

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067592.D
 Acq On : 1 Jul 2021 12:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 06:43:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.664	128	74012	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	426707	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	369958	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	189221	31.638	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.467%	
60) 4-Bromofluorobenzene	12.736	95	161605	26.851	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.500%	
63) Toluene-d8	10.443	98	529041	31.252	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.167%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	2676	0.584	ug/l	94
3) Chloromethane	2.301	50	2257	0.409	ug/l	92
4) Vinyl Chloride	2.443	62	2600	0.299	ug/l	89
5) Bromomethane	2.874	94	1931	0.276	ug/l #	58
12) Methyl Acetate	4.862	43	1021	0.221	ug/l #	89
14) Acrylonitrile	5.567	53	457	0.213	ug/l #	1
15) Acetone	4.296	58	899	1.790	ug/l #	20
16) Carbon Disulfide	4.521	76	16497	1.597	ug/l	99
18) Methylene Chloride	5.092	84	986	0.211	ug/l #	56
22) cis-1,2-Dichloroethene	7.324	96	1120	0.212	ug/l #	30
23) tert-Butyl Alcohol	5.353	59	489	0.600	ug/l #	100
29) 1,1-Dichloropropene	8.220	75	3167	0.474	ug/l	63
30) 2-Butanone	7.329	43	1383	0.453	ug/l #	58
35) Methacrylonitrile	7.648	41	1382	0.416	ug/l #	60
37) Trichloroethene	9.217	130	2584	0.501	ug/l #	76
38) Methylcyclohexane	9.456	83	3031	0.408	ug/l #	38
40) Dibromomethane	9.590	93	1401	0.368	ug/l	87
42) Vinyl Acetate	6.444	43	2755	0.206	ug/l	96
45) 1,4-Dioxane	9.574	88	353	3.835	ug/l #	64
47) n-amyl Acetate	12.395	43	14365	1.455	ug/l	98
48) t-1,3-Dichloropropene	10.725	75	2075	0.261	ug/l #	82
50) 1,1,2-Trichloroethane	10.902	97	1271	0.236	ug/l #	88
51) Ethyl methacrylate	10.767	69	2855	0.337	ug/l	91
54) 1,2-Dibromoethane	11.352	107	1256	0.224	ug/l #	76
55) 2-Chloroethyl vinyl ether	10.046	63	2302	1.276	ug/l #	86
58) 4-Methyl-2-Pentanone	10.336	43	14166	2.200	ug/l #	72
59) 2-Hexanone	11.092	43	26042	5.807	ug/l	99
61) Tetrachloroethene	10.979	164	2865	0.629	ug/l	96
64) Chlorobenzene	11.773	112	6697	0.519	ug/l	95
66) Ethyl Benzene	11.851	91	10567	0.441	ug/l	99
67) m/p-Xylenes	11.956	106	8892	0.955	ug/l	86
68) o-Xylene	12.283	106	3349	0.361	ug/l	86
69) Styrene	12.302	104	8082	0.531	ug/l	92
70) Isopropylbenzene	12.581	105	9970	0.420	ug/l	89
71) 1,1,2,2-Tetrachloroethane	12.833	83	4370	0.640	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	6294	1.060	ug/l	70
73) Bromobenzene	12.865	156	3905	0.726	ug/l	82
74) n-propylbenzene	12.924	91	20774	0.775	ug/l	98
75) 2-Chlorotoluene	13.010	91	10286	0.638	ug/l #	100

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 MSVOA_N
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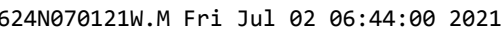
Quant Time: Jul 02 06:43:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
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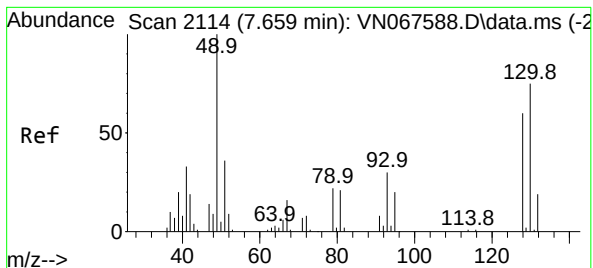
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,3,5-Trimethylbenzene	13.058	105	10933	0.558	ug/l	97
78) 4-Chlorotoluene	13.112	91	17690	1.103	ug/l	100
79) tert-butylbenzene	13.323	119	7522	0.456	ug/l	93
80) 1,2,4-Trimethylbenzene	13.372	105	14594	0.756	ug/l #	65
81) sec-Butylbenzene	13.506	105	16114	0.711	ug/l	97
82) p-Isopropyltoluene	13.618	119	16802	0.904	ug/l	94
83) 1,3-Dichlorobenzene	13.618	146	12990	1.301	ug/l	93
84) 1,4-Dichlorobenzene	13.696	146	15217	1.574	ug/l	92
85) n-Butylbenzene	13.946	91	28060	1.827	ug/l	98
87) 1,2-Dichlorobenzene	13.997	146	12378	1.287	ug/l	90
88) 1,2-Dibromo-3-Chloropr...	14.605	75	3084	2.528	ug/l #	75
89) 1,2,4-Trichlorobenzene	15.268	180	23578	5.692	ug/l	96
90) Hexachlorobutadiene	15.367	225	6346	3.306	ug/l	97
91) Naphthalene	15.509	128	154859	12.133	ug/l	99
92) 1,2,3-Trichlorobenzene	15.705	180	30508	7.722	ug/l	90

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

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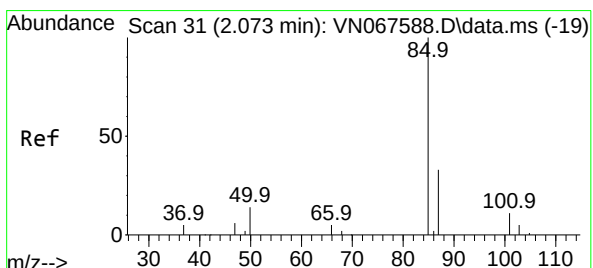
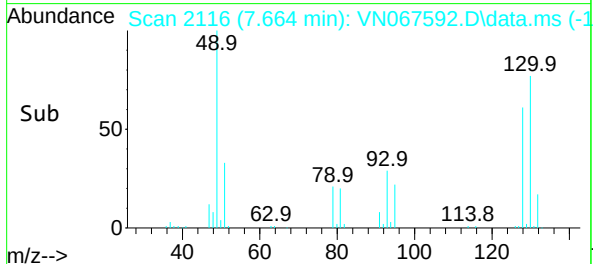
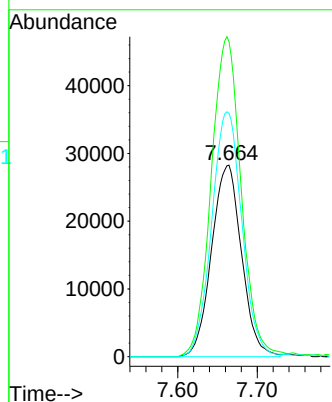
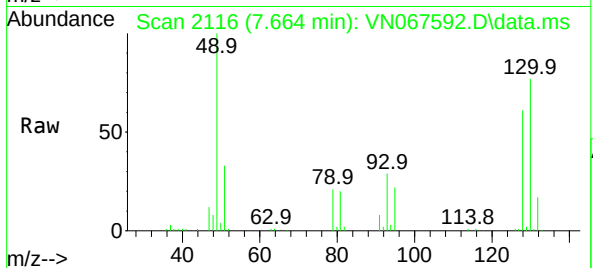


#1

Bromochloromethane
Concen: 30.000 ug/l
RT: 7.664 min Scan# 2116
Delta R.T. 0.005 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Instrument :
MSVOA_N
ClientSampled :

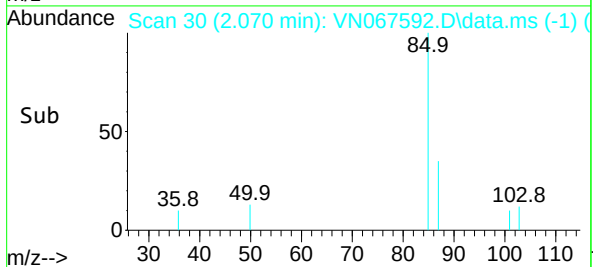
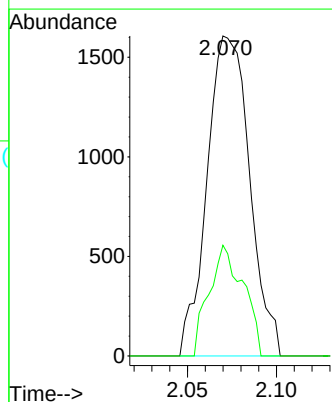
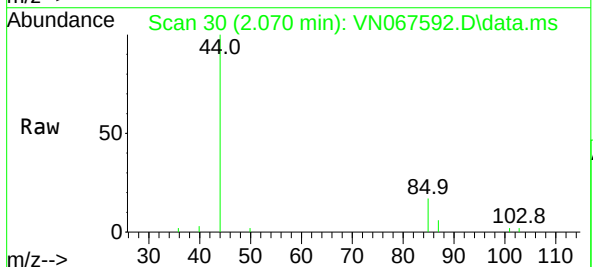
Tgt Ion:128 Resp: 74012
Ion Ratio Lower Upper
128 100
49 166.7 0.0 517.5
130 129.0 0.0 325.8

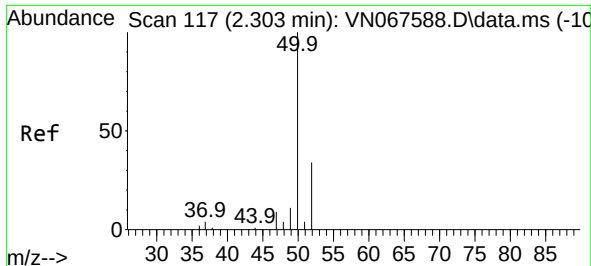


#2

Dichlorodifluoromethane
Concen: 0.584 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 85 Resp: 2676
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.0





#3

Chloromethane

Concen: 0.409 ug/l

RT: 2.301 min Scan# 116

Delta R.T. -0.003 min

Lab File: VN067592.D

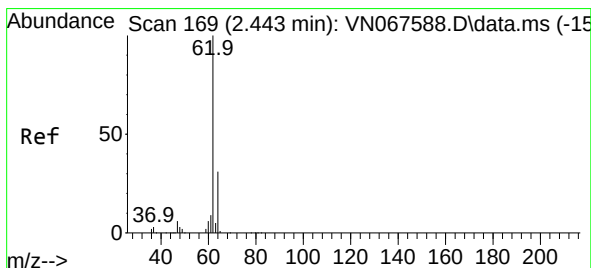
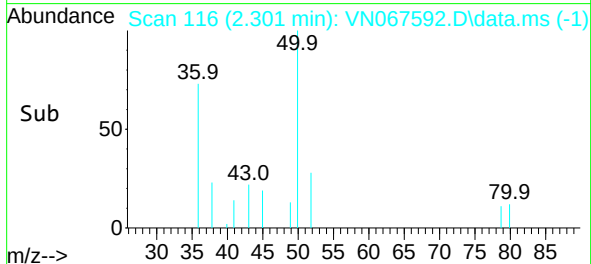
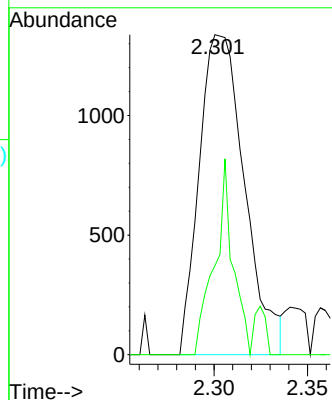
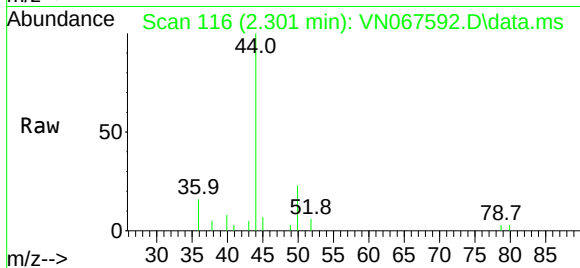
Acq: 1 Jul 2021 12:13

Tgt Ion: 50 Resp: 2257

Ion Ratio Lower Upper

50 100

52 27.8 26.0 39.0



#4

Vinyl Chloride

Concen: 0.299 ug/l

RT: 2.443 min Scan# 169

Delta R.T. -0.000 min

Lab File: VN067592.D

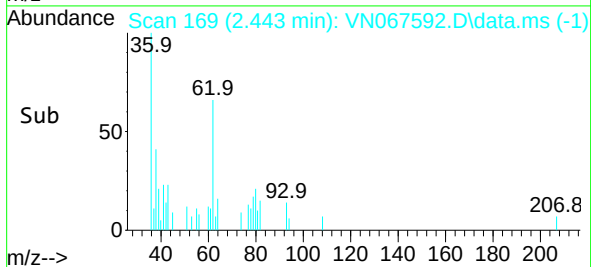
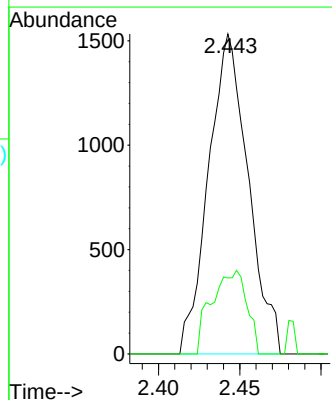
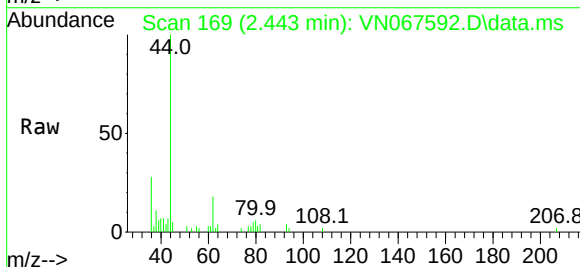
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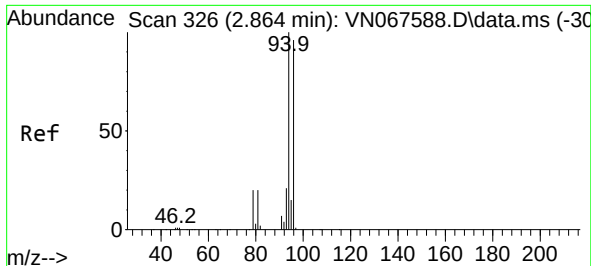
Tgt Ion: 62 Resp: 2600

Ion Ratio Lower Upper

62 100

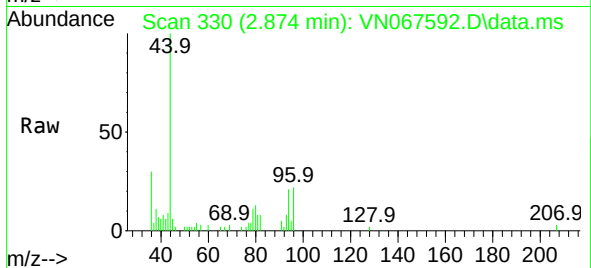
64 23.7 23.7 35.5



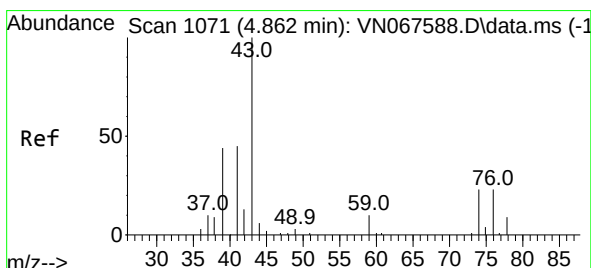
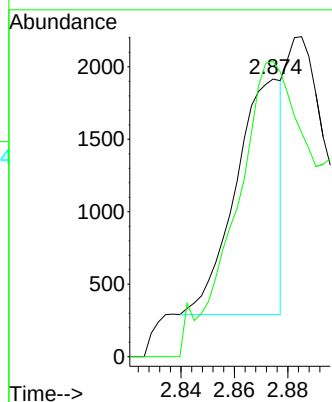
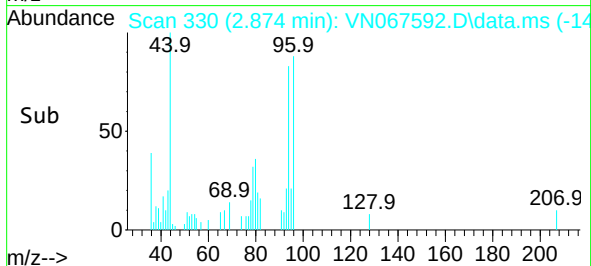


#5
Bromomethane
Concen: 0.276 ug/l
RT: 2.874 min Scan# 330
Delta R.T. 0.011 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

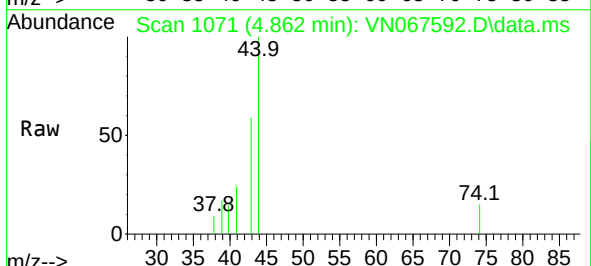
Instrument :
MSVOA_N
ClientSampled :



