

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068956.D
 Acq On : 15 Oct 2021 18:02
 Operator : JC/MD
 Sample : M4226-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:17:01 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	8.083	168	1075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.979	114	2409	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.746	117	3419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	3474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	976	68.861	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 137.720%	
35) Dibromofluoromethane	8.018	113	182	12.985	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 25.980%#	
50) Toluene-d8	10.446	98	3587	63.963	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 127.920%#	
62) 4-Bromofluorobenzene	12.736	95	2317	109.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 219.020%#	

Target Compounds			Qvalue			
3) Chloromethane	2.301	50	558	42.468	ug/l #	42
5) Bromomethane	2.874	94	901	122.737	ug/l	90
6) Chloroethane	2.944	64	108	13.731	ug/l #	43
10) Methyl Iodide	4.433	142	115	7.885	ug/l #	41
11) Tert butyl alcohol	5.361	59	1459	563.348	ug/l #	81
13) Acrolein	4.049	56	82	71.573	ug/l	88
14) Allyl chloride	4.848	41	137	7.357	ug/l #	24
15) Acrylonitrile	5.570	53	164	28.260	ug/l #	18
16) Acetone	4.304	43	1006	190.196	ug/l #	44
17) Carbon Disulfide	4.527	76	412	14.615	ug/l #	75
18) Methyl Acetate	4.870	43	3340	166.482	ug/l #	70
19) Methyl tert-butyl Ether	5.613	73	422	10.911	ug/l #	54
20) Methylene Chloride	5.095	84	762	62.592	ug/l #	83
22) Diisopropyl ether	6.500	45	115	2.970	ug/l #	62
23) Vinyl Acetate	6.441	43	397	13.561	ug/l #	72
25) 2-Butanone	7.308	43	50	6.251	ug/l #	48
27) cis-1,2-Dichloroethene	7.337	96	25	1.843	ug/l #	1
29) Tetrahydrofuran	7.697	42	12717	2451.219	ug/l #	80
37) Ethyl Acetate	7.410	43	230	10.823	ug/l #	68
40) Benzene	8.464	78	443	7.070	ug/l #	64
41) Methacrylonitrile	7.694	41	7820	729.985	ug/l #	31
43) Isopropyl Acetate	8.633	43	16124	430.017	ug/l #	55
48) Methyl methacrylate	9.561	41	185	10.501	ug/l #	13
51) 4-Methyl-2-Pentanone	10.336	43	7792	358.389	ug/l	93
52) Toluene	10.510	92	400	9.923	ug/l #	57
53) t-1,3-Dichloropropene	10.730	75	50	1.919	ug/l #	43
56) Ethyl methacrylate	10.762	69	364	13.640	ug/l #	90
59) 2-Hexanone	11.097	43	3206	205.622	ug/l	92
60) Dibromochloromethane	10.979	129	51	2.843	ug/l #	10
65) Chlorobenzene	11.779	112	551	8.517	ug/l #	43
67) Ethyl Benzene	11.851	91	927	7.714	ug/l #	44
68) m/p-Xylenes	11.956	106	477	10.470	ug/l #	18
69) o-Xylene	12.283	106	101	2.215	ug/l #	1
70) Styrene	12.299	104	750	10.104	ug/l #	88
73) Isopropylbenzene	12.583	105	1008	3.486	ug/l #	59
74) N-amyl acetate	12.387	43	2169	19.799	ug/l #	80

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

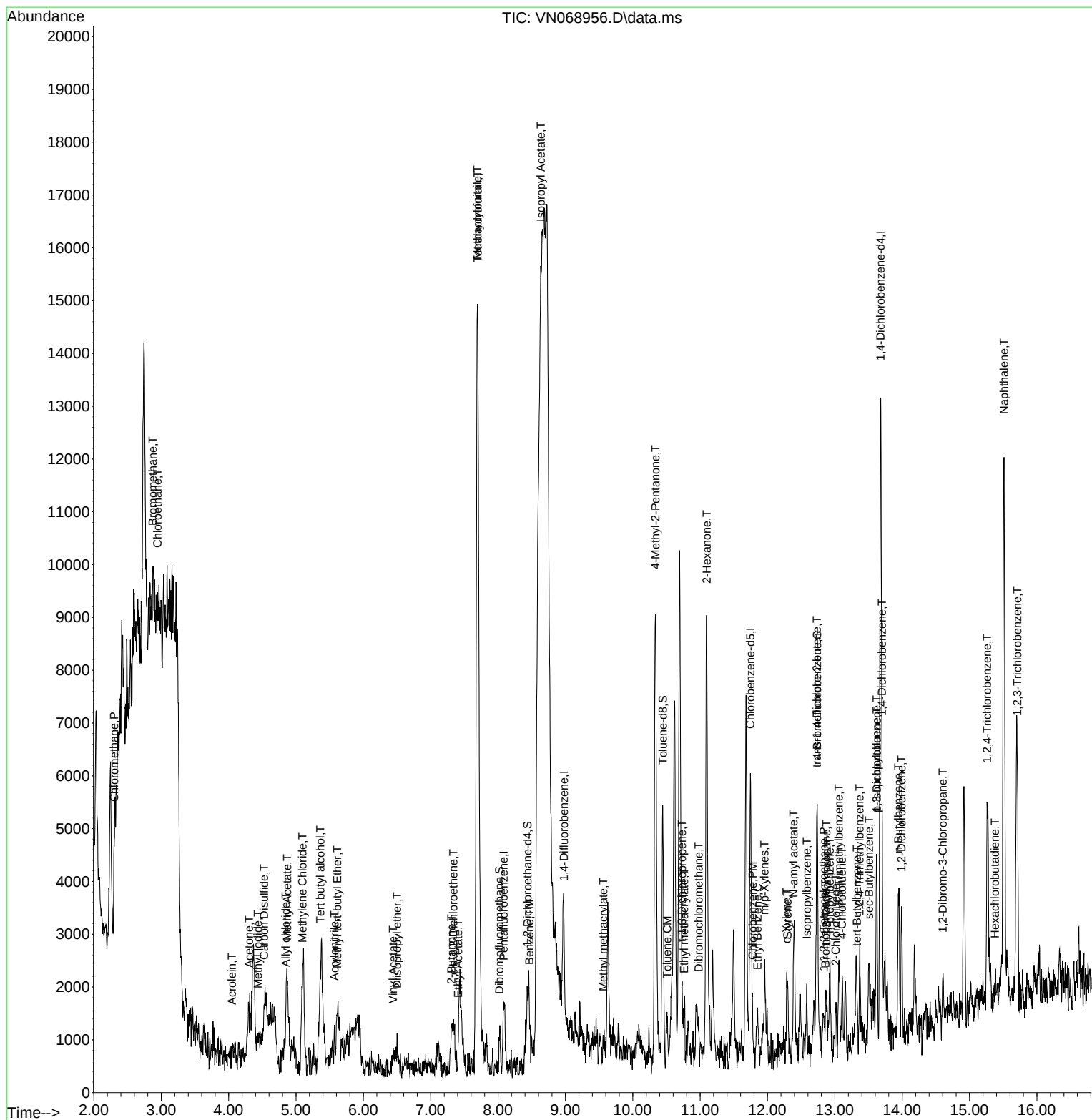
75) 1,1,2,2-Tetrachloroethane	12.835	83	462	5.529	ug/l #	25
76) 1,2,3-Trichloropropane	12.873	75	200	2.706	ug/l #	1
77) Bromobenzene	12.859	156	122	1.908	ug/l #	1
78) n-propylbenzene	12.924	91	1698	5.225	ug/l	86
79) 2-Chlorotoluene	13.012	91	979	4.888	ug/l	74
80) 1,3,5-Trimethylbenzene	13.061	105	946	3.928	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.733	75	1144	37.027	ug/l #	12
82) 4-Chlorotoluene	13.106	91	1318	6.810	ug/l	85
83) tert-Butylbenzene	13.326	119	501	2.390	ug/l #	86
84) 1,2,4-Trimethylbenzene	13.366	105	1369	5.899	ug/l	81
85) sec-Butylbenzene	13.508	105	1310	4.512	ug/l	80
86) p-Isopropyltoluene	13.621	119	1294	5.556	ug/l	88
87) 1,3-Dichlorobenzene	13.621	146	927	8.382	ug/l	89
88) 1,4-Dichlorobenzene	13.699	146	1190	10.841	ug/l	94
89) n-Butylbenzene	13.946	91	2272	11.718	ug/l	82
91) 1,2-Dichlorobenzene	13.991	146	986	9.177	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.603	75	78	4.841	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	1751	31.050	ug/l #	91
94) Hexachlorobutadiene	15.375	225	25	0.817	ug/l #	19
95) Naphthalene	15.509	128	10794	65.659	ug/l	100
96) 1,2,3-Trichlorobenzene	15.708	180	2498	45.247	ug/l	94

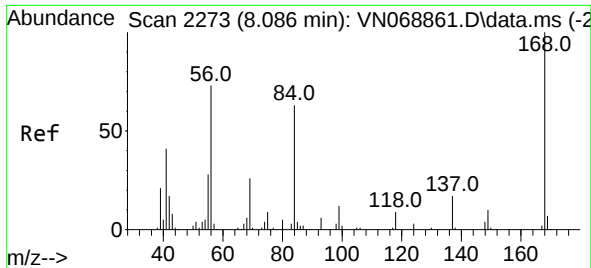
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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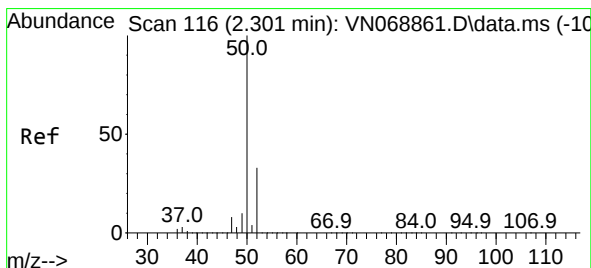
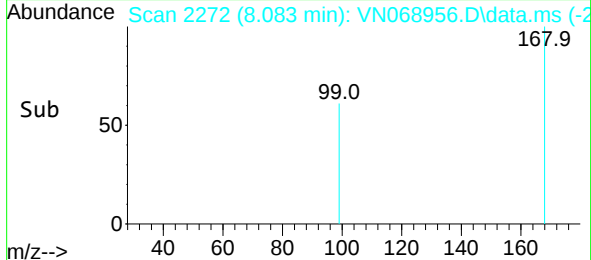
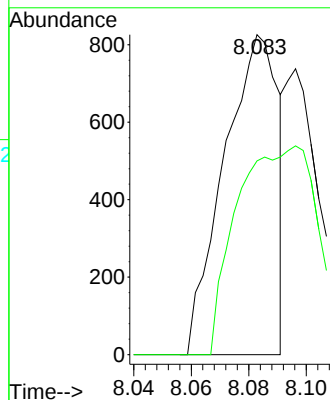
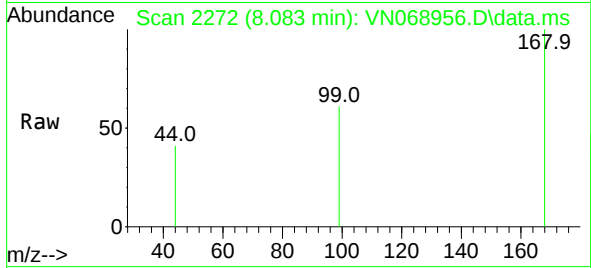




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

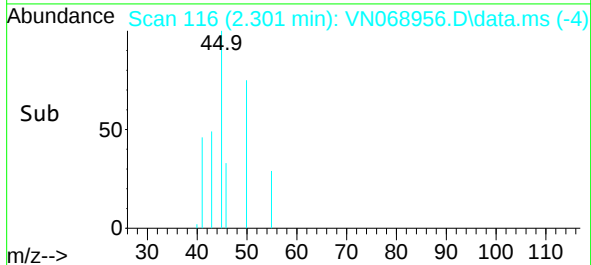
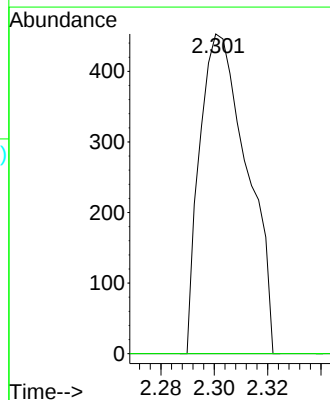
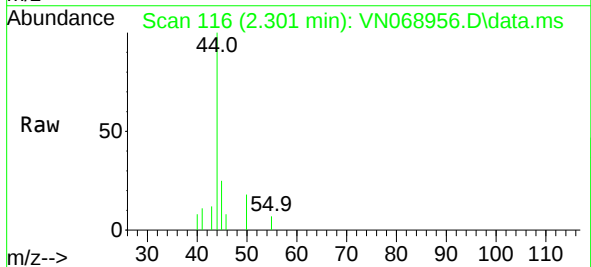
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MSVOA_N
ClientSampled :

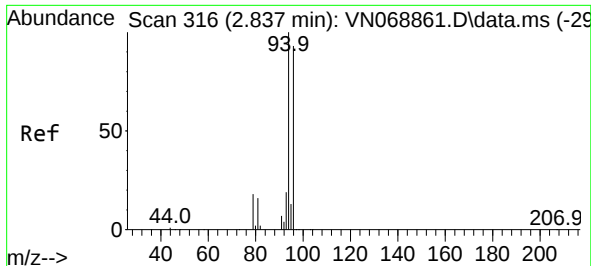
Tgt Ion:168 Resp: 1075
Ion Ratio Lower Upper
168 100
99 60.5 48.9 73.3



#3
Chloromethane
Concen: 42.468 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

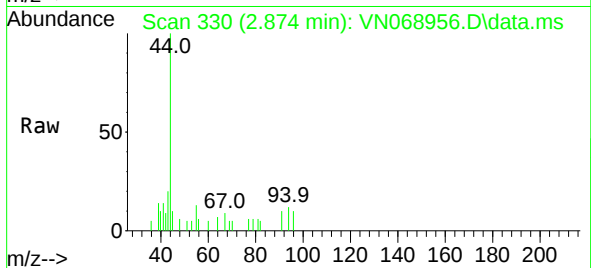
Tgt Ion: 50 Resp: 558
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#



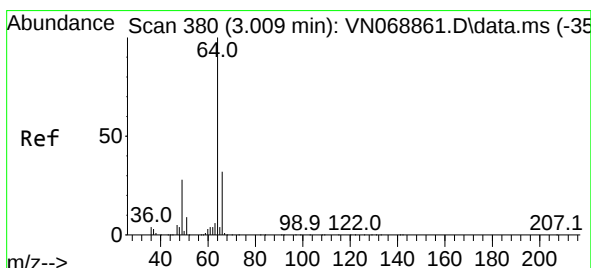
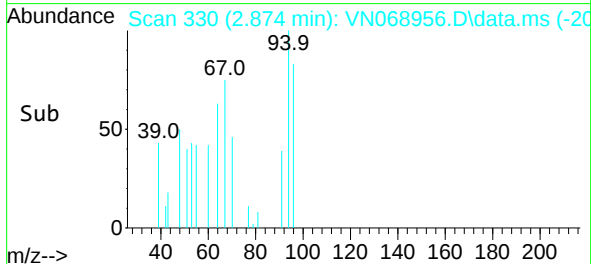
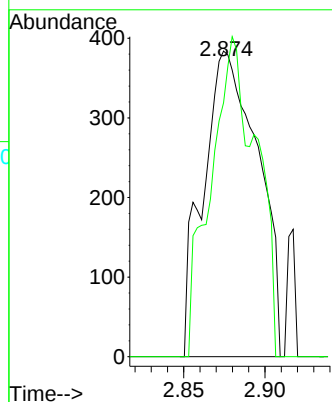


#5
Bromomethane
Concen: 122.737 ug/l
RT: 2.874 min Scan# 330
Delta R.T. 0.037 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Instrument :
MSVOA_N
ClientSampled :

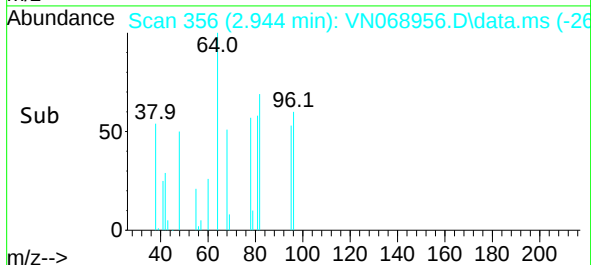
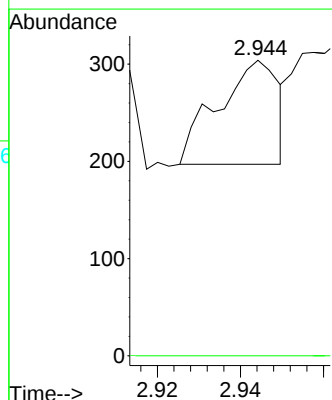
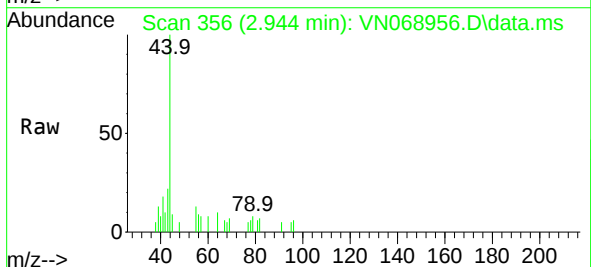


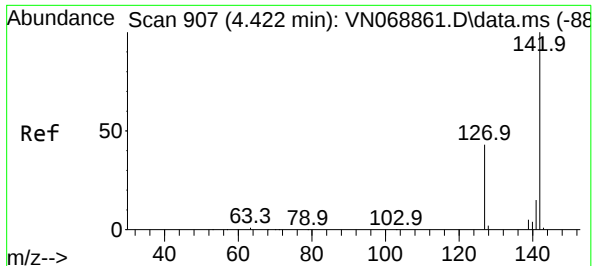
Tgt Ion: 94 Resp: 901
Ion Ratio Lower Upper
94 100
96 83.1 74.2 111.4



