

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067640.D
 Acq On : 7 Jul 2021 17:56
 Operator : JC/MD
 Sample : M2940-07 .2PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 08 07:14:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 08 07:13:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	338251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	641090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	588245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	213306	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277433	54.271	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.540%	
35) Dibromofluoromethane	8.024	113	191656	49.481	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.960%	
50) Toluene-d8	10.443	98	795396	49.060	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.120%	
62) 4-Bromofluorobenzene	12.734	95	245964	42.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.900%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.073	85	855	0.297	ug/l #	43
3) Chloromethane	2.303	50	1927	0.423	ug/l	98
4) Vinyl Chloride	2.446	62	1860	0.271	ug/l #	87
6) Chloroethane	3.019	64	1691	0.332	ug/l #	78
7) Trichlorofluoromethane	3.376	101	3717	0.291	ug/l	99
11) Tert butyl alcohol	5.396	59	416	0.566	ug/l #	71
13) Acrolein	4.036	56	507	1.285	ug/l #	64
15) Acrylonitrile	5.557	53	865	0.475	ug/l	92
16) Acetone	4.299	43	2440	1.517	ug/l	100
17) Carbon Disulfide	4.519	76	3274	0.393	ug/l #	72
20) Methylene Chloride	5.095	84	2479	0.583	ug/l #	92
21) trans-1,2-Dichloroethene	5.597	96	725	0.204	ug/l #	46
23) Vinyl Acetate	6.442	43	10063	0.938	ug/l	100
25) 2-Butanone	7.359	43	4288	1.605	ug/l	95
28) Bromochloromethane	7.659	49	732	0.214	ug/l #	92
29) Tetrahydrofuran	7.686	42	375	0.213	ug/l #	48
30) Chloroform	7.817	83	2123	0.270	ug/l #	82
31) Cyclohexane	8.091	56	11194	1.562	ug/l #	43
36) 1,1-Dichloropropene	8.220	75	1732	0.291	ug/l #	77
38) Carbon Tetrachloride	8.088	117	37358	6.360	ug/l #	16
39) Methylcyclohexane	9.464	83	1438	0.221	ug/l #	81
40) Benzene	8.461	78	4399	0.247	ug/l #	66
42) 1,2-Dichloroethane	8.534	62	2230	0.337	ug/l #	79
43) Isopropyl Acetate	8.571	43	2643	0.260	ug/l #	76
44) Trichloroethene	9.220	130	1217	0.269	ug/l	84
45) 1,2-Dichloropropane	9.494	63	1036	0.230	ug/l	93
47) Bromodichloromethane	9.762	83	1264	0.202	ug/l #	94
49) 1,4-Dioxane	9.580	88	194	2.493	ug/l #	31
51) 4-Methyl-2-Pentanone	10.336	43	8066	1.294	ug/l	100
52) Toluene	10.505	92	3297	0.282	ug/l	84
53) t-1,3-Dichloropropene	10.725	75	1490	0.232	ug/l #	78
55) 1,1,2-Trichloroethane	10.899	97	1198	0.268	ug/l #	79
56) Ethyl methacrylate	10.765	69	1563	0.227	ug/l #	81
57) 1,3-Dichloropropane	11.052	76	1663	0.217	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.049	63	2809	1.965	ug/l	99
59) 2-Hexanone	11.089	43	6749	1.551	ug/l	94

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 ClientSampleId :

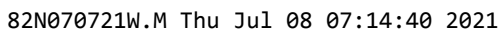
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 08 07:13:53 2021
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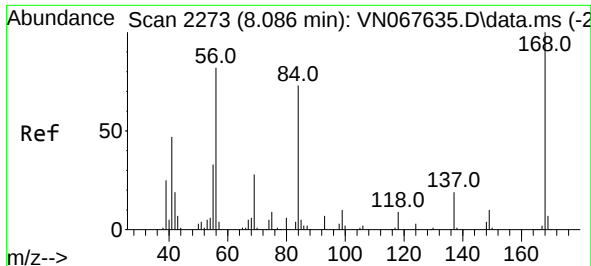
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

64) Tetrachloroethene	10.980	164	1153	0.278	ug/l #	79
65) Chlorobenzene	11.771	112	3048	0.252	ug/l	89
67) Ethyl Benzene	11.848	91	5439	0.247	ug/l	96
68) m/p-Xylenes	11.956	106	4022	0.483	ug/l	83
69) o-Xylene	12.286	106	1829	0.224	ug/l	89
70) Styrene	12.296	104	3045	0.233	ug/l #	90
73) Isopropylbenzene	12.581	105	4720	0.274	ug/l	98
74) N-amyl acetate	12.388	43	2532	0.406	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.827	83	1390	0.278	ug/l #	93
76) 1,2,3-Trichloropropane	12.734	75	141087	32.388	ug/l #	100
77) Bromobenzene	12.862	156	1105	0.290	ug/l	90
78) n-propylbenzene	12.927	91	6458	0.332	ug/l	95
79) 2-Chlorotoluene	13.007	91	4038	0.343	ug/l	88
80) 1,3,5-Trimethylbenzene	13.063	105	4067	0.292	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.734	75	141087	104.424	ug/l #	6
82) 4-Chlorotoluene	13.109	91	4289	0.369	ug/l	93
83) tert-Butylbenzene	13.326	119	3469	0.292	ug/l	86
84) 1,2,4-Trimethylbenzene	13.366	105	4277	0.313	ug/l	100
85) sec-Butylbenzene	13.503	105	4948	0.301	ug/l	96
86) p-Isopropyltoluene	13.619	119	3470	0.261	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	2731	0.386	ug/l	89
88) 1,4-Dichlorobenzene	13.619	146	2731	0.377	ug/l	91
89) n-Butylbenzene	13.946	91	4507	0.396	ug/l	92
91) 1,2-Dichlorobenzene	13.994	146	2589	0.380	ug/l	87
93) 1,2,4-Trichlorobenzene	15.265	180	1643	0.559	ug/l	88
94) Hexachlorobutadiene	15.373	225	474	0.331	ug/l	80
95) Naphthalene	15.504	128	7935	0.959	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.700	180	1937	0.683	ug/l	94

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

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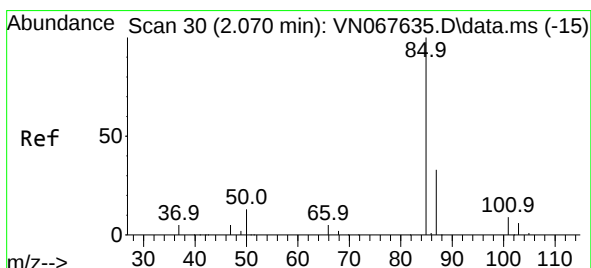
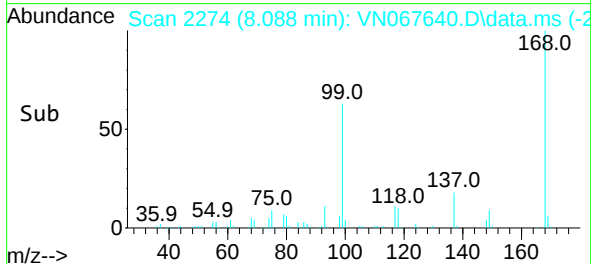
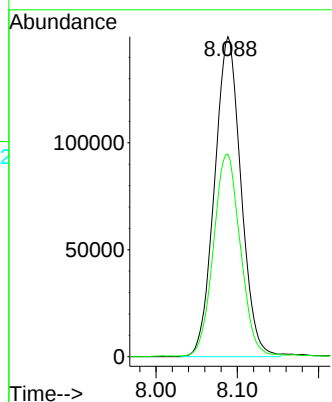
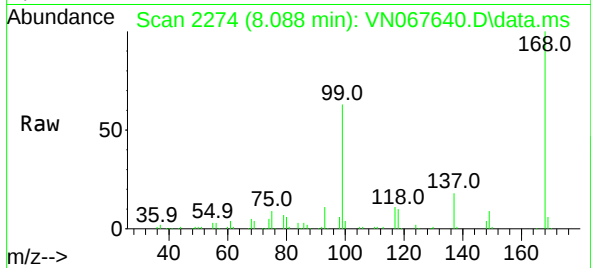




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

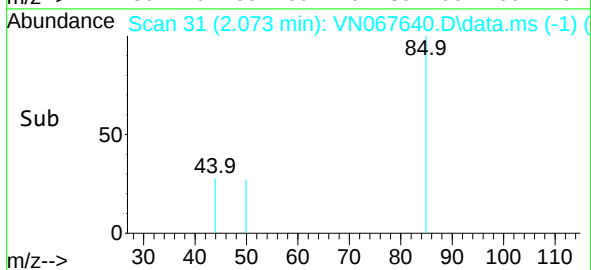
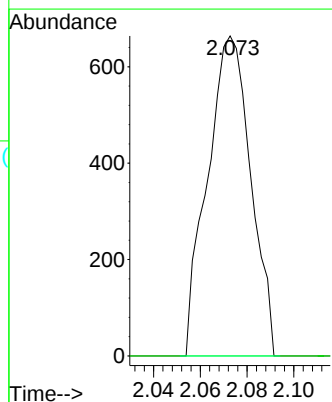
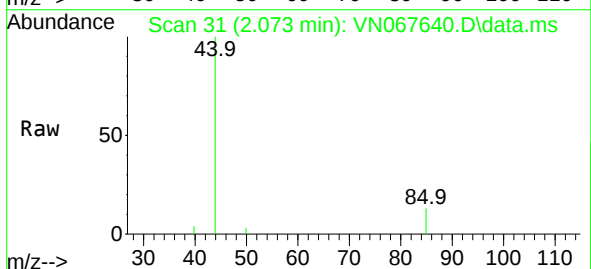
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MSVOA_N
ClientSampleId :

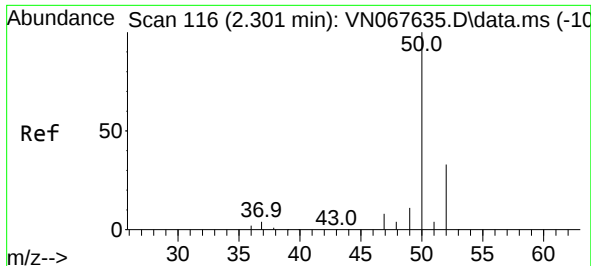
Tgt Ion:168 Resp: 338251
Ion Ratio Lower Upper
168 100
99 63.0 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 0.297 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 85 Resp: 855
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#3

Chloromethane

Concen: 0.423 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.002 min

Lab File: VN067640.D

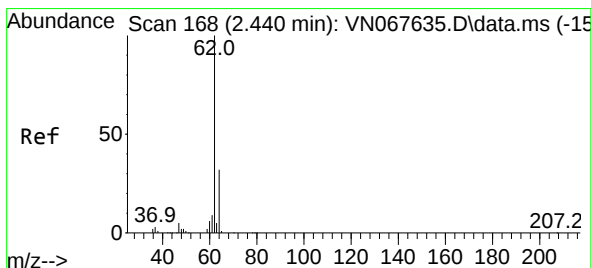
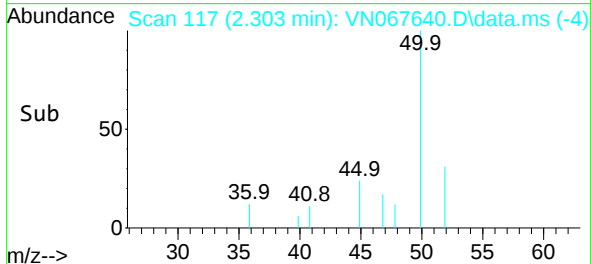
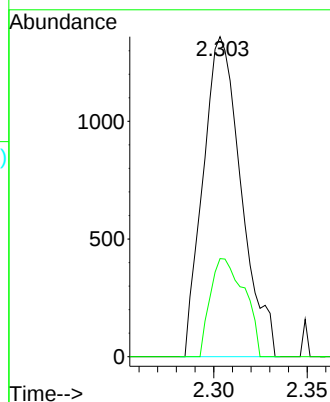
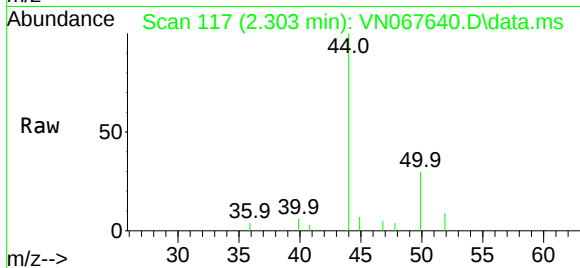
Acq: 7 Jul 2021 17:56

Tgt Ion: 50 Resp: 1927

Ion Ratio Lower Upper

50 100

52 30.7 25.6 38.4



#4

Vinyl Chloride

Concen: 0.271 ug/l

RT: 2.446 min Scan# 170

Delta R.T. 0.006 min

Lab File: VN067640.D

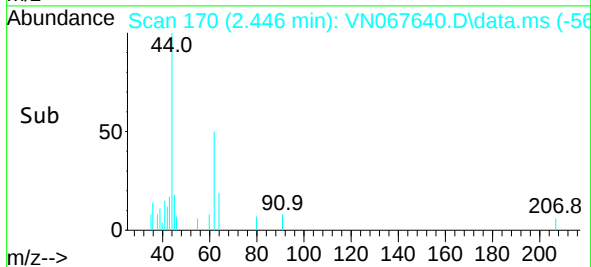
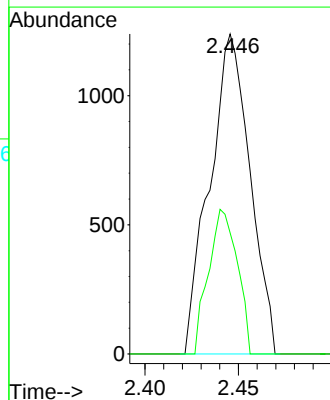
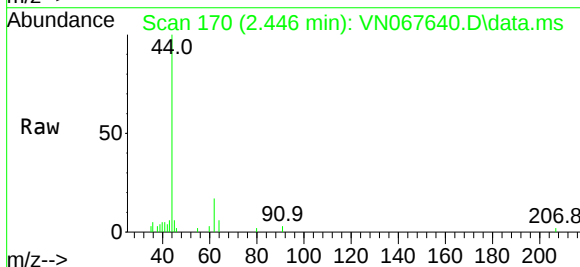
Acq: 7 Jul 2021 17:56

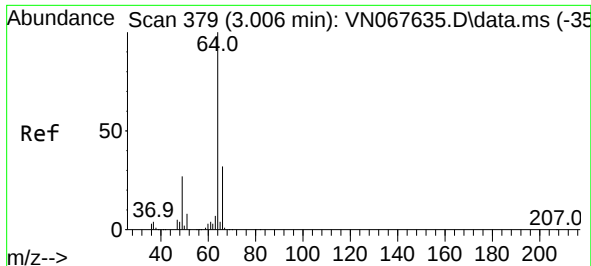
Tgt Ion: 62 Resp: 1860

Ion Ratio Lower Upper

62 100

64 37.9 24.4 36.6#

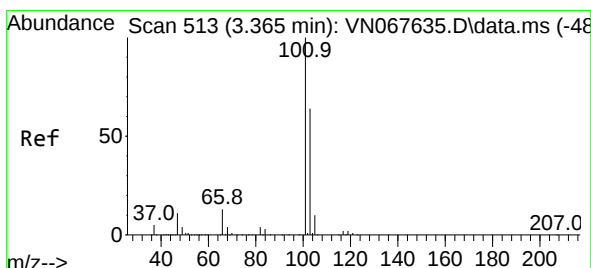
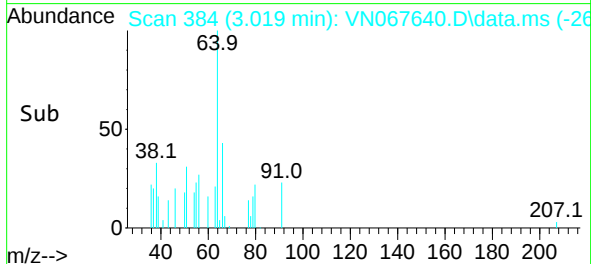
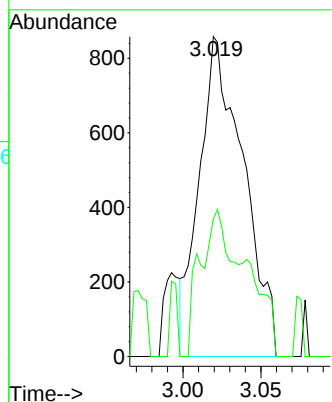
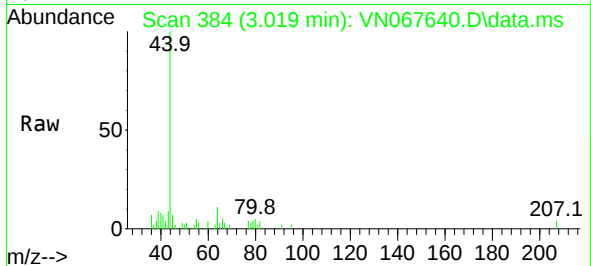




#6
Chloroethane
Concen: 0.332 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.013 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

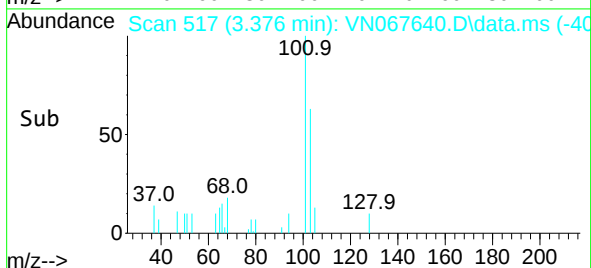
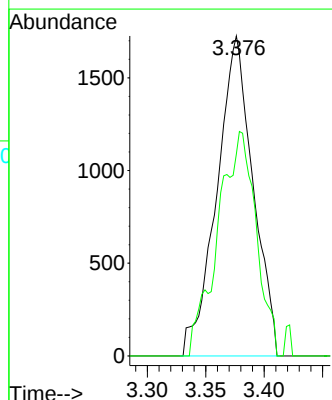
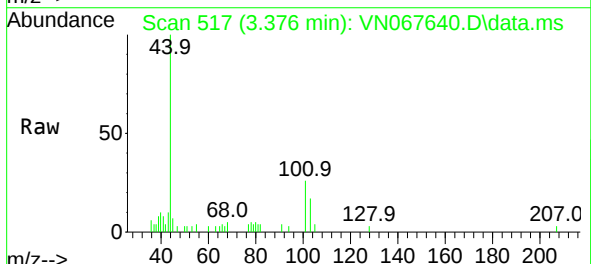
Instrument :
MSVOA_N
ClientSampleId :

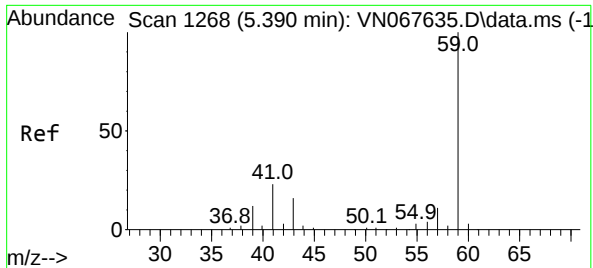
Tgt Ion: 64 Resp: 1691
Ion Ratio Lower Upper
64 100
66 43.0 24.7 37.1#



#7
Trichlorofluoromethane
Concen: 0.291 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.011 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 101 Resp: 3717
Ion Ratio Lower Upper
101 100
103 63.1 51.2 76.8

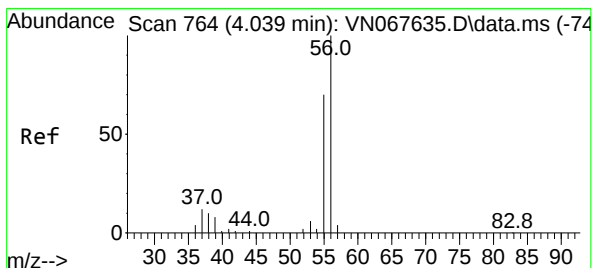
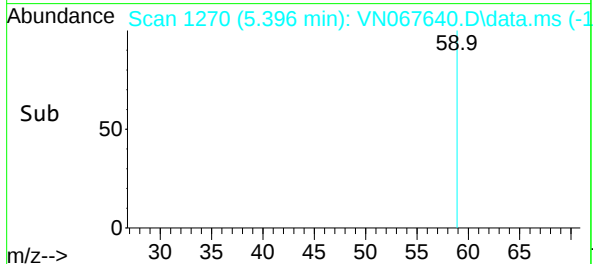
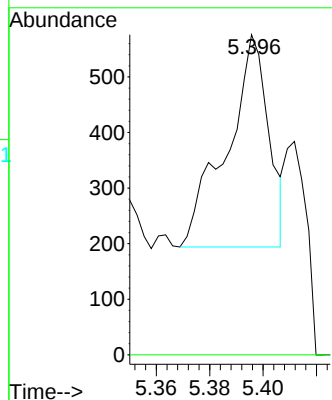
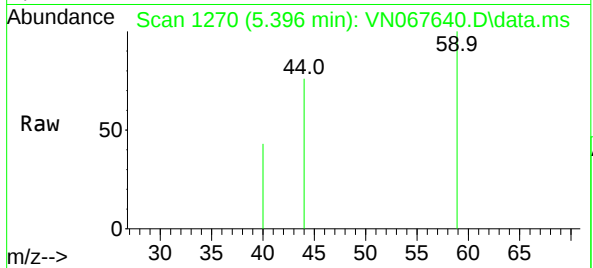