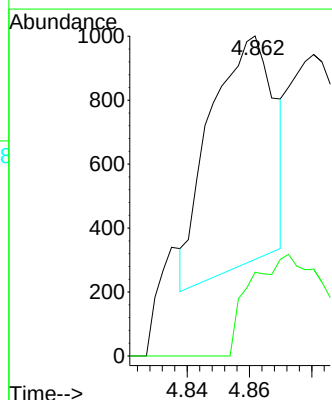
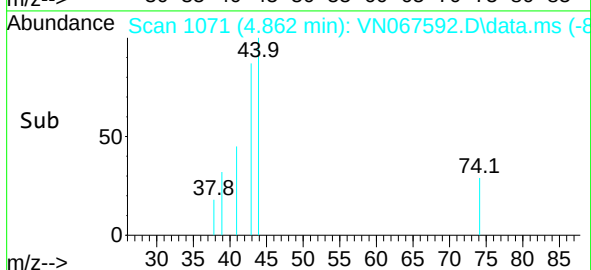
Tgt Ion: 94 Resp: 1931
Ion Ratio Lower Upper
94 100
96 125.4 69.4 104.2#

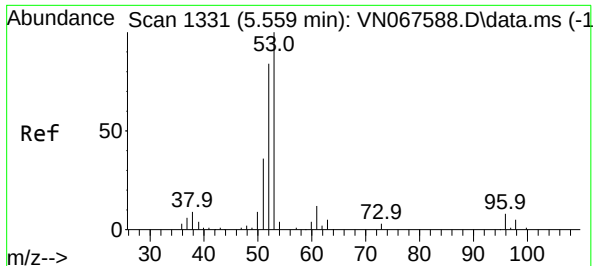


#12
Methyl Acetate
Concen: 0.221 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13



Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
74 25.8 16.6 25.0#





#14

Acrylonitrile

Concen: 0.213 ug/l

RT: 5.567 min Scan# 1334

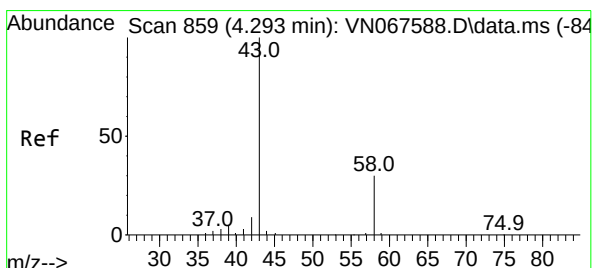
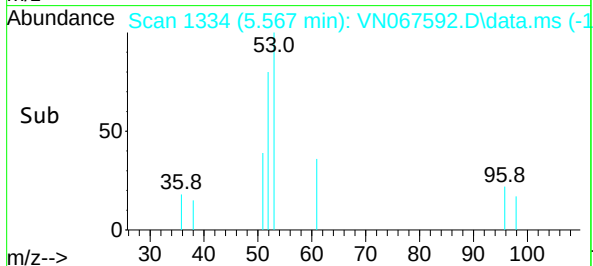
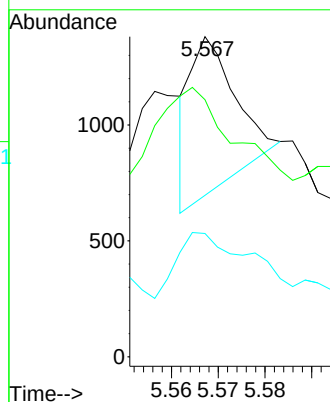
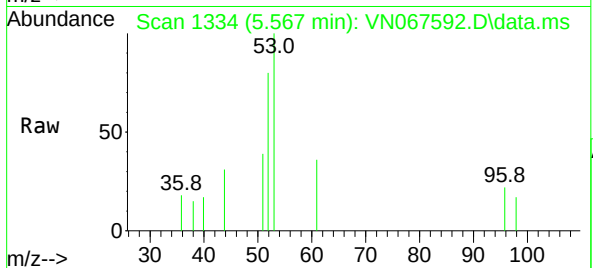
Delta R.T. 0.008 min

Lab File: VN067592.D

Acq: 1 Jul 2021 12:13

Tgt Ion:	53	Resp:	457
Ion	Ratio	Lower	Upper
53	100		
52	373.7	41.8	125.4#
51	51.0	18.1	54.3

Instrument :
MSVOA_N
ClientSampleId :



#15

Acetone

Concen: 1.790 ug/l

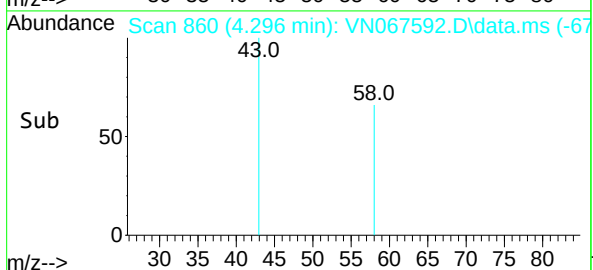
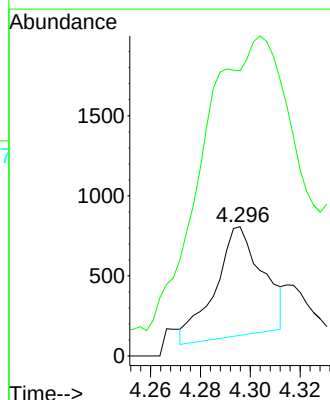
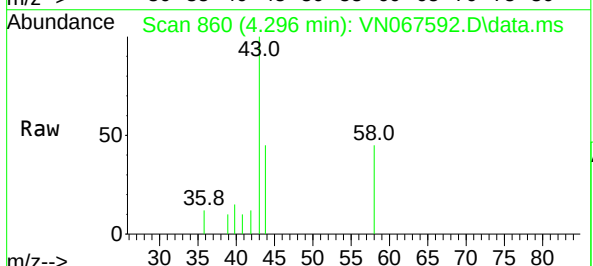
RT: 4.296 min Scan# 860

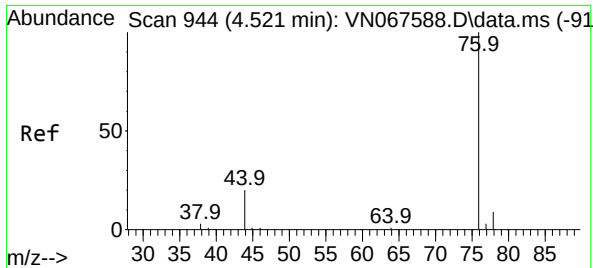
Delta R.T. 0.003 min

Lab File: VN067592.D

Acq: 1 Jul 2021 12:13

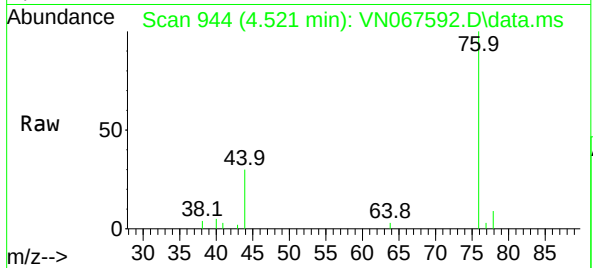
Tgt Ion:	58	Resp:	899
Ion	Ratio	Lower	Upper
58	100		
43	184.7	289.6	434.4#



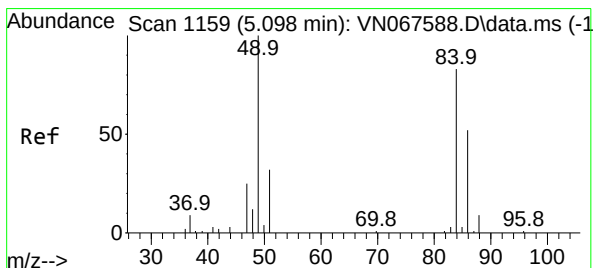
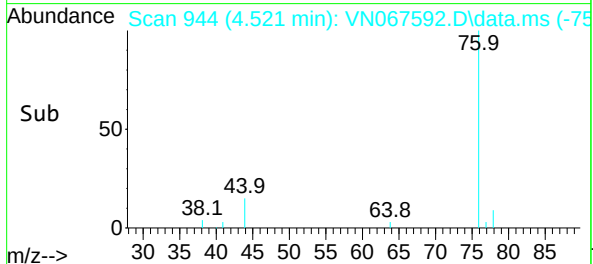
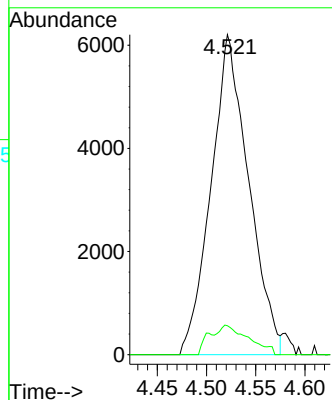


#16
Carbon Disulfide
Concen: 1.597 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

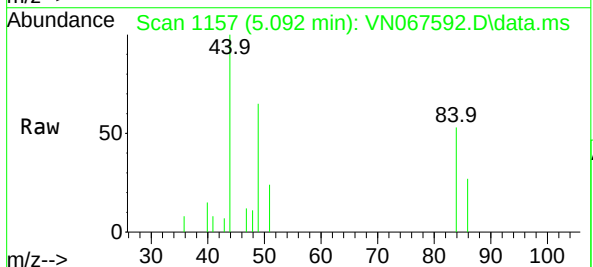
Instrument :
MSVOA_N
ClientSampled :



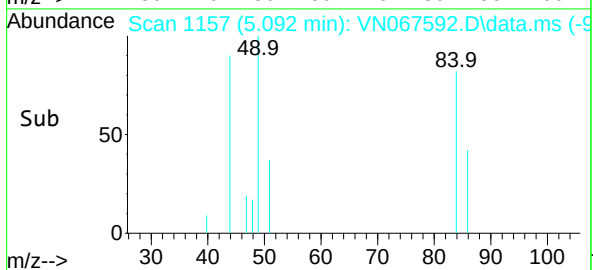
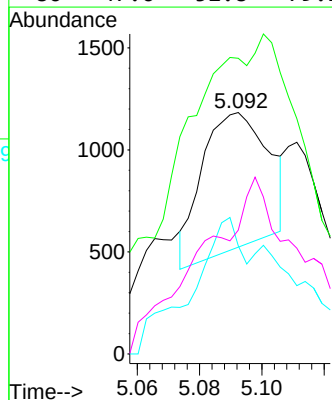
Tgt Ion: 76 Resp: 16497
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

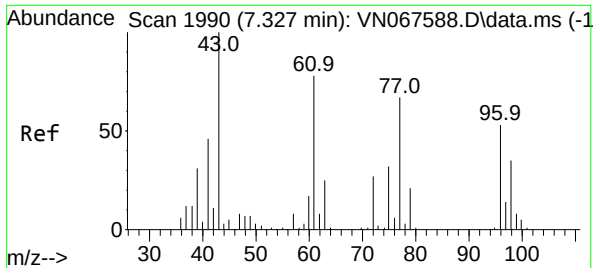


#18
Methylene Chloride
Concen: 0.211 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. -0.005 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13



Tgt Ion: 84 Resp: 986
Ion Ratio Lower Upper
84 100
49 66.0 110.9 166.3#
51 51.9 31.2 46.8#
86 47.6 52.8 79.2#

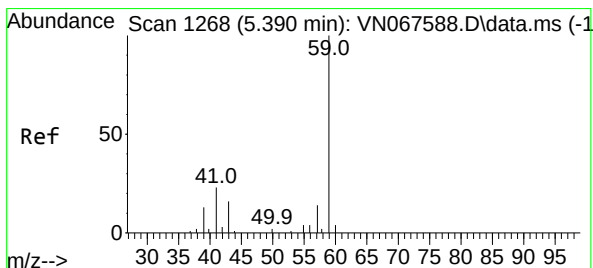
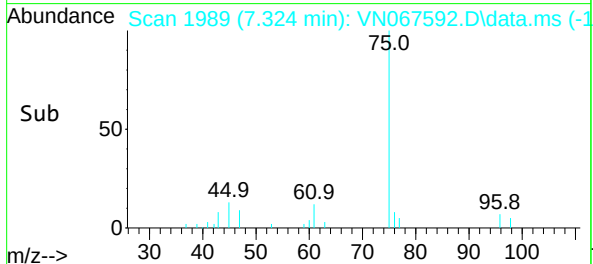
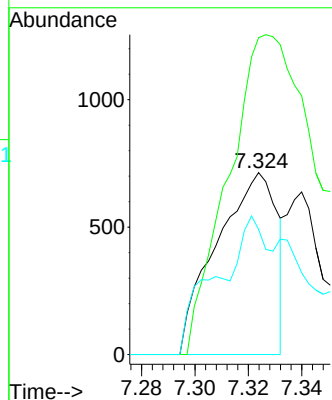
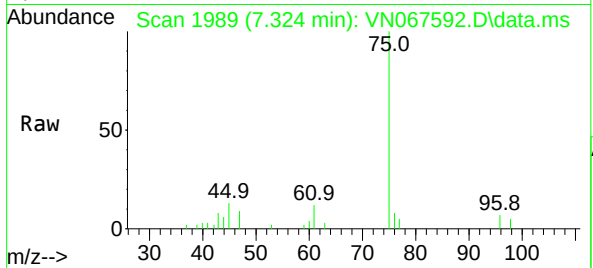




#22
 cis-1,2-Dichloroethene
 Concen: 0.212 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN067592.D
 Acq: 1 Jul 2021 12:13

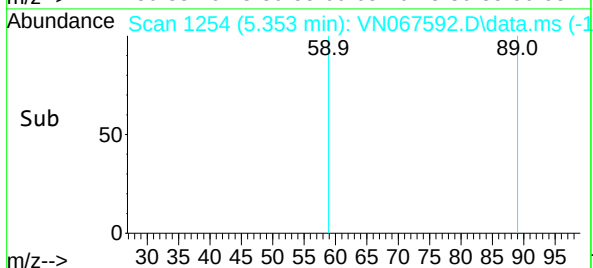
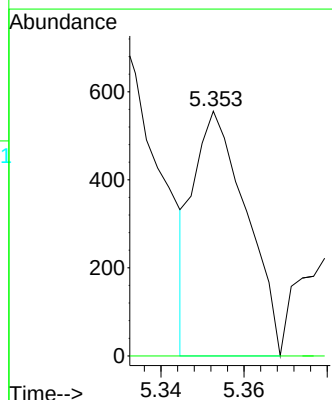
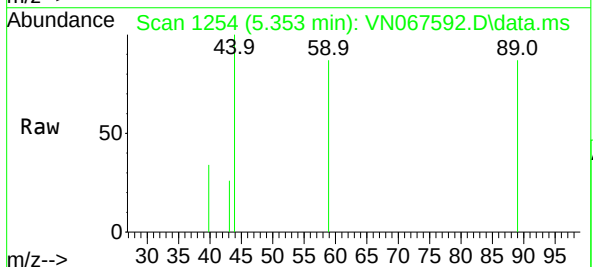
Instrument :
 MSVOA_N
 ClientSampleId :

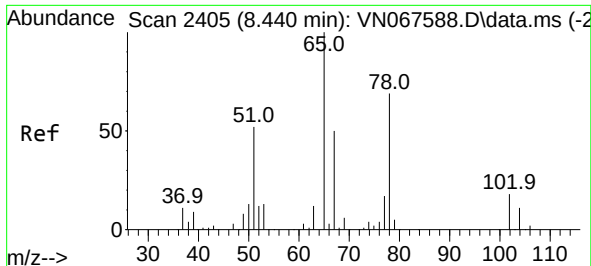
Tgt Ion: 96 Resp: 1120
 Ion Ratio Lower Upper
 96 100
 61 262.7 131.2 196.8#
 98 16.9 50.7 76.1#



#23
 tert-Butyl Alcohol
 Concen: 0.600 ug/l
 RT: 5.353 min Scan# 1254
 Delta R.T. -0.038 min
 Lab File: VN067592.D
 Acq: 1 Jul 2021 12:13

Tgt Ion: 59 Resp: 489
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#



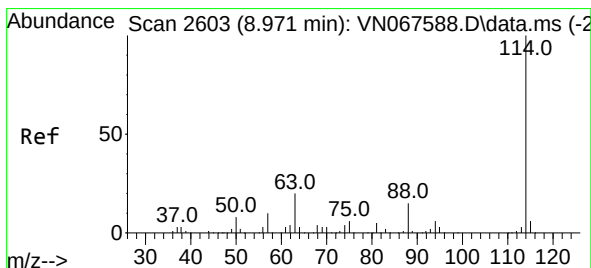
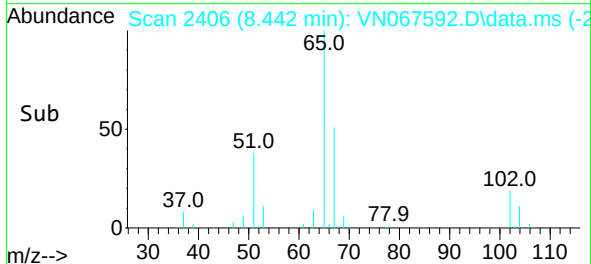
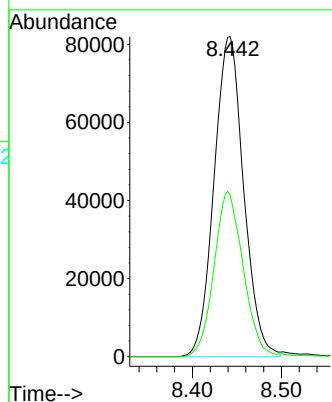
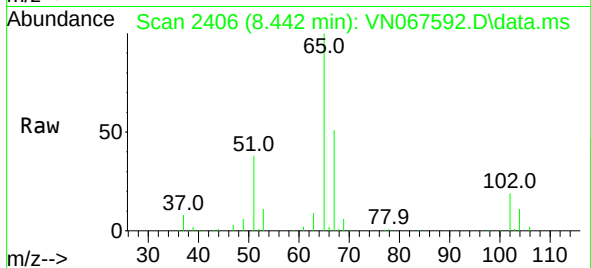