#6
Chloroethane
Concen: 13.731 ug/l
RT: 2.944 min Scan# 356
Delta R.T. -0.064 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

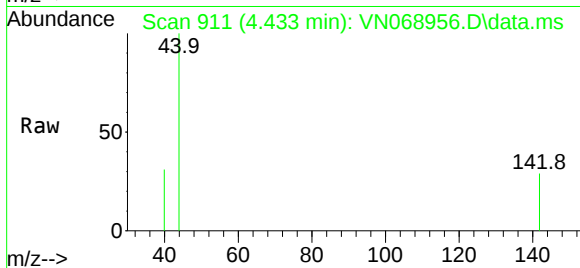
Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



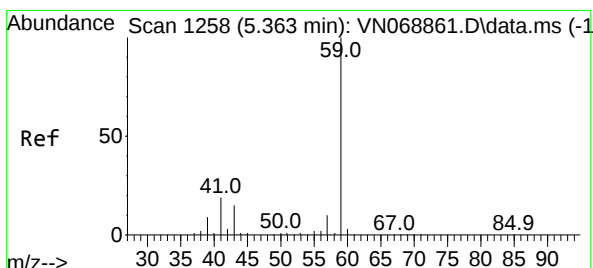
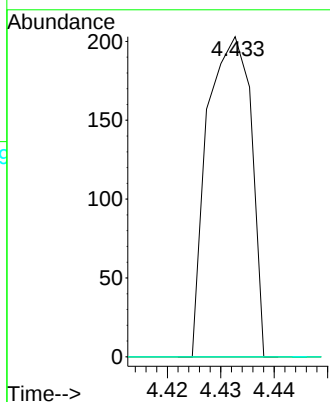
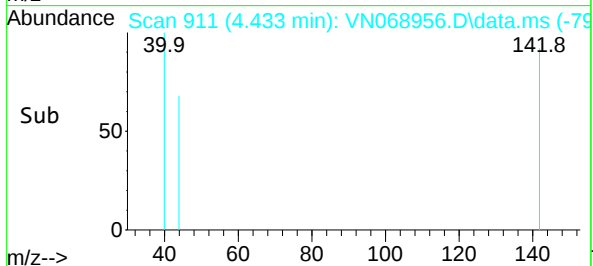


#10
Methyl Iodide
Concen: 7.885 ug/l
RT: 4.433 min Scan# 911
Delta R.T. 0.011 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

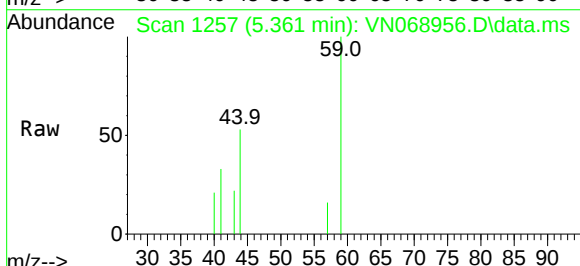
Instrument :
MSVOA_N
ClientSampled :



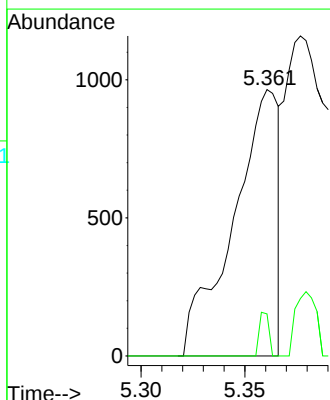
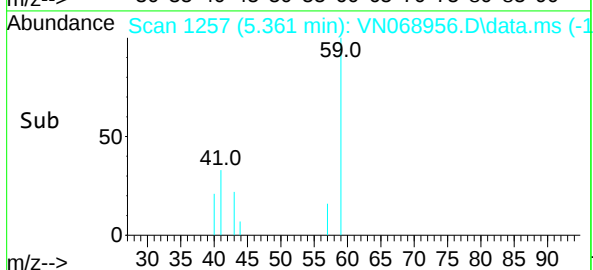
Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.3 16.9#

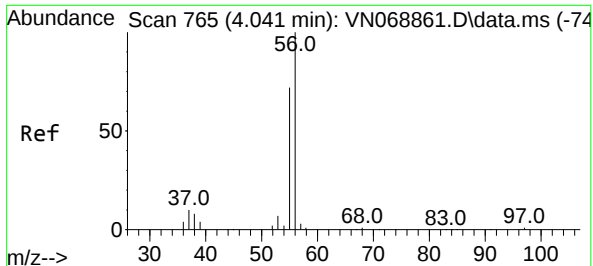


#11
Tert butyl alcohol
Concen: 563.348 ug/l
RT: 5.361 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02



Tgt Ion: 59 Resp: 1459
Ion Ratio Lower Upper
59 100
57 3.4 8.3 12.5#

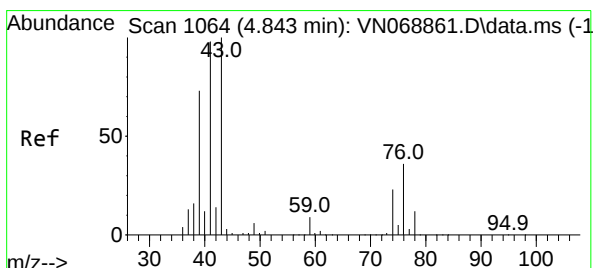
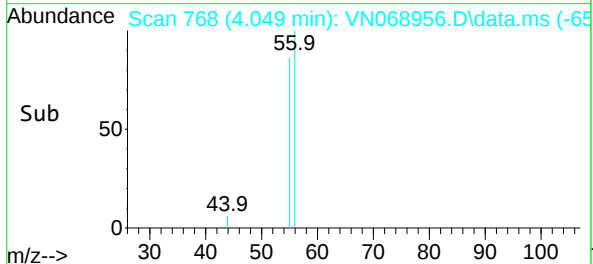
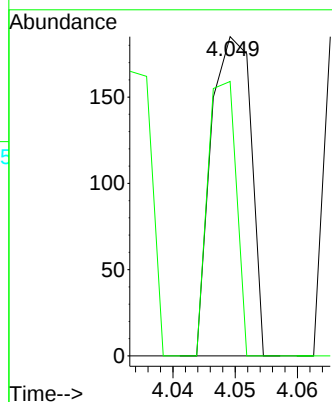
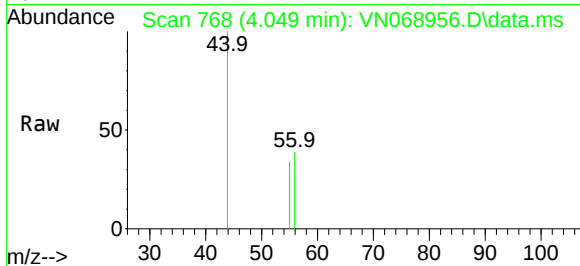




#13
Acrolein
Concen: 71.573 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

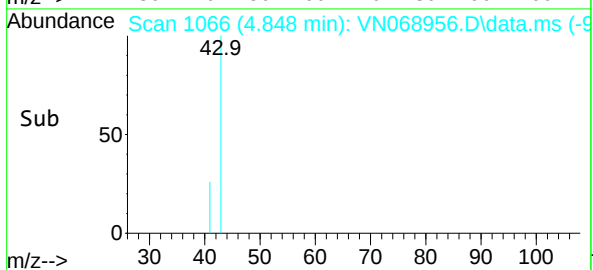
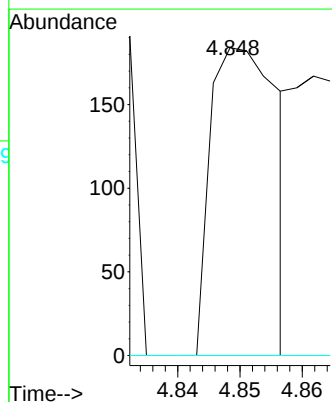
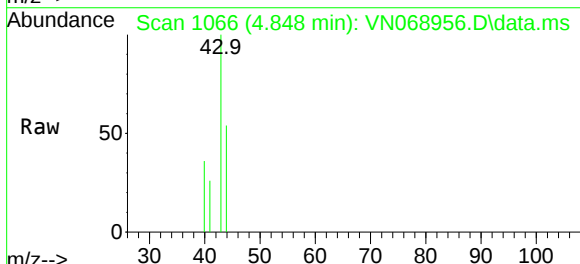
Instrument :
MSVOA_N
ClientSampled :

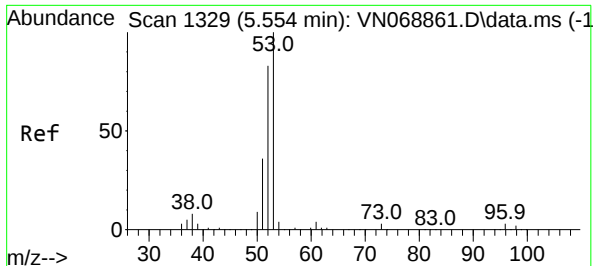
Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 62.2 58.1 87.1



#14
Allyl chloride
Concen: 7.357 ug/l
RT: 4.848 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 41 Resp: 137
Ion Ratio Lower Upper
41 100
39 0.0 55.6 83.4#
76 0.0 26.4 39.6#





#15

Acrylonitrile

Concen: 28.260 ug/l

RT: 5.570 min Scan# 1335

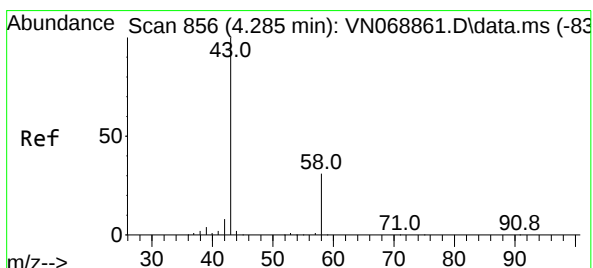
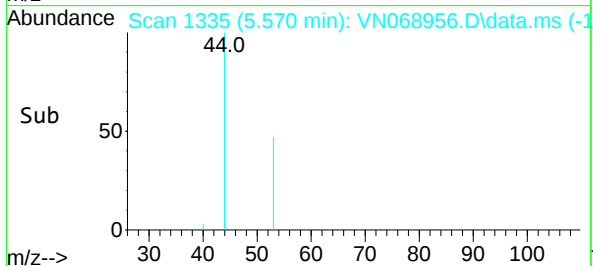
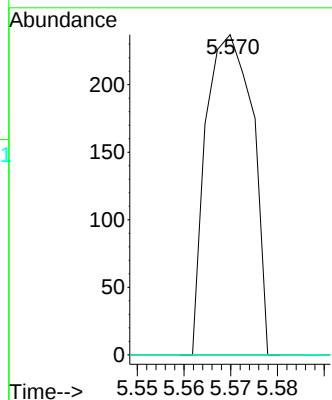
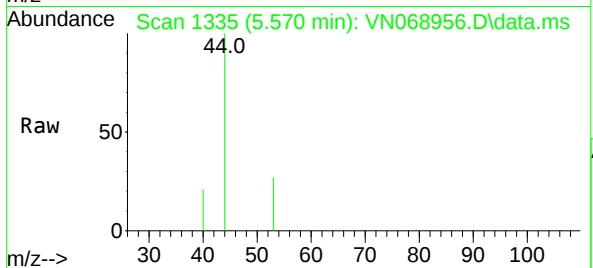
Delta R.T. 0.016 min

Lab File: VN068956.D

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Tgt Ion:	53	Resp:	164
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.7	98.5#
51	0.0	28.9	43.3#

Instrument :
MSVOA_N
ClientSampled :



#16

Acetone

Concen: 190.196 ug/l

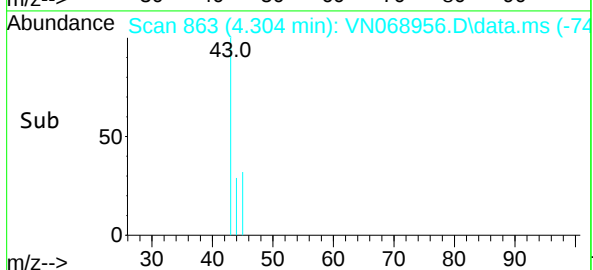
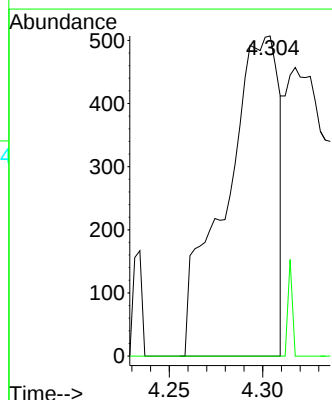
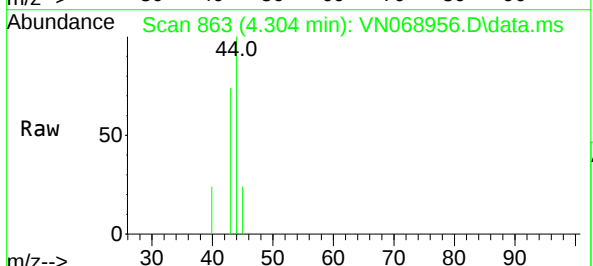
RT: 4.304 min Scan# 863

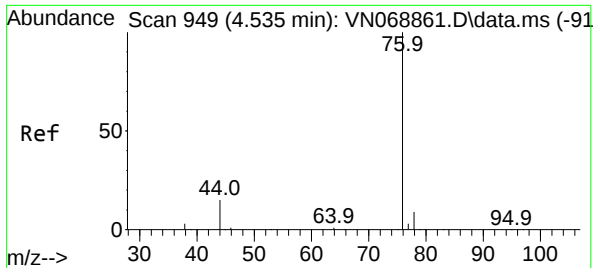
Delta R.T. 0.019 min

Lab File: VN068956.D

Acq: 15 Oct 2021 18:02

Tgt Ion:	43	Resp:	1006
Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.5	36.7#

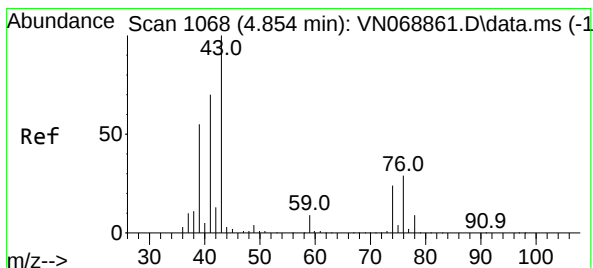
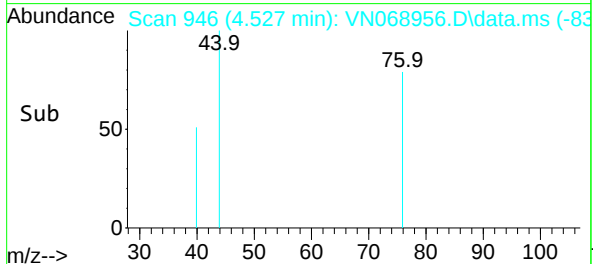
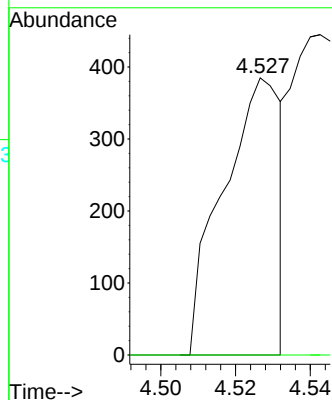
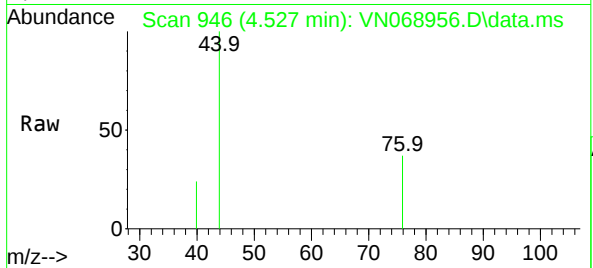




#17
Carbon Disulfide
Concen: 14.615 ug/l
RT: 4.527 min Scan# 946
Delta R.T. -0.008 min
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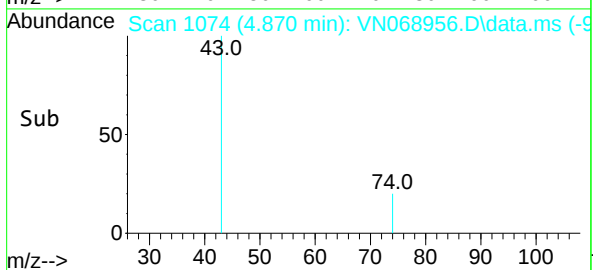
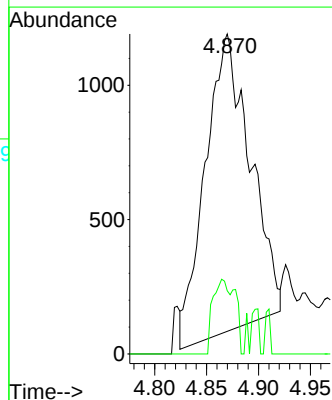
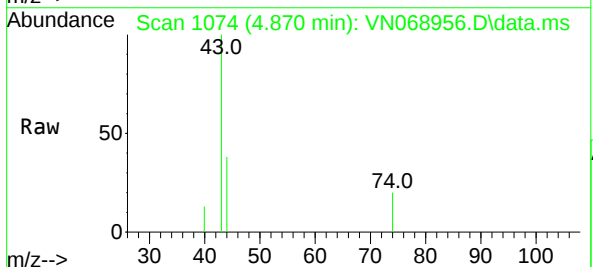
Instrument :
MSVOA_N
ClientSampled :

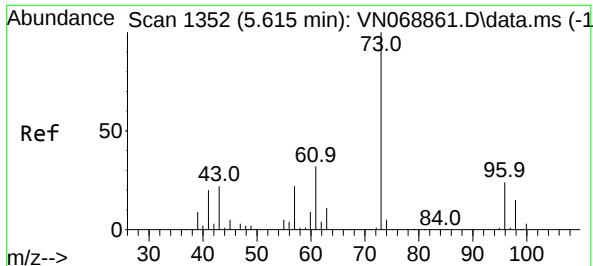
Tgt Ion: 76 Resp: 412
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 166.482 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 43 Resp: 3340
Ion Ratio Lower Upper
43 100
74 9.1 18.9 28.3#



