

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070542.D
 Acq On : 10 Jan 2022 14:47
 Operator : JC/MD
 Sample : N1015-10 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 05:34:13 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	1111376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1876795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1609583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	608251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	823596	51.541	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.080%
35) Dibromofluoromethane	8.021	113	574425	50.585	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.180%
50) Toluene-d8	10.438	98	2343867	50.527	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.728	95	905469	54.043	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.080%
Target Compounds						
					Qvalue	
3) Chloromethane	2.300	50	3787	0.221	ug/l	94
11) Tert butyl alcohol	5.310	59	5250	1.973	ug/l #	71
12) 1,1-Dichloroethene	4.127	96	7378	0.652	ug/l #	1
13) Acrolein	4.063	56	603609	279.601	ug/l	90
14) Allyl chloride	4.795	41	71796	2.798	ug/l #	28
16) Acetone	4.288	43	3090154	297.899	ug/l #	1
18) Methyl Acetate	4.580	43	274366	9.144	ug/l #	51
20) Methylene Chloride	5.087	84	3056	0.213	ug/l	97
22) Diisopropyl ether	6.627	45	2129192	42.597	ug/l #	1
23) Vinyl Acetate	6.627	43	4870848	125.598	ug/l #	72
25) 2-Butanone	7.337	43	144225	11.042	ug/l	92
29) Tetrahydrofuran	7.689	42	8912	1.144	ug/l #	42
31) Cyclohexane	8.083	56	25790	1.023	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	88451	4.709	ug/l #	49
37) Ethyl Acetate	7.337	43	144225	5.923	ug/l #	68
38) Carbon Tetrachloride	8.083	117	108734	6.062	ug/l #	16
45) 1,2-Dichloropropane	9.483	63	5730	0.370	ug/l #	1
48) Methyl methacrylate	9.526	41	44057	2.406	ug/l #	8
49) 1,4-Dioxane	9.571	88	800	2.985	ug/l #	27
51) 4-Methyl-2-Pentanone	10.604	43	1972849	81.784	ug/l #	17
52) Toluene	10.502	92	1684694	48.328	ug/l	97
53) t-1,3-Dichloropropene	10.692	75	587015	28.322	ug/l #	44
55) 1,1,2-Trichloroethane	10.832	97	29267	2.122	ug/l #	1
56) Ethyl methacrylate	10.692	69	327000	14.349	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.035	63	3490	19.068	ug/l #	86
59) 2-Hexanone	10.829	43	6962042	395.764	ug/l	95
67) Ethyl Benzene	11.843	91	112123	1.792	ug/l	99
68) m/p-Xylenes	11.948	106	189686	8.328	ug/l	94
69) o-Xylene	12.277	106	53446	2.359	ug/l	89
70) Styrene	12.291	104	33630	0.938	ug/l #	81
74) N-amyl acetate	12.385	43	23149	0.975	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.774	83	146851	7.638	ug/l #	30
76) 1,2,3-Trichloropropane	12.728	75	478326	27.844	ug/l #	1
77) Bromobenzene	12.857	156	3108	0.240	ug/l	71
78) n-propylbenzene	12.916	91	14094	0.225	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	9992	0.221	ug/l	92

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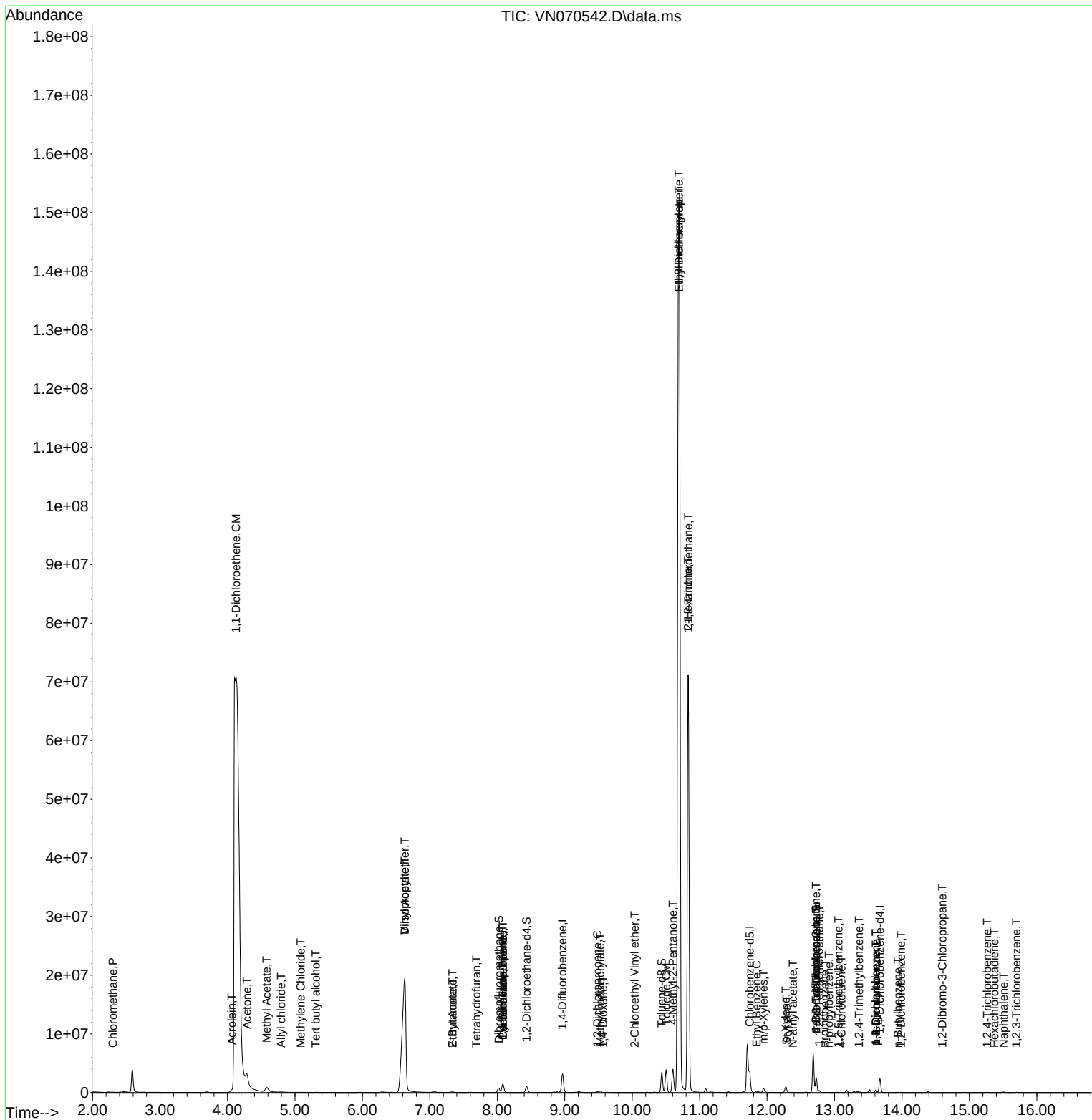
Quant Time: Jan 11 05:34:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

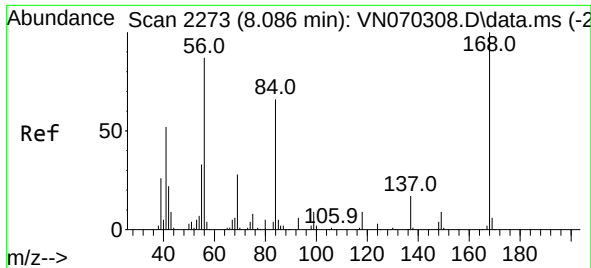
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.728	75	478326	96.079	ug/l #	5
82) 4-Chlorotoluene	13.101	91	9532	0.253	ug/l	99
84) 1,2,4-Trimethylbenzene	13.364	105	22908	0.526	ug/l	91
86) p-Isopropyltoluene	13.613	119	12230	0.288	ug/l	90
87) 1,3-Dichlorobenzene	13.616	146	7961	0.367	ug/l	95
88) 1,4-Dichlorobenzene	13.616	146	7961	0.372	ug/l	95
89) n-Butylbenzene	13.940	91	24820	0.700	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	7863	0.369	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.597	75	2266	0.693	ug/l	60
93) 1,2,4-Trichlorobenzene	15.262	180	15879	1.584	ug/l	97
94) Hexachlorobutadiene	15.370	225	2227	0.382	ug/l #	75
95) Naphthalene	15.507	128	82230	4.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	18235	2.696	ug/l	98

(#) = 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

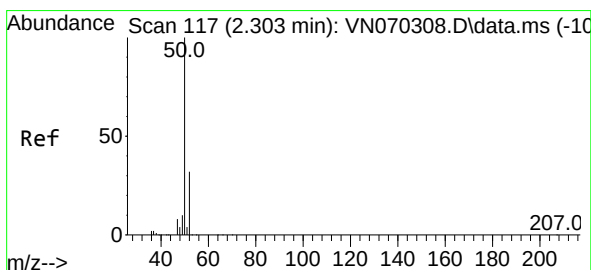
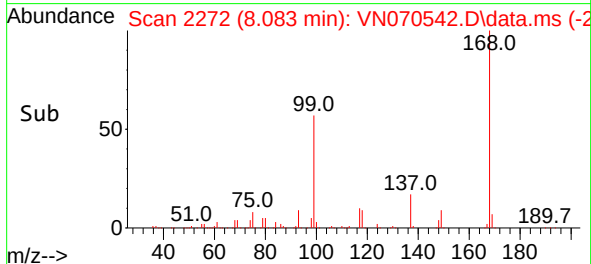
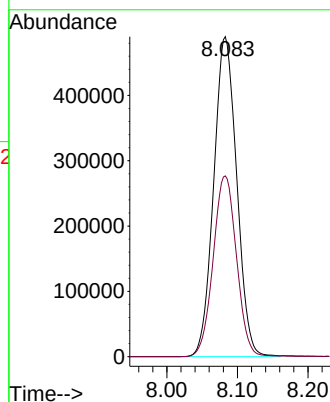
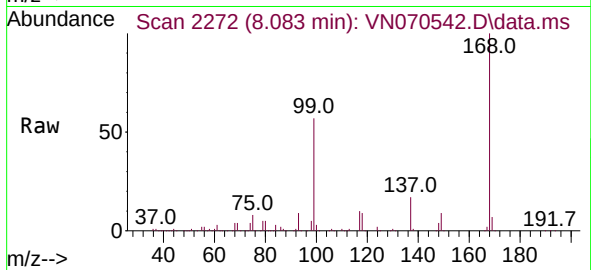




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

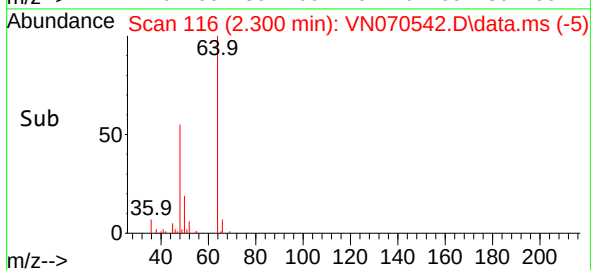
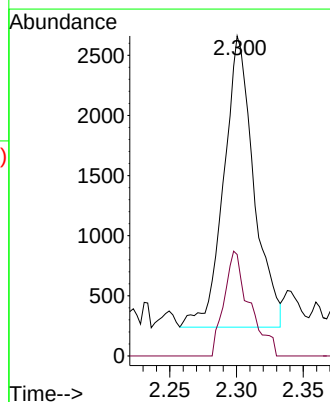
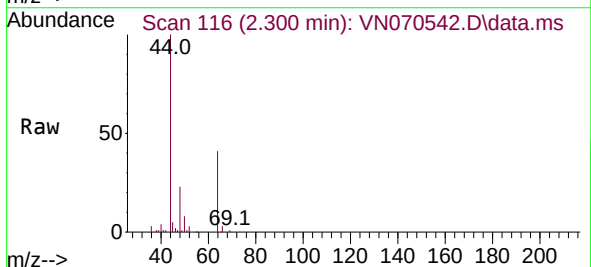
Instrument :
MSVOA_N
ClientSampleId :

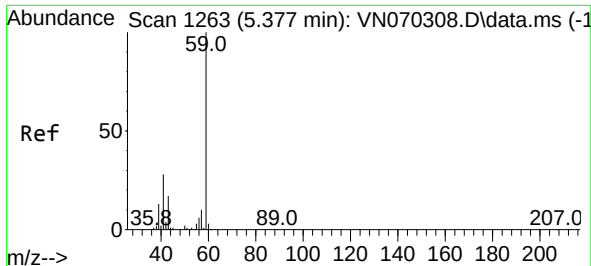
Tgt Ion:168 Resp: 1111376
Ion Ratio Lower Upper
168 100
99 56.5 41.3 61.9



#3
Chloromethane
Concen: 0.221 ug/l
RT: 2.300 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion: 50 Resp: 3787
Ion Ratio Lower Upper
50 100
52 34.9 25.4 38.0

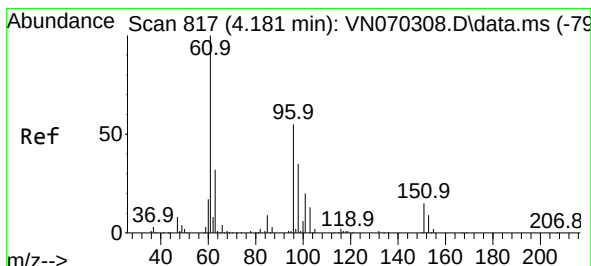
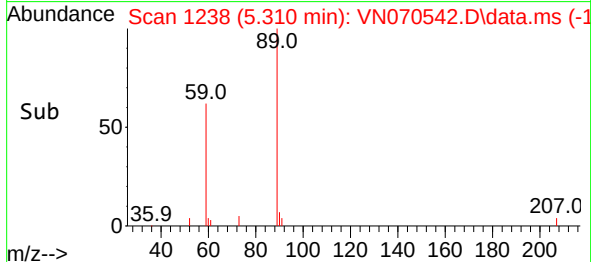
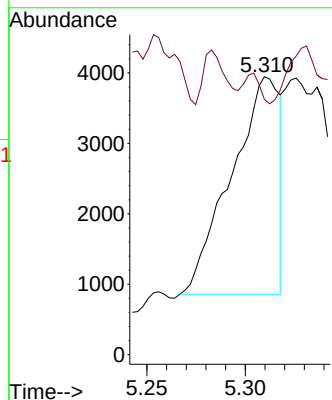
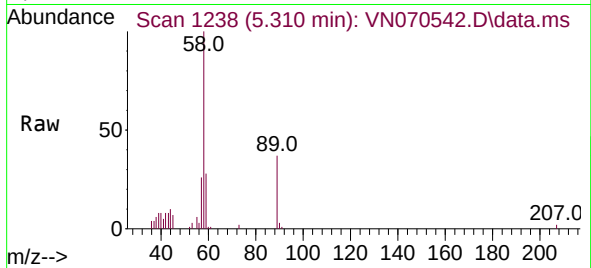




#11
Tert butyl alcohol
Concen: 1.973 ug/l
RT: 5.310 min Scan# 11
Delta R.T. -0.067 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

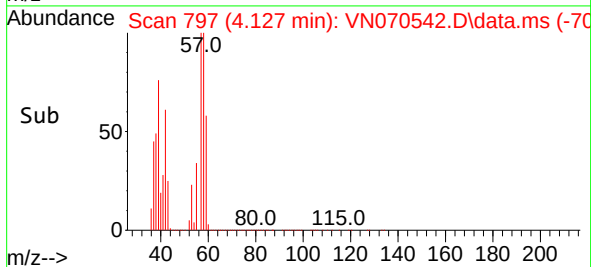
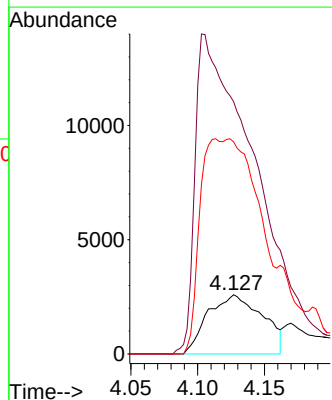
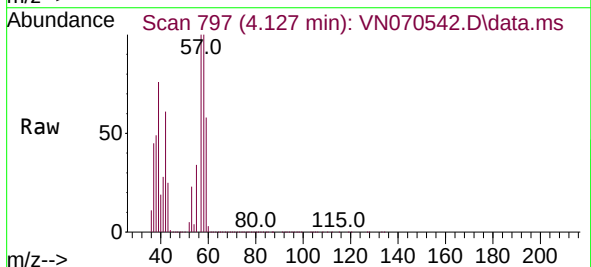
Instrument :
MSVOA_N
ClientSampleId :