#11
Tert butyl alcohol
Concen: 0.566 ug/l
RT: 5.396 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

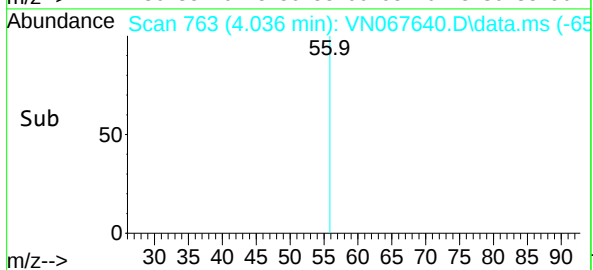
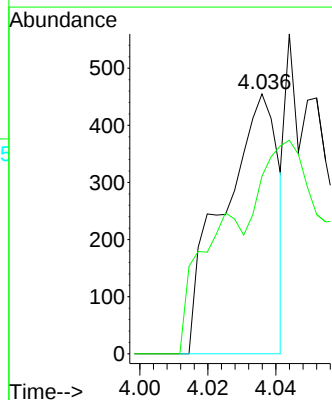
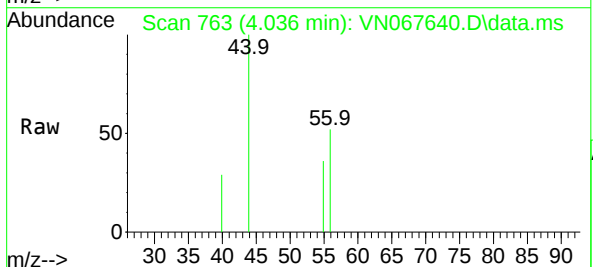
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MSVOA_N
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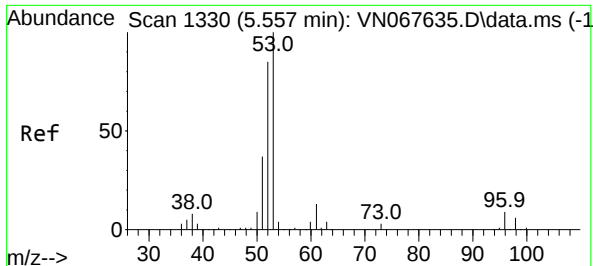
Tgt Ion: 59 Resp: 416
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 1.285 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 56 Resp: 507
Ion Ratio Lower Upper
56 100
55 42.0 57.4 86.0#

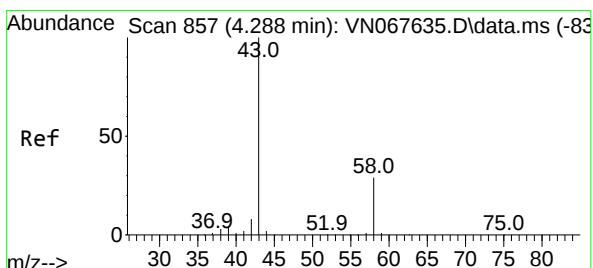
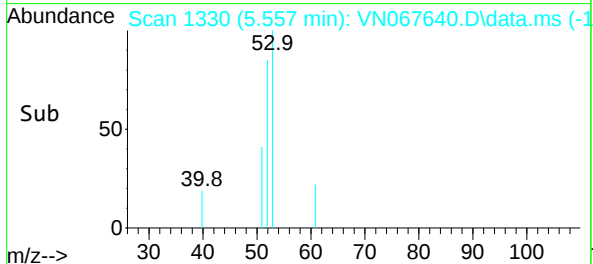
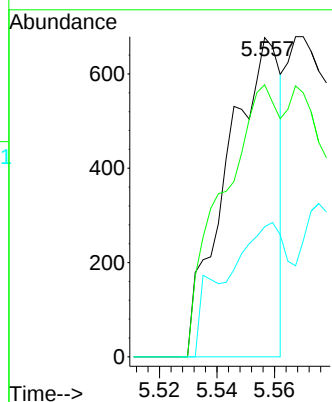
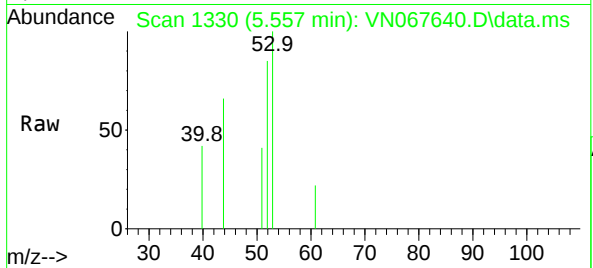




#15
Acrylonitrile
Concen: 0.475 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

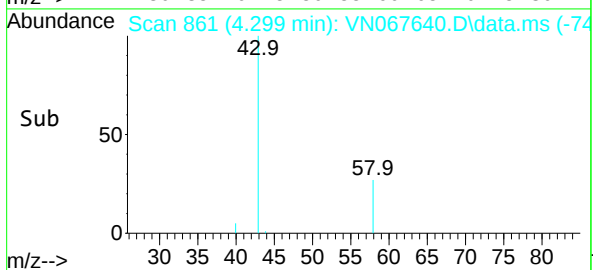
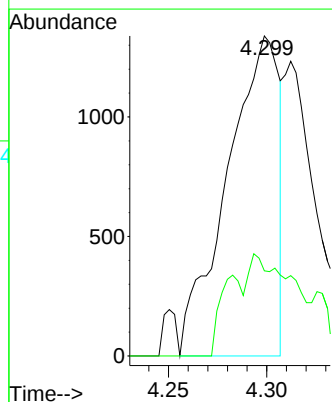
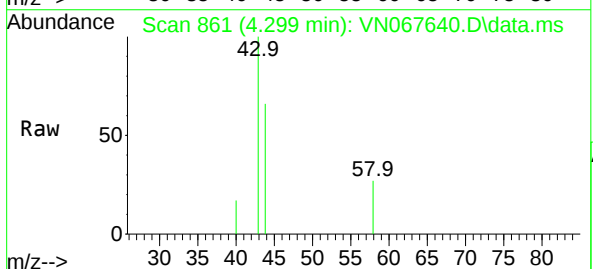
Instrument :
MSVOA_N
ClientSampled :

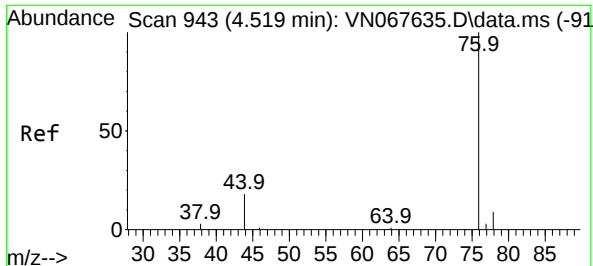
Tgt Ion: 53 Resp: 865
Ion Ratio Lower Upper
53 100
52 91.7 66.2 99.2
51 39.3 30.2 45.4



#16
Acetone
Concen: 1.517 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

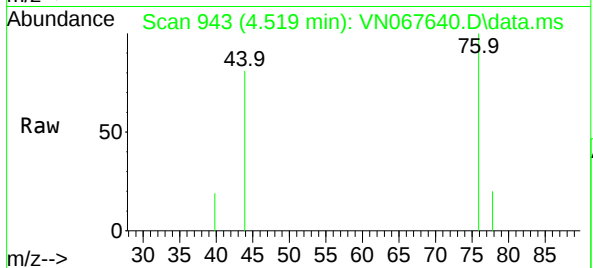
Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8



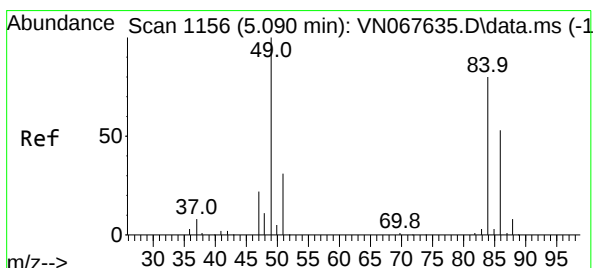
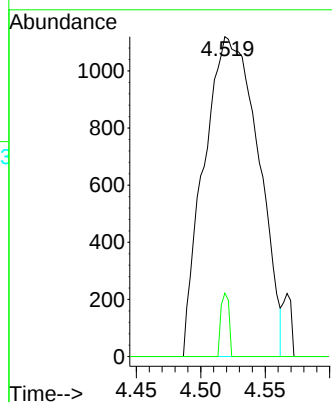
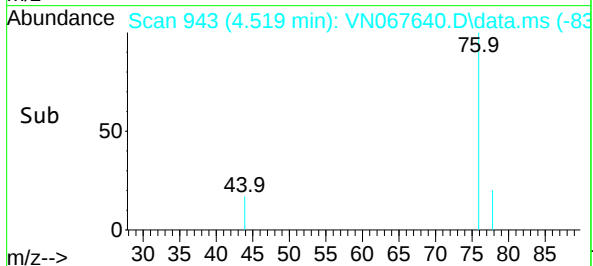


#17
Carbon Disulfide
Concen: 0.393 ug/l
RT: 4.519 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

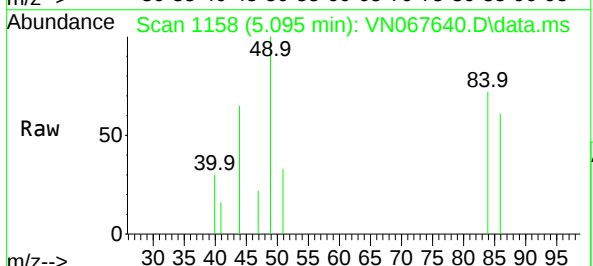
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MSVOA_N
ClientSampled :



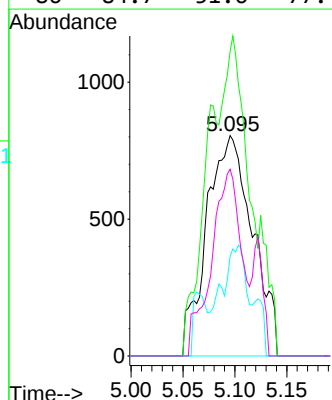
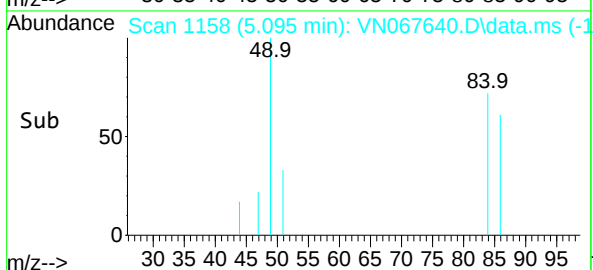
Tgt Ion: 76 Resp: 3274
Ion Ratio Lower Upper
76 100
78 19.8 7.7 11.5#

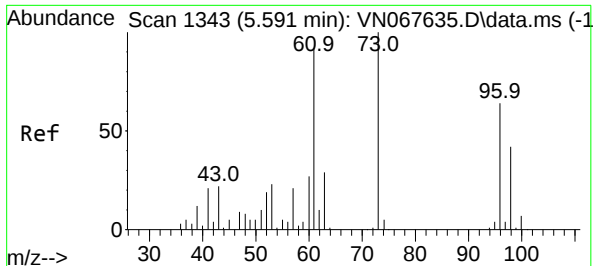


#20
Methylene Chloride
Concen: 0.583 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56



Tgt Ion: 84 Resp: 2479
Ion Ratio Lower Upper
84 100
49 138.3 110.9 166.3
51 45.3 32.6 49.0
86 84.7 51.6 77.4#



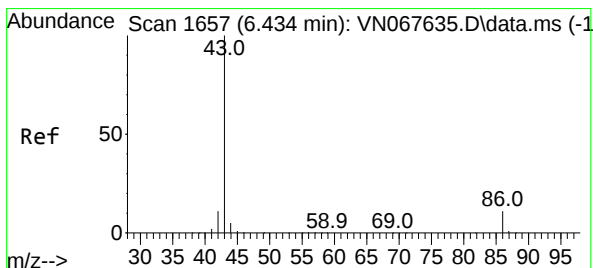
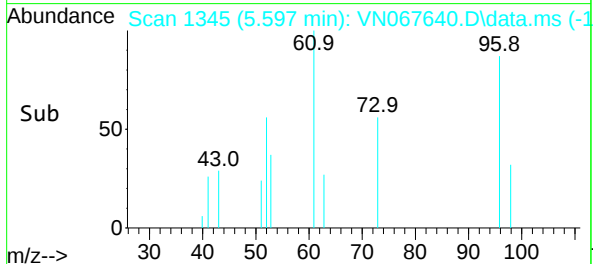
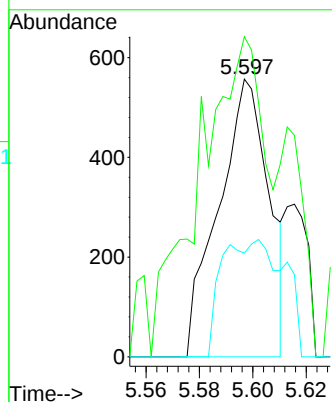
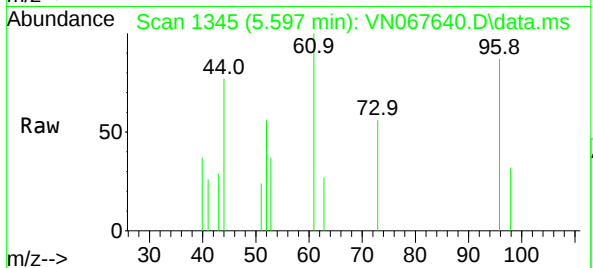


#21

trans-1,2-Dichloroethene
Concen: 0.204 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.006 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Instrument :
MSVOA_N
ClientSampled :

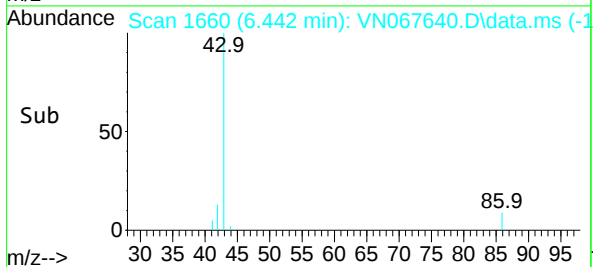
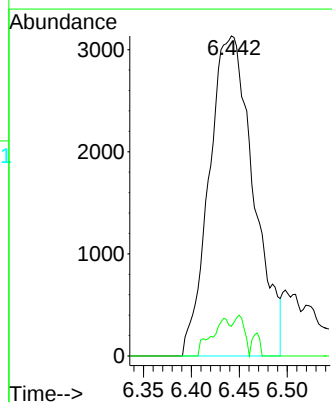
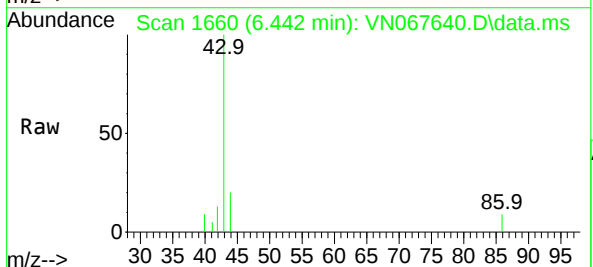
Tgt Ion: 96 Resp: 725
Ion Ratio Lower Upper
96 100
61 73.1 123.5 185.3#
98 37.3 48.6 72.8#

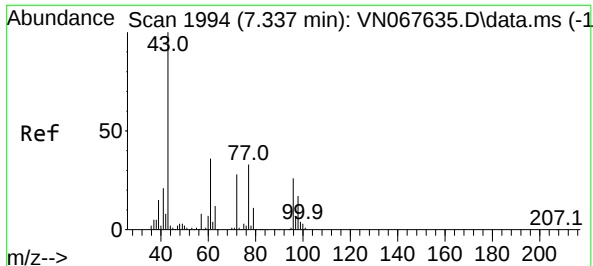


#23

Vinyl Acetate
Concen: 0.938 ug/l
RT: 6.442 min Scan# 1660
Delta R.T. 0.008 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

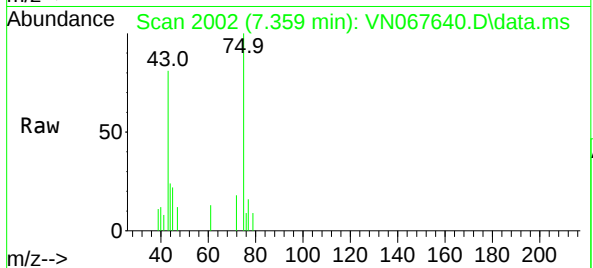
Tgt Ion: 43 Resp: 10063
Ion Ratio Lower Upper
43 100
86 9.3 7.3 10.9



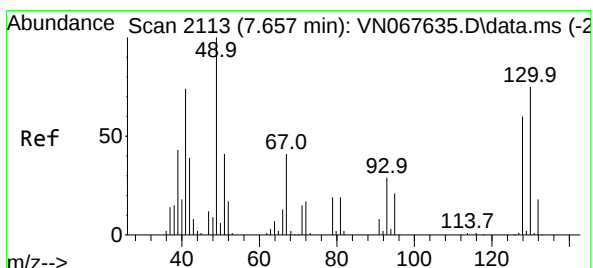
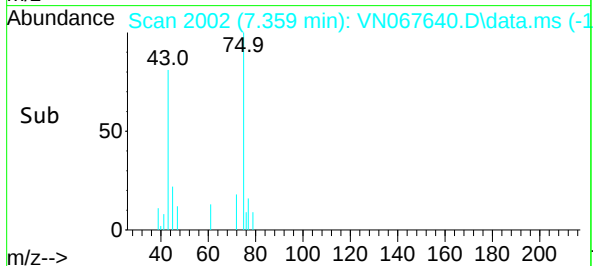
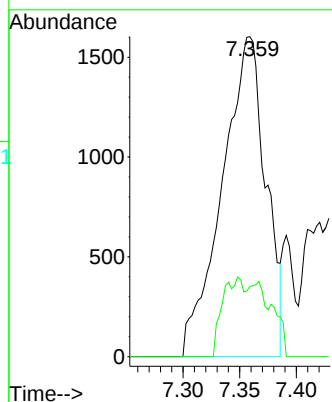


#25
2-Butanone
Concen: 1.605 ug/l
RT: 7.359 min Scan# 2002
Delta R.T. 0.022 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Instrument :
MSVOA_N
ClientSampled :

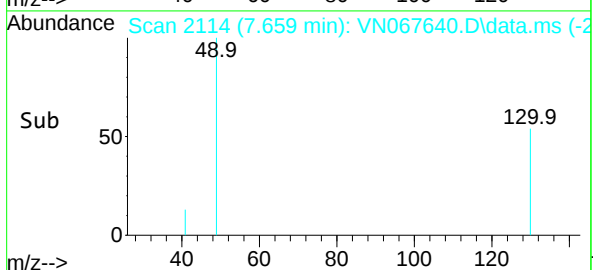
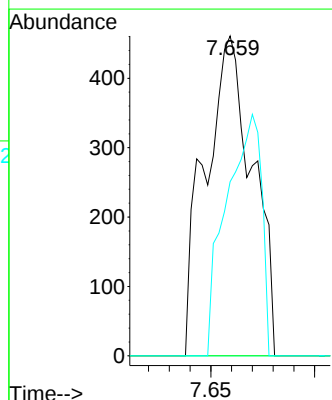
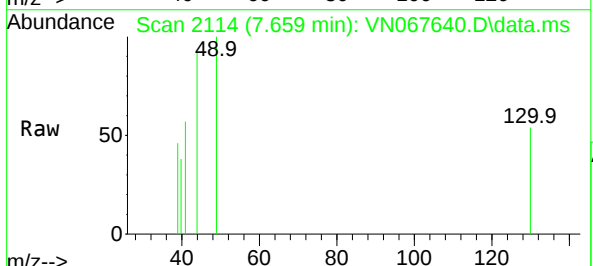


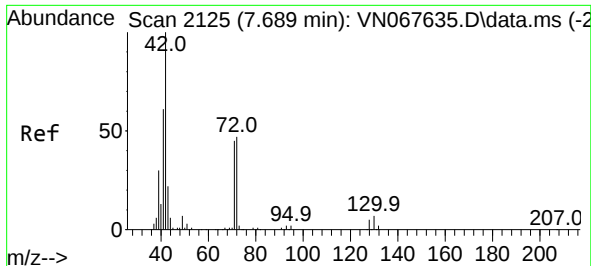
Tgt Ion: 43 Resp: 4288
Ion Ratio Lower Upper
43 100
72 22.0 19.7 29.5



