

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067649.D
 Acq On : 7 Jul 2021 21:37
 Operator : JC/MD
 Sample : M2928-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 08 06:11:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	462591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1031832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	888656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	365430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	338190	48.374	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.740%
35) Dibromofluoromethane	8.018	113	235268	37.739	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	75.480%
50) Toluene-d8	10.443	98	1203656	46.127	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.733	95	402130	43.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.240%

Target Compounds				Qvalue		
5) Bromomethane	2.850	94	676	Below Cal	#	78
6) Chloroethane	3.001	64	147	Below Cal	#	40
7) Trichlorofluoromethane	3.355	101	56	Below Cal	#	18
11) Tert butyl alcohol	5.374	59	50900	50.665	ug/l	98
13) Acrolein	4.041	56	11244	19.124	ug/l	88
16) Acetone	4.277	43	1127690	512.625	ug/l	93
17) Carbon Disulfide	4.508	76	6805	0.597	ug/l #	93
18) Methyl Acetate	4.856	43	36748	5.947	ug/l #	88
20) Methylene Chloride	5.084	84	823	Below Cal	#	47
25) 2-Butanone	7.335	43	226075	61.889	ug/l	93
31) Cyclohexane	8.080	56	17224	1.757	ug/l #	33
36) 1,1-Dichloropropene	8.246	75	6979	0.728	ug/l #	44
37) Ethyl Acetate	7.415	43	61707	6.645	ug/l	98
38) Carbon Tetrachloride	8.083	117	50588	5.351	ug/l #	17
39) Methylcyclohexane	9.459	83	15485	1.476	ug/l	89
40) Benzene	8.456	78	777649	27.105	ug/l	98
42) 1,2-Dichloroethane	8.453	62	7217	0.677	ug/l	90
43) Isopropyl Acetate	8.418	43	28220	1.727	ug/l #	21
48) Methyl methacrylate	9.630	41	2543	0.352	ug/l #	50
49) 1,4-Dioxane	9.577	88	563	35.924	ug/l #	76
51) 4-Methyl-2-Pentanone	10.333	43	66790	6.655	ug/l	93
52) Toluene	10.507	92	683054	36.345	ug/l	99
53) t-1,3-Dichloropropene	10.623	75	1693	1.880	ug/l #	43
55) 1,1,2-Trichloroethane	10.880	97	3098	0.430	ug/l #	19
59) 2-Hexanone	11.087	43	30218	4.314	ug/l	79
67) Ethyl Benzene	11.848	91	290482	8.743	ug/l	97
68) m/p-Xylenes	11.950	106	452235	35.986	ug/l	87
69) o-Xylene	12.283	106	352461	28.527	ug/l	87
70) Styrene	12.291	104	50189	2.539	ug/l #	1
73) Isopropylbenzene	12.581	105	63135	2.141	ug/l	98
74) N-amyl acetate	12.355	43	28549	2.669	ug/l #	48
76) 1,2,3-Trichloropropane	12.733	75	212332	28.452	ug/l #	100
78) n-propylbenzene	12.924	91	103920	3.116	ug/l	96
79) 2-Chlorotoluene	12.986	91	30762	1.527	ug/l #	48
80) 1,3,5-Trimethylbenzene	13.061	105	259255	10.852	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.733	75	212332	91.733	ug/l #	6

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 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

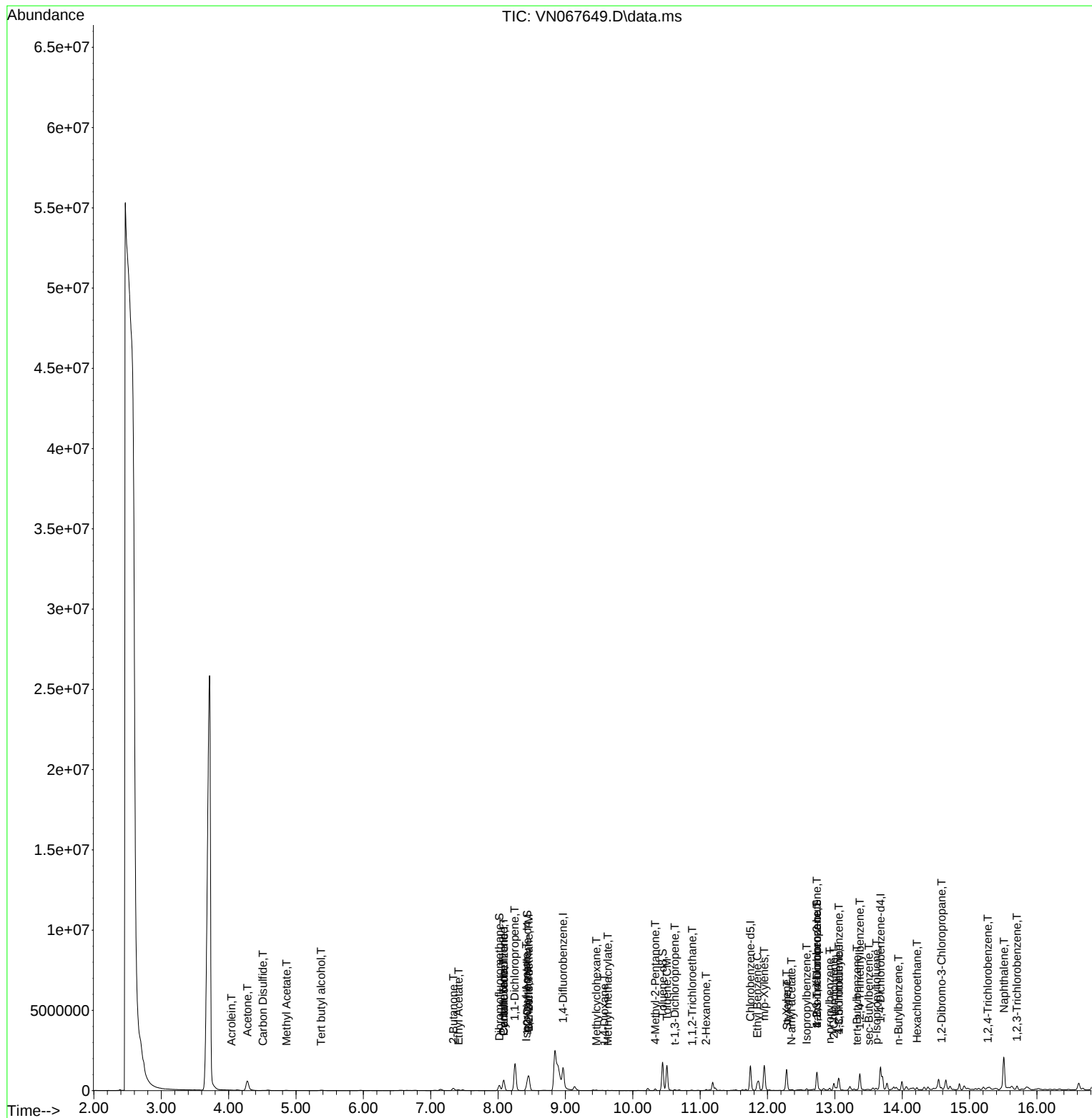
82) 4-Chlorotoluene	13.061	91	27180	1.363	ug/l #	45
83) tert-Butylbenzene	13.326	119	10926	0.536	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	589441	25.180	ug/l	93
85) sec-Butylbenzene	13.506	105	26489	0.939	ug/l #	59
86) p-Isopropyltoluene	13.618	119	32819	1.442	ug/l	93
89) n-Butylbenzene	13.943	91	17020	0.872	ug/l #	69
90) Hexachloroethane	14.219	117	5409	1.431	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.584	75	445	0.299	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.271	180	1798	2.954	ug/l #	1
95) Naphthalene	15.509	128	1881971	101.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	2323	3.010	ug/l #	72

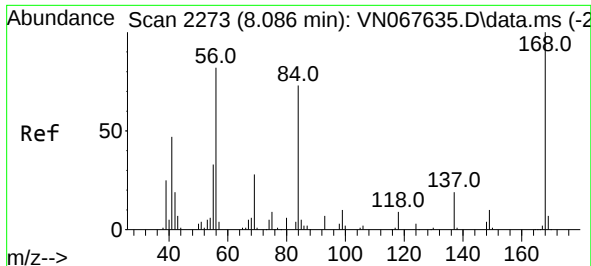
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
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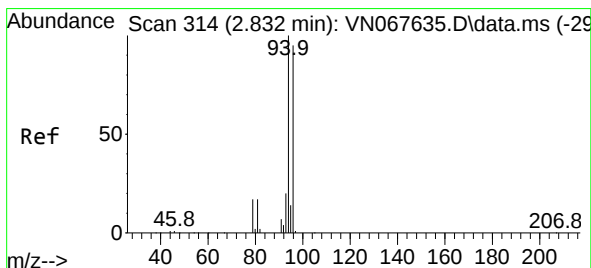
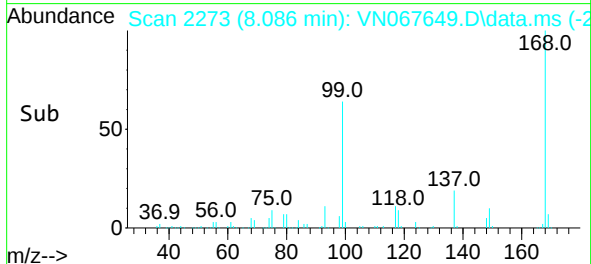
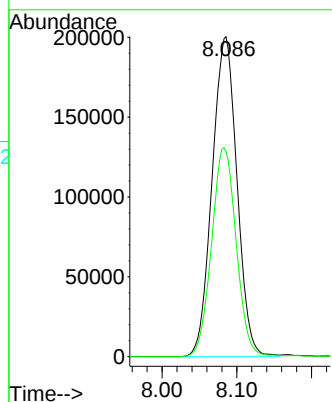
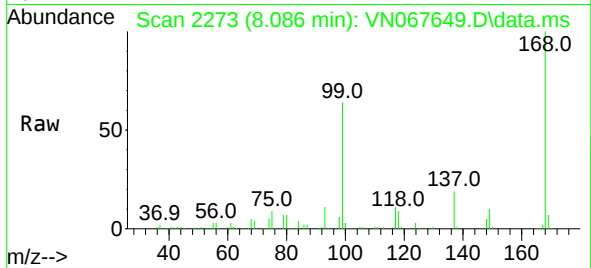




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

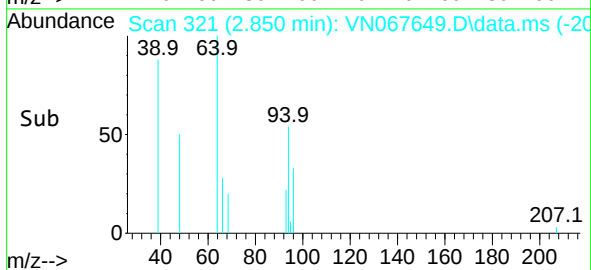
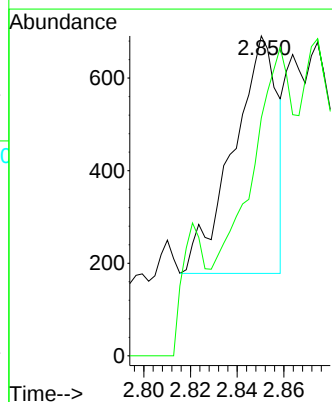
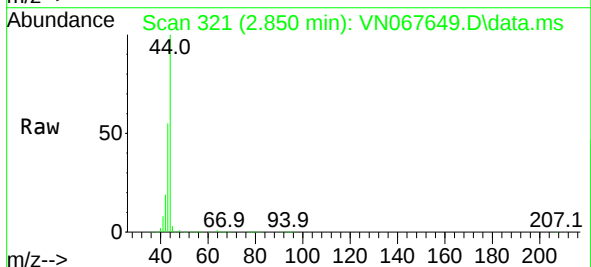
Instrument :
MSVOA_N
ClientSampleId :

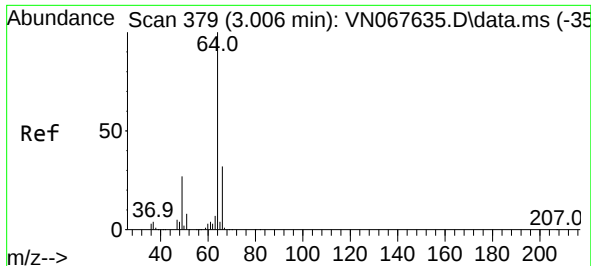
Tgt Ion:168 Resp: 462591
Ion Ratio Lower Upper
168 100
99 64.3 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.850 min Scan# 321
Delta R.T. 0.018 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 70.8 73.7 110.5#

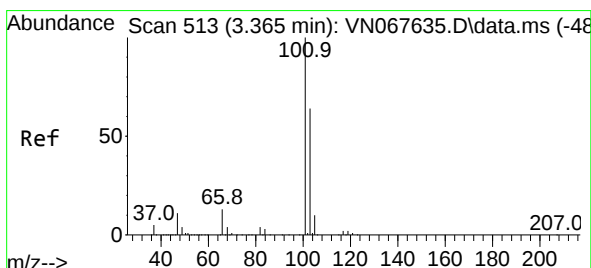
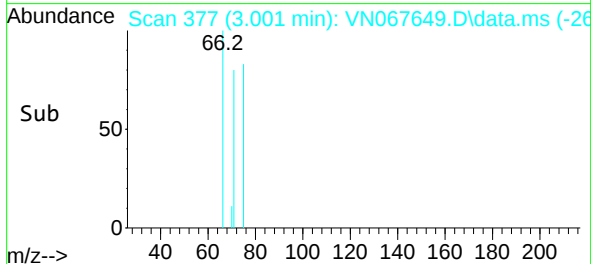
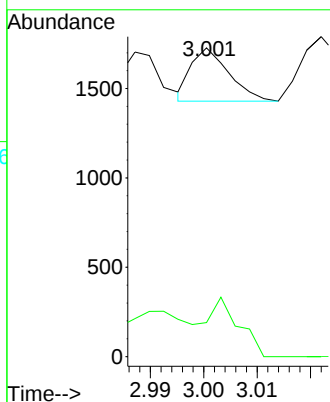
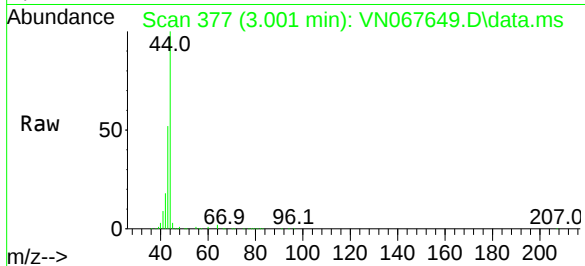




#6
Chloroethane
Concen: Below Cal
RT: 3.001 min Scan# 377
Delta R.T. -0.005 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

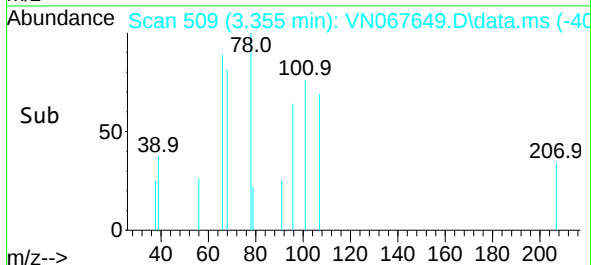
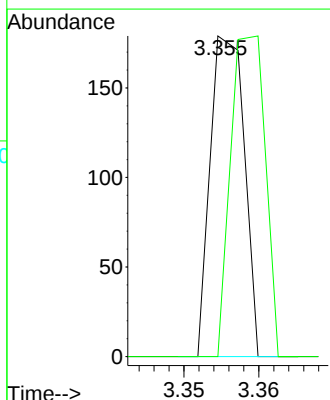
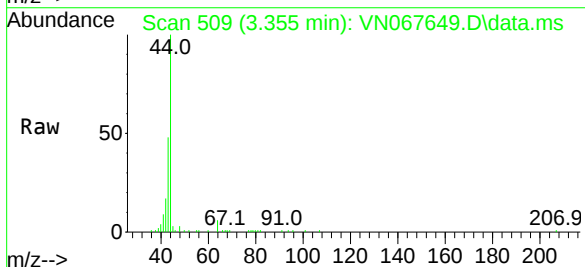
Instrument :
MSVOA_N
ClientSampleId :

