

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069075.D
 Acq On : 20 Oct 2021 20:48
 Operator : JC/MD
 Sample : M4253-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 23:16:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	330661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	576584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	536061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	253386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217085	49.794	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.580%
35) Dibromofluoromethane	8.024	113	171071	50.996	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.000%
50) Toluene-d8	10.443	98	715845	53.332	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.734	95	275002	54.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.600%

Target Compounds			Qvalue			
3) Chloromethane	2.303	50	1268	0.314	ug/l #	42
11) Tert butyl alcohol	5.313	59	285	0.358	ug/l #	72
13) Acrolein	4.004	56	3375	9.577	ug/l #	1
15) Acrylonitrile	5.626	53	2720	1.524	ug/l #	37
16) Acetone	4.293	43	14753	9.068	ug/l	96
17) Carbon Disulfide	4.540	76	5141	0.593	ug/l	99
18) Methyl Acetate	4.873	43	7608	1.233	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	107119	9.004	ug/l #	23
22) Diisopropyl ether	6.503	45	7639	0.641	ug/l	93
25) 2-Butanone	7.348	43	4709	1.914	ug/l	98
29) Tetrahydrofuran	7.842	42	512	0.321	ug/l #	1
31) Cyclohexane	8.096	56	119943	17.695	ug/l #	88
36) 1,1-Dichloropropene	8.088	75	27201	5.523	ug/l #	49
37) Ethyl Acetate	7.348	43	4709	0.926	ug/l #	68
38) Carbon Tetrachloride	8.088	117	35075	6.485	ug/l #	15
39) Methylcyclohexane	9.462	83	110440	17.423	ug/l	98
40) Benzene	8.464	78	389227	25.954	ug/l	99
41) Methacrylonitrile	7.850	41	5924	2.310	ug/l #	1
42) 1,2-Dichloroethane	8.461	62	3412	0.642	ug/l	93
43) Isopropyl Acetate	8.633	43	66684	7.430	ug/l #	56
45) 1,2-Dichloropropane	9.462	63	930	0.239	ug/l #	1
48) Methyl methacrylate	9.644	41	8681	2.059	ug/l #	60
51) 4-Methyl-2-Pentanone	10.331	43	2163	0.416	ug/l	100
52) Toluene	10.508	92	1022905	106.017	ug/l	98
53) t-1,3-Dichloropropene	10.508	75	12882	2.066	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	11161	2.934	ug/l #	18
56) Ethyl methacrylate	10.786	69	2254	0.353	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.022	63	51	18.783	ug/l #	47
59) 2-Hexanone	11.095	43	1599	0.428	ug/l	86
67) Ethyl Benzene	11.953	91	6228238	330.540	ug/l #	69
68) m/p-Xylenes	11.953	106	2986323	418.080	ug/l	100
69) o-Xylene	12.283	106	2253016	315.117	ug/l	99
70) Styrene	12.283	104	110220	9.470	ug/l #	1
76) 1,2,3-Trichloropropane	12.983	75	18416	3.416	ug/l #	1
78) n-propylbenzene	12.986	91	271910	11.472	ug/l #	1
79) 2-Chlorotoluene	12.986	91	271910	18.613	ug/l #	42

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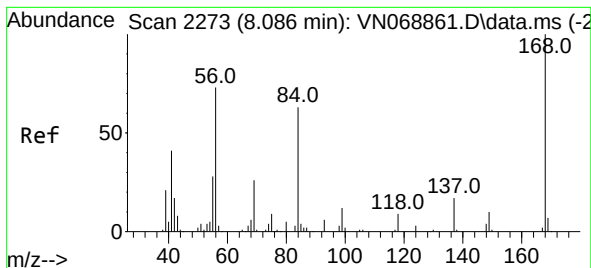
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	13.061	105	1218069	69.338	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.734	75	145241	64.452	ug/l #	12
82) 4-Chlorotoluene	13.061	91	134815	9.550	ug/l #	42
83) tert-Butylbenzene	13.372	119	198864	13.004	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.369	105	1663007	98.252	ug/l	99
85) sec-Butylbenzene	13.369	105	1663007	78.523	ug/l #	57
86) p-Isopropyltoluene	13.619	119	28151	1.657	ug/l	100
89) n-Butylbenzene	13.879	91	105672	7.472	ug/l	71
90) Hexachloroethane	14.219	117	43167	12.097	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.581	75	3801	3.235	ug/l #	5
95) Naphthalene	15.507	128	309762	28.146	ug/l	99

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

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Response via : Initial Calibration

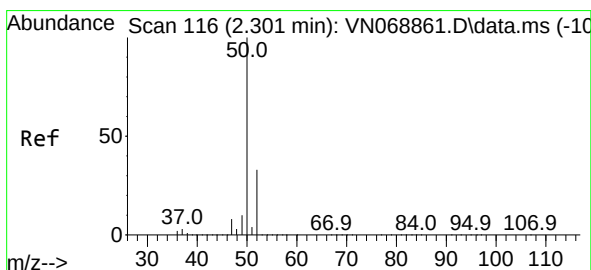
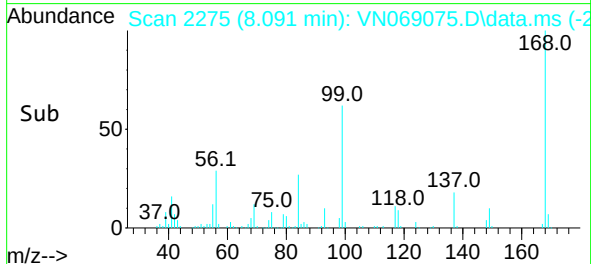
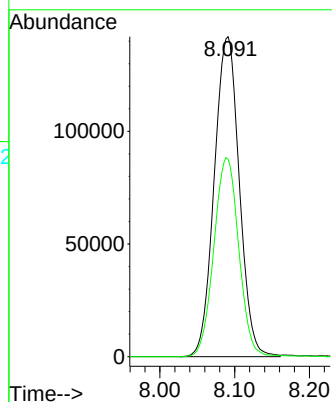
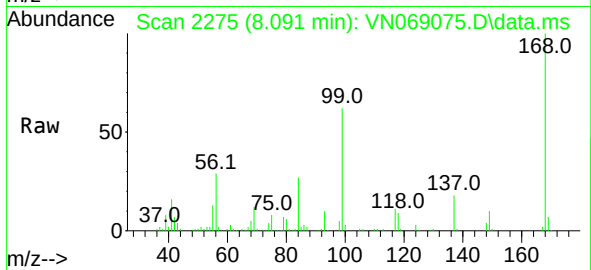




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

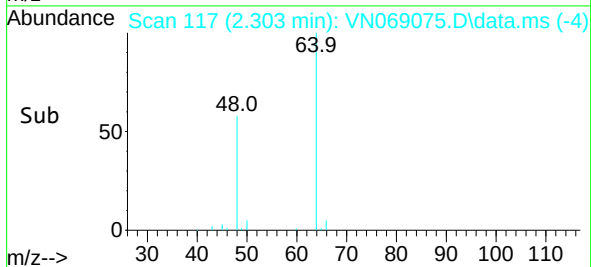
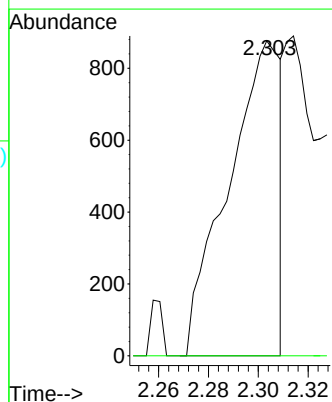
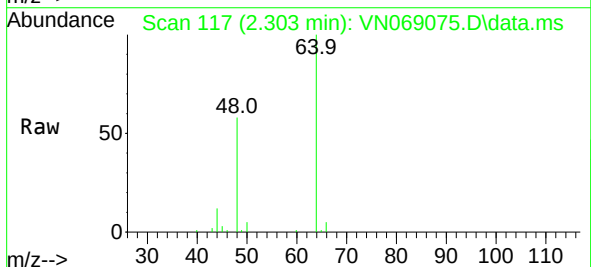
Instrument :
MSVOA_N
ClientSampleId :

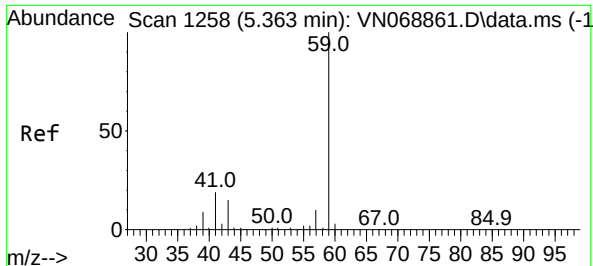
Tgt Ion:168 Resp: 330661
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#3
Chloromethane
Concen: 0.314 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 50 Resp: 1268
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#



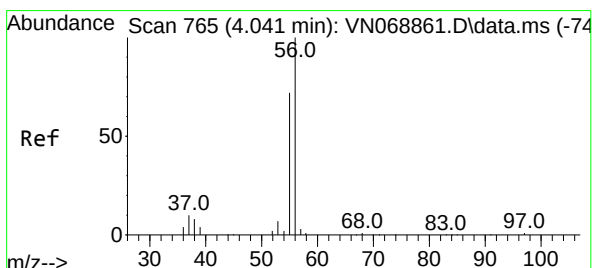
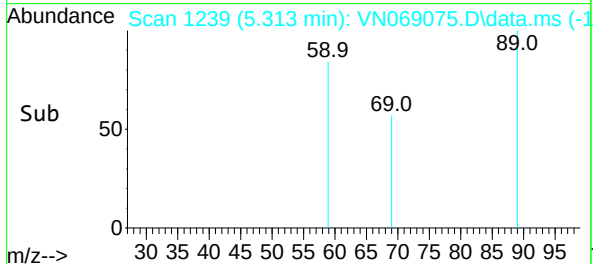
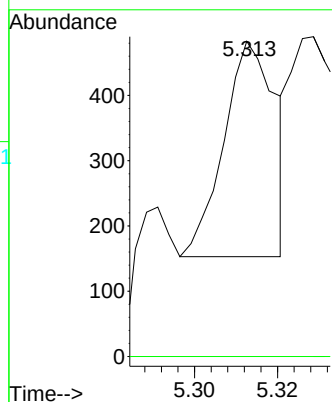
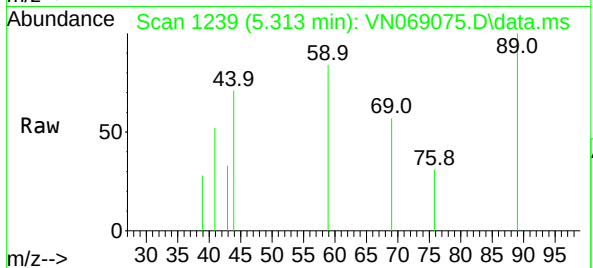


#11

Tert butyl alcohol
Concen: 0.358 ug/l
RT: 5.313 min Scan# 1239
Delta R.T. -0.051 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Instrument :
MSVOA_N
ClientSampled :

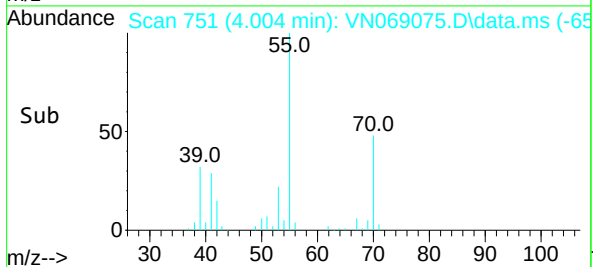
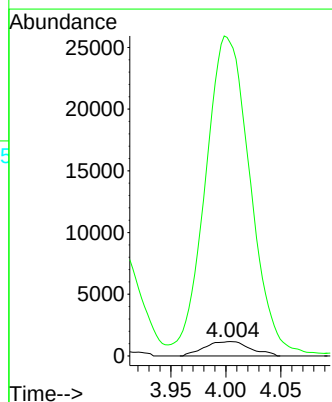
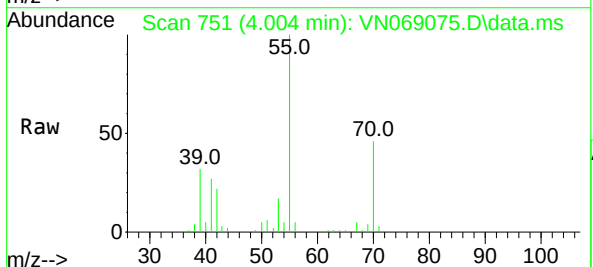
Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

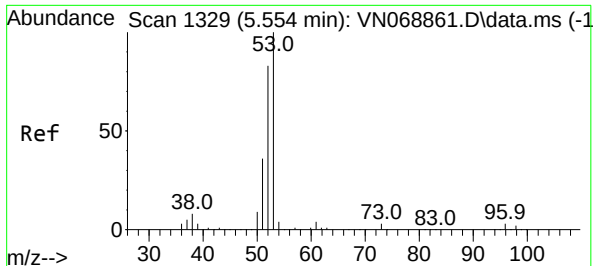


#13

Acrolein
Concen: 9.577 ug/l
RT: 4.004 min Scan# 751
Delta R.T. -0.037 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 56 Resp: 3375
Ion Ratio Lower Upper
56 100
55 2143.3 58.1 87.1#

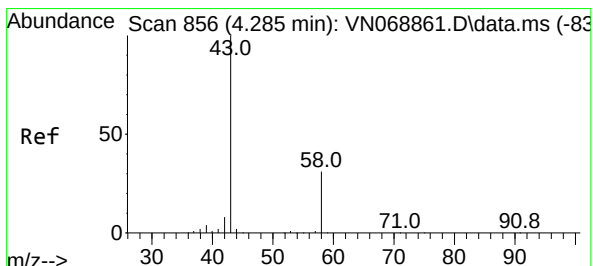
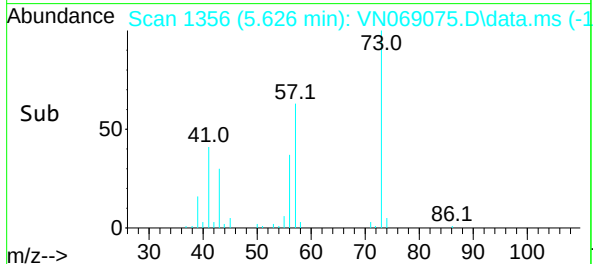
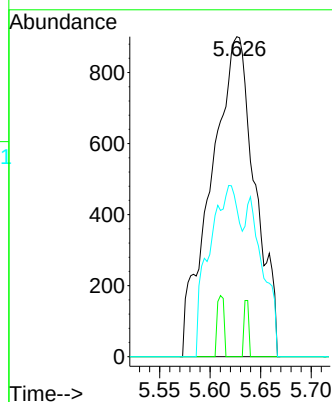
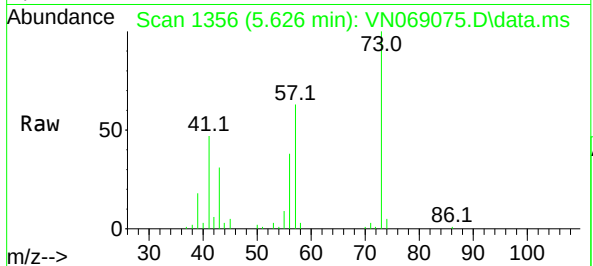




#15
Acrylonitrile
Concen: 1.524 ug/l
RT: 5.626 min Scan# 1356
Delta R.T. 0.073 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