#28
Bromochloromethane
Concen: 0.214 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 49 Resp: 732
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 56.0 49.7 74.5





#29

Tetrahydrofuran

Concen: 0.213 ug/l

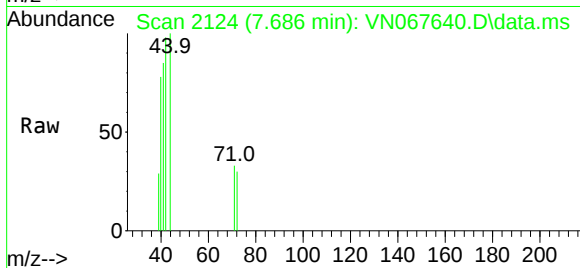
RT: 7.686 min Scan# 2124

Delta R.T. -0.003 min

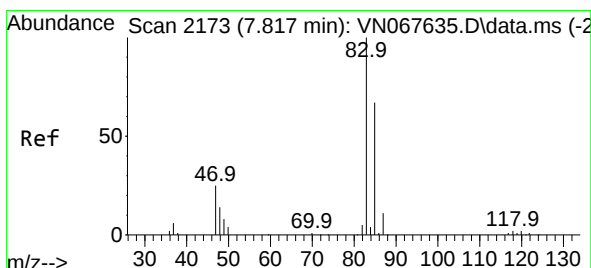
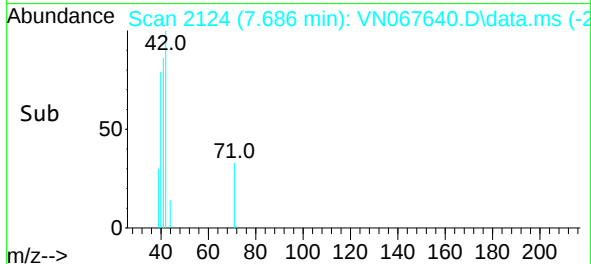
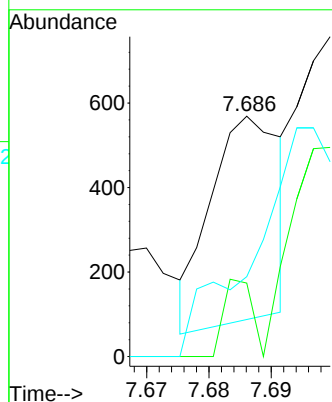
Lab File: VN067640.D

Acq: 7 Jul 2021 17:56

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	42	Resp:	375
Ion Ratio	Lower	Upper	
42	100		
72	15.2	32.8	49.2#
71	0.0	31.2	46.8#



#30

Chloroform

Concen: 0.270 ug/l

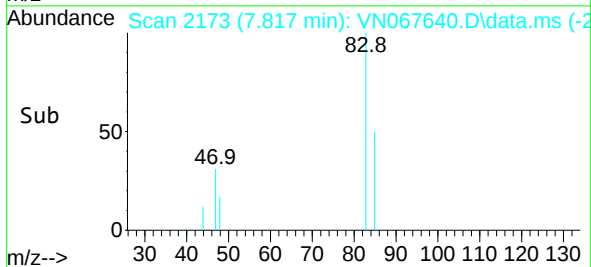
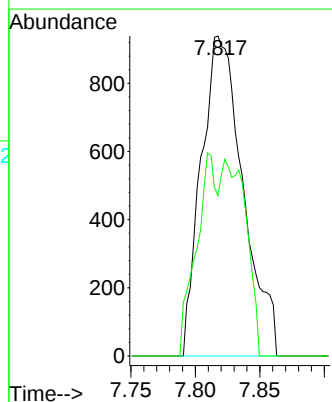
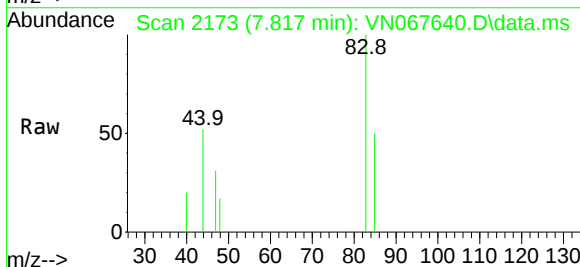
RT: 7.817 min Scan# 2173

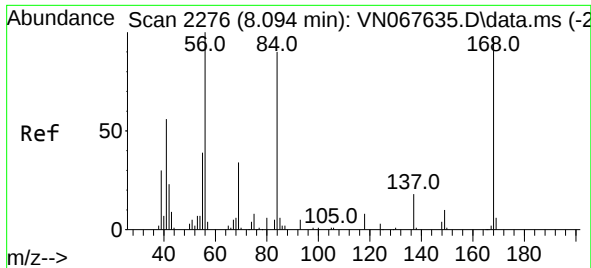
Delta R.T. 0.000 min

Lab File: VN067640.D

Acq: 7 Jul 2021 17:56

Tgt Ion:	83	Resp:	2123
Ion Ratio	Lower	Upper	
83	100		
85	50.2	51.5	77.3#

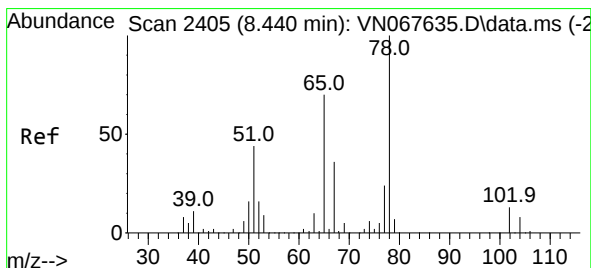
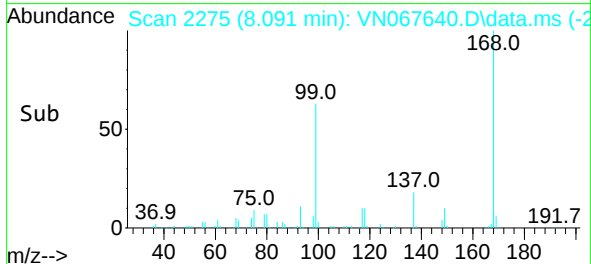
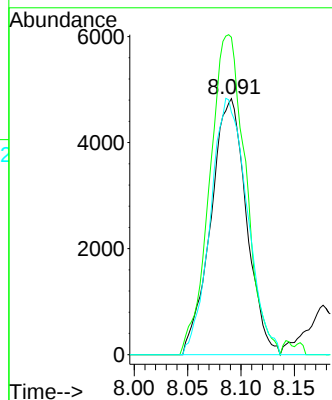
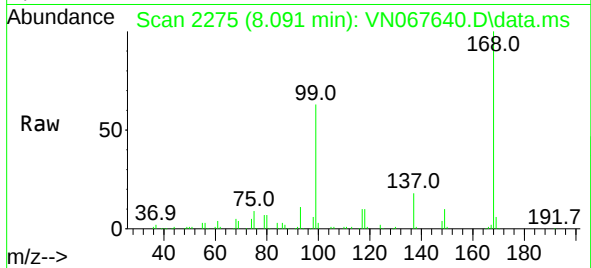




#31
Cyclohexane
Concen: 1.562 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

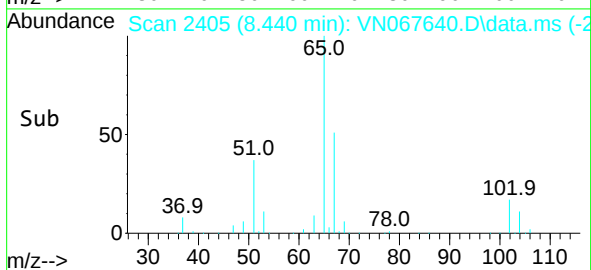
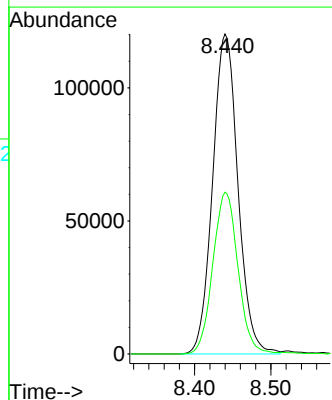
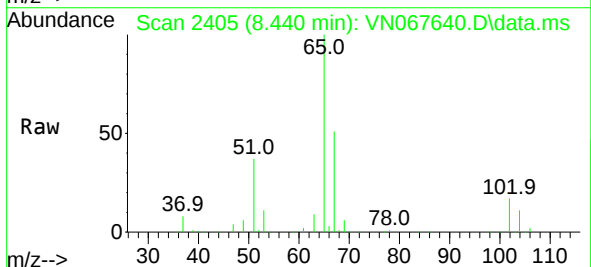
Instrument :
MSVOA_N
ClientSampleId :

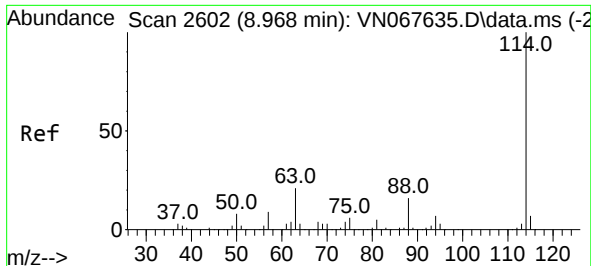
Tgt Ion: 56 Resp: 11194
Ion Ratio Lower Upper
56 100
69 124.0 27.3 40.9#
84 94.7 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 54.271 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 65 Resp: 277433
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.6

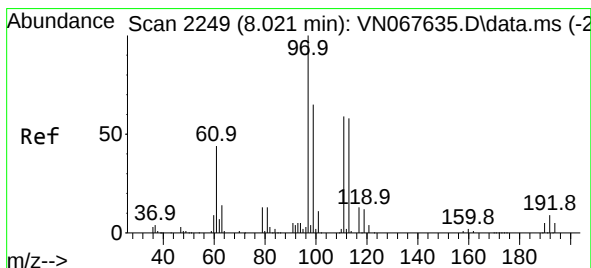
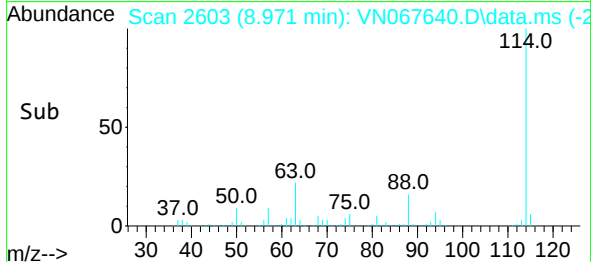
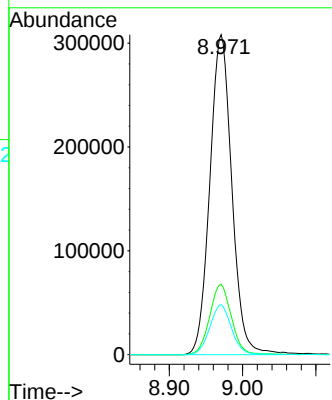
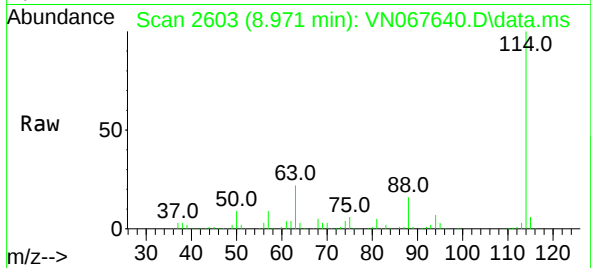




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

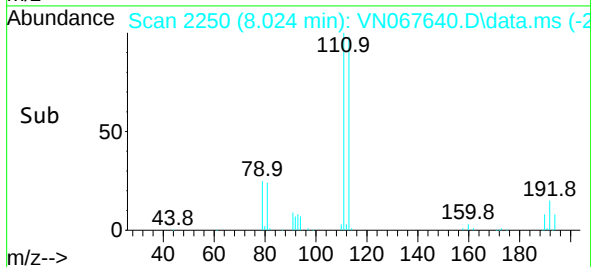
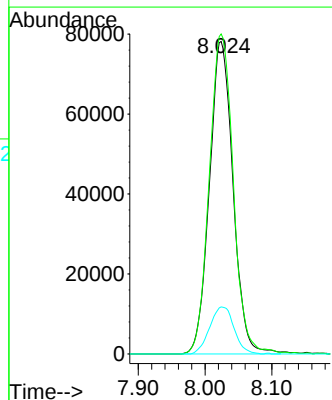
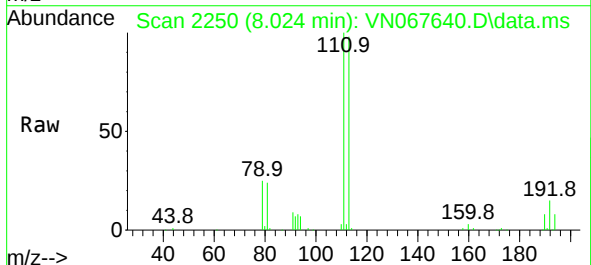
Instrument :
MSVOA_N
ClientSampled :

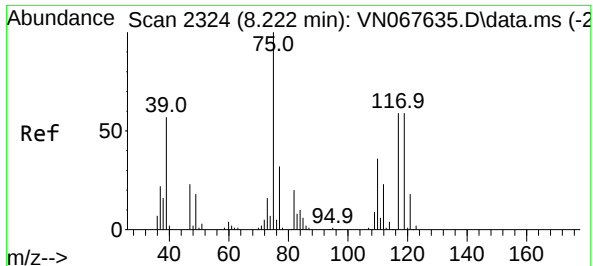
Tgt Ion:114 Resp: 641090
Ion Ratio Lower Upper
114 100
63 21.9 0.0 49.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.481 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion:113 Resp: 191656
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.8
192 15.6 13.4 20.0

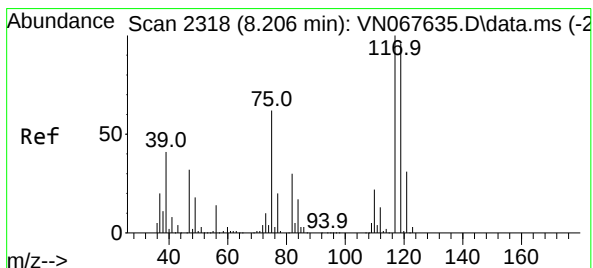
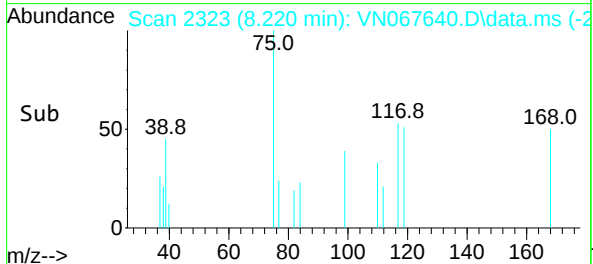
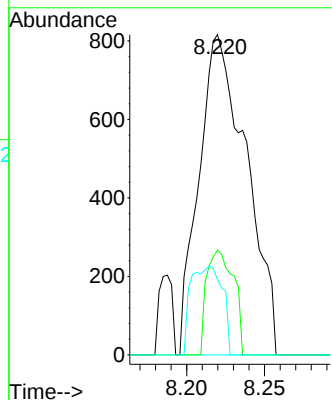
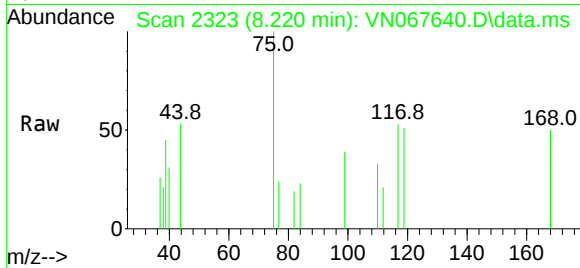




#36
1,1-Dichloropropene
Concen: 0.291 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

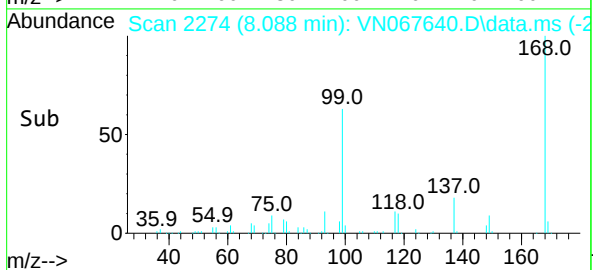
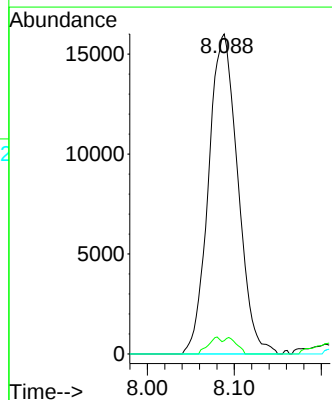
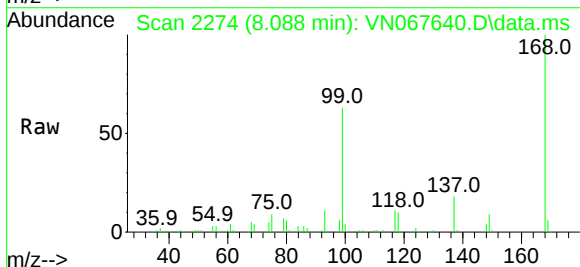
Instrument :
MSVOA_N
ClientSampleId :

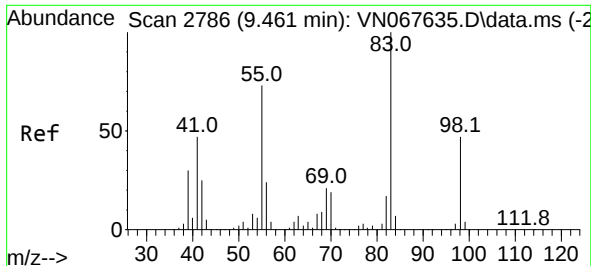
Tgt Ion: 75 Resp: 1732
Ion Ratio Lower Upper
75 100
110 18.5 15.7 47.0
77 18.4 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 117 Resp: 37358
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.2#
121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 0.221 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VN067640.D

Acq: 7 Jul 2021 17:56

Tgt Ion: 83 Resp: 1438

Ion Ratio Lower Upper

83 100

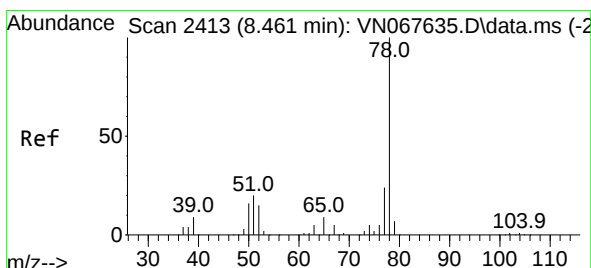
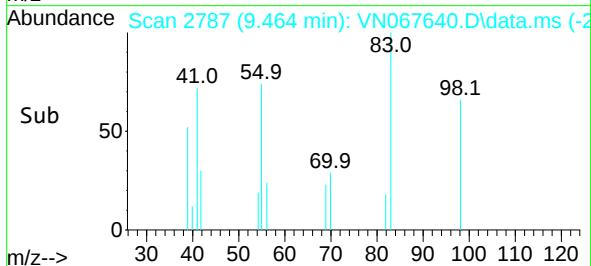
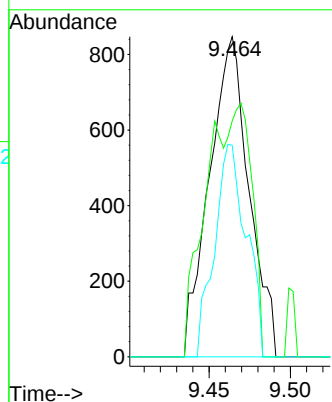
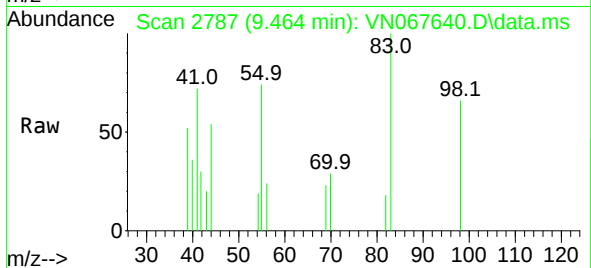
55 73.7 66.6 99.8

98 66.1 35.3 52.9#

Instrument :

MSVOA_N

ClientSampleId :