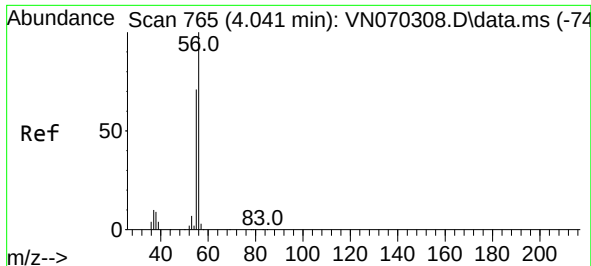
Tgt Ion: 59 Resp: 5250
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 0.652 ug/l
RT: 4.127 min Scan# 797
Delta R.T. -0.054 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion: 96 Resp: 7378
Ion Ratio Lower Upper
96 100
61 416.9 131.0 196.6#
98 357.9 52.4 78.6#





#13

Acrolein

Concen: 279.601 ug/l

RT: 4.063 min Scan# 71

Delta R.T. 0.022 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

Instrument :

MSVOA_N

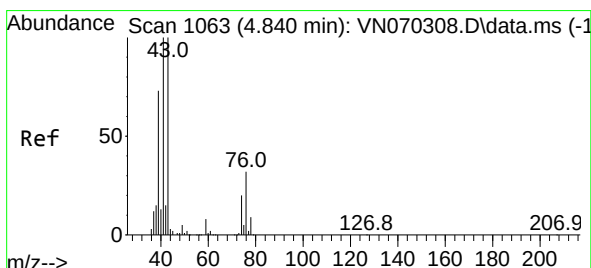
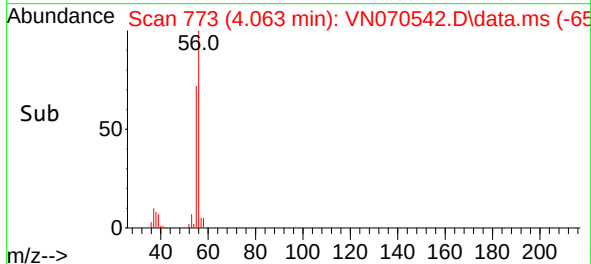
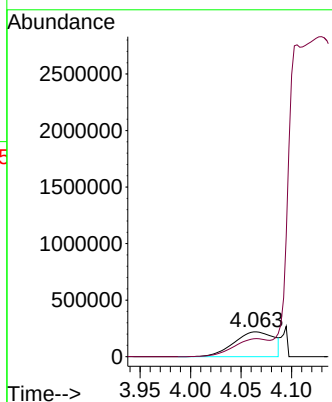
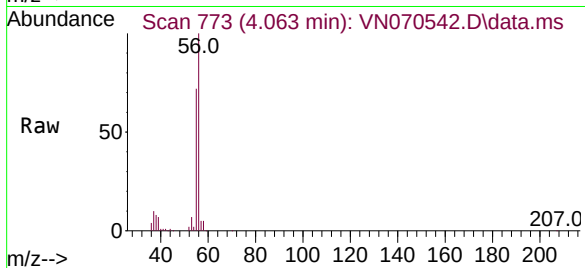
ClientSampleId :

Tgt Ion: 56 Resp: 603609

Ion Ratio Lower Upper

56 100

55 62.6 56.6 85.0



#14

Allyl chloride

Concen: 2.798 ug/l

RT: 4.795 min Scan# 1046

Delta R.T. -0.045 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

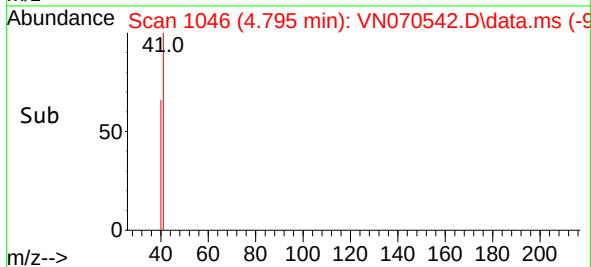
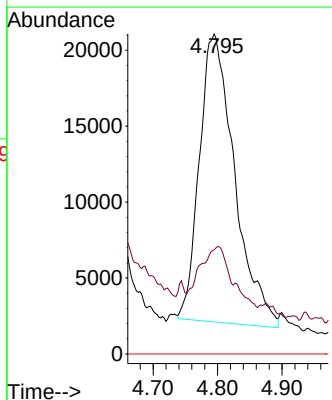
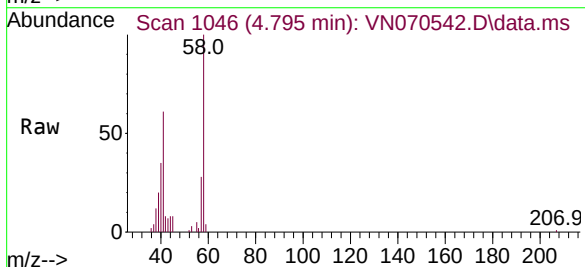
Tgt Ion: 41 Resp: 71796

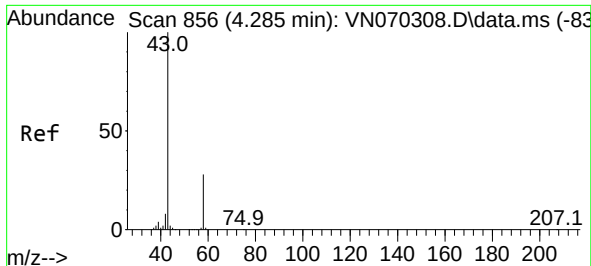
Ion Ratio Lower Upper

41 100

39 8.9 61.2 91.8#

76 0.0 26.0 39.0#

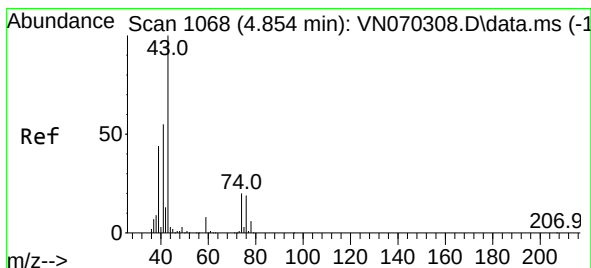
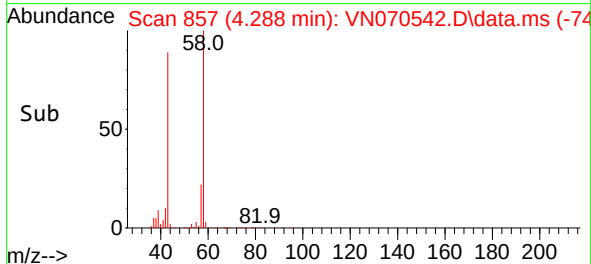
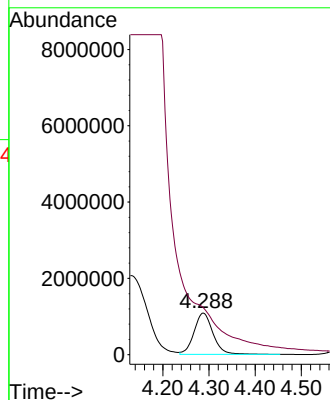
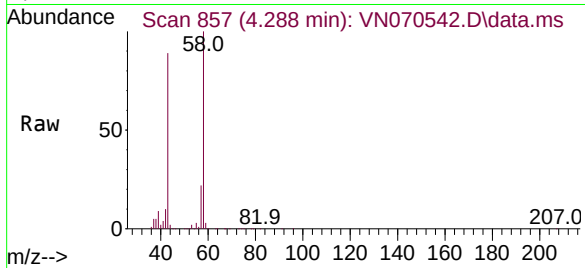




#16
Acetone
Concen: 297.899 ug/l
RT: 4.288 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

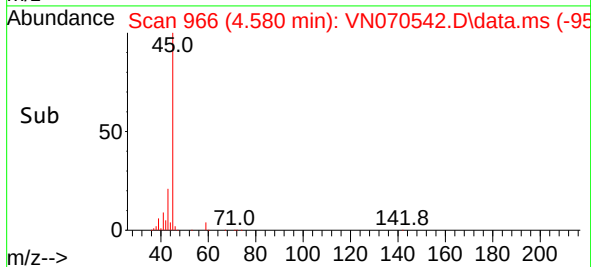
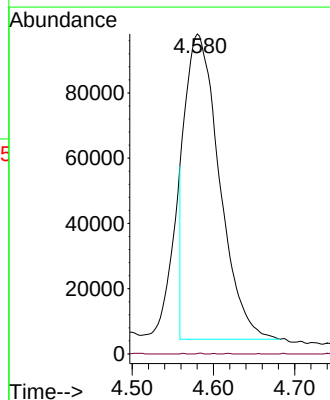
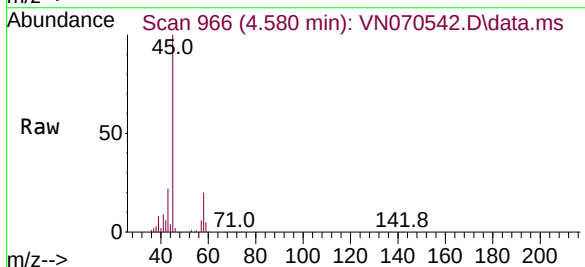
Instrument :
MSVOA_N
ClientSampleId :

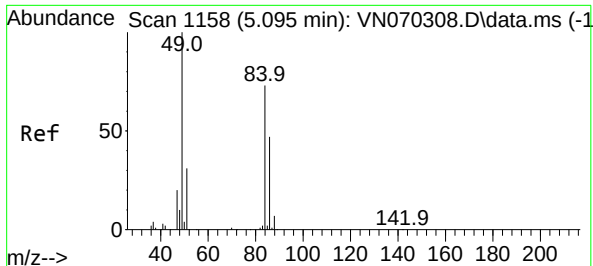
Tgt Ion: 43 Resp: 3090154
Ion Ratio Lower Upper
43 100
58 96.0 23.1 34.7#



#18
Methyl Acetate
Concen: 9.144 ug/l
RT: 4.580 min Scan# 966
Delta R.T. -0.274 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

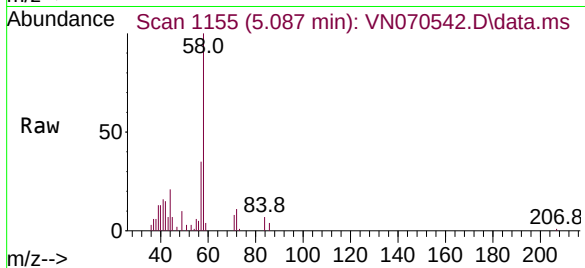
Tgt Ion: 43 Resp: 274366
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



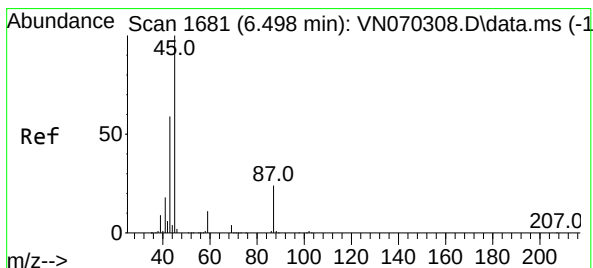
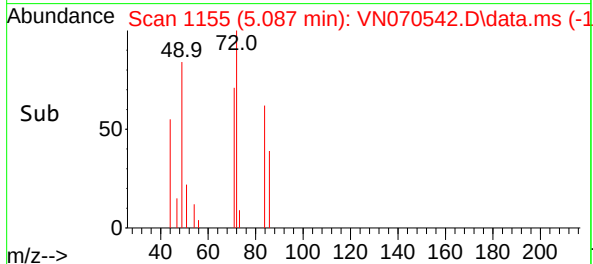
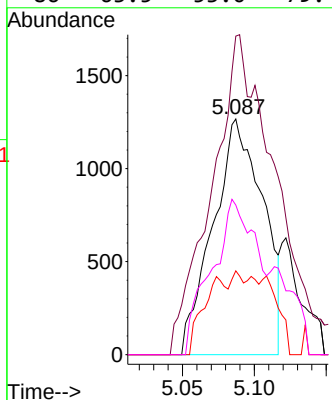


#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.008 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :

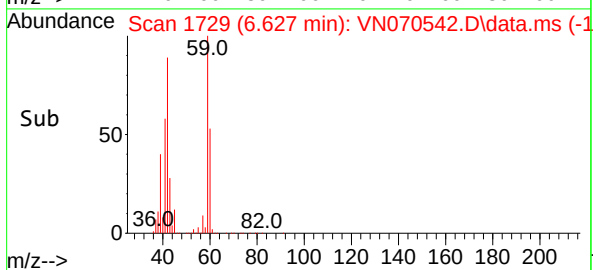
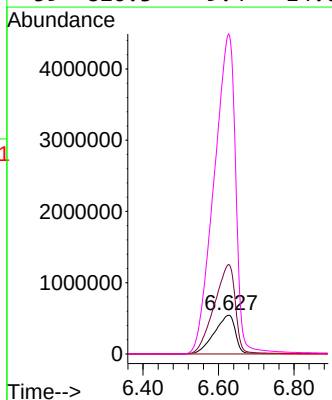
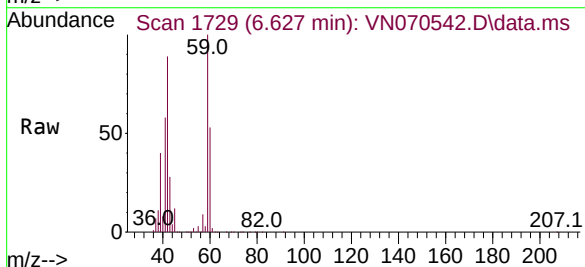


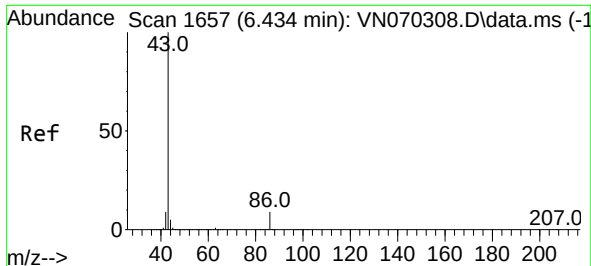
Tgt Ion:	84	Resp:	3056
Ion	Ratio	Lower	Upper
84	100		
49	119.5	93.5	140.3
51	35.5	29.4	44.2
86	63.5	53.0	79.4



#22
Diisopropyl ether
Concen: 42.597 ug/l
RT: 6.627 min Scan# 1729
Delta R.T. 0.128 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion:	45	Resp:	2129192
Ion	Ratio	Lower	Upper
45	100		
43	230.8	51.7	77.5#
87	0.0	23.2	34.8#
59	826.3	9.4	14.0#

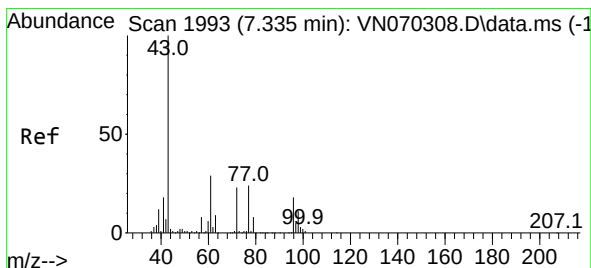
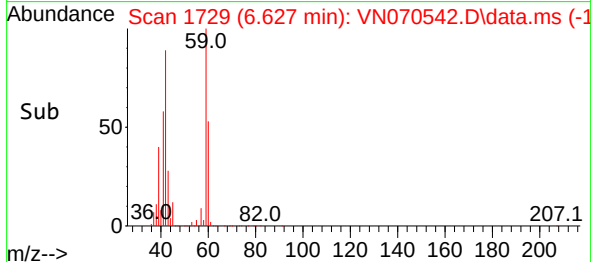
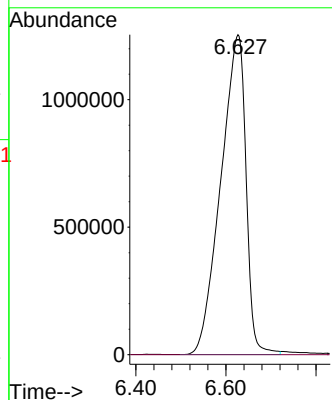
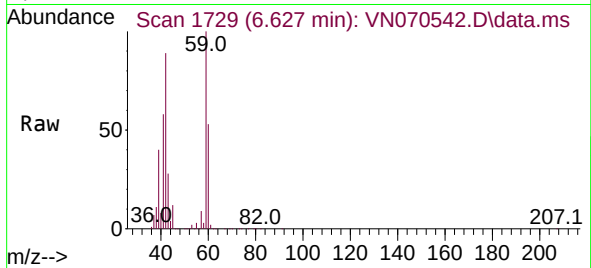




#23
 Vinyl Acetate
 Concen: 125.598 ug/l
 RT: 6.627 min Scan# 11
 Delta R.T. 0.192 min
 Lab File: VN070542.D
 Acq: 10 Jan 2022 14:47