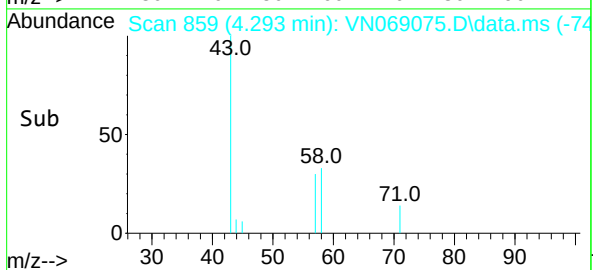
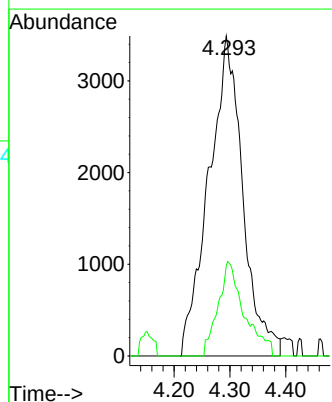
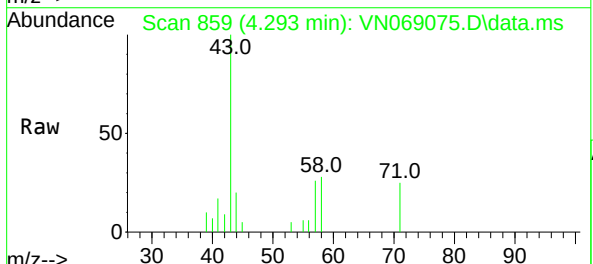
Instrument :
MSVOA_N
ClientSampled :

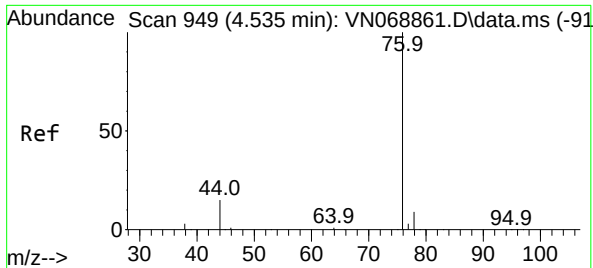
Tgt Ion: 53 Resp: 2720
Ion Ratio Lower Upper
53 100
52 1.9 65.7 98.5#
51 37.2 28.9 43.3



#16
Acetone
Concen: 9.068 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 43 Resp: 14753
Ion Ratio Lower Upper
43 100
58 28.3 24.5 36.7

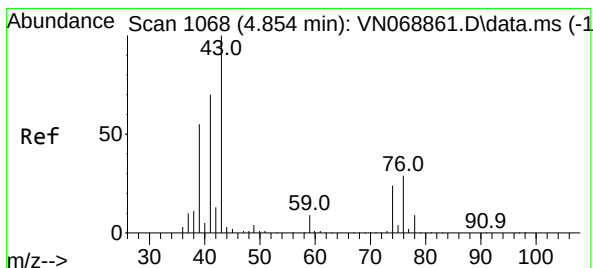
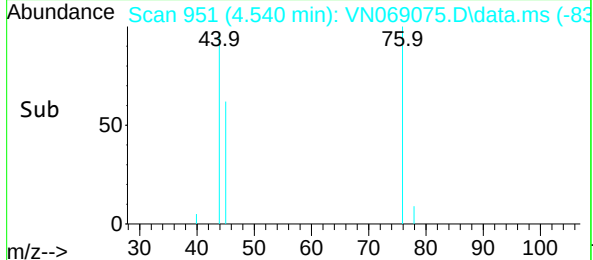
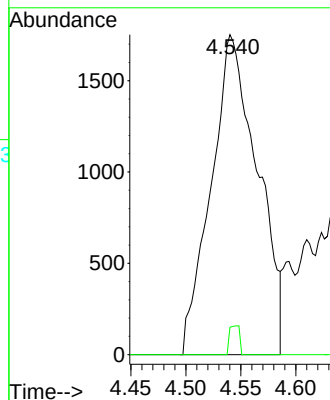
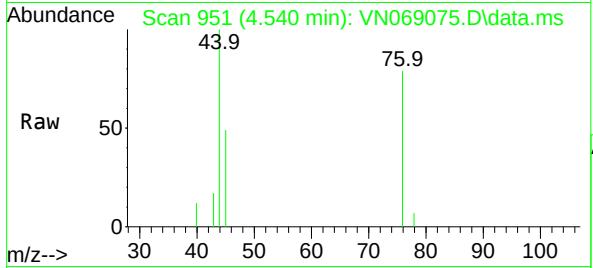




#17
Carbon Disulfide
Concen: 0.593 ug/l
RT: 4.540 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

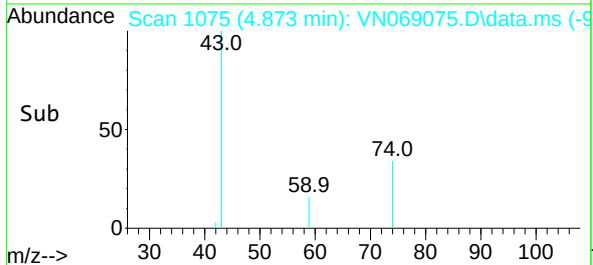
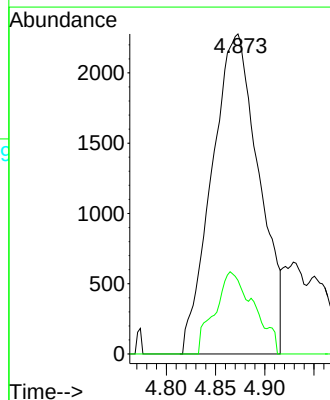
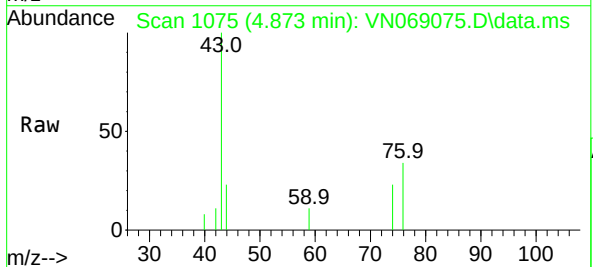
Instrument :
MSVOA_N
ClientSampled :

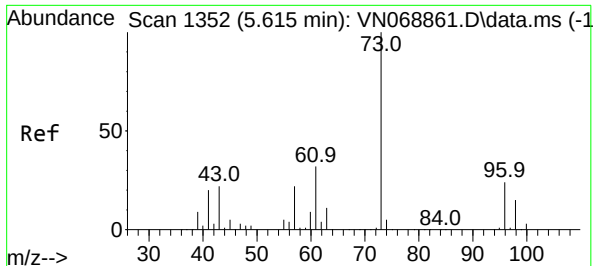
Tgt Ion: 76 Resp: 5141
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 1.233 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.019 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 43 Resp: 7608
Ion Ratio Lower Upper
43 100
74 21.2 18.9 28.3



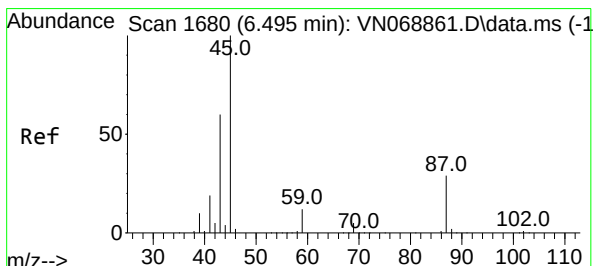
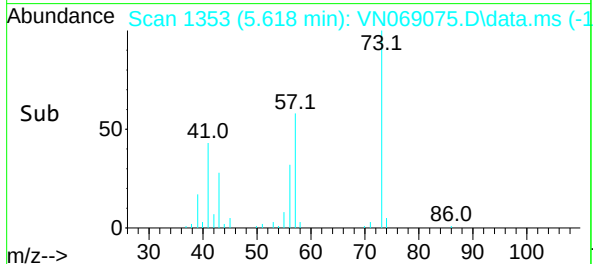
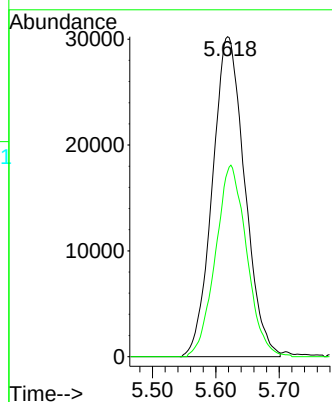
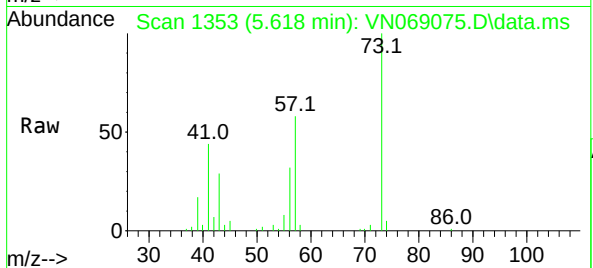


#19

Methyl tert-butyl Ether
Concen: 9.004 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.003 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Instrument :
MSVOA_N
ClientSampled :

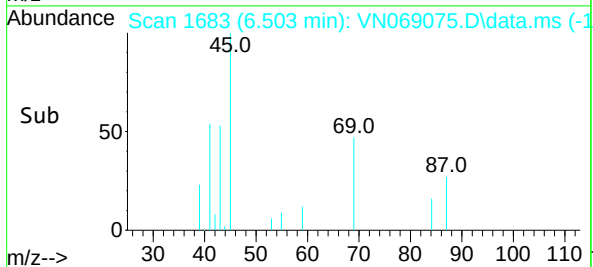
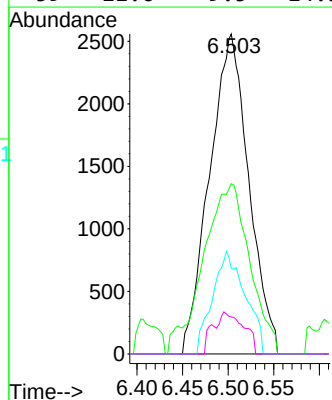
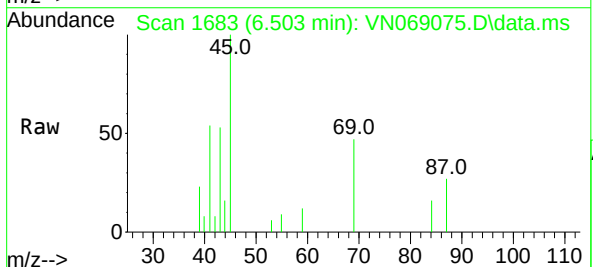
Tgt Ion: 73 Resp: 107119
Ion Ratio Lower Upper
73 100
57 57.8 17.3 25.9#

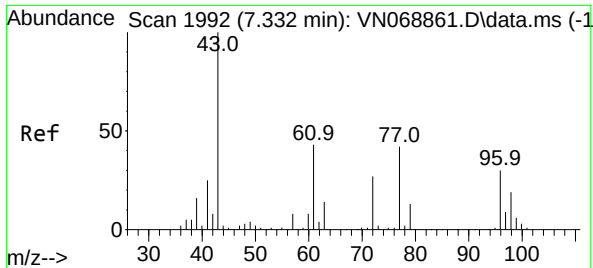


#22

Diisopropyl ether
Concen: 0.641 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.008 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 45 Resp: 7639
Ion Ratio Lower Upper
45 100
43 53.2 48.0 72.0
87 26.7 23.4 35.0
59 11.6 9.5 14.3

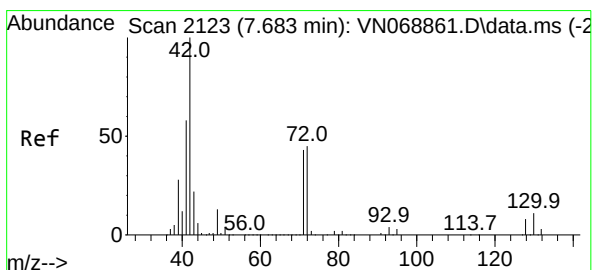
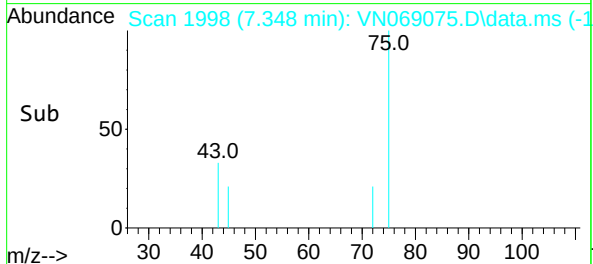
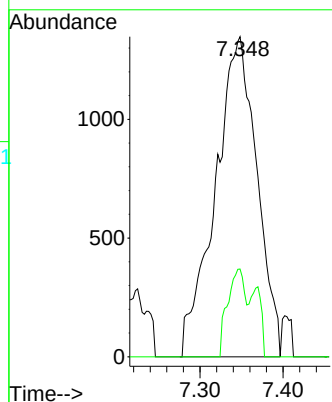
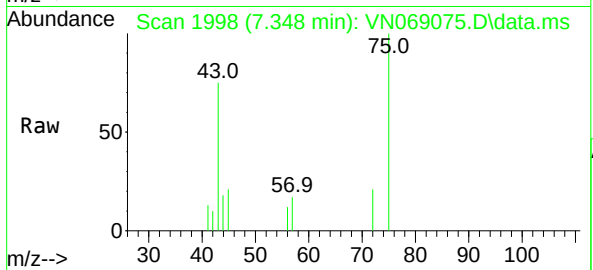




#25
2-Butanone
Concen: 1.914 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.016 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

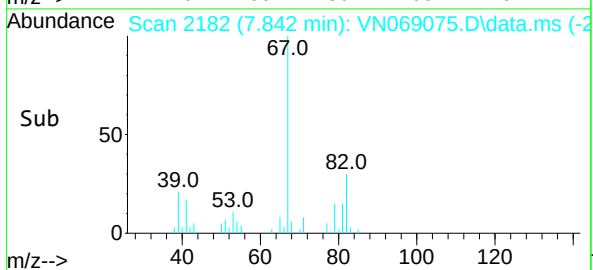
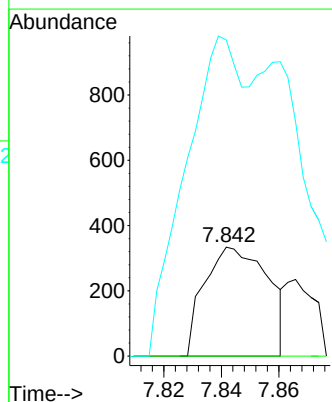
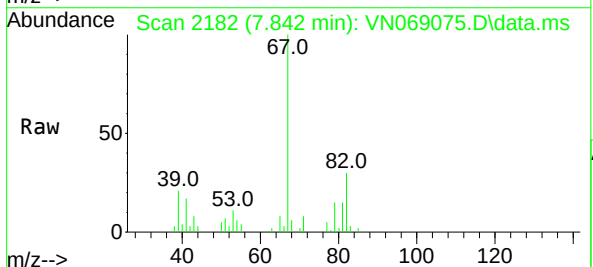
Instrument :
MSVOA_N
ClientSampled :

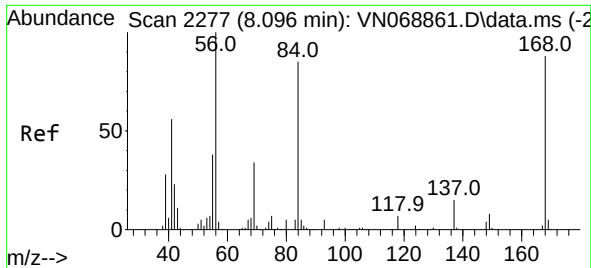
Tgt Ion: 43 Resp: 4709
Ion Ratio Lower Upper
43 100
72 27.4 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.321 ug/l
RT: 7.842 min Scan# 2182
Delta R.T. 0.158 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 42 Resp: 512
Ion Ratio Lower Upper
42 100
72 0.0 35.4 53.2#
71 279.7 33.8 50.6#