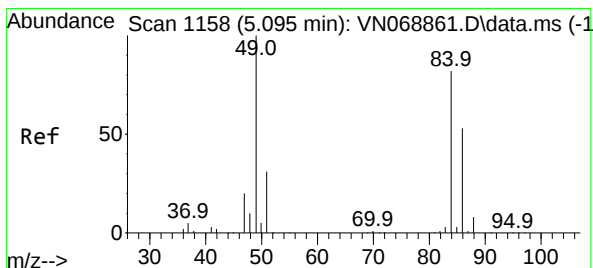
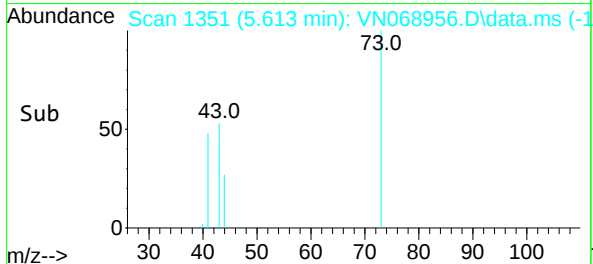
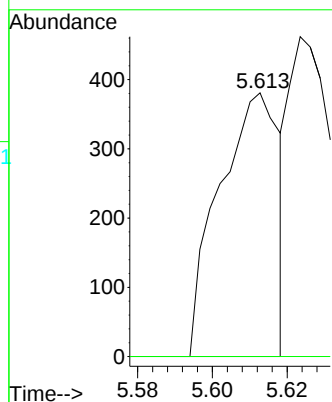
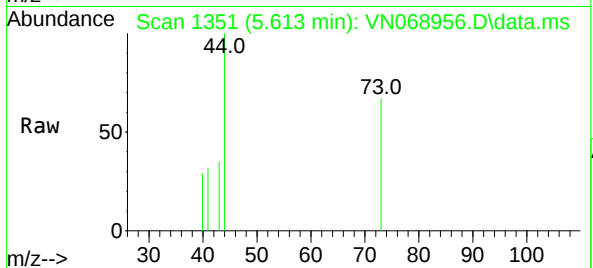


#19

Methyl tert-butyl Ether
Concen: 10.911 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Instrument :
MSVOA_N
ClientSampled :

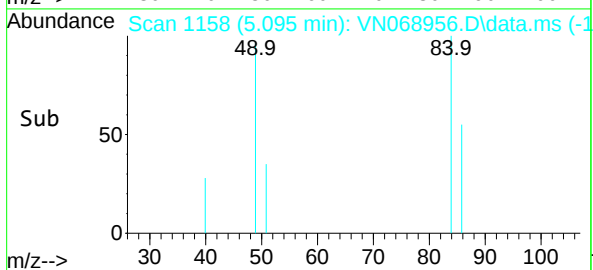
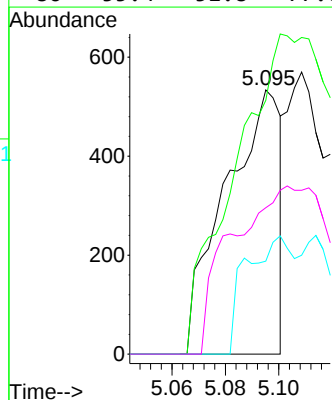
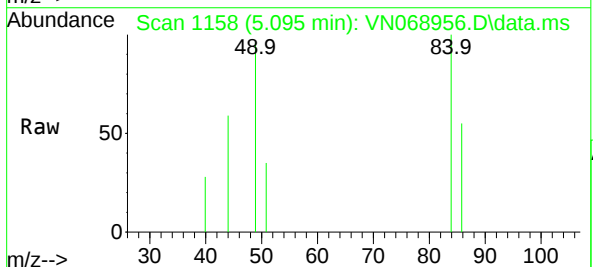
Tgt Ion: 73 Resp: 422
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#

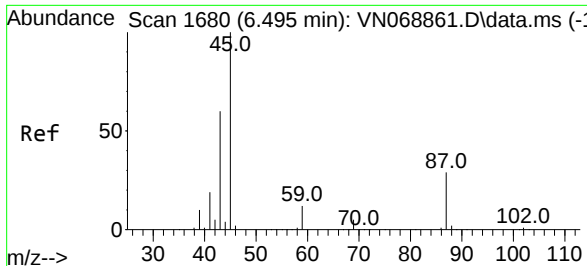


#20

Methylene Chloride
Concen: 62.592 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 84 Resp: 762
Ion Ratio Lower Upper
84 100
49 96.1 97.6 146.4#
51 35.2 30.3 45.5
86 55.4 51.8 77.6

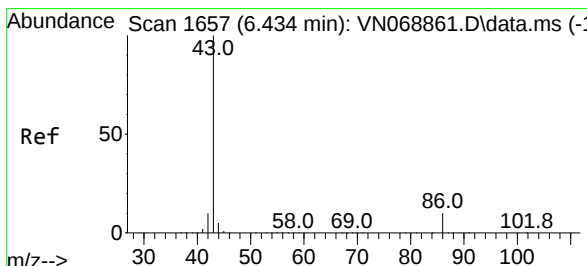
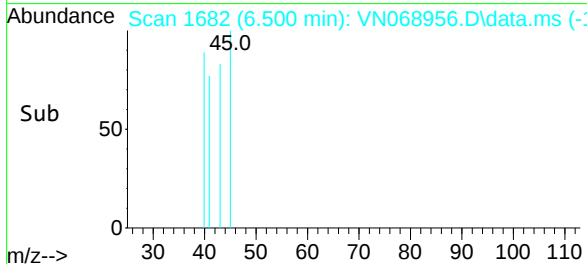
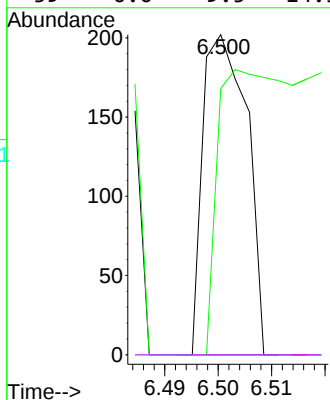
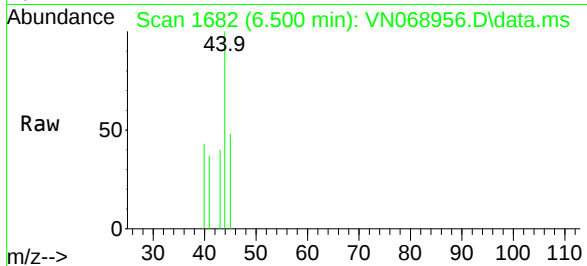




#22
Diisopropyl ether
Concen: 2.970 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.005 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

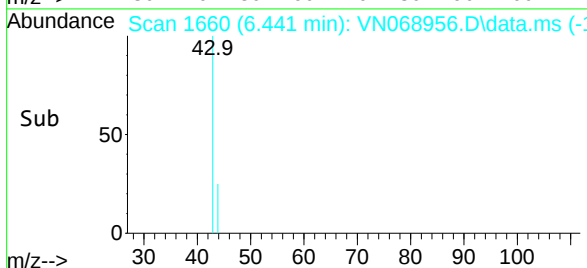
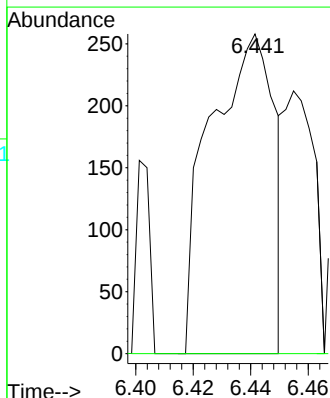
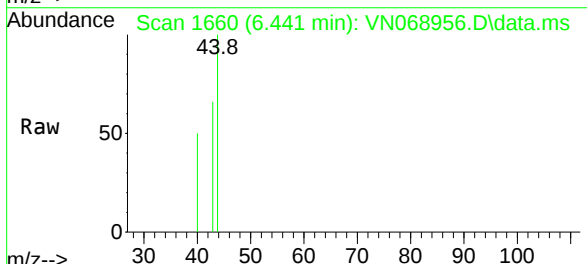
Instrument :
MSVOA_N
ClientSampled :

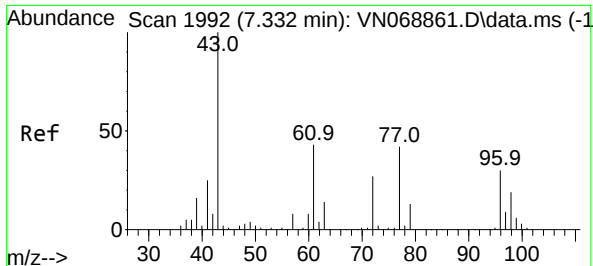
Tgt Ion: 45	Resp: 115
Ion Ratio	Lower Upper
45 100	
43 83.2	48.0 72.0#
87 0.0	23.4 35.0#
59 0.0	9.5 14.3#



#23
Vinyl Acetate
Concen: 13.561 ug/l
RT: 6.441 min Scan# 1660
Delta R.T. 0.008 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 43	Resp: 397		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.3	12.5#	

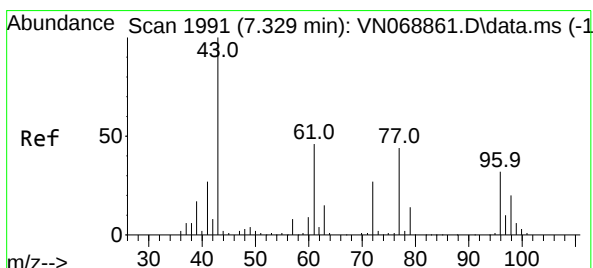
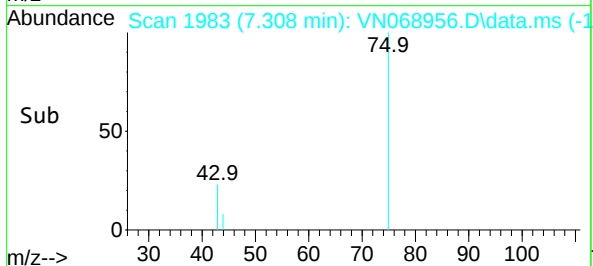
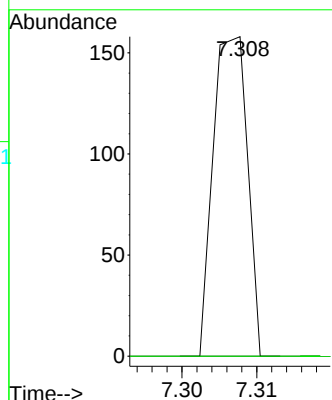
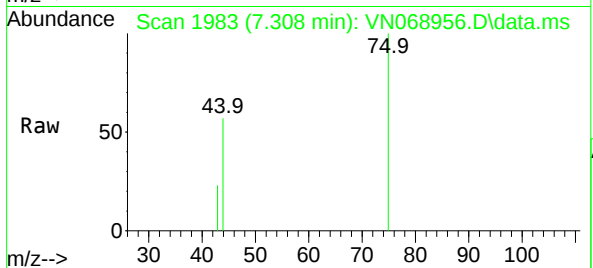




#25
2-Butanone
Concen: 6.251 ug/l
RT: 7.308 min Scan# 1983
Delta R.T. -0.024 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

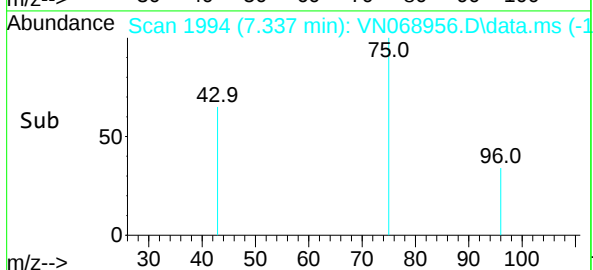
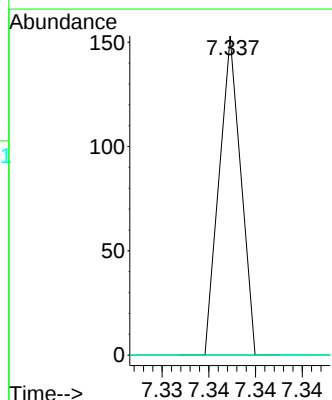
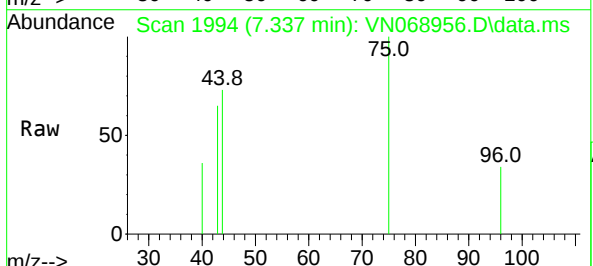
Instrument :
MSVOA_N
ClientSampled :

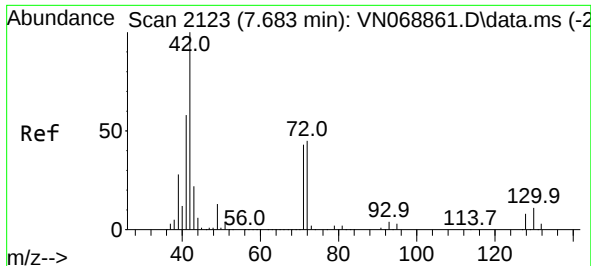
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#27
cis-1,2-Dichloroethene
Concen: 1.843 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.008 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 96 Resp: 25
Ion Ratio Lower Upper
96 100
61 0.0 0.0 290.6
98 0.0 0.0 127.2





#29

Tetrahydrofuran

Concen: 2451.219 ug/l

RT: 7.697 min Scan# 2128

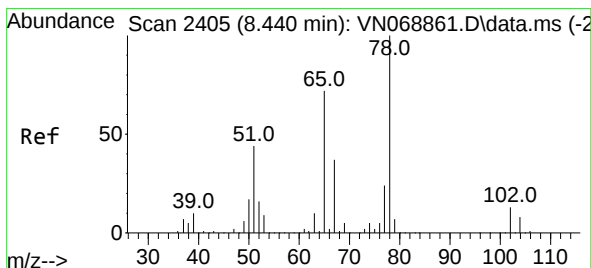
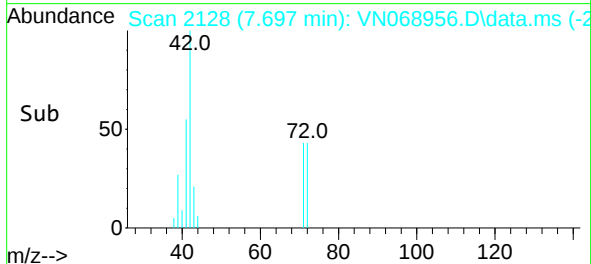
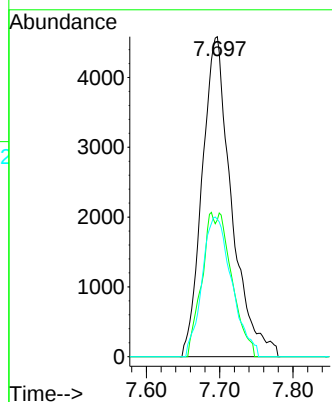
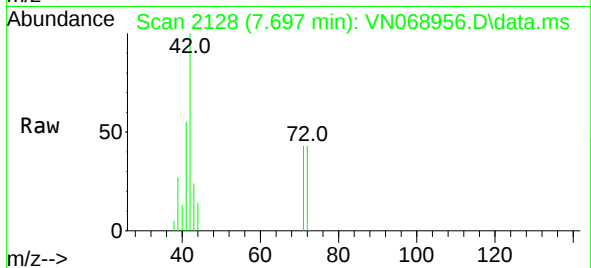
Delta R.T. 0.013 min

Lab File: VN068956.D

Acq: 15 Oct 2021 18:02

Tgt Ion:	42	Resp:	12717
Ion	Ratio	Lower	Upper
42	100		
72	21.4	35.4	53.2#
71	44.1	33.8	50.6

Instrument :
MSVOA_N
ClientSampled :



#33

1,2-Dichloroethane-d4

Concen: 68.861 ug/l

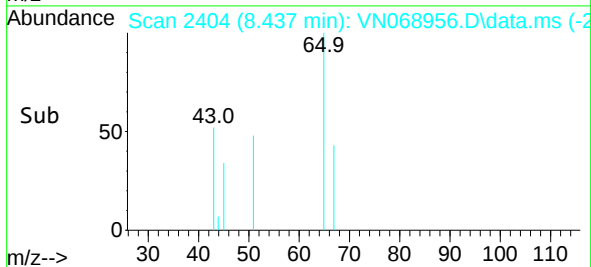
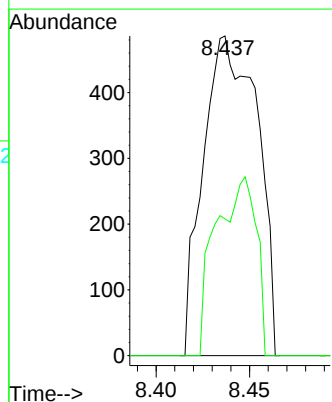
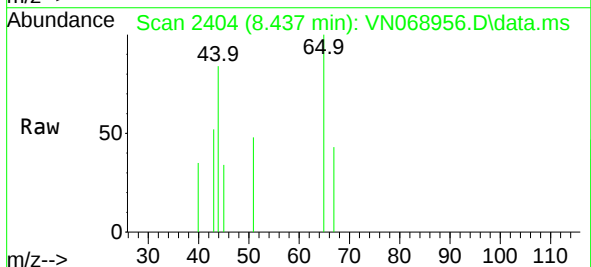
RT: 8.437 min Scan# 2404