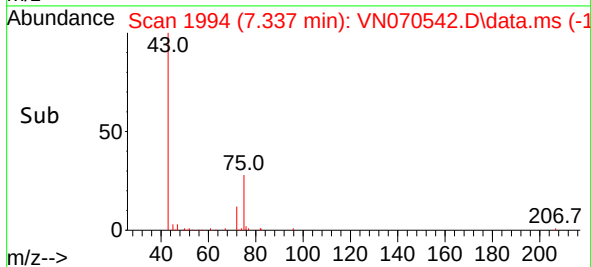
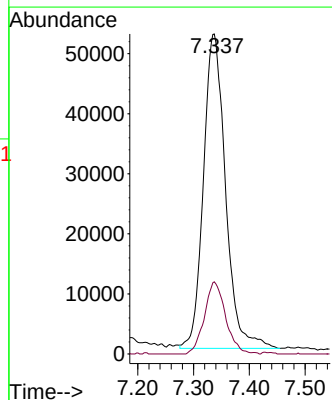
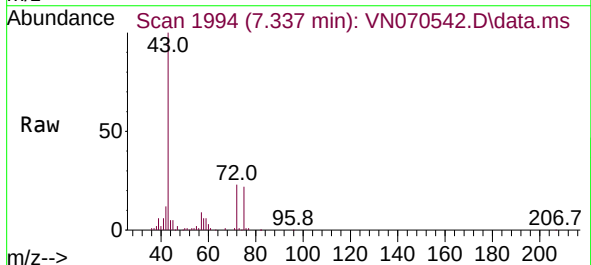
Instrument :
 MSVOA_N
 ClientSampleId :

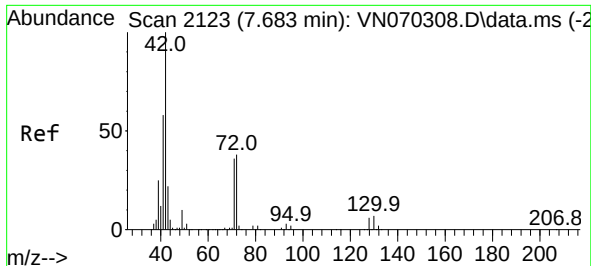
Tgt Ion: 43 Resp: 4870848
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 11.042 ug/l
 RT: 7.337 min Scan# 1994
 Delta R.T. 0.002 min
 Lab File: VN070542.D
 Acq: 10 Jan 2022 14:47

Tgt Ion: 43 Resp: 144225
 Ion Ratio Lower Upper
 43 100
 72 23.0 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.144 ug/l

RT: 7.689 min Scan# 2123

Delta R.T. 0.006 min

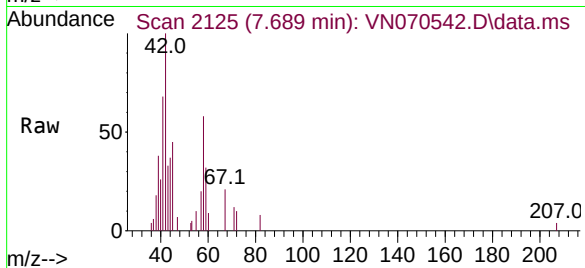
Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

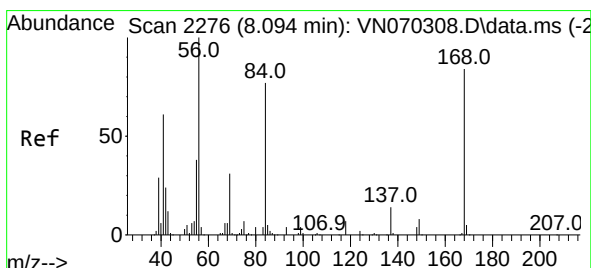
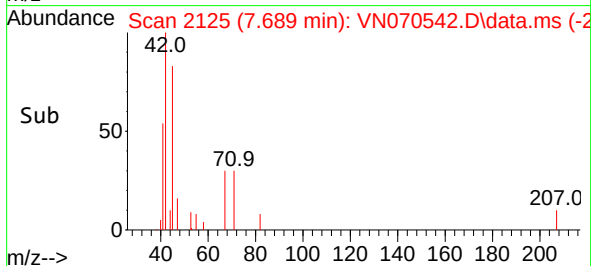
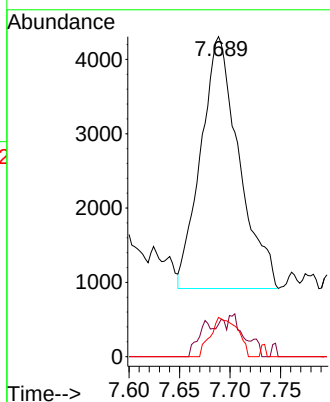
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	8912
Ion	Ratio	Lower	Upper
42	100		
72	2.4	36.3	54.5#
71	10.9	34.7	52.1#



#31

Cyclohexane

Concen: 1.023 ug/l

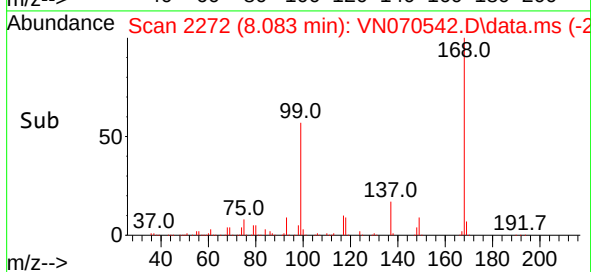
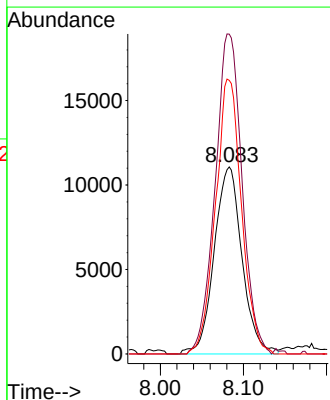
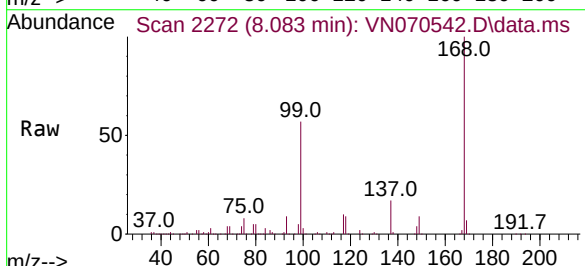
RT: 8.083 min Scan# 2272

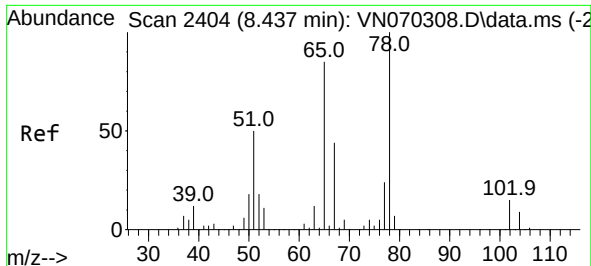
Delta R.T. -0.011 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

Tgt Ion:	56	Resp:	25790
Ion	Ratio	Lower	Upper
56	100		
69	171.0	27.1	40.7#
84	146.2	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.541 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

Instrument :

MSVOA_N

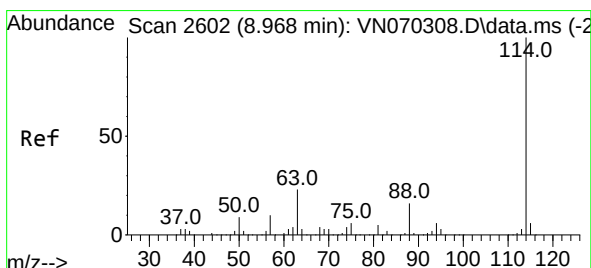
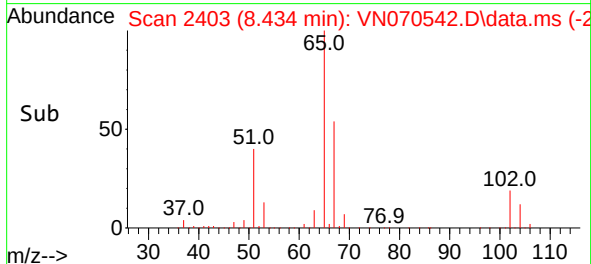
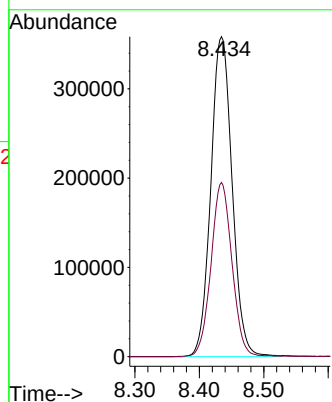
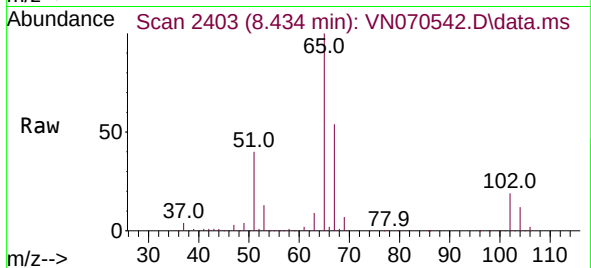
ClientSampleId :

Tgt Ion: 65 Resp: 823596

Ion Ratio Lower Upper

65 100

67 53.5 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: VN070542.D

Acq: 10 Jan 2022 14:47

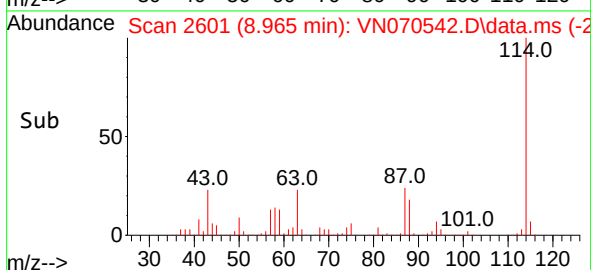
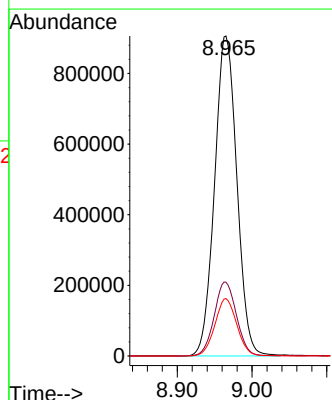
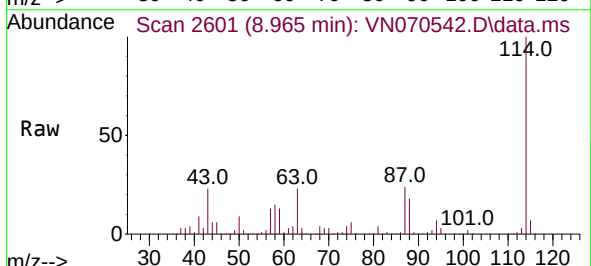
Tgt Ion: 114 Resp: 1876795

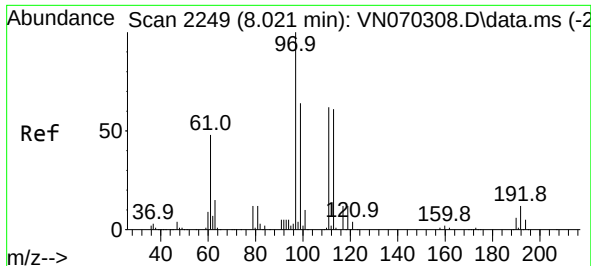
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

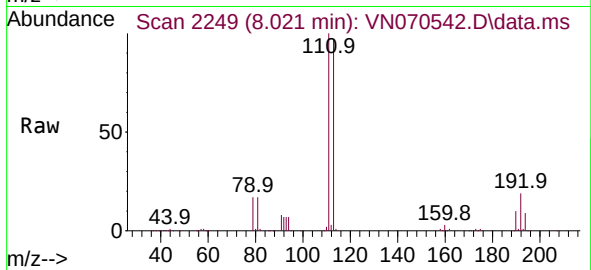
88 17.9 0.0 27.4



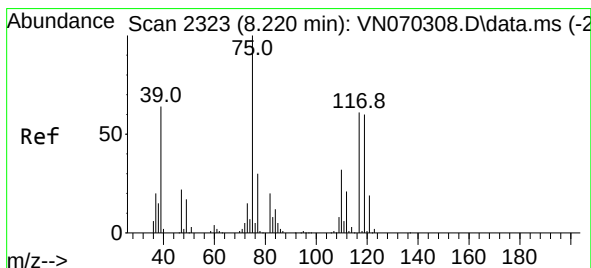
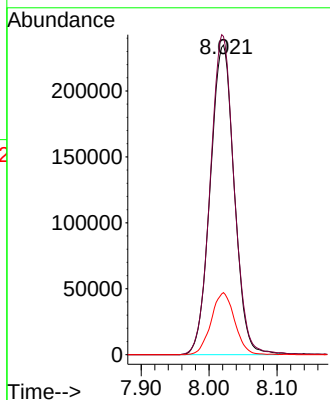
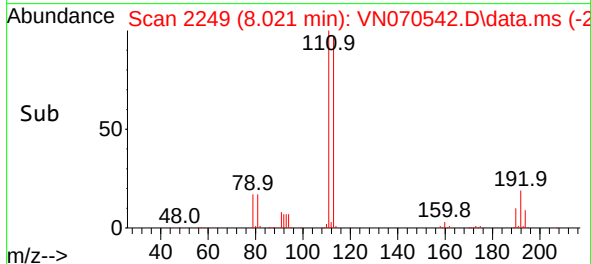


#35
 Dibromofluoromethane
 Concen: 50.585 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. 0.000 min
 Lab File: VN070542.D
 Acq: 10 Jan 2022 14:47

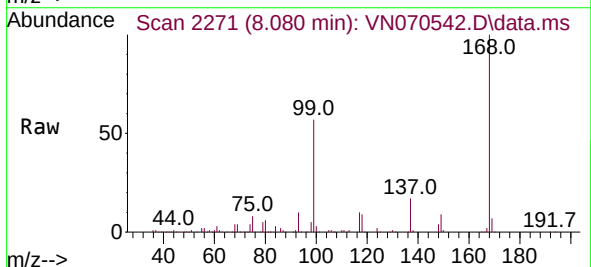
Instrument :
 MSVOA_N
 ClientSampleId :



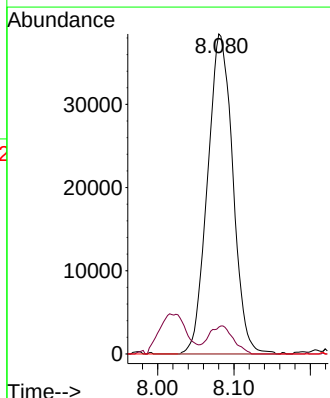
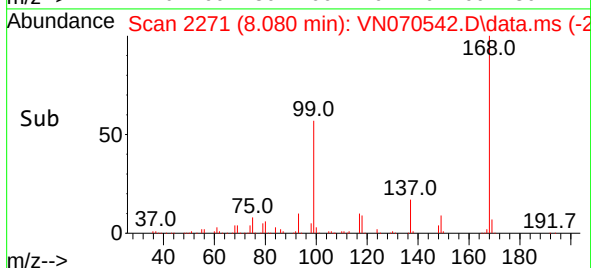
Tgt Ion:113 Resp: 574425
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 19.7 16.9 25.3

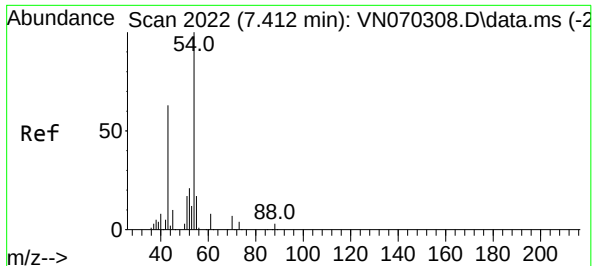


#36
 1,1-Dichloropropene
 Concen: 4.709 ug/l
 RT: 8.080 min Scan# 2271
 Delta R.T. -0.140 min
 Lab File: VN070542.D
 Acq: 10 Jan 2022 14:47



Tgt Ion: 75 Resp: 88451
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 5.923 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. -0.075 min

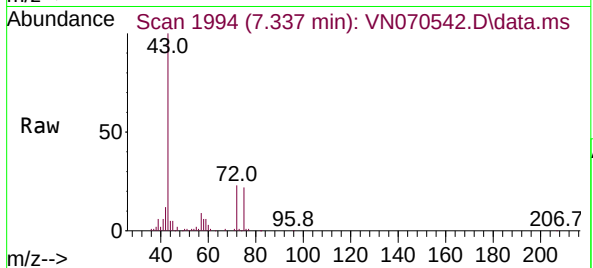
Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :



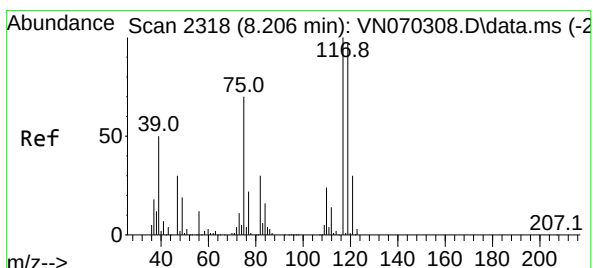
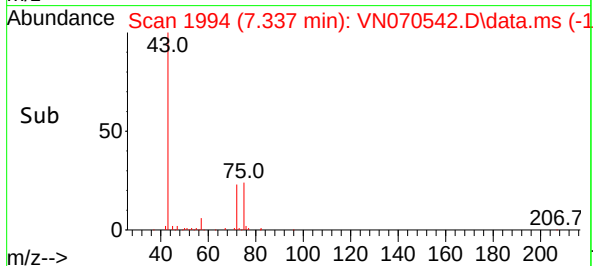
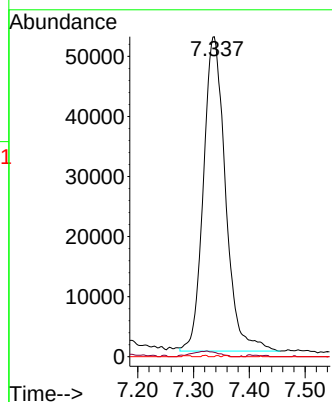
Tgt Ion: 43 Resp: 144225

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.1 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.062 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.123 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

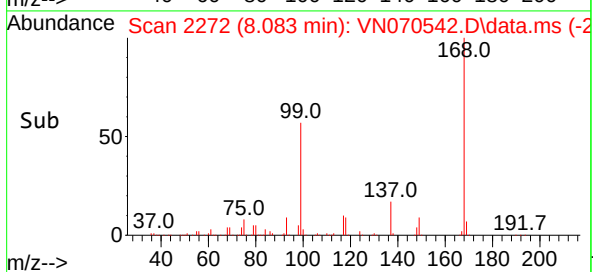
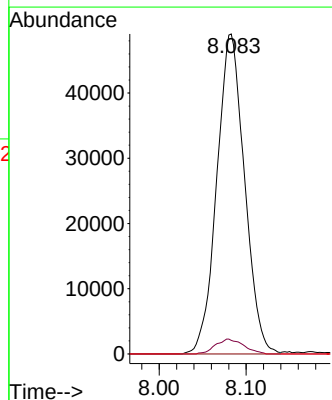
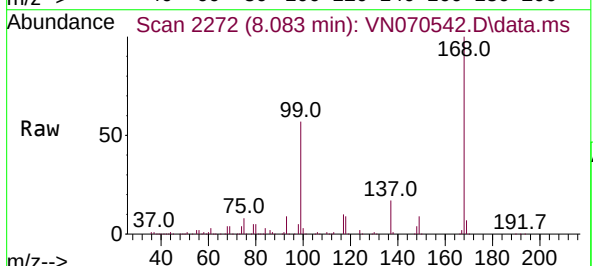
Tgt Ion: 117 Resp: 108734

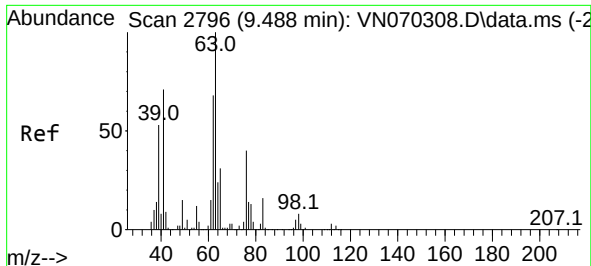
Ion Ratio Lower Upper

117 100

119 4.3 76.1 114.1#

121 0.0 24.2 36.2#





#45

1,2-Dichloropropane

Concen: 0.370 ug/l

RT: 9.483 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

Instrument :

MSVOA_N

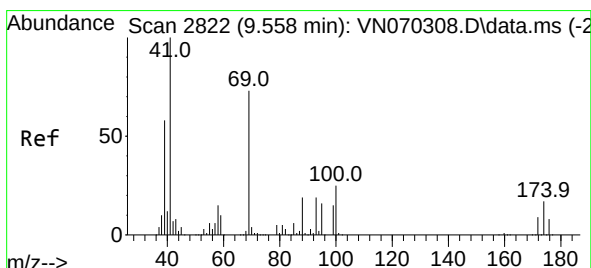
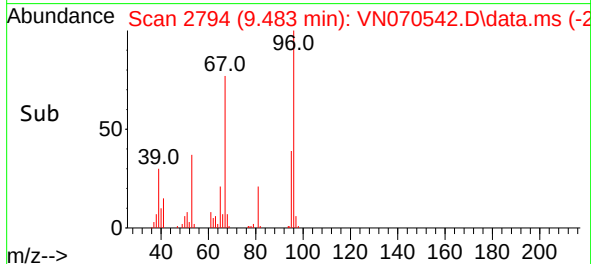
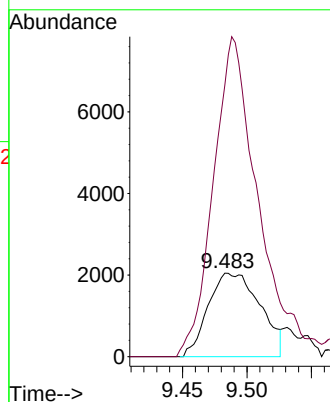
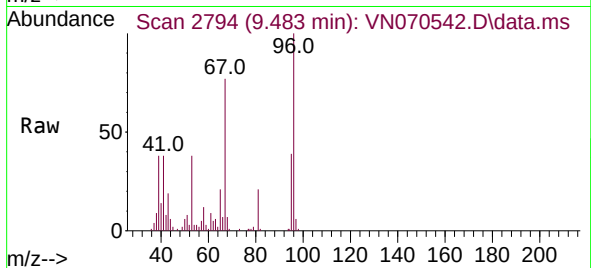
ClientSampleId :

Tgt Ion: 63 Resp: 5730

Ion Ratio Lower Upper

63 100

65 317.1 24.7 37.1#



#48

Methyl methacrylate

Concen: 2.406 ug/l

RT: 9.526 min Scan# 2810

Delta R.T. -0.032 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

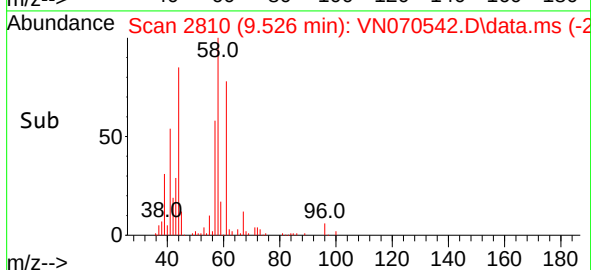
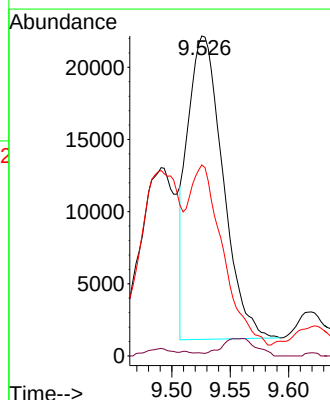
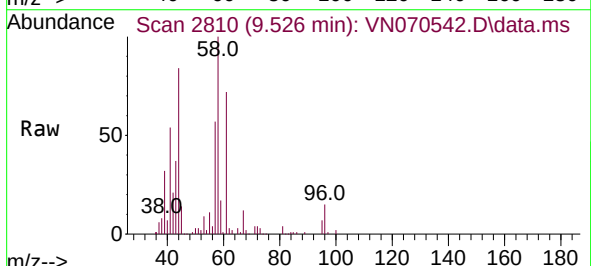
Tgt Ion: 41 Resp: 44057

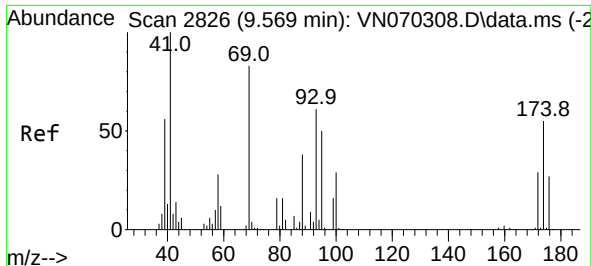
Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 0.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 2.985 ug/l

RT: 9.571 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

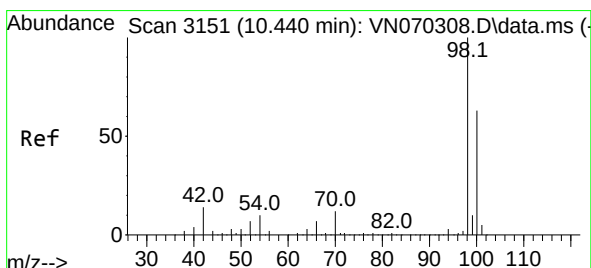
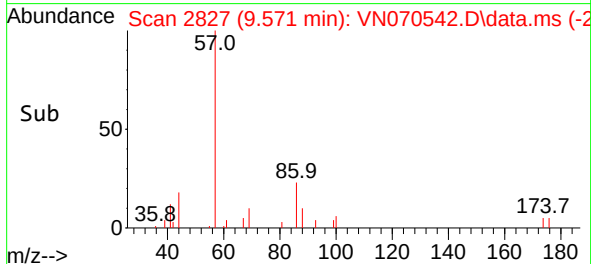
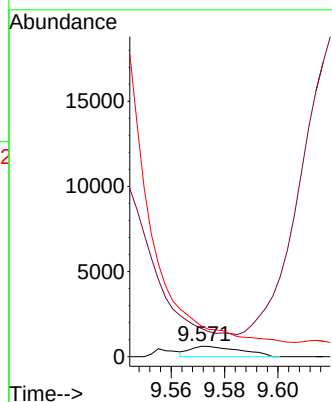
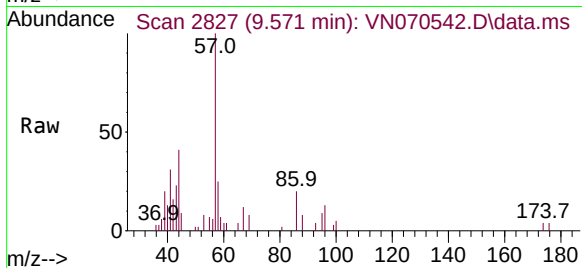
Tgt Ion: 88 Resp: 800

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 50.527 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.002 min

Lab File: VN070542.D

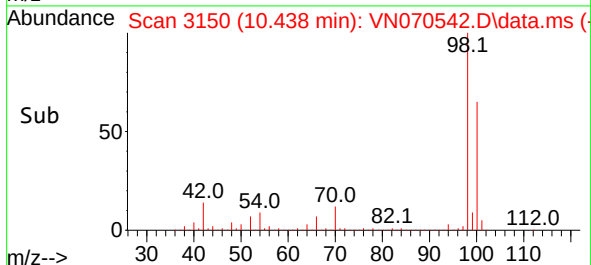
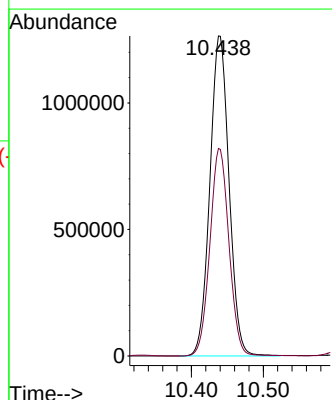
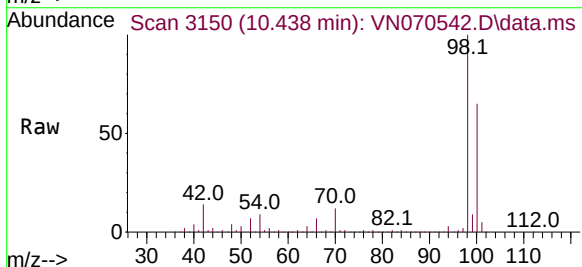
Acq: 10 Jan 2022 14:47

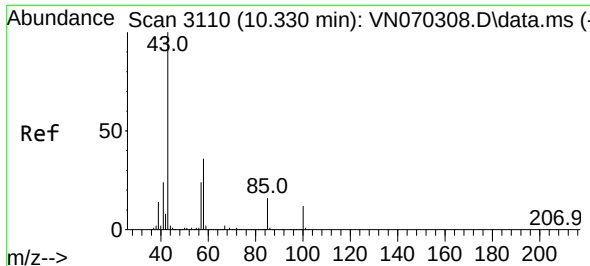
Tgt Ion: 98 Resp: 2343867

Ion Ratio Lower Upper

98 100

100 64.6 50.4 75.6

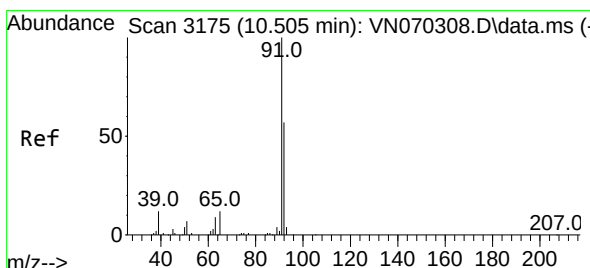
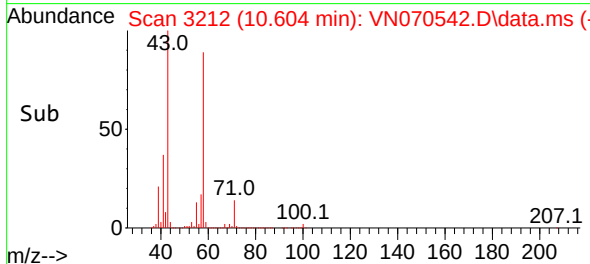
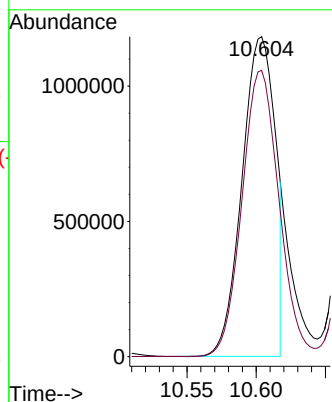
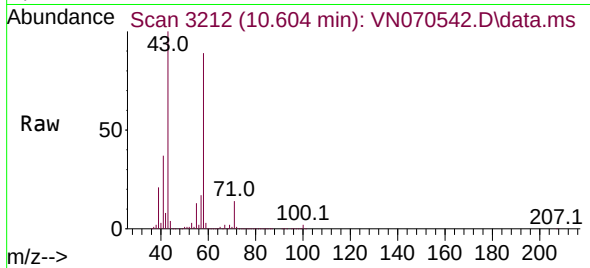




#51
4-Methyl-2-Pentanone
Concen: 81.784 ug/l
RT: 10.604 min Scan# 3110
Delta R.T. 0.274 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

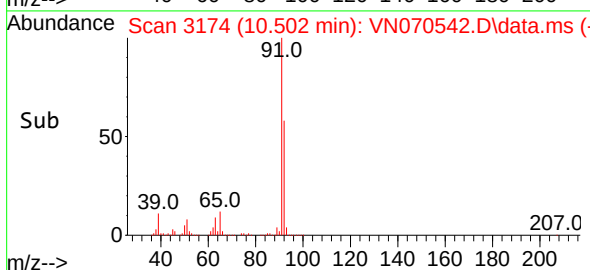
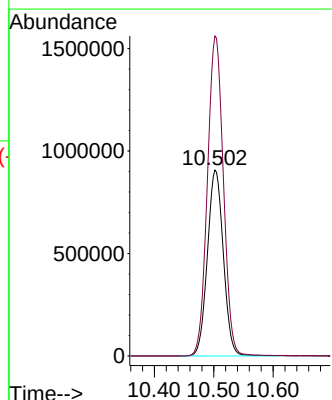
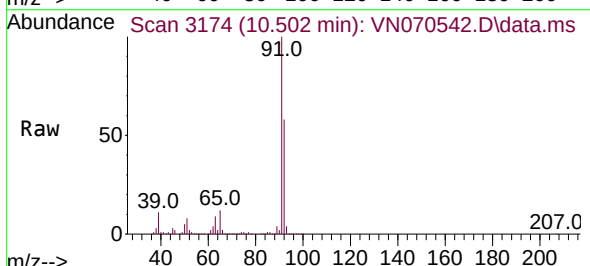
Instrument :
MSVOA_N
ClientSampleId :

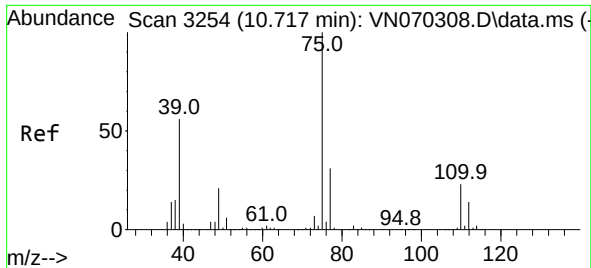
Tgt Ion: 43 Resp: 1972849
Ion Ratio Lower Upper
43 100
58 88.2 30.4 45.6#



#52
Toluene
Concen: 48.328 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion: 92 Resp: 1684694
Ion Ratio Lower Upper
92 100
91 172.8 142.0 213.0