#40

Benzene

Concen: 0.247 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN067640.D

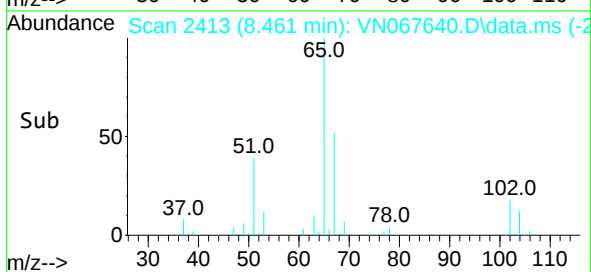
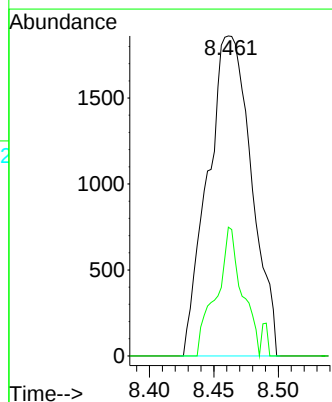
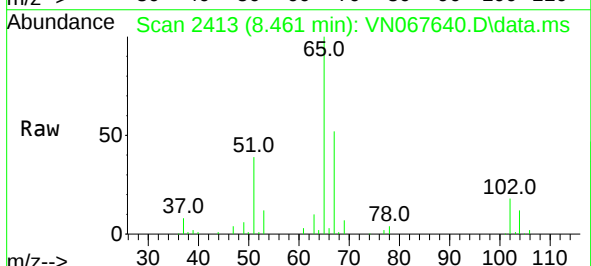
Acq: 7 Jul 2021 17:56

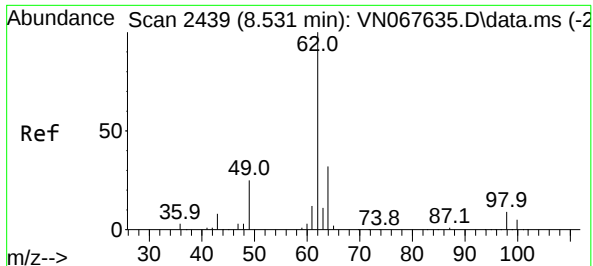
Tgt Ion: 78 Resp: 4399

Ion Ratio Lower Upper

78 100

77 40.2 18.9 28.3#





#42

1,2-Dichloroethane

Concen: 0.337 ug/l

RT: 8.534 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VN067640.D

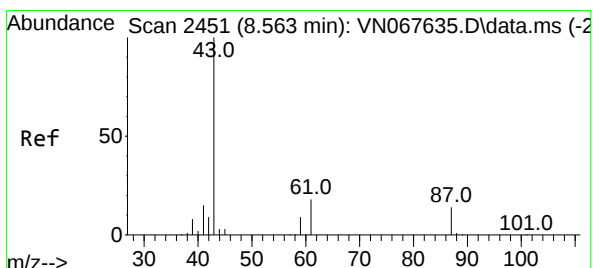
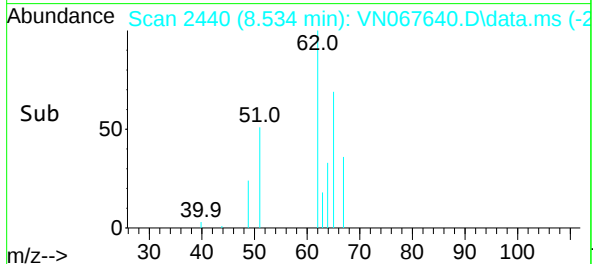
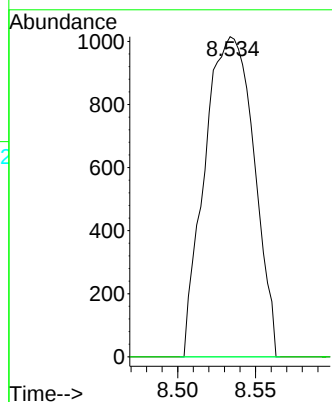
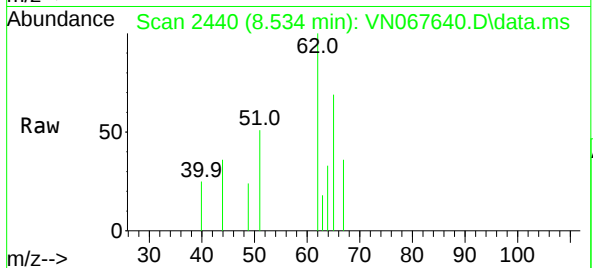
Acq: 7 Jul 2021 17:56

Tgt Ion: 62 Resp: 2230

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.2



#43

Isopropyl Acetate

Concen: 0.260 ug/l

RT: 8.571 min Scan# 2454

Delta R.T. 0.008 min

Lab File: VN067640.D

Acq: 7 Jul 2021 17:56

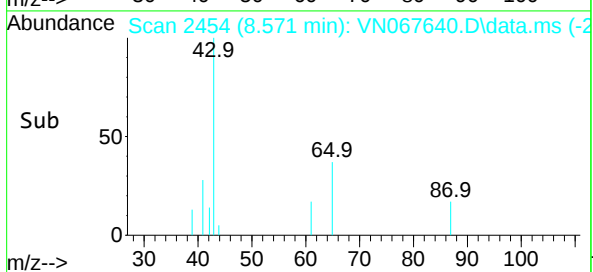
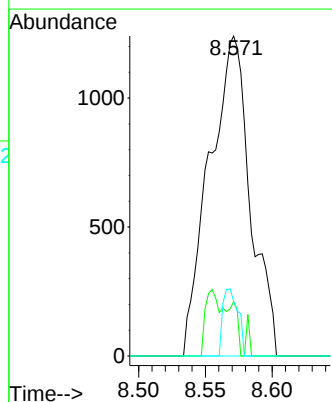
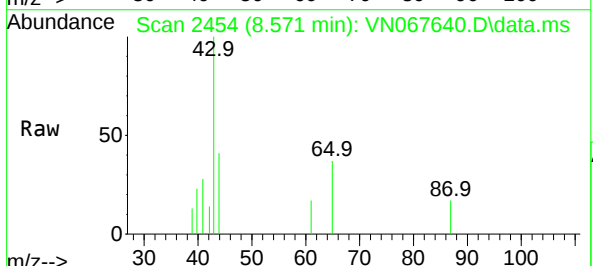
Tgt Ion: 43 Resp: 2643

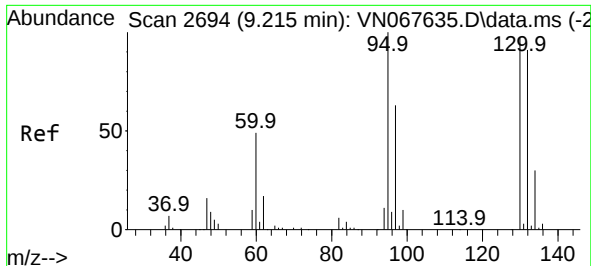
Ion Ratio Lower Upper

43 100

61 8.7 19.0 28.4#

87 7.8 9.5 14.3#

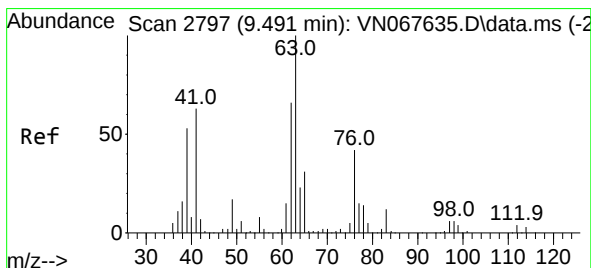
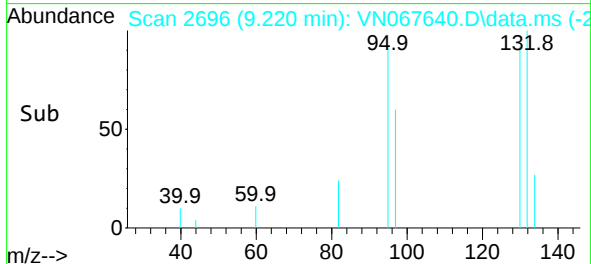
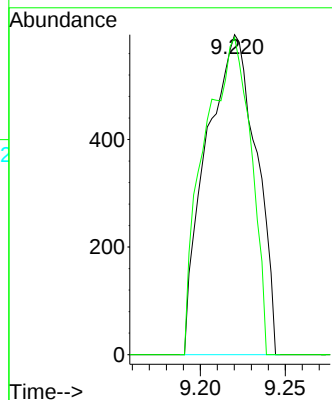
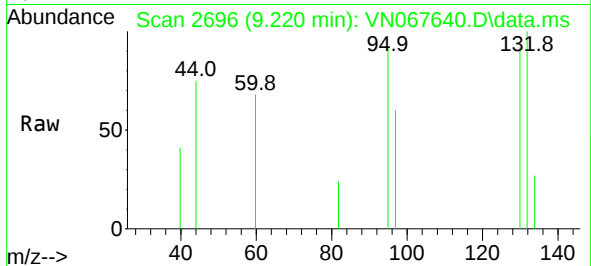




#44
Trichloroethene
Concen: 0.269 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.005 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

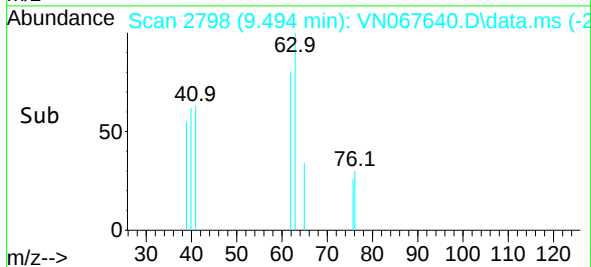
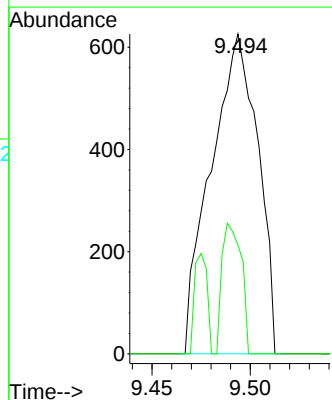
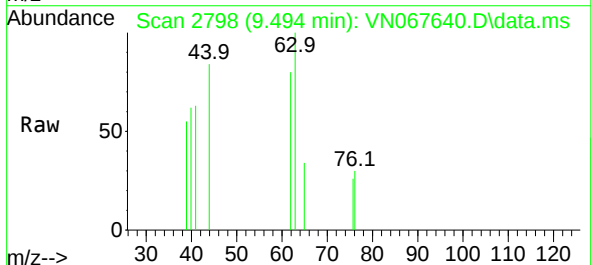
Instrument :
MSVOA_N
ClientSampled :

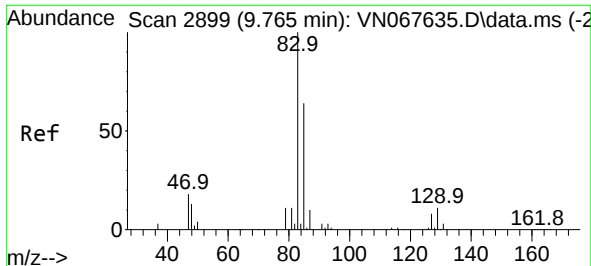
Tgt Ion:130 Resp: 1217
Ion Ratio Lower Upper
130 100
95 99.2 0.0 234.4



#45
1,2-Dichloropropane
Concen: 0.230 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 63 Resp: 1036
Ion Ratio Lower Upper
63 100
65 34.0 24.3 36.5

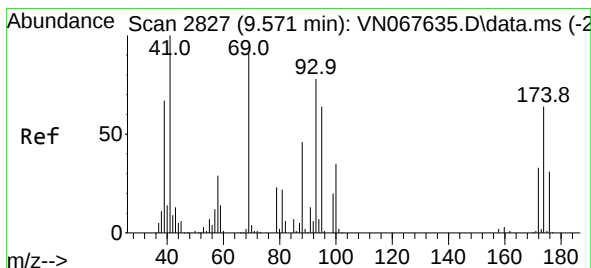
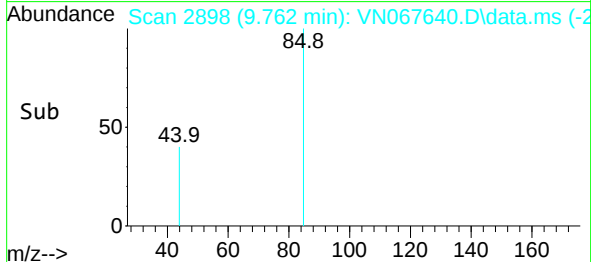
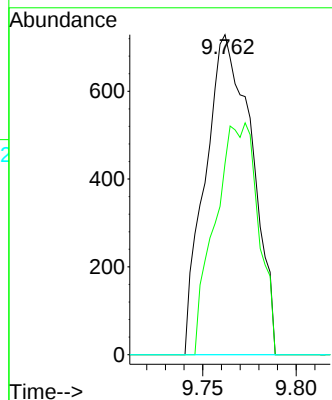
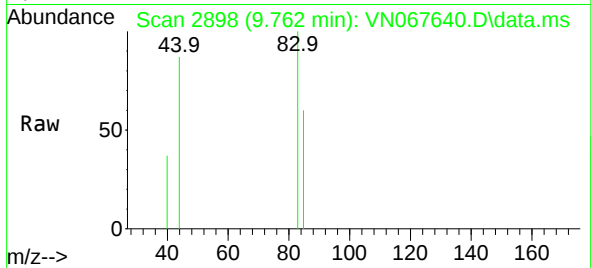




#47
Bromodichloromethane
Concen: 0.202 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

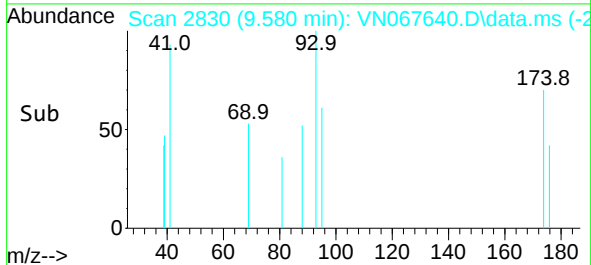
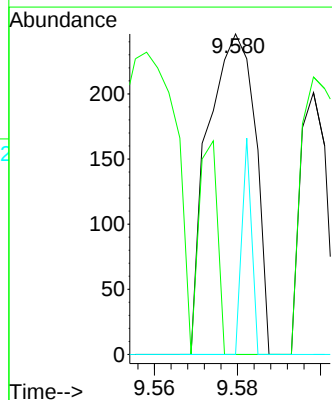
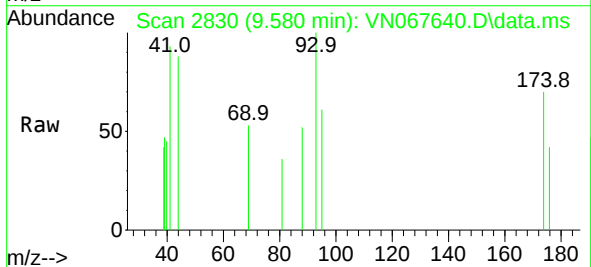
Instrument :
MSVOA_N
ClientSampleId :

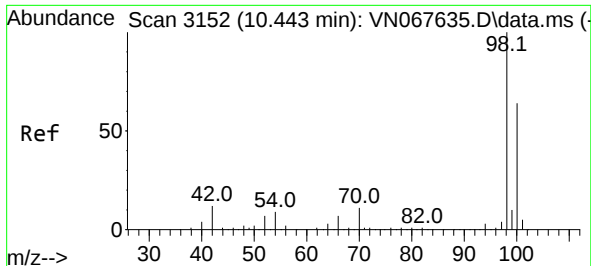
Tgt Ion: 83 Resp: 1264
Ion Ratio Lower Upper
83 100
85 59.7 49.9 74.9
127 0.0 6.1 9.1#



#49
1,4-Dioxane
Concen: 2.493 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.009 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 88 Resp: 194
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 13.9 60.4 90.6#

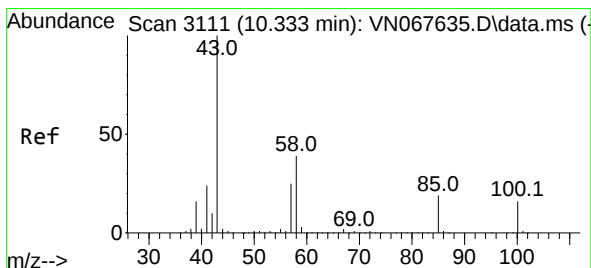
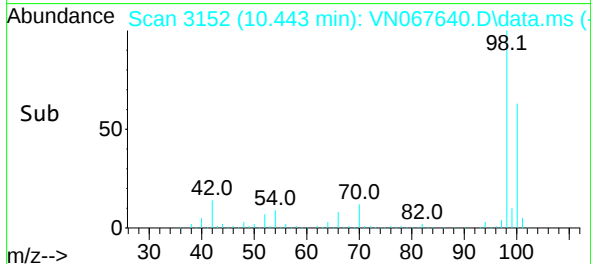
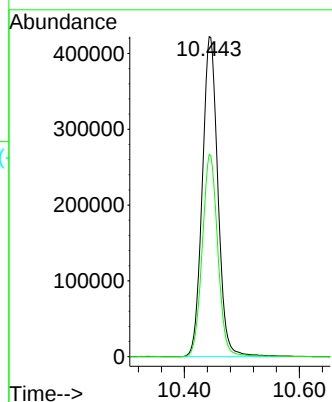
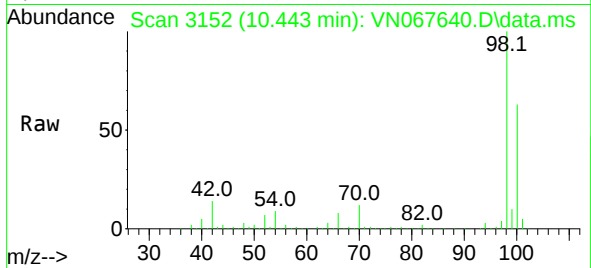




#50
Toluene-d8
Concen: 49.060 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

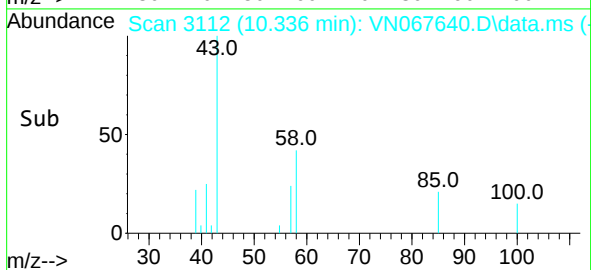
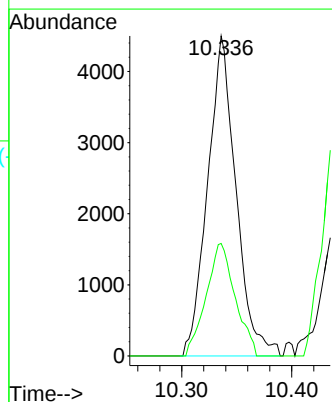
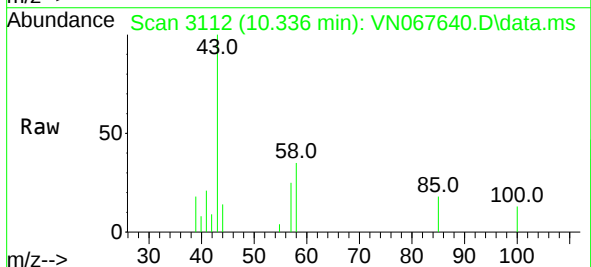
Instrument :
MSVOA_N
ClientSampled :

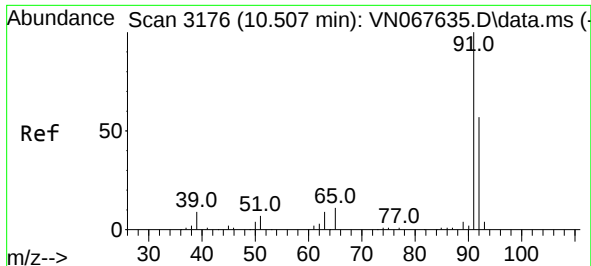
Tgt Ion: 98 Resp: 795396
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.294 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 43 Resp: 8066
Ion Ratio Lower Upper
43 100
58 35.9 28.6 43.0