#27

1,2-Dichloroethane-d4
Concen: 31.638 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Instrument :
MSVOA_N
ClientSampled :

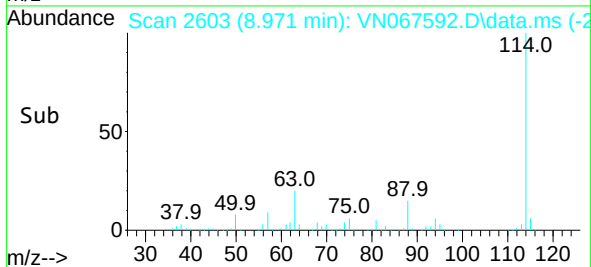
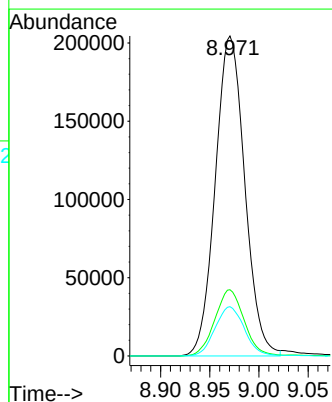
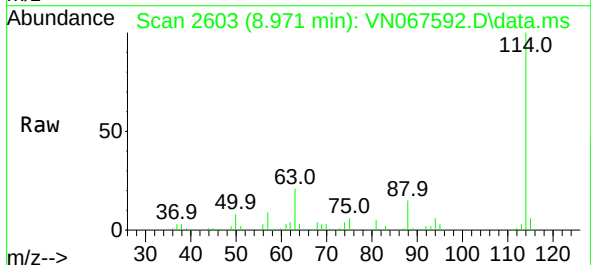
Tgt Ion: 65 Resp: 189221
Ion Ratio Lower Upper
65 100
67 50.6 39.8 59.8

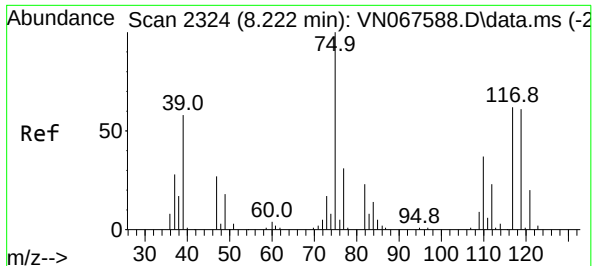


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 114 Resp: 426707
Ion Ratio Lower Upper
114 100
63 20.6 20.3 30.5
88 15.4 14.6 22.0



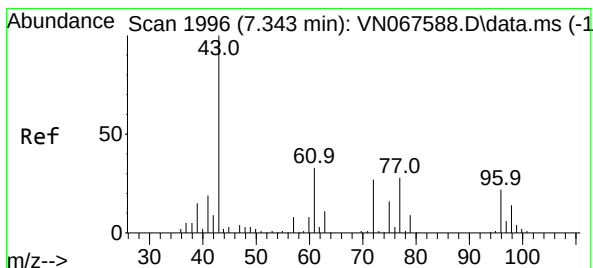
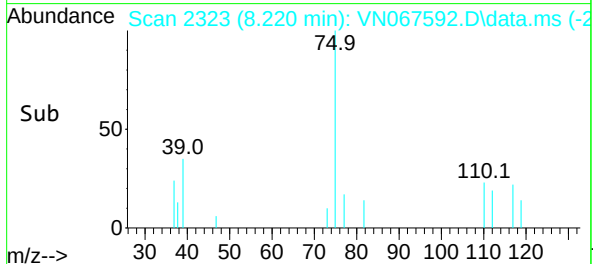
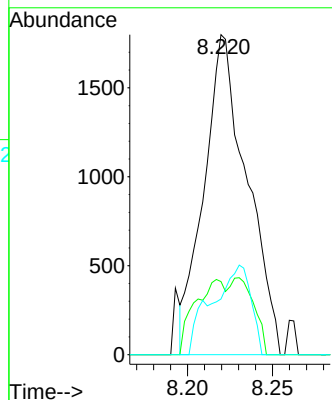
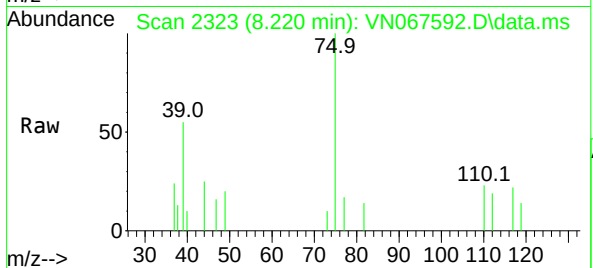


#29

1,1-Dichloropropene
Concen: 0.474 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Instrument :
MSVOA_N
ClientSampled :

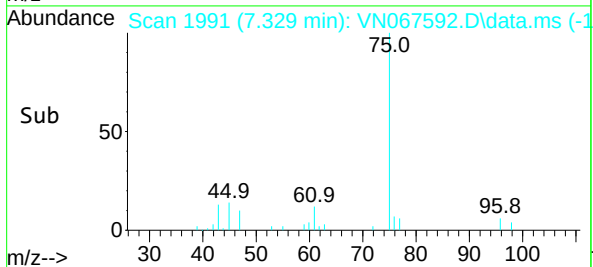
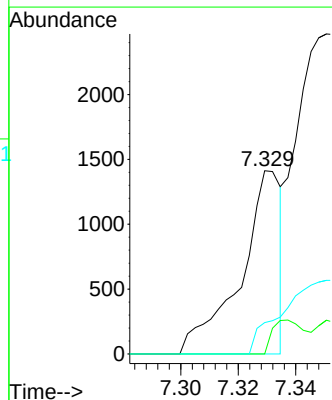
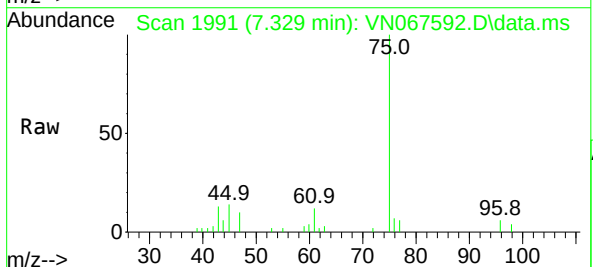
Tgt Ion: 75 Resp: 3167
Ion Ratio Lower Upper
75 100
110 16.6 0.0 63.4
77 5.1 0.0 63.0

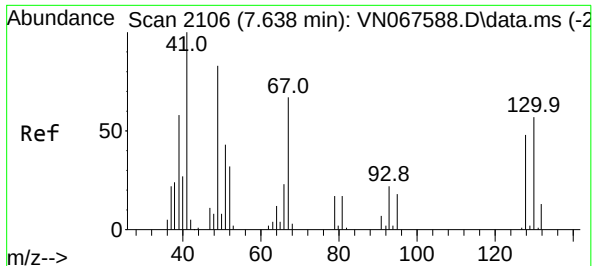


#30

2-Butanone
Concen: 0.453 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.013 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
57 15.1 6.9 10.3#
72 0.0 20.0 30.0#

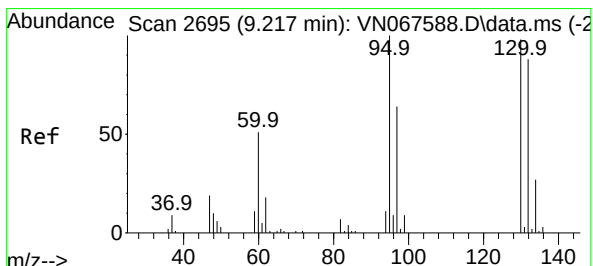
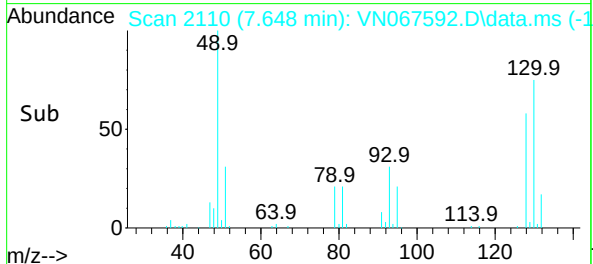
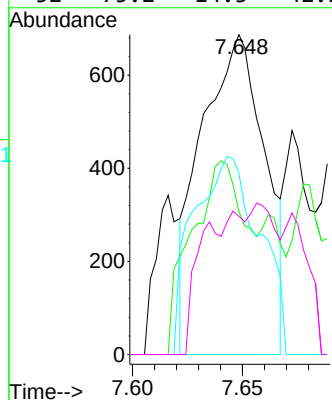
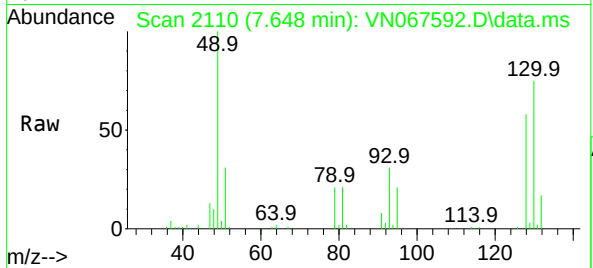




#35
Methacrylonitrile
Concen: 0.416 ug/l
RT: 7.648 min Scan# 2110
Delta R.T. 0.011 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

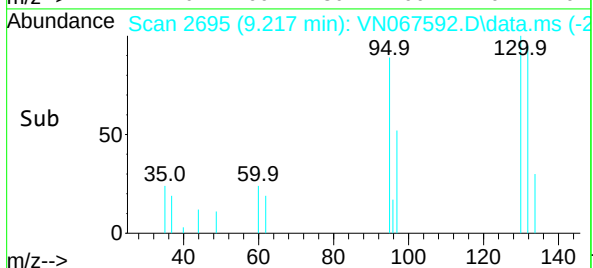
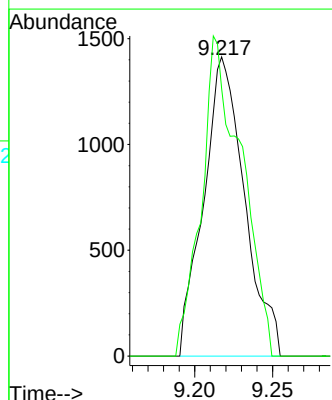
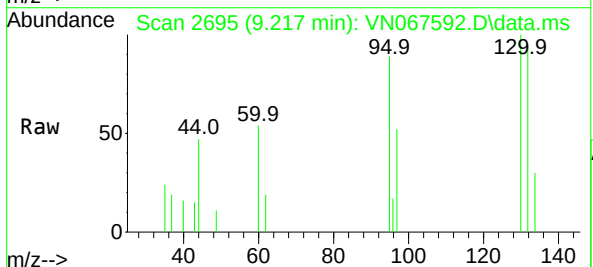
Instrument :
MSVOA_N
ClientSampled :

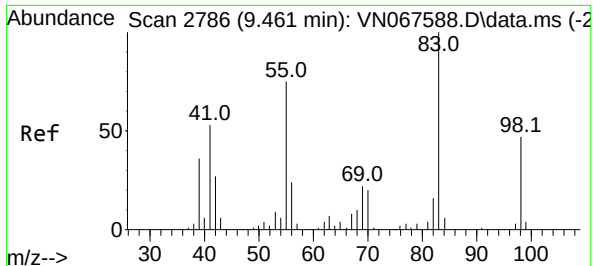
Tgt Ion: 41 Resp: 1382
Ion Ratio Lower Upper
41 100
39 24.6 30.3 90.9#
67 55.7 32.1 96.3
52 75.2 14.3 42.9#



#37
Trichloroethene
Concen: 0.501 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 130 Resp: 2584
Ion Ratio Lower Upper
130 100
95 89.4 92.2 138.2#





#38

Methylcyclohexane

Concen: 0.408 ug/l

RT: 9.456 min Scan# 2784

Delta R.T. -0.005 min

Lab File: VN067592.D

Acq: 1 Jul 2021 12:13

Tgt Ion: 83 Resp: 3031

Ion Ratio Lower Upper

83 100

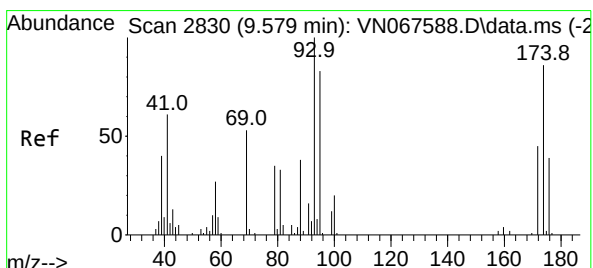
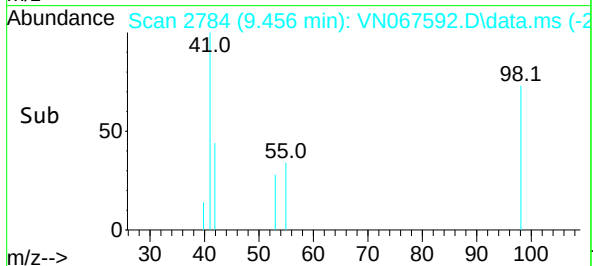
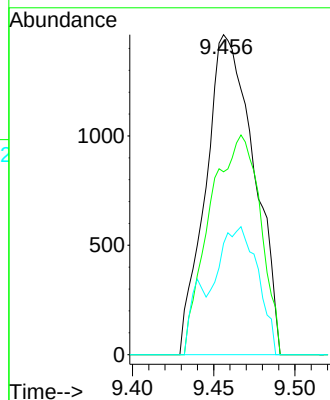
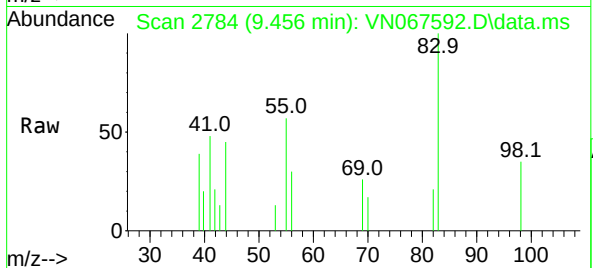
55 26.4 41.5 124.6#

98 5.9 22.4 67.0#

Instrument :

MSVOA_N

ClientSampleId :



#40

Dibromomethane

Concen: 0.368 ug/l

RT: 9.590 min Scan# 2834

Delta R.T. 0.011 min

Lab File: VN067592.D

Acq: 1 Jul 2021 12:13

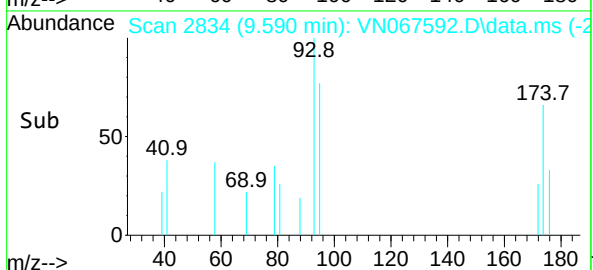
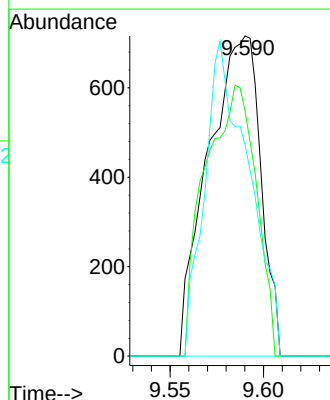
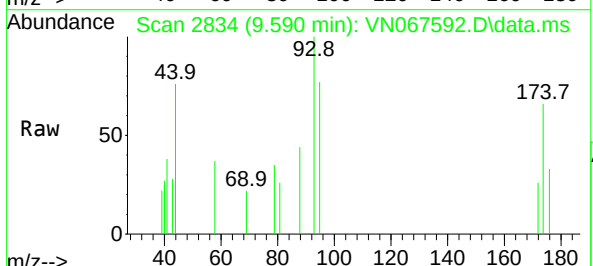
Tgt Ion: 93 Resp: 1401

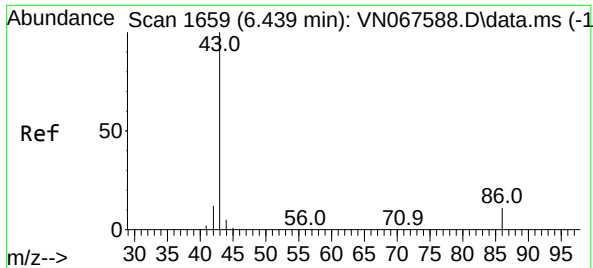
Ion Ratio Lower Upper

93 100

95 82.0 0.0 167.6

174 52.5 0.0 148.4

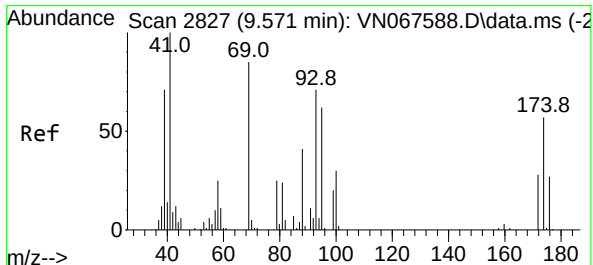
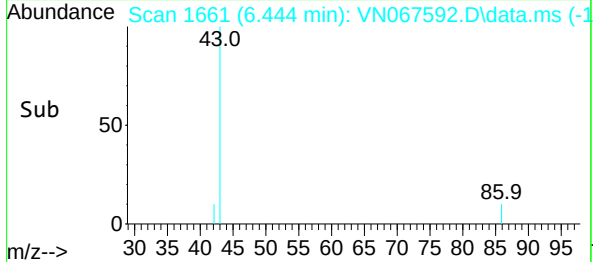
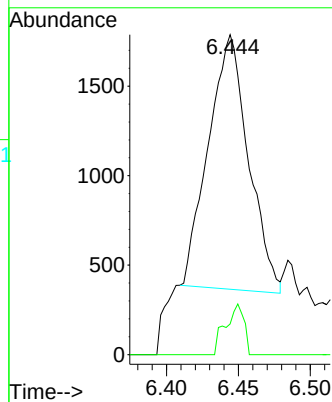
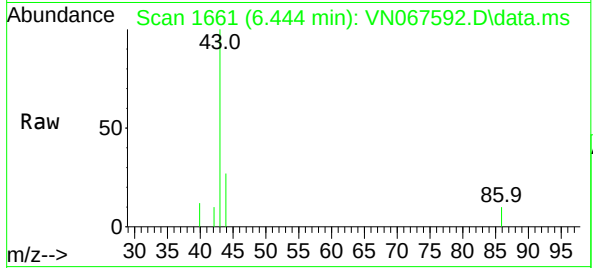




