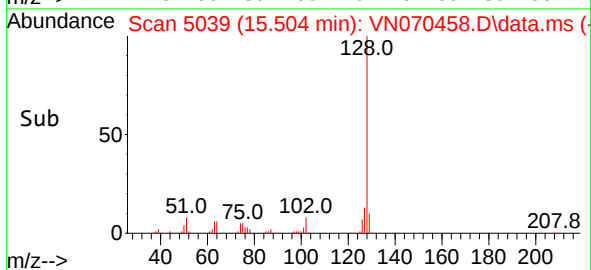
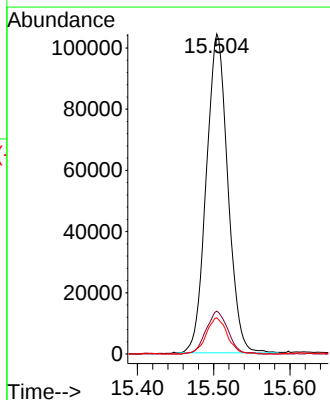
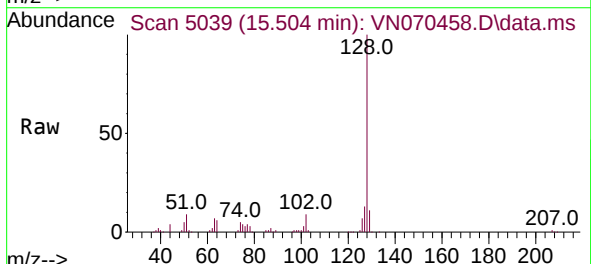
Instrument :
MSVOA_N
ClientSampleId :

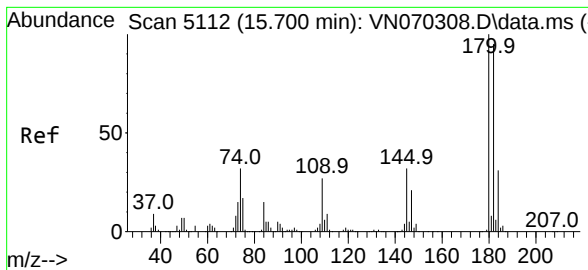
Tgt Ion:225 Resp: 1765
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.7
227 50.8 32.1 96.3



#95
Naphthalene
Concen: 8.363 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

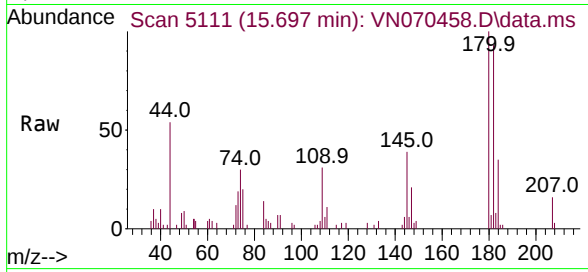
Tgt Ion:128 Resp: 204274
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.372 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VN070458.D
 Acq: 4 Jan 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	16313
Ion Ratio	Lower	Upper	
180	100		
182	91.8	47.4	142.2
145	41.8	15.0	45.1