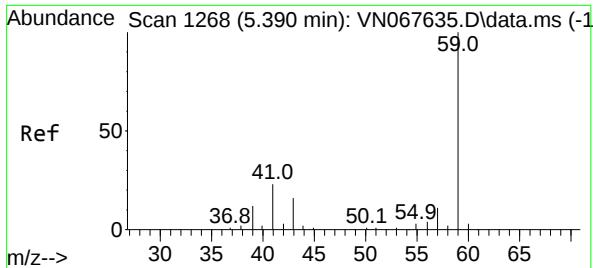
Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 63.8 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.355 min Scan# 509
Delta R.T. -0.010 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion:101 Resp: 56
Ion Ratio Lower Upper
101 100
103 0.0 51.2 76.8#

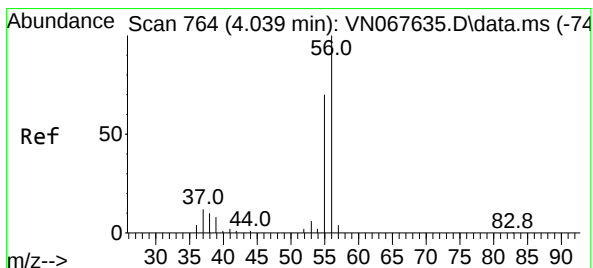
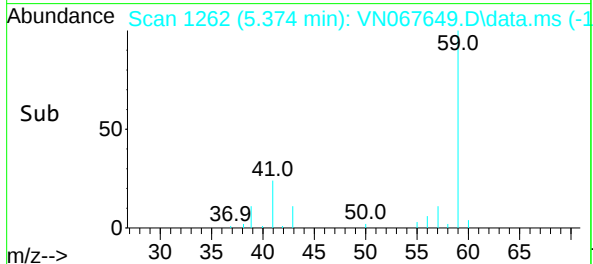
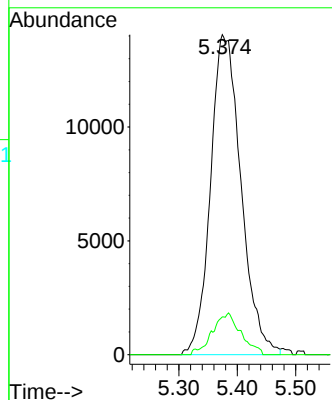
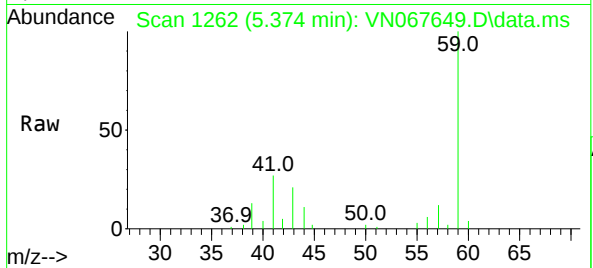




#11
Tert butyl alcohol
Concen: 50.665 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

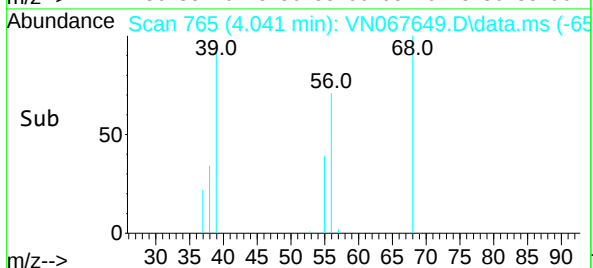
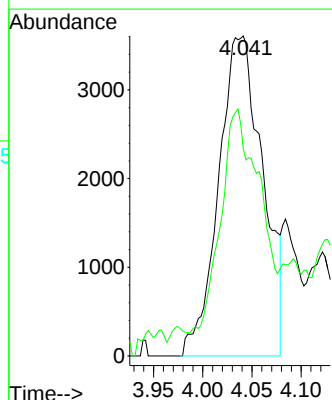
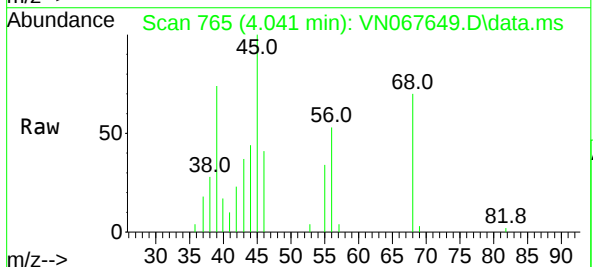
Instrument :
MSVOA_N
ClientSampled :

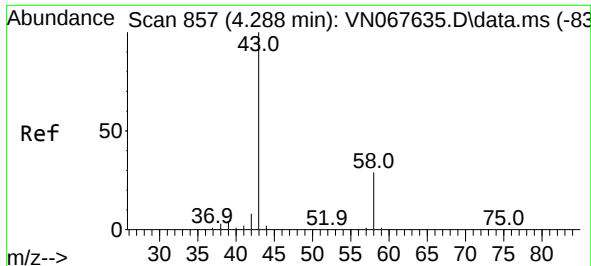
Tgt Ion: 59 Resp: 50900
Ion Ratio Lower Upper
59 100
57 11.7 8.7 13.1



#13
Acrolein
Concen: 19.124 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 56 Resp: 11244
Ion Ratio Lower Upper
56 100
55 61.5 57.4 86.0

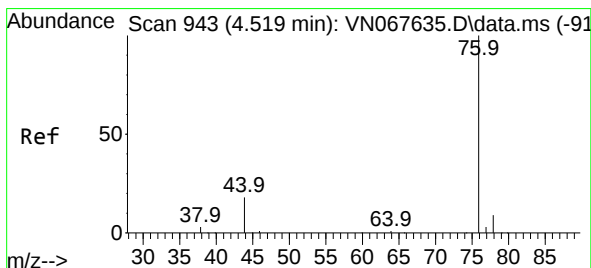
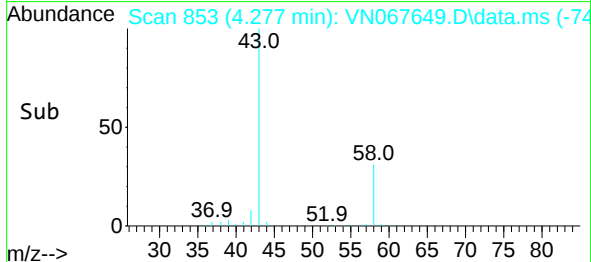
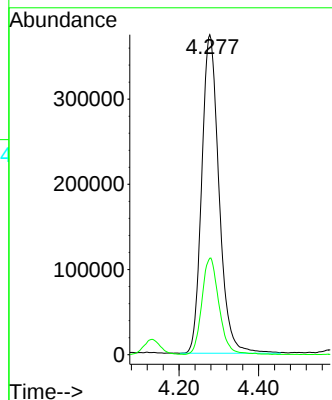
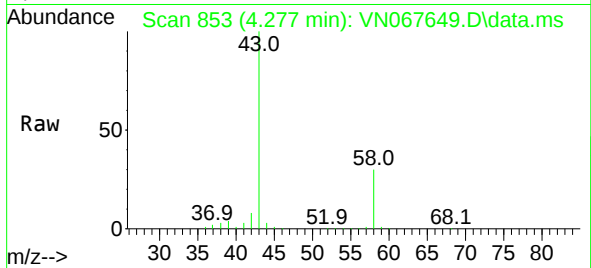




#16
Acetone
Concen: 512.625 ug/l
RT: 4.277 min Scan# 853
Delta R.T. -0.011 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

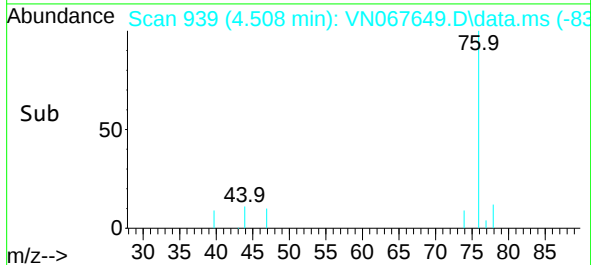
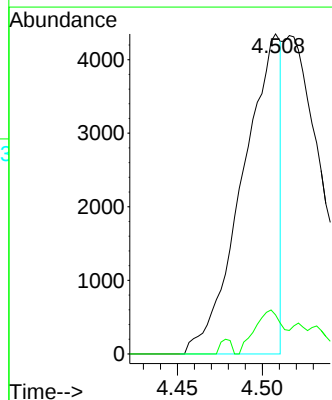
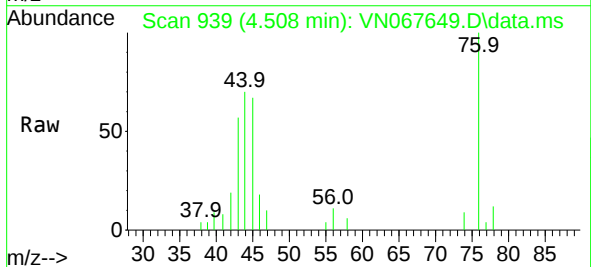
Instrument :
MSVOA_N
ClientSampled :

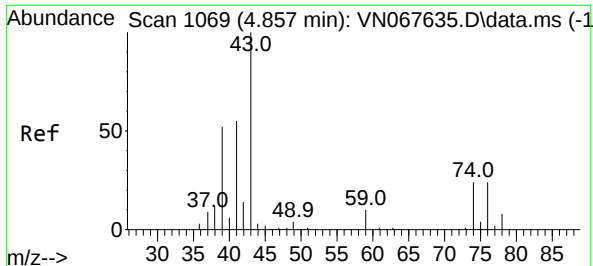
Tgt Ion: 43 Resp: 1127690
Ion Ratio Lower Upper
43 100
58 30.1 21.2 31.8



#17
Carbon Disulfide
Concen: 0.597 ug/l
RT: 4.508 min Scan# 939
Delta R.T. -0.011 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 76 Resp: 6805
Ion Ratio Lower Upper
76 100
78 12.2 7.7 11.5#





#18

Methyl Acetate

Concen: 5.947 ug/l

RT: 4.856 min Scan# 1069

Delta R.T. -0.001 min

Lab File: VN067649.D

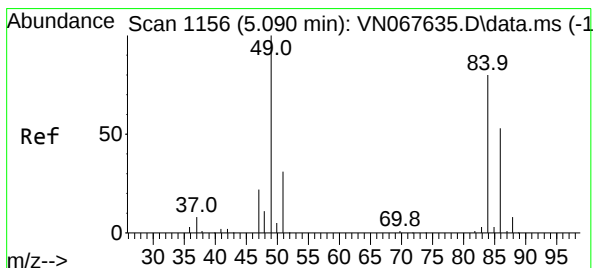
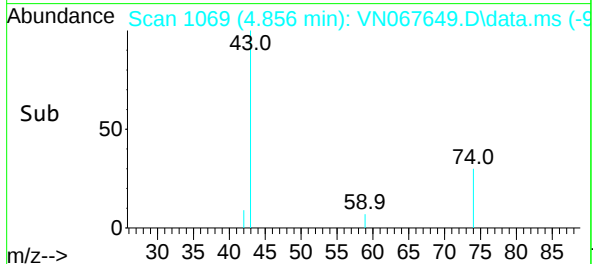
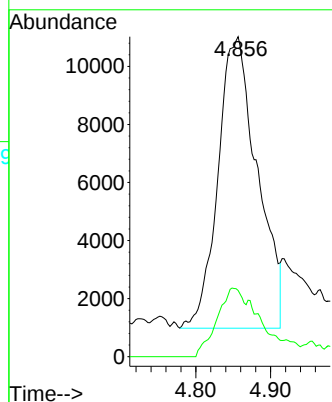
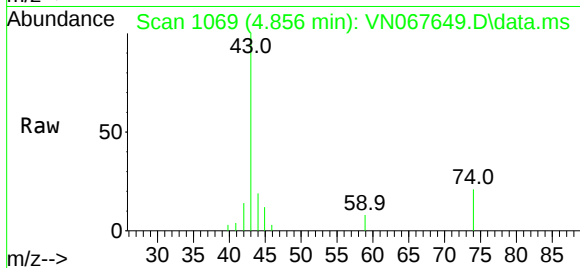
Acq: 7 Jul 2021 21:37

Tgt Ion: 43 Resp: 36748

Ion Ratio Lower Upper

43 100

74 15.9 17.4 26.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.084 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VN067649.D

Acq: 7 Jul 2021 21:37

Tgt Ion: 84 Resp: 823

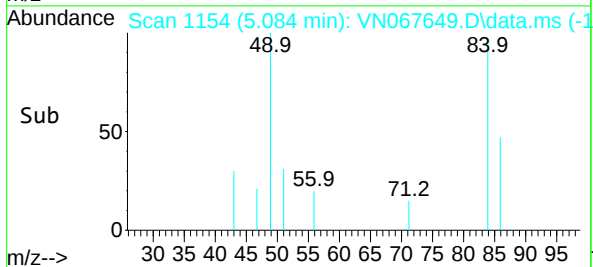
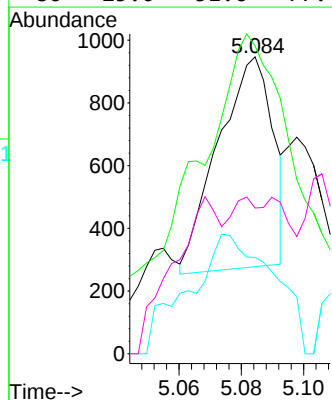
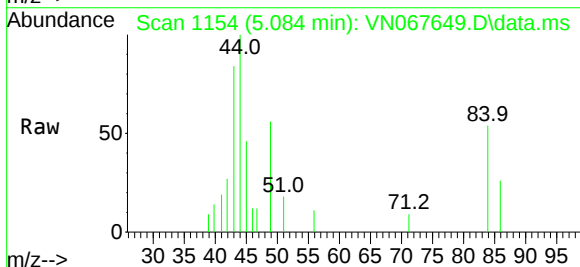
Ion Ratio Lower Upper

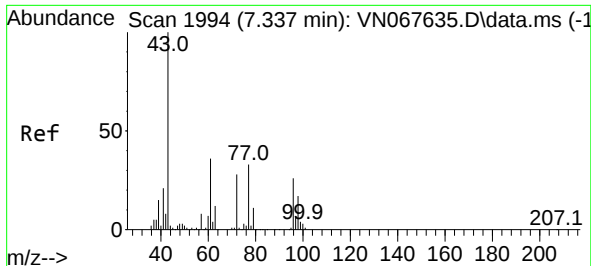
84 100

49 67.9 110.9 166.3#

51 17.4 32.6 49.0#

86 25.0 51.6 77.4#

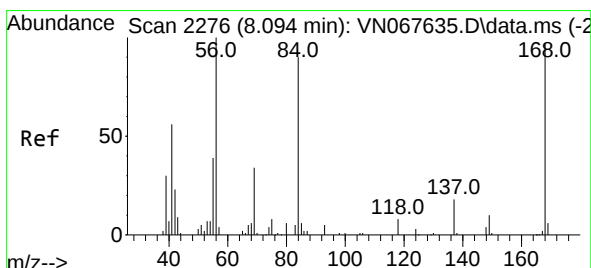
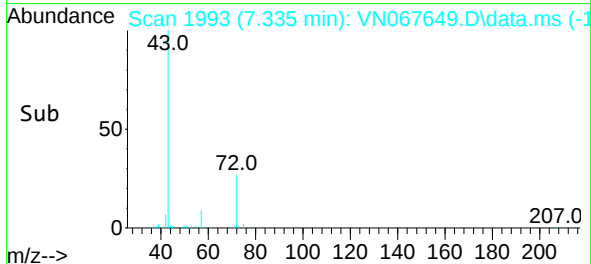
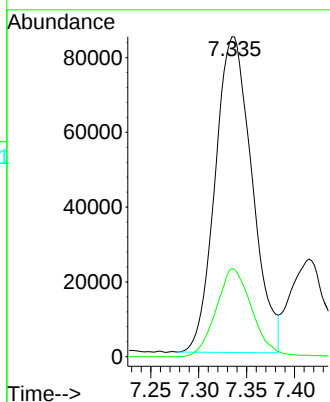
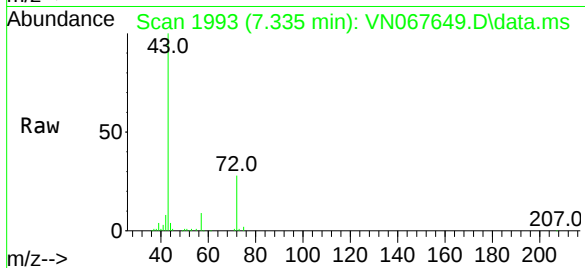




#25
2-Butanone
Concen: 61.889 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.002 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