#42
 Vinyl Acetate
 Concen: 0.206 ug/l
 RT: 6.444 min Scan# 1661
 Delta R.T. 0.005 min
 Lab File: VN067592.D
 Acq: 1 Jul 2021 12:13

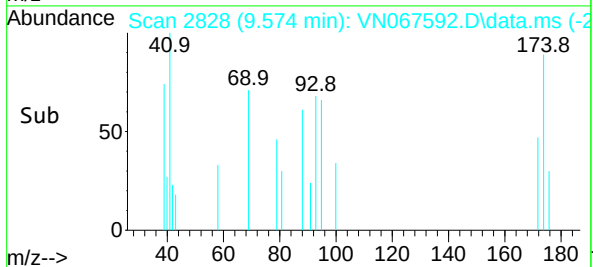
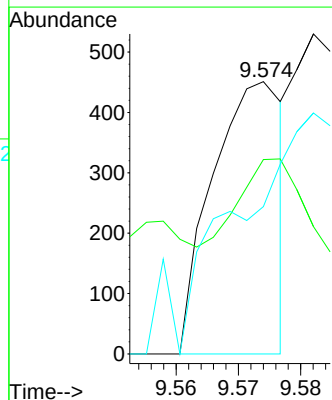
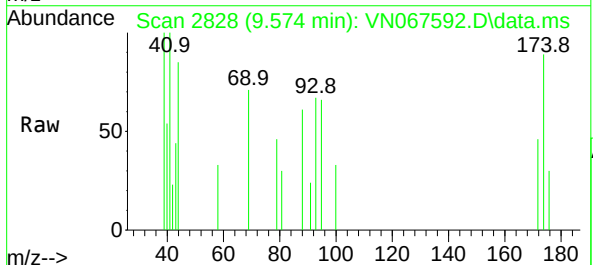
Instrument :
 MSVOA_N
 ClientSampled :

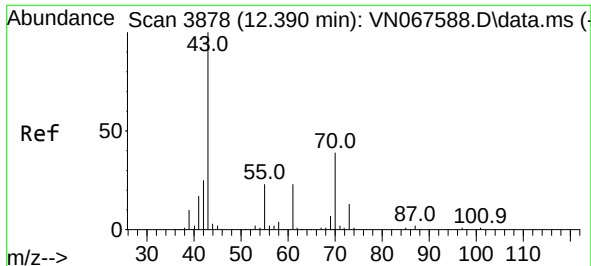
Tgt Ion: 43 Resp: 2755
 Ion Ratio Lower Upper
 43 100
 86 6.4 6.4 9.6



#45
 1,4-Dioxane
 Concen: 3.835 ug/l
 RT: 9.574 min Scan# 2828
 Delta R.T. 0.003 min
 Lab File: VN067592.D
 Acq: 1 Jul 2021 12:13

Tgt Ion: 88 Resp: 353
 Ion Ratio Lower Upper
 88 100
 43 32.9 18.0 27.0#
 58 38.8 57.7 86.5#

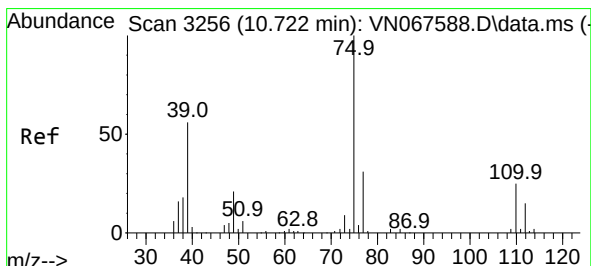
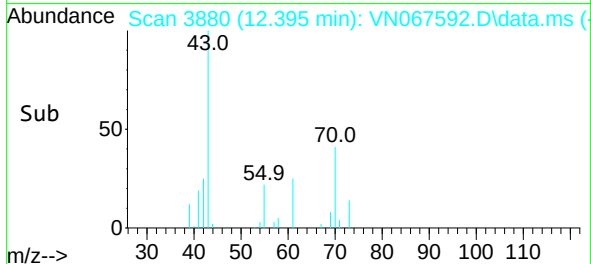
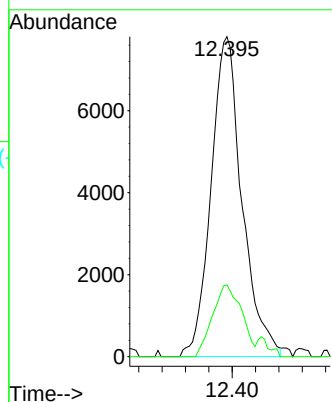
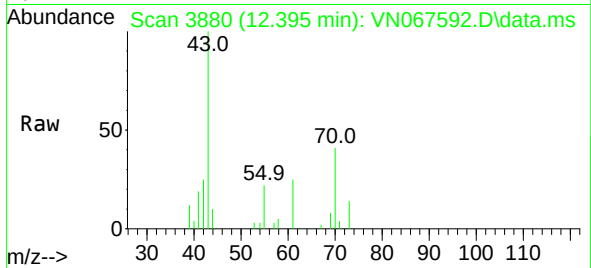




#47
n-amy1 Acetate
Concen: 1.455 ug/l
RT: 12.395 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

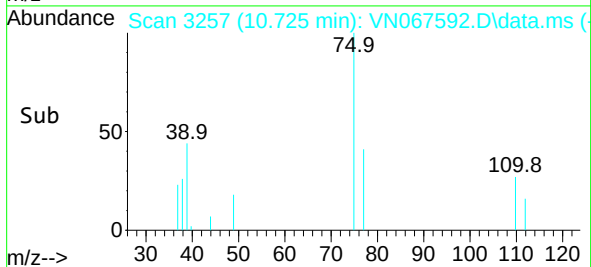
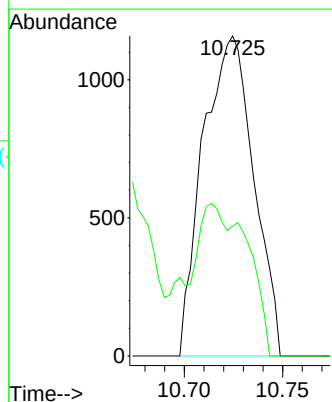
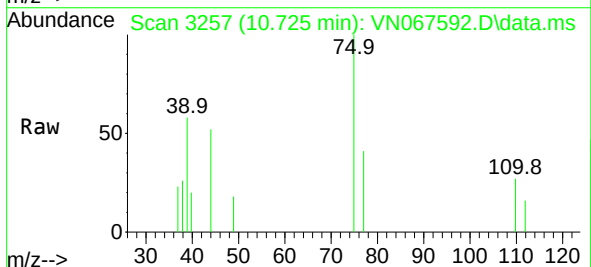
Instrument :
MSVOA_N
ClientSampled :

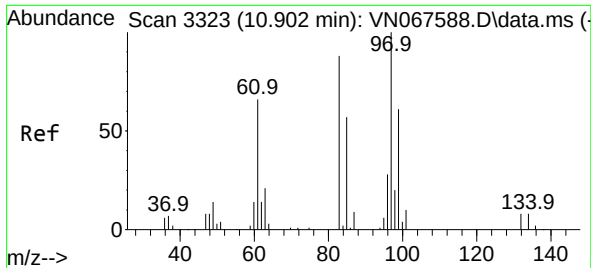
Tgt Ion: 43 Resp: 14365
Ion Ratio Lower Upper
43 100
55 21.1 17.6 26.4



#48
t-1,3-Dichloropropene
Concen: 0.261 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

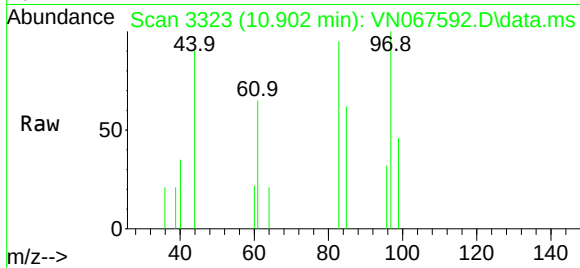
Tgt Ion: 75 Resp: 2075
Ion Ratio Lower Upper
75 100
77 40.6 24.6 37.0#



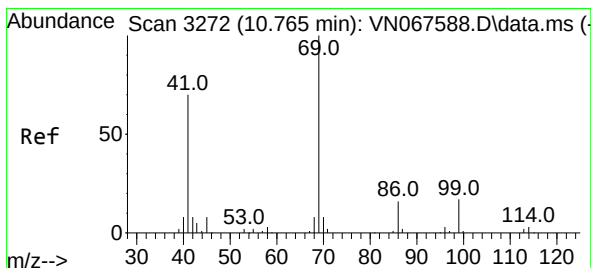
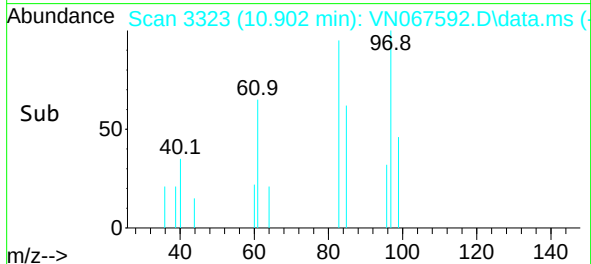
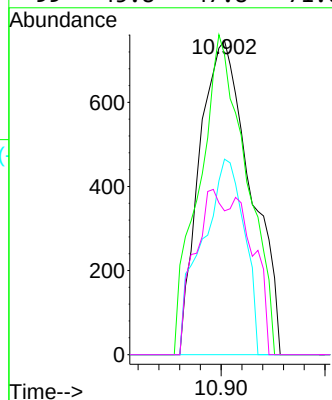


#50
1,1,2-Trichloroethane
Concen: 0.236 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

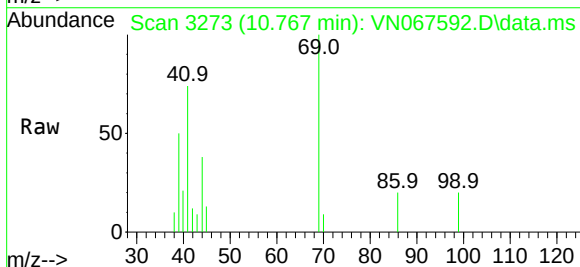
Instrument :
MSVOA_N
ClientSampleId :



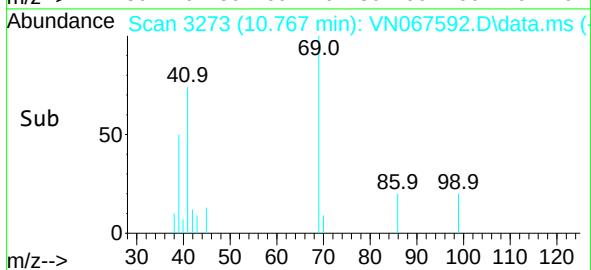
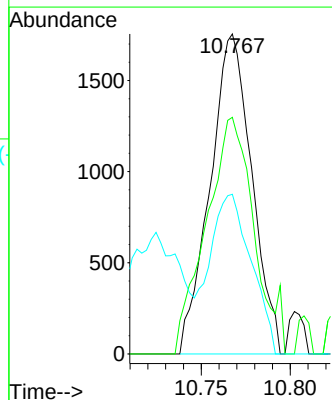
Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.4	69.6	104.4
85	62.2	45.2	67.8
99	45.8	47.8	71.6

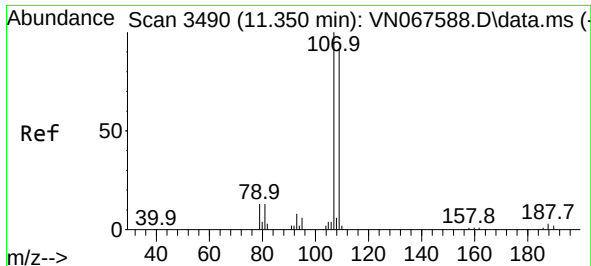


#51
Ethyl methacrylate
Concen: 0.337 ug/l
RT: 10.767 min Scan# 3273
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13



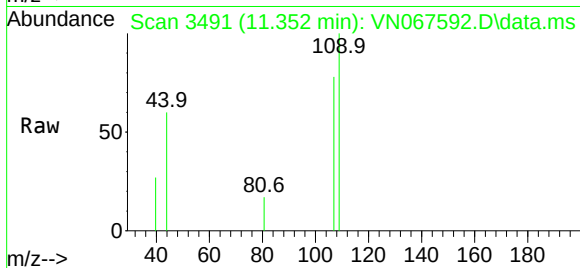
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	36.8	110.4
39	49.9	23.8	71.2



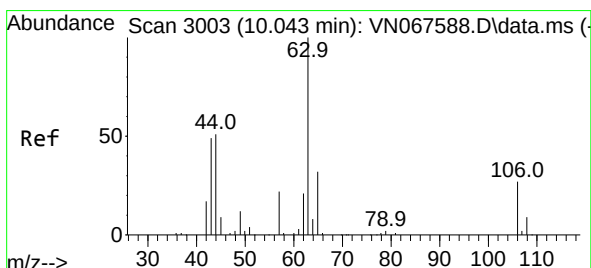
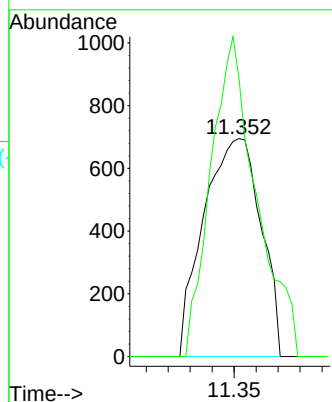
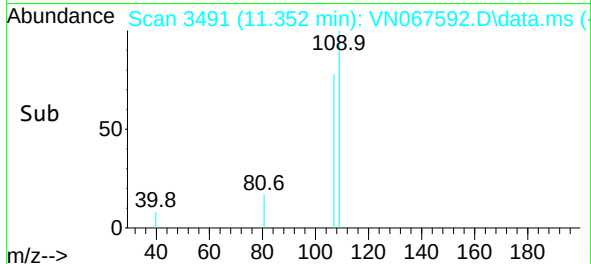


#54
1,2-Dibromoethane
Concen: 0.224 ug/l
RT: 11.352 min Scan# 3491
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

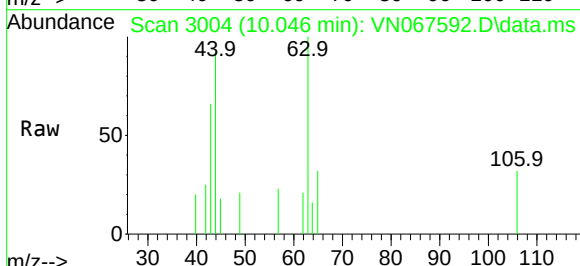
Instrument :
MSVOA_N
ClientSampled :



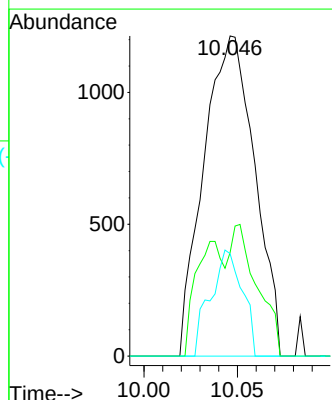
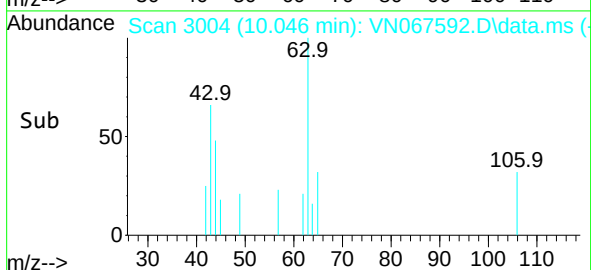
Tgt Ion:107 Resp: 1256
Ion Ratio Lower Upper
107 100
109 116.8 75.0 112.6#

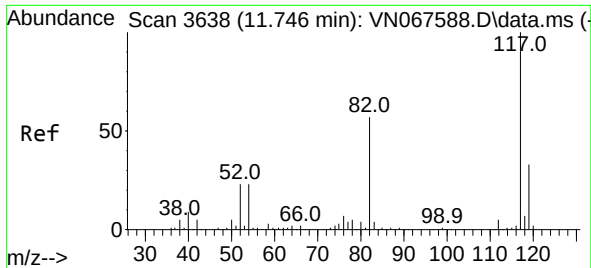


#55
2-Chloroethyl vinyl ether
Concen: 1.276 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13



Tgt Ion: 63 Resp: 2302
Ion Ratio Lower Upper
63 100
65 22.2 25.6 38.4#
106 20.7 20.0 30.0