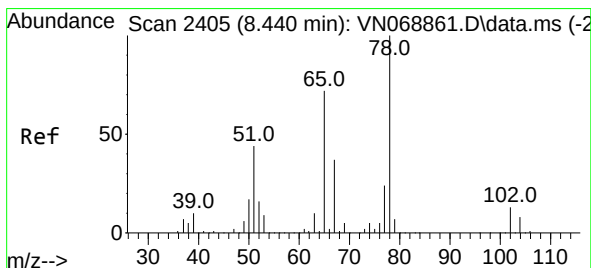
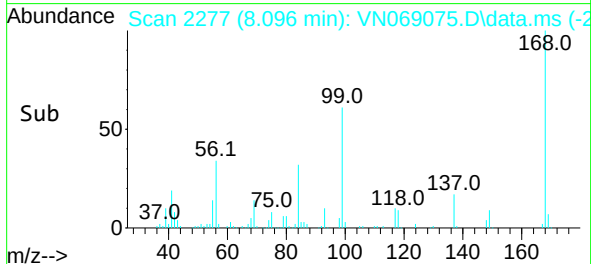
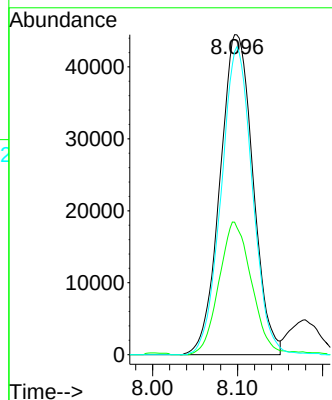
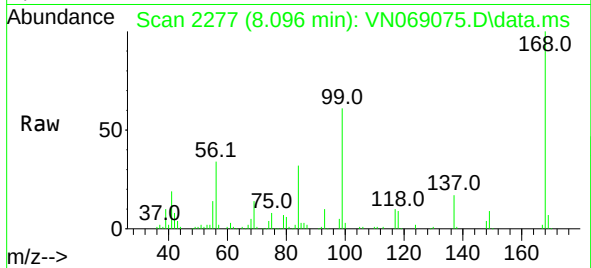




#31
Cyclohexane
Concen: 17.695 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

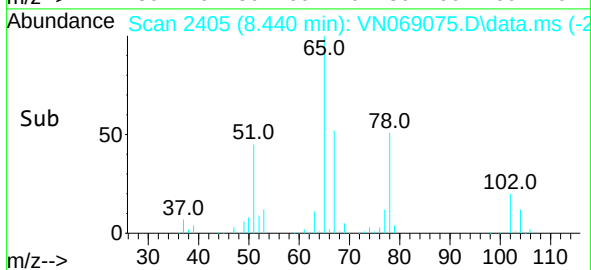
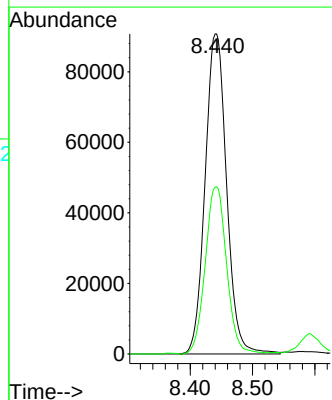
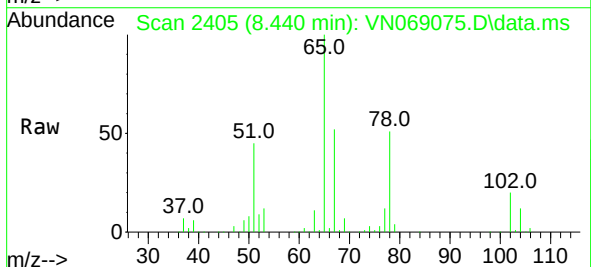
Instrument :
MSVOA_N
ClientSampled :

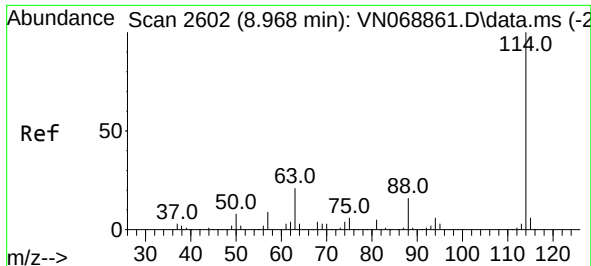
Tgt Ion: 56 Resp: 119943
Ion Ratio Lower Upper
56 100
69 41.4 26.9 40.3#
84 94.7 67.6 101.4



#33
1,2-Dichloroethane-d4
Concen: 49.794 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 65 Resp: 217085
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8

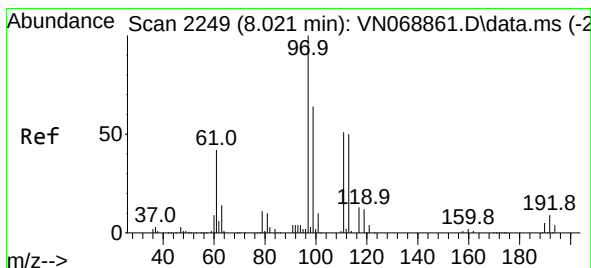
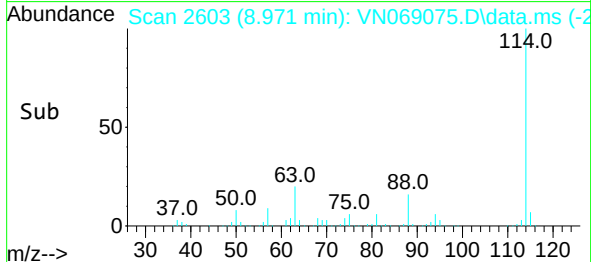
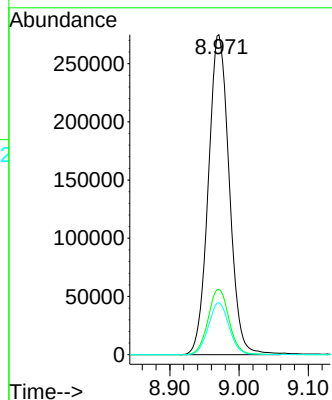
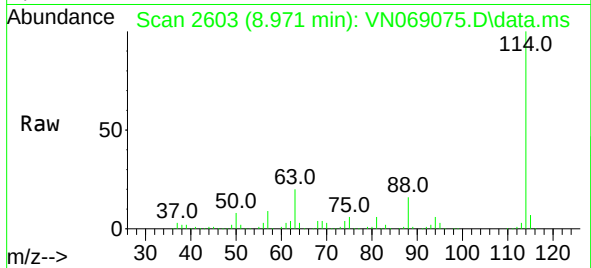




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

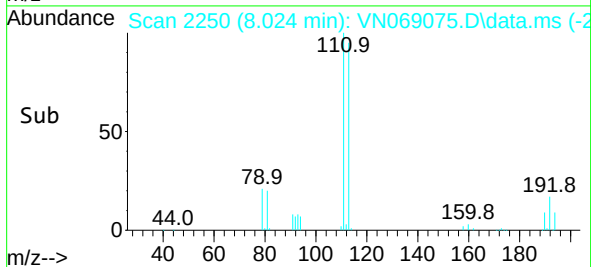
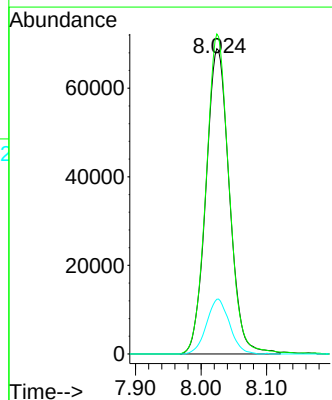
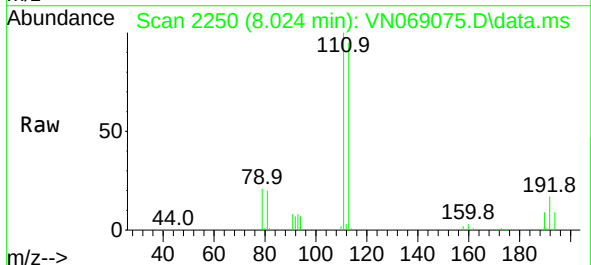
Instrument :
MSVOA_N
ClientSampled :

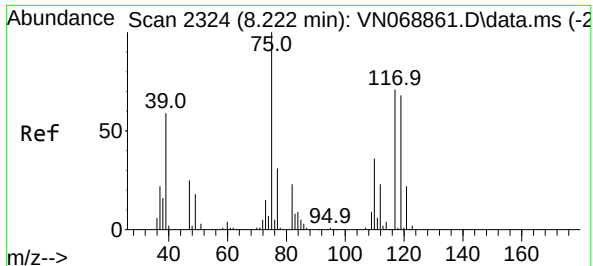
Tgt Ion:114 Resp: 576584
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 16.3 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.996 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

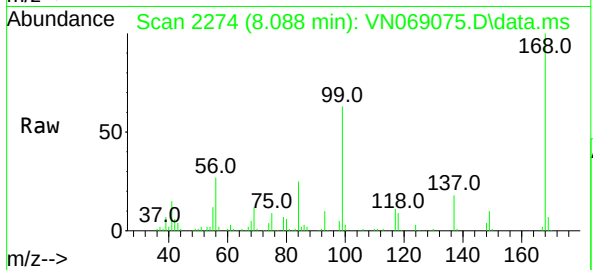
Tgt Ion:113 Resp: 171071
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 17.6 15.0 22.4



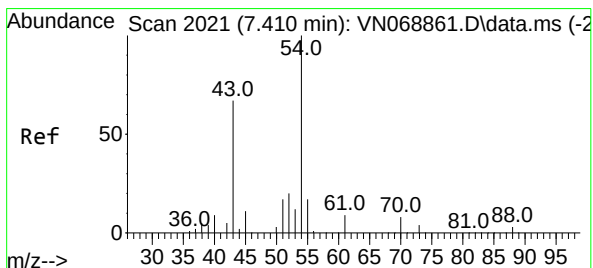
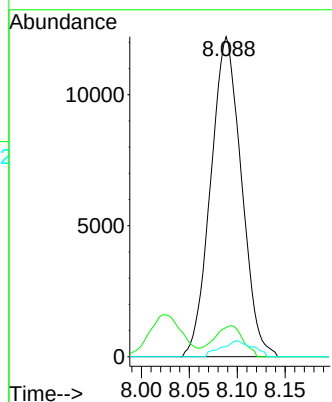
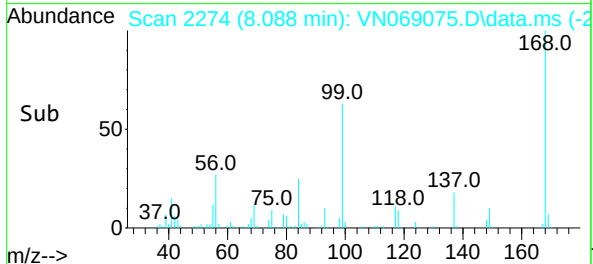


#36
1,1-Dichloropropene
Concen: 5.523 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

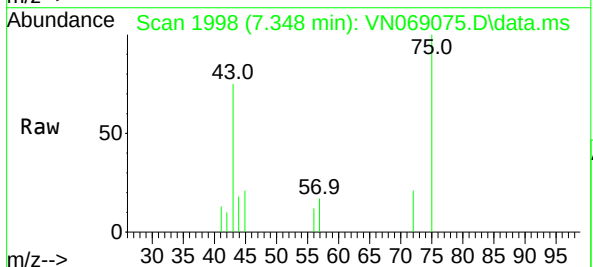
Instrument :
MSVOA_N
ClientSampled :



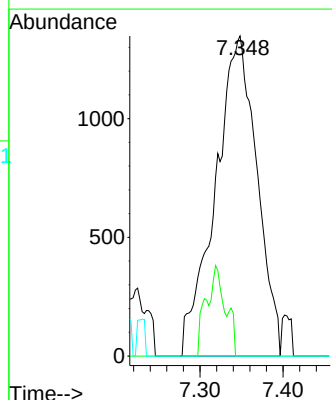
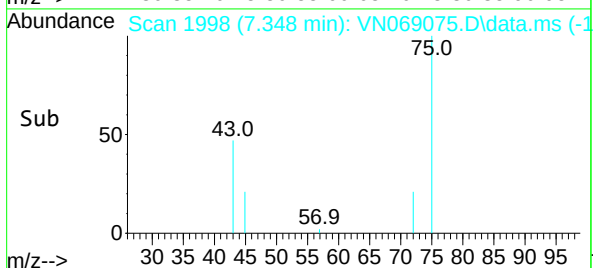
Tgt Ion: 75 Resp: 27201
Ion Ratio Lower Upper
75 100
110 9.1 17.9 53.8#
77 0.0 24.7 37.1#

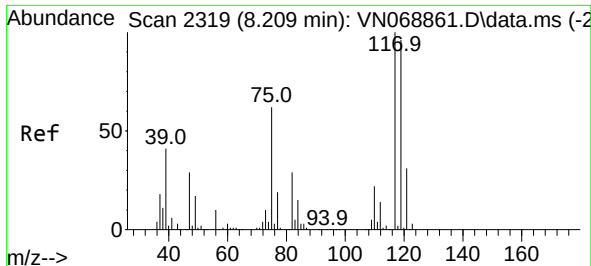


#37
Ethyl Acetate
Concen: 0.926 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. -0.062 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48



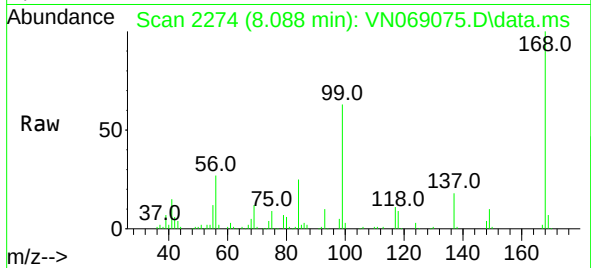
Tgt Ion: 43 Resp: 4709
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#



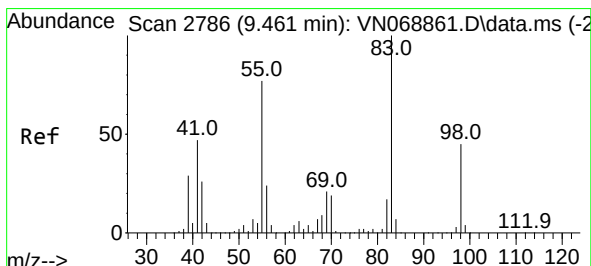
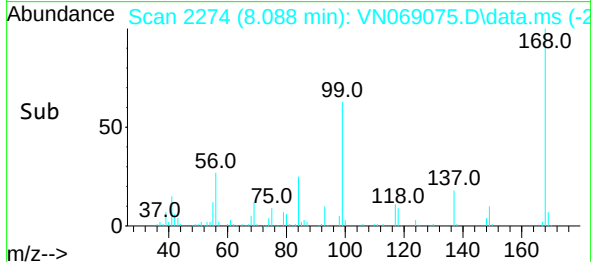
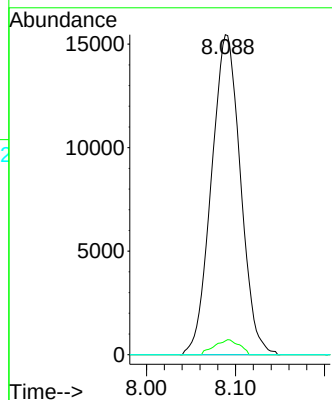


#38
Carbon Tetrachloride
Concen: 6.485 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Instrument :
MSVOA_N
ClientSampleId :