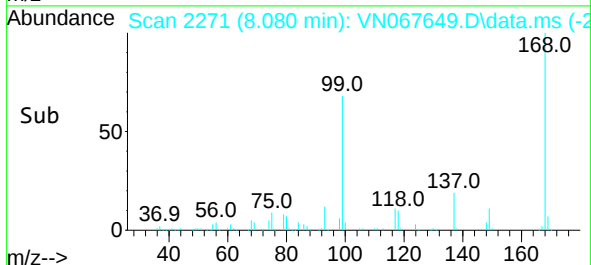
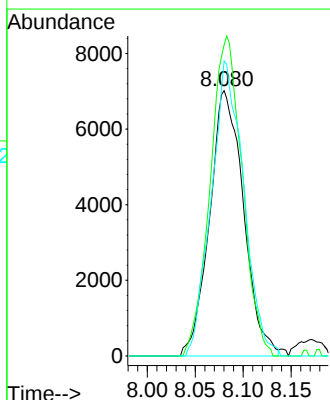
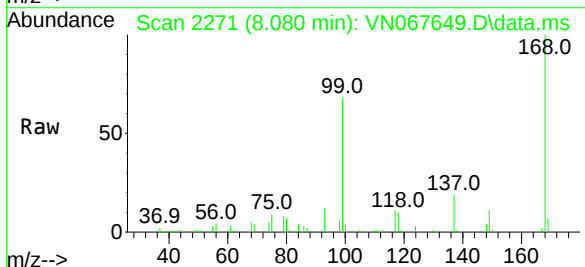
Instrument :
MSVOA_N
ClientSampled :

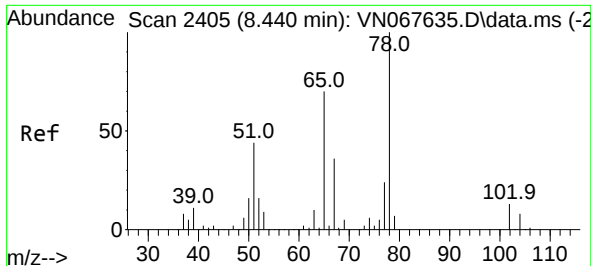
Tgt Ion: 43 Resp: 226075
Ion Ratio Lower Upper
43 100
72 28.0 19.7 29.5



#31
Cyclohexane
Concen: 1.757 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 56 Resp: 17224
Ion Ratio Lower Upper
56 100
69 117.2 27.3 40.9#
84 111.2 64.9 97.3#

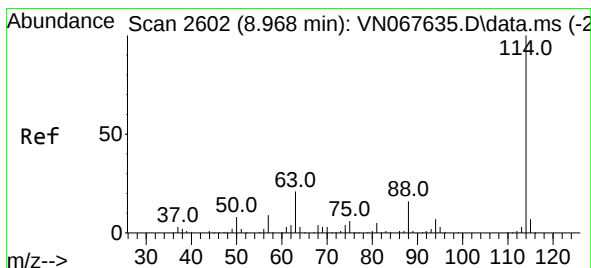
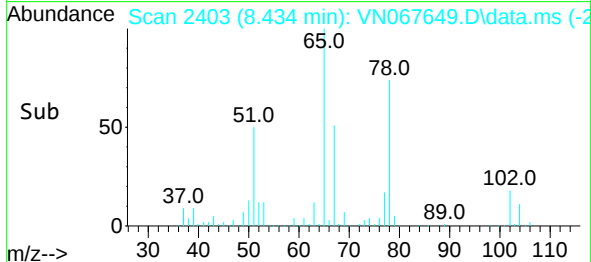
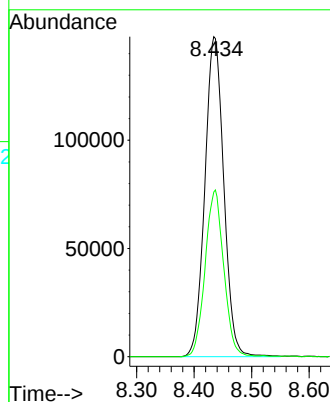
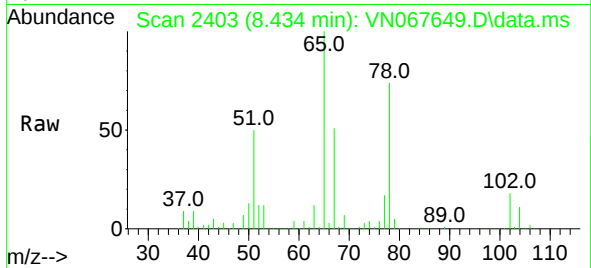




#33
 1,2-Dichloroethane-d4
 Concen: 48.374 ug/l
 RT: 8.434 min Scan# 2403
 Delta R.T. -0.006 min
 Lab File: VN067649.D
 Acq: 7 Jul 2021 21:37

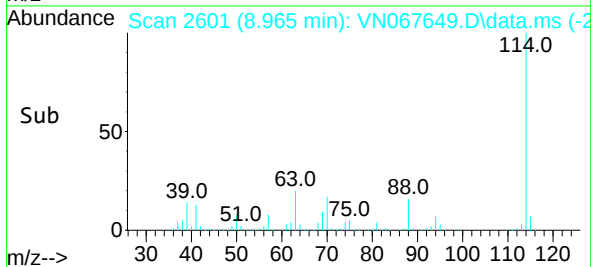
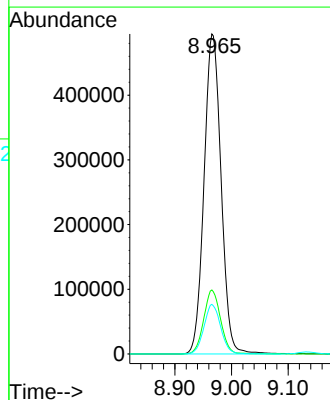
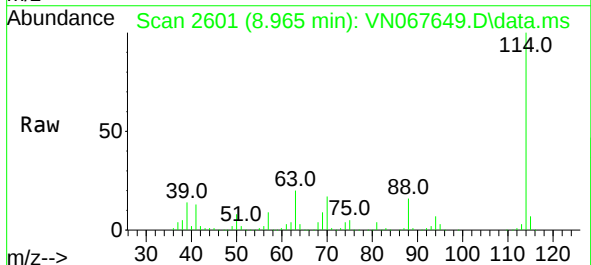
Instrument :
 MSVOA_N
 ClientSampleId :

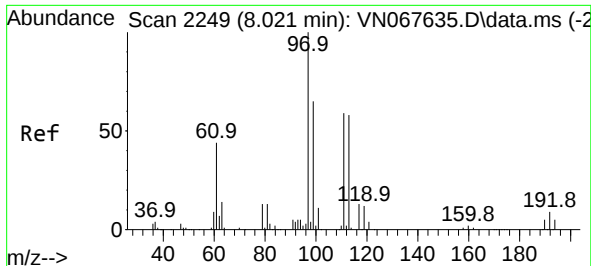
Tgt Ion: 65 Resp: 338190
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN067649.D
 Acq: 7 Jul 2021 21:37

Tgt Ion: 114 Resp: 1031832
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 49.0
 88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 37.739 ug/l

RT: 8.018 min Scan# 2248

Delta R.T. -0.003 min

Lab File: VN067649.D

Acq: 7 Jul 2021 21:37

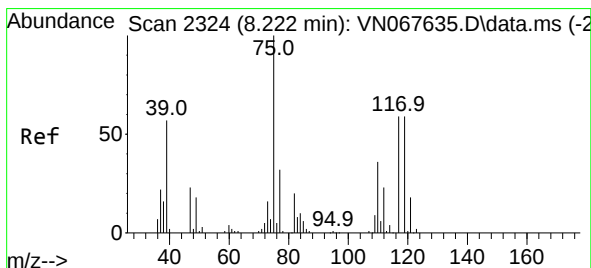
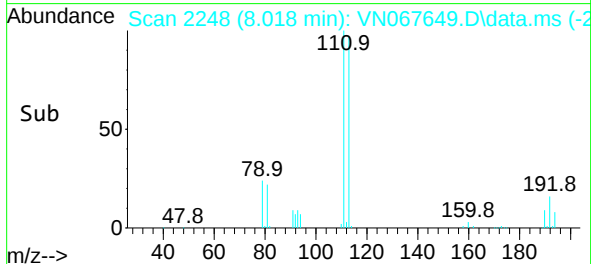
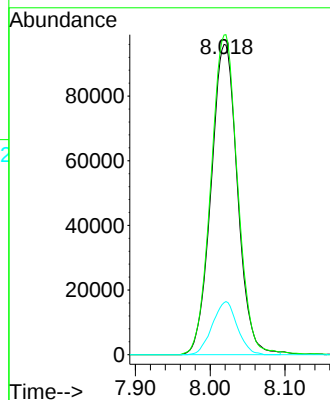
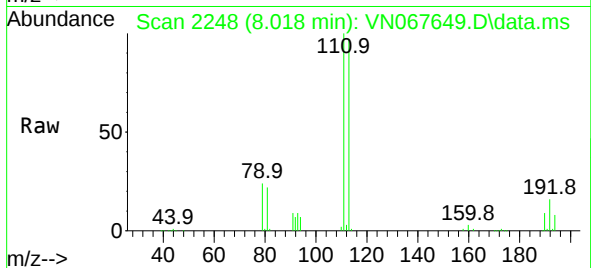
Tgt Ion:113 Resp: 235268

Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.8

192 16.1 13.4 20.0



#36

1,1-Dichloropropene

Concen: 0.728 ug/l

RT: 8.246 min Scan# 2333

Delta R.T. 0.024 min

Lab File: VN067649.D

Acq: 7 Jul 2021 21:37

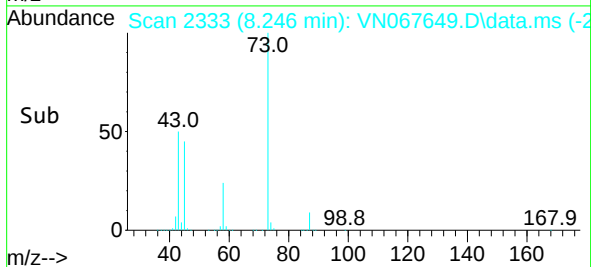
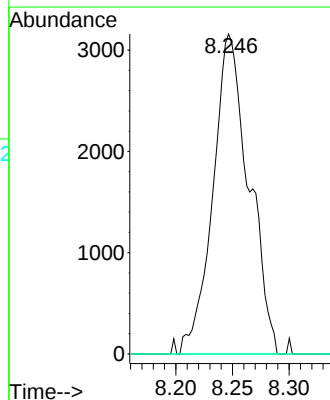
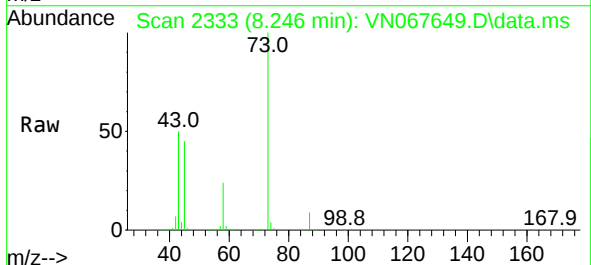
Tgt Ion: 75 Resp: 6979

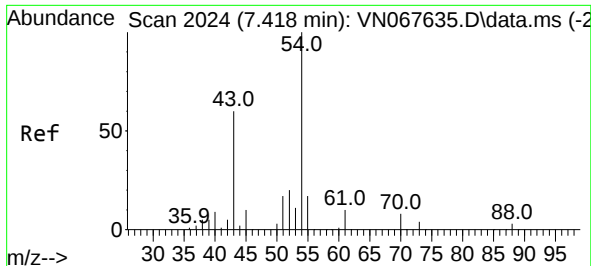
Ion Ratio Lower Upper

75 100

110 0.0 15.7 47.0#

77 0.0 24.6 37.0#

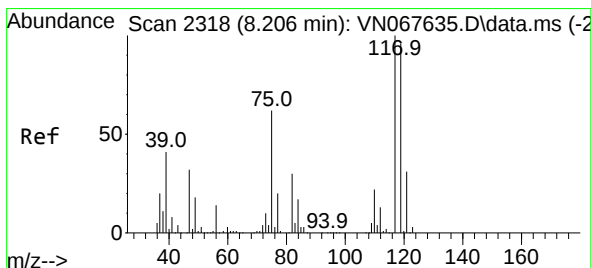
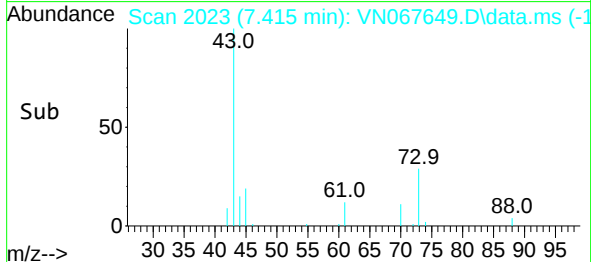
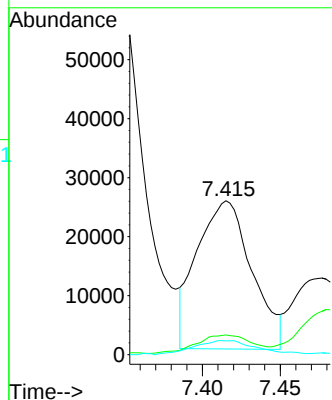
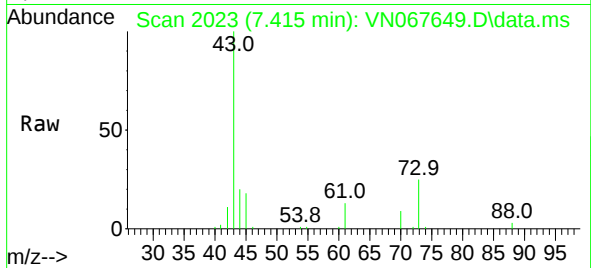




#37
Ethyl Acetate
Concen: 6.645 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

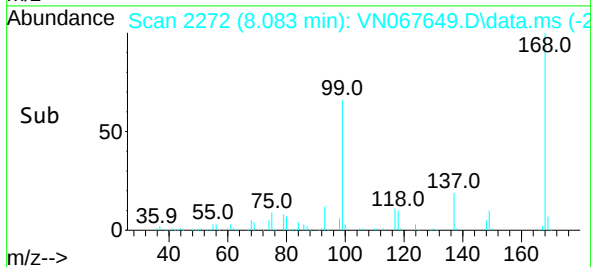
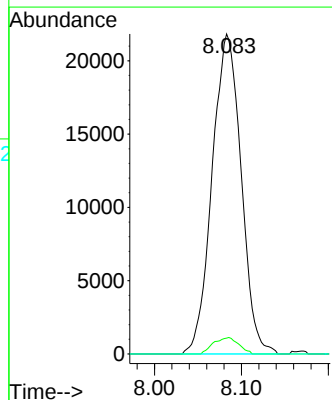
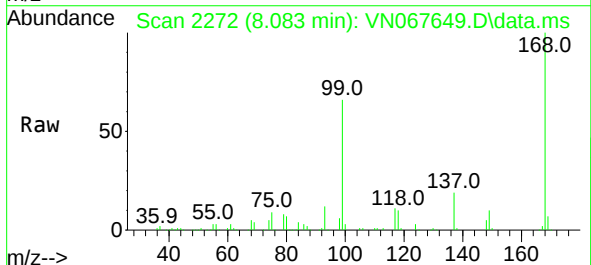
Instrument :
MSVOA_N
ClientSampled :

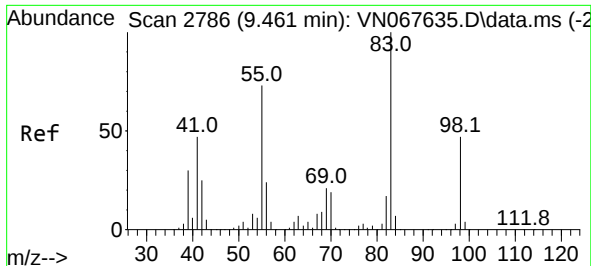
Tgt Ion: 43 Resp: 61707
Ion Ratio Lower Upper
43 100
61 12.6 10.6 16.0
70 10.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 5.351 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 117 Resp: 50588
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 1.476 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.002 min