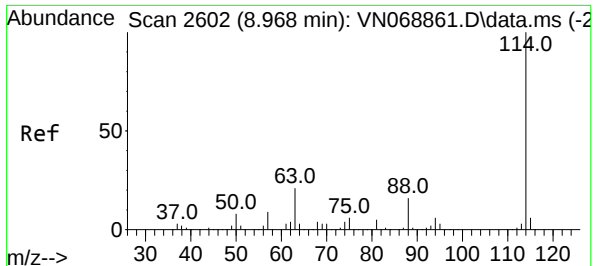
Delta R.T. -0.003 min

Lab File: VN068956.D

Acq: 15 Oct 2021 18:02

Tgt Ion:	65	Resp:	976
Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	103.8

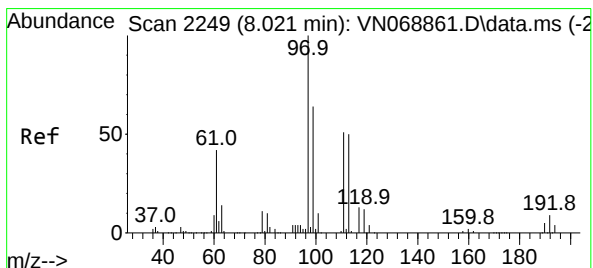
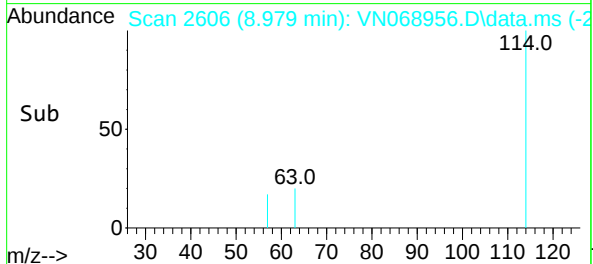
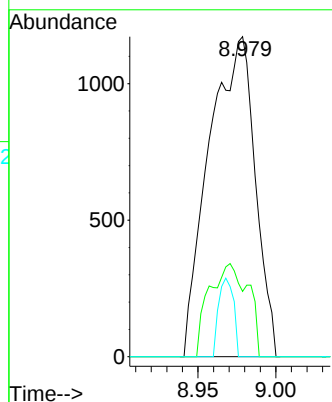
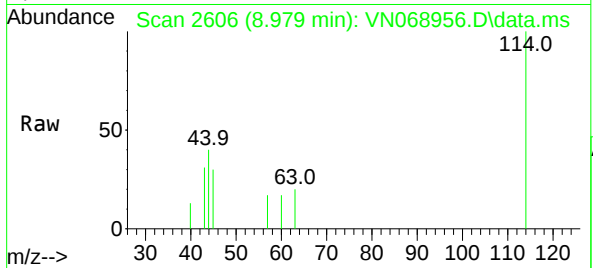




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.979 min Scan# 2606
Delta R.T. 0.011 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

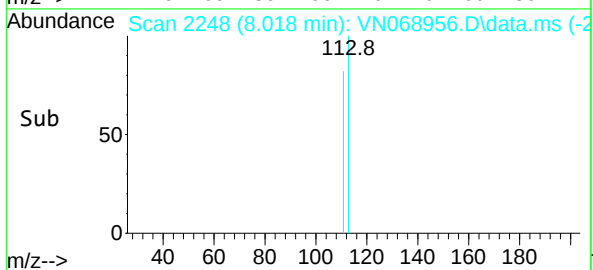
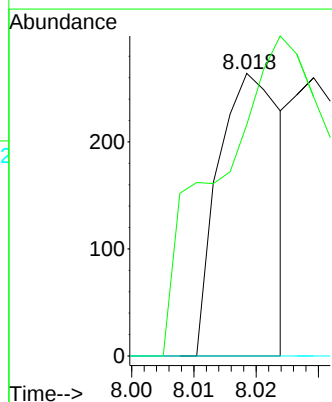
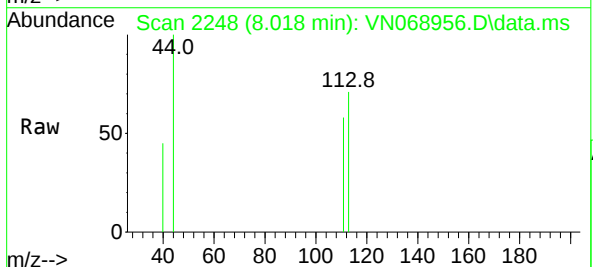
Instrument :
MSVOA_N
ClientSampled :

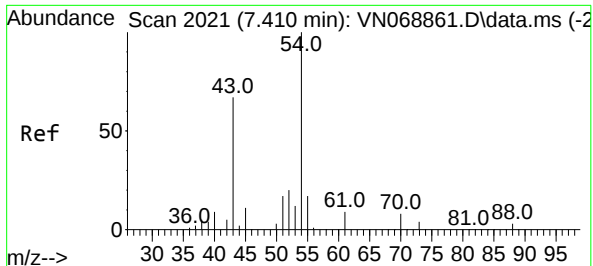
Tgt Ion:114 Resp: 2409
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 0.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 12.985 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion:113 Resp: 182
Ion Ratio Lower Upper
113 100
111 249.5 83.2 124.8#
192 0.0 15.0 22.4#

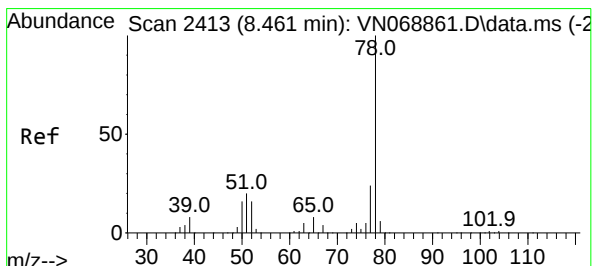
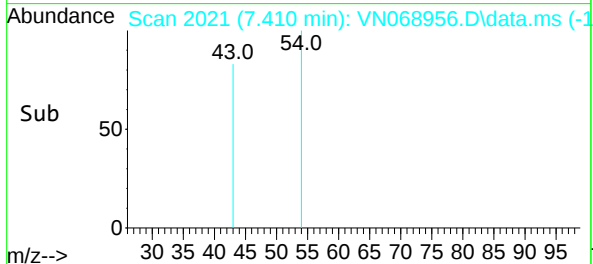
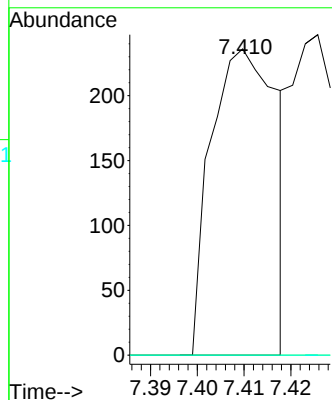
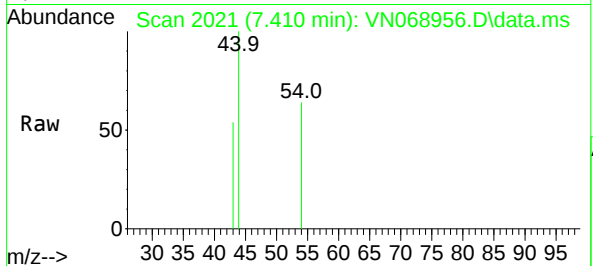




#37
Ethyl Acetate
Concen: 10.823 ug/l
RT: 7.410 min Scan# 2021
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

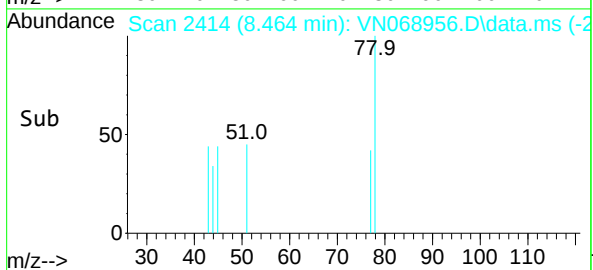
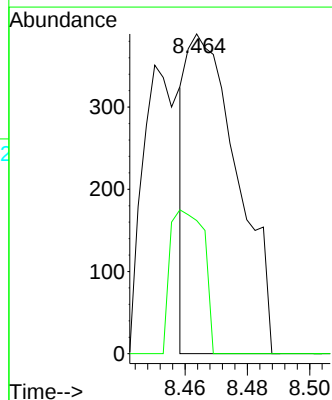
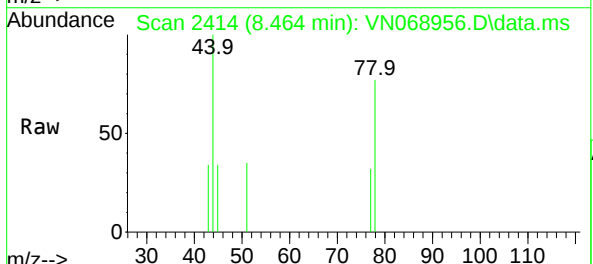
Instrument :
MSVOA_N
ClientSampled :

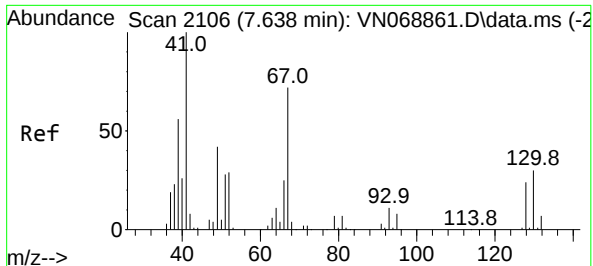
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#



#40
Benzene
Concen: 7.070 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 78 Resp: 443
Ion Ratio Lower Upper
78 100
77 41.6 19.1 28.7#

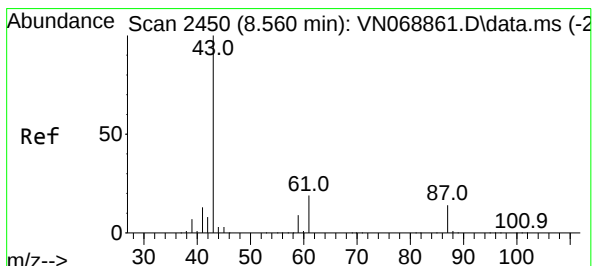
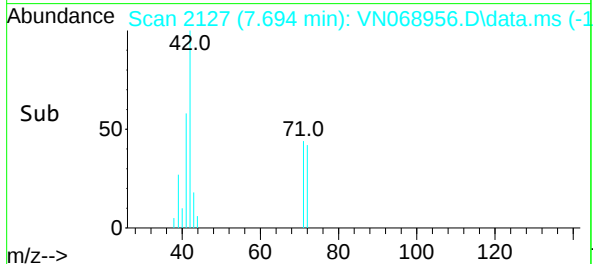
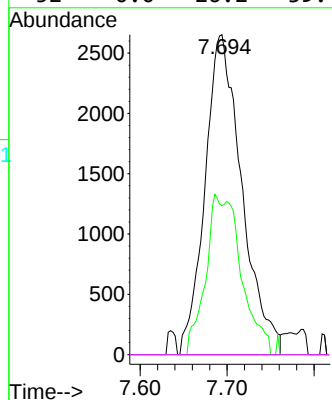
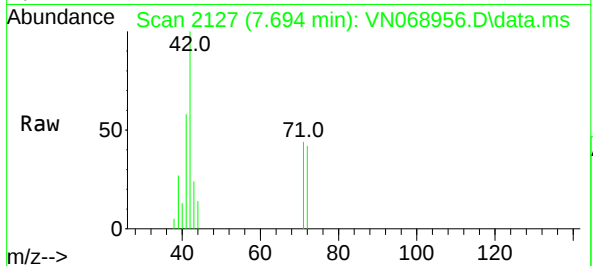




#41
Methacrylonitrile
Concen: 729.985 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.056 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

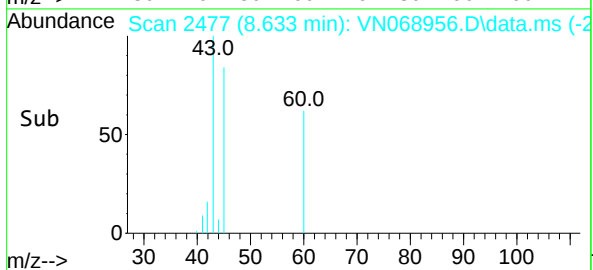
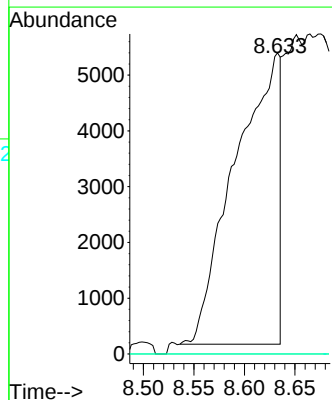
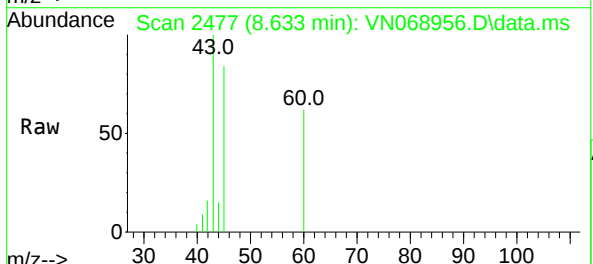
Instrument :
MSVOA_N
ClientSampled :

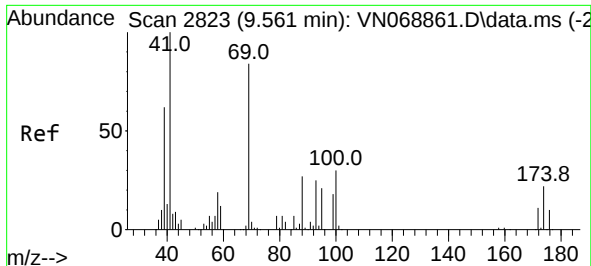
Tgt Ion: 41	Resp: 7820
Ion Ratio	Lower Upper
41 100	
39 22.5	44.9 67.3#
67 0.0	62.6 93.8#
52 0.0	26.2 39.4#



#43
Isopropyl Acetate
Concen: 430.017 ug/l
RT: 8.633 min Scan# 2477
Delta R.T. 0.072 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 43	Resp: 16124
Ion Ratio	Lower Upper
43 100	
61 0.0	20.4 30.6#
87 0.0	10.7 16.1#

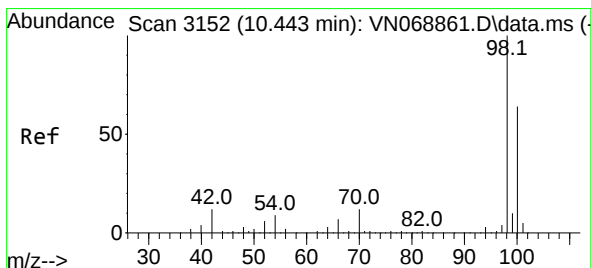
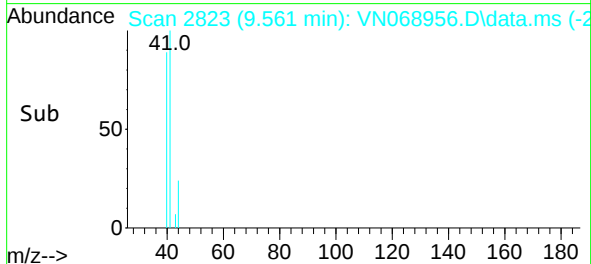
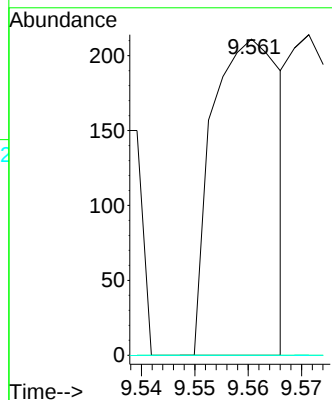
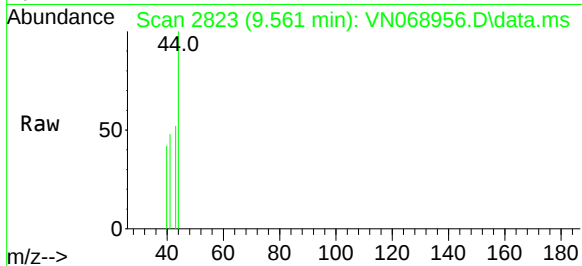




#48
Methyl methacrylate
Concen: 10.501 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

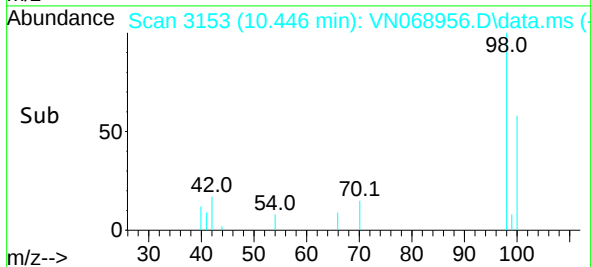
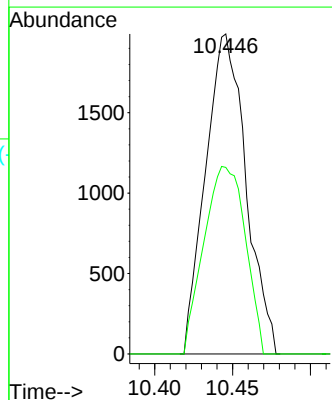
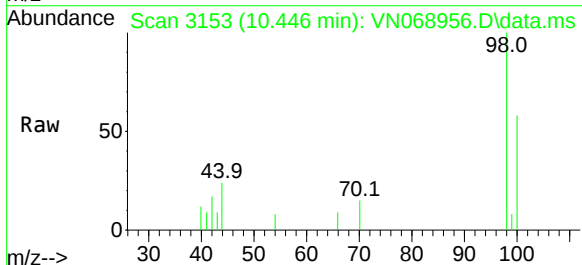
Instrument :
MSVOA_N
ClientSampled :