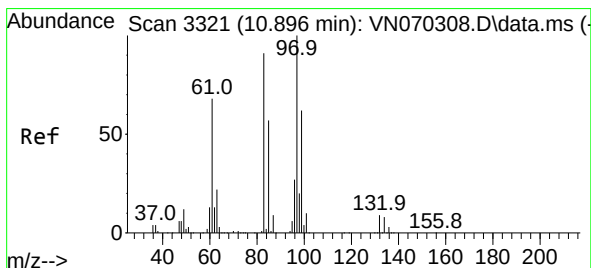
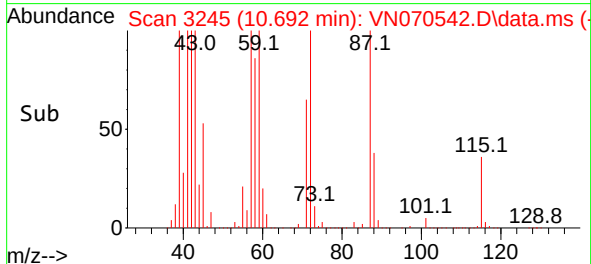
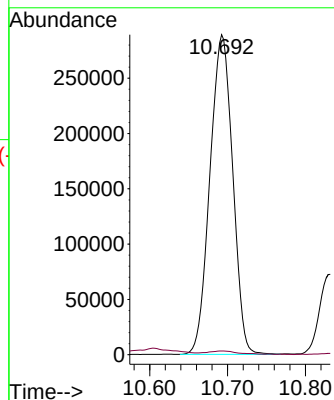
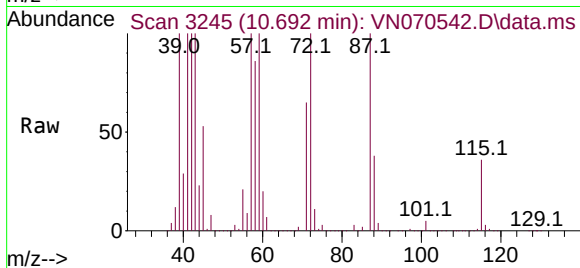




#53
t-1,3-Dichloropropene
Concen: 28.322 ug/l
RT: 10.692 min Scan# 31
Delta R.T. -0.025 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

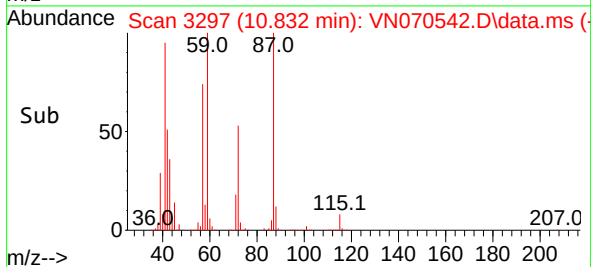
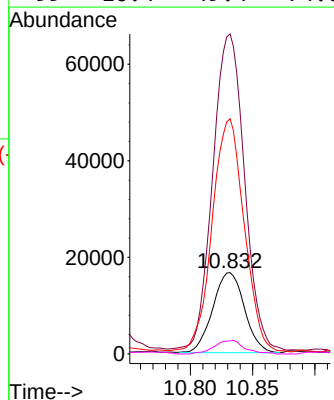
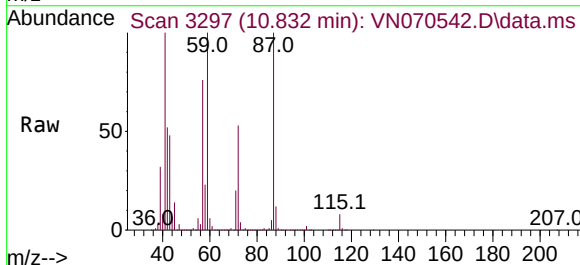
Instrument :
MSVOA_N
ClientSampleId :

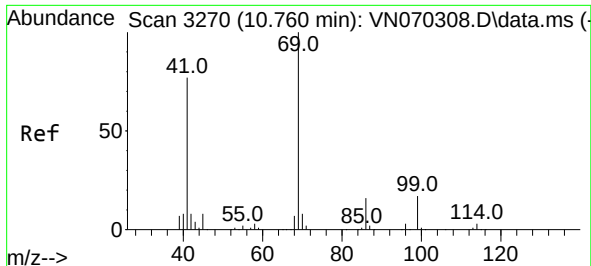
Tgt Ion: 75 Resp: 587015
Ion Ratio Lower Upper
75 100
77 1.0 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 2.122 ug/l
RT: 10.832 min Scan# 3297
Delta R.T. -0.064 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion: 97 Resp: 29267
Ion Ratio Lower Upper
97 100
83 392.4 67.8 101.6#
85 290.1 45.4 68.2#
99 16.4 49.4 74.0#

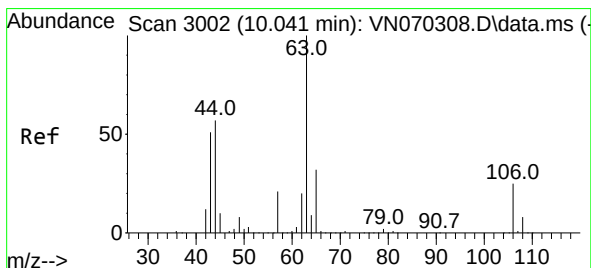
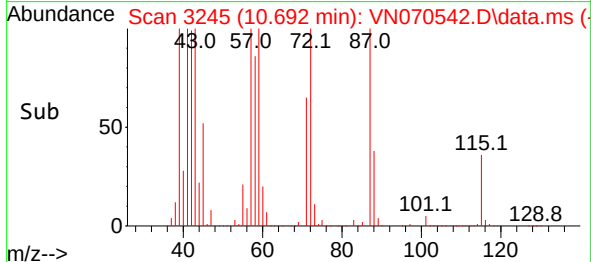
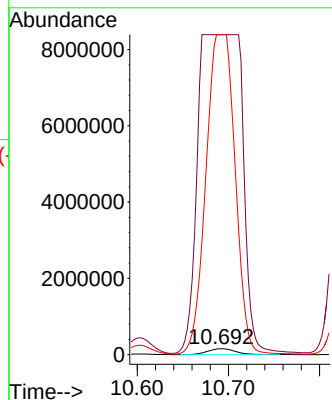
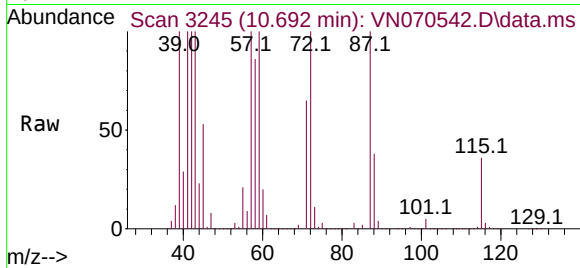




#56
Ethyl methacrylate
Concen: 14.349 ug/l
RT: 10.692 min Scan# 31
Delta R.T. -0.068 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

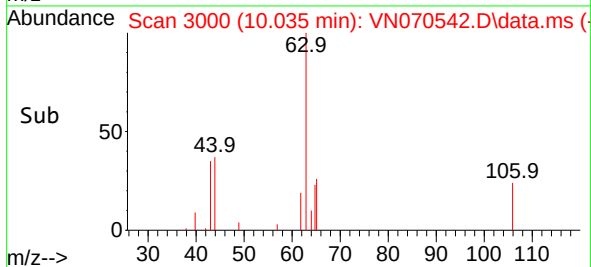
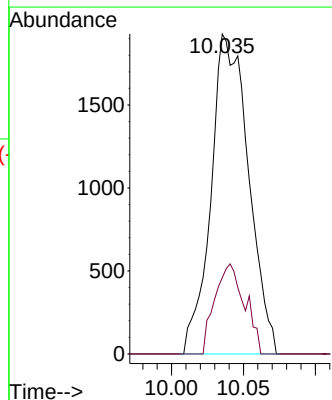
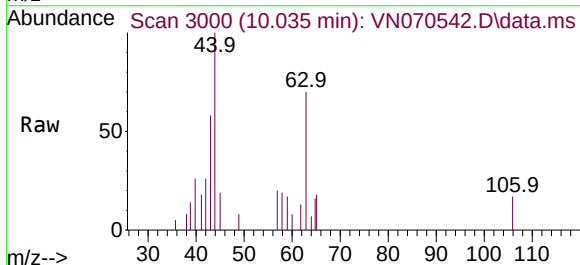
Instrument :
MSVOA_N
ClientSampleId :

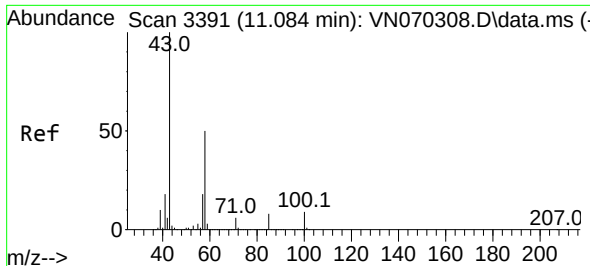
Tgt Ion: 69 Resp: 327000
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.068 ug/l
RT: 10.035 min Scan# 3000
Delta R.T. -0.006 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion: 63 Resp: 3490
Ion Ratio Lower Upper
63 100
106 22.3 23.9 35.9#

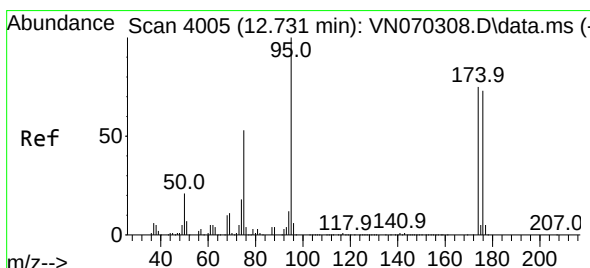
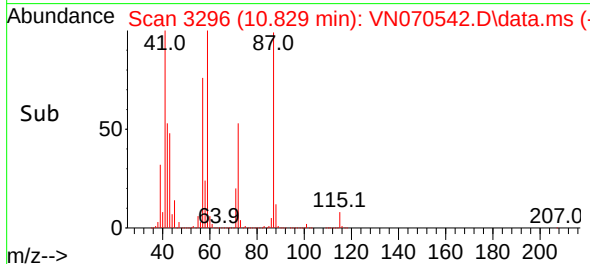
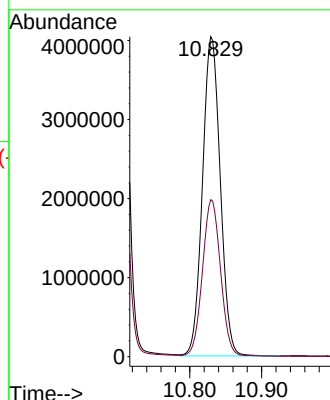
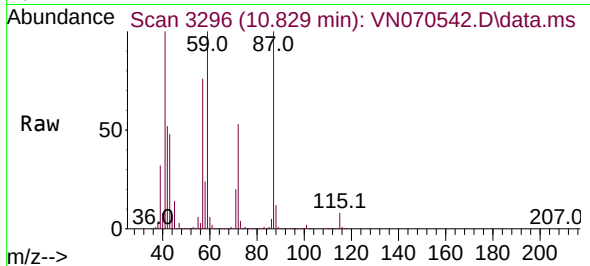




#59
2-Hexanone
Concen: 395.764 ug/l
RT: 10.829 min Scan# 31
Delta R.T. -0.255 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

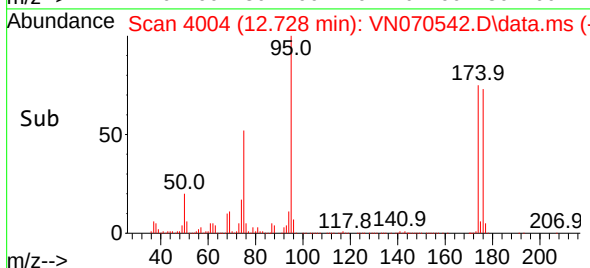
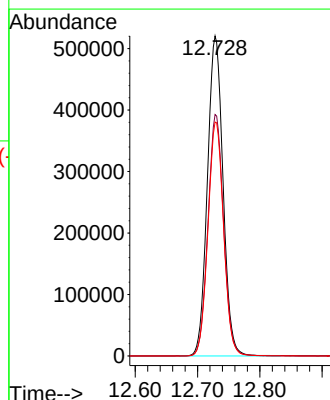
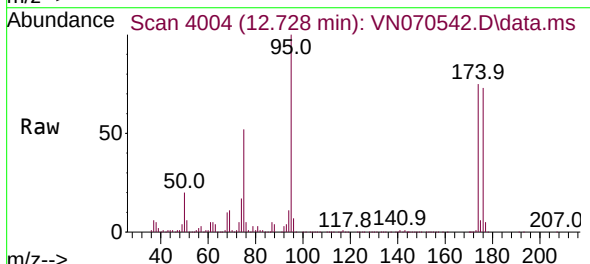
Instrument :
MSVOA_N
ClientSampleId :

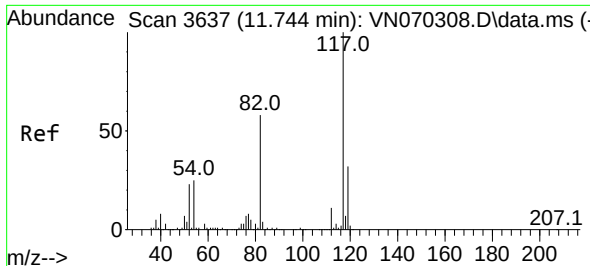
Tgt Ion: 43 Resp: 6962042
Ion Ratio Lower Upper
43 100
58 50.0 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 54.043 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

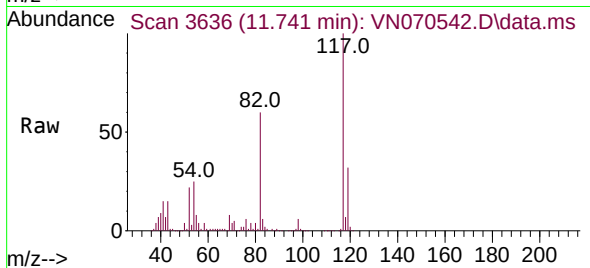
Tgt Ion: 95 Resp: 905469
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.2 0.0 181.4



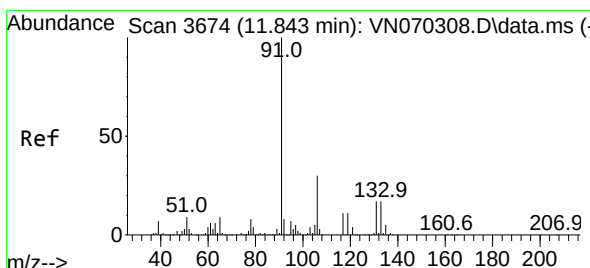
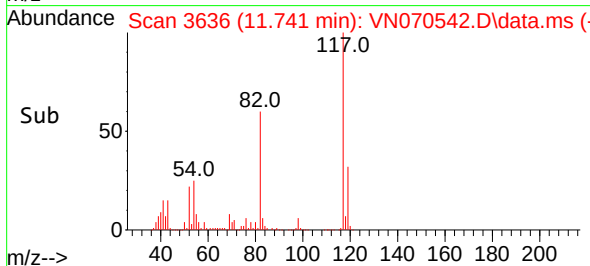
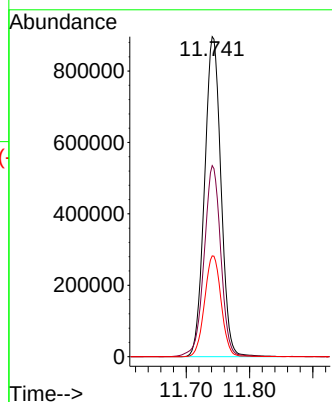


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :

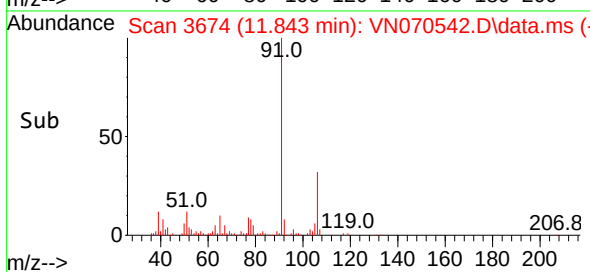
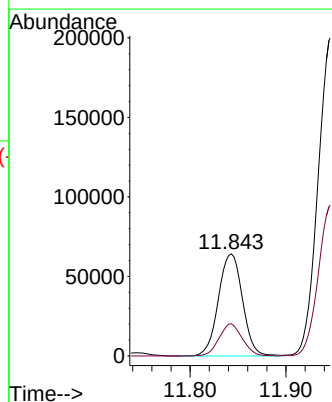
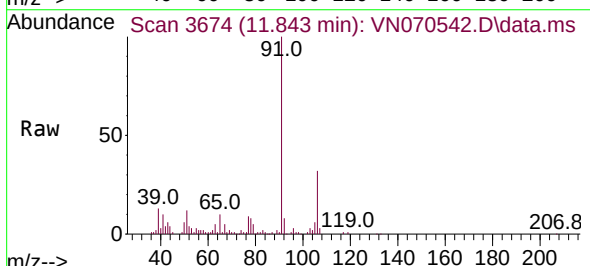