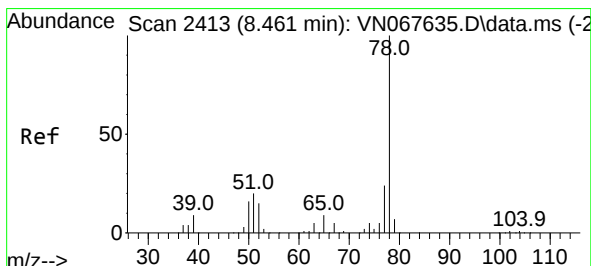
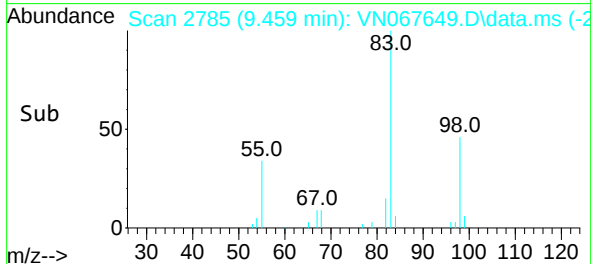
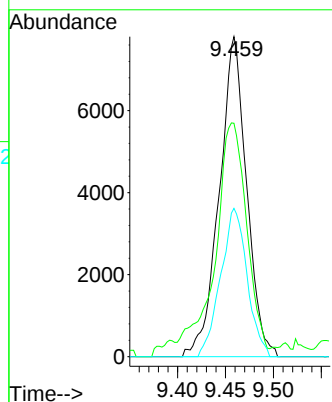
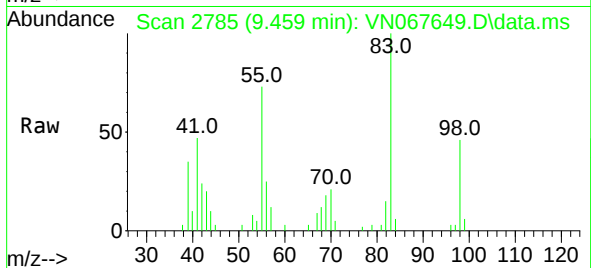
Lab File: VN067649.D

Acq: 7 Jul 2021 21:37

Tgt Ion: 83 Resp: 15485

Ion	Ratio	Lower	Upper
83	100		
55	69.9	66.6	99.8
98	46.3	35.3	52.9

Instrument :
MSVOA_N
ClientSampleId :



#40

Benzene

Concen: 27.105 ug/l

RT: 8.456 min Scan# 2411

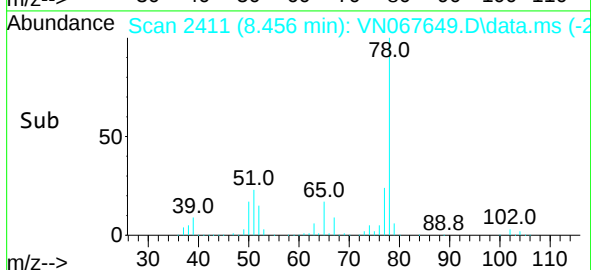
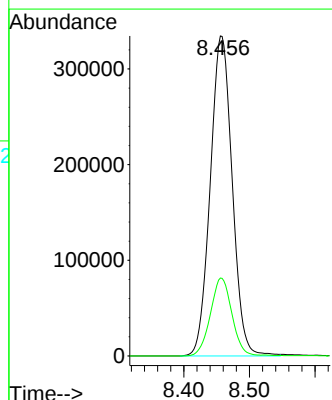
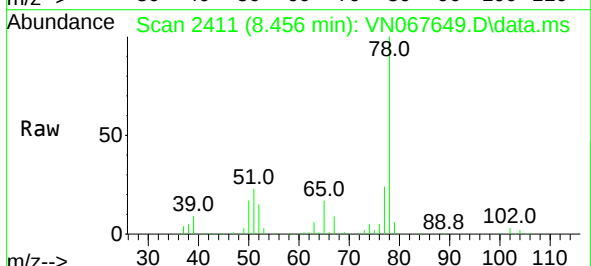
Delta R.T. -0.005 min

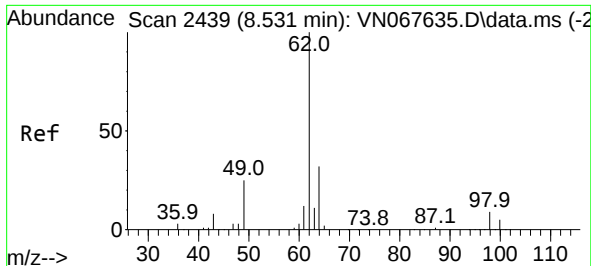
Lab File: VN067649.D

Acq: 7 Jul 2021 21:37

Tgt Ion: 78 Resp: 777649

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.9	28.3

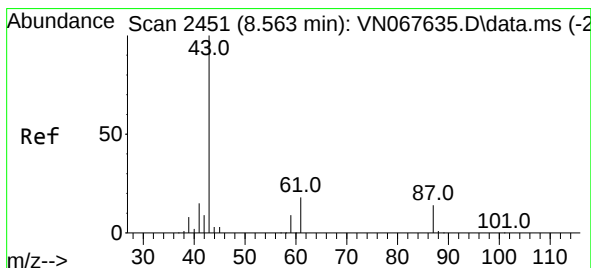
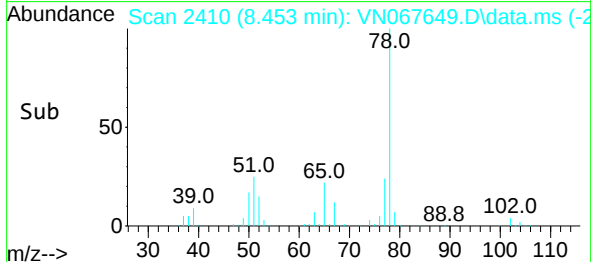
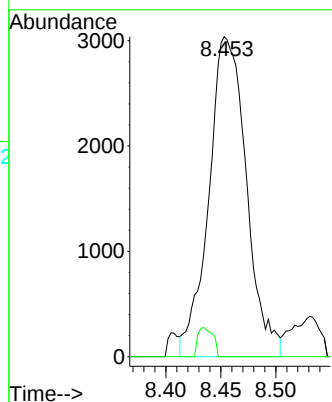
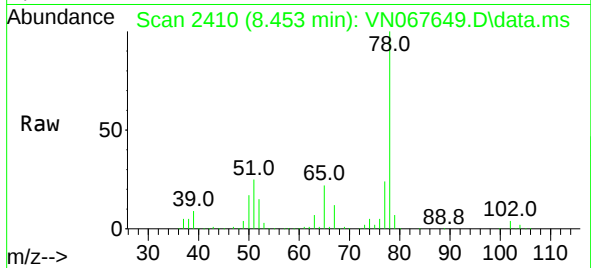




#42
1,2-Dichloroethane
Concen: 0.677 ug/l
RT: 8.453 min Scan# 2410
Delta R.T. -0.078 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

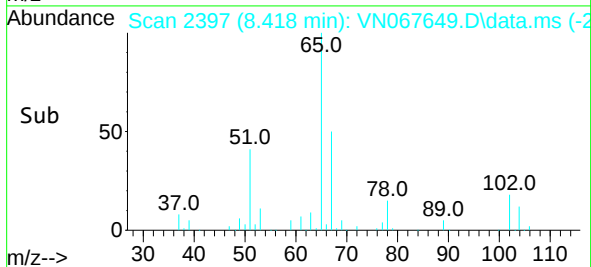
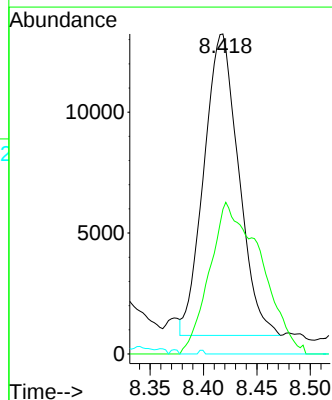
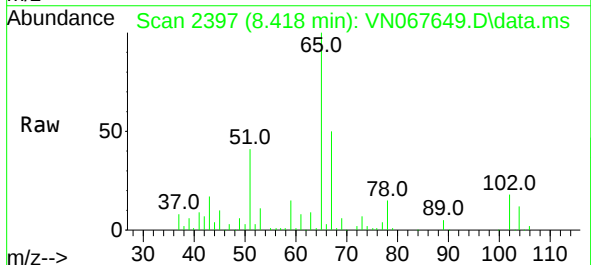
Instrument :
MSVOA_N
ClientSampled :

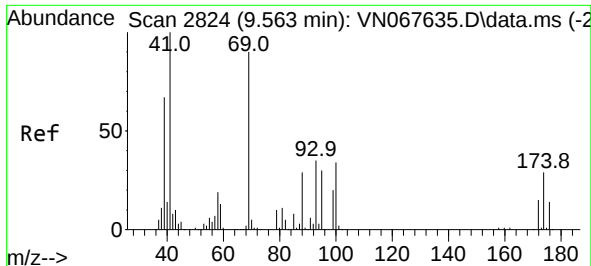
Tgt Ion: 62 Resp: 7217
Ion Ratio Lower Upper
62 100
98 3.7 0.0 14.2



#43
Isopropyl Acetate
Concen: 1.727 ug/l
RT: 8.418 min Scan# 2397
Delta R.T. -0.145 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 43 Resp: 28220
Ion Ratio Lower Upper
43 100
61 74.2 19.0 28.4#
87 0.0 9.5 14.3#

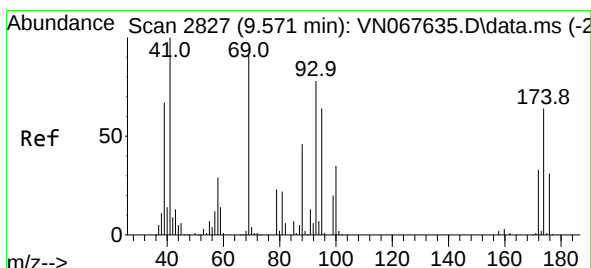
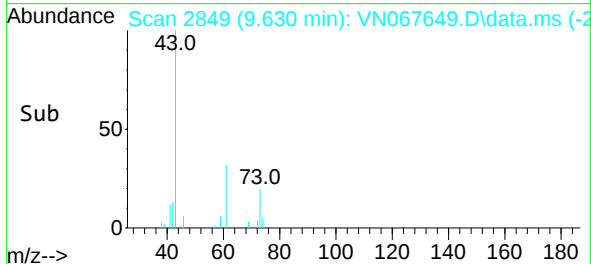
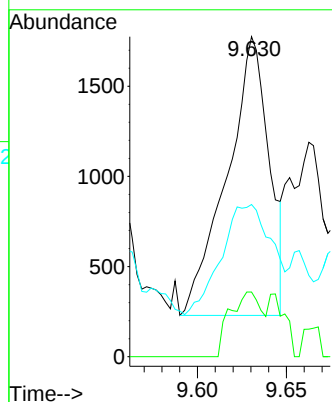
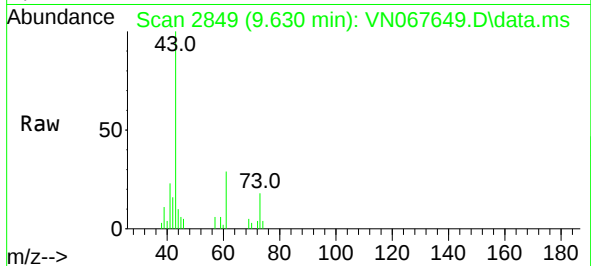




#48
Methyl methacrylate
Concen: 0.352 ug/l
RT: 9.630 min Scan# 2849
Delta R.T. 0.067 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

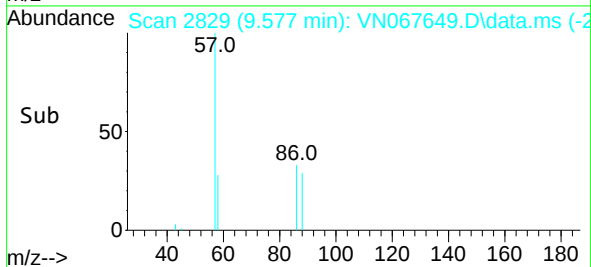
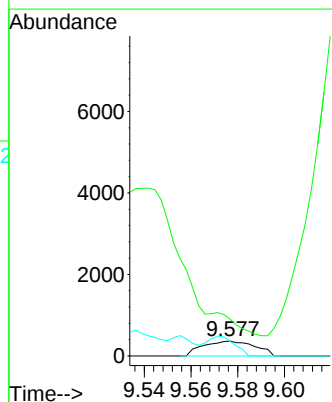
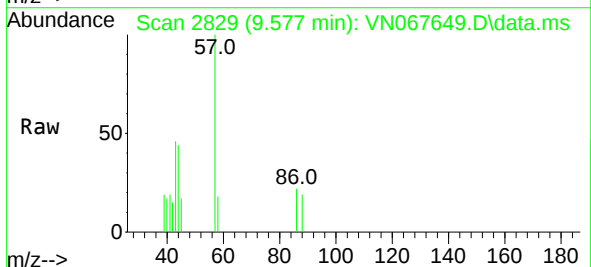
Instrument :
MSVOA_N
ClientSampleId :

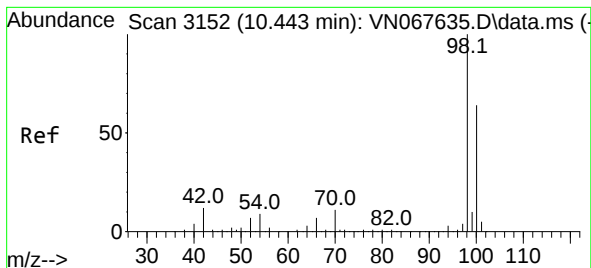
Tgt Ion: 41 Resp: 2543
Ion Ratio Lower Upper
41 100
69 17.7 64.6 96.8#
39 47.5 53.3 79.9#



#49
1,4-Dioxane
Concen: 35.924 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 88 Resp: 563
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 70.2 60.4 90.6

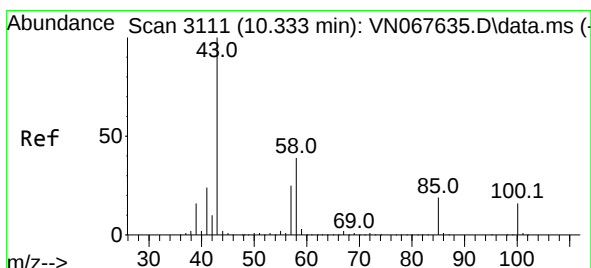
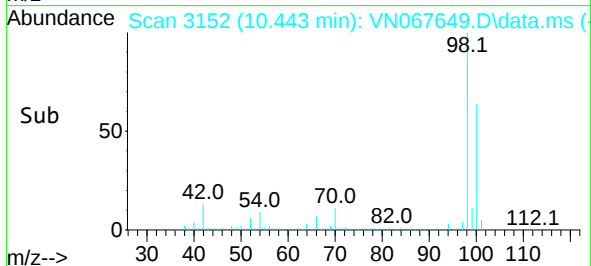
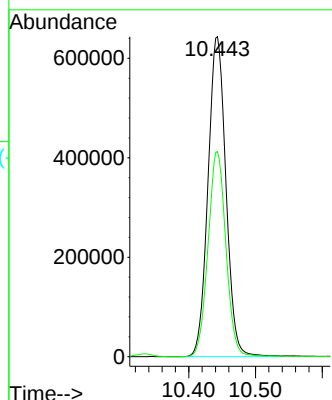
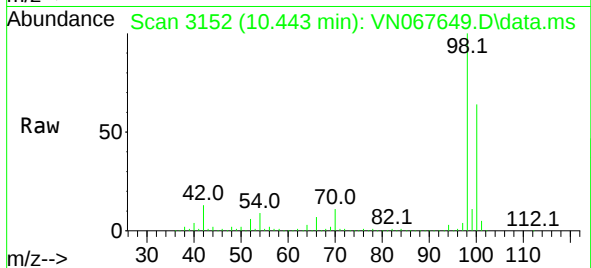




#50
Toluene-d8
Concen: 46.127 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

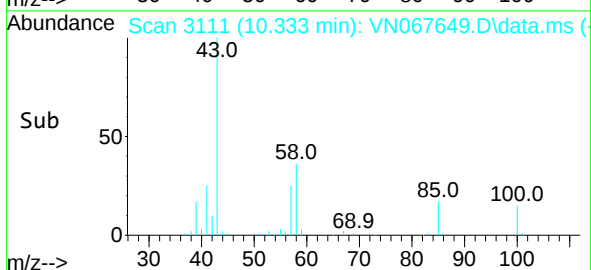
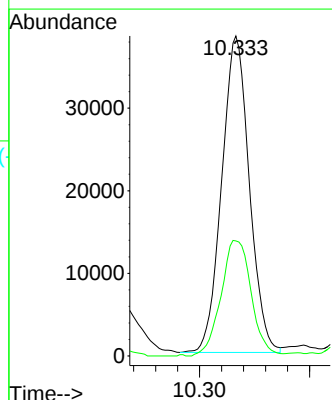
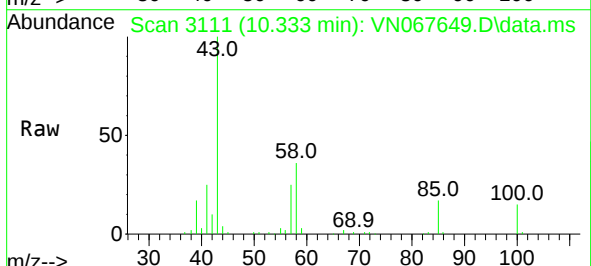
Instrument :
MSVOA_N
ClientSampled :