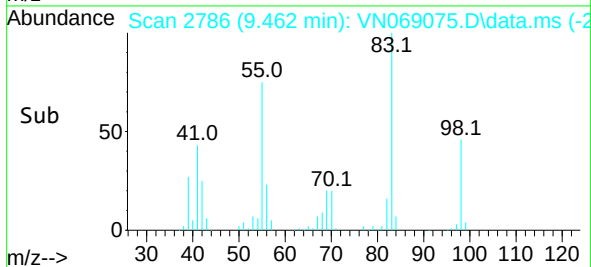
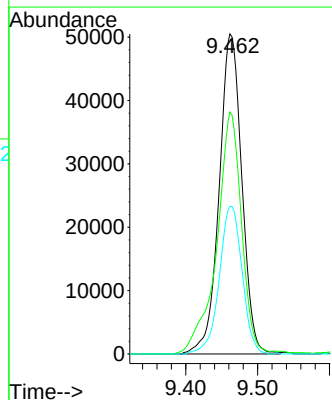
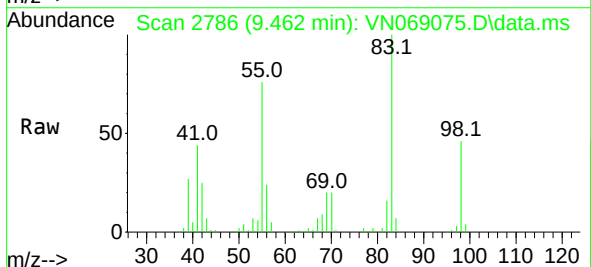


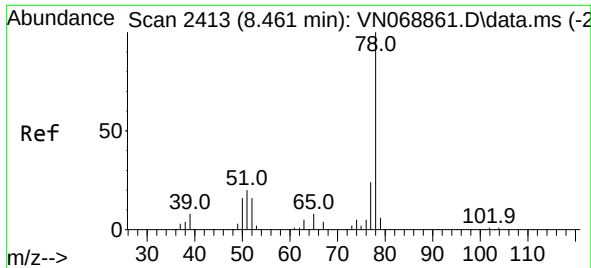
Tgt Ion:117 Resp: 35075
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 17.423 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 83 Resp: 110440
Ion Ratio Lower Upper
83 100
55 74.9 61.4 92.0
98 46.2 36.4 54.6

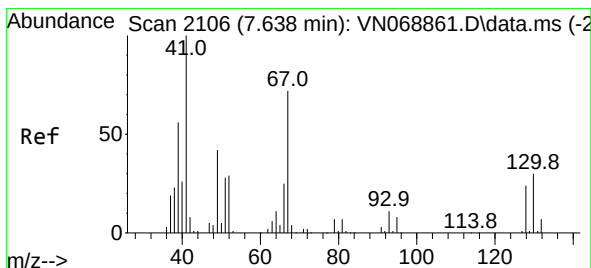
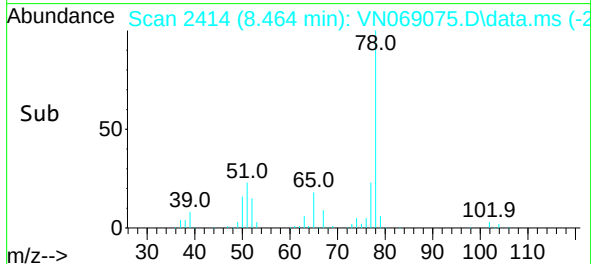
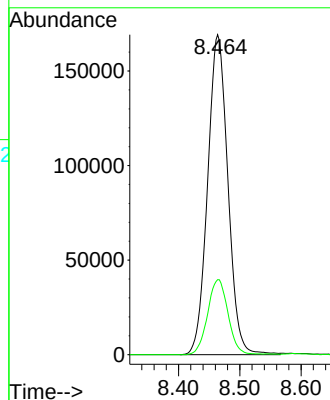
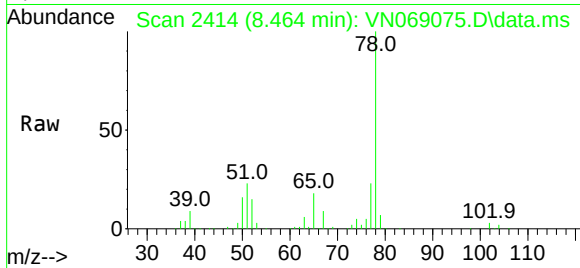




#40
Benzene
Concen: 25.954 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

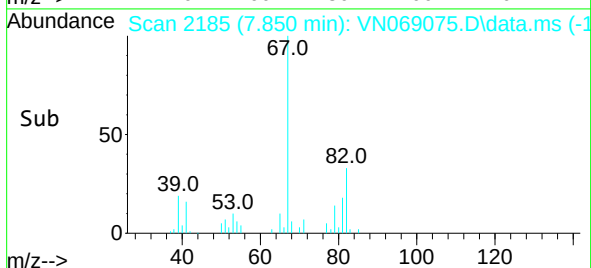
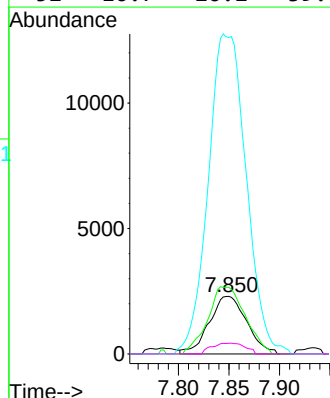
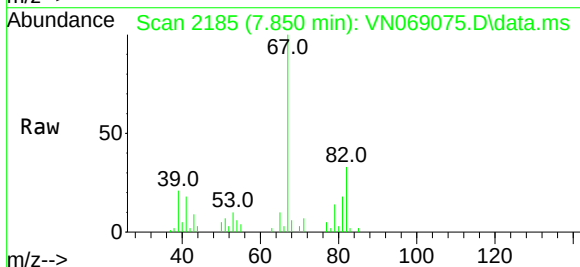
Instrument :
MSVOA_N
ClientSampled :

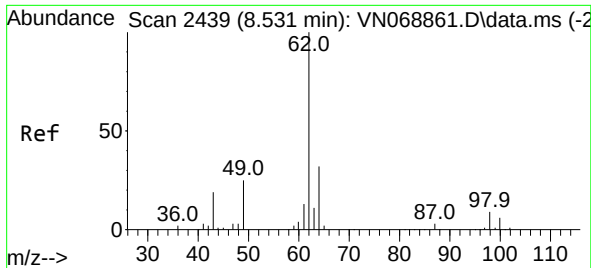
Tgt Ion: 78 Resp: 389227
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7



#41
Methacrylonitrile
Concen: 2.310 ug/l
RT: 7.850 min Scan# 2185
Delta R.T. 0.212 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 41 Resp: 5924
Ion Ratio Lower Upper
41 100
39 116.8 44.9 67.3#
67 562.5 62.6 93.8#
52 16.7 26.2 39.4#





#42

1,2-Dichloroethane

Concen: 0.642 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.070 min

Lab File: VN069075.D

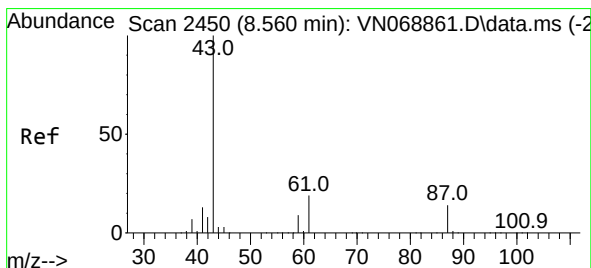
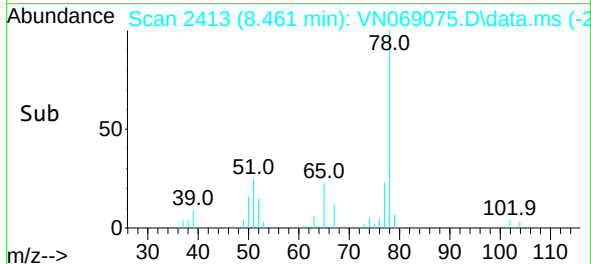
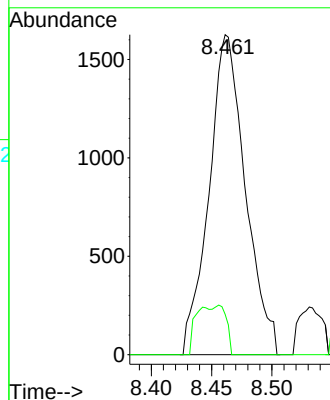
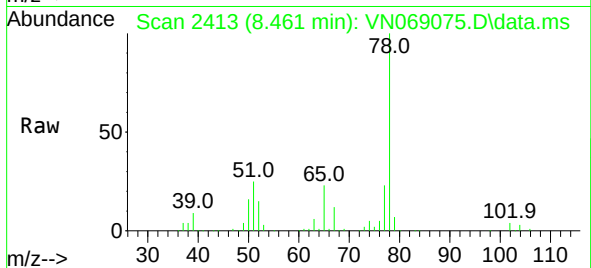
Acq: 20 Oct 2021 20:48

Tgt Ion: 62 Resp: 3412

Ion Ratio Lower Upper

62 100

98 6.2 0.0 17.2



#43

Isopropyl Acetate

Concen: 7.430 ug/l

RT: 8.633 min Scan# 2477

Delta R.T. 0.073 min

Lab File: VN069075.D

Acq: 20 Oct 2021 20:48

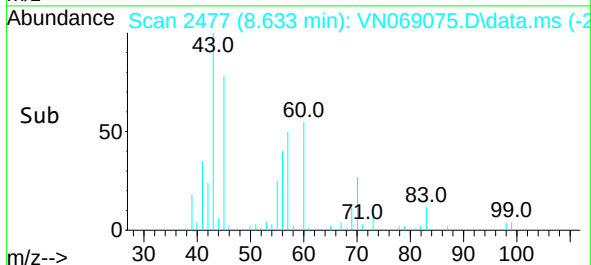
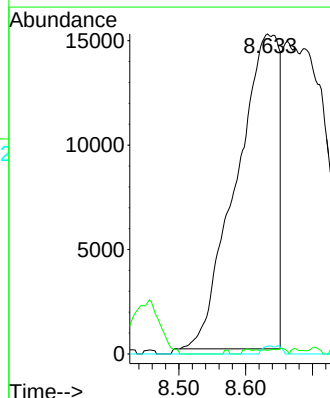
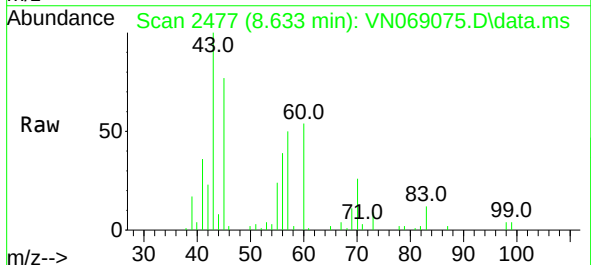
Tgt Ion: 43 Resp: 66684

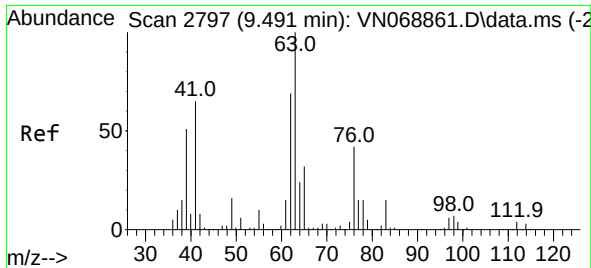
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.7 10.7 16.1#

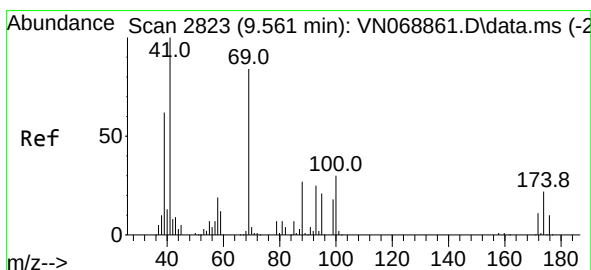
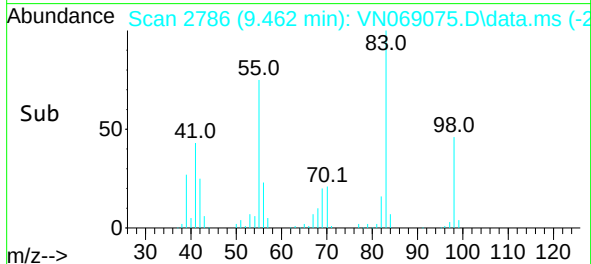
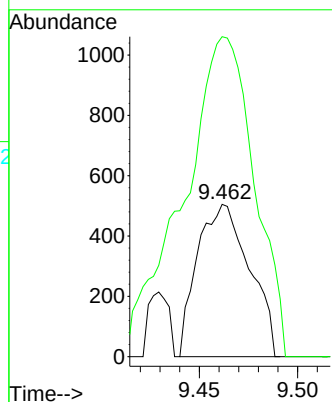
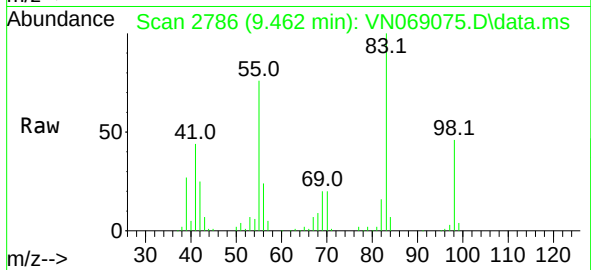




#45
1,2-Dichloropropane
Concen: 0.239 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.029 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

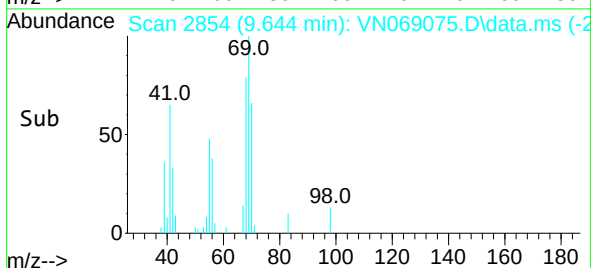
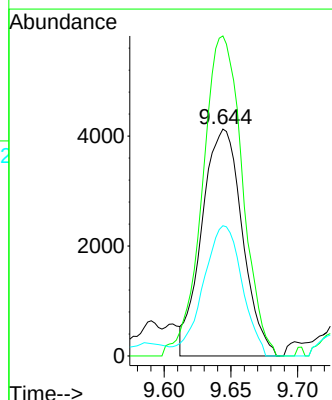
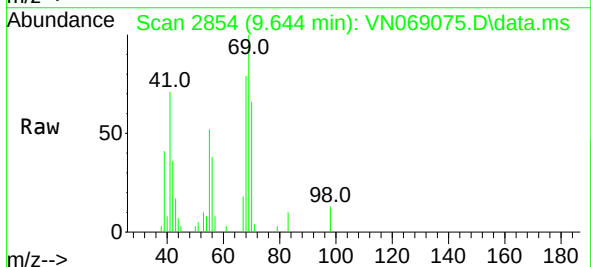
Instrument :
MSVOA_N
ClientSampleId :

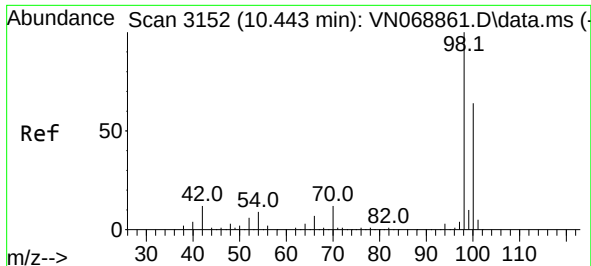
Tgt Ion: 63 Resp: 930
Ion Ratio Lower Upper
63 100
65 172.3 25.6 38.4#



#48
Methyl methacrylate
Concen: 2.059 ug/l
RT: 9.644 min Scan# 2854
Delta R.T. 0.083 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 41 Resp: 8681
Ion Ratio Lower Upper
41 100
69 139.4 66.4 99.6#
39 55.1 50.2 75.2