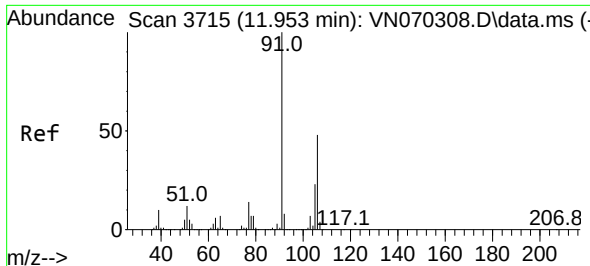
Tgt Ion:117 Resp: 1609583
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.5 25.4 38.2



#67
Ethyl Benzene
Concen: 1.792 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion: 91 Resp: 112123
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5

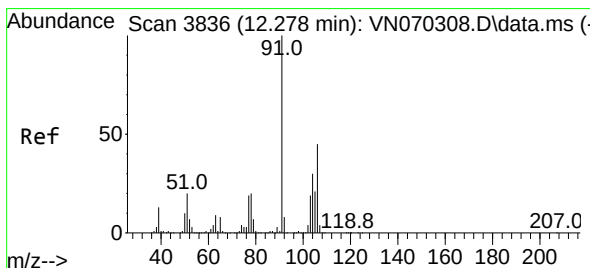
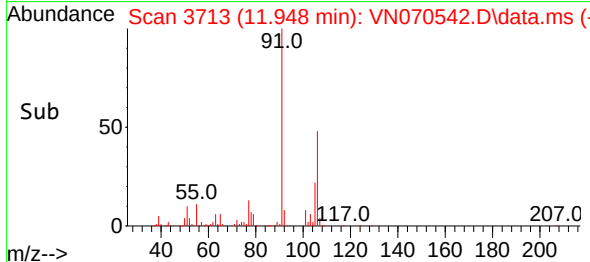
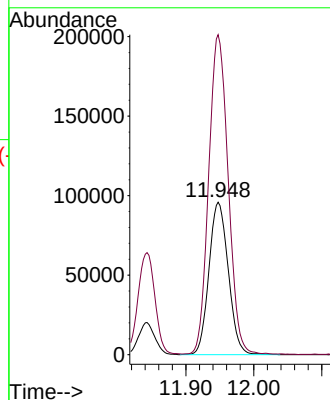
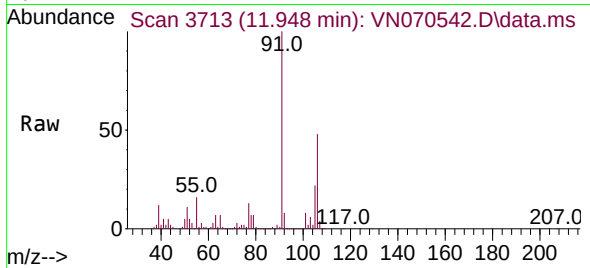




#68
m/p-Xylenes
Concen: 8.328 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

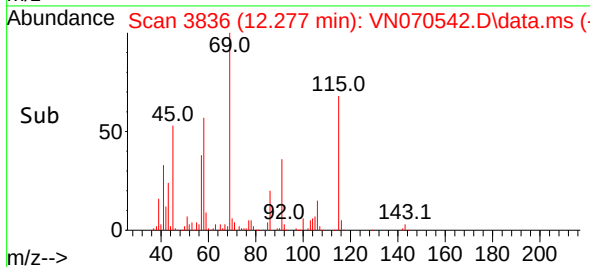
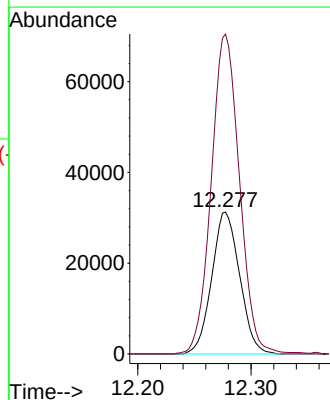
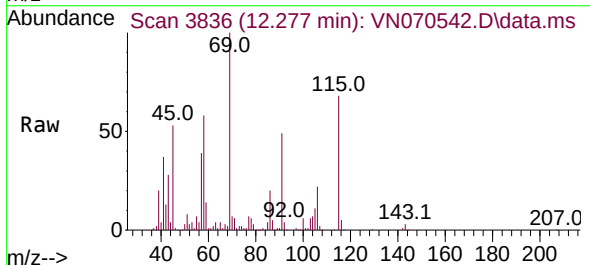
Instrument :
MSVOA_N
ClientSampleId :

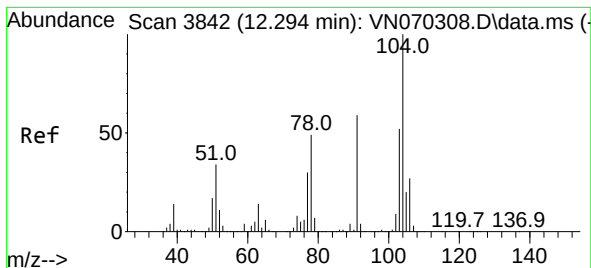
Tgt Ion:106 Resp: 189686
Ion Ratio Lower Upper
106 100
91 209.7 160.6 240.8



#69
o-Xylene
Concen: 2.359 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion:106 Resp: 53446
Ion Ratio Lower Upper
106 100
91 228.5 105.8 317.3





#70

Styrene

Concen: 0.938 ug/l

RT: 12.291 min Scan# 3841

Delta R.T. -0.003 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

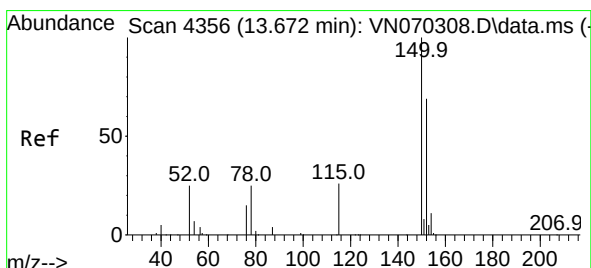
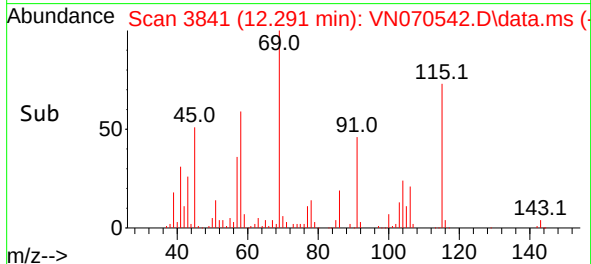
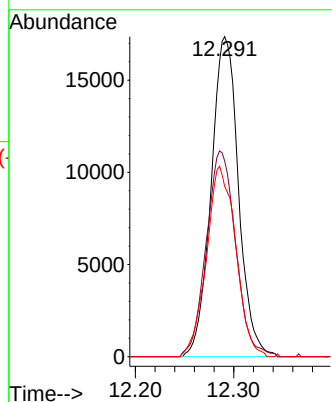
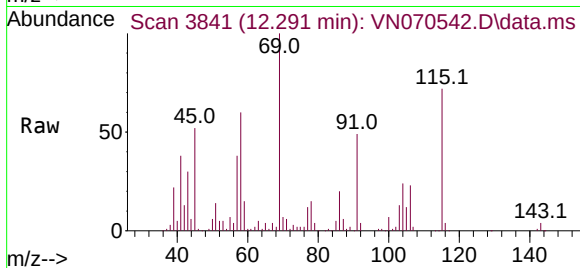
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104 Resp: 33630

Ion	Ratio	Lower	Upper
104	100		
78	68.8	38.7	58.1#
103	63.5	45.0	67.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

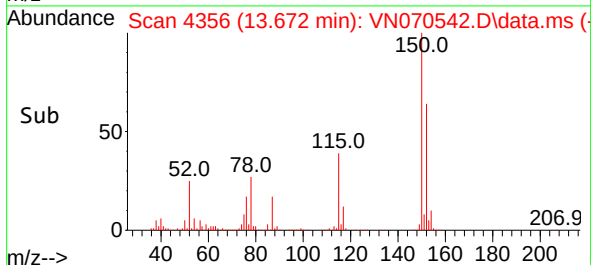
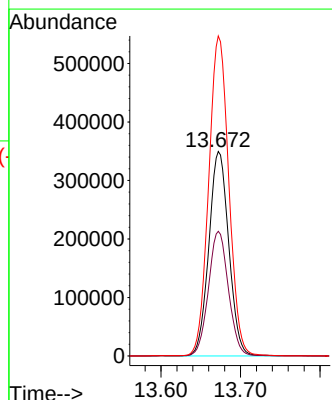
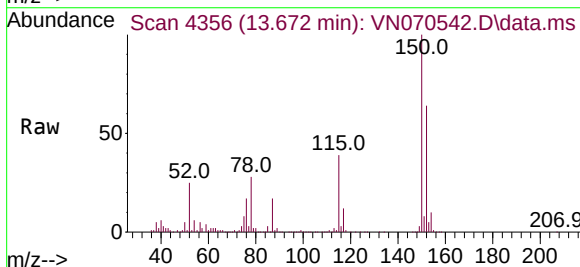
Delta R.T. 0.000 min

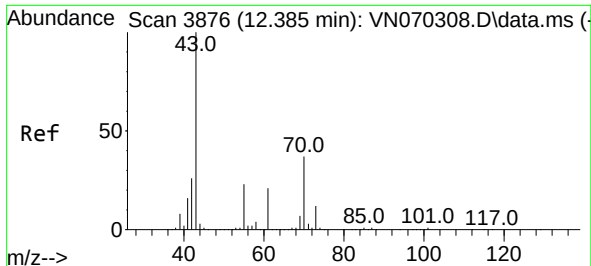
Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

Tgt Ion:152 Resp: 608251

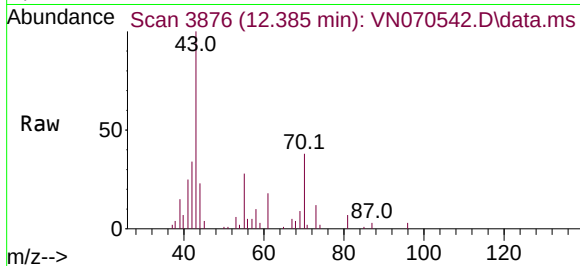
Ion	Ratio	Lower	Upper
152	100		
115	60.9	27.5	82.5
150	157.6	0.0	344.4



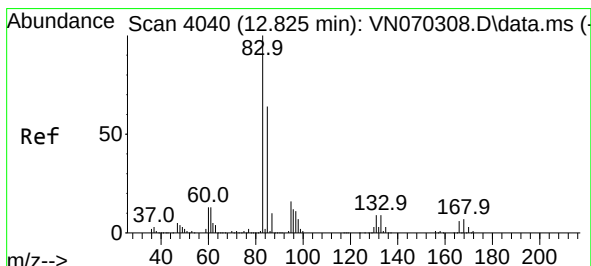
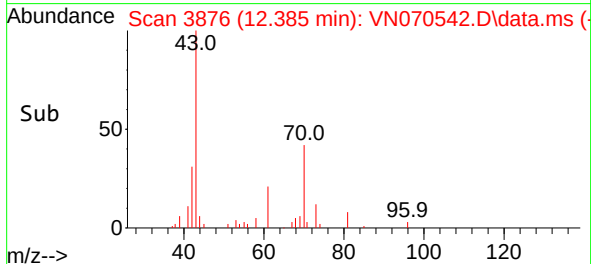
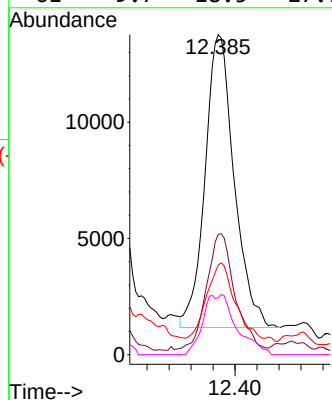


#74
N-ethyl acetate
Concen: 0.975 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :

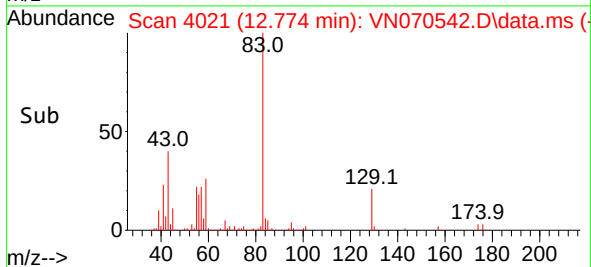
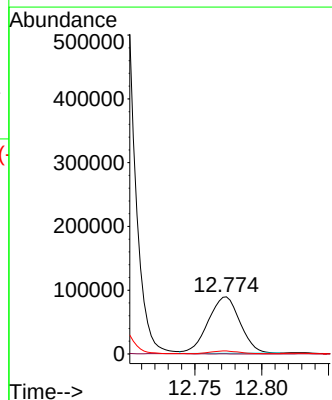
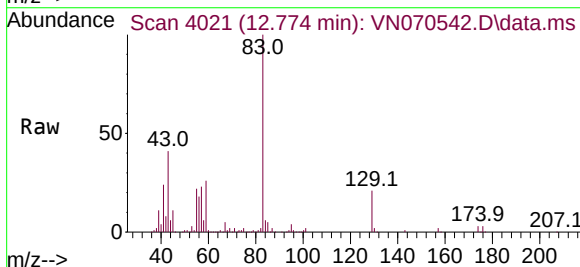


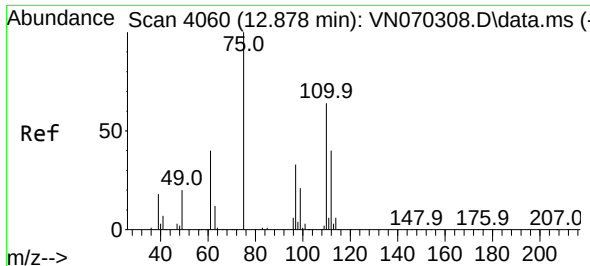
Tgt Ion: 43	Resp: 23149
Ion Ratio	Lower Upper
43 100	
70 37.7	33.4 50.0
55 0.0	19.3 28.9#
61 9.7	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 7.638 ug/l
RT: 12.774 min Scan# 4021
Delta R.T. -0.051 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion: 83	Resp: 146851
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 4.5	32.4 97.2#

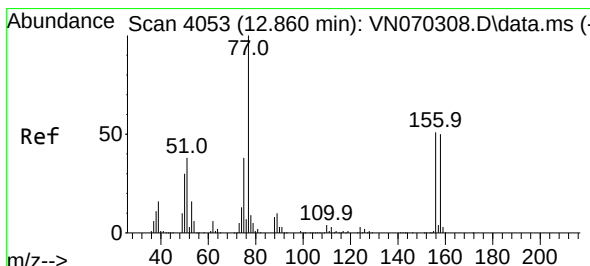
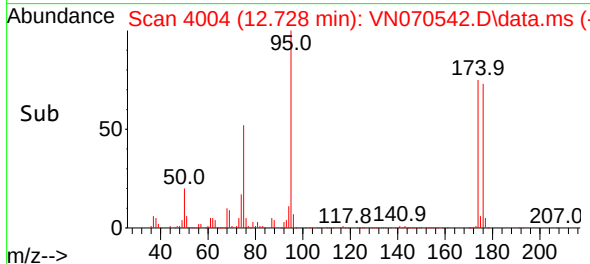
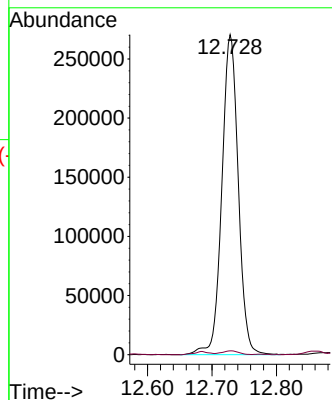
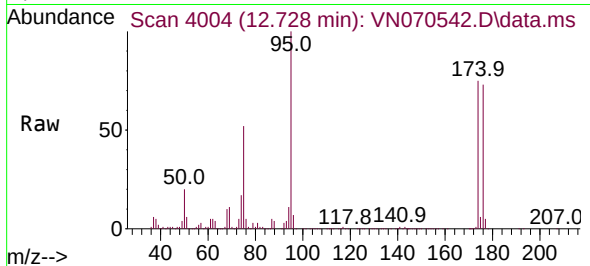




#76
1,2,3-Trichloropropane
Concen: 27.844 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