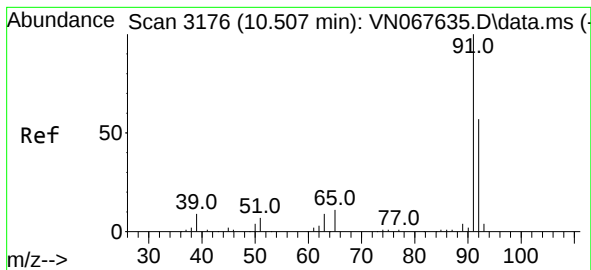
Tgt Ion: 98 Resp: 1203656
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 6.655 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 43 Resp: 66790
Ion Ratio Lower Upper
43 100
58 39.9 28.6 43.0





#52

Toluene

Concen: 36.345 ug/l

RT: 10.507 min Scan# 3176

Delta R.T. 0.000 min

Lab File: VN067649.D

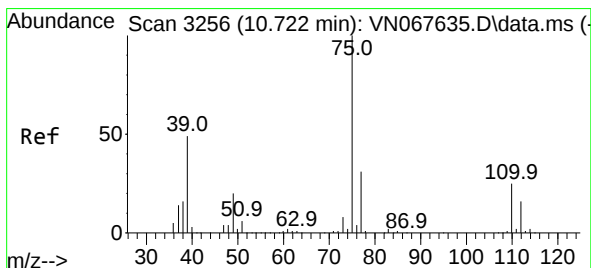
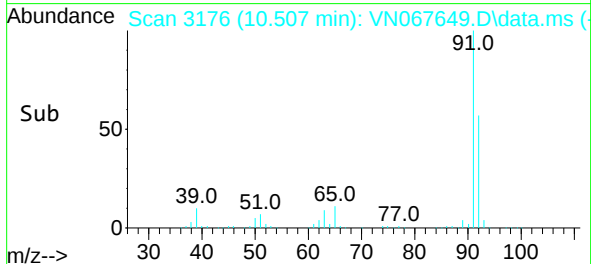
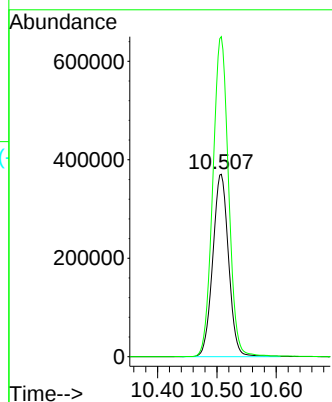
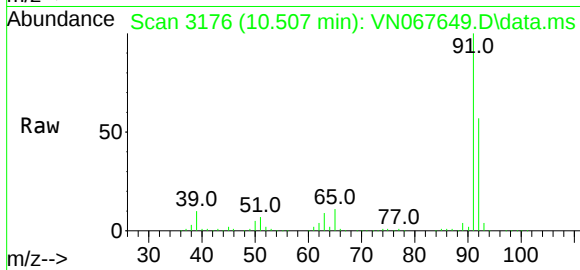
Acq: 7 Jul 2021 21:37

Tgt Ion: 92 Resp: 683054

Ion Ratio Lower Upper

92 100

91 175.2 139.6 209.4



#53

t-1,3-Dichloropropene

Concen: 1.880 ug/l

RT: 10.623 min Scan# 3219

Delta R.T. -0.099 min

Lab File: VN067649.D

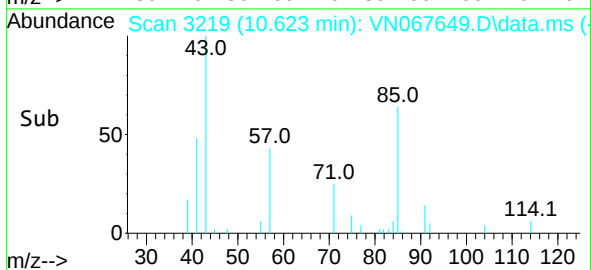
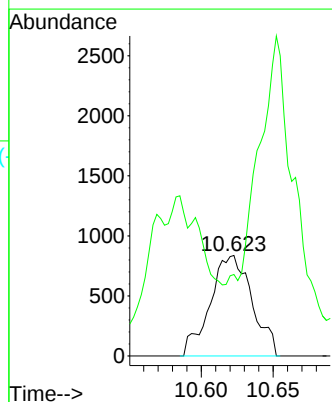
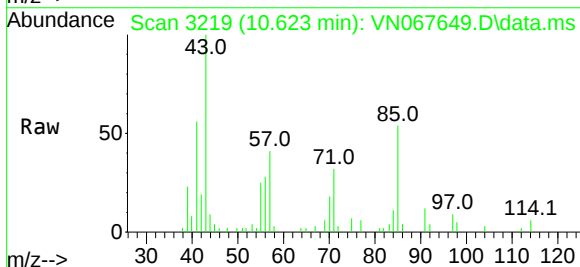
Acq: 7 Jul 2021 21:37

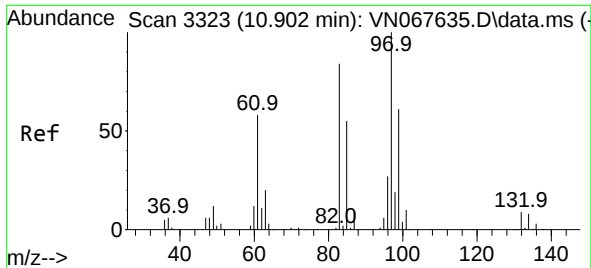
Tgt Ion: 75 Resp: 1693

Ion Ratio Lower Upper

75 100

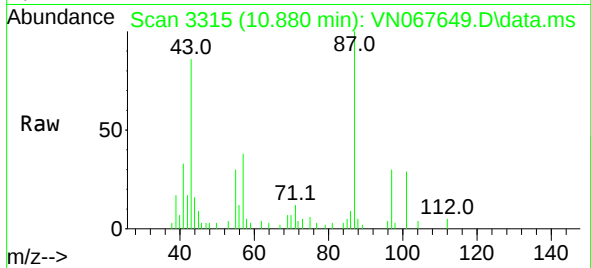
77 0.0 25.1 37.7#





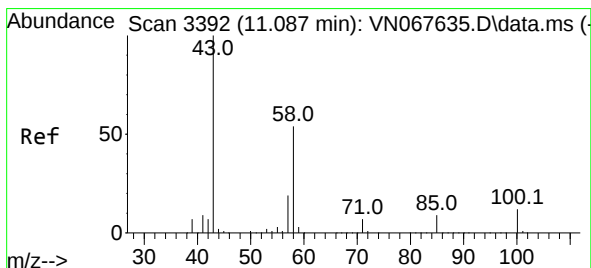
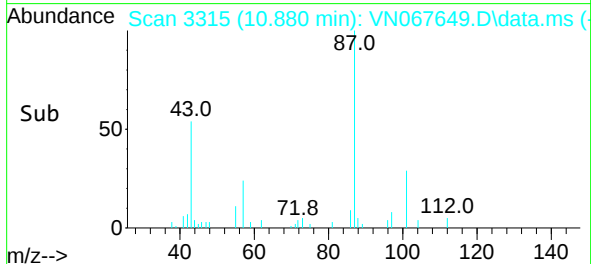
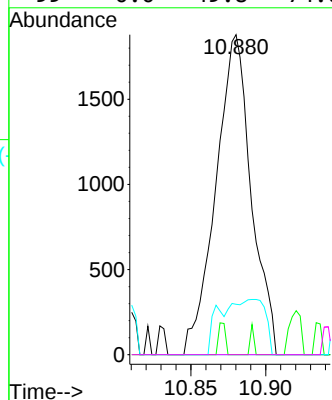
#55
1,1,2-Trichloroethane
Concen: 0.430 ug/l
RT: 10.880 min Scan# 3315
Delta R.T. -0.022 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 97 Resp: 3098

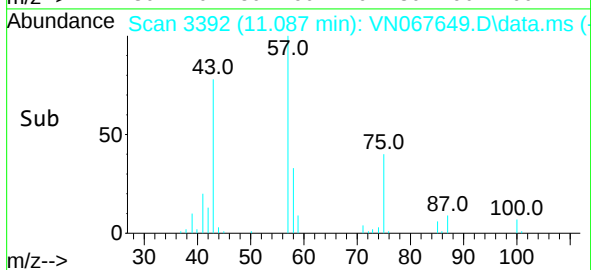
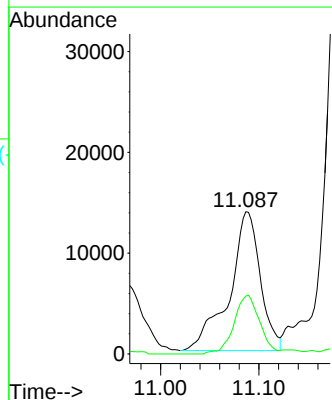
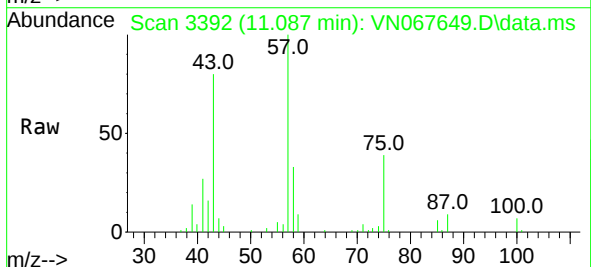
Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.0	108.0#
85	15.8	46.8	70.2#
99	0.0	49.8	74.6#

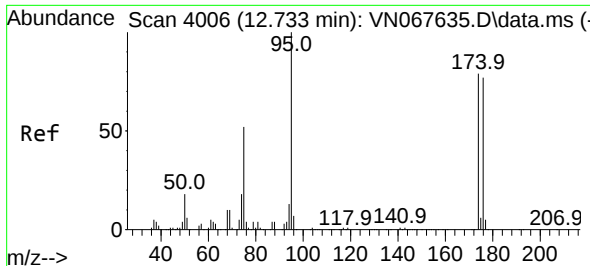


#59
2-Hexanone
Concen: 4.314 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 43 Resp: 30218

Ion	Ratio	Lower	Upper
43	100		
58	34.9	24.7	74.1

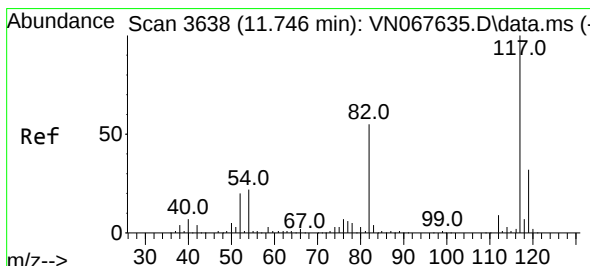
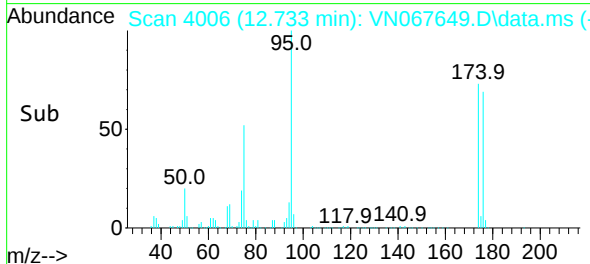
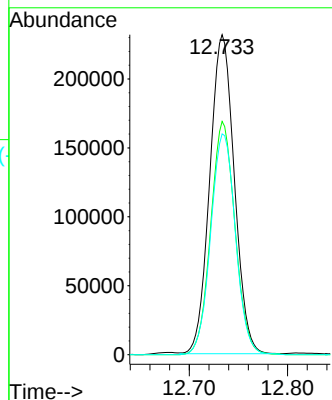
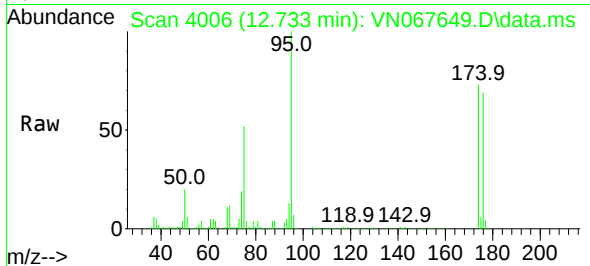




#62
4-Bromofluorobenzene
Concen: 43.625 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

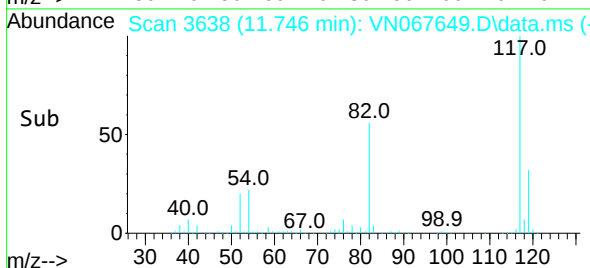
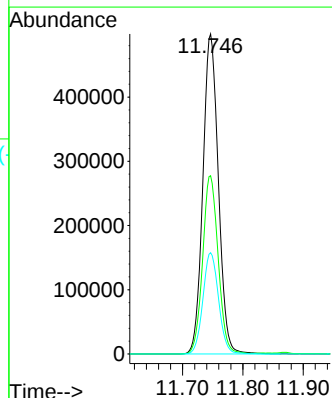
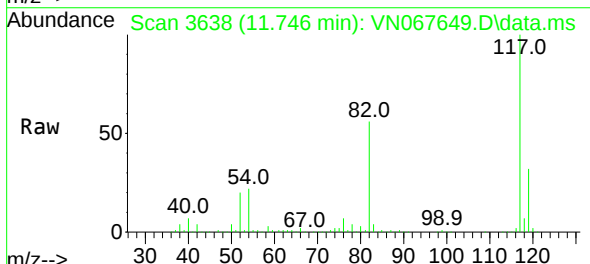
Instrument :
MSVOA_N
ClientSampleId :

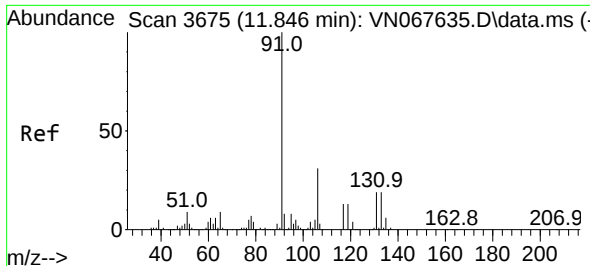
Tgt Ion: 95 Resp: 402130
Ion Ratio Lower Upper
95 100
174 72.4 0.0 122.0
176 69.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 117 Resp: 888656
Ion Ratio Lower Upper
117 100
82 55.7 53.1 79.7
119 31.7 25.5 38.3

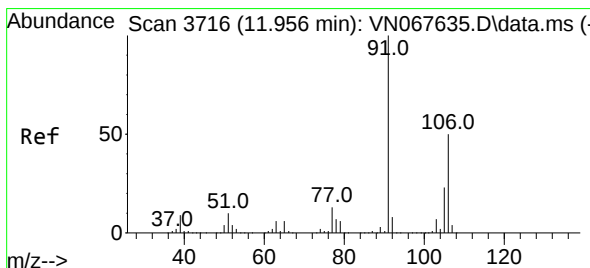
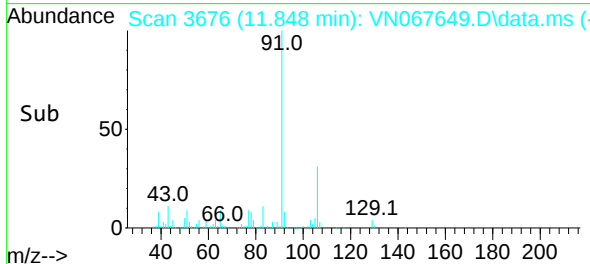
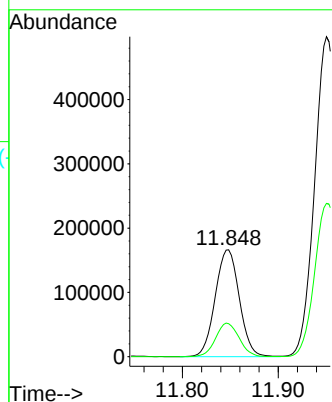
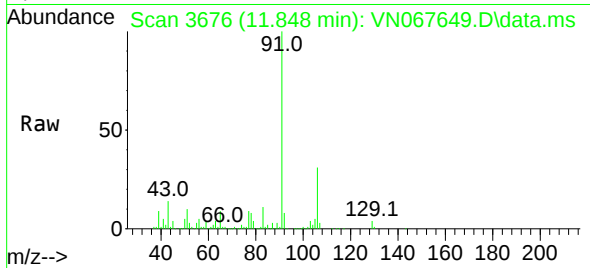