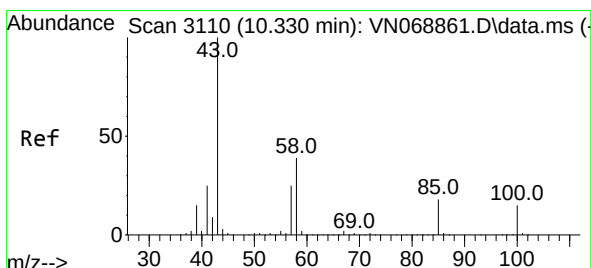
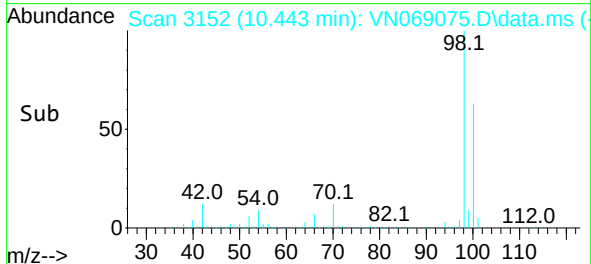
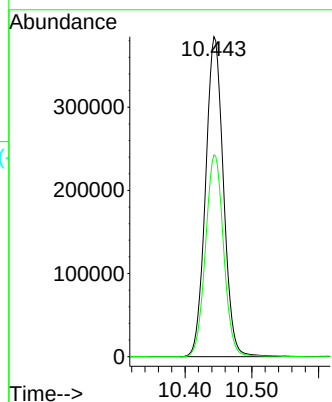
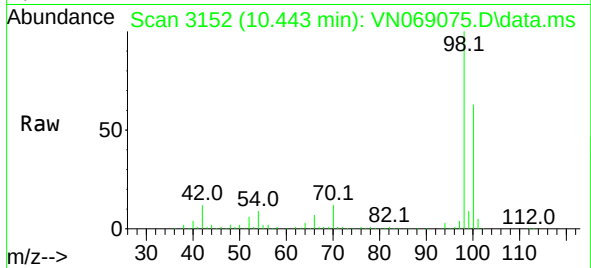




#50
Toluene-d8
Concen: 53.332 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

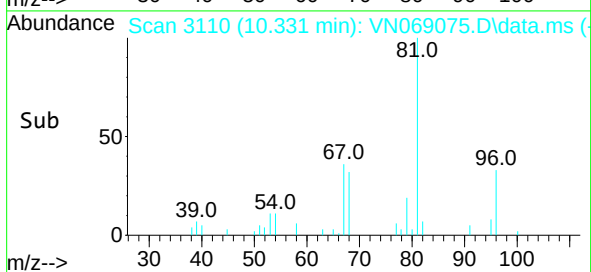
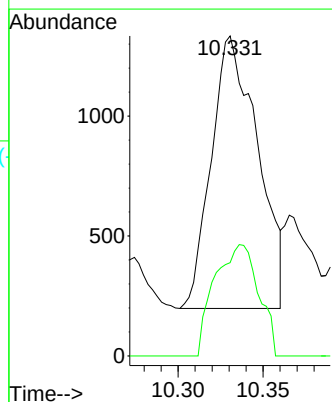
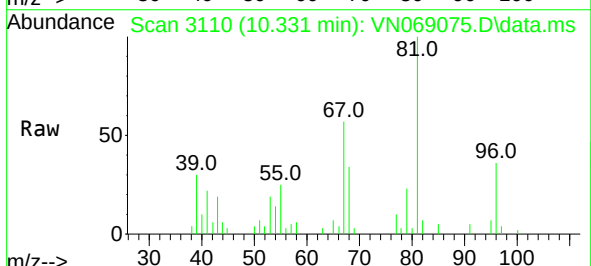
Instrument :
MSVOA_N
ClientSampleId :

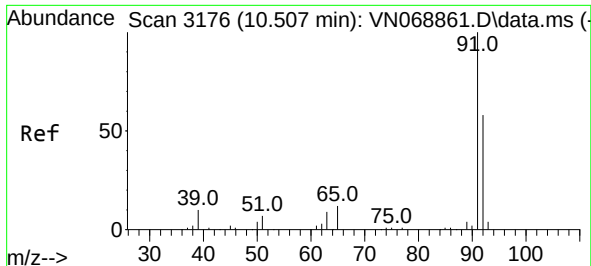
Tgt Ion: 98 Resp: 715845
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.416 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 43 Resp: 2163
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.4

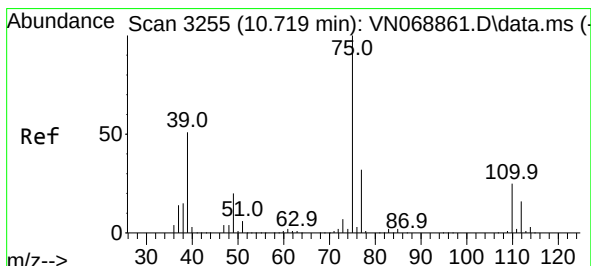
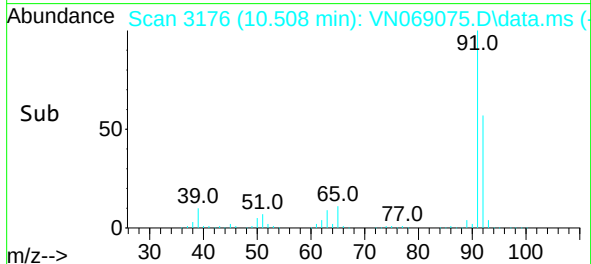
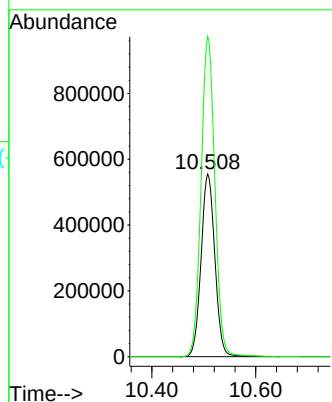
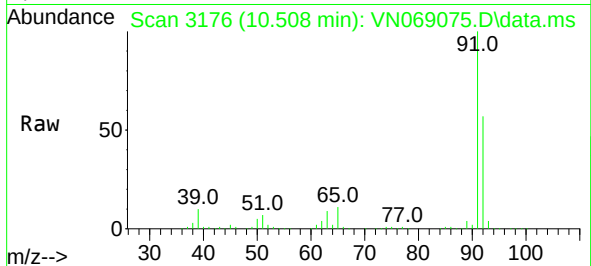




#52
Toluene
Concen: 106.017 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

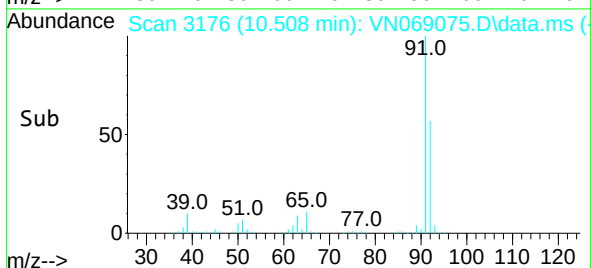
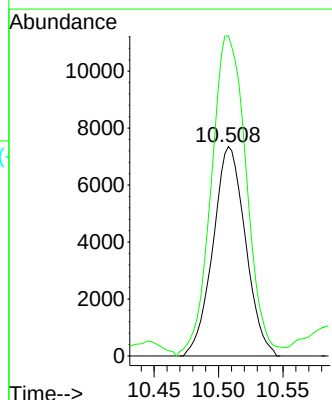
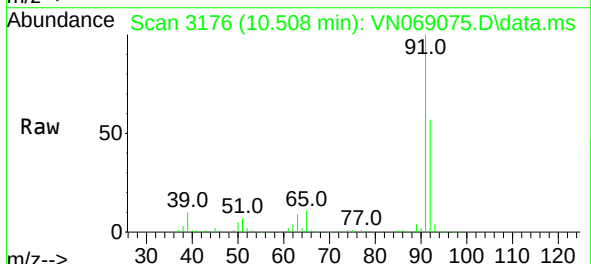
Instrument :
MSVOA_N
ClientSampled :

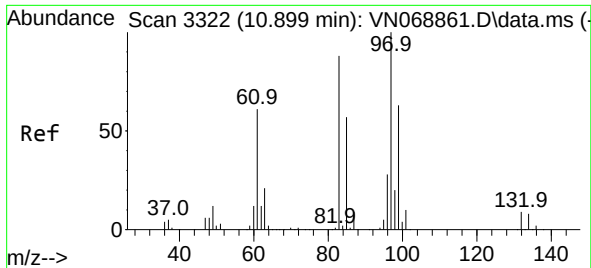
Tgt Ion: 92 Resp: 1022905
Ion Ratio Lower Upper
92 100
91 175.8 138.5 207.7



#53
t-1,3-Dichloropropene
Concen: 2.066 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.212 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

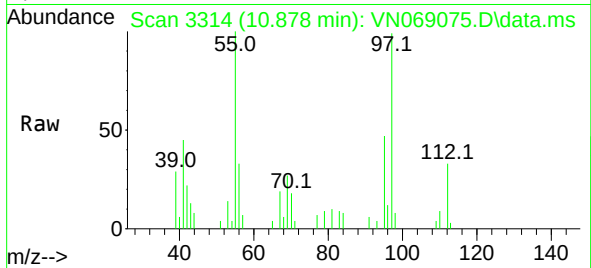
Tgt Ion: 75 Resp: 12882
Ion Ratio Lower Upper
75 100
77 150.6 25.4 38.2#



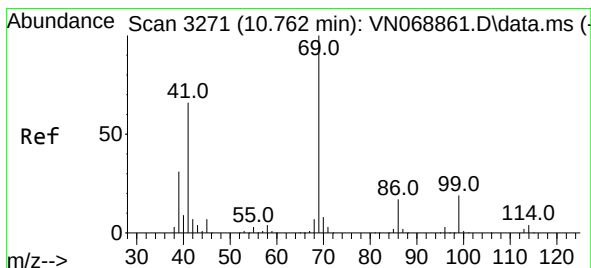
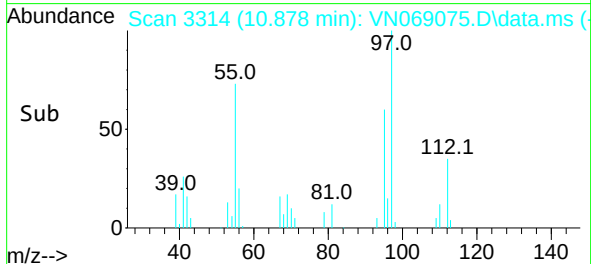
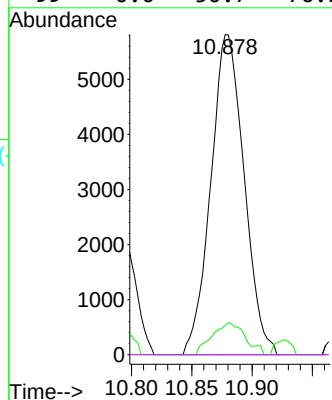


#55
1,1,2-Trichloroethane
Concen: 2.934 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Instrument :
MSVOA_N
ClientSampleId :

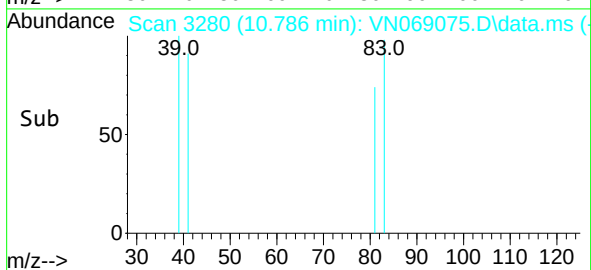
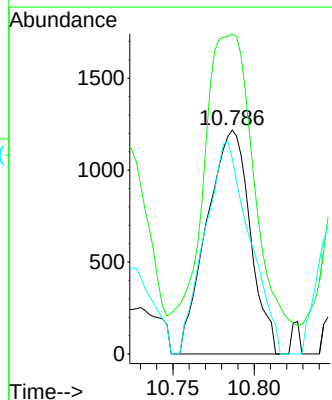
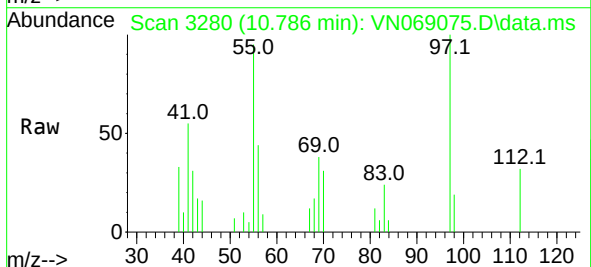


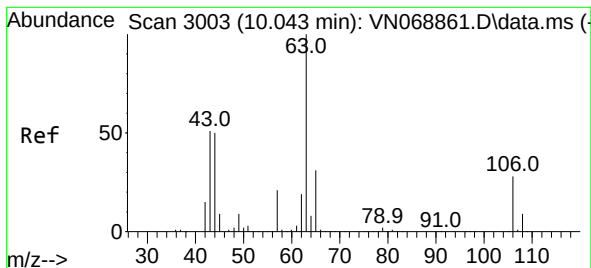
Tgt Ion:	97	Resp:	11161
Ion	Ratio	Lower	Upper
97	100		
83	9.1	70.5	105.7#
85	0.0	45.3	67.9#
99	0.0	50.7	76.1#



#56
Ethyl methacrylate
Concen: 0.353 ug/l
RT: 10.786 min Scan# 3280
Delta R.T. 0.024 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion:	69	Resp:	2254
Ion	Ratio	Lower	Upper
69	100		
41	143.1	53.3	79.9#
39	0.0	33.3	49.9#

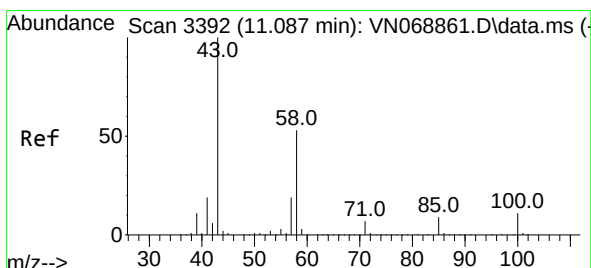
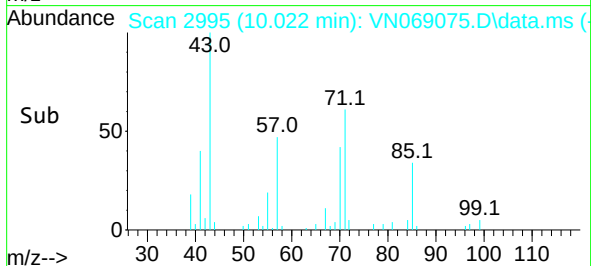
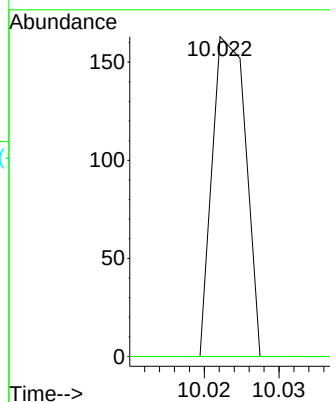
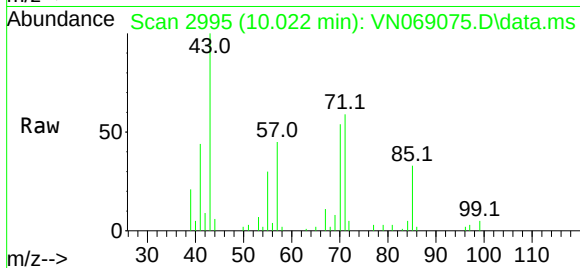




#58
2-Chloroethyl Vinyl ether
Concen: 18.783 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.021 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