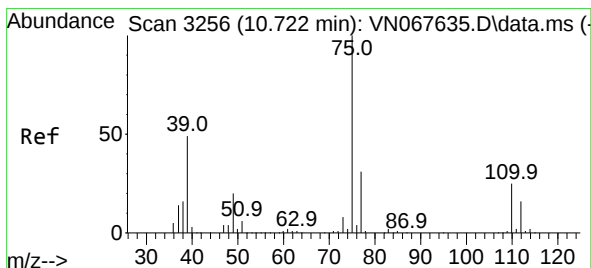
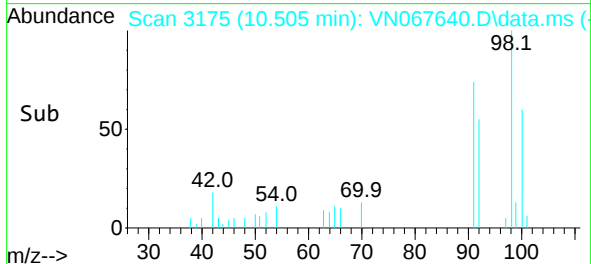
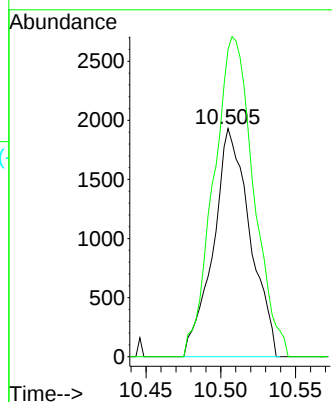
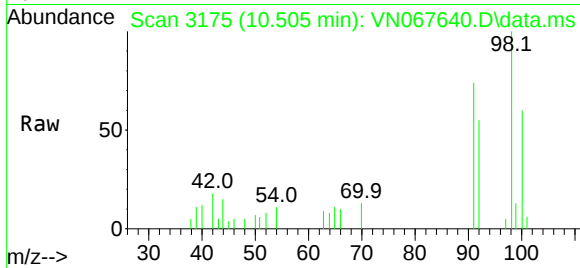




#52
Toluene
Concen: 0.282 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

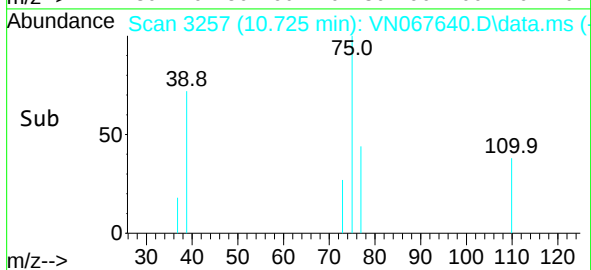
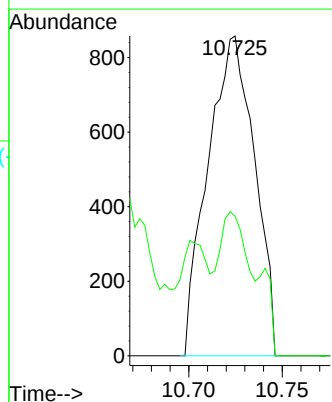
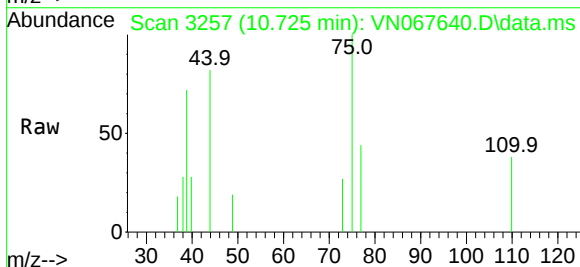
Instrument :
MSVOA_N
ClientSampled :

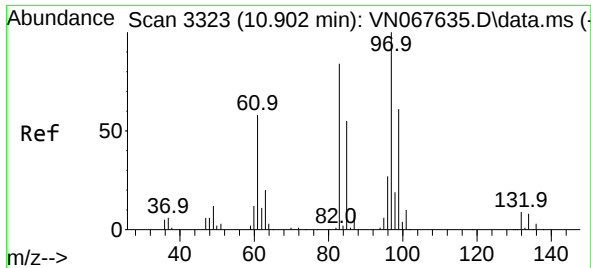
Tgt Ion: 92 Resp: 3297
Ion Ratio Lower Upper
92 100
91 152.8 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 0.232 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

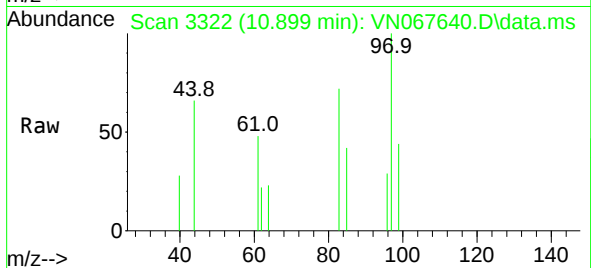
Tgt Ion: 75 Resp: 1490
Ion Ratio Lower Upper
75 100
77 43.7 25.1 37.7#





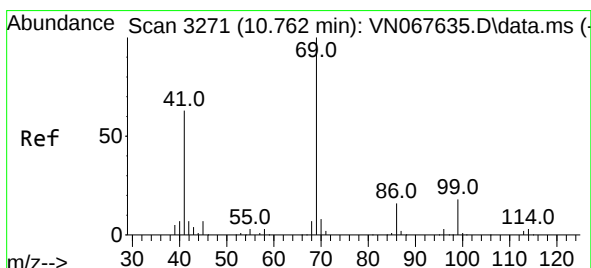
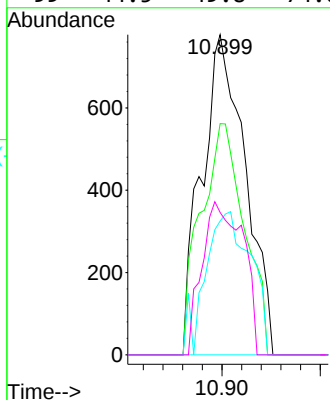
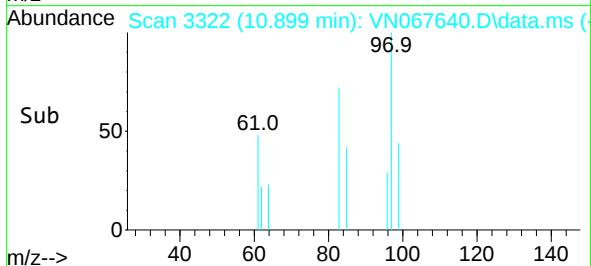
#55
1,1,2-Trichloroethane
Concen: 0.268 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Instrument :
MSVOA_N
ClientSampleId :

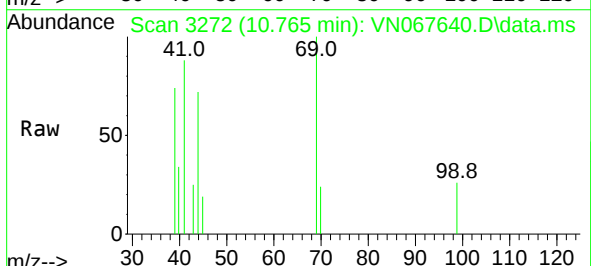


Tgt Ion: 97 Resp: 1198

Ion	Ratio	Lower	Upper
97	100		
83	72.2	72.0	108.0
85	41.8	46.8	70.2#
99	44.5	49.8	74.6#

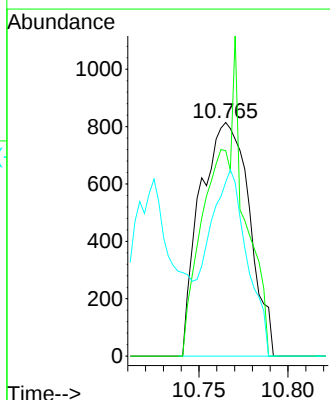
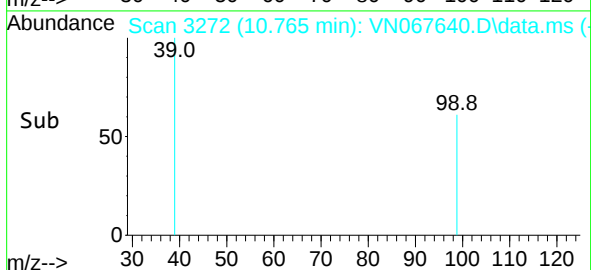


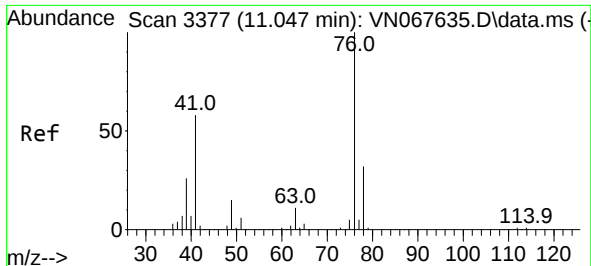
#56
Ethyl methacrylate
Concen: 0.227 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56



Tgt Ion: 69 Resp: 1563

Ion	Ratio	Lower	Upper
69	100		
41	89.6	58.6	88.0#
39	60.4	38.3	57.5#

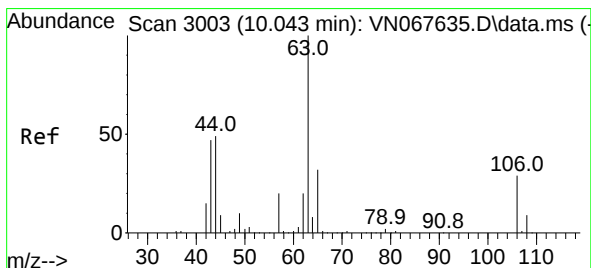
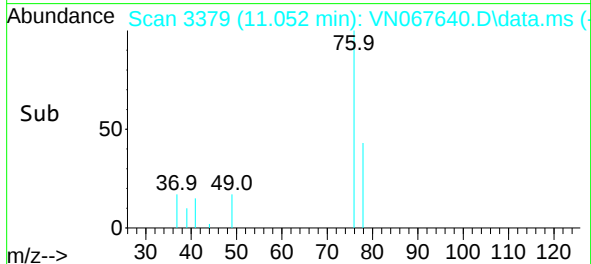
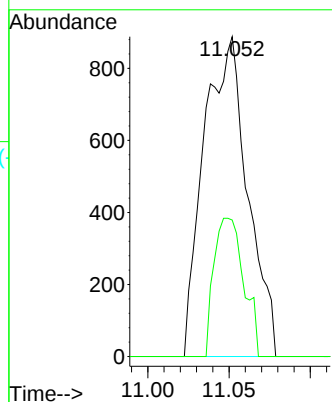
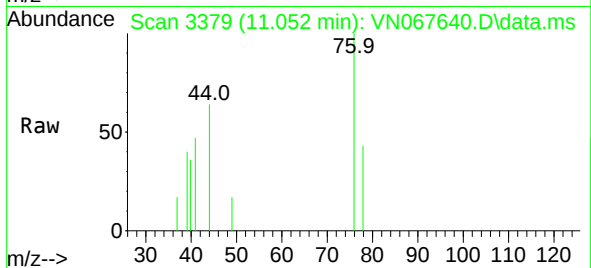




#57
1,3-Dichloropropane
Concen: 0.217 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. 0.005 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

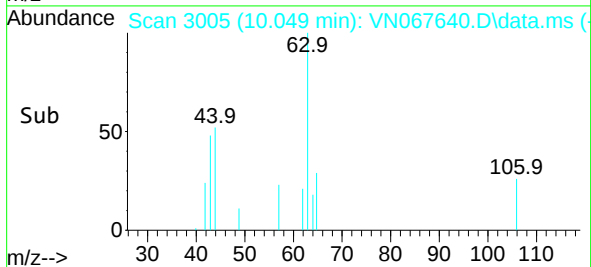
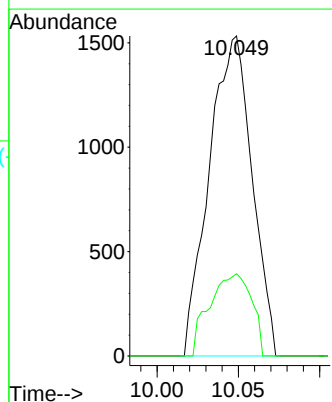
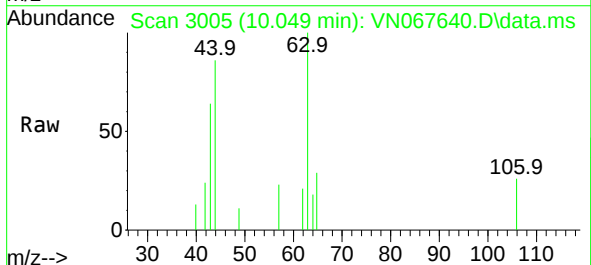
Instrument :
MSVOA_N
ClientSampled :

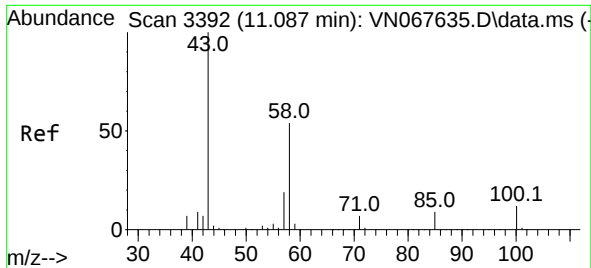
Tgt Ion: 76 Resp: 1663
Ion Ratio Lower Upper
76 100
78 29.3 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 1.965 ug/l
RT: 10.049 min Scan# 3005
Delta R.T. 0.006 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 63 Resp: 2809
Ion Ratio Lower Upper
63 100
106 25.2 19.8 29.8

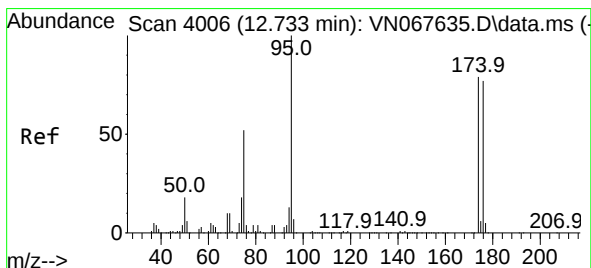
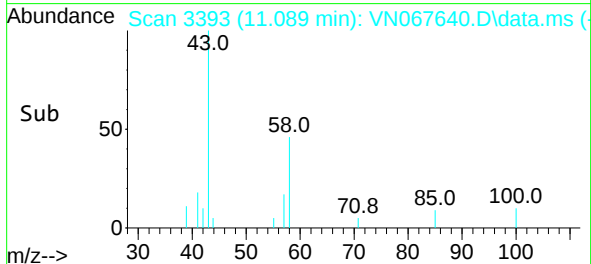
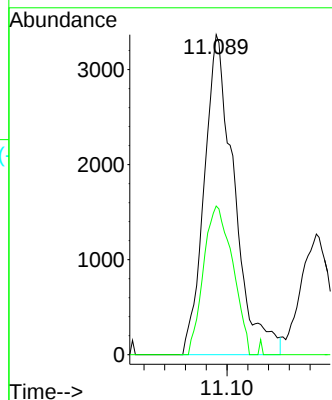
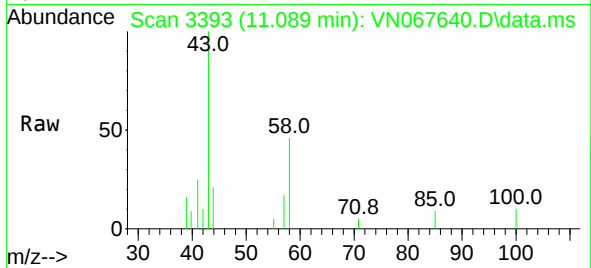




#59
2-Hexanone
Concen: 1.551 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

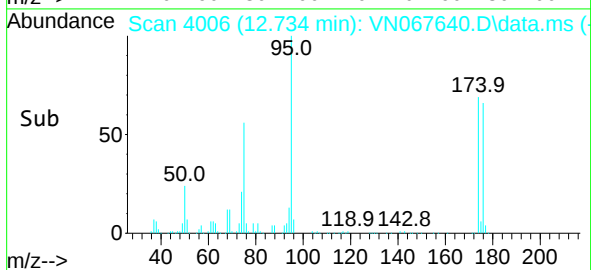
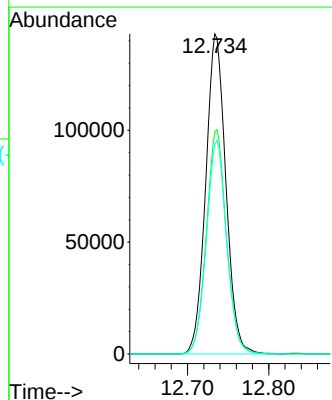
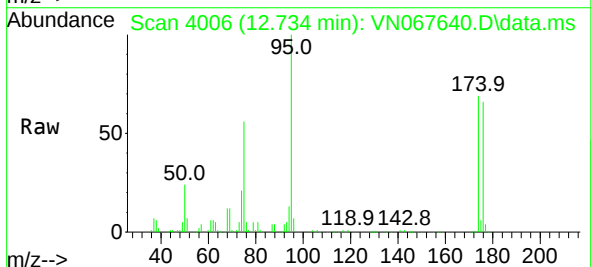
Instrument :
MSVOA_N
ClientSampleId :

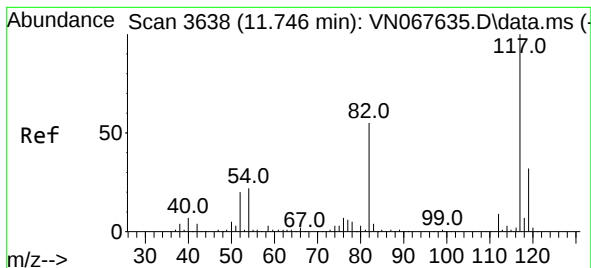
Tgt Ion: 43 Resp: 6749
Ion Ratio Lower Upper
43 100
58 45.1 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 42.946 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 95 Resp: 245964
Ion Ratio Lower Upper
95 100
174 69.9 0.0 122.0
176 67.2 0.0 117.6

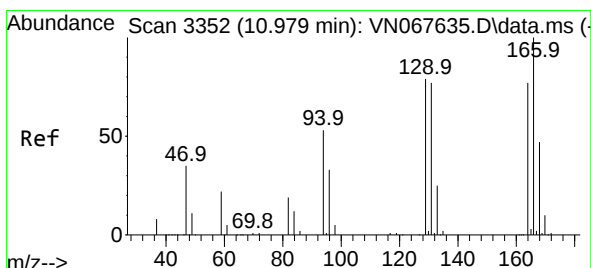
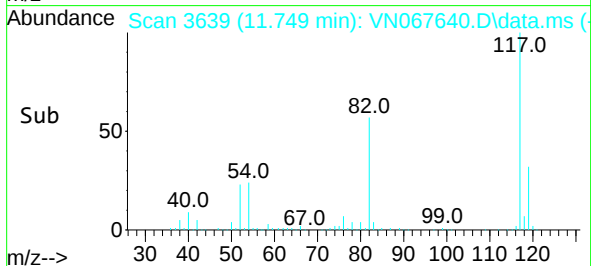
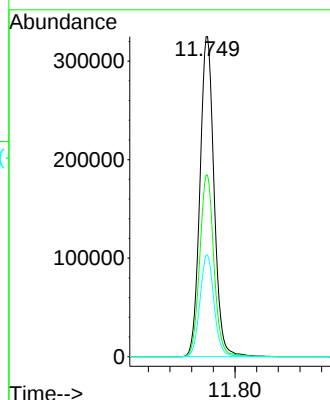
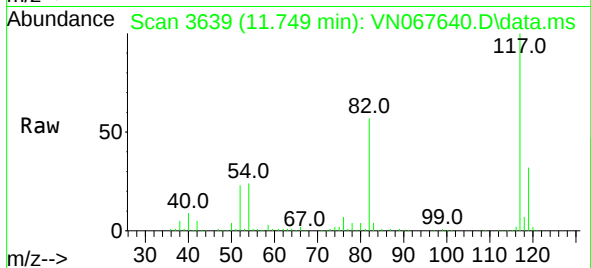




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

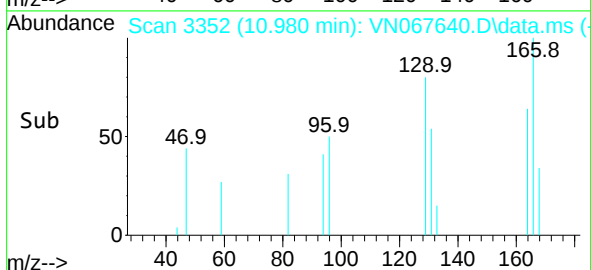
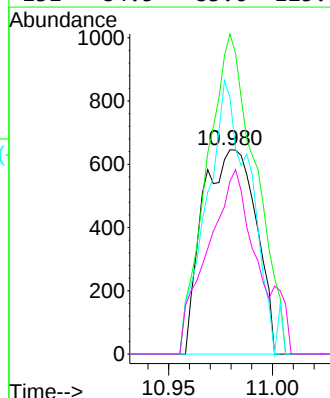
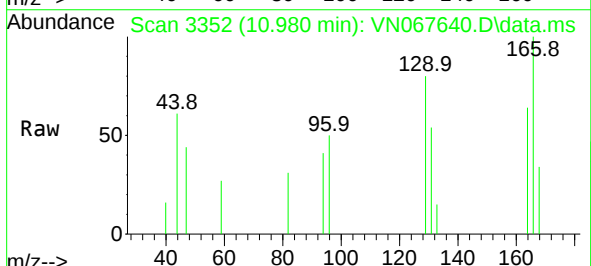
Instrument :
MSVOA_N
ClientSampleId :