#67
Ethyl Benzene
Concen: 8.743 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

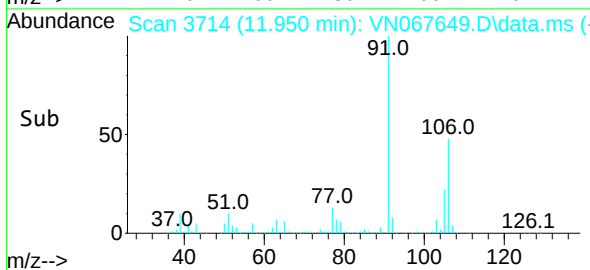
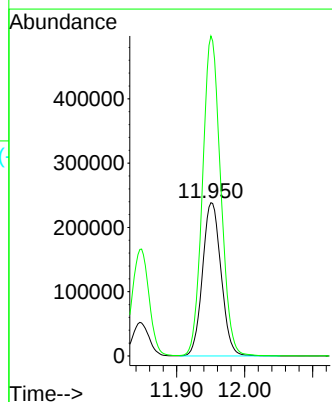
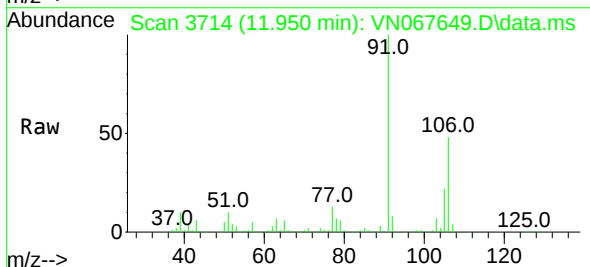
Instrument :
MSVOA_N
ClientSampled :

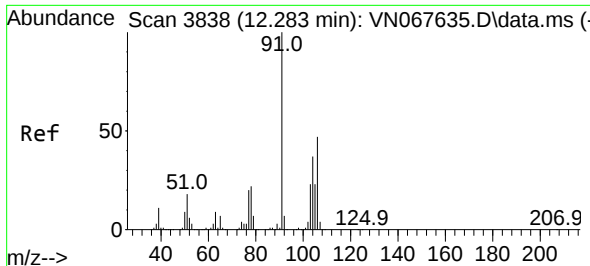
Tgt Ion: 91 Resp: 290482
Ion Ratio Lower Upper
91 100
106 30.9 23.4 35.0



#68
m/p-Xylenes
Concen: 35.986 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion:106 Resp: 452235
Ion Ratio Lower Upper
106 100
91 204.7 180.6 270.8

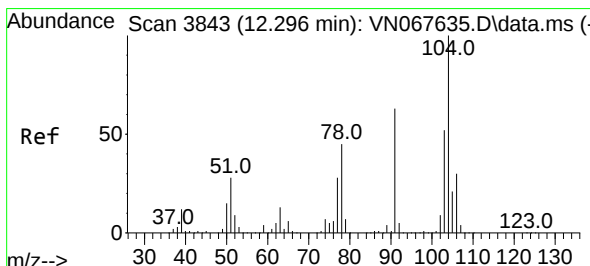
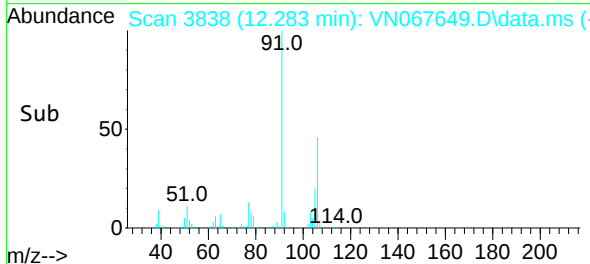
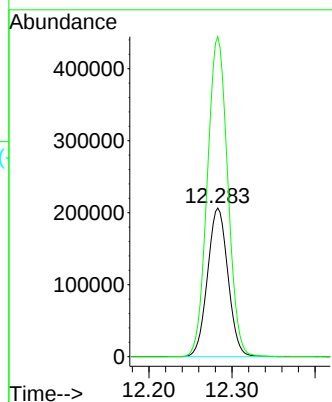
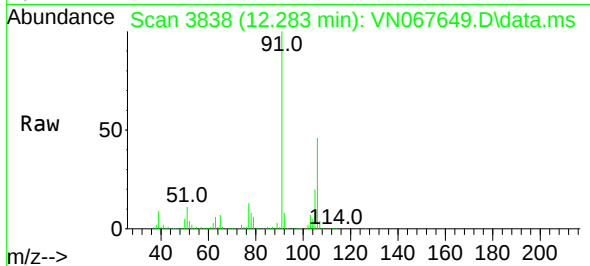




#69
o-Xylene
Concen: 28.527 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

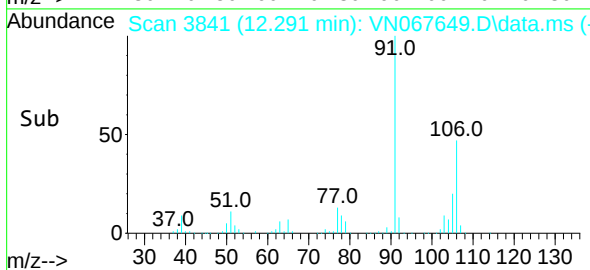
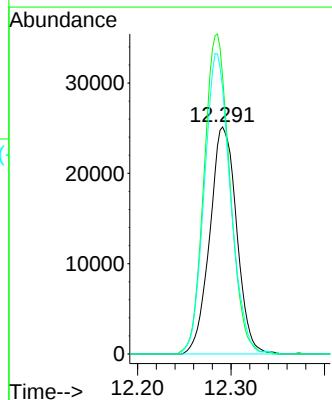
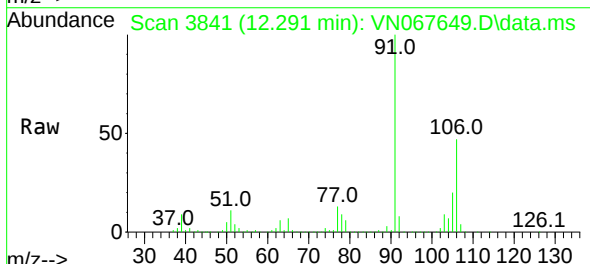
Instrument :
MSVOA_N
ClientSampled :

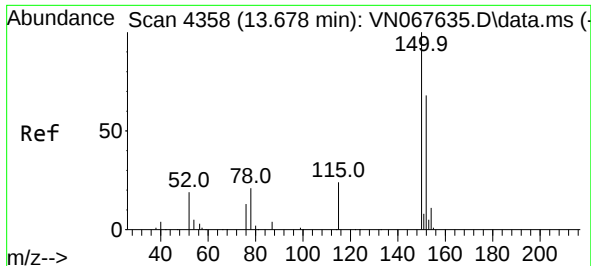
Tgt Ion:106 Resp: 352461
Ion Ratio Lower Upper
106 100
91 215.5 118.3 354.9



#70
Styrene
Concen: 2.539 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.005 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion:104 Resp: 50189
Ion Ratio Lower Upper
104 100
78 135.4 48.2 72.2#
103 128.1 44.5 66.7#

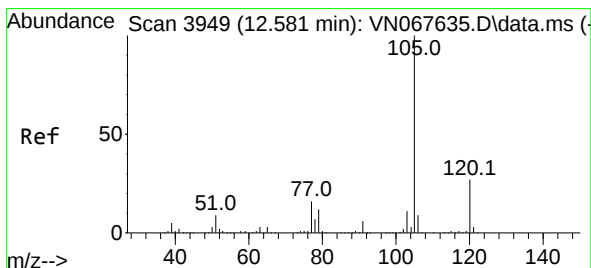
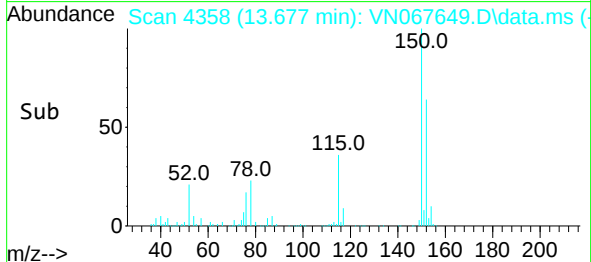
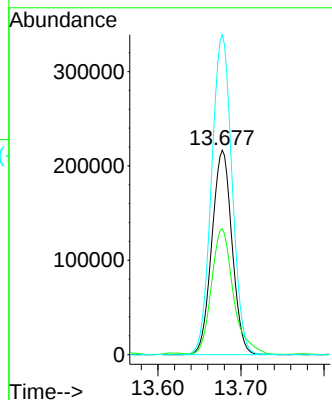
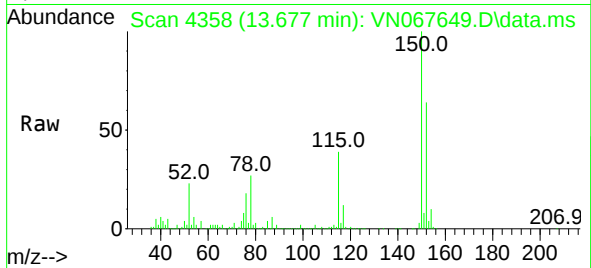




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

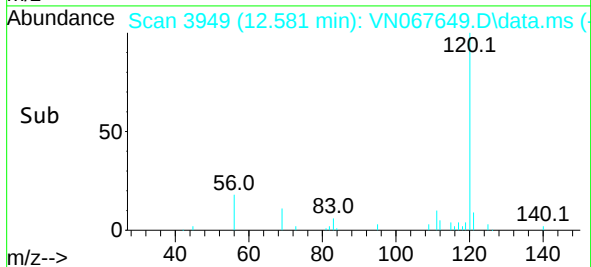
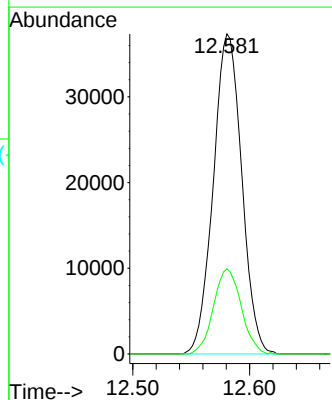
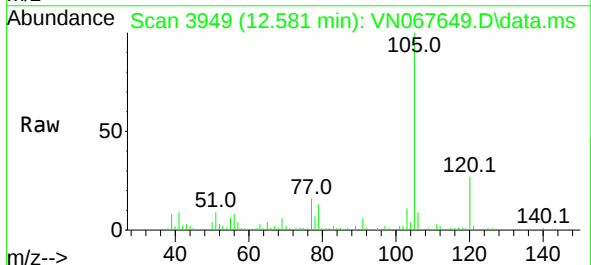
Instrument :
MSVOA_N
ClientSampled :

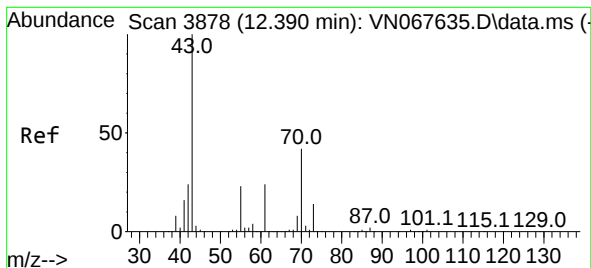
Tgt Ion:152 Resp: 365430
Ion Ratio Lower Upper
152 100
115 66.4 36.1 108.5
150 159.1 0.0 351.8



#73
Isopropylbenzene
Concen: 2.141 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion:105 Resp: 63135
Ion Ratio Lower Upper
105 100
120 25.9 12.5 37.5





#74

N-amy1 acetate

Concen: 2.669 ug/l

RT: 12.355 min Scan# 3865

Delta R.T. -0.035 min

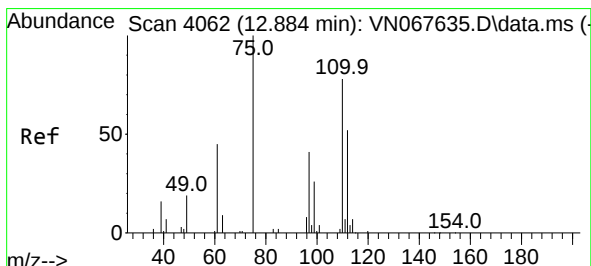
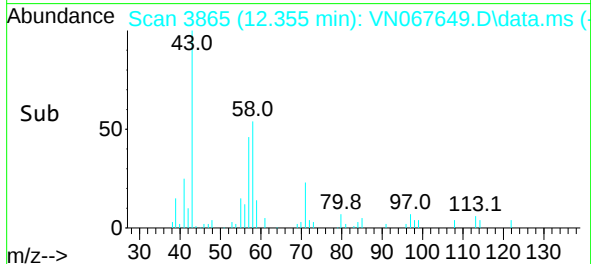
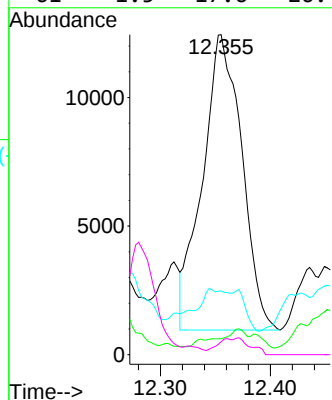
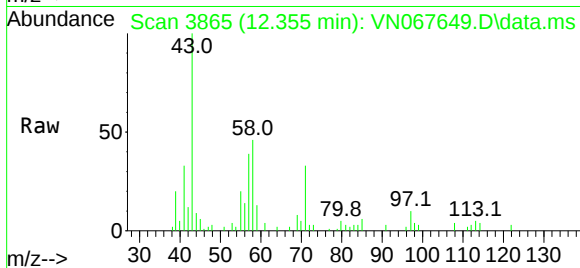
Lab File: VN067649.D

Acq: 7 Jul 2021 21:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 28549

Ion	Ratio	Lower	Upper
43	100		
70	0.7	29.4	44.2#
55	0.0	17.0	25.4#
61	1.5	17.6	26.4#



#76

1,2,3-Trichloropropane

Concen: 28.452 ug/l

RT: 12.733 min Scan# 4006

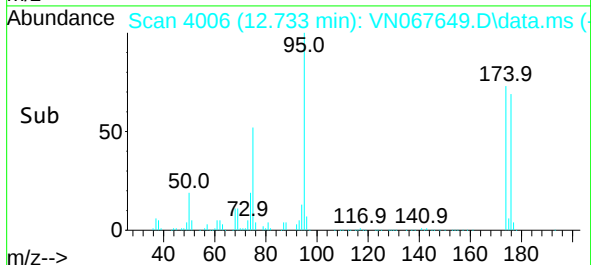
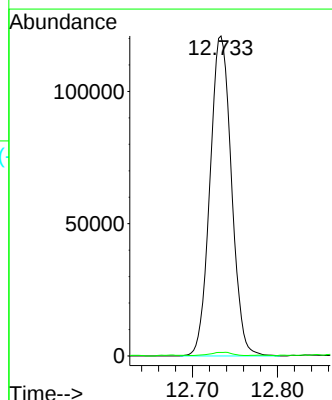
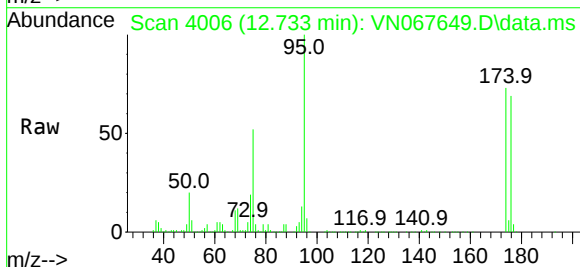
Delta R.T. -0.151 min