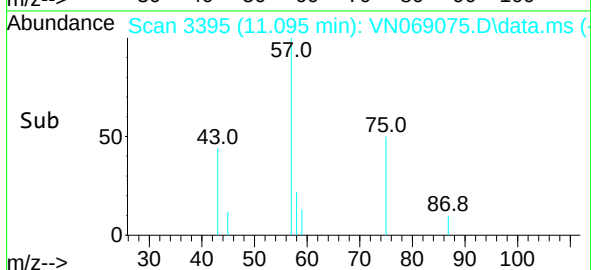
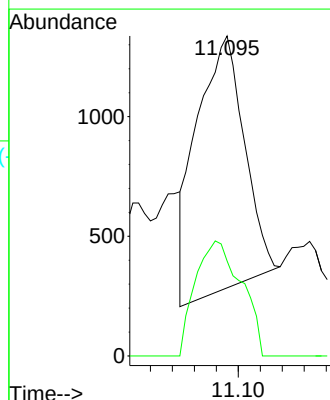
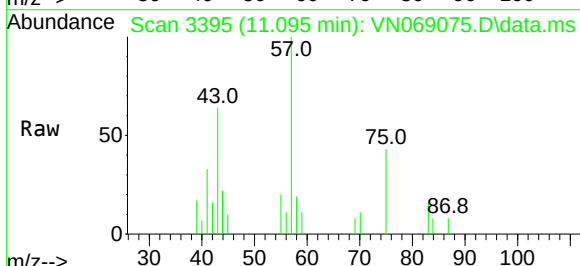
Instrument :
MSVOA_N
ClientSampleId :

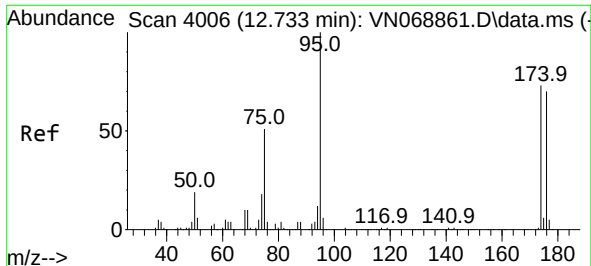
Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 0.428 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 43.7 26.9 80.7

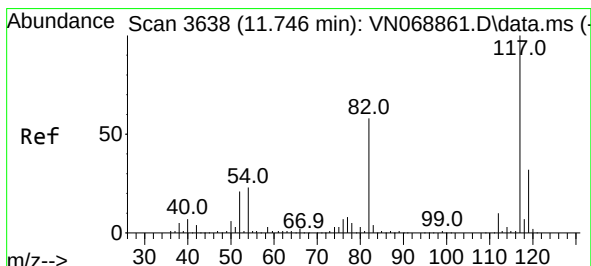
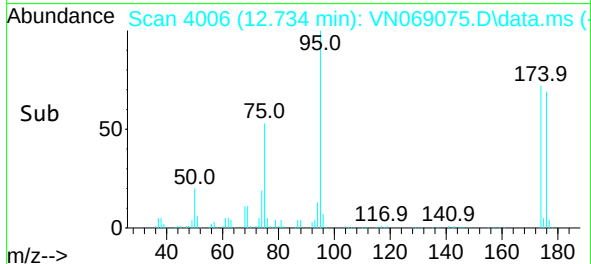
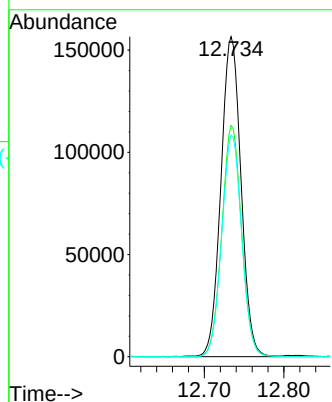
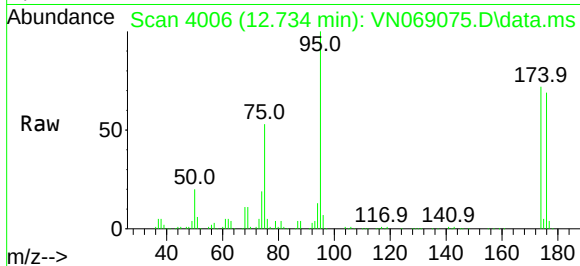




#62
4-Bromofluorobenzene
Concen: 54.304 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

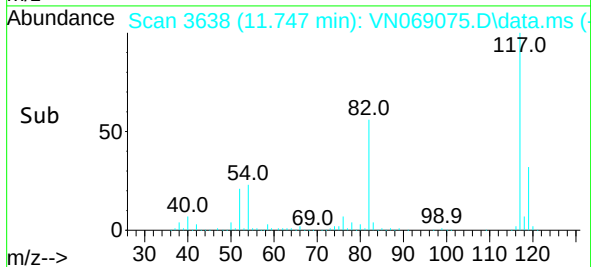
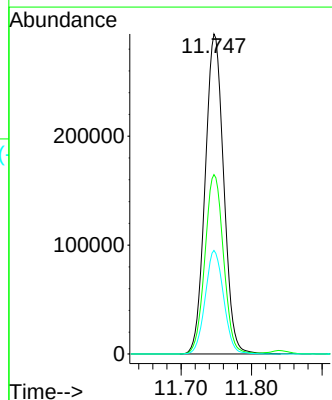
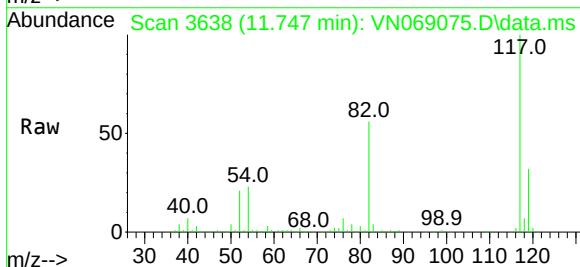
Instrument :
MSVOA_N
ClientSampled :

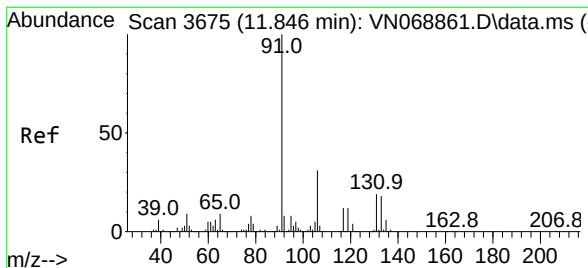
Tgt Ion: 95 Resp: 275002
Ion Ratio Lower Upper
95 100
174 71.2 0.0 144.8
176 68.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 117 Resp: 536061
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.3 26.0 39.0

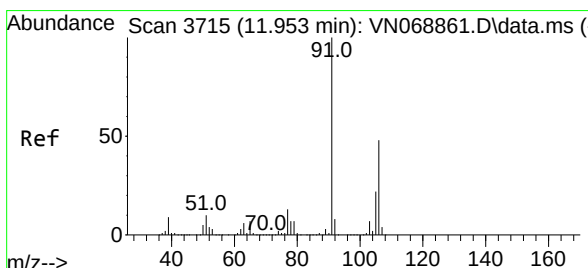
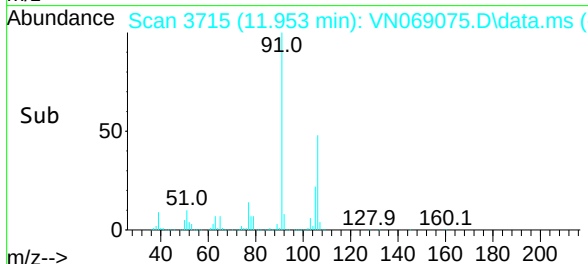
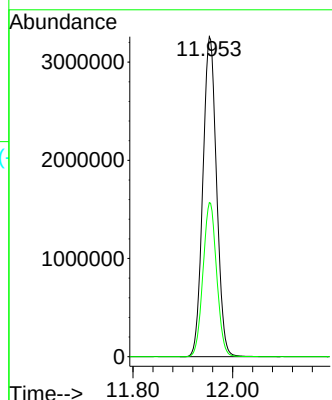
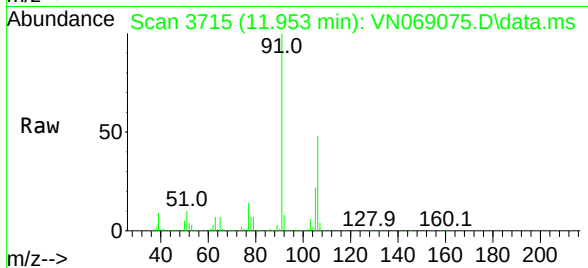




#67
Ethyl Benzene
Concen: 330.540 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.107 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

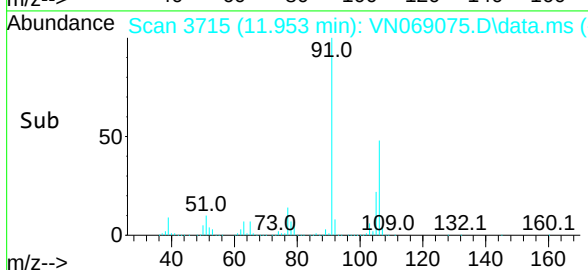
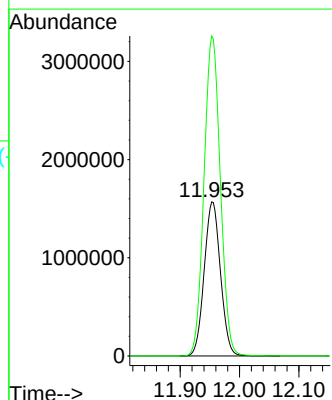
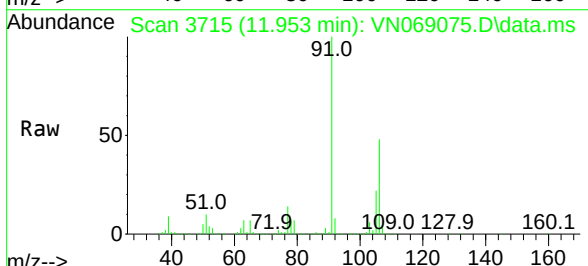
Instrument :
MSVOA_N
ClientSampleId :

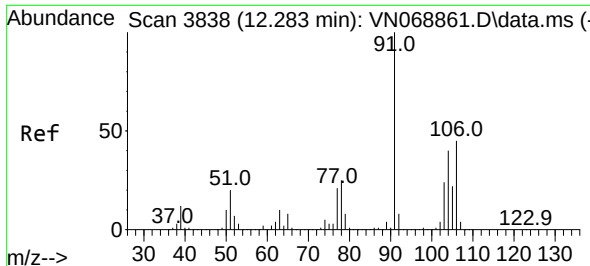
Tgt Ion: 91 Resp: 6228238
Ion Ratio Lower Upper
91 100
106 48.1 24.8 37.2#



#68
m/p-Xylenes
Concen: 418.080 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion:106 Resp: 2986323
Ion Ratio Lower Upper
106 100
91 208.6 166.8 250.2

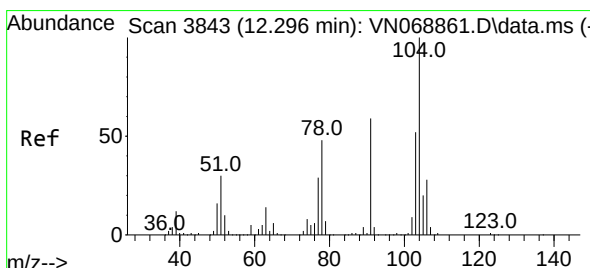
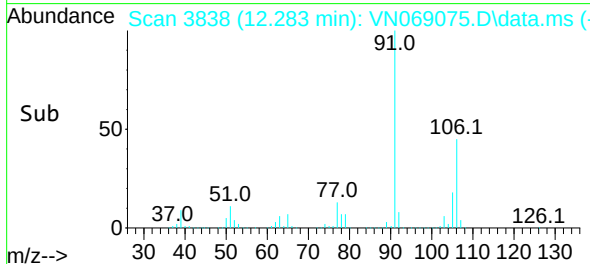
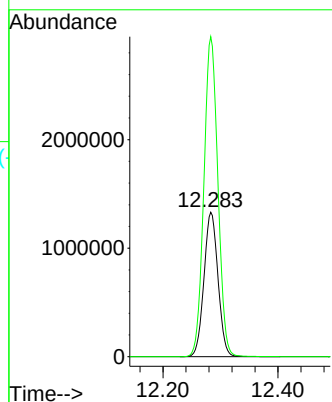
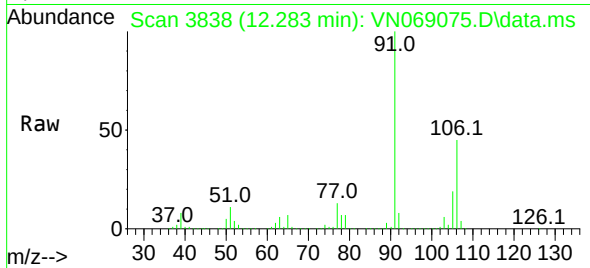




#69
o-Xylene
Concen: 315.117 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

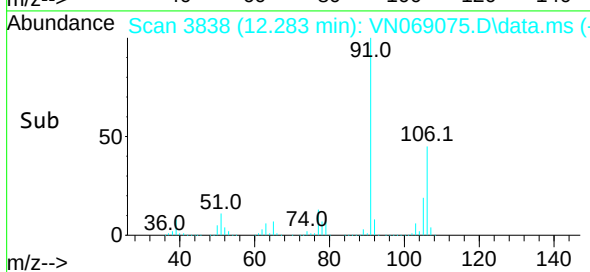
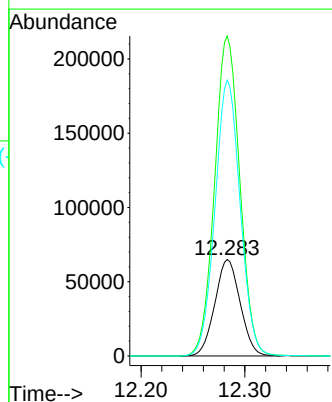
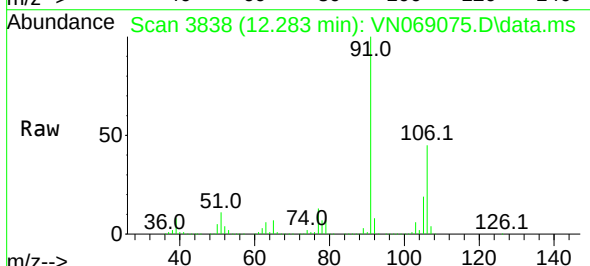
Instrument :
MSVOA_N
ClientSampleId :

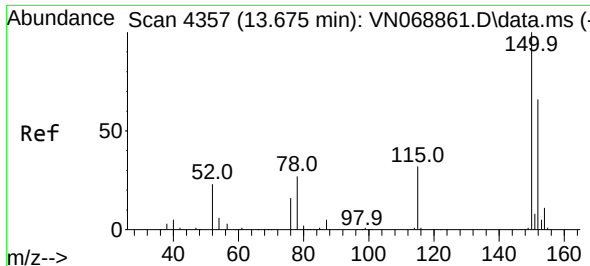
Tgt Ion:106 Resp: 2253016
Ion Ratio Lower Upper
106 100
91 221.4 109.6 328.6



#70
Styrene
Concen: 9.470 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.013 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion:104 Resp: 110220
Ion Ratio Lower Upper
104 100
78 329.9 42.2 63.4#
103 284.2 44.4 66.6#