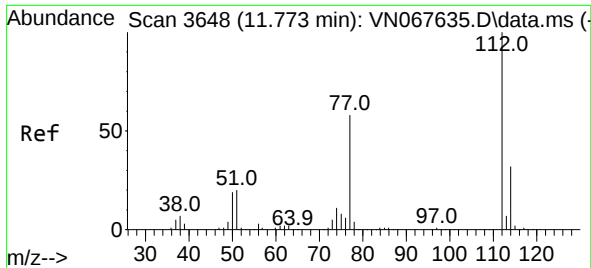
Tgt Ion:117 Resp: 588245
Ion Ratio Lower Upper
117 100
82 56.7 53.1 79.7
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.278 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion:164 Resp: 1153
Ion Ratio Lower Upper
164 100
166 156.7 102.1 153.1#
129 125.5 86.9 130.3
131 84.5 83.6 125.4

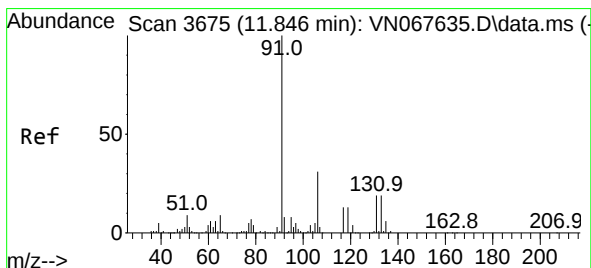
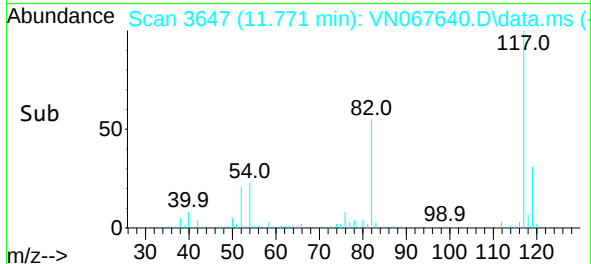
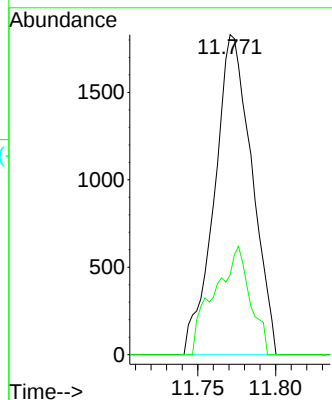
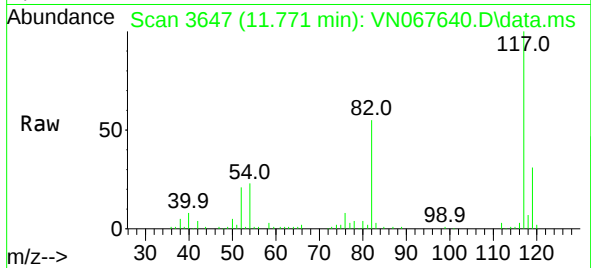




#65
Chlorobenzene
Concen: 0.252 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

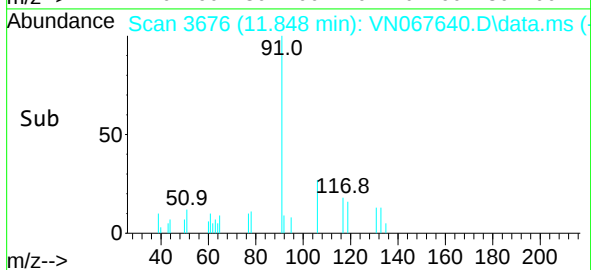
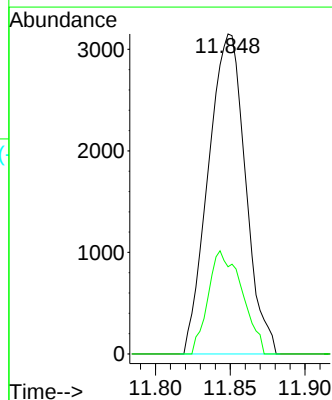
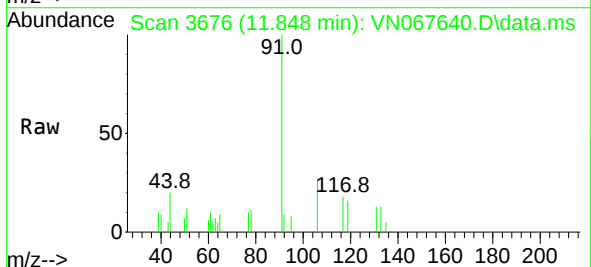
Instrument :
MSVOA_N
ClientSampleId :

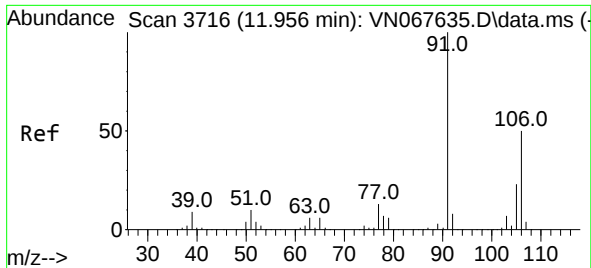
Tgt Ion:112 Resp: 3048
Ion Ratio Lower Upper
112 100
114 24.9 24.6 37.0



#67
Ethyl Benzene
Concen: 0.247 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 91 Resp: 5439
Ion Ratio Lower Upper
91 100
106 27.2 23.4 35.0

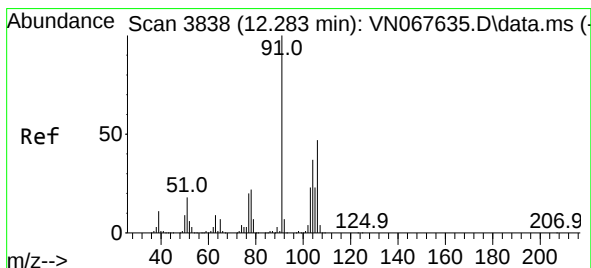
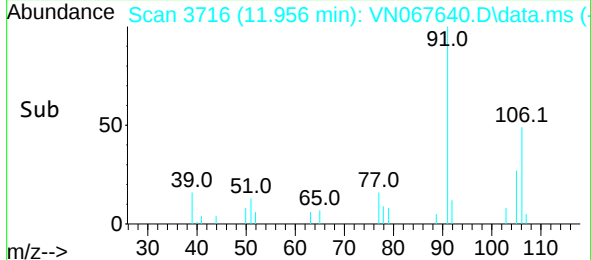
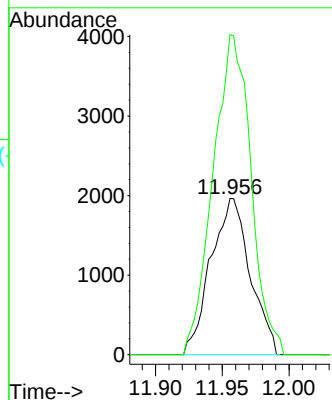
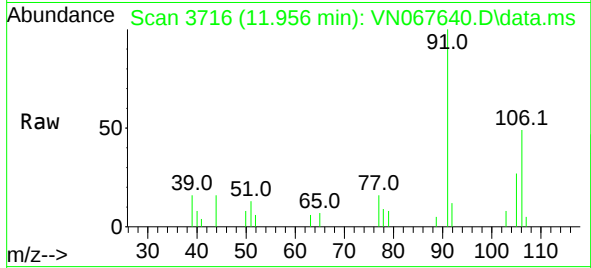




#68
m/p-Xylenes
Concen: 0.483 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

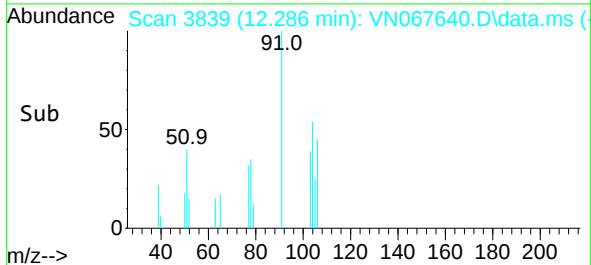
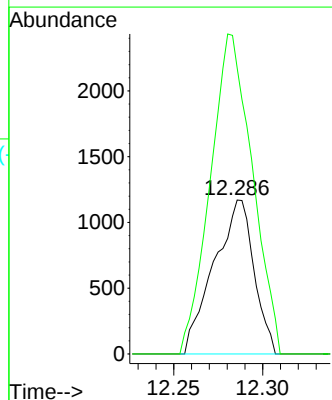
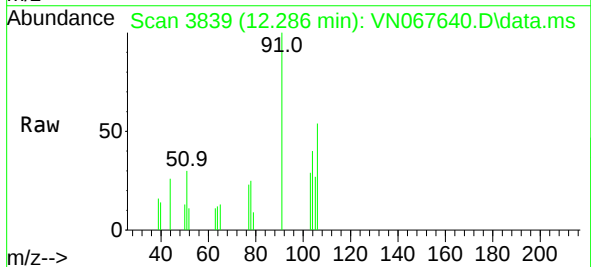
Instrument :
MSVOA_N
ClientSampleId :

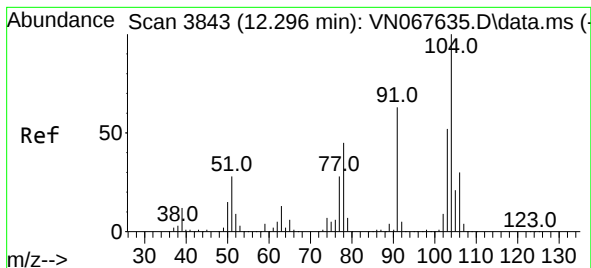
Tgt Ion:106 Resp: 4022
Ion Ratio Lower Upper
106 100
91 197.4 180.6 270.8



#69
o-Xylene
Concen: 0.224 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion:106 Resp: 1829
Ion Ratio Lower Upper
106 100
91 218.0 118.3 354.9





#70

Styrene

Concen: 0.233 ug/l

RT: 12.296 min Scan# 3843

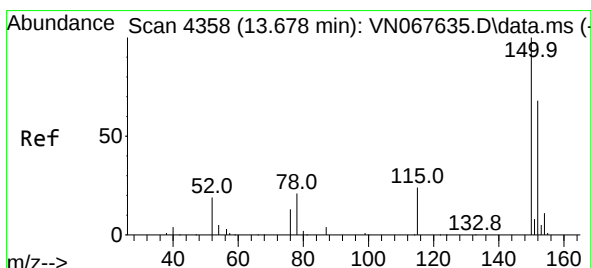
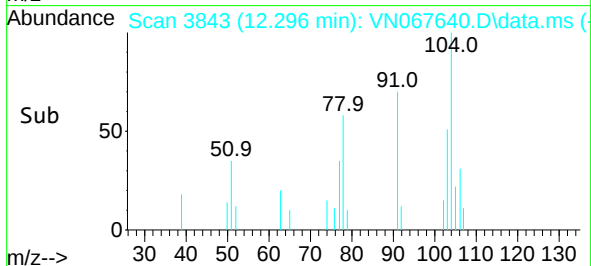
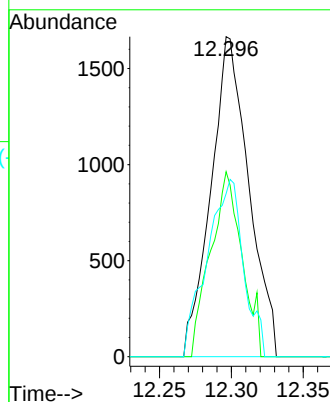
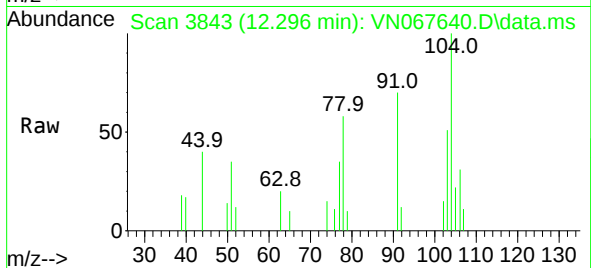
Delta R.T. 0.000 min

Lab File: VN067640.D

Acq: 7 Jul 2021 17:56

Tgt Ion:	104	Resp:	3045
Ion Ratio	Lower	Upper	
104	100		
78	48.0	48.2	72.2#
103	53.5	44.5	66.7

Instrument :
MSVOA_N
ClientSampled :



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

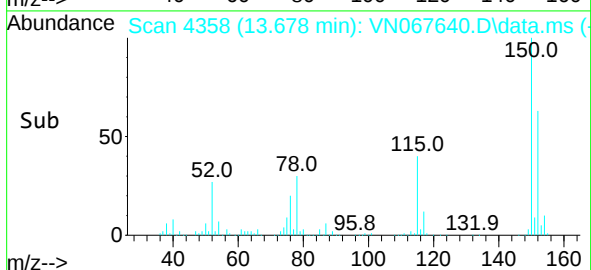
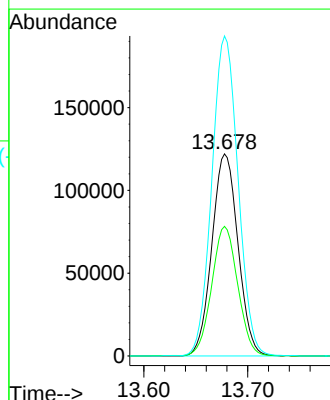
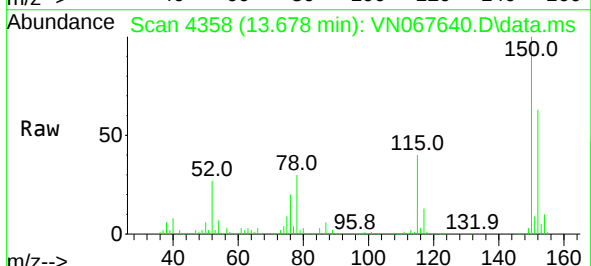
RT: 13.678 min Scan# 4358

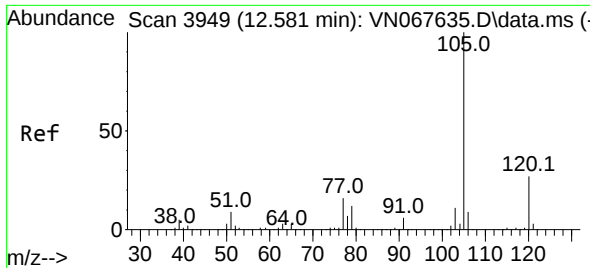
Delta R.T. 0.000 min

Lab File: VN067640.D

Acq: 7 Jul 2021 17:56

Tgt Ion:	152	Resp:	213306
Ion Ratio	Lower	Upper	
152	100		
115	63.9	36.1	108.5
150	158.7	0.0	351.8

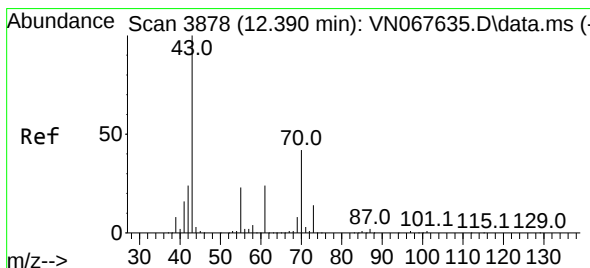
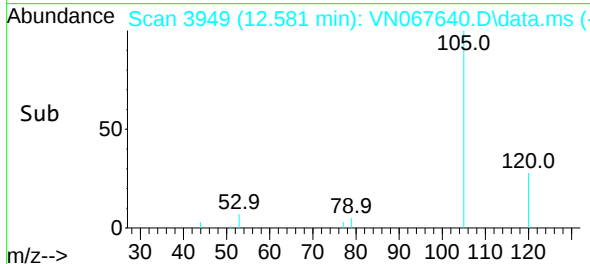
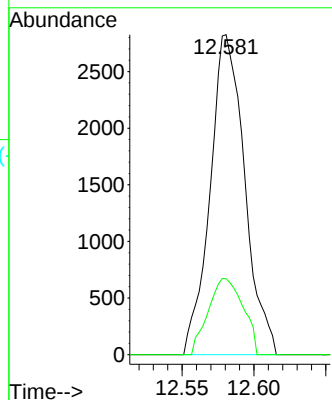
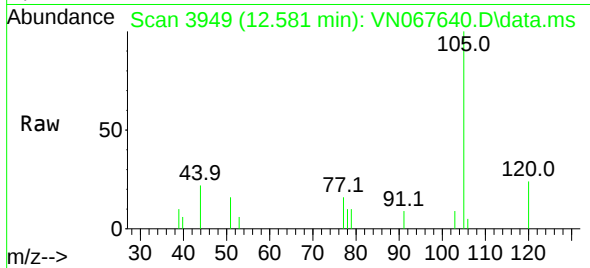




#73
Isopropylbenzene
Concen: 0.274 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

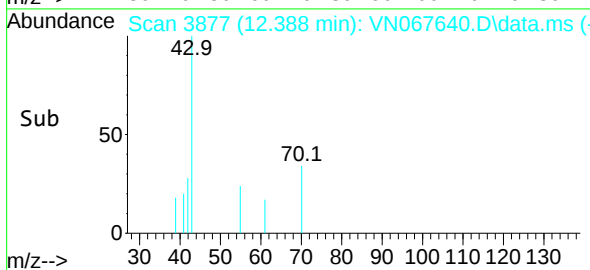
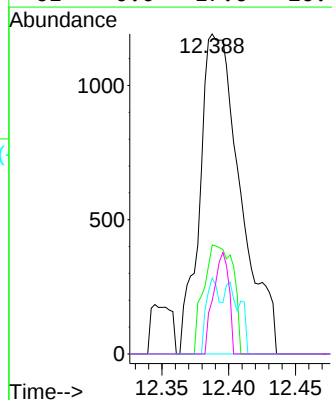
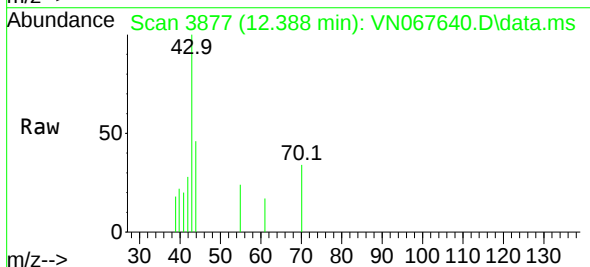
Instrument :
MSVOA_N
ClientSampled :

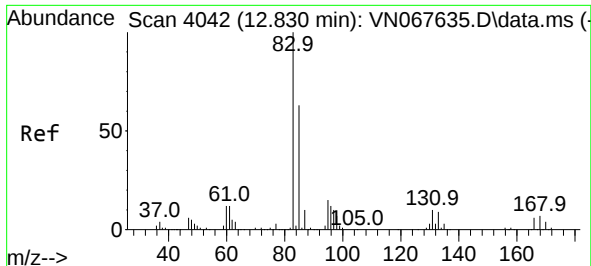
Tgt Ion:105 Resp: 4720
Ion Ratio Lower Upper
105 100
120 24.0 12.5 37.5



#74
N-ethyl acetate
Concen: 0.406 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
70 24.5 29.4 44.2#
55 8.4 17.0 25.4#
61 0.0 17.6 26.4#

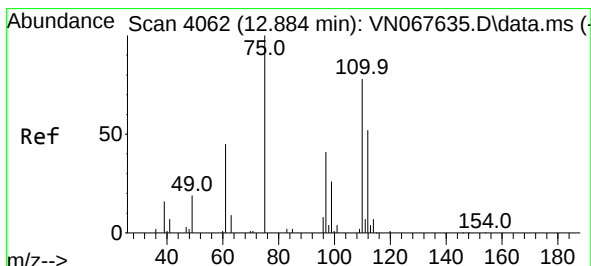
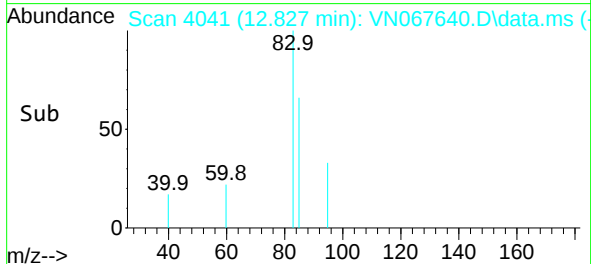
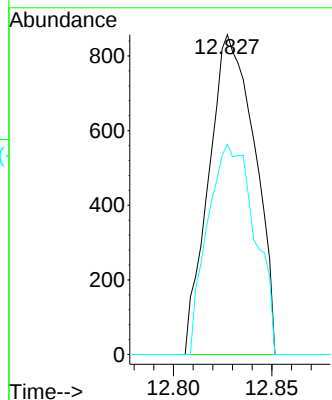
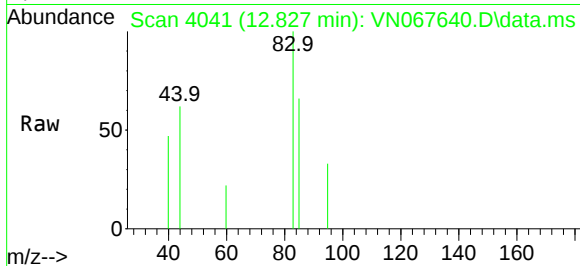