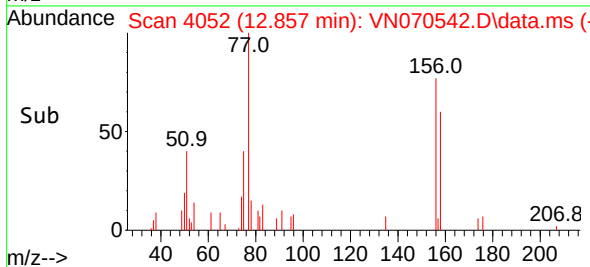
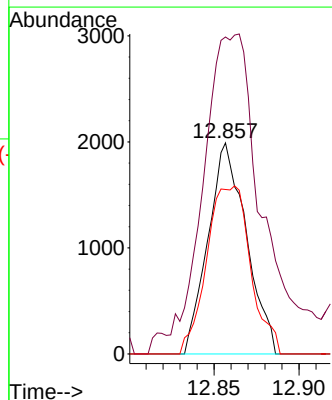
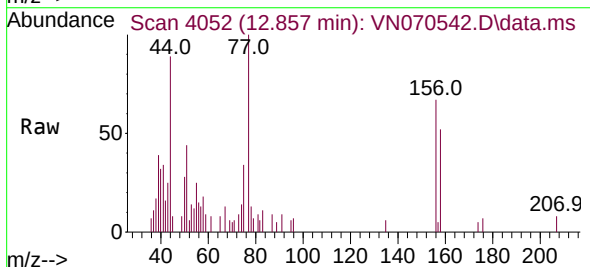
Instrument :
MSVOA_N
ClientSampleId :

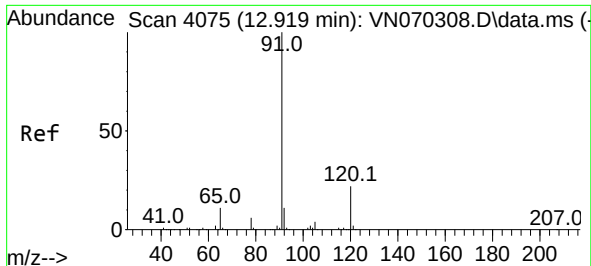
Tgt Ion: 75 Resp: 478326
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#77
Bromobenzene
Concen: 0.240 ug/l
RT: 12.857 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion:156 Resp: 3108
Ion Ratio Lower Upper
156 100
77 238.9 90.6 271.8
158 91.1 48.9 146.7

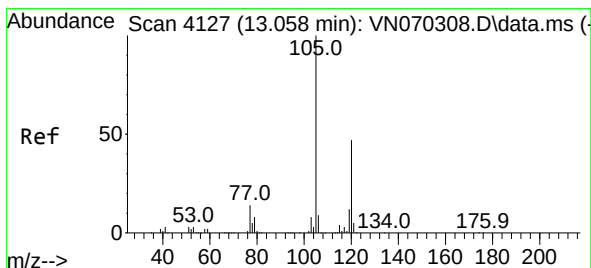
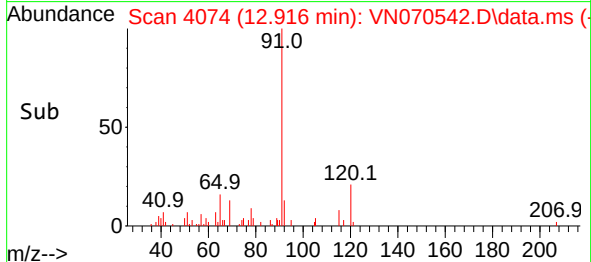
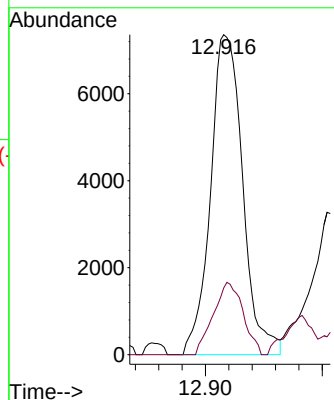
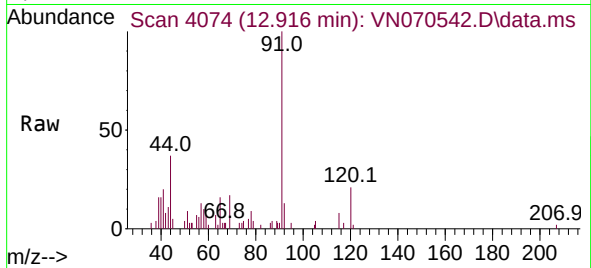




#78
n-propylbenzene
Concen: 0.225 ug/l
RT: 12.916 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

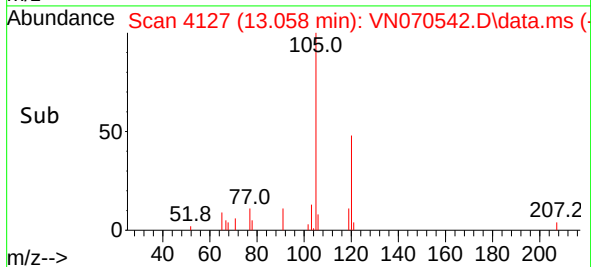
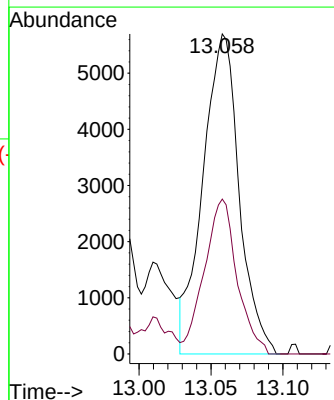
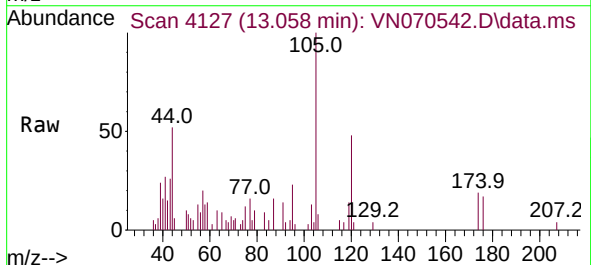
Instrument :
MSVOA_N
ClientSampleId :

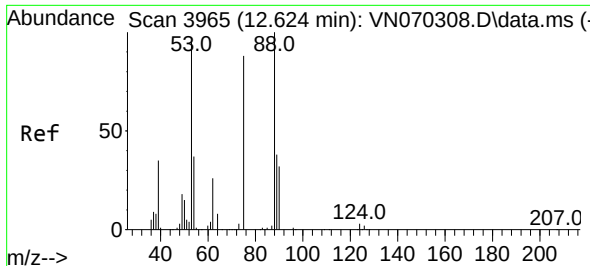
Tgt Ion: 91 Resp: 14094
Ion Ratio Lower Upper
91 100
120 20.8 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 0.221 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

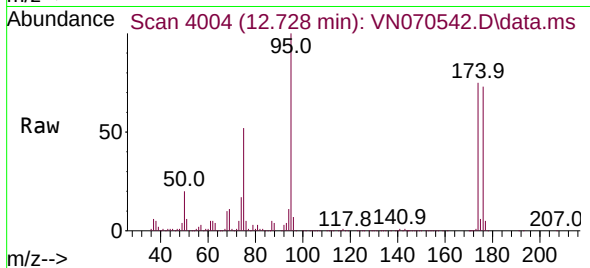
Tgt Ion: 105 Resp: 9992
Ion Ratio Lower Upper
105 100
120 43.8 24.6 73.6



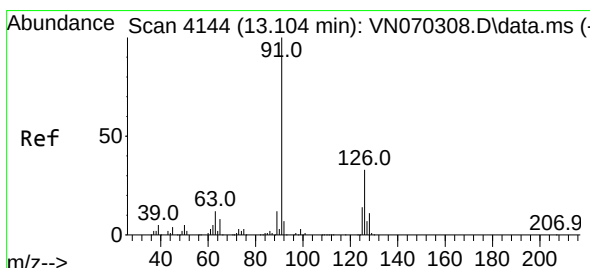
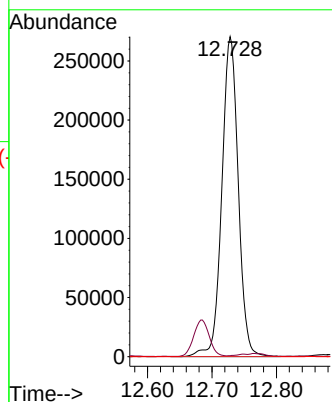
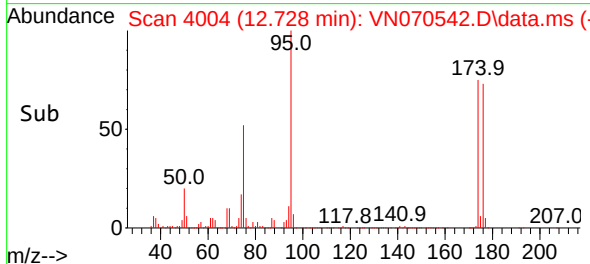


#81
trans-1,4-Dichloro-2-butene
Concen: 96.079 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Instrument :
MSVOA_N
ClientSampleId :

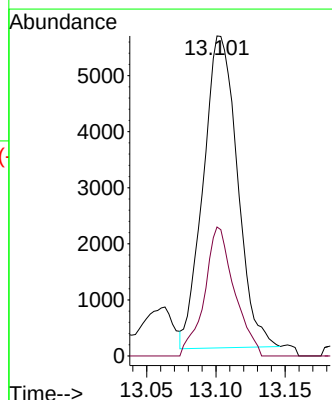
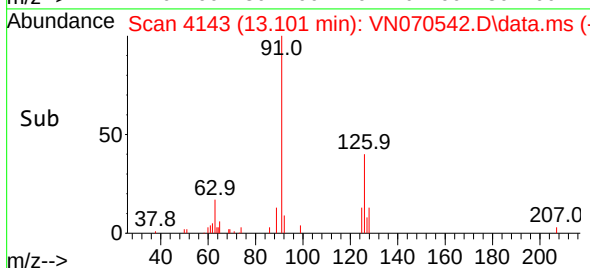
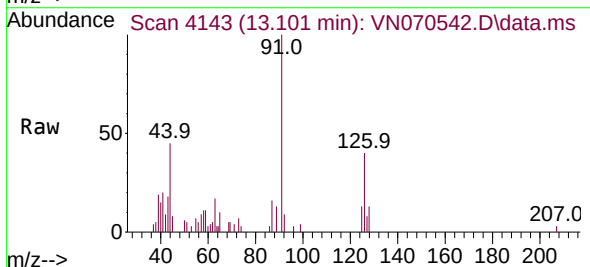


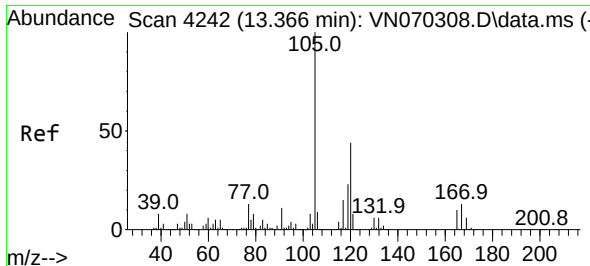
Tgt Ion: 75 Resp: 478326
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.253 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion: 91 Resp: 9532
Ion Ratio Lower Upper
91 100
126 36.1 18.2 54.6

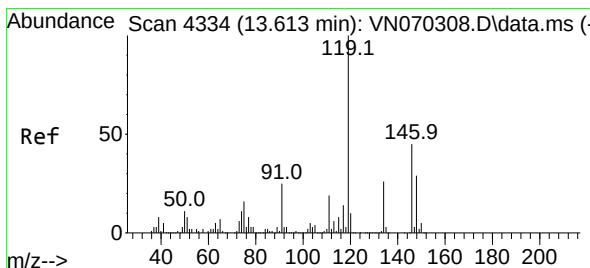
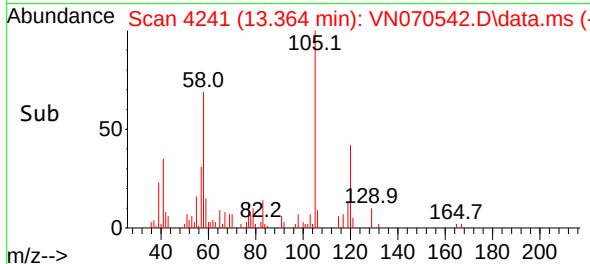
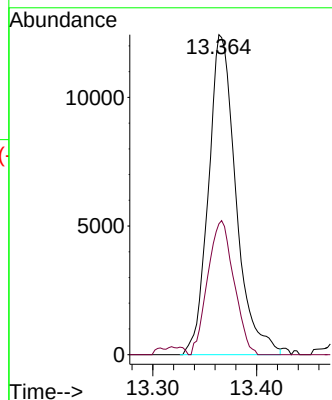
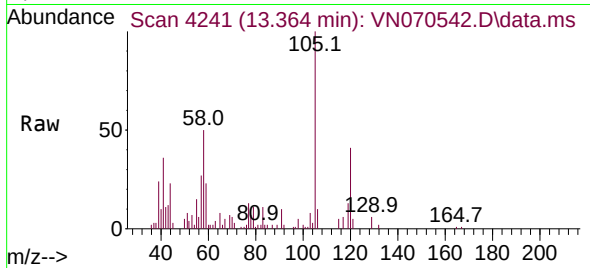




#84
1,2,4-Trimethylbenzene
Concen: 0.526 ug/l
RT: 13.364 min Scan# 4241
Delta R.T. -0.002 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

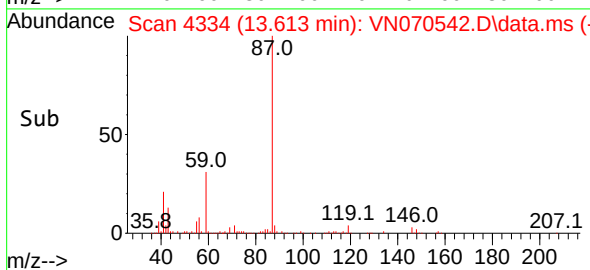
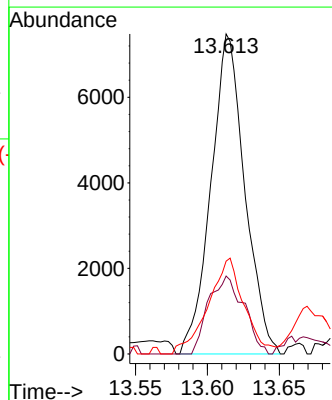
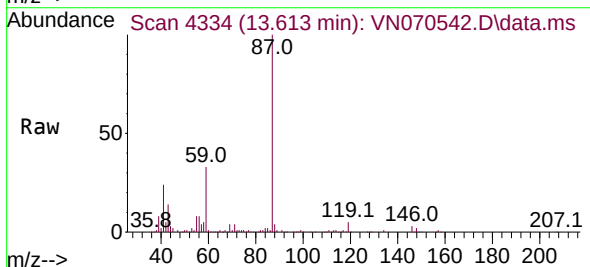
Instrument :
MSVOA_N
ClientSampleId :

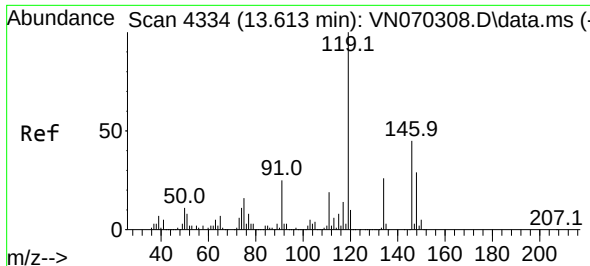
Tgt Ion:105 Resp: 22908
Ion Ratio Lower Upper
105 100
120 39.8 22.8 68.4



#86
p-Isopropyltoluene
Concen: 0.288 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion:119 Resp: 12230
Ion Ratio Lower Upper
119 100
134 25.4 13.6 40.7
91 31.8 11.4 34.1

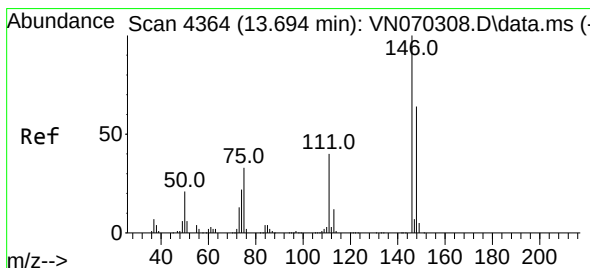
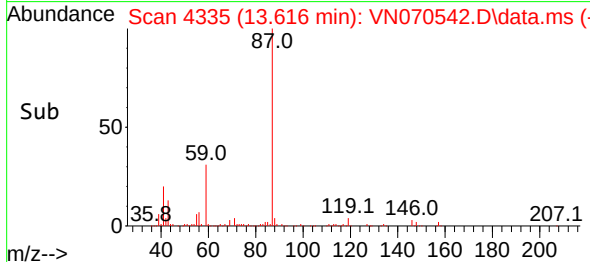
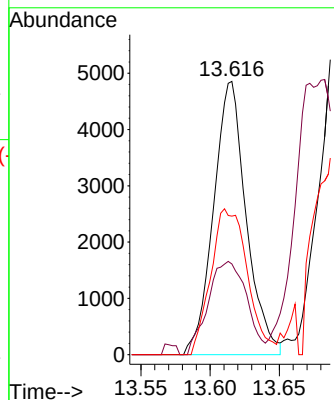
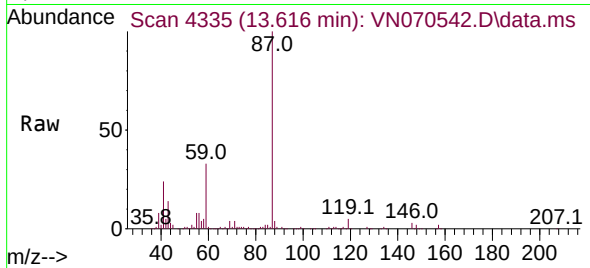