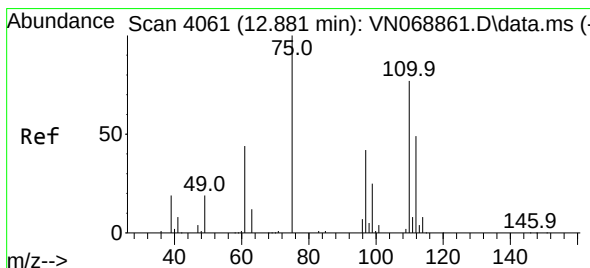
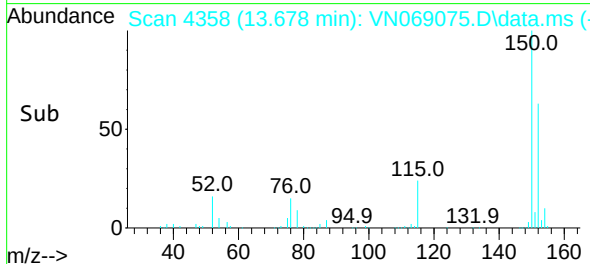
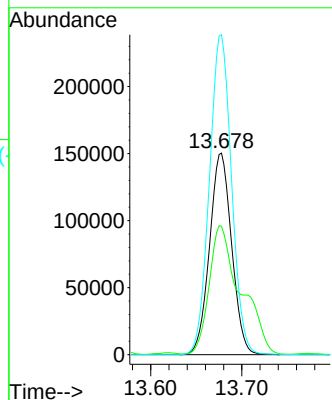
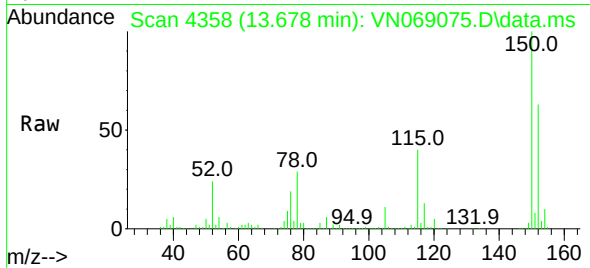




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069075.D
 Acq: 20 Oct 2021 20:48

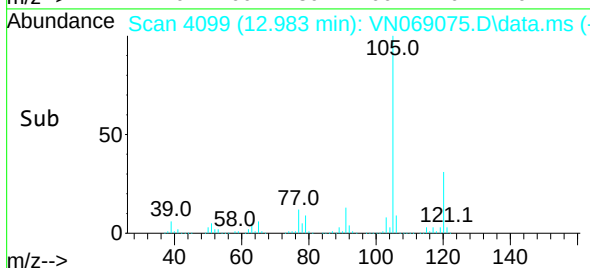
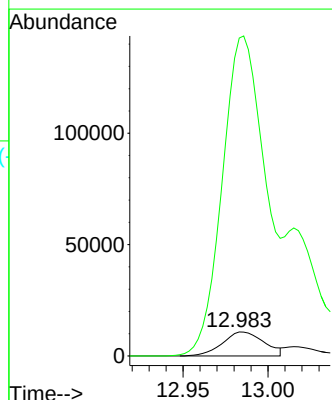
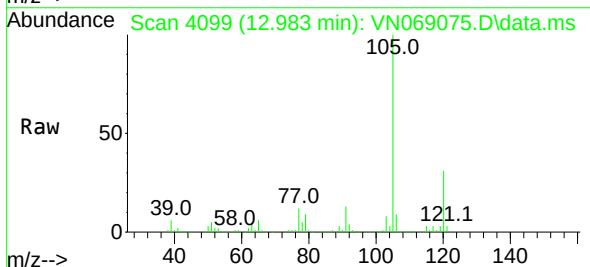
Instrument :
 MSVOA_N
 ClientSampled :

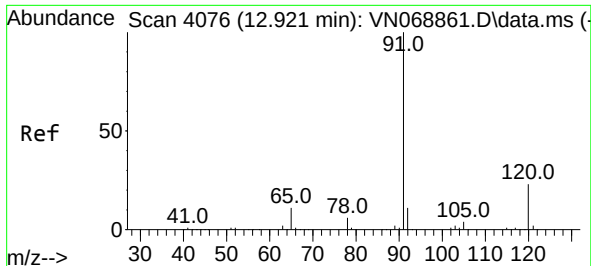
Tgt Ion:152 Resp: 253386
 Ion Ratio Lower Upper
 152 100
 115 90.8 31.4 94.3
 150 159.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 3.416 ug/l
 RT: 12.983 min Scan# 4099
 Delta R.T. 0.102 min
 Lab File: VN069075.D
 Acq: 20 Oct 2021 20:48

Tgt Ion: 75 Resp: 18416
 Ion Ratio Lower Upper
 75 100
 77 1360.9 96.2 288.4#

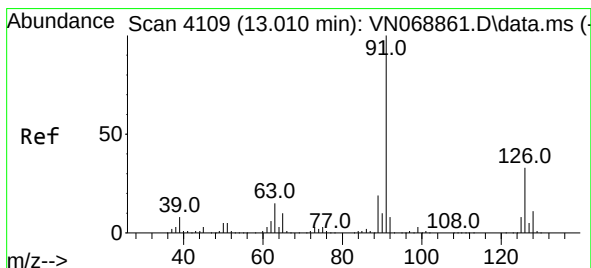
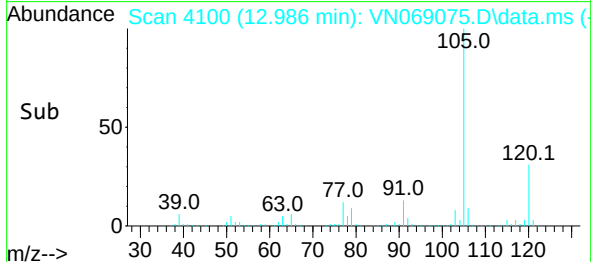
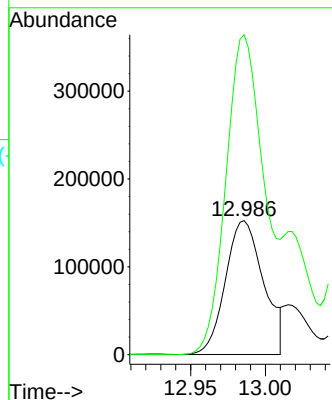
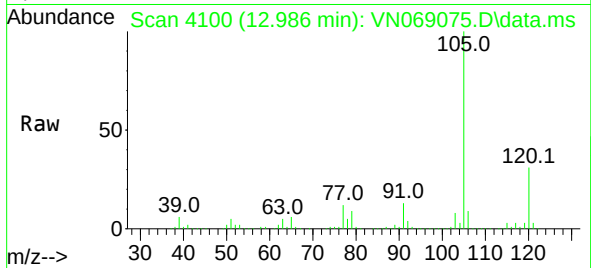




#78
n-propylbenzene
Concen: 11.472 ug/l
RT: 12.986 min Scan# 4100
Delta R.T. 0.065 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

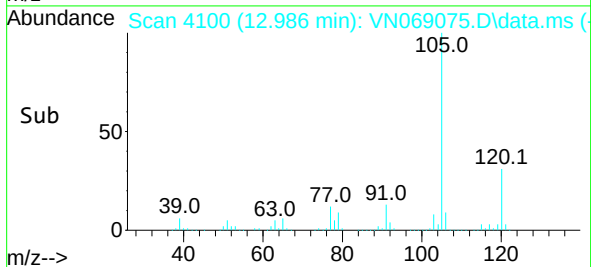
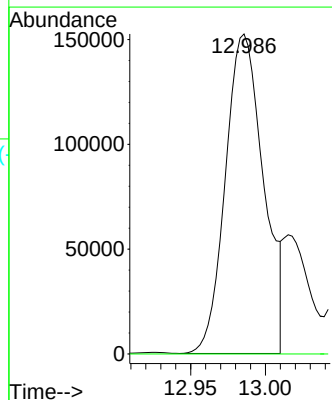
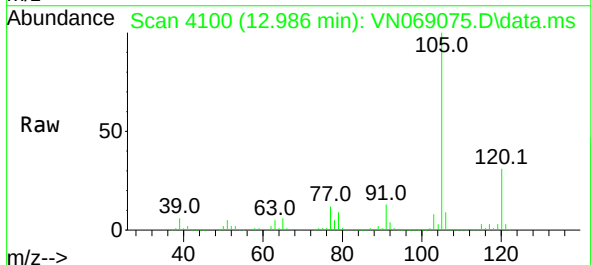
Instrument :
MSVOA_N
ClientSampled :

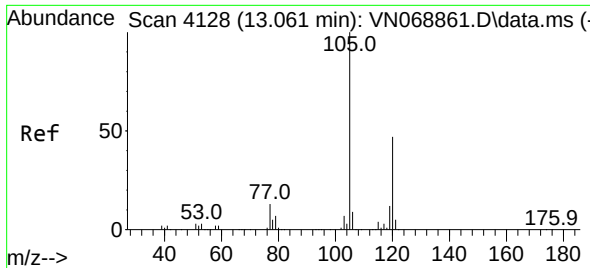
Tgt Ion: 91 Resp: 271910
Ion Ratio Lower Upper
91 100
120 238.2 11.4 34.1#



#79
2-Chlorotoluene
Concen: 18.613 ug/l
RT: 12.986 min Scan# 4100
Delta R.T. -0.024 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 91 Resp: 271910
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#

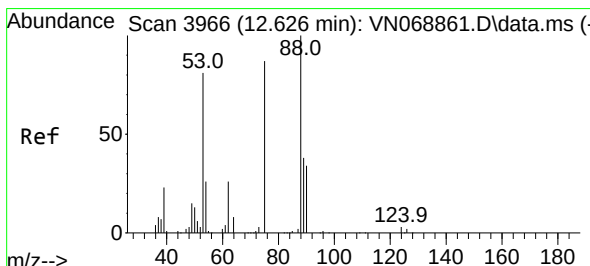
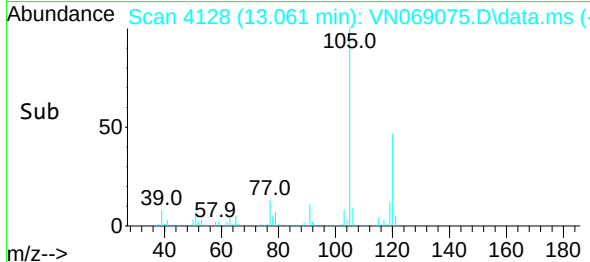
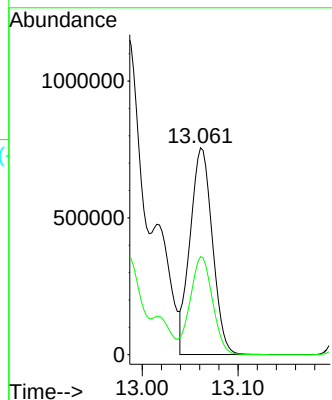
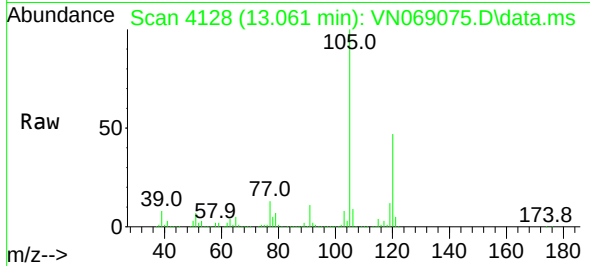




#80
1,3,5-Trimethylbenzene
Concen: 69.338 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

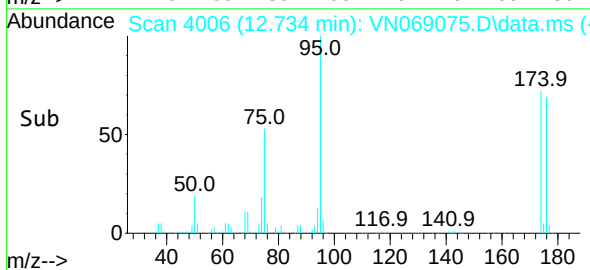
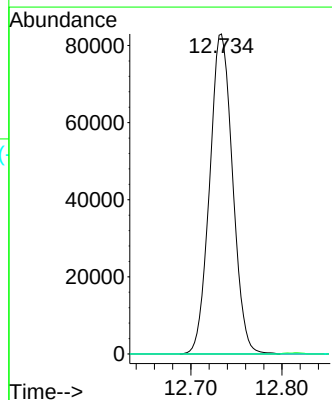
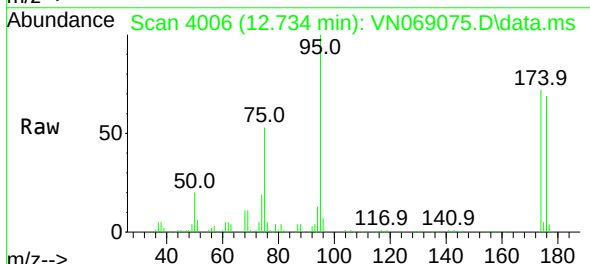
Instrument :
MSVOA_N
ClientSampled :

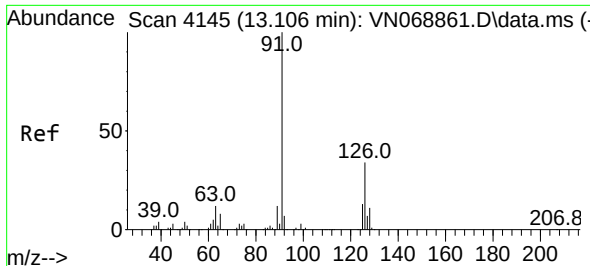
Tgt Ion:105 Resp: 1218069
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 64.452 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 75 Resp: 145241
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

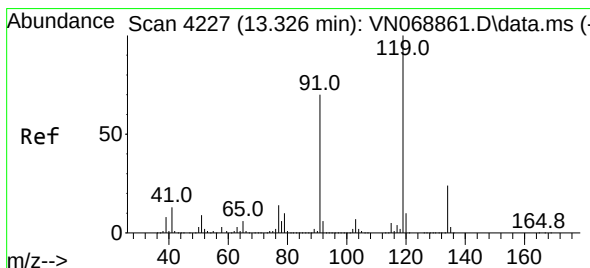
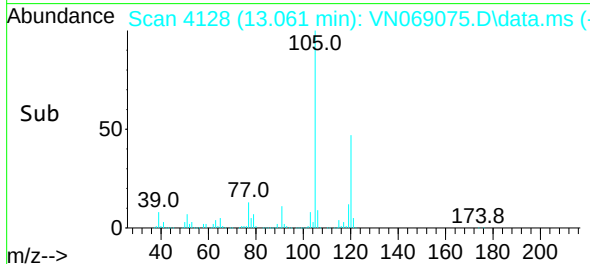
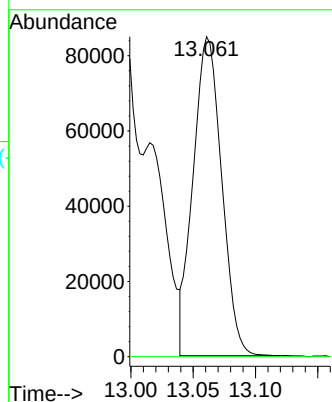
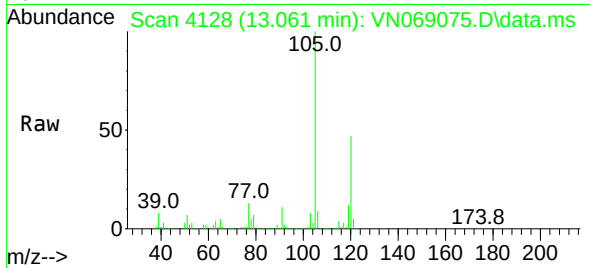




#82
4-Chlorotoluene
Concen: 9.550 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