#75
1,1,2,2-Tetrachloroethane
Concen: 0.278 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

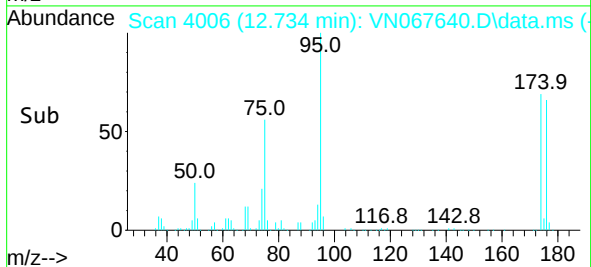
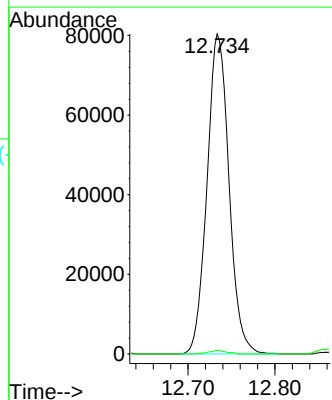
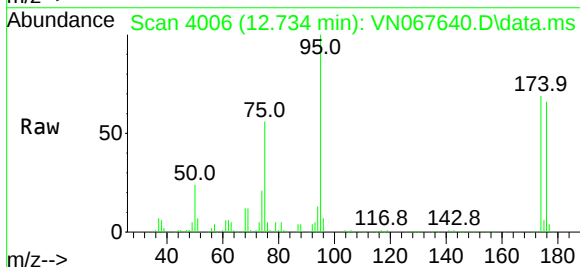
Instrument :
MSVOA_N
ClientSampleId :

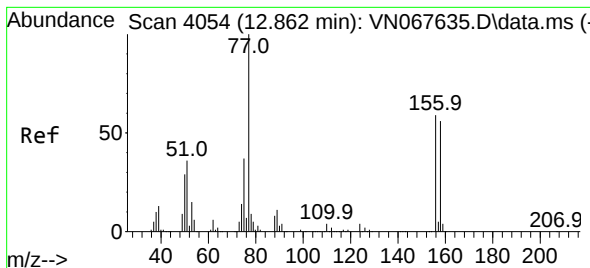
Tgt Ion: 83 Resp: 1390
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 67.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 32.388 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 75 Resp: 141087
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

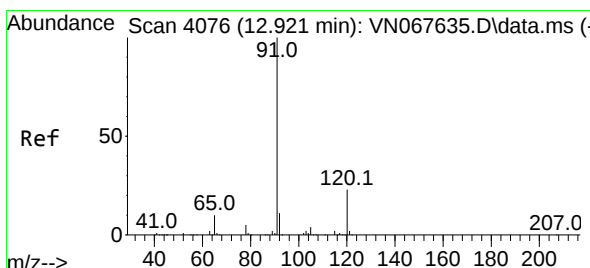
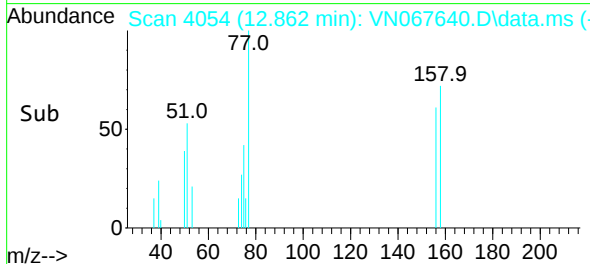
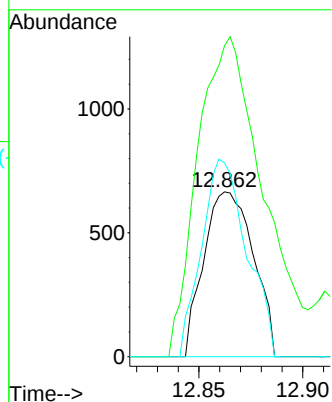
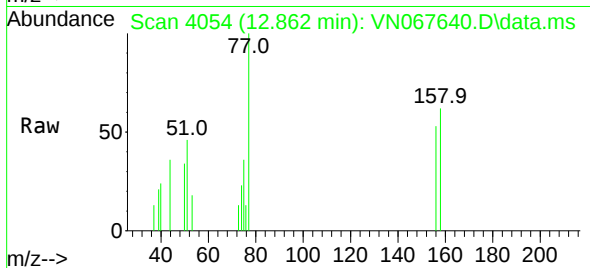




#77
Bromobenzene
Concen: 0.290 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

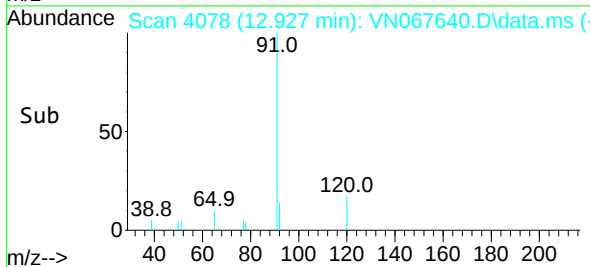
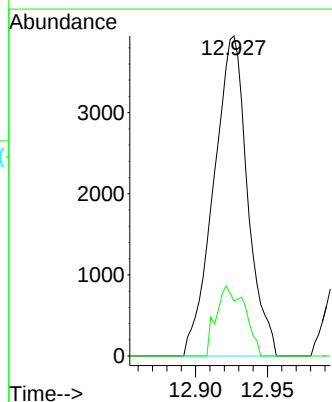
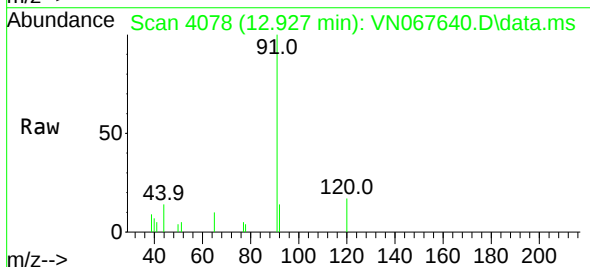
Instrument :
MSVOA_N
ClientSampled :

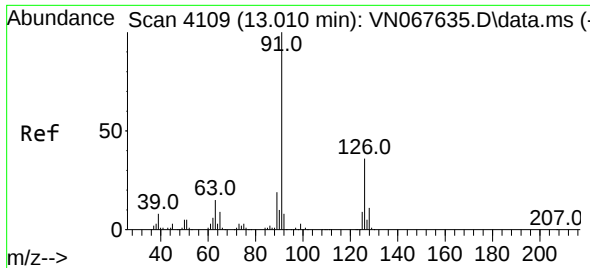
Tgt Ion:156 Resp: 1105
Ion Ratio Lower Upper
156 100
77 255.7 136.2 408.6
158 109.4 48.4 145.3



#78
n-propylbenzene
Concen: 0.332 ug/l
RT: 12.927 min Scan# 4078
Delta R.T. 0.006 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 91 Resp: 6458
Ion Ratio Lower Upper
91 100
120 18.4 10.4 31.4

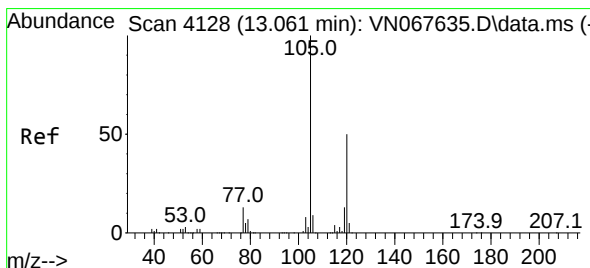
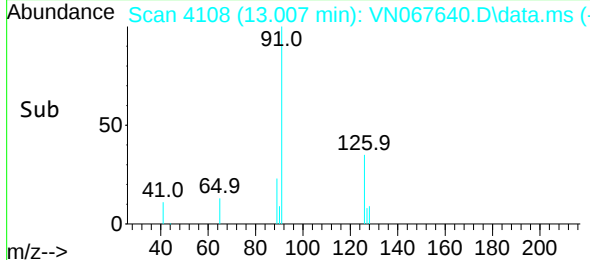
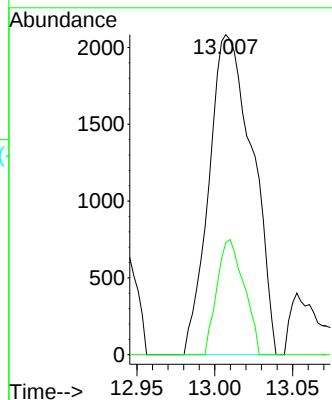
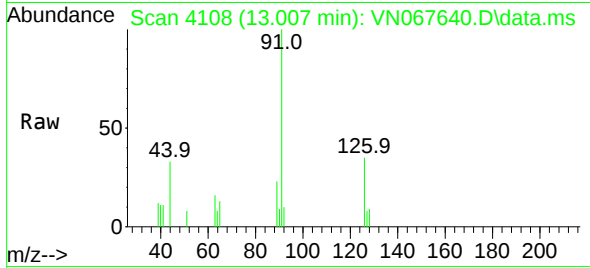




#79
2-Chlorotoluene
Concen: 0.343 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

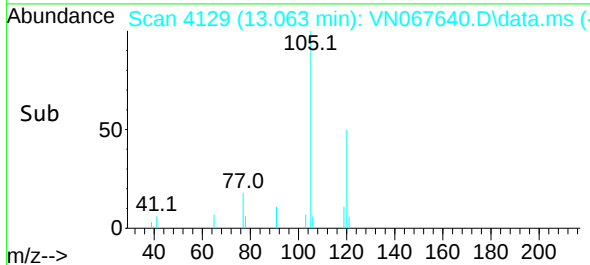
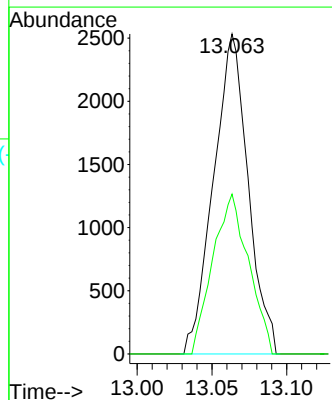
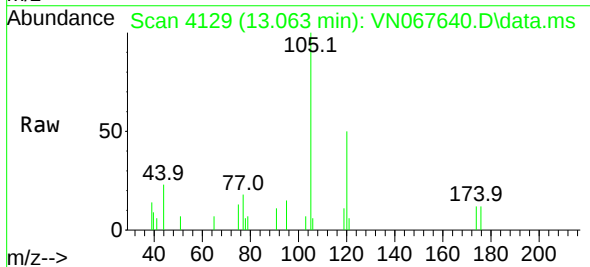
Instrument :
MSVOA_N
ClientSampleId :

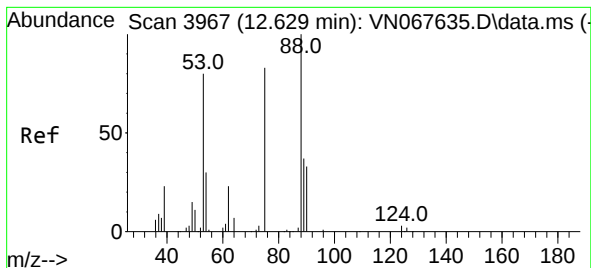
Tgt Ion: 91 Resp: 4038
Ion Ratio Lower Upper
91 100
126 22.4 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 0.292 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion: 105 Resp: 4067
Ion Ratio Lower Upper
105 100
120 51.8 22.2 66.6

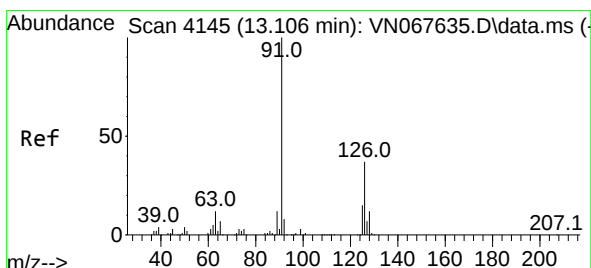
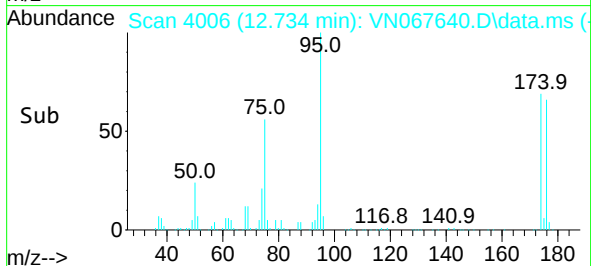
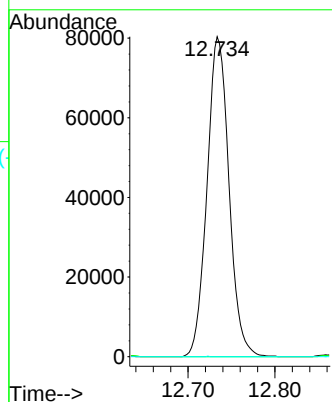
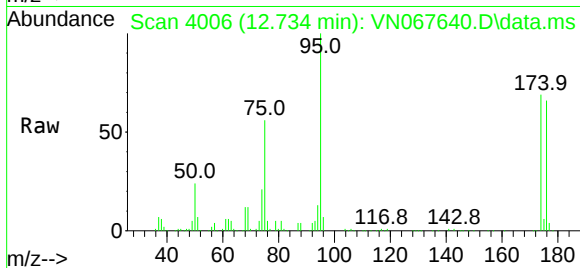




#81
trans-1,4-Dichloro-2-butene
Concen: 104.424 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

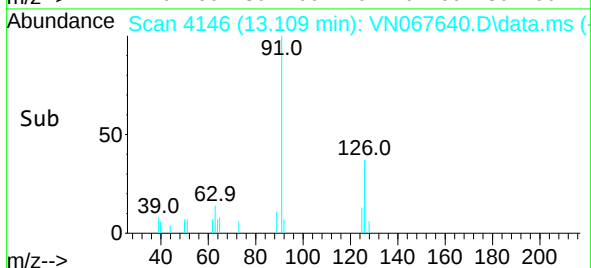
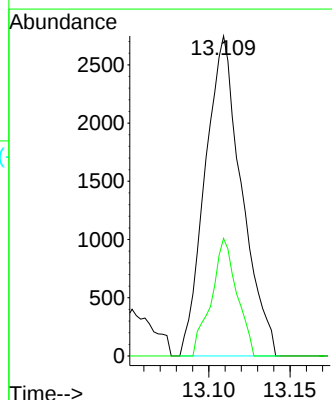
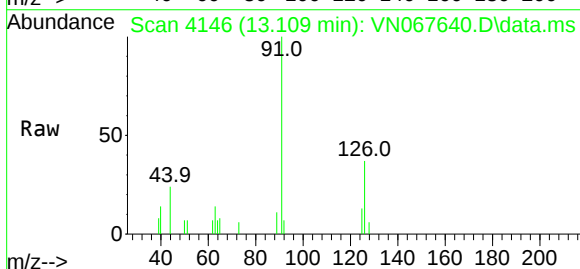
Instrument :
MSVOA_N
ClientSampled :

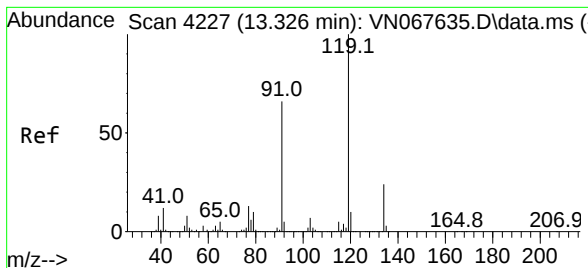
Tgt Ion: 75 Resp: 141087
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.369 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

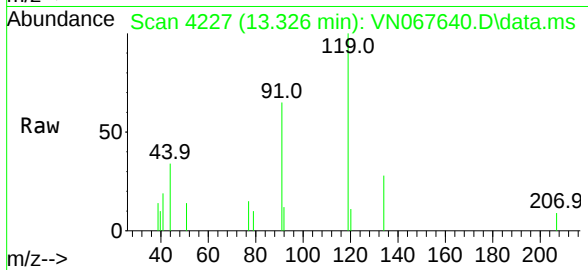
Tgt Ion: 91 Resp: 4289
Ion Ratio Lower Upper
91 100
126 25.6 14.8 44.4



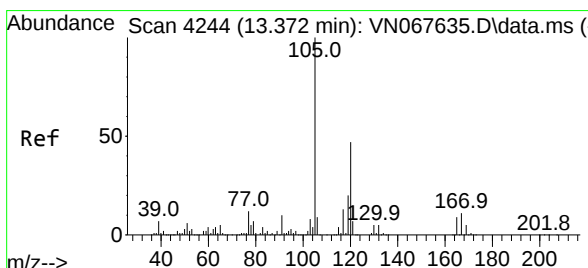
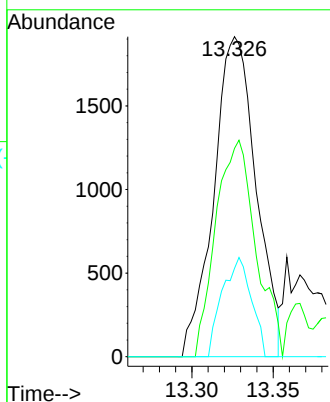
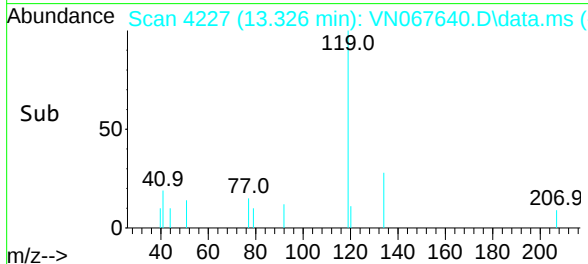


#83
tert-Butylbenzene
Concen: 0.292 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

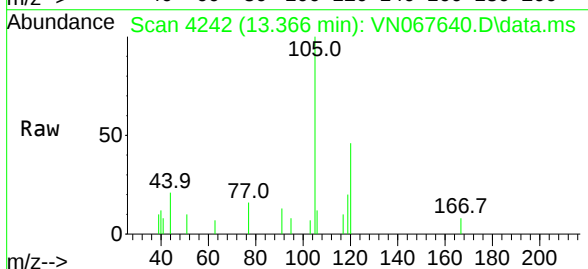
Instrument :
MSVOA_N
ClientSampled :



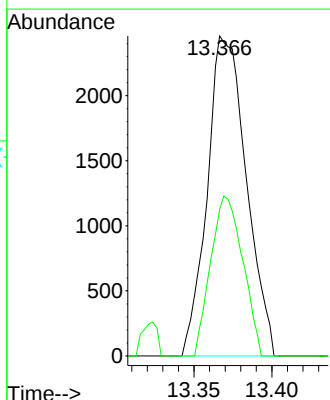
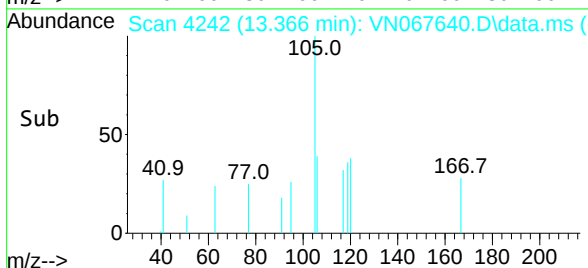
Tgt Ion:119 Resp: 3469
Ion Ratio Lower Upper
119 100
91 63.9 39.5 118.5
134 21.4 12.0 36.0

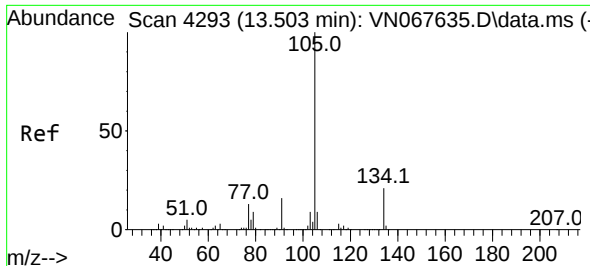


#84
1,2,4-Trimethylbenzene
Concen: 0.313 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.006 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56