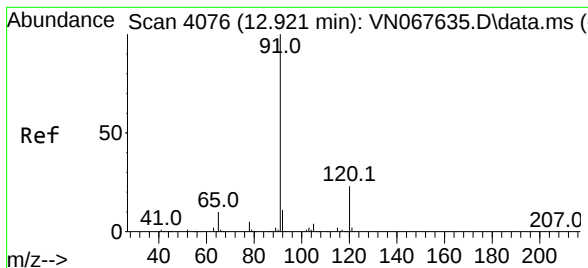
Lab File: VN067649.D

Acq: 7 Jul 2021 21:37

Tgt Ion: 75 Resp: 212332

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#78

n-propylbenzene

Concen: 3.116 ug/l

RT: 12.924 min Scan# 4077

Delta R.T. 0.003 min

Lab File: VN067649.D

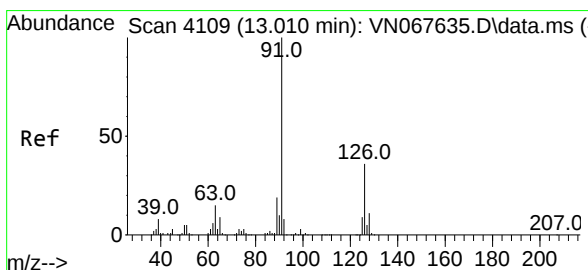
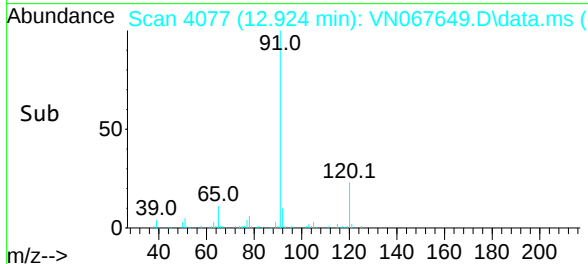
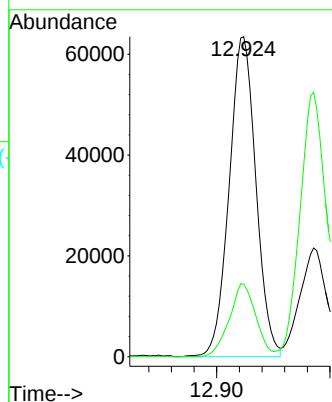
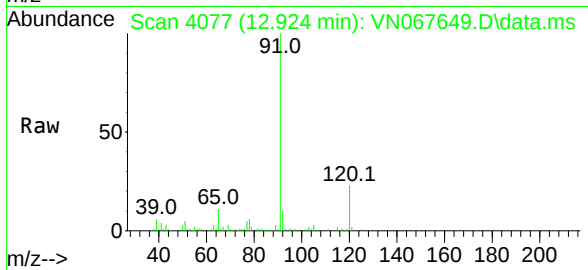
Acq: 7 Jul 2021 21:37

Tgt Ion: 91 Resp: 103920

Ion Ratio Lower Upper

91 100

120 22.6 10.4 31.4



#79

2-Chlorotoluene

Concen: 1.527 ug/l

RT: 12.986 min Scan# 4100

Delta R.T. -0.024 min

Lab File: VN067649.D

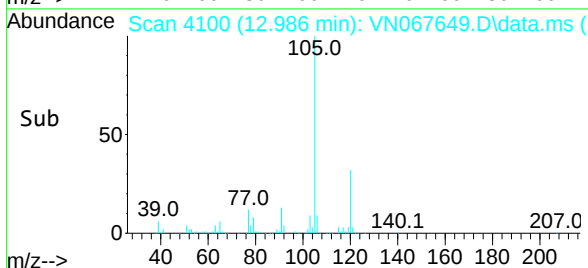
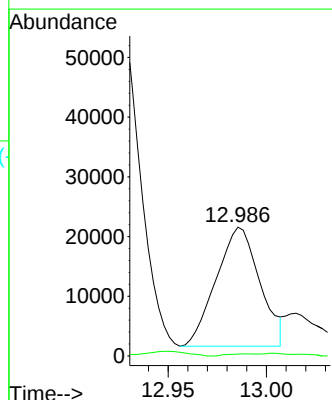
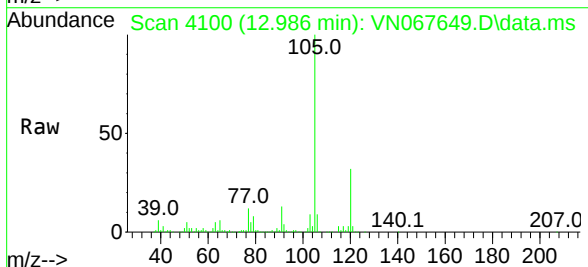
Acq: 7 Jul 2021 21:37

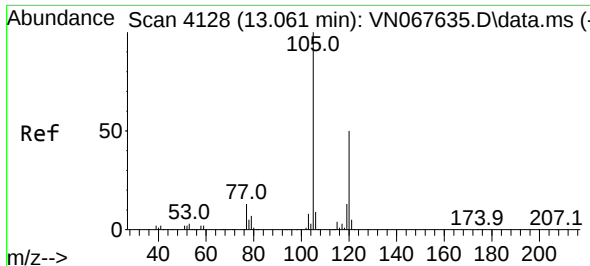
Tgt Ion: 91 Resp: 30762

Ion Ratio Lower Upper

91 100

126 1.2 14.5 43.5#

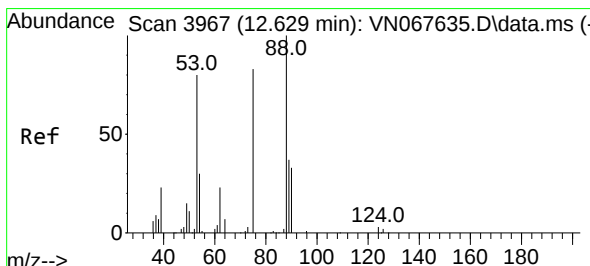
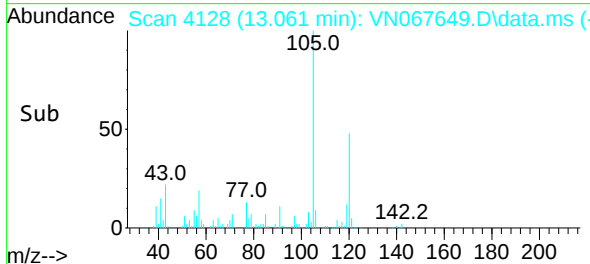
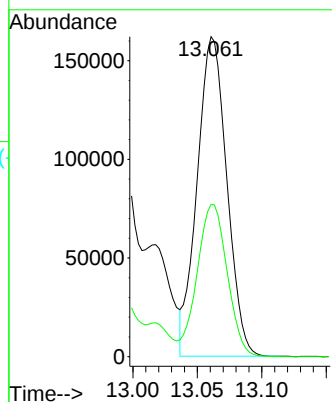
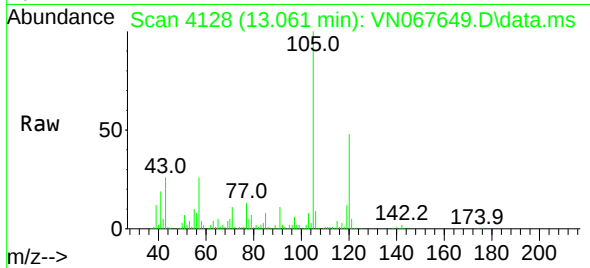




#80
1,3,5-Trimethylbenzene
Concen: 10.852 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

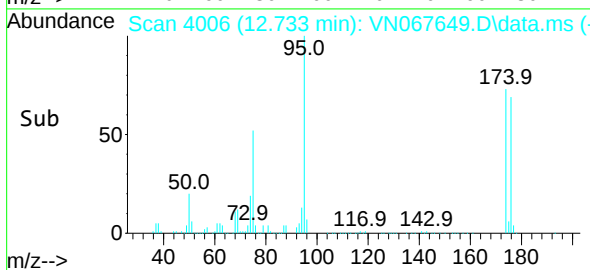
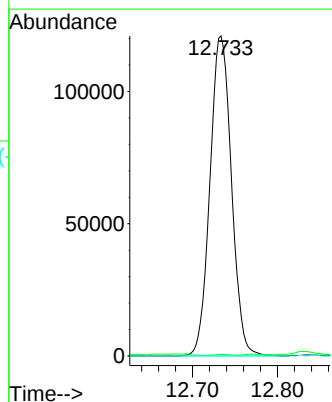
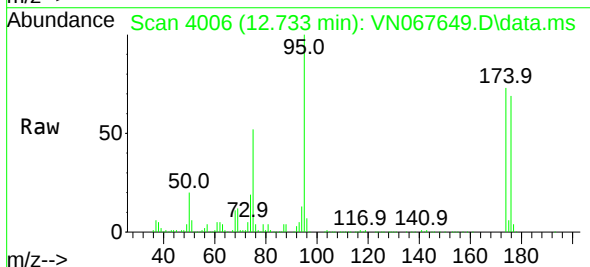
Instrument :
MSVOA_N
ClientSampled :

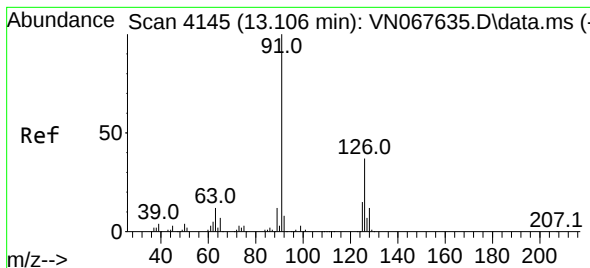
Tgt Ion:105 Resp: 259255
Ion Ratio Lower Upper
105 100
120 48.6 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 91.733 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 75 Resp: 212332
Ion Ratio Lower Upper
75 100
53 0.2 87.6 131.4#
89 0.0 37.8 56.8#

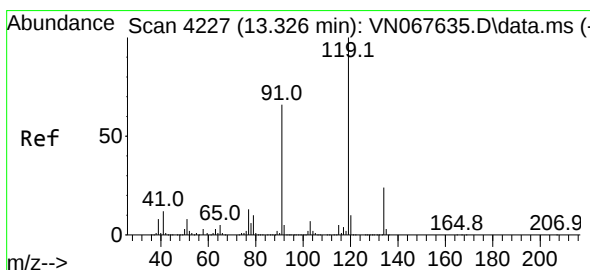
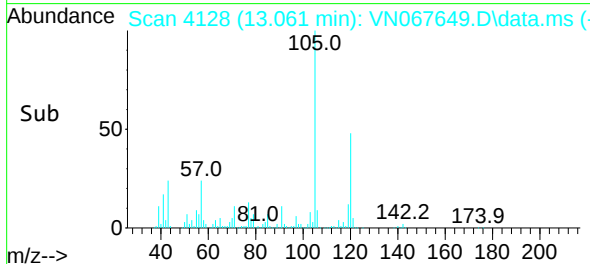
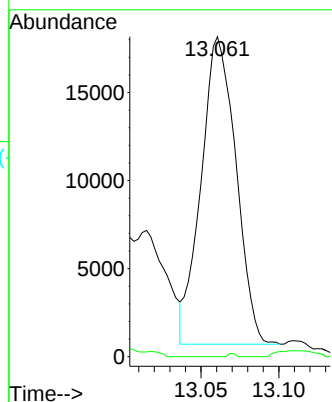
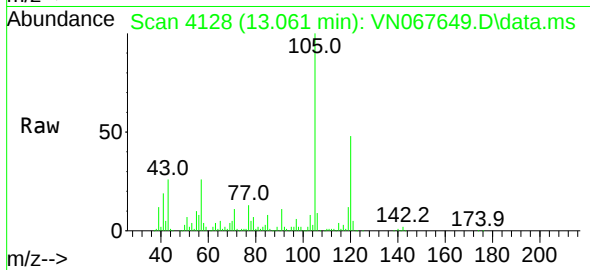




#82
4-Chlorotoluene
Concen: 1.363 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

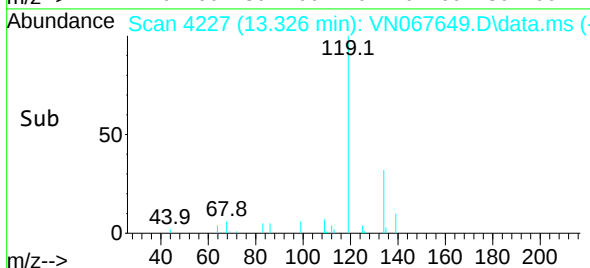
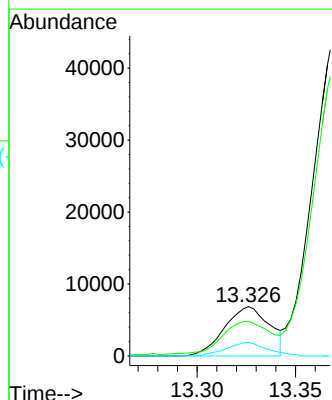
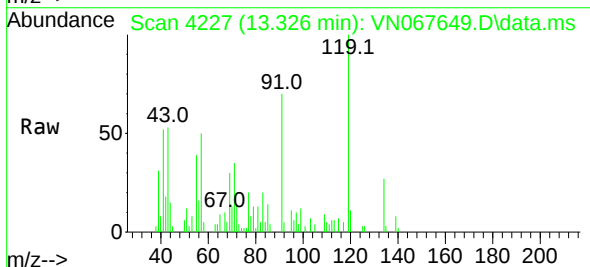
Instrument :
MSVOA_N
ClientSampled :

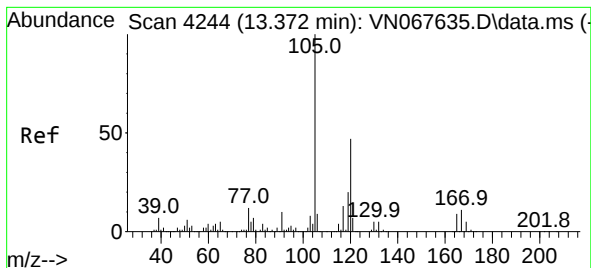
Tgt Ion: 91 Resp: 27180
Ion Ratio Lower Upper
91 100
126 0.2 14.8 44.4#



#83
tert-Butylbenzene
Concen: 0.536 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 119 Resp: 10926
Ion Ratio Lower Upper
119 100
91 71.1 39.5 118.5
134 24.8 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 25.180 ug/l

RT: 13.372 min Scan# 4244

Delta R.T. -0.000 min

Lab File: VN067649.D

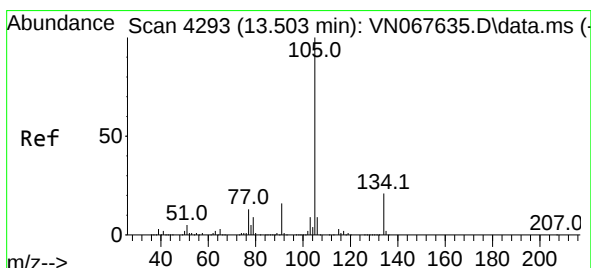
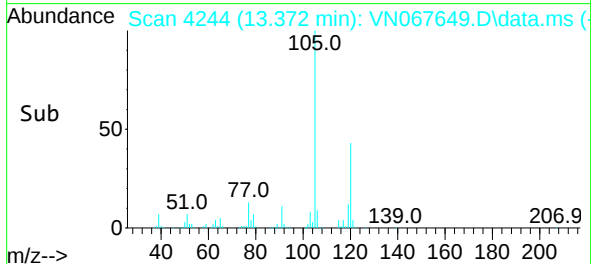
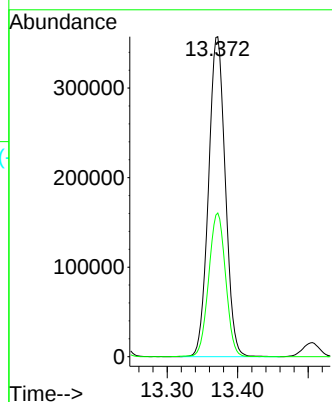
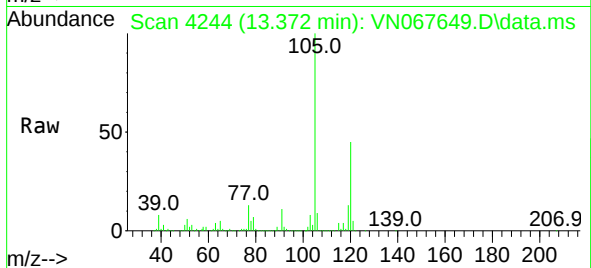
Acq: 7 Jul 2021 21:37