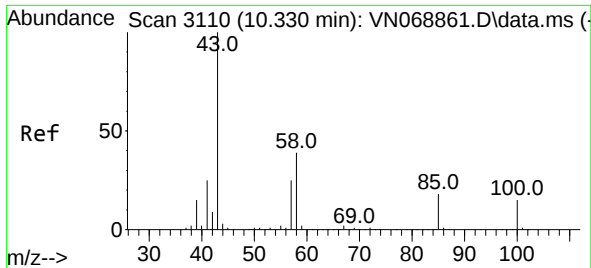
Tgt Ion: 41 Resp: 185
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 0.0 50.2 75.2#



#50
Toluene-d8
Concen: 63.963 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 98 Resp: 3587
Ion Ratio Lower Upper
98 100
100 60.1 51.5 77.3

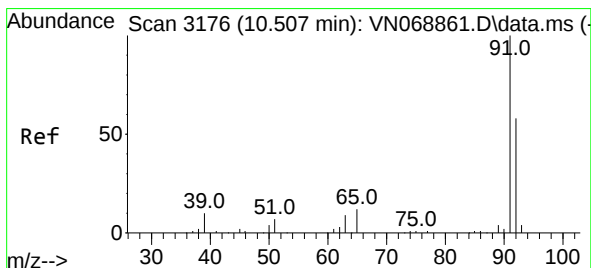
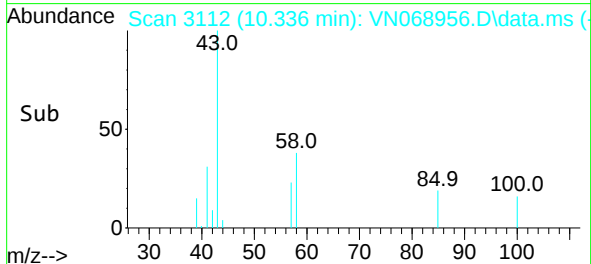
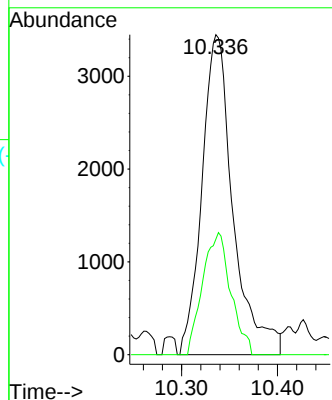
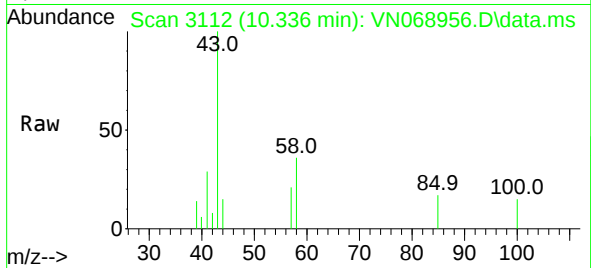




#51
4-Methyl-2-Pentanone
Concen: 358.389 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.005 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

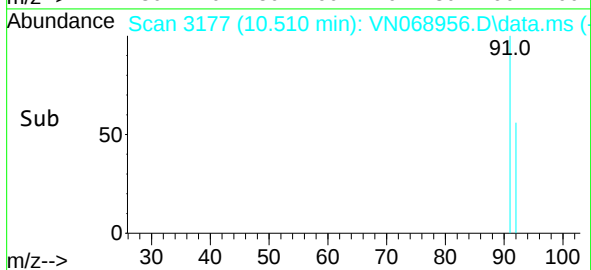
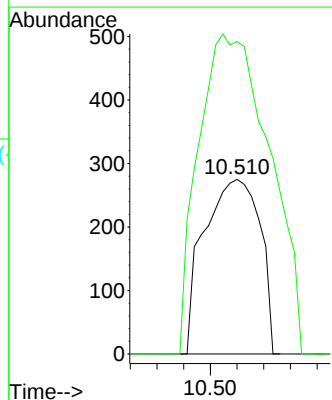
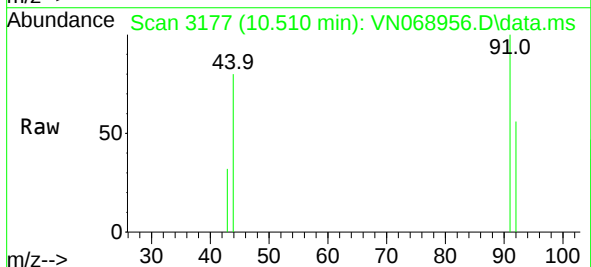
Instrument :
MSVOA_N
ClientSampled :

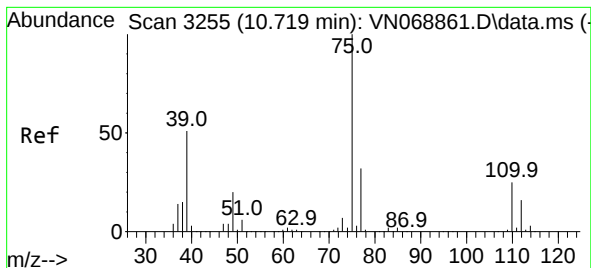
Tgt Ion: 43 Resp: 7792
Ion Ratio Lower Upper
43 100
58 34.5 31.0 46.4



#52
Toluene
Concen: 9.923 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 92 Resp: 400
Ion Ratio Lower Upper
92 100
91 232.8 138.5 207.7#

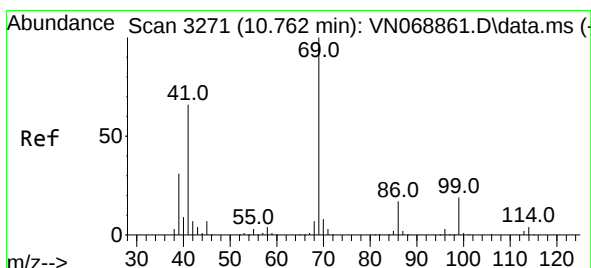
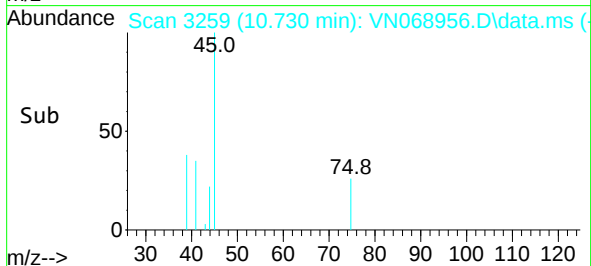
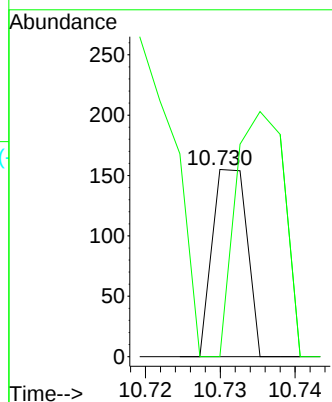
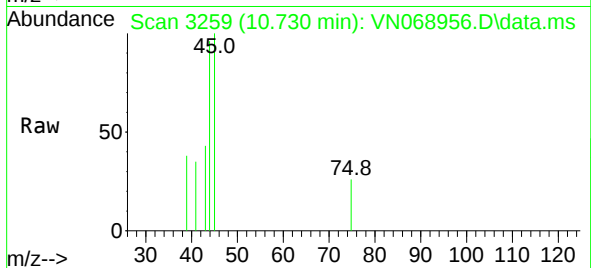




#53
t-1,3-Dichloropropene
Concen: 1.919 ug/l
RT: 10.730 min Scan# 3259
Delta R.T. 0.011 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

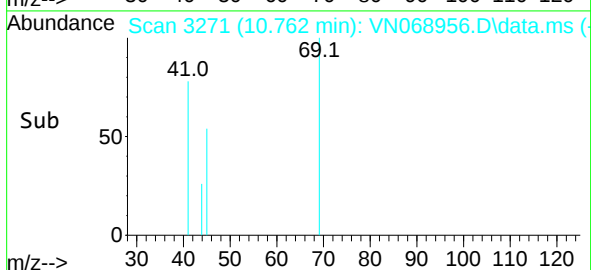
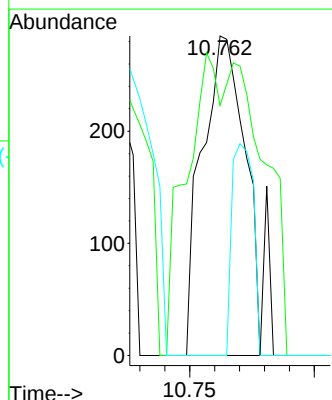
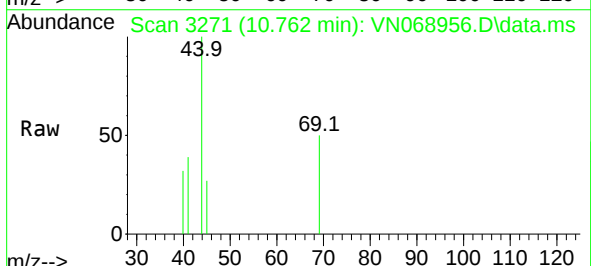
Instrument :
MSVOA_N
ClientSampled :

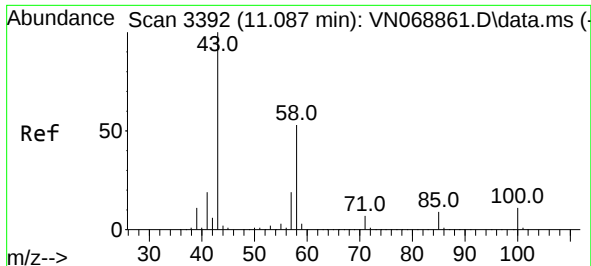
Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



#56
Ethyl methacrylate
Concen: 13.640 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 69 Resp: 364
Ion Ratio Lower Upper
69 100
41 71.2 53.3 79.9
39 31.0 33.3 49.9#

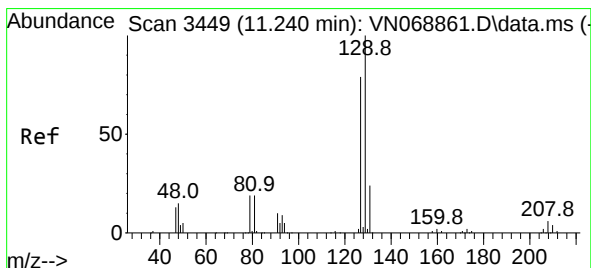
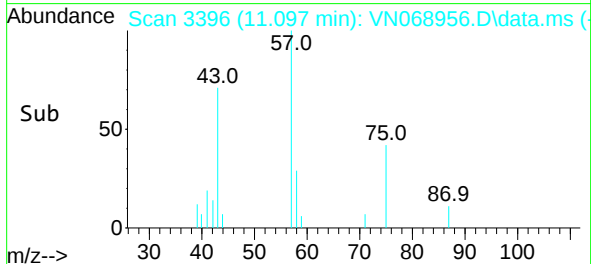
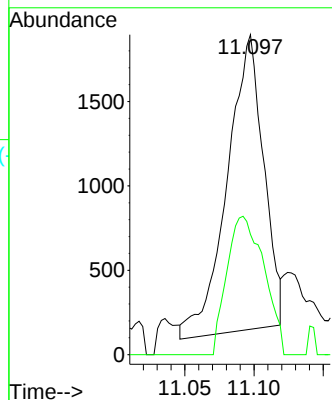
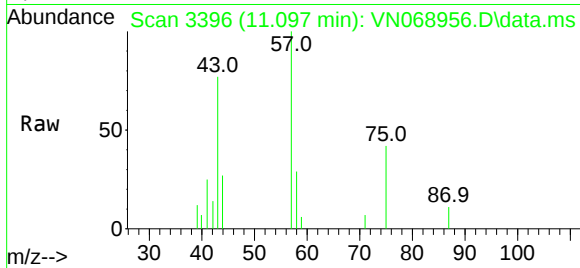




#59
2-Hexanone
Concen: 205.622 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.011 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

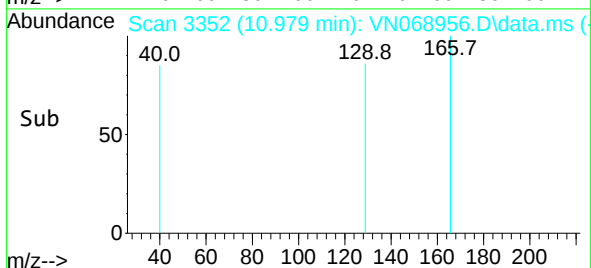
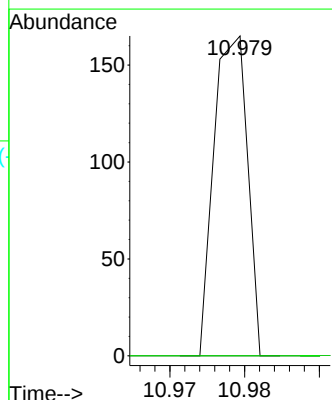
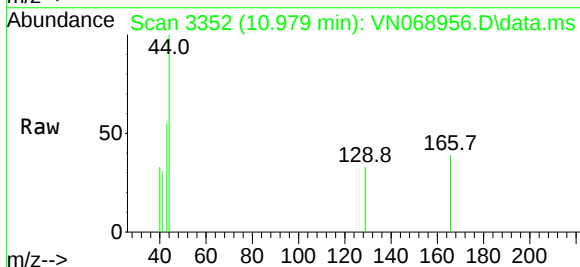
Instrument :
MSVOA_N
ClientSampled :

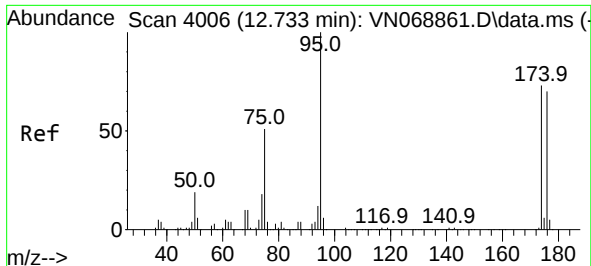
Tgt Ion: 43 Resp: 3206
Ion Ratio Lower Upper
43 100
58 47.8 26.9 80.7



#60
Dibromochloromethane
Concen: 2.843 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion:129 Resp: 51
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

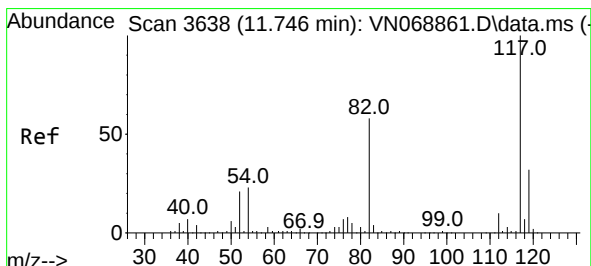
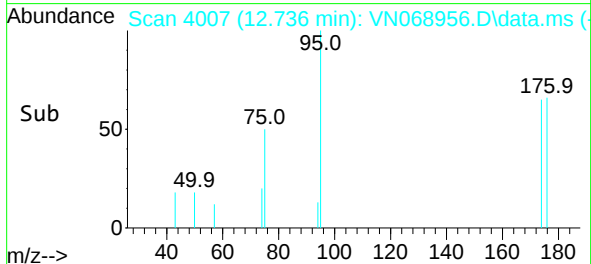
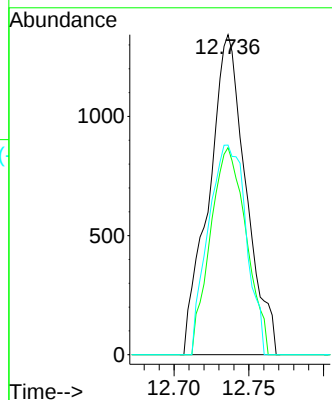
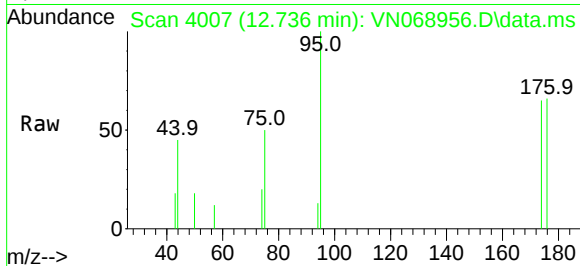




#62
4-Bromofluorobenzene
Concen: 109.509 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

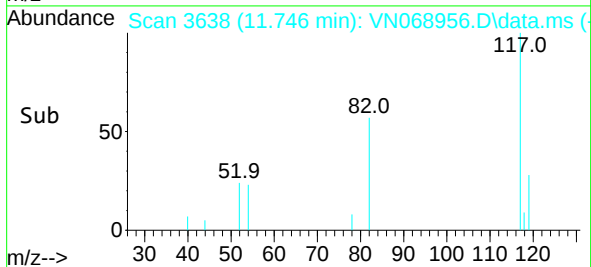
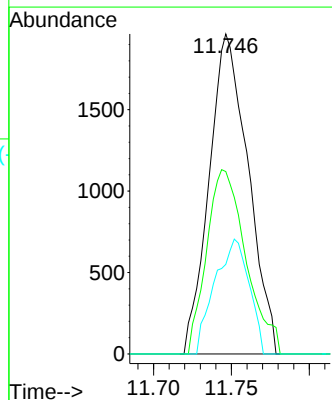
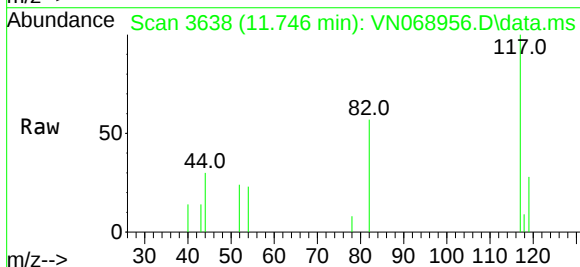
Instrument :
MSVOA_N
ClientSampled :