Tgt Ion:105 Resp: 4277
Ion Ratio Lower Upper
105 100
120 41.0 20.6 61.8

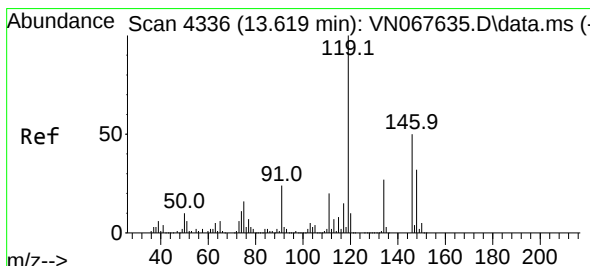
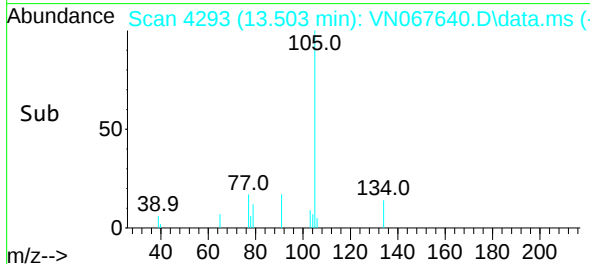
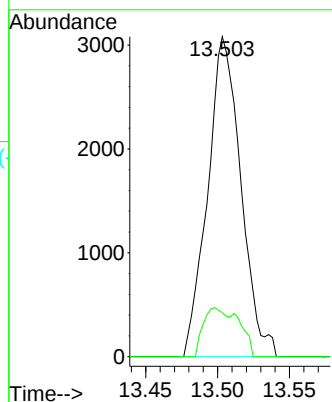
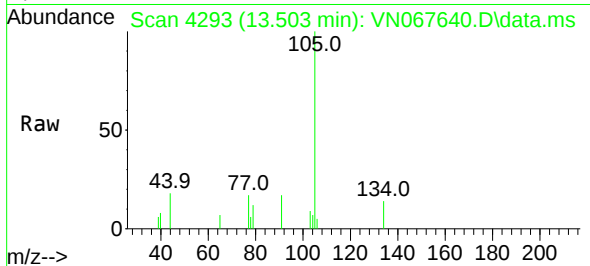




#85
 sec-Butylbenzene
 Concen: 0.301 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067640.D
 Acq: 7 Jul 2021 17:56

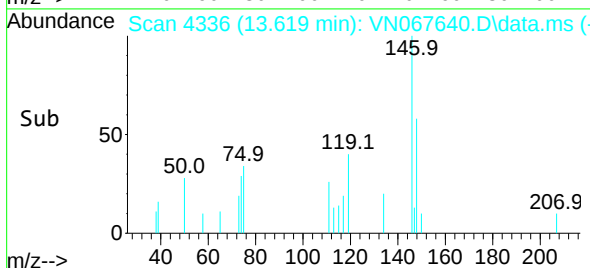
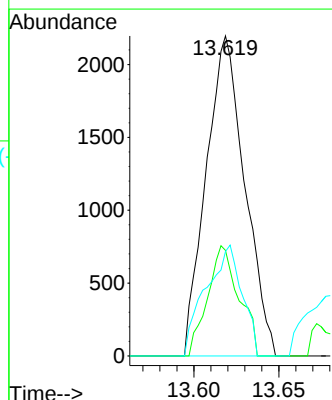
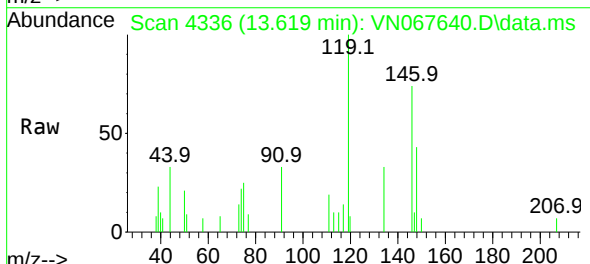
Instrument :
 MSVOA_N
 ClientSampled :

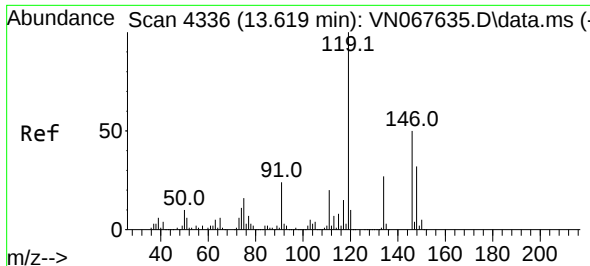
Tgt Ion:105 Resp: 4948
 Ion Ratio Lower Upper
 105 100
 134 16.4 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 0.261 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067640.D
 Acq: 7 Jul 2021 17:56

Tgt Ion:119 Resp: 3470
 Ion Ratio Lower Upper
 119 100
 134 28.0 12.4 37.4
 91 32.4 14.8 44.3





#87

1,3-Dichlorobenzene

Concen: 0.386 ug/l

RT: 13.619 min Scan# 4336

Delta R.T. -0.000 min

Lab File: VN067640.D

Acq: 7 Jul 2021 17:56

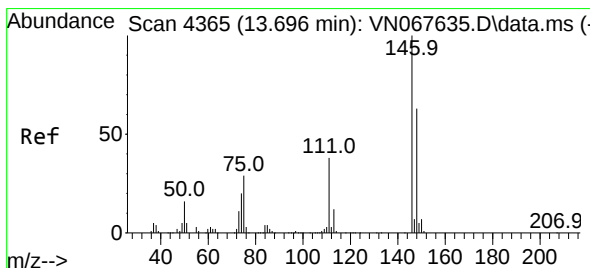
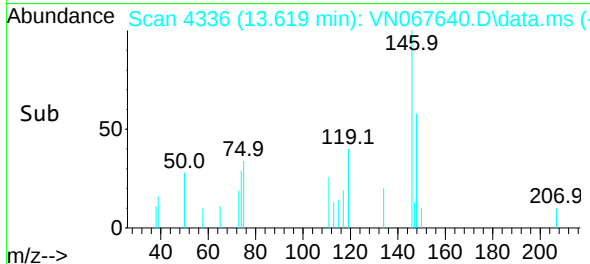
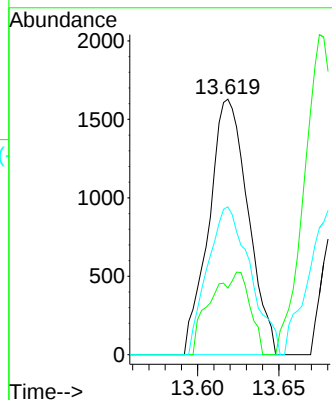
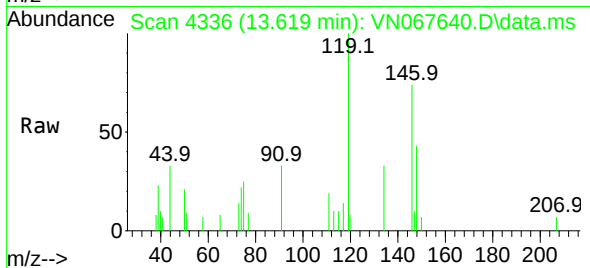
Tgt Ion:146 Resp: 2731

Ion Ratio Lower Upper

146 100

111 32.5 24.3 72.8

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.377 ug/l

RT: 13.619 min Scan# 4336

Delta R.T. -0.077 min

Lab File: VN067640.D

Acq: 7 Jul 2021 17:56

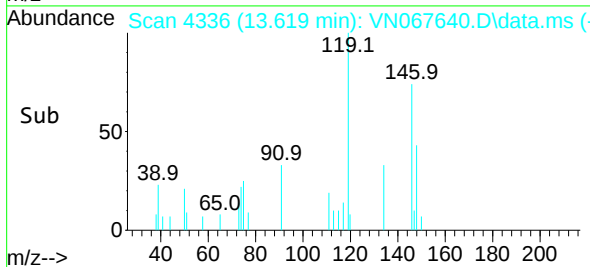
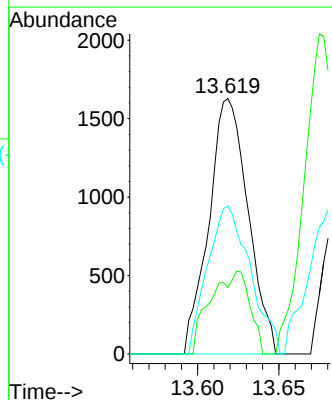
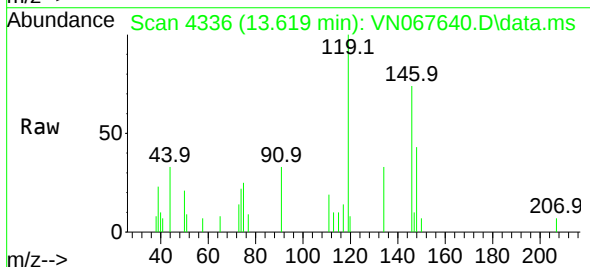
Tgt Ion:146 Resp: 2731

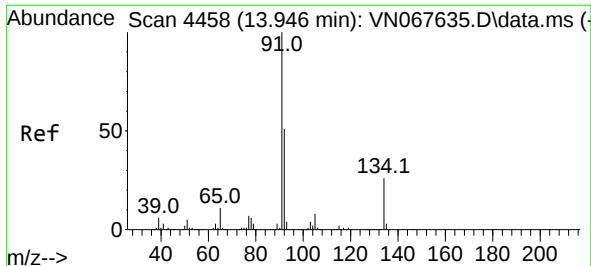
Ion Ratio Lower Upper

146 100

111 32.5 23.4 70.2

148 63.0 31.8 95.3

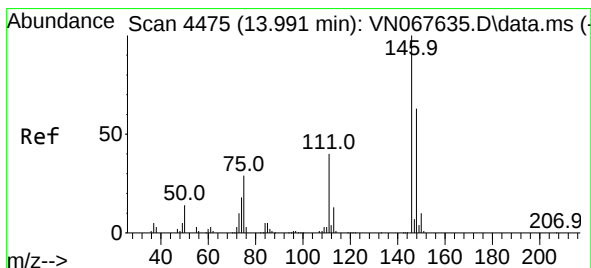
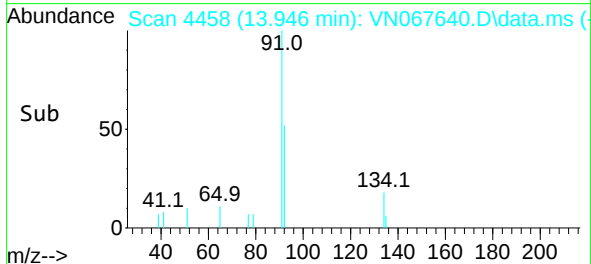
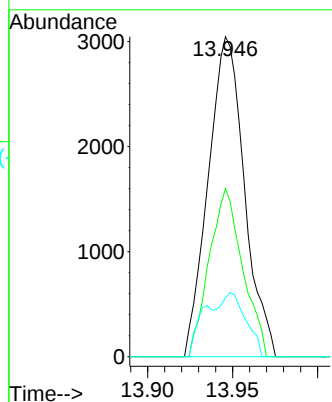
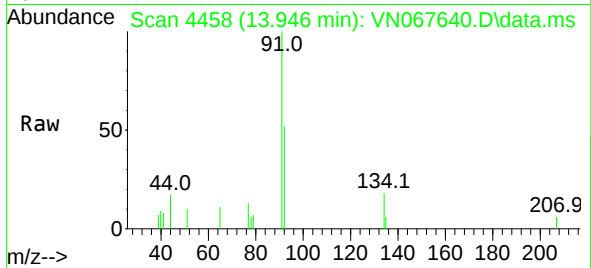




#89
n-Butylbenzene
Concen: 0.396 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

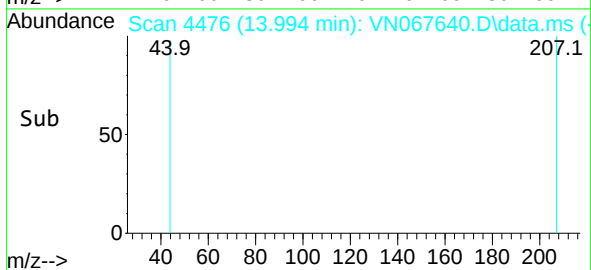
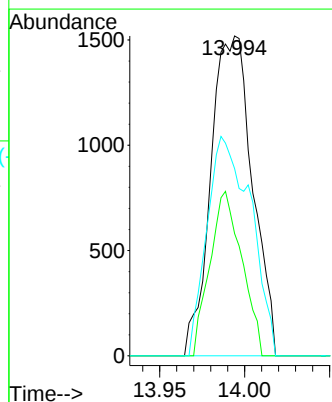
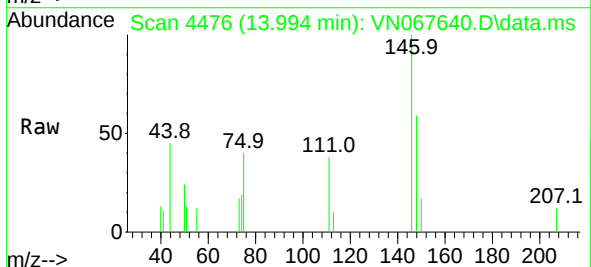
Instrument :
MSVOA_N
ClientSampled :

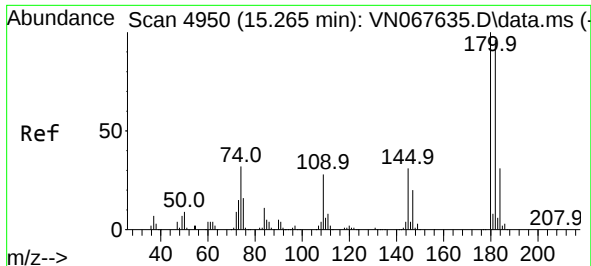
Tgt Ion:	91	Resp:	4507
Ion	Ratio	Lower	Upper
91	100		
92	48.5	25.7	77.1
134	13.8	11.2	33.6



#91
1,2-Dichlorobenzene
Concen: 0.380 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

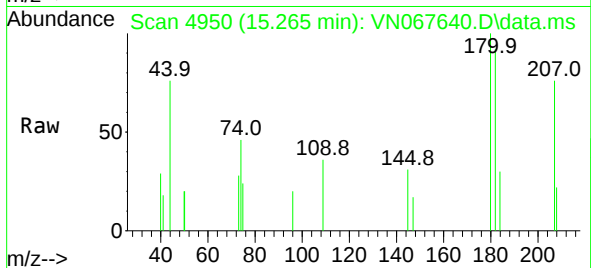
Tgt Ion:	146	Resp:	2589
Ion	Ratio	Lower	Upper
146	100		
111	39.6	24.9	74.6
148	72.2	31.6	95.0



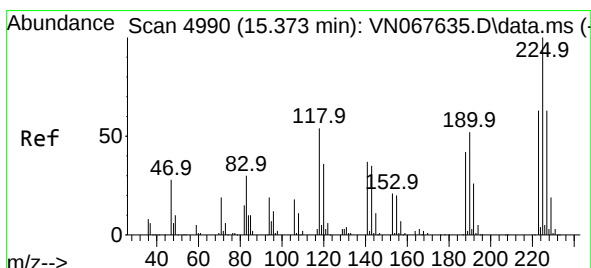
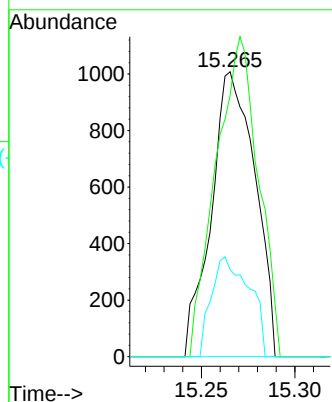
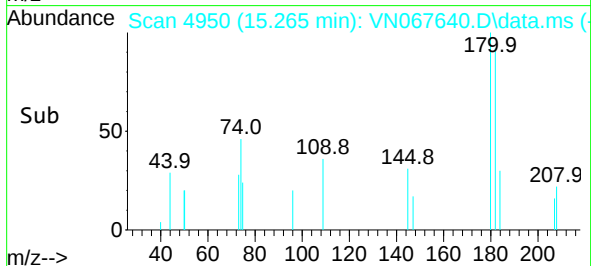


#93
1,2,4-Trichlorobenzene
Concen: 0.559 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

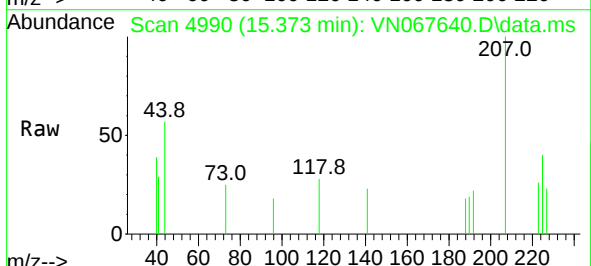
Instrument :
MSVOA_N
ClientSampleId :



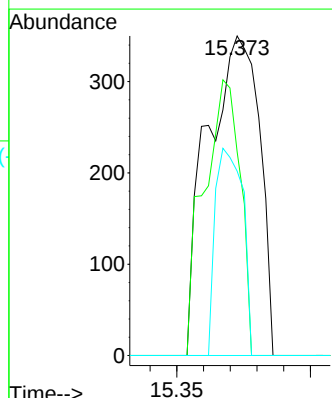
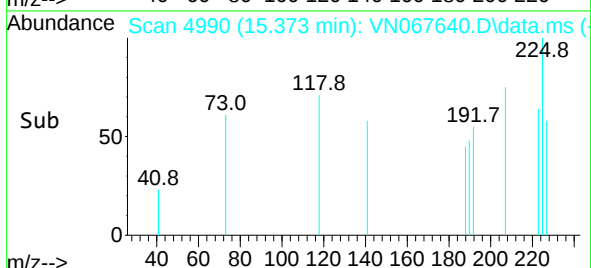
Tgt Ion:180 Resp: 1643
Ion Ratio Lower Upper
180 100
182 108.8 47.5 142.5
145 30.4 17.2 51.6

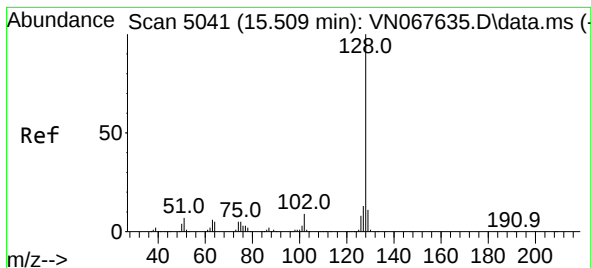


#94
Hexachlorobutadiene
Concen: 0.331 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56



Tgt Ion:225 Resp: 474
Ion Ratio Lower Upper
225 100
223 59.9 31.4 94.0
227 34.2 31.2 93.6

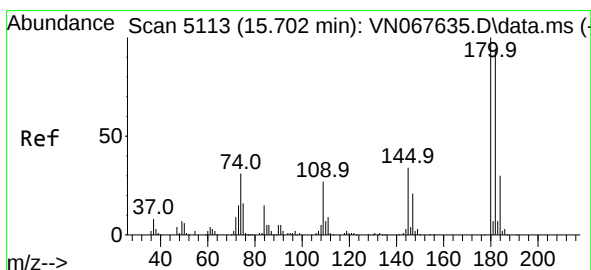
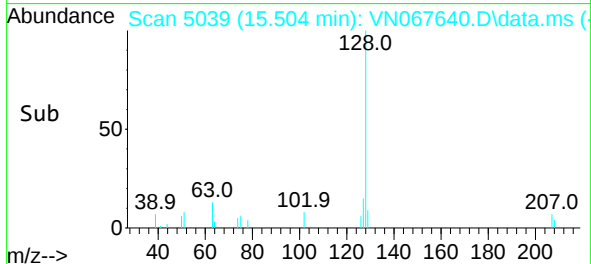
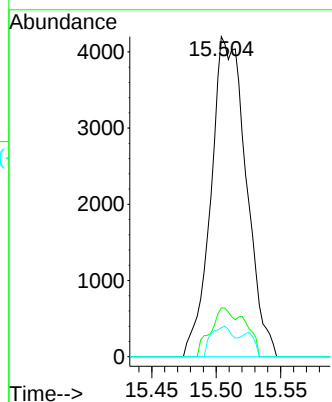
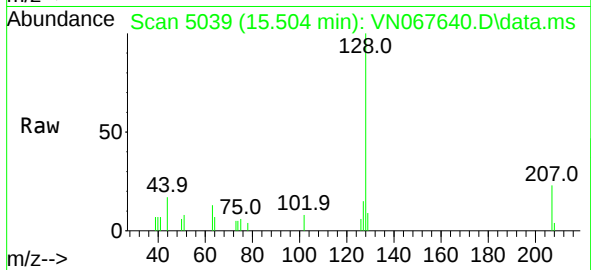




#95
Naphthalene
Concen: 0.959 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 7935
Ion Ratio Lower Upper
128 100
127 10.0 10.6 15.8#
129 5.9 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.683 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067640.D
Acq: 7 Jul 2021 17:56

Tgt Ion:180 Resp: 1937
Ion Ratio Lower Upper
180 100
182 96.9 47.8 143.3
145 26.3 18.2 54.6