Tgt Ion:105 Resp: 589441

Ion Ratio Lower Upper

105 100

120 45.4 20.6 61.8



#85

sec-Butylbenzene

Concen: 0.939 ug/l

RT: 13.506 min Scan# 4294

Delta R.T. 0.003 min

Lab File: VN067649.D

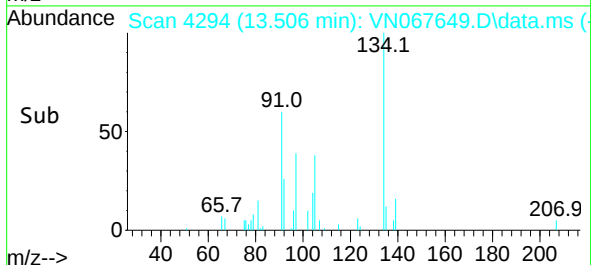
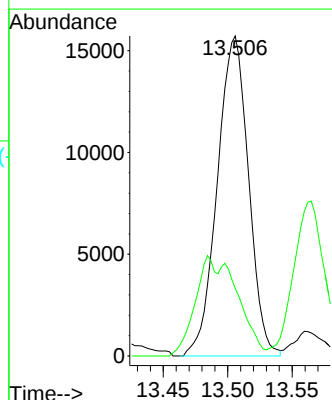
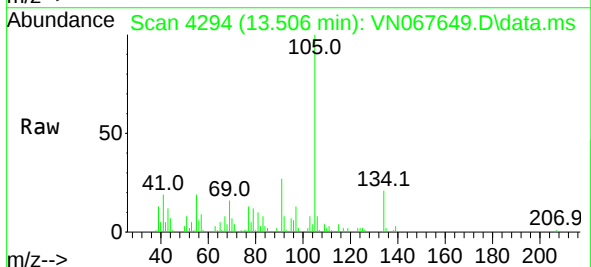
Acq: 7 Jul 2021 21:37

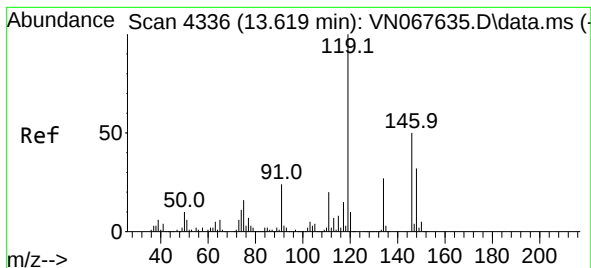
Tgt Ion:105 Resp: 26489

Ion Ratio Lower Upper

105 100

134 0.0 9.0 27.1#

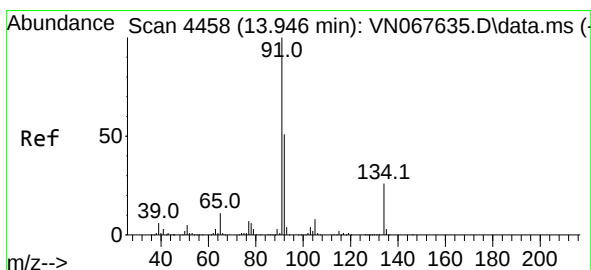
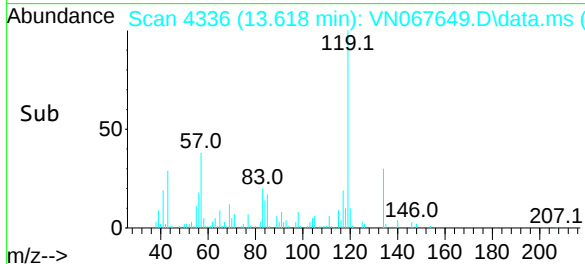
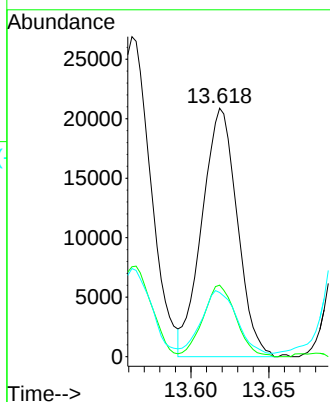
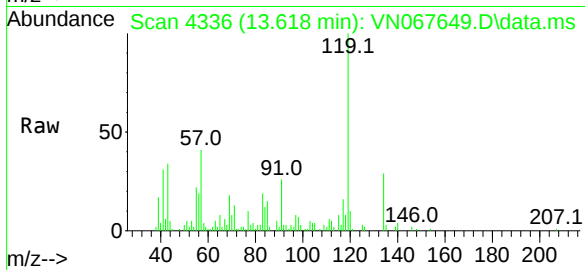




#86
p-Isopropyltoluene
Concen: 1.442 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

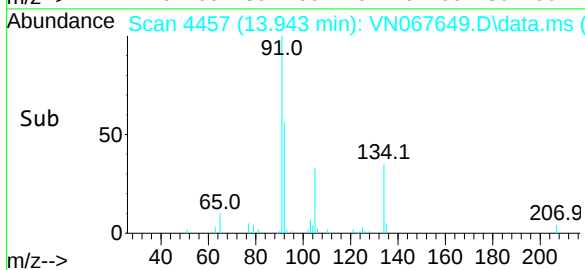
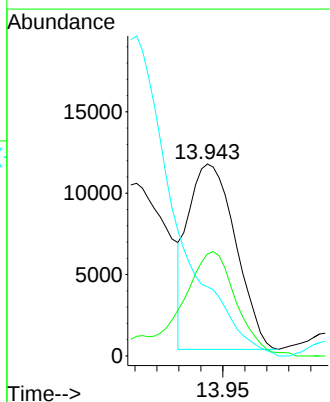
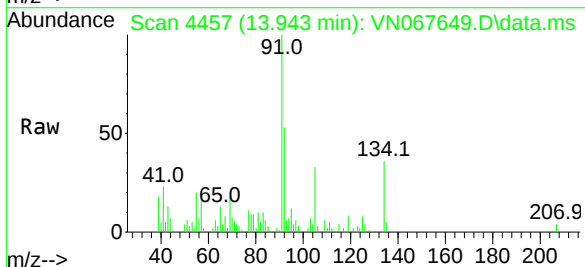
Instrument :
MSVOA_N
ClientSampled :

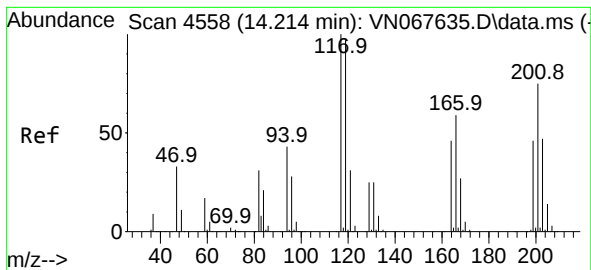
Tgt Ion:119 Resp: 32819
Ion Ratio Lower Upper
119 100
134 26.9 12.4 37.4
91 24.8 14.8 44.3



#89
n-Butylbenzene
Concen: 0.872 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 91 Resp: 17020
Ion Ratio Lower Upper
91 100
92 68.5 25.7 77.1
134 0.0 11.2 33.6#

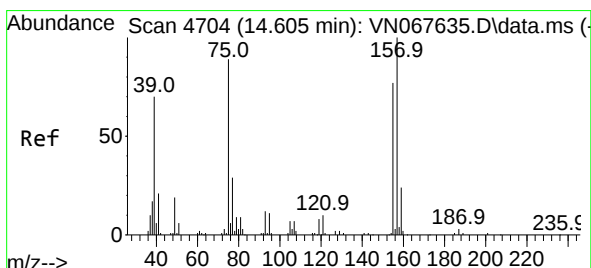
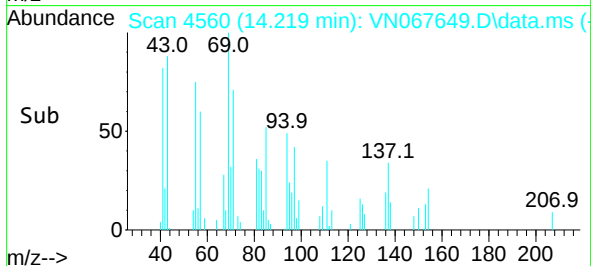
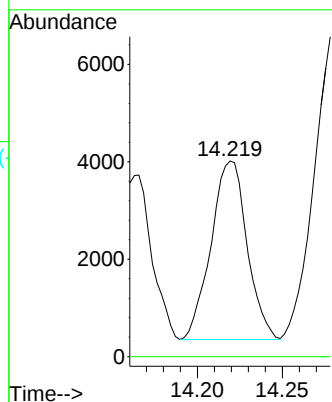
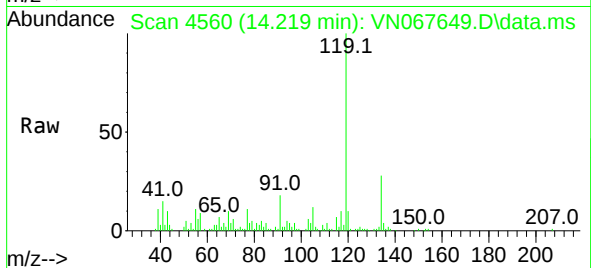




#90
Hexachloroethane
Concen: 1.431 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.005 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

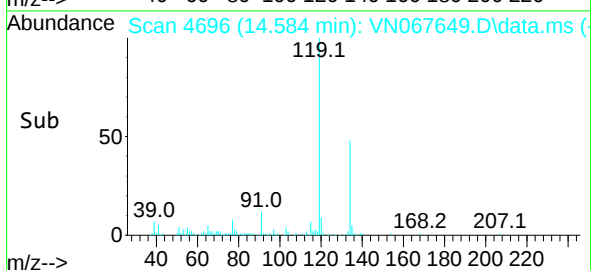
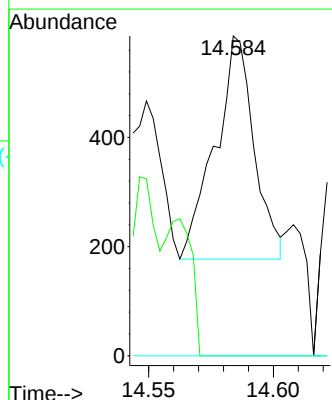
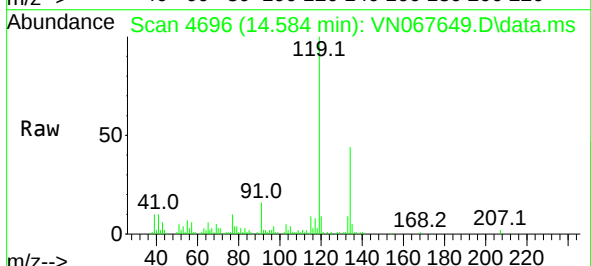
Instrument :
MSVOA_N
ClientSampleId :

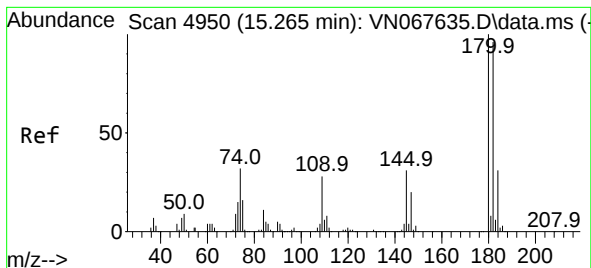
Tgt Ion:117 Resp: 5409
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.299 ug/l
RT: 14.584 min Scan# 4696
Delta R.T. -0.021 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

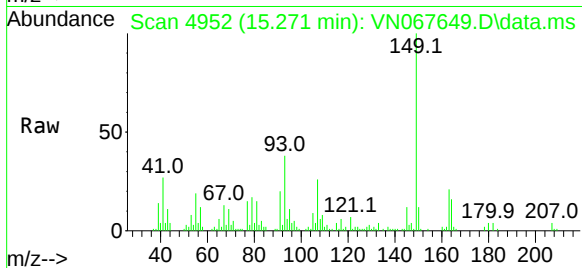
Tgt Ion: 75 Resp: 445
Ion Ratio Lower Upper
75 100
155 0.0 29.8 89.5#
157 0.0 37.6 112.8#



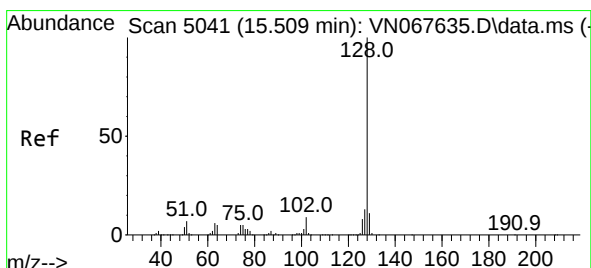
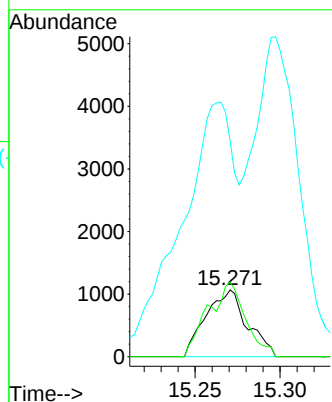
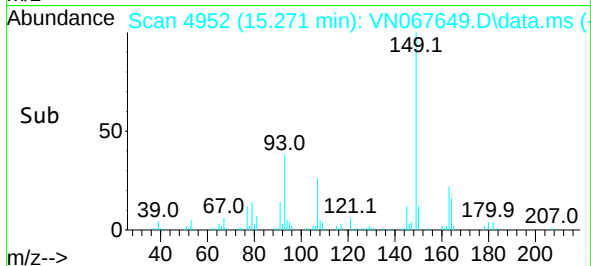


#93
1,2,4-Trichlorobenzene
Concen: 2.954 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

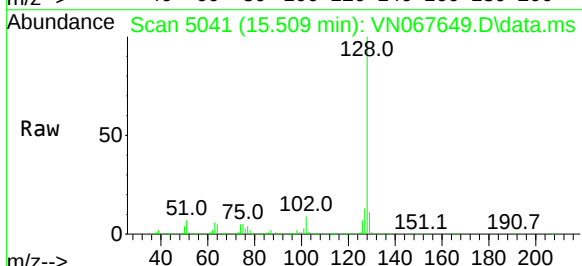
Instrument :
MSVOA_N
ClientSampled :



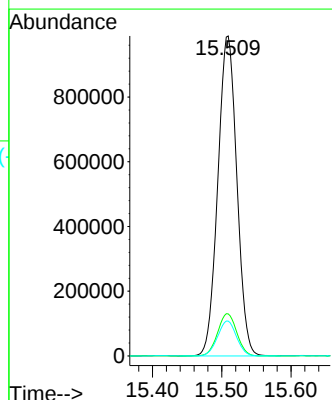
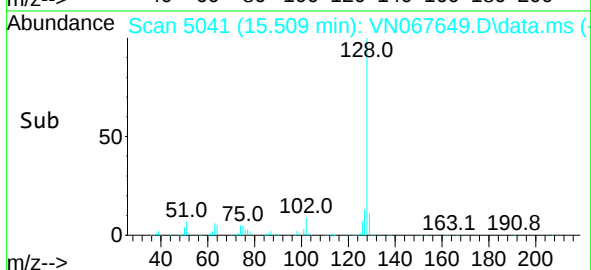
Tgt Ion:180 Resp: 1798
Ion Ratio Lower Upper
180 100
182 101.9 47.5 142.5
145 500.0 17.2 51.6#

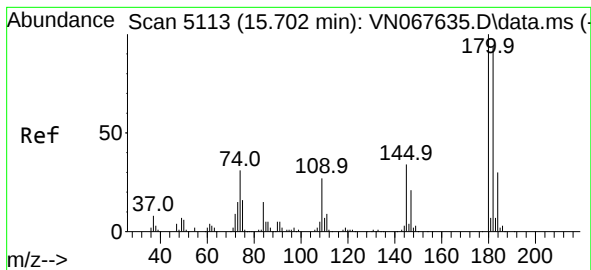


#95
Naphthalene
Concen: 101.860 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



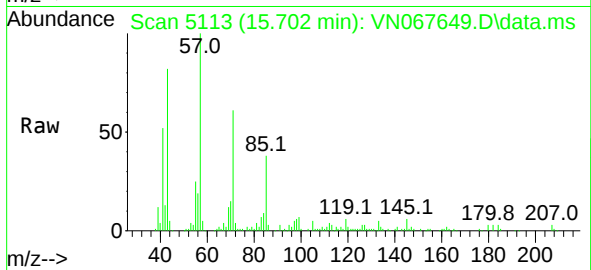
Tgt Ion:128 Resp: 1881971
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.010 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN067649.D
 Acq: 7 Jul 2021 21:37

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 2323
 Ion Ratio Lower Upper
 180 100
 182 109.9 47.8 143.3
 145 0.0 18.2 54.6#