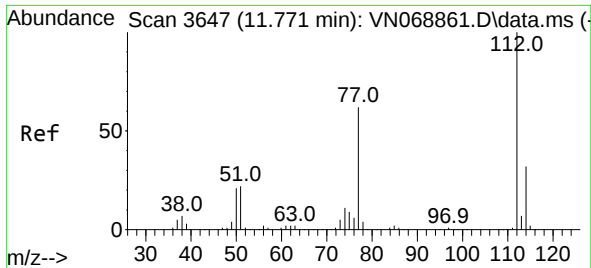
Tgt Ion: 95 Resp: 2317
Ion Ratio Lower Upper
95 100
174 62.8 0.0 144.8
176 67.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 117 Resp: 3419
Ion Ratio Lower Upper
117 100
82 57.0 46.4 69.6
119 28.0 26.0 39.0

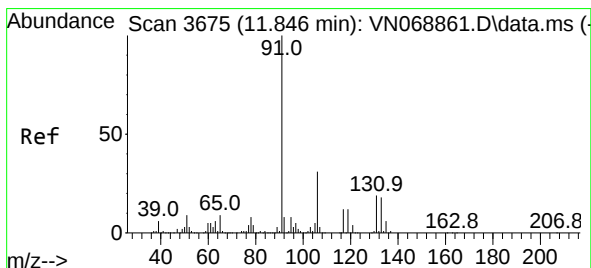
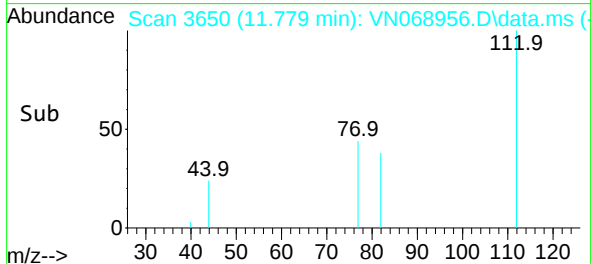
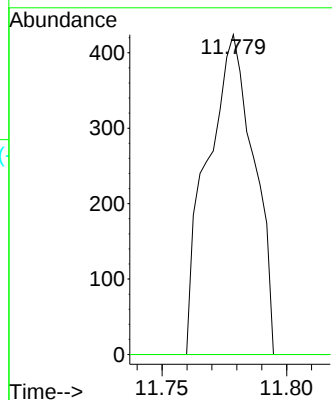
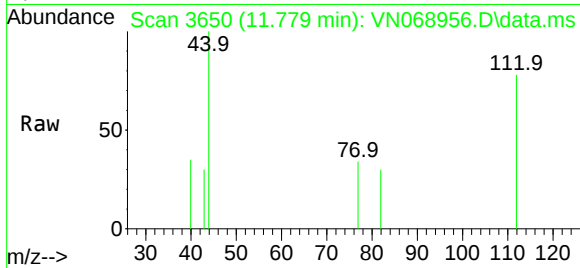




#65
Chlorobenzene
Concen: 8.517 ug/l
RT: 11.779 min Scan# 3650
Delta R.T. 0.008 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

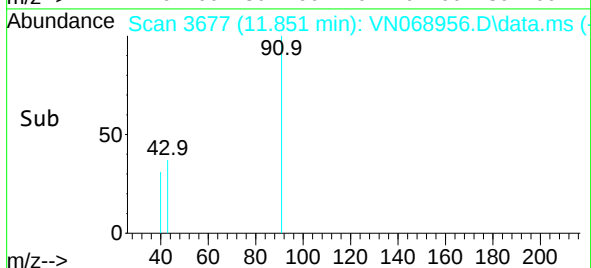
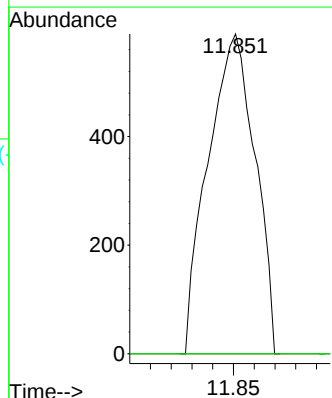
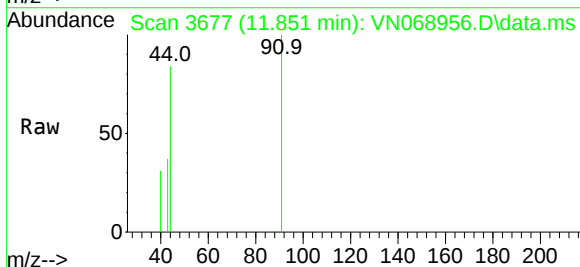
Instrument :
MSVOA_N
ClientSampled :

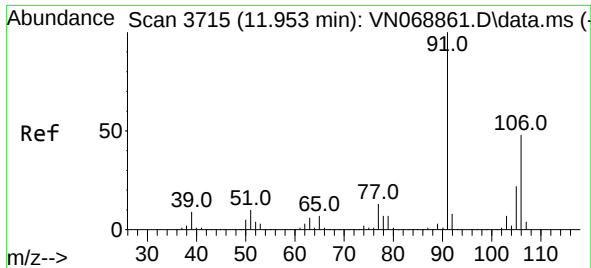
Tgt Ion:112 Resp: 551
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 7.714 ug/l
RT: 11.851 min Scan# 3677
Delta R.T. 0.005 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 91 Resp: 927
Ion Ratio Lower Upper
91 100
106 0.0 24.8 37.2#

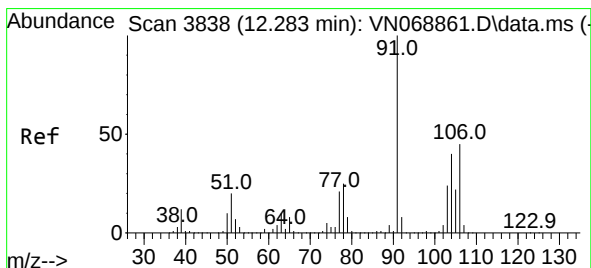
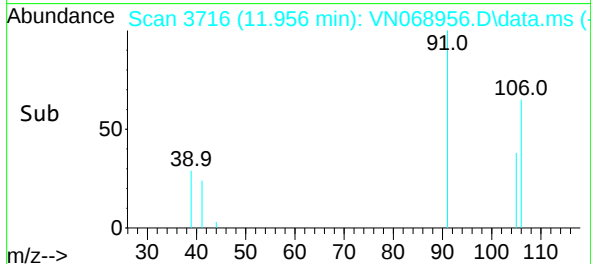
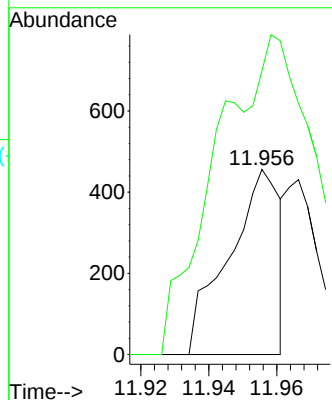
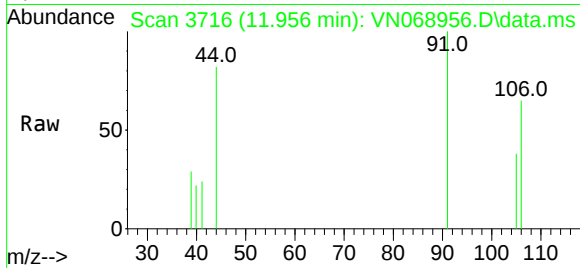




#68
m/p-Xylenes
Concen: 10.470 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

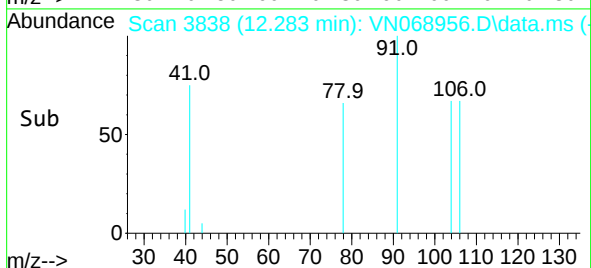
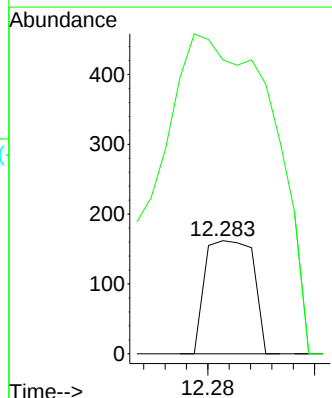
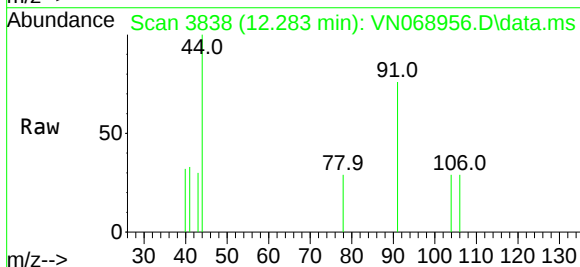
Instrument :
MSVOA_N
ClientSampled :

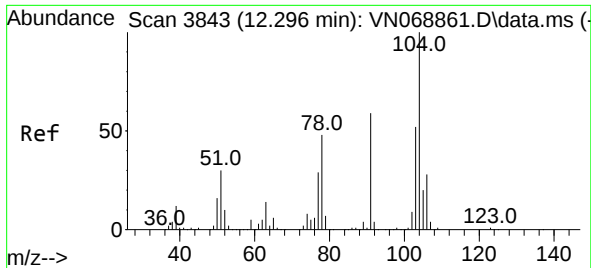
Tgt Ion:106 Resp: 477
Ion Ratio Lower Upper
106 100
91 335.4 166.8 250.2#



#69
o-Xylene
Concen: 2.215 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion:106 Resp: 101
Ion Ratio Lower Upper
106 100
91 662.4 109.6 328.6#

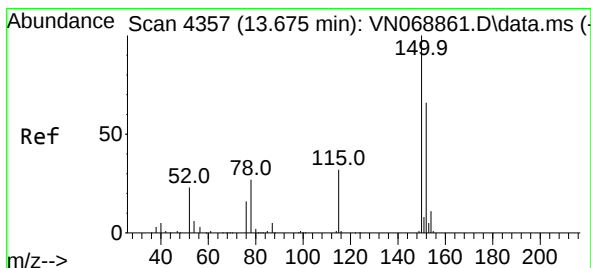
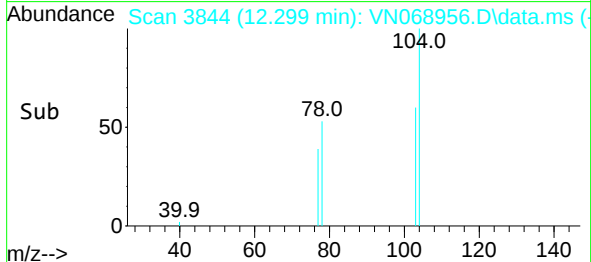
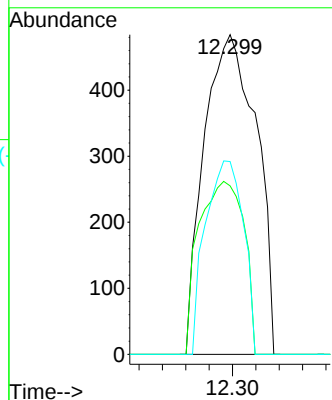
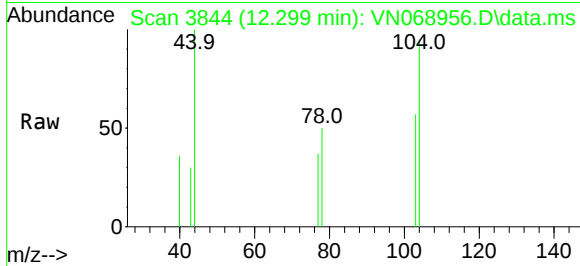




#70
Styrene
Concen: 10.104 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

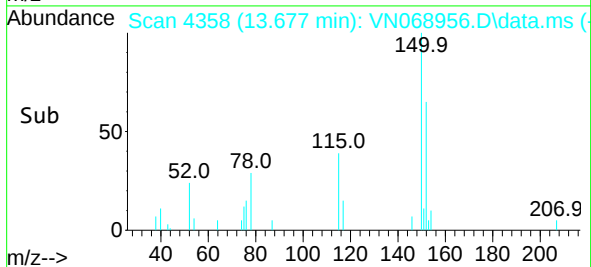
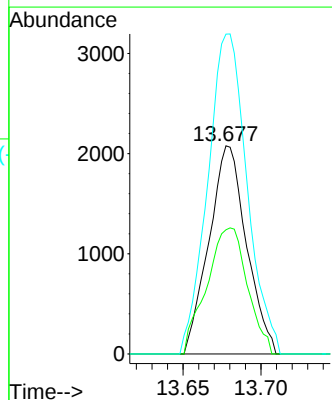
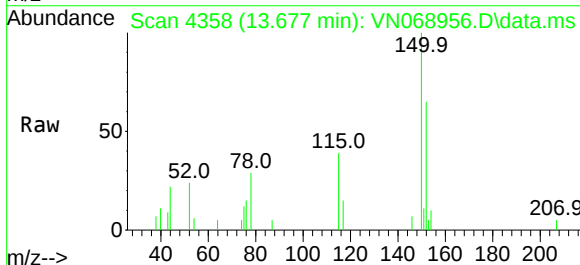
Instrument :
MSVOA_N
ClientSampled :

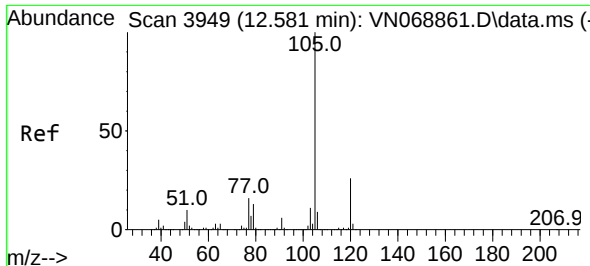
Tgt Ion:104 Resp: 750
Ion Ratio Lower Upper
104 100
78 46.8 42.2 63.4
103 44.0 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion:152 Resp: 3474
Ion Ratio Lower Upper
152 100
115 65.7 31.4 94.3
150 161.1 0.0 351.0

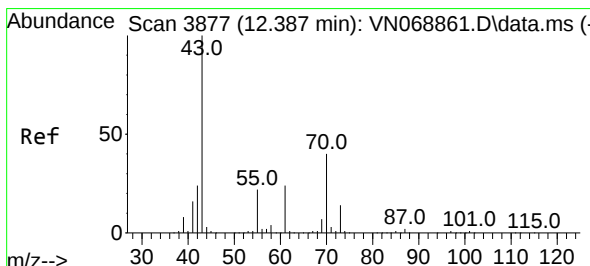
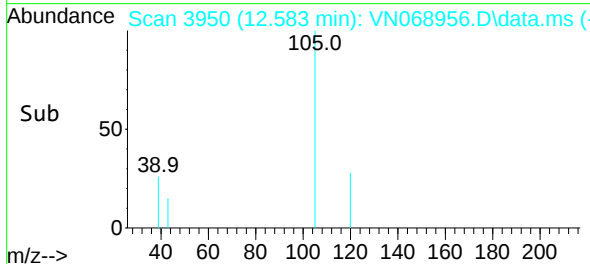
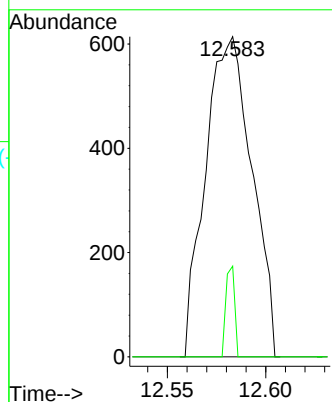
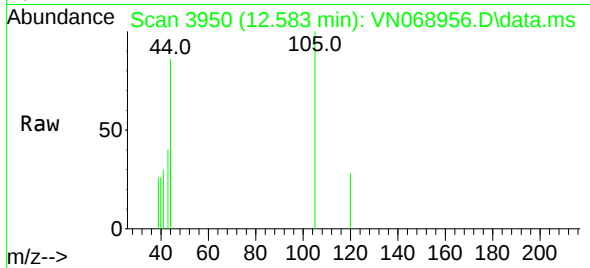




#73
Isopropylbenzene
Concen: 3.486 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

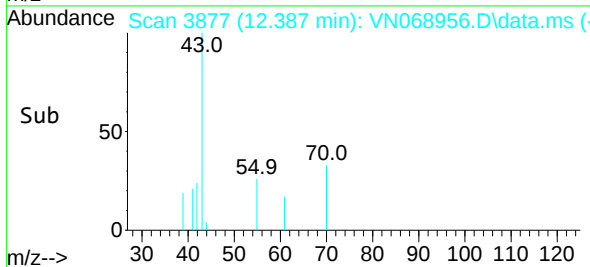
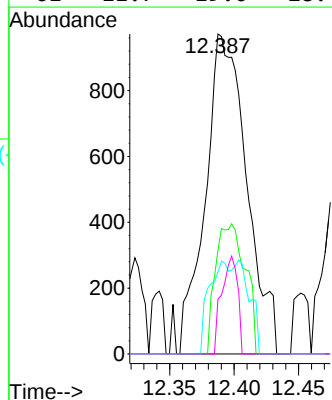
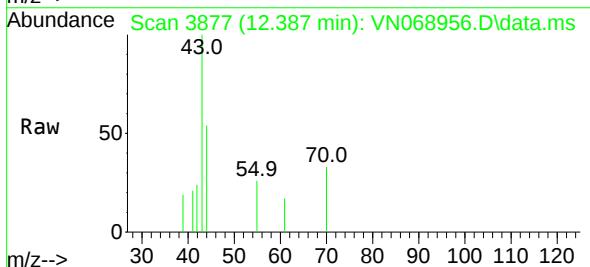
Instrument :
MSVOA_N
ClientSampled :