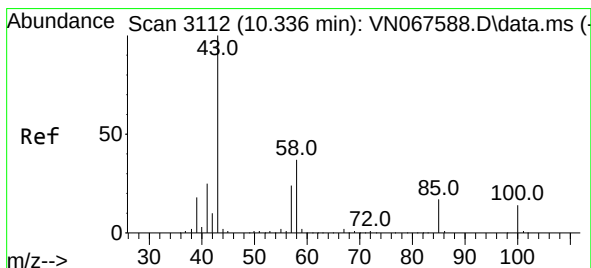
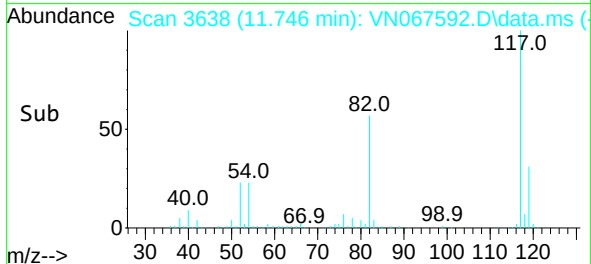
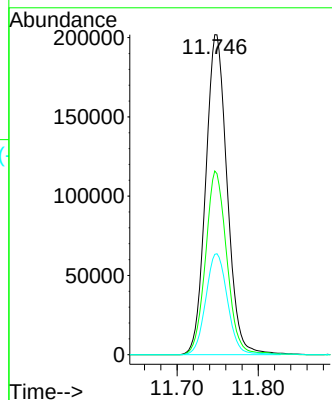
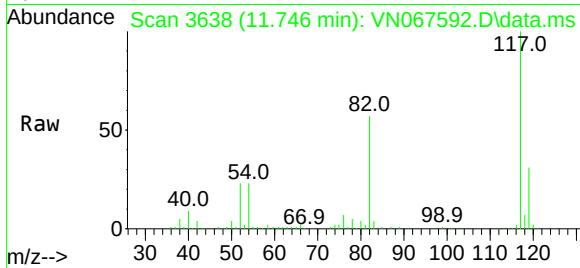




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

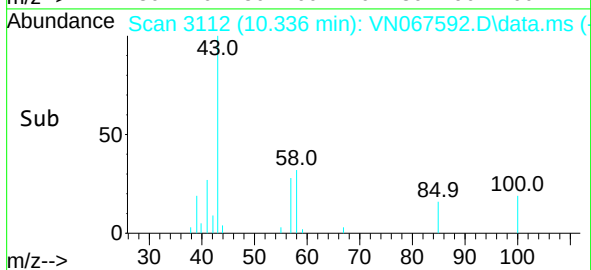
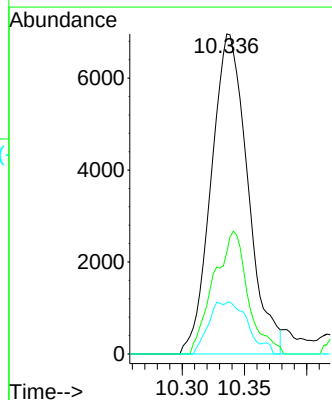
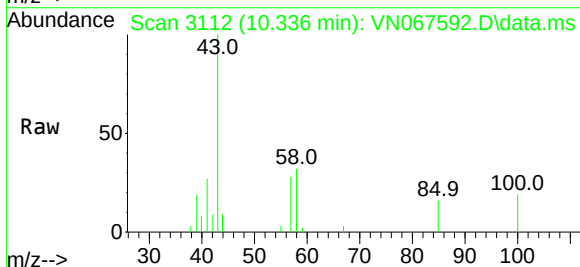
Instrument :
MSVOA_N
ClientSampled :

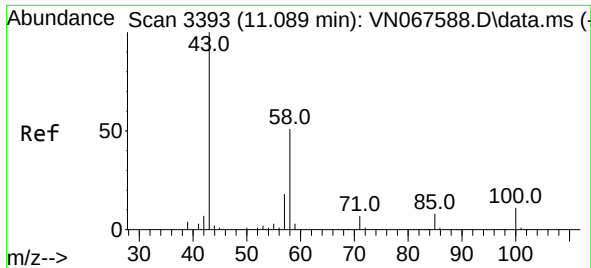
Tgt Ion:117 Resp: 369958
Ion Ratio Lower Upper
117 100
82 56.6 52.5 78.7
119 32.0 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 2.200 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 43 Resp: 14166
Ion Ratio Lower Upper
43 100
58 22.7 29.0 43.4#
85 0.0 13.2 19.8#

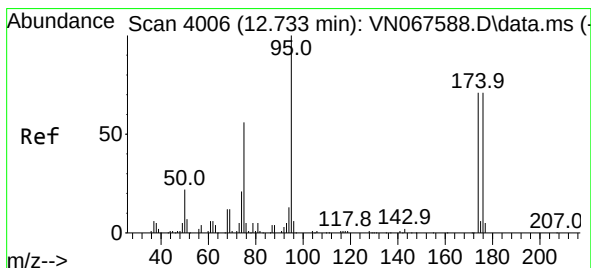
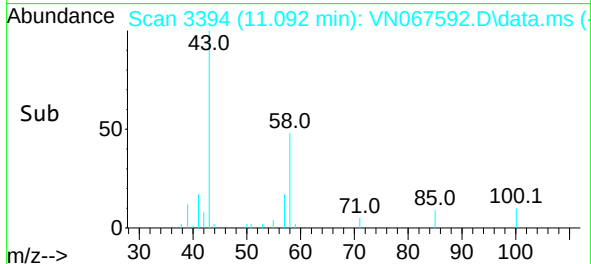
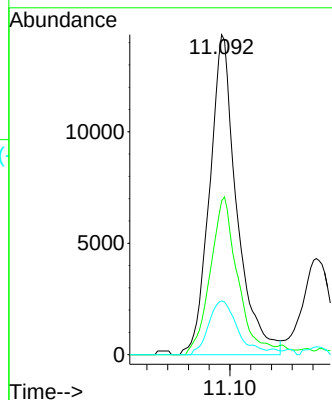
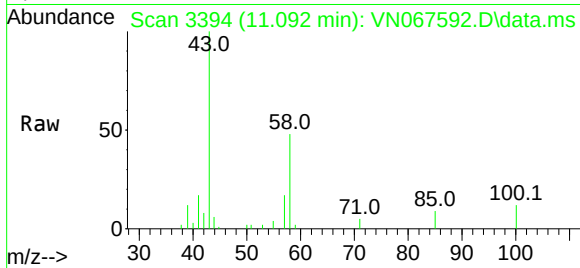




#59
2-Hexanone
Concen: 5.807 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

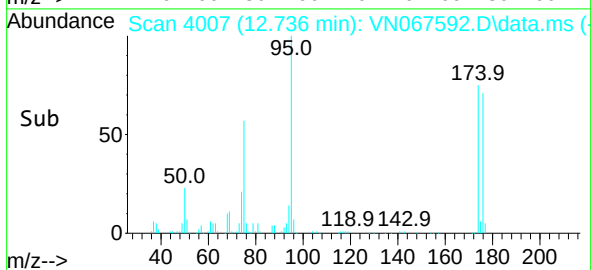
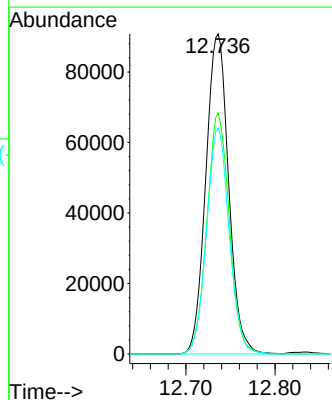
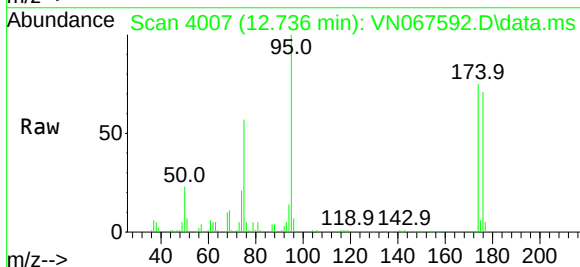
Instrument :
MSVOA_N
ClientSampled :

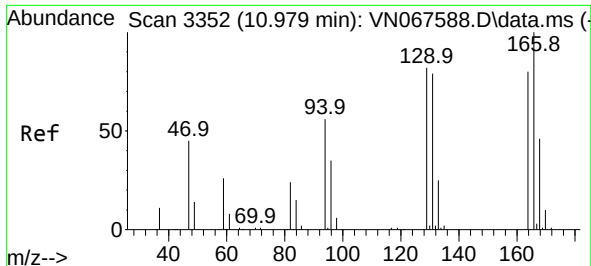
Tgt Ion:	43	Resp:	26042
Ion	Ratio	Lower	Upper
43	100		
58	48.7	39.4	59.0
57	16.7	14.4	21.6



#60
4-Bromofluorobenzene
Concen: 26.851 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion:	95	Resp:	161605
Ion	Ratio	Lower	Upper
95	100		
174	73.8	47.7	71.5#
176	70.2	45.7	68.5#

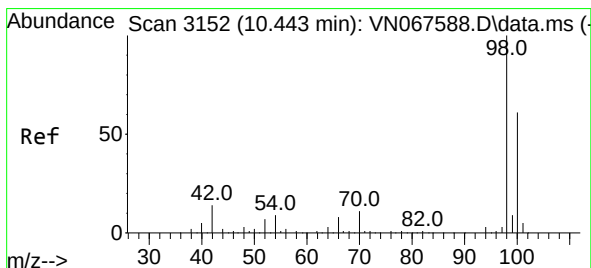
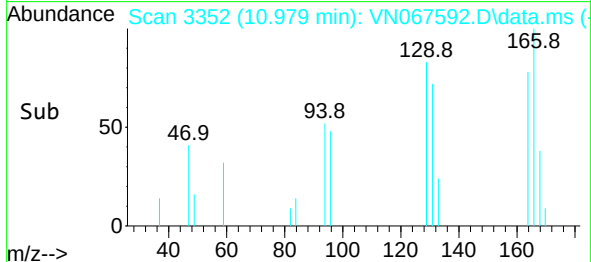
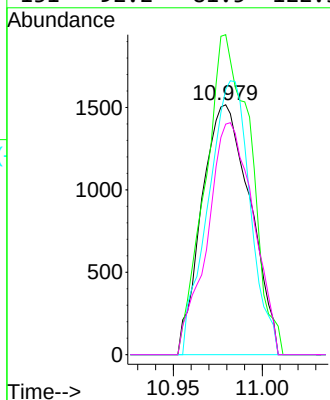
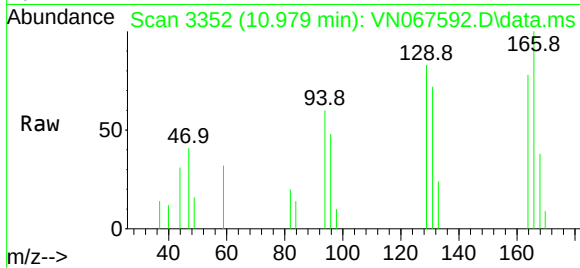




#61
Tetrachloroethene
Concen: 0.629 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

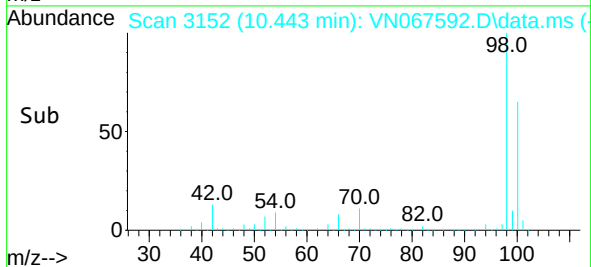
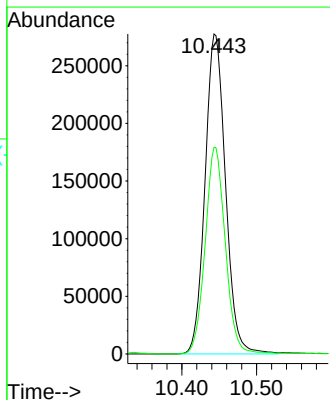
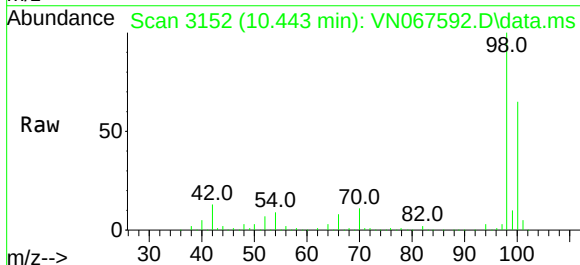
Instrument :
MSVOA_N
ClientSampleId :

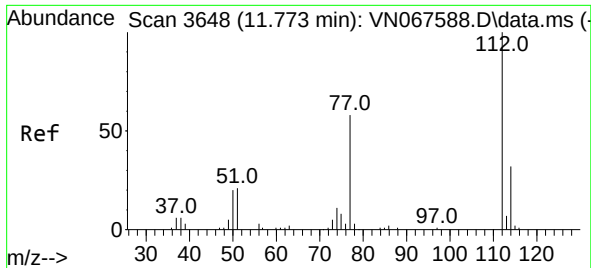
Tgt Ion:164 Resp: 2865
Ion Ratio Lower Upper
164 100
166 128.0 101.0 151.4
129 106.1 85.5 128.3
131 92.2 81.5 122.3



#63
Toluene-d8
Concen: 31.252 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 98 Resp: 529041
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8

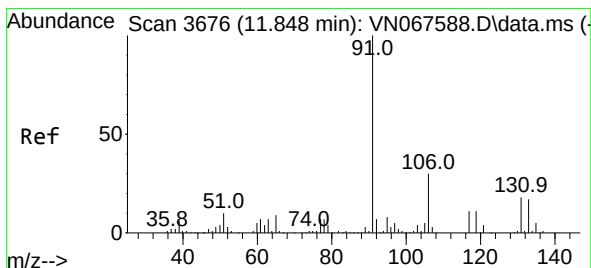
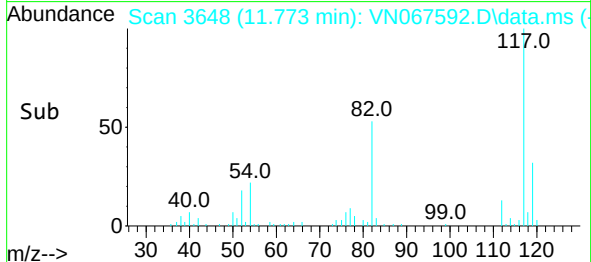
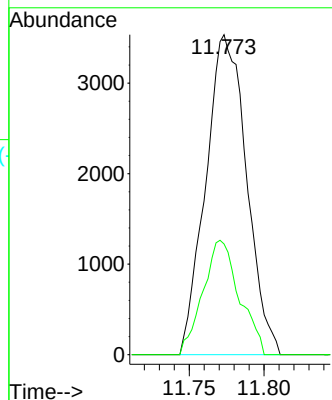
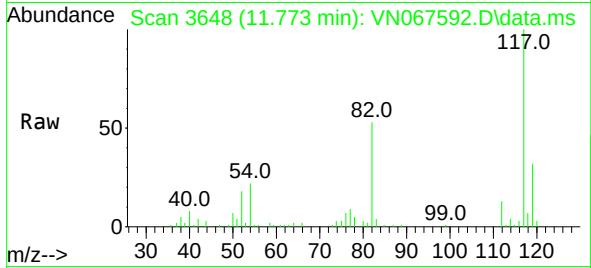




#64
Chlorobenzene
Concen: 0.519 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

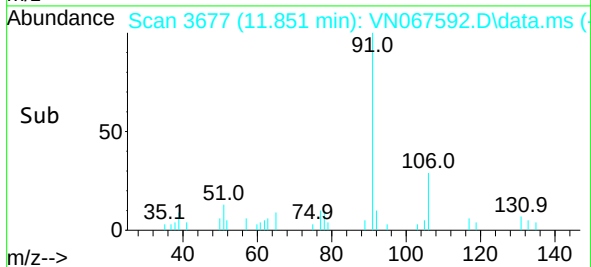
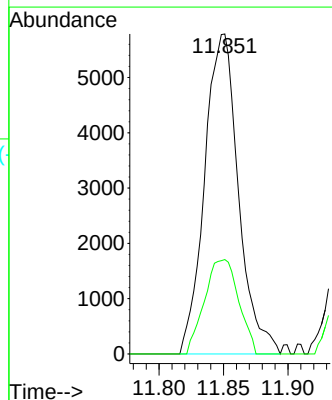
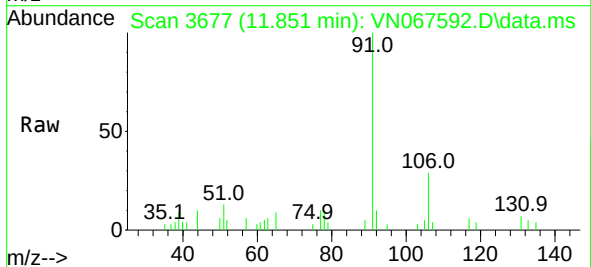
Instrument :
MSVOA_N
ClientSampled :

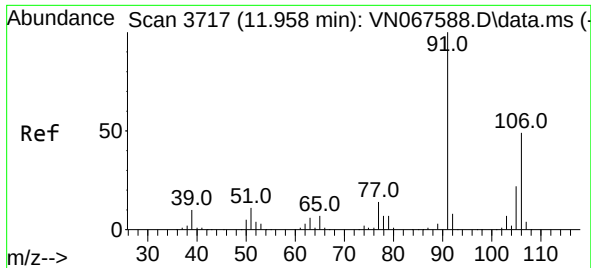
Tgt Ion:112 Resp: 6697
Ion Ratio Lower Upper
112 100
114 34.6 25.4 38.0



#66
Ethyl Benzene
Concen: 0.441 ug/l
RT: 11.851 min Scan# 3677
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 91 Resp: 10567
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.0