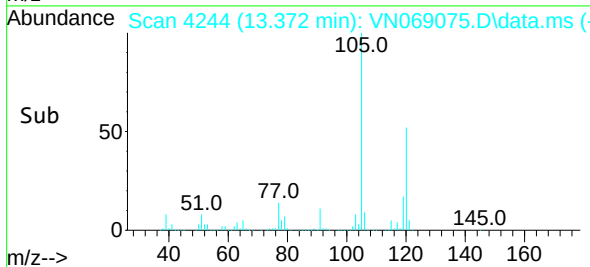
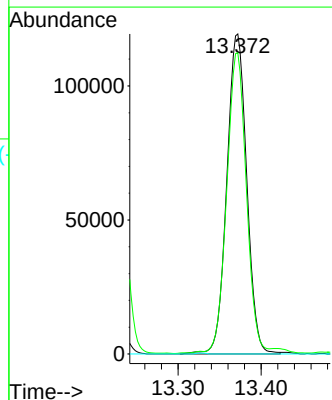
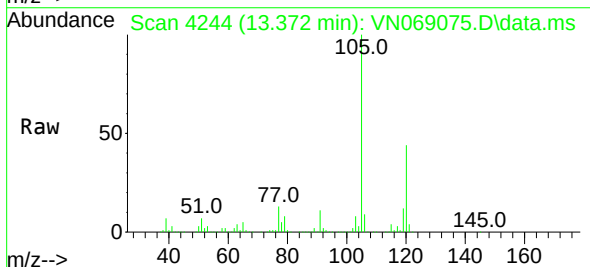
Instrument :
MSVOA_N
ClientSampled :

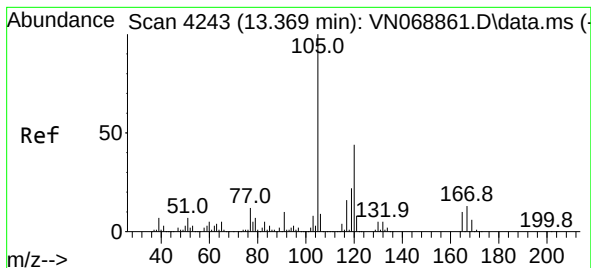
Tgt Ion: 91 Resp: 134815
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#83
tert-Butylbenzene
Concen: 13.004 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.046 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 119 Resp: 198864
Ion Ratio Lower Upper
119 100
91 90.8 34.6 103.9
134 0.0 12.6 37.6#





#84

1,2,4-Trimethylbenzene

Concen: 98.252 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN069075.D

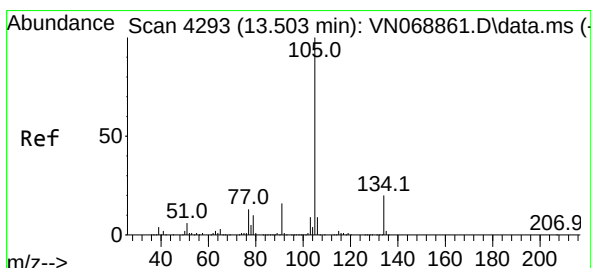
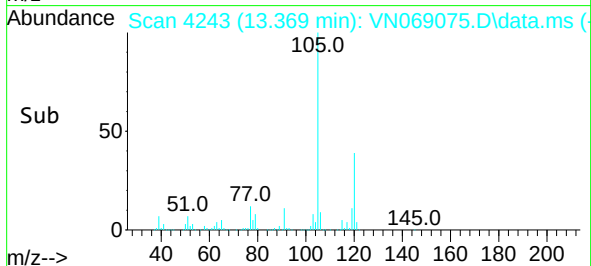
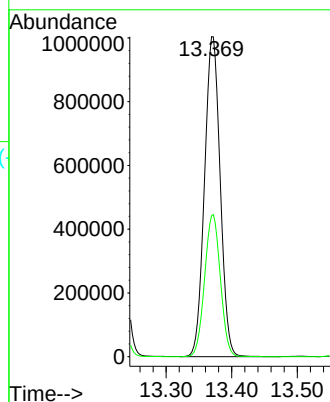
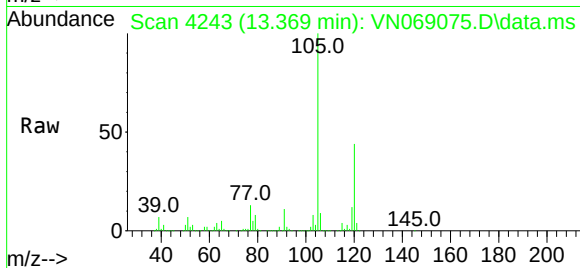
Acq: 20 Oct 2021 20:48

Tgt Ion:105 Resp: 1663007

Ion Ratio Lower Upper

105 100

120 44.6 21.9 65.5



#85

sec-Butylbenzene

Concen: 78.523 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. -0.134 min

Lab File: VN069075.D

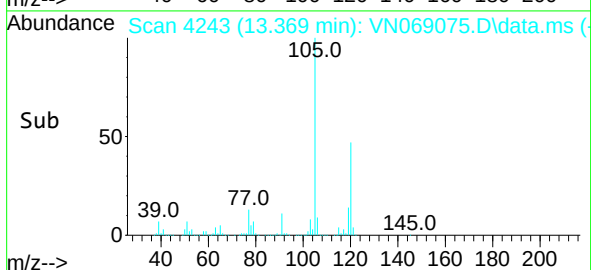
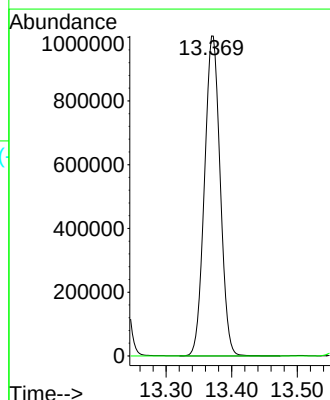
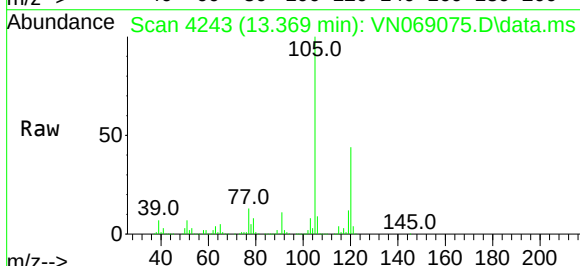
Acq: 20 Oct 2021 20:48

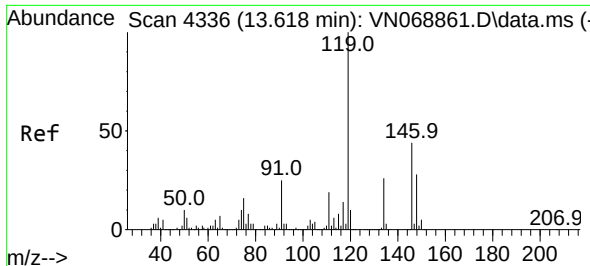
Tgt Ion:105 Resp: 1663007

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#

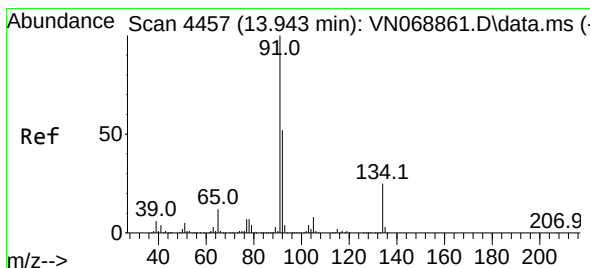
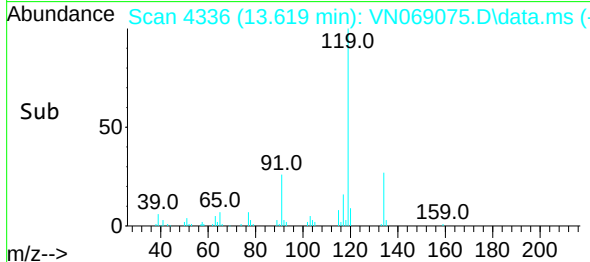
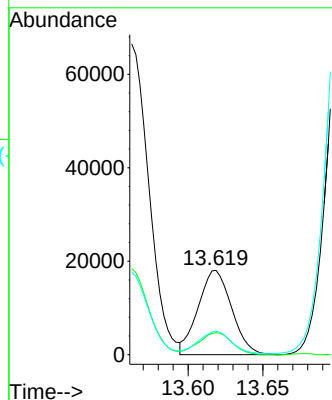
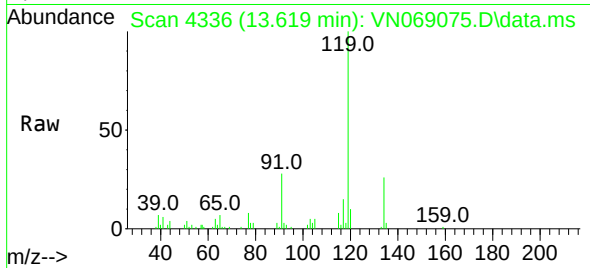




#86
p-Isopropyltoluene
Concen: 1.657 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

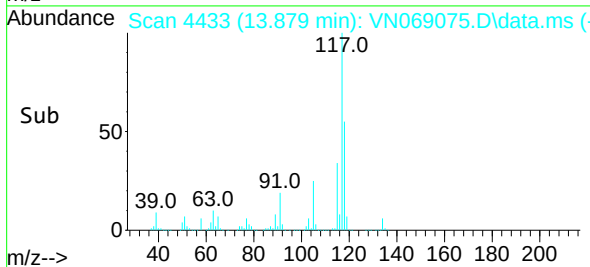
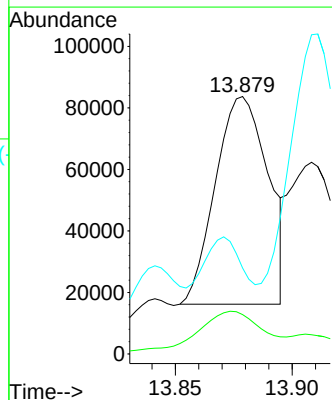
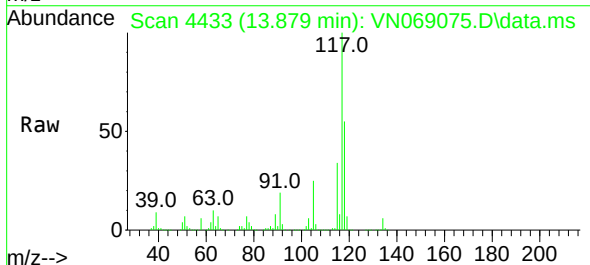
Instrument :
MSVOA_N
ClientSampleId :

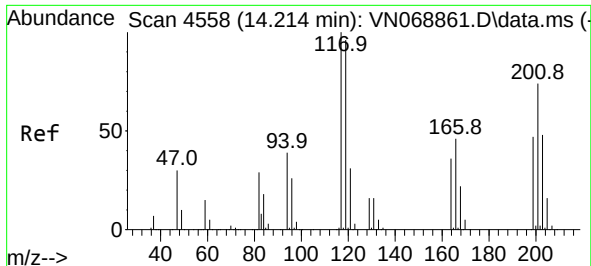
Tgt Ion:119 Resp: 28151
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.6
91 25.5 12.8 38.4



#89
n-Butylbenzene
Concen: 7.472 ug/l
RT: 13.879 min Scan# 4433
Delta R.T. -0.064 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 91 Resp: 105672
Ion Ratio Lower Upper
91 100
92 26.9 26.0 78.0
134 32.5 12.5 37.5

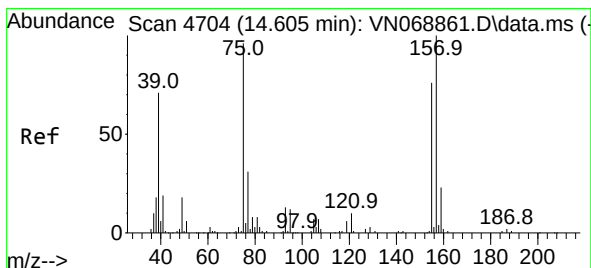
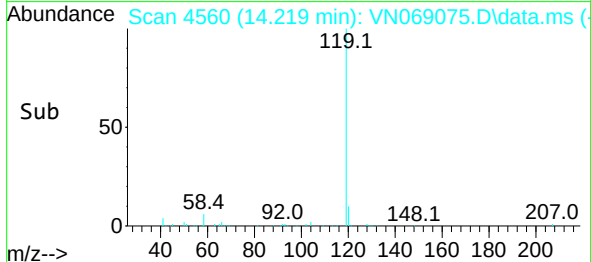
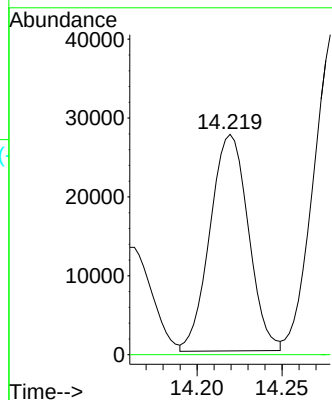
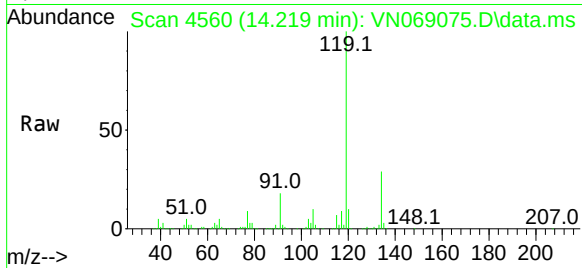




#90
Hexachloroethane
Concen: 12.097 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.005 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

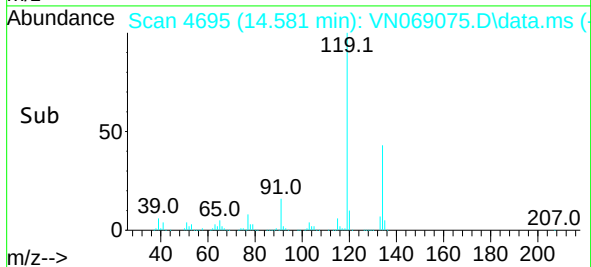
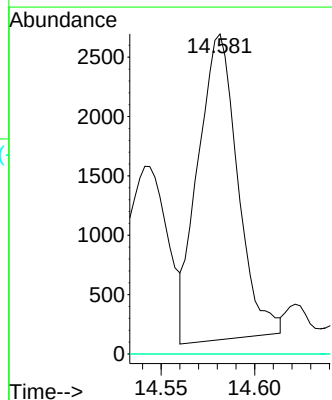
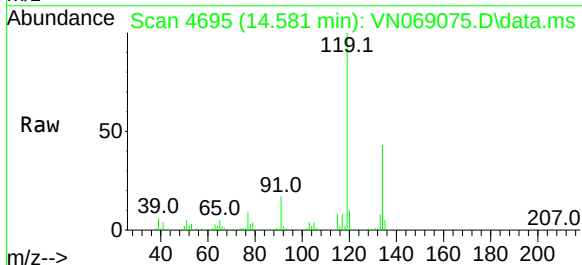
Instrument :
MSVOA_N
ClientSampleId :

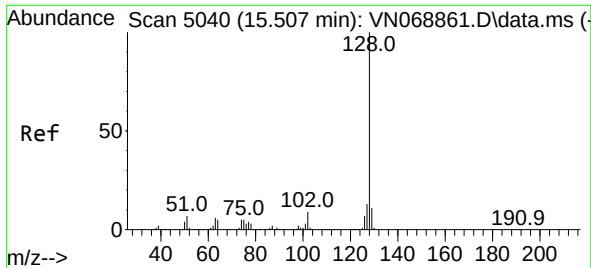
Tgt Ion:117 Resp: 43167
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.235 ug/l
RT: 14.581 min Scan# 4695
Delta R.T. -0.024 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Tgt Ion: 75 Resp: 3801
Ion Ratio Lower Upper
75 100
155 0.0 38.8 116.4#
157 0.0 50.2 150.6#





#95
Naphthalene
Concen: 28.146 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069075.D
Acq: 20 Oct 2021 20:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 309762
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.3 8.9 13.3