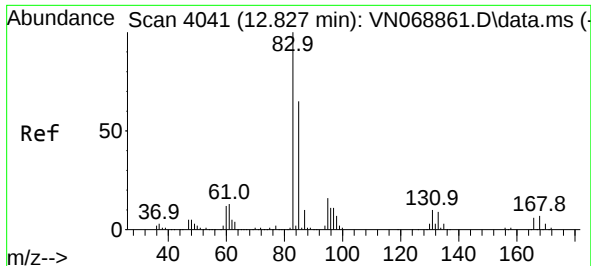
Tgt Ion:105 Resp: 1008
Ion Ratio Lower Upper
105 100
120 5.4 13.1 39.3#



#74
N-ethyl acetate
Concen: 19.799 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 43 Resp: 2169
Ion Ratio Lower Upper
43 100
70 29.1 32.2 48.2#
55 13.7 18.0 27.0#
61 11.7 19.0 28.4#

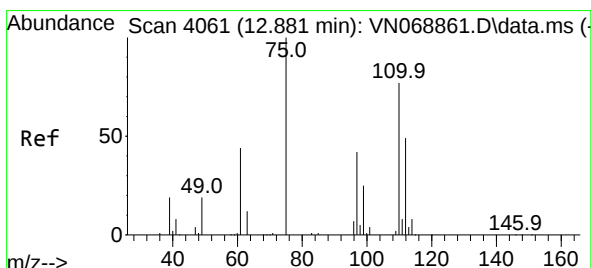
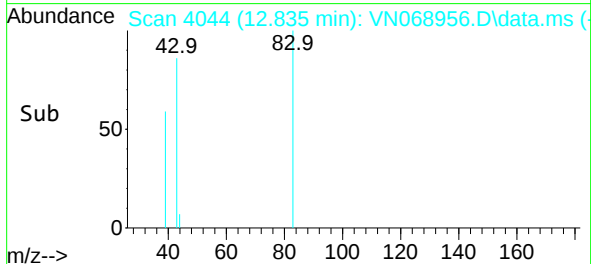
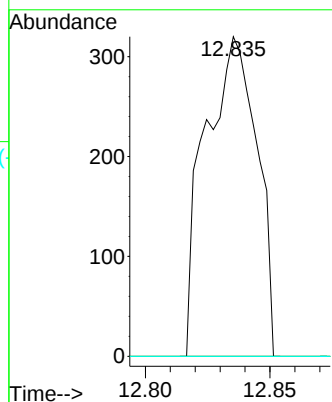
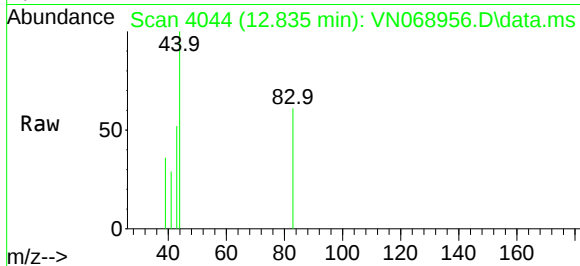




#75
1,1,2,2-Tetrachloroethane
Concen: 5.529 ug/l
RT: 12.835 min Scan# 4044
Delta R.T. 0.008 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

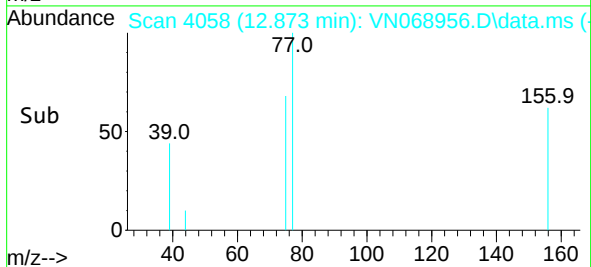
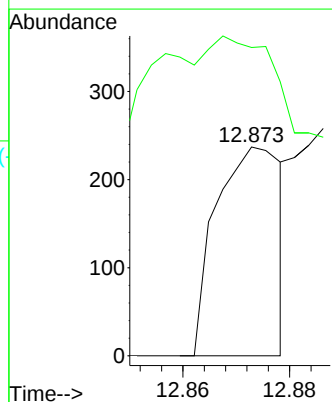
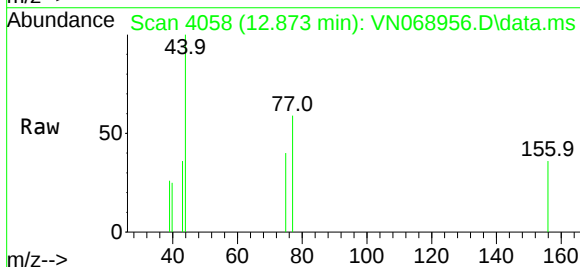
Instrument :
MSVOA_N
ClientSampled :

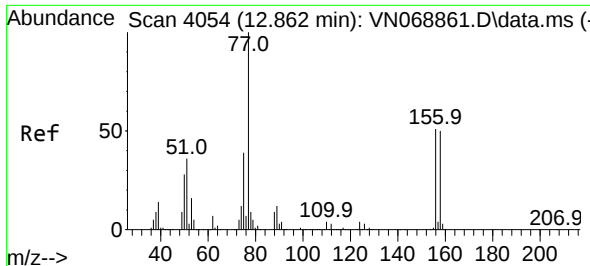
Tgt Ion: 83 Resp: 462
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 0.0 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 2.706 ug/l
RT: 12.873 min Scan# 4058
Delta R.T. -0.008 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 75 Resp: 200
Ion Ratio Lower Upper
75 100
77 394.0 96.2 288.4#

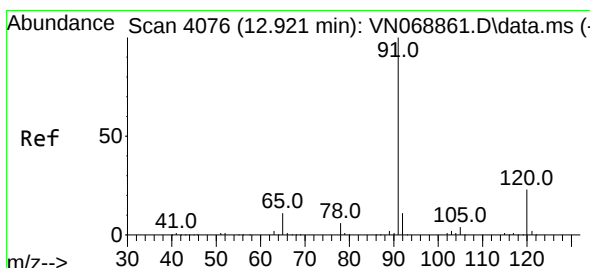
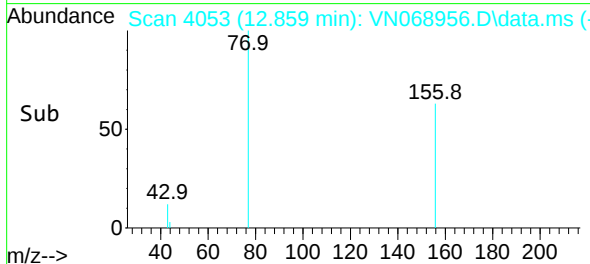
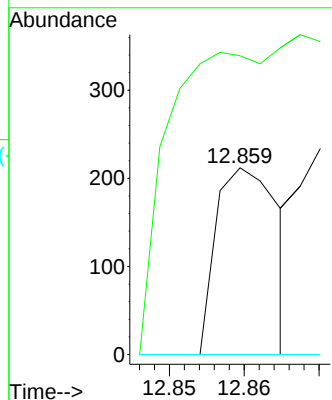
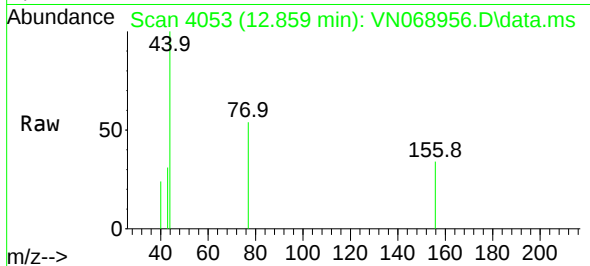




#77
Bromobenzene
Concen: 1.908 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

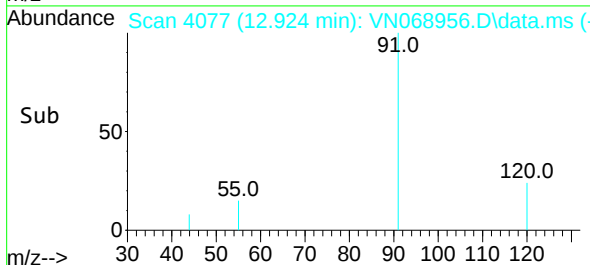
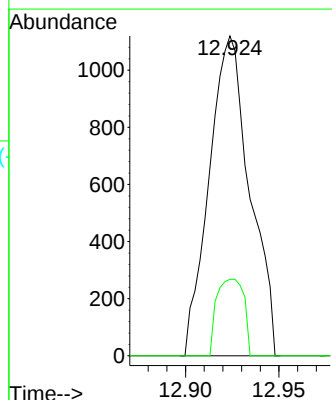
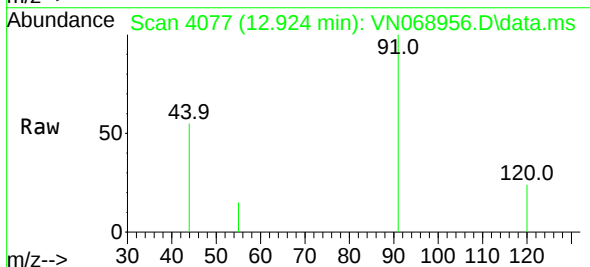
Instrument :
MSVOA_N
ClientSampled :

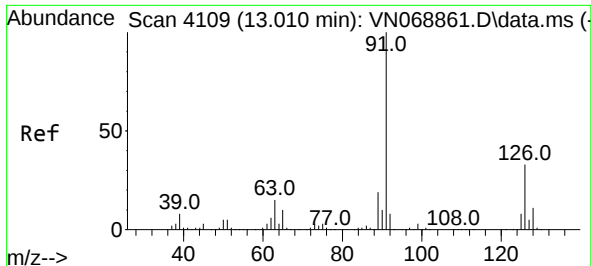
Tgt Ion:156 Resp: 122
Ion Ratio Lower Upper
156 100
77 0.0 111.8 335.3#
158 0.0 48.4 145.0#



#78
n-propylbenzene
Concen: 5.225 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 91 Resp: 1698
Ion Ratio Lower Upper
91 100
120 15.9 11.4 34.1

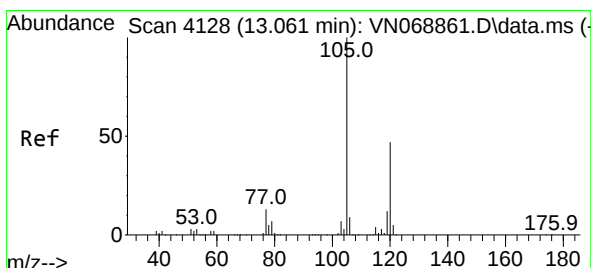
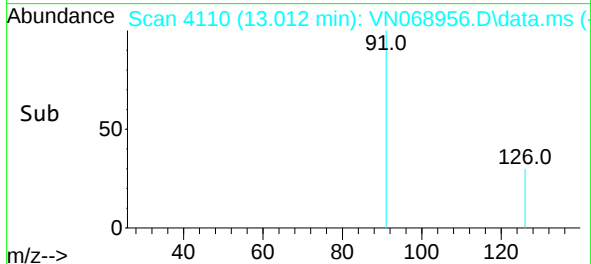
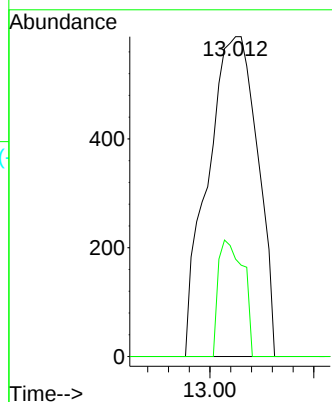
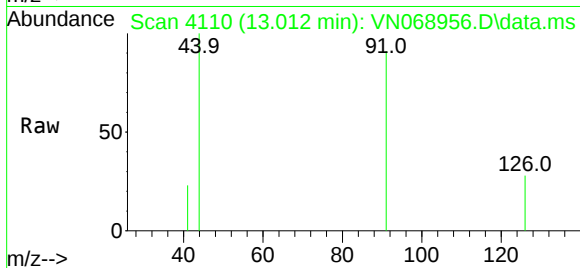




#79
2-Chlorotoluene
Concen: 4.888 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

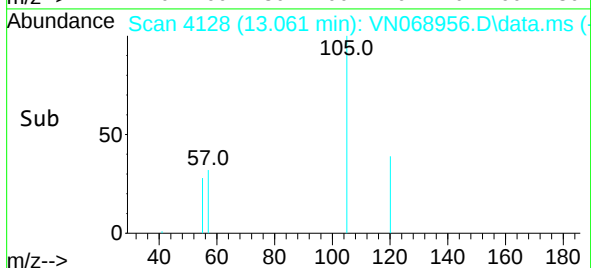
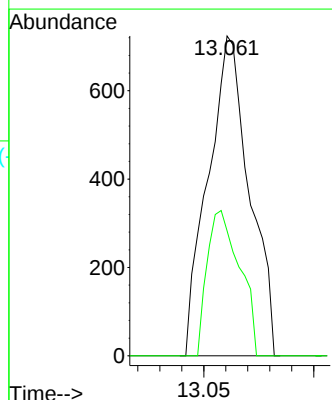
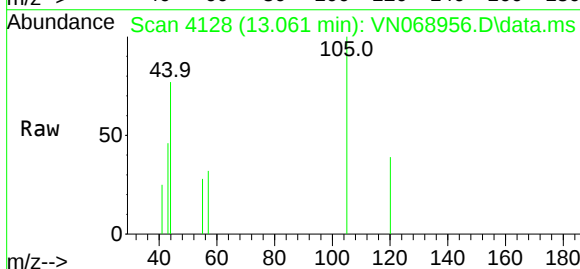
Instrument :
MSVOA_N
ClientSampled :

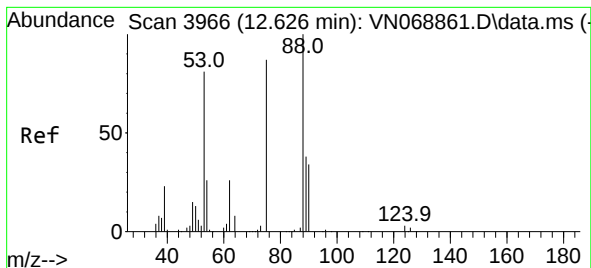
Tgt Ion: 91 Resp: 979
Ion Ratio Lower Upper
91 100
126 18.2 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 3.928 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 105 Resp: 946
Ion Ratio Lower Upper
105 100
120 35.7 23.4 70.2

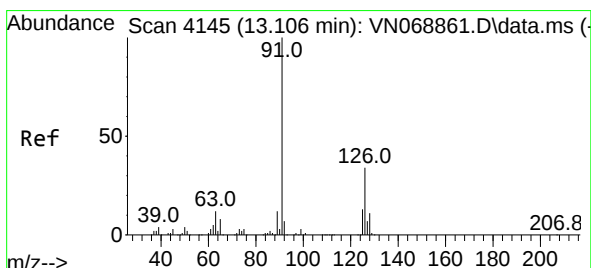
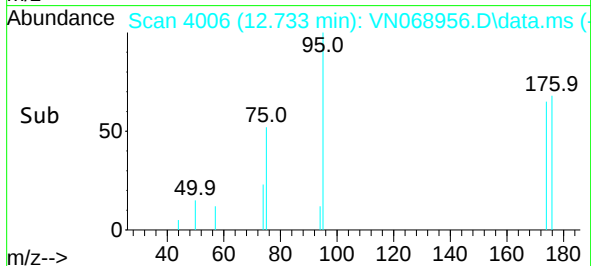
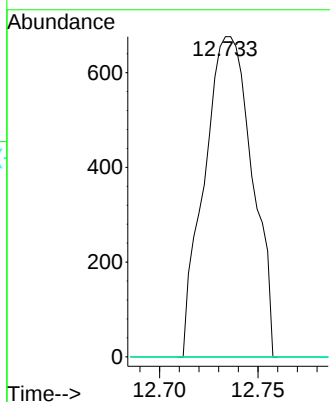
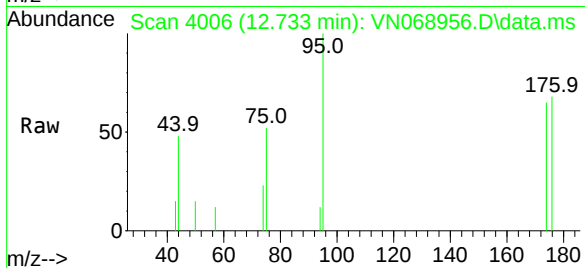




#81
trans-1,4-Dichloro-2-butene
Concen: 37.027 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

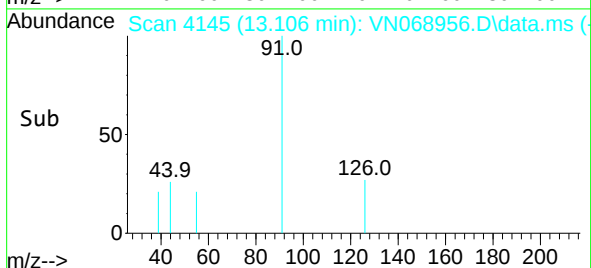
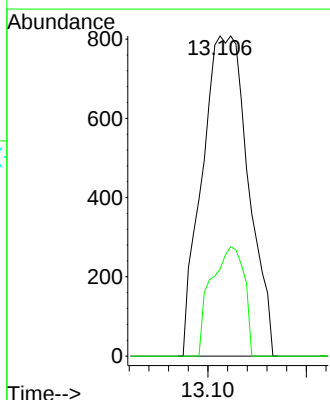
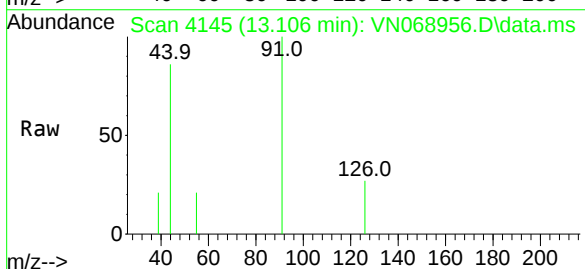
Instrument :
MSVOA_N
ClientSampled :