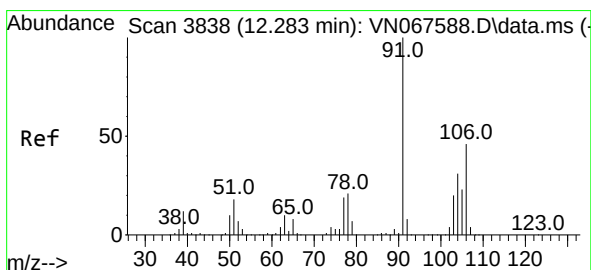
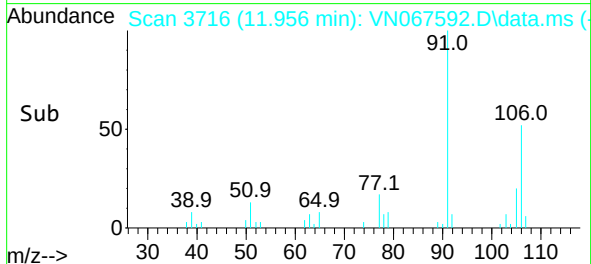
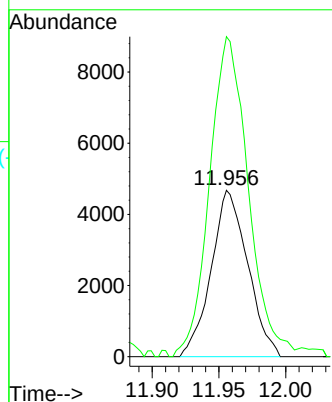
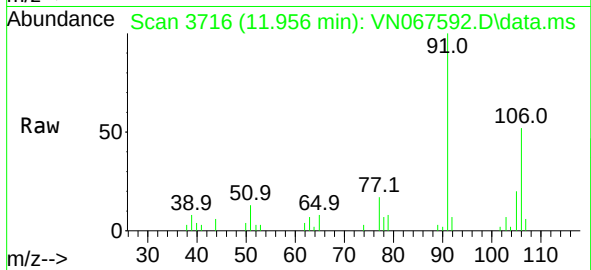




#67
m/p-Xylenes
Concen: 0.955 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

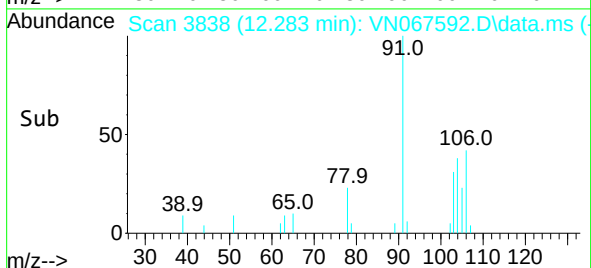
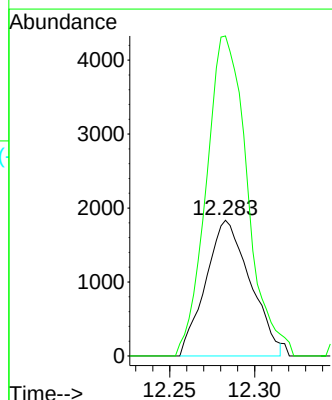
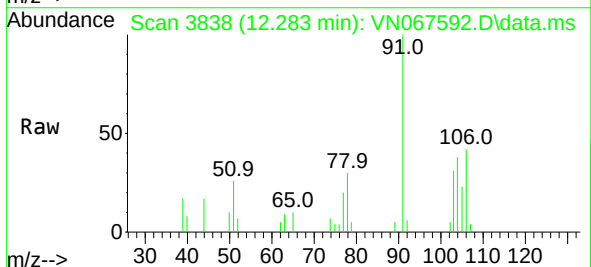
Instrument :
MSVOA_N
ClientSampled :

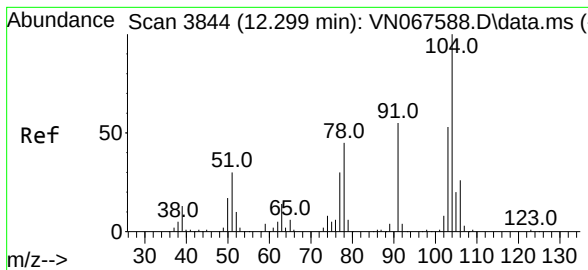
Tgt Ion:106 Resp: 8892
Ion Ratio Lower Upper
106 100
91 203.6 181.3 271.9



#68
o-Xylene
Concen: 0.361 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion:106 Resp: 3349
Ion Ratio Lower Upper
106 100
91 216.8 120.0 360.0

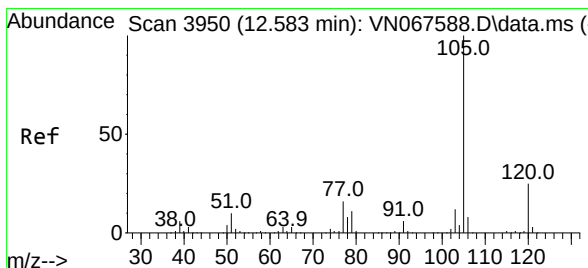
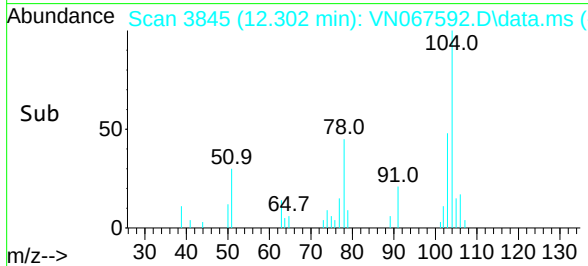
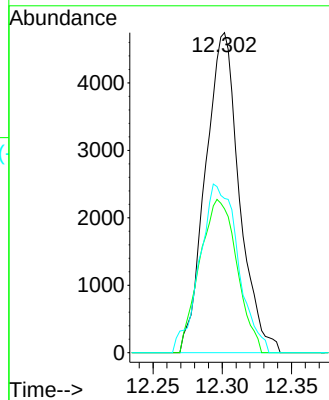
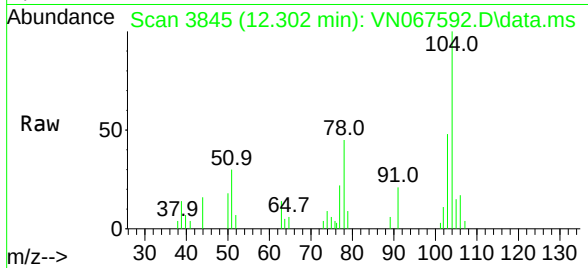




#69
Styrene
Concen: 0.531 ug/l
RT: 12.302 min Scan# 3845
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

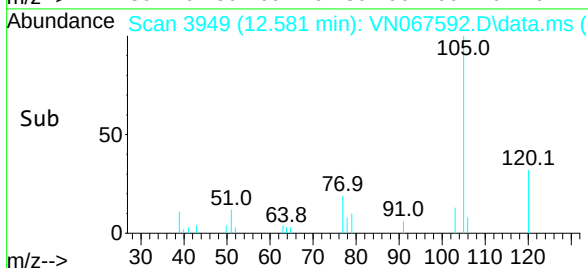
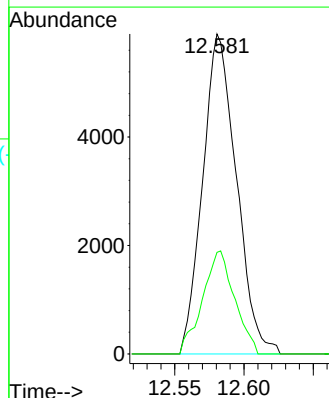
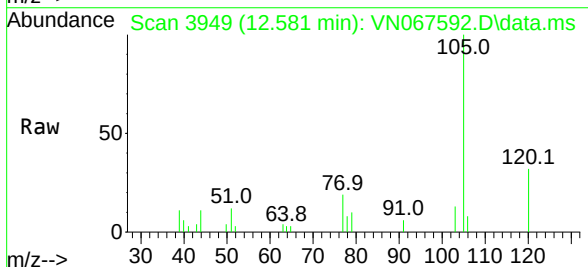
Instrument :
MSVOA_N
ClientSampleId :

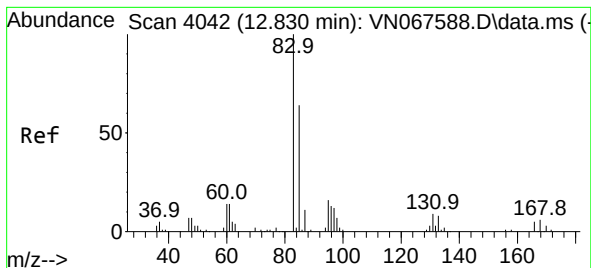
Tgt Ion:104 Resp: 8082
Ion Ratio Lower Upper
104 100
78 52.5 48.2 72.2
103 59.4 44.5 66.7



#70
Isopropylbenzene
Concen: 0.420 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion:105 Resp: 9970
Ion Ratio Lower Upper
105 100
120 30.6 17.6 32.6



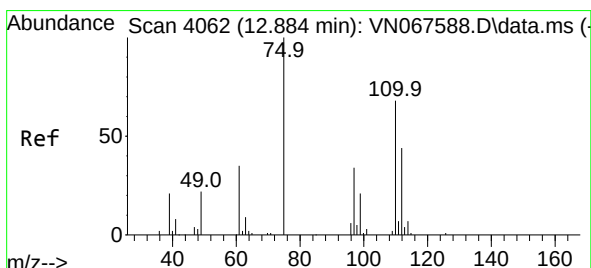
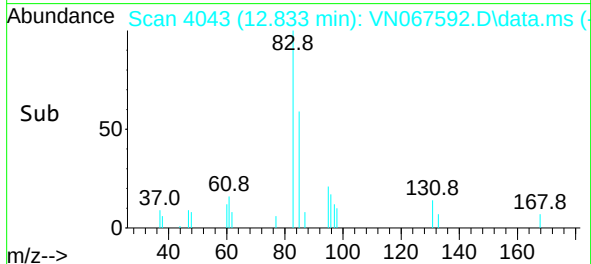
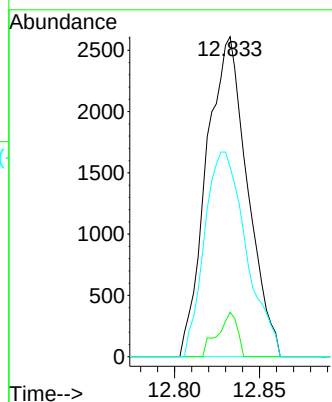
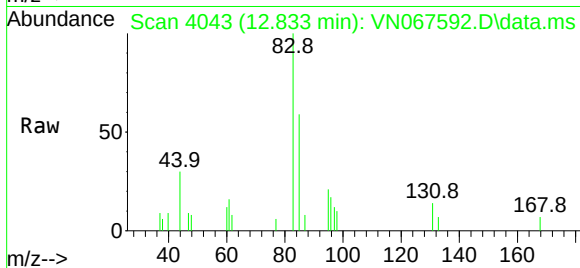


#71

1,1,2,2-Tetrachloroethane
Concen: 0.640 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Instrument :
MSVOA_N
ClientSampleId :

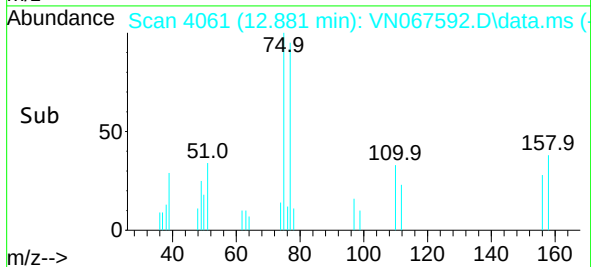
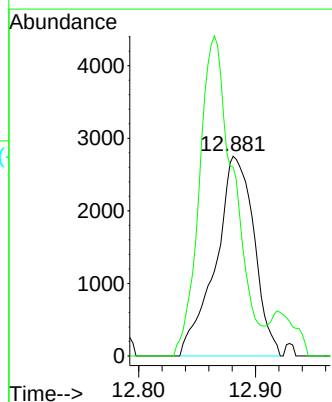
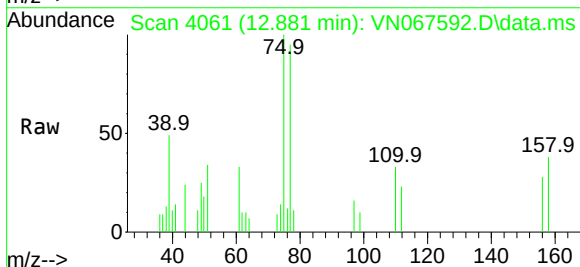
Tgt Ion: 83 Resp: 4370
Ion Ratio Lower Upper
83 100
131 5.6 4.7 14.0
85 65.2 32.2 96.6

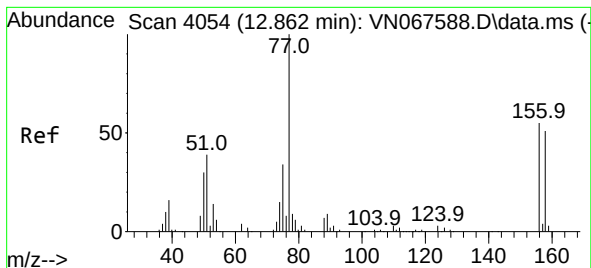


#72

1,2,3-Trichloropropane
Concen: 1.060 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 75 Resp: 6294
Ion Ratio Lower Upper
75 100
77 144.1 0.0 374.2





#73

Bromobenzene

Concen: 0.726 ug/l

RT: 12.865 min Scan# 4055

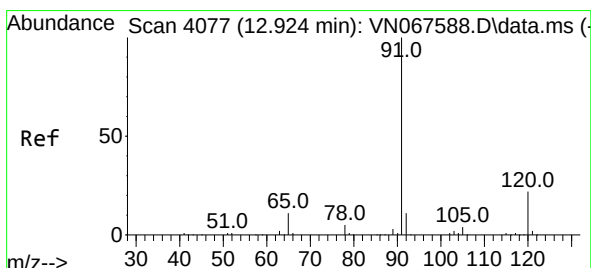
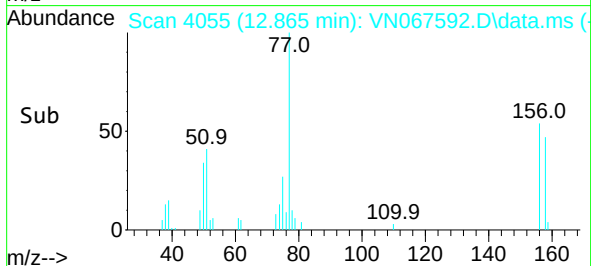
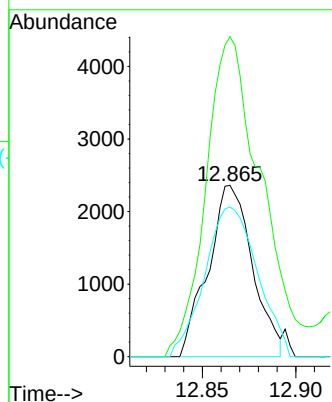
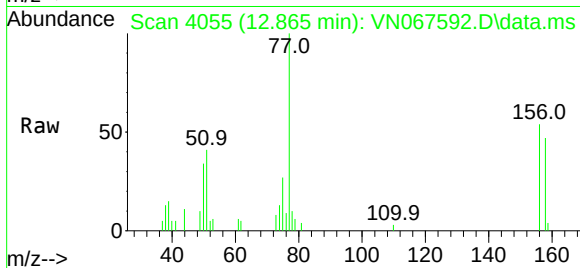
Delta R.T. 0.003 min

Lab File: VN067592.D

Acq: 1 Jul 2021 12:13

Tgt Ion:	156	Resp:	3905
Ion	Ratio	Lower	Upper
156	100		
77	232.2	0.0	548.0
158	103.8	0.0	194.0

Instrument :
MSVOA_N
ClientSampleId :



#74

n-propylbenzene

Concen: 0.775 ug/l

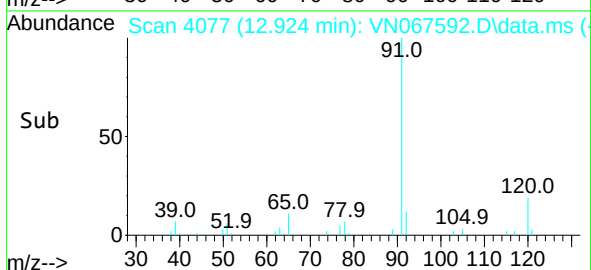
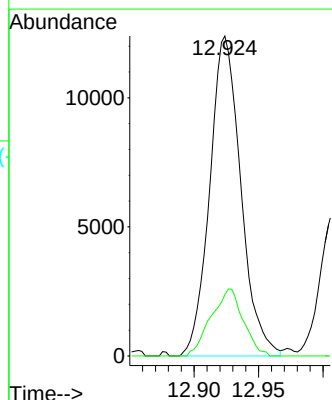
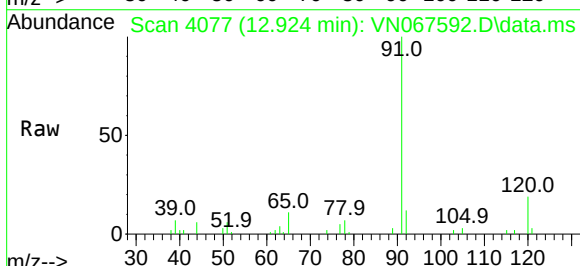
RT: 12.924 min Scan# 4077