#87
1,3-Dichlorobenzene
Concen: 0.367 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

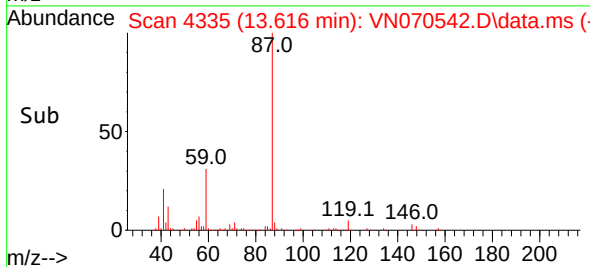
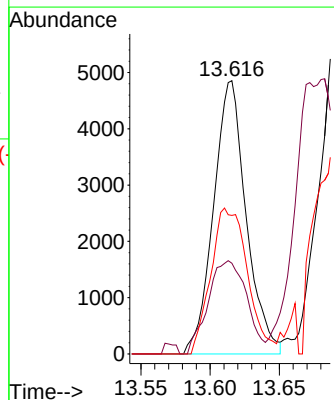
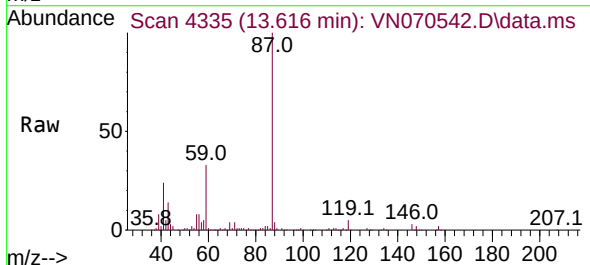
Instrument :
MSVOA_N
ClientSampleId :

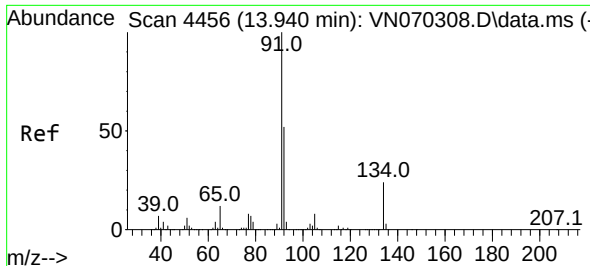
Tgt Ion:146 Resp: 7961
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 60.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.372 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.078 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion:146 Resp: 7961
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 60.1 31.8 95.4

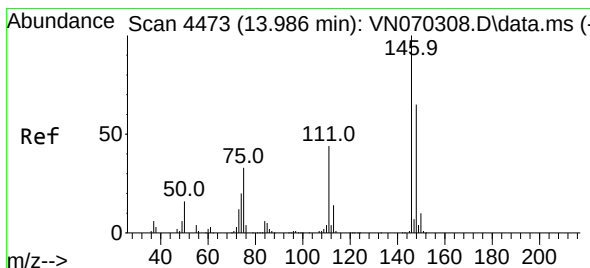
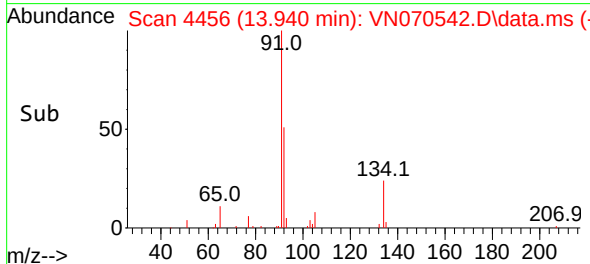
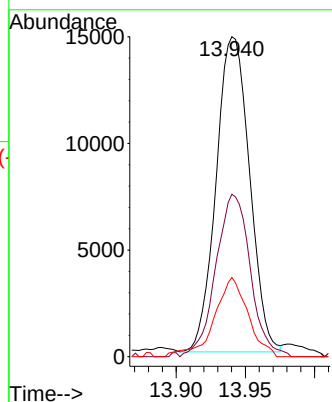
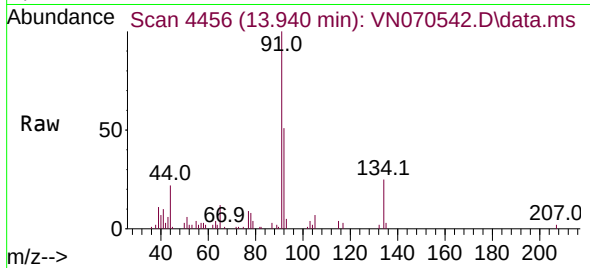




#89
n-Butylbenzene
Concen: 0.700 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

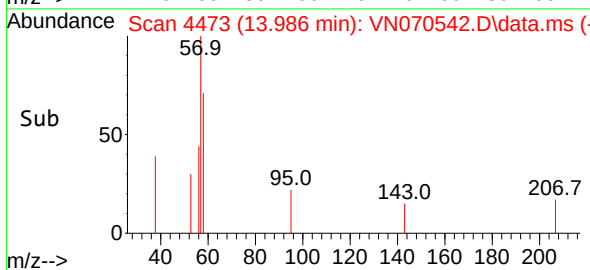
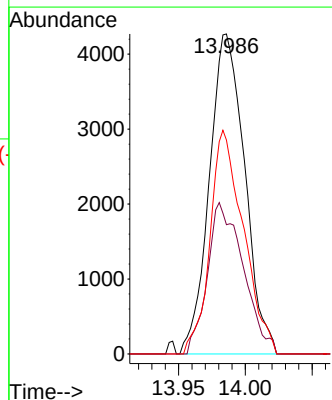
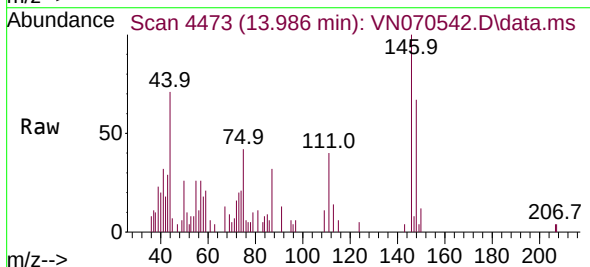
Instrument :
MSVOA_N
ClientSampleId :

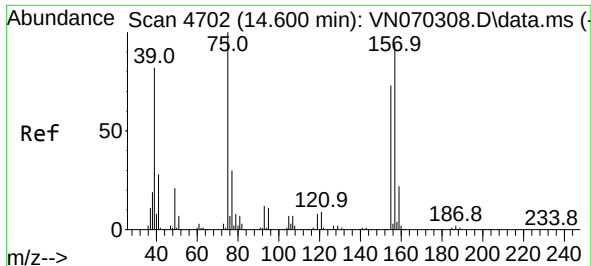
Tgt Ion: 91 Resp: 24820
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 25.2 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.369 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

Tgt Ion:146 Resp: 7863
Ion Ratio Lower Upper
146 100
111 48.0 19.1 57.3
148 66.0 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.693 ug/l

RT: 14.597 min Scan# 4701

Delta R.T. -0.003 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

Instrument :

MSVOA_N

ClientSampleId :

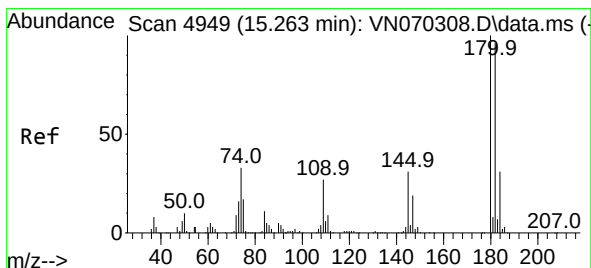
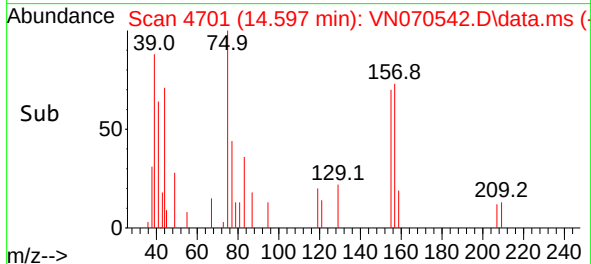
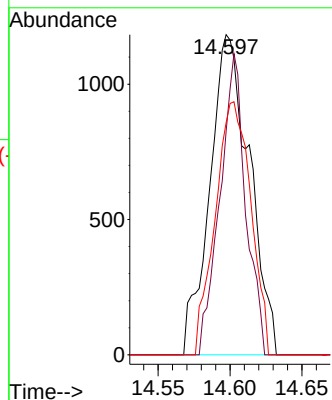
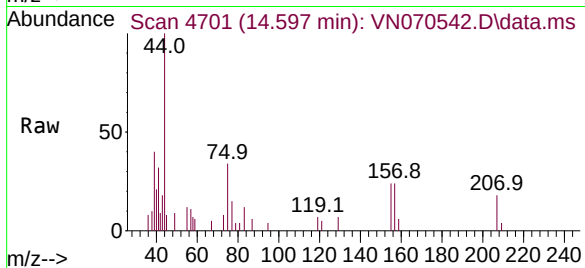
Tgt Ion: 75 Resp: 2266

Ion Ratio Lower Upper

75 100

155 61.2 46.9 140.7

157 71.0 60.6 181.7



#93

1,2,4-Trichlorobenzene

Concen: 1.584 ug/l

RT: 15.262 min Scan# 4949

Delta R.T. -0.001 min

Lab File: VN070542.D

Acq: 10 Jan 2022 14:47

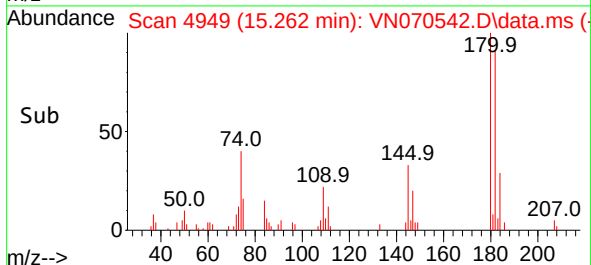
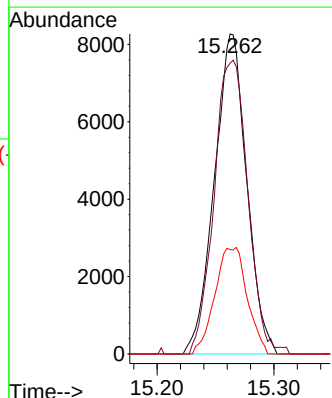
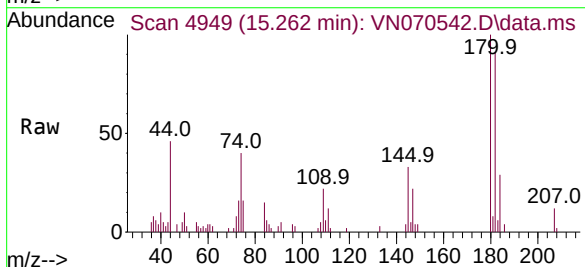
Tgt Ion: 180 Resp: 15879

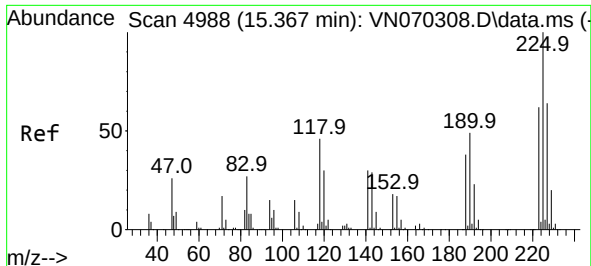
Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.9

145 33.2 14.5 43.5

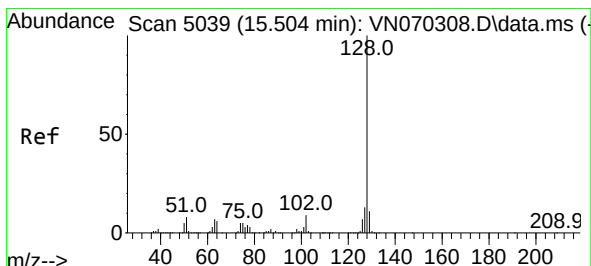
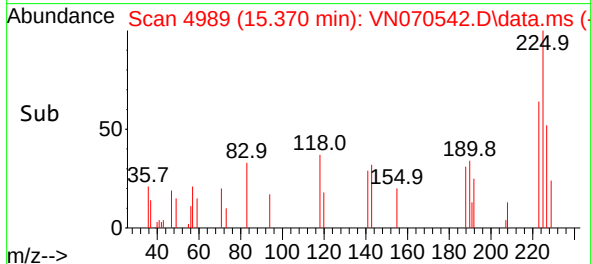
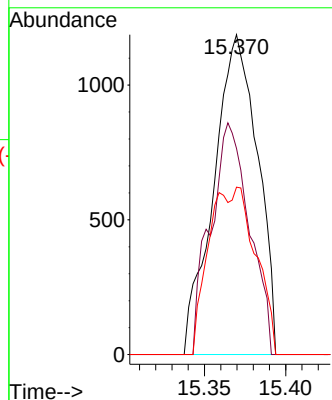
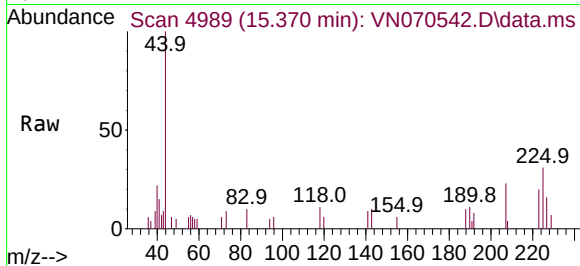




#94
Hexachlorobutadiene
Concen: 0.382 ug/l
RT: 15.370 min Scan# 4988
Delta R.T. 0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

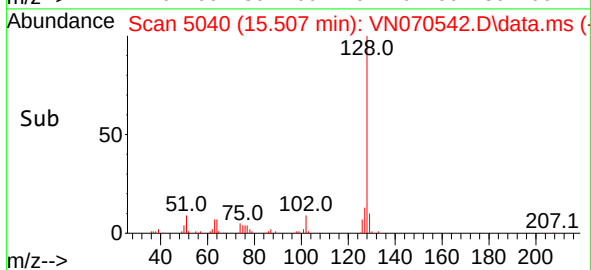
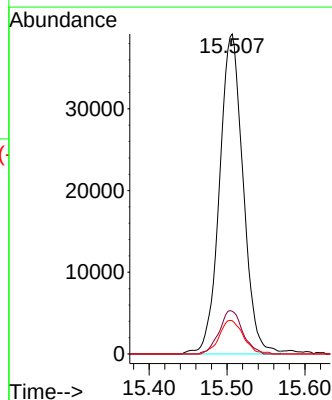
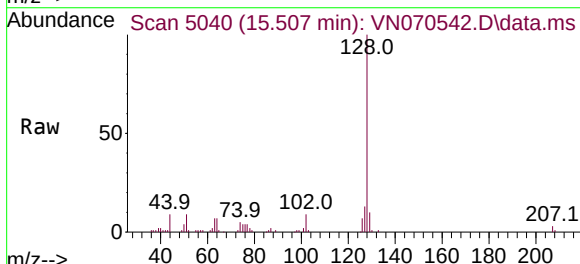
Instrument :
MSVOA_N
ClientSampleId :

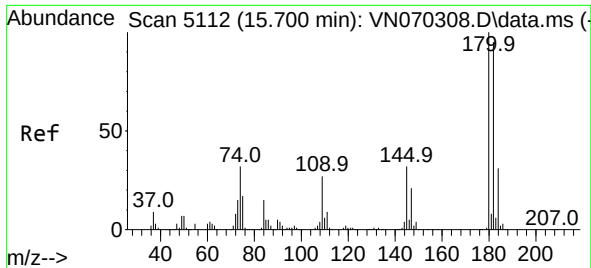
Tgt Ion:225 Resp: 2227
Ion Ratio Lower Upper
225 100
223 64.4 31.9 95.7
227 25.7 32.1 96.3#



#95
Naphthalene
Concen: 4.657 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070542.D
Acq: 10 Jan 2022 14:47

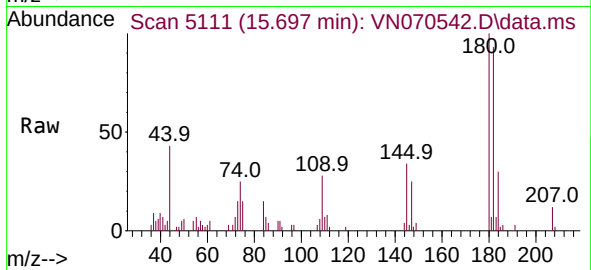
Tgt Ion:128 Resp: 82230
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.696 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VN070542.D
 Acq: 10 Jan 2022 14:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 18235
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.4 142.2
 145 33.2 15.0 45.1