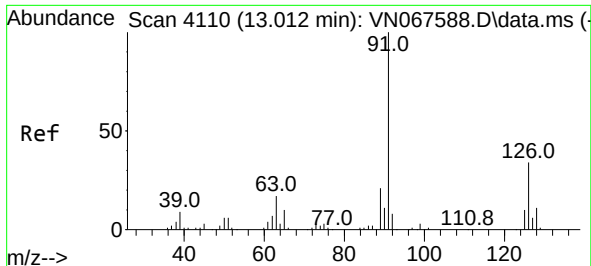
Delta R.T. -0.000 min

Lab File: VN067592.D

Acq: 1 Jul 2021 12:13

Tgt Ion:	91	Resp:	20774
Ion	Ratio	Lower	Upper
91	100		
120	21.5	0.0	41.0

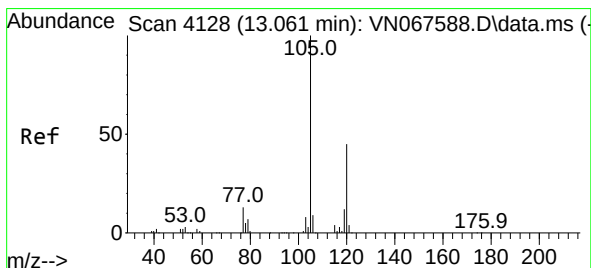
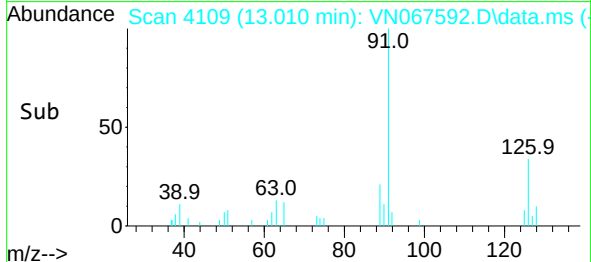
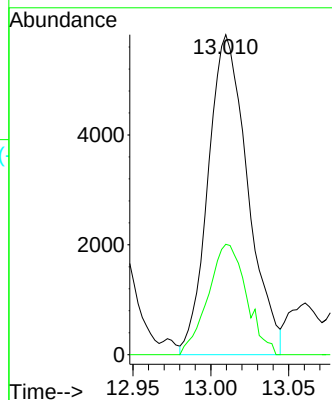
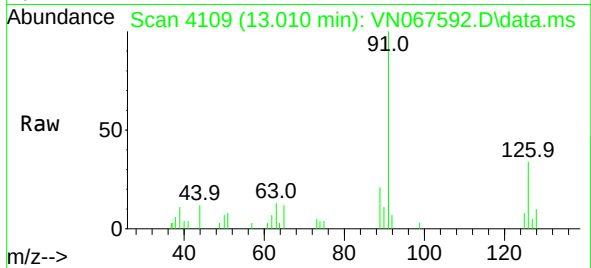




#75
2-Chlorotoluene
Concen: 0.638 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

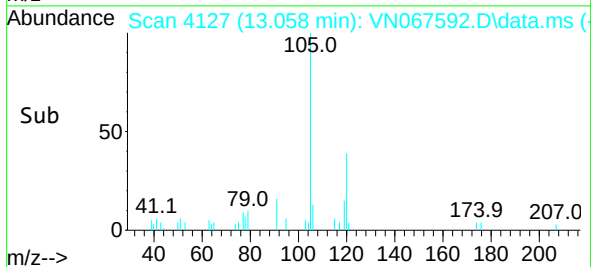
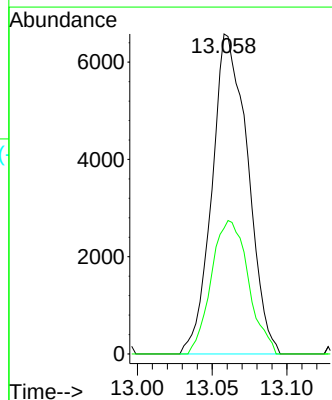
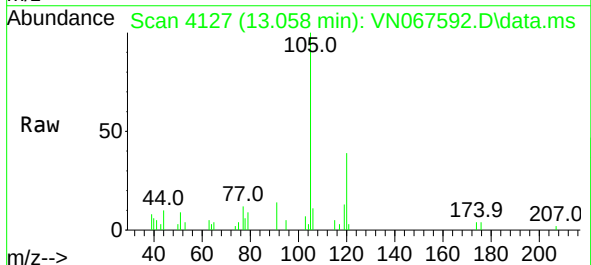
Instrument :
MSVOA_N
ClientSampleId :

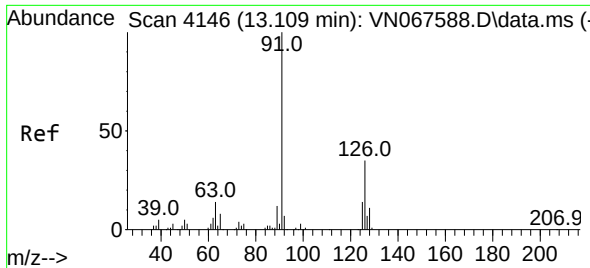
Tgt Ion: 91 Resp: 10286
Ion Ratio Lower Upper
91 100
126 33.5 0.0 0.0#



#76
1,3,5-Trimethylbenzene
Concen: 0.558 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 105 Resp: 10933
Ion Ratio Lower Upper
105 100
120 43.2 0.0 90.2

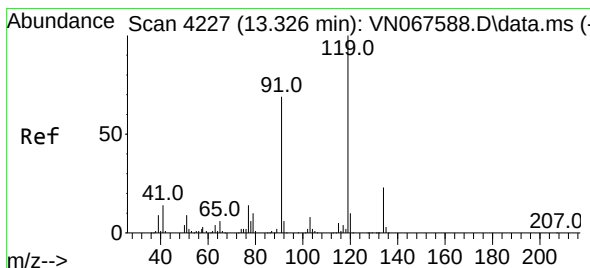
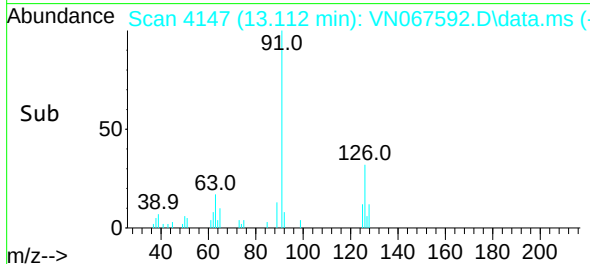
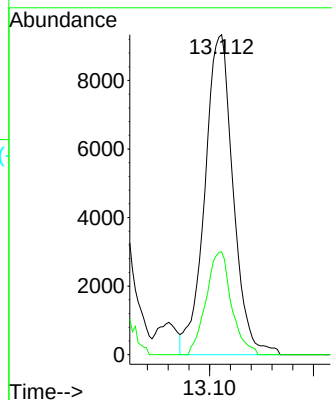
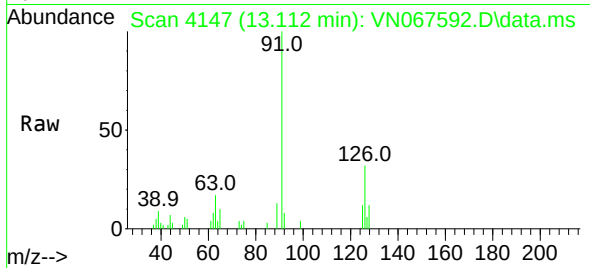




#78
4-Chlorotoluene
Concen: 1.103 ug/l
RT: 13.112 min Scan# 4147
Delta R.T. 0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

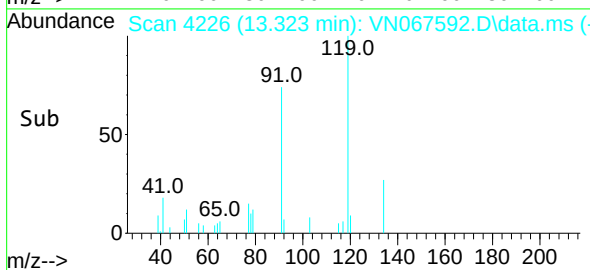
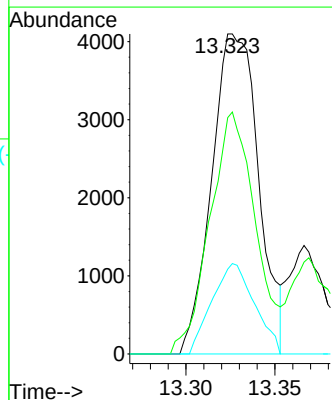
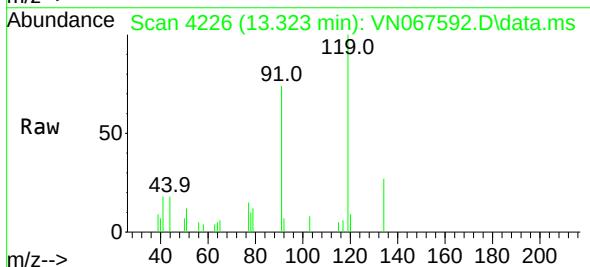
Instrument :
MSVOA_N
ClientSampled :

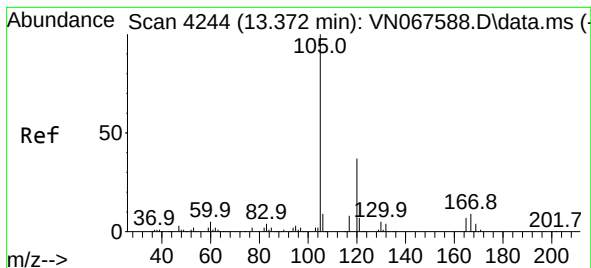
Tgt Ion: 91 Resp: 17690
Ion Ratio Lower Upper
91 100
126 28.8 0.0 57.6



#79
tert-butylbenzene
Concen: 0.456 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion: 119 Resp: 7522
Ion Ratio Lower Upper
119 100
91 73.1 0.0 158.4
134 25.6 0.0 43.6





#80

1,2,4-Trimethylbenzene

Concen: 0.756 ug/l

RT: 13.372 min Scan# 4244

Delta R.T. -0.000 min

Lab File: VN067592.D

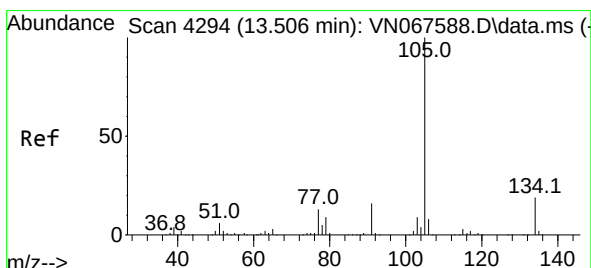
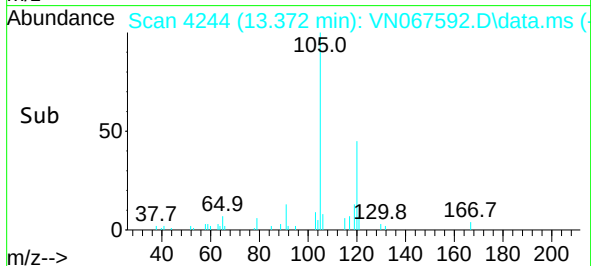
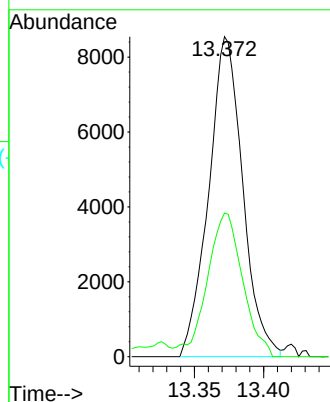
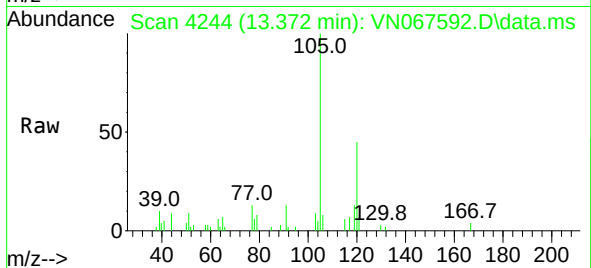
Acq: 1 Jul 2021 12:13

Tgt Ion:105 Resp: 14594

Ion Ratio Lower Upper

105 100

120 45.5 0.0 0.4#



#81

sec-Butylbenzene

Concen: 0.711 ug/l

RT: 13.506 min Scan# 4294

Delta R.T. -0.000 min

Lab File: VN067592.D

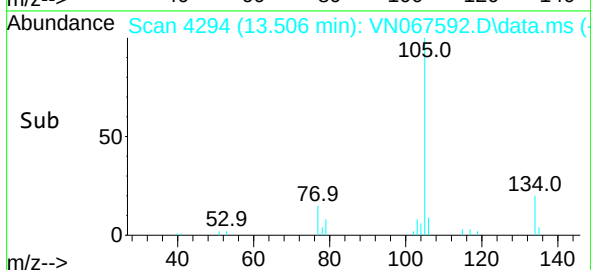
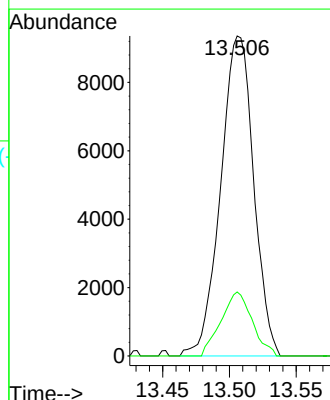
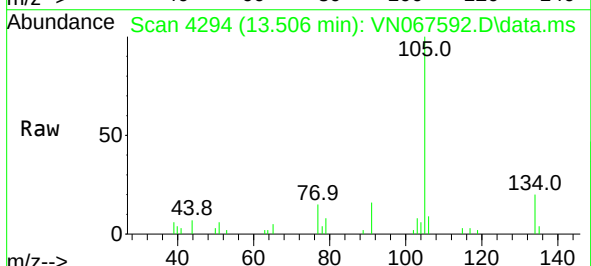
Acq: 1 Jul 2021 12:13

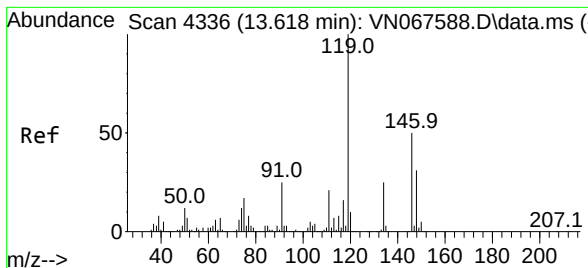
Tgt Ion:105 Resp: 16114

Ion Ratio Lower Upper

105 100

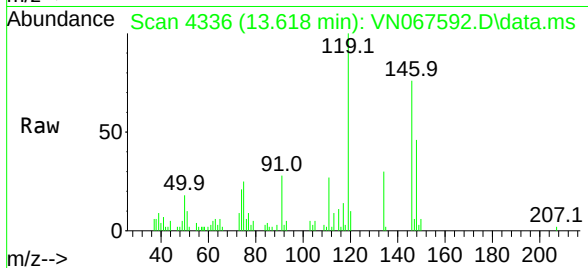
134 18.9 0.0 35.4



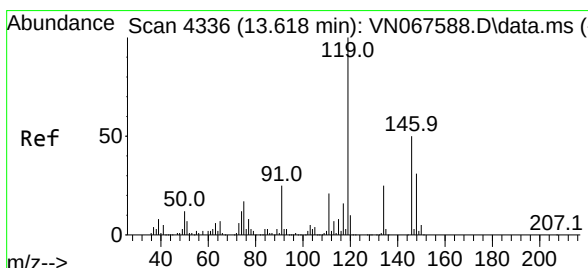
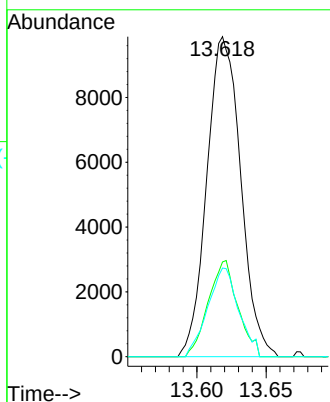
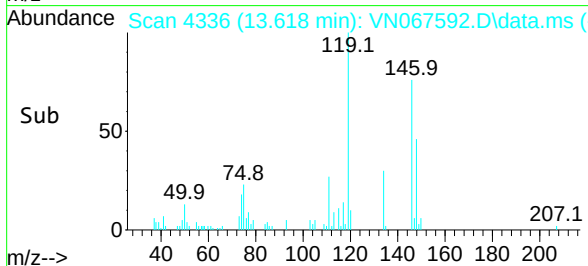


#82
p-Isopropyltoluene
Concen: 0.904 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

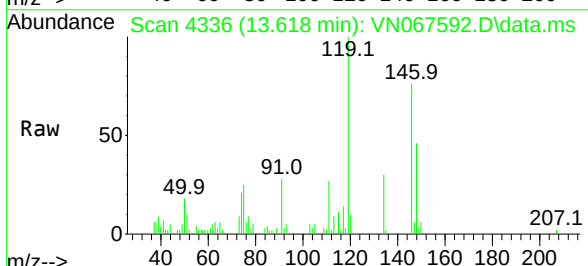
Instrument :
MSVOA_N
ClientSampleId :



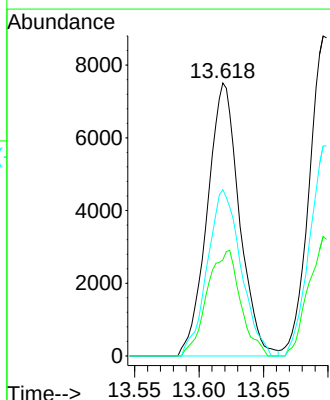
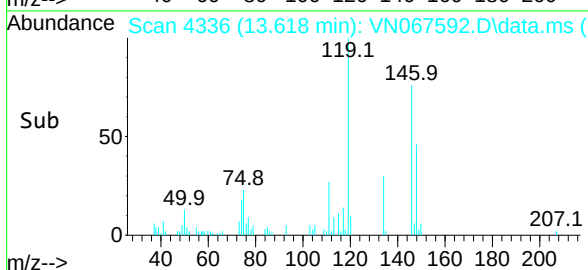
Tgt Ion:119 Resp: 16802
Ion Ratio Lower Upper
119 100
134 26.2 0.0 49.0
91 25.3 0.0 59.6

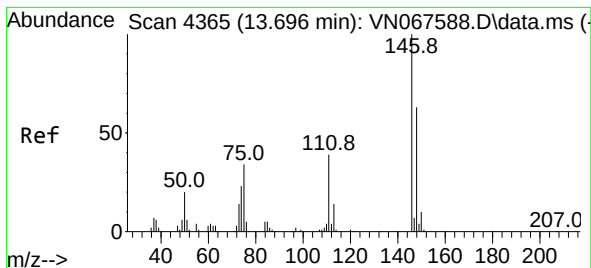


#83
1,3-Dichlorobenzene
Concen: 1.301 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13



Tgt Ion:146 Resp: 12990
Ion Ratio Lower Upper
146 100
111 40.2 25.0 75.0
148 63.8 32.6 97.7





#84

1,4-Dichlorobenzene

Concen: 1.574 ug/l

RT: 13.696 min Scan# 4365

Delta R.T. -0.000 min

Lab File: VN067592.D

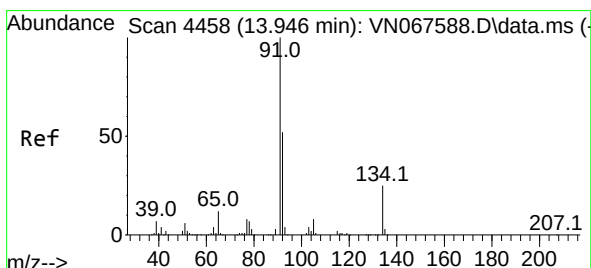
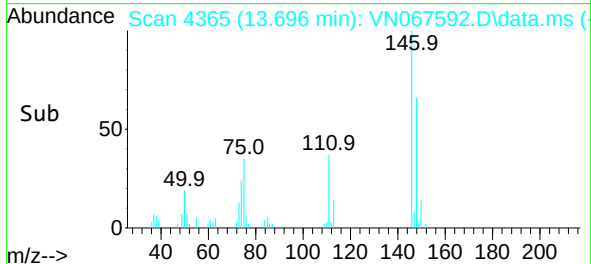
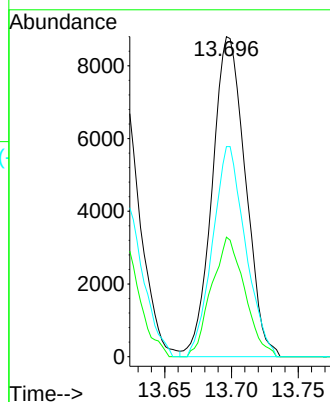
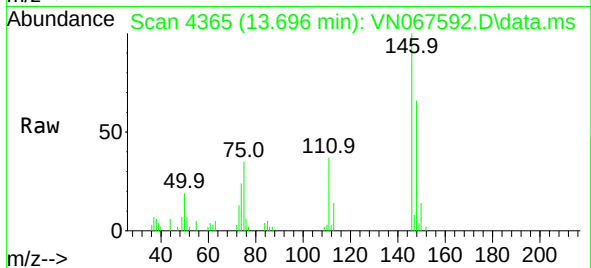
Acq: 1 Jul 2021 12:13

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	15217
Ion	Ratio	Lower Upper
146	100	
111	37.2	23.6 71.0
148	65.0	31.8 95.3



#85

n-Butylbenzene

Concen: 1.827 ug/l

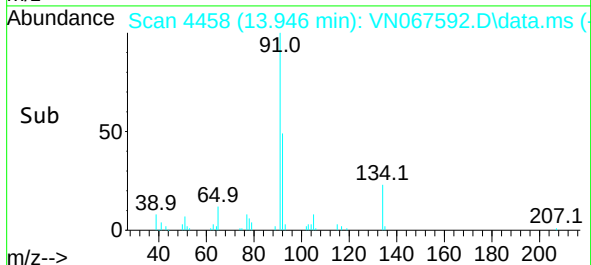
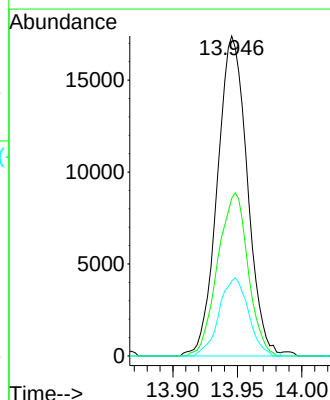
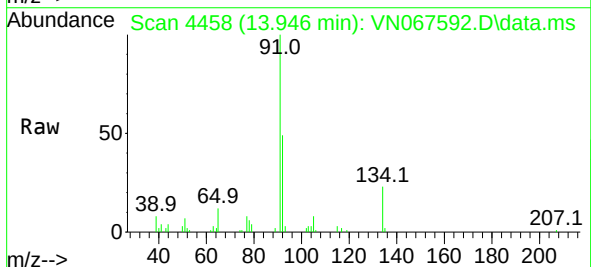
RT: 13.946 min Scan# 4458

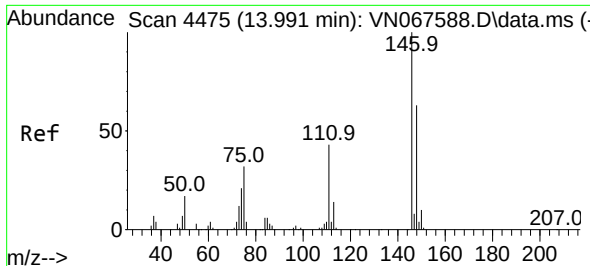
Delta R.T. -0.000 min

Lab File: VN067592.D

Acq: 1 Jul 2021 12:13

Tgt Ion: 91	Resp:	28060
Ion	Ratio	Lower Upper
91	100	
92	51.7	0.0 103.0
134	23.9	0.0 43.6

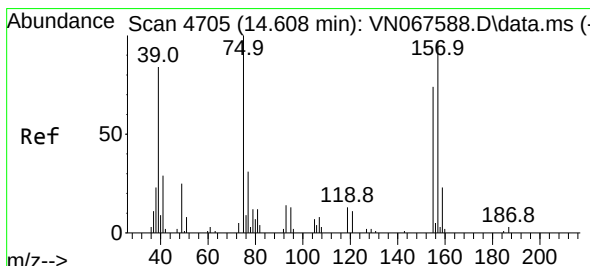
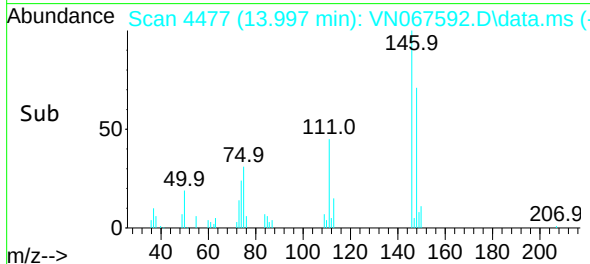
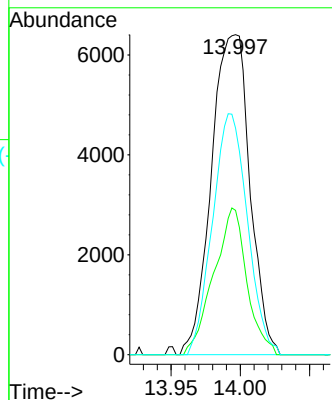
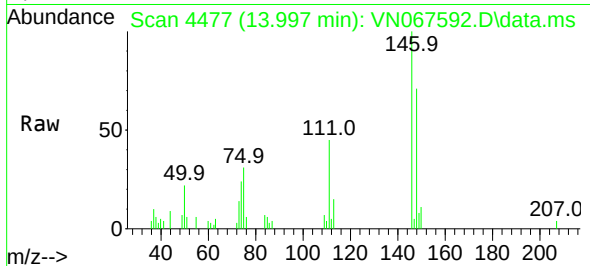




#87
1,2-Dichlorobenzene
Concen: 1.287 ug/l
RT: 13.997 min Scan# 4477
Delta R.T. 0.005 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

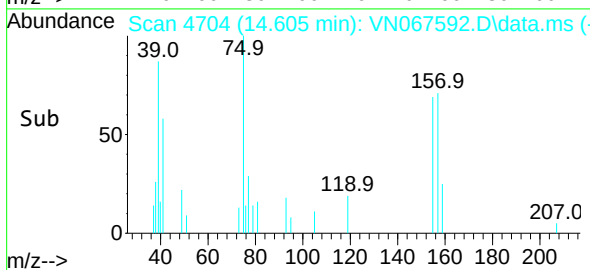
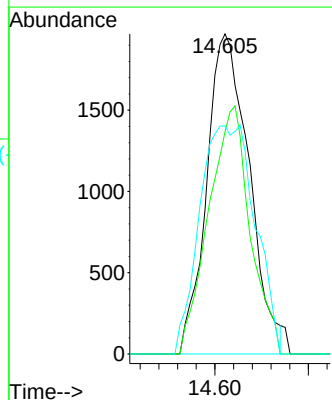
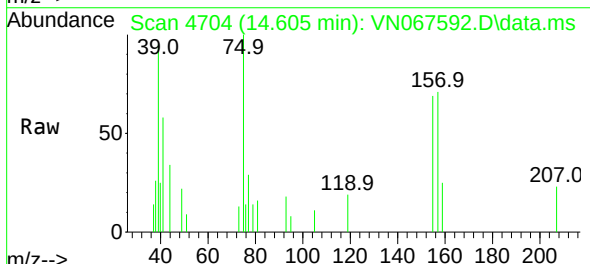
Instrument :
MSVOA_N
ClientSampled :

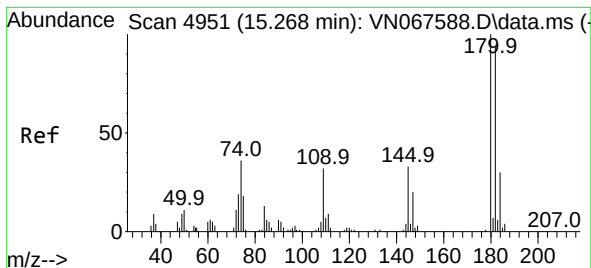
Tgt Ion:146 Resp: 12378
Ion Ratio Lower Upper
146 100
111 39.5 25.0 75.0
148 68.3 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.528 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.003 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

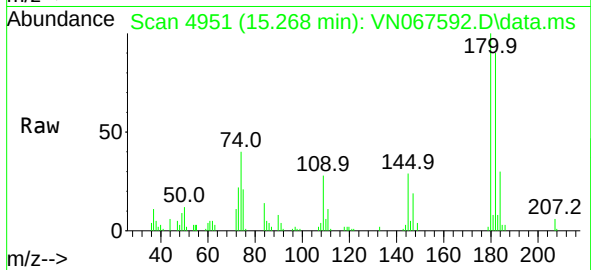
Tgt Ion: 75 Resp: 3084
Ion Ratio Lower Upper
75 100
155 76.0 45.3 67.9#
157 53.8 58.6 87.8#



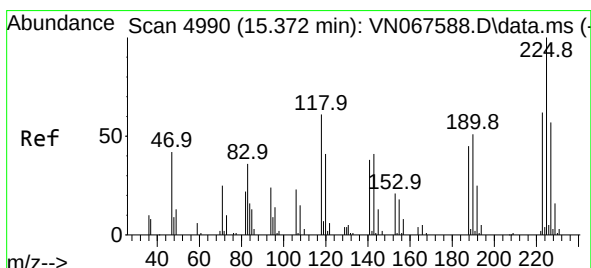
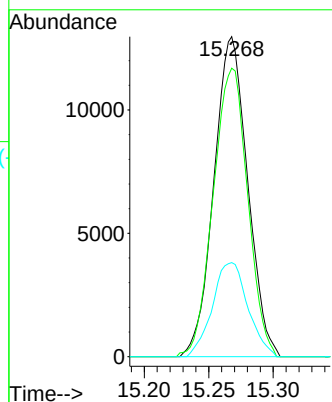
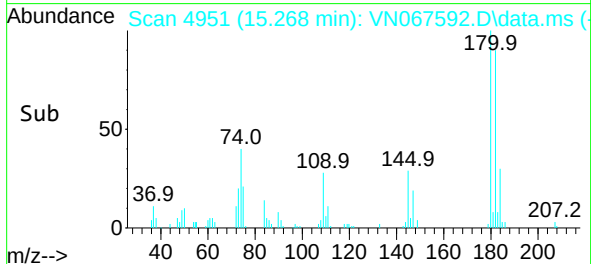


#89
1,2,4-Trichlorobenzene
Concen: 5.692 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

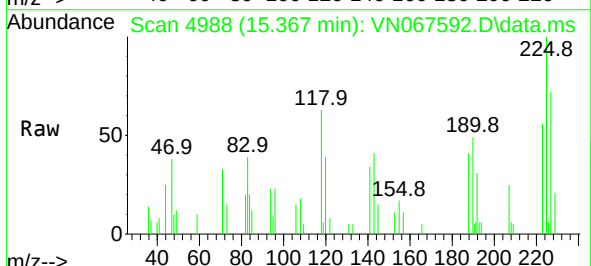
Instrument :
MSVOA_N
ClientSampleId :



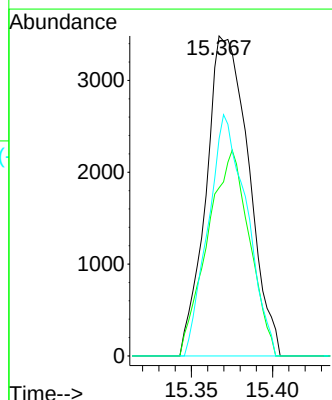
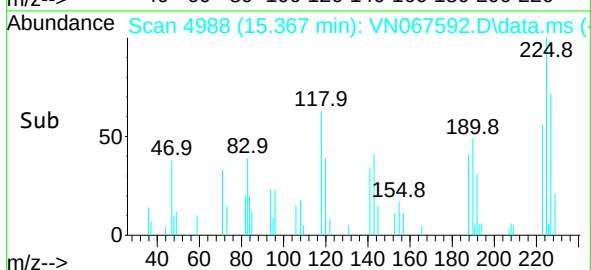
Tgt Ion:180 Resp: 23578
Ion Ratio Lower Upper
180 100
182 92.1 75.9 113.9
145 31.0 28.8 43.2

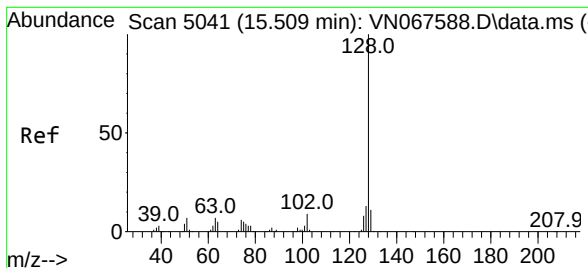


#90
Hexachlorobutadiene
Concen: 3.306 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.005 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13



Tgt Ion:225 Resp: 6346
Ion Ratio Lower Upper
225 100
223 63.2 0.0 129.6
227 68.4 0.0 131.2

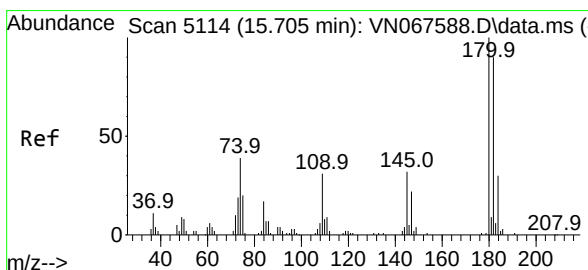
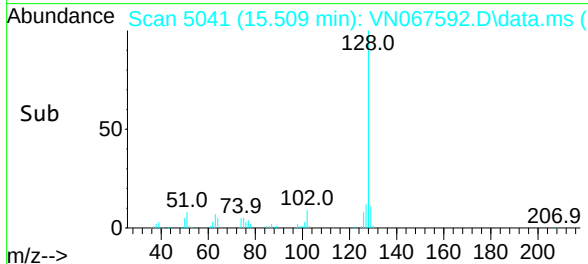
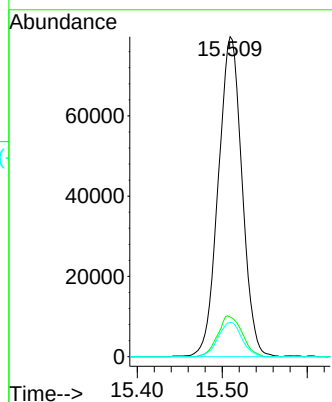
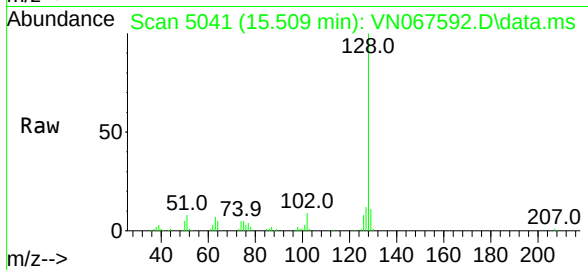




#91
Naphthalene
Concen: 12.133 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 154859
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 7.722 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. -0.000 min
Lab File: VN067592.D
Acq: 1 Jul 2021 12:13

Tgt Ion:180 Resp: 30508
Ion Ratio Lower Upper
180 100
182 95.5 0.0 184.6
145 21.9 0.0 76.0