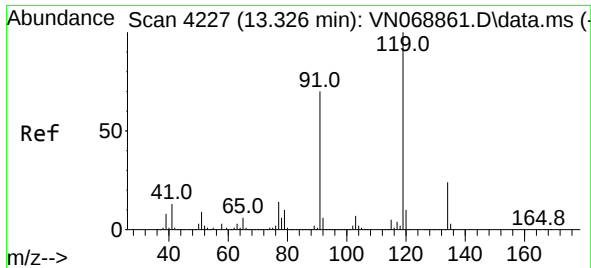
Tgt Ion: 75 Resp: 1144
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 6.810 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 91 Resp: 1318
Ion Ratio Lower Upper
91 100
126 24.3 16.3 48.8

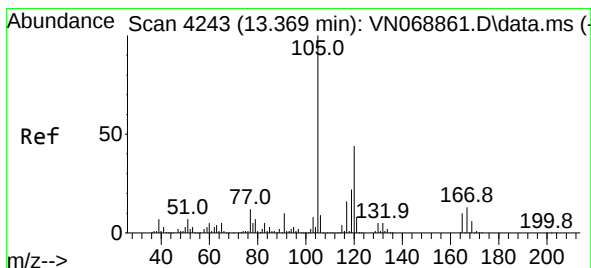
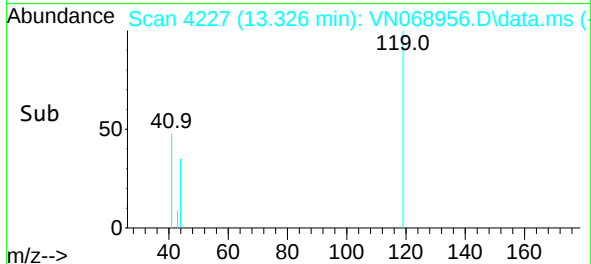
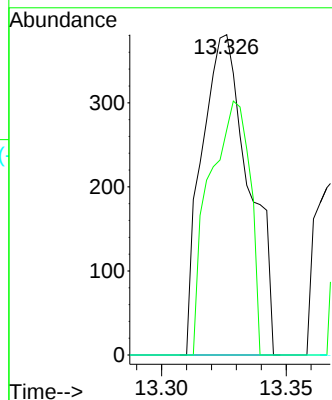
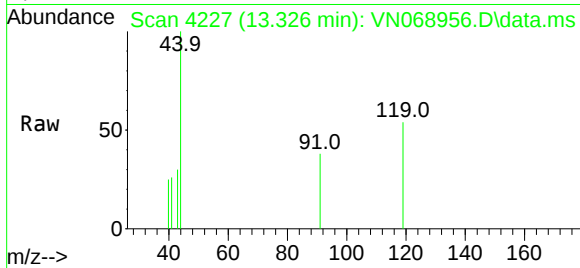




#83
tert-Butylbenzene
Concen: 2.390 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

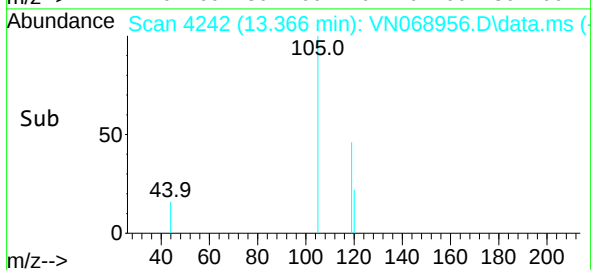
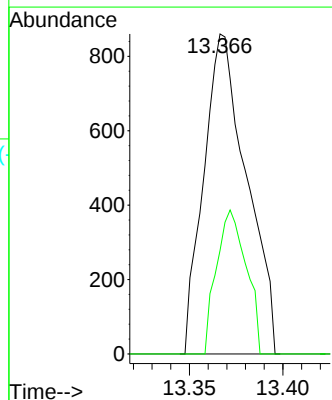
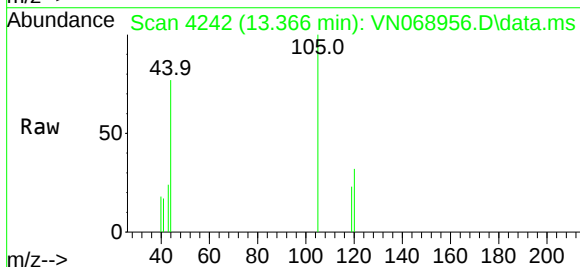
Instrument :
MSVOA_N
ClientSampled :

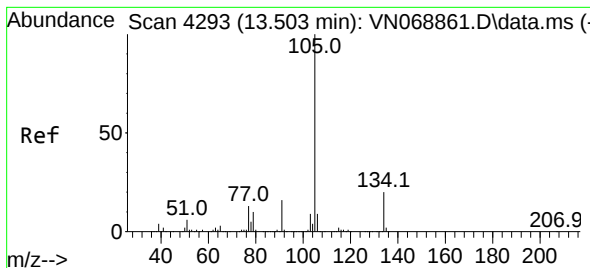
Tgt Ion:119 Resp: 501
Ion Ratio Lower Upper
119 100
91 68.3 34.6 103.9
134 0.0 12.6 37.6#



#84
1,2,4-Trimethylbenzene
Concen: 5.899 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion:105 Resp: 1369
Ion Ratio Lower Upper
105 100
120 31.2 21.9 65.5

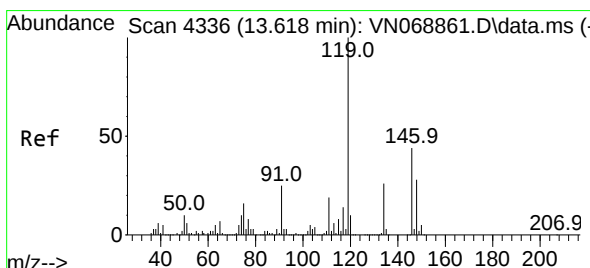
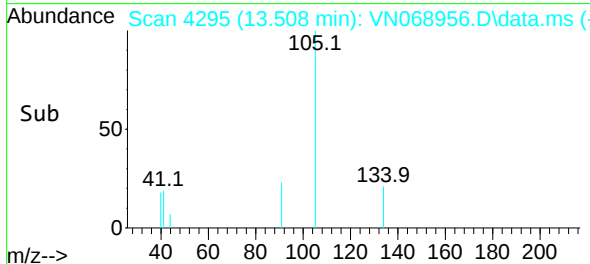
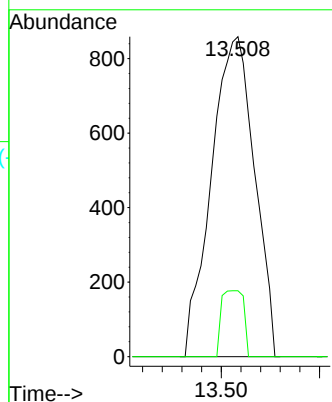
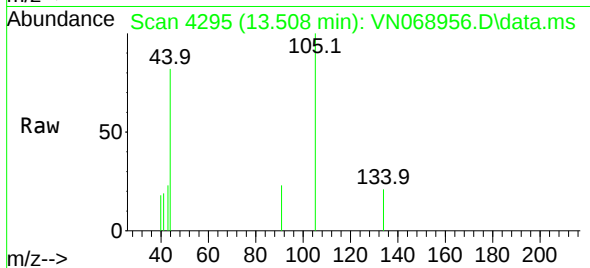




#85
 sec-Butylbenzene
 Concen: 4.512 ug/l
 RT: 13.508 min Scan# 4295
 Delta R.T. 0.005 min
 Lab File: VN068956.D
 Acq: 15 Oct 2021 18:02

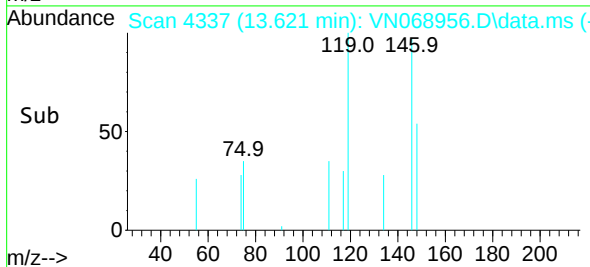
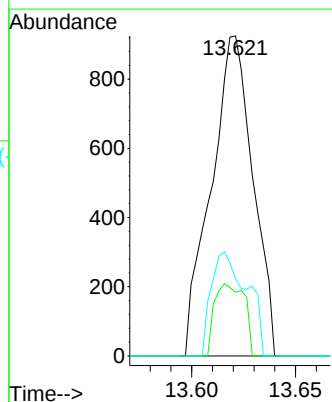
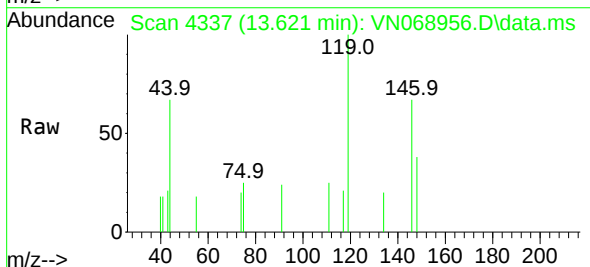
Instrument :
 MSVOA_N
 ClientSampled :

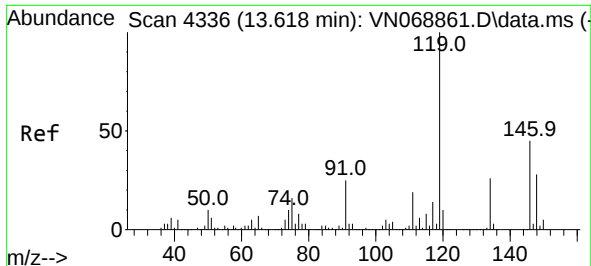
Tgt Ion:105 Resp: 1310
 Ion Ratio Lower Upper
 105 100
 134 10.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 5.556 ug/l
 RT: 13.621 min Scan# 4337
 Delta R.T. 0.003 min
 Lab File: VN068956.D
 Acq: 15 Oct 2021 18:02

Tgt Ion:119 Resp: 1294
 Ion Ratio Lower Upper
 119 100
 134 16.0 12.9 38.6
 91 27.7 12.8 38.4

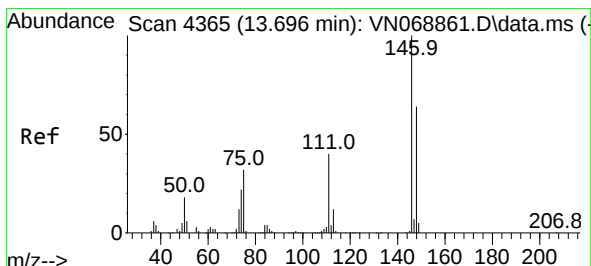
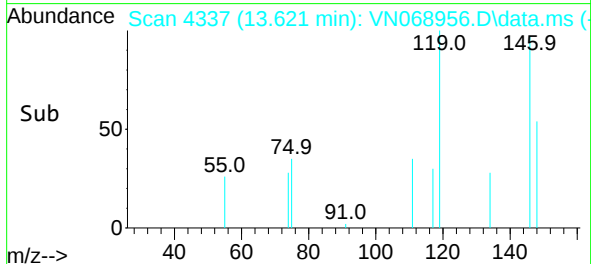
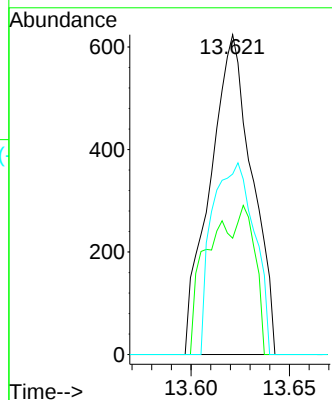
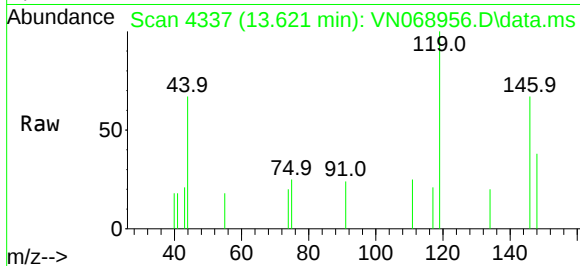




#87
1,3-Dichlorobenzene
Concen: 8.382 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

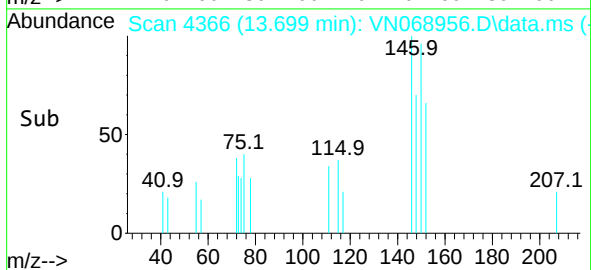
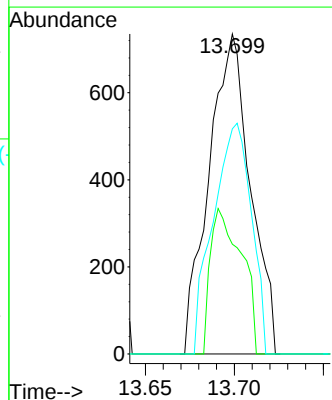
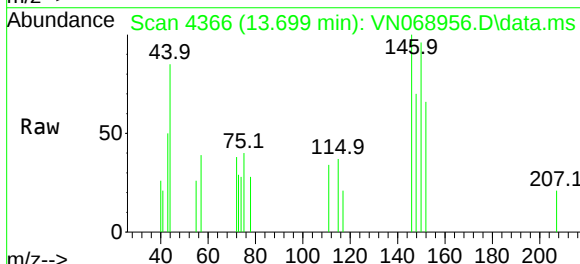
Instrument :
MSVOA_N
ClientSampled :

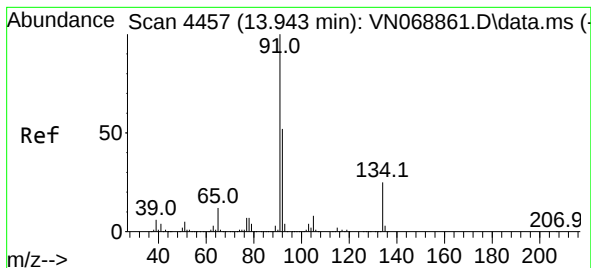
Tgt Ion:146 Resp: 927
Ion Ratio Lower Upper
146 100
111 30.1 21.4 64.2
148 60.1 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 10.841 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

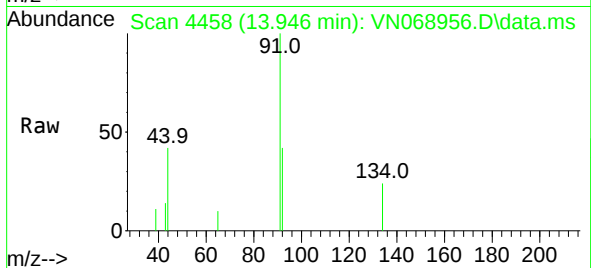
Tgt Ion:146 Resp: 1190
Ion Ratio Lower Upper
146 100
111 34.0 20.6 61.8
148 66.2 32.1 96.5



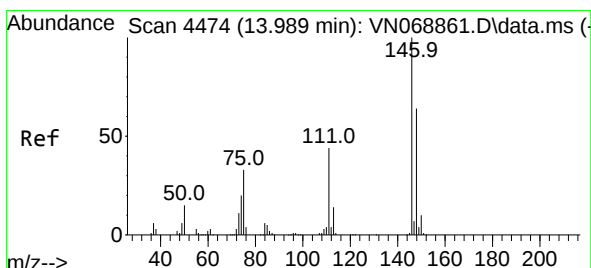
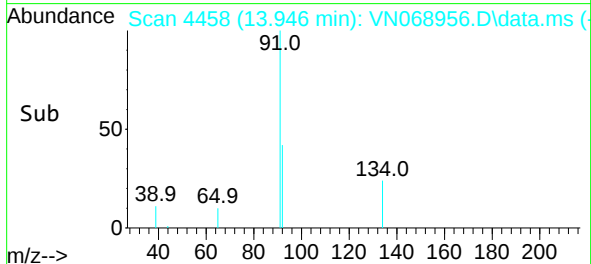
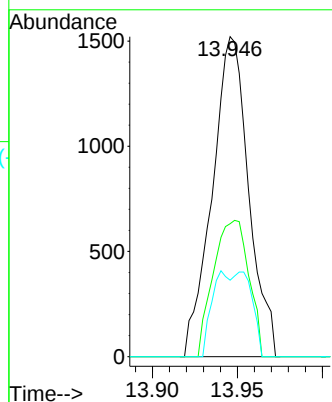


#89
n-Butylbenzene
Concen: 11.718 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Instrument :
MSVOA_N
ClientSampled :

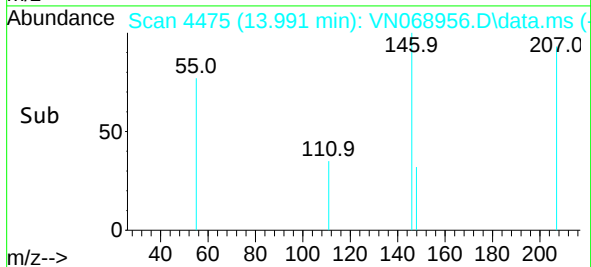
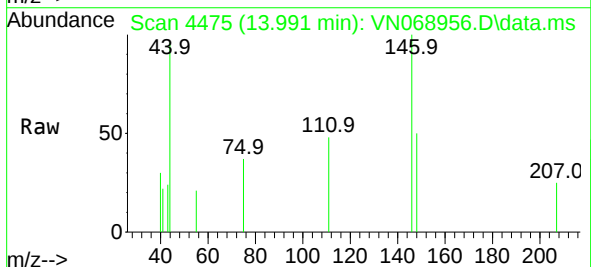
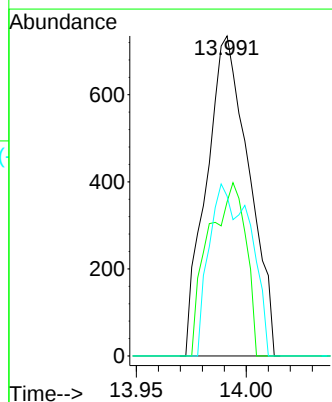


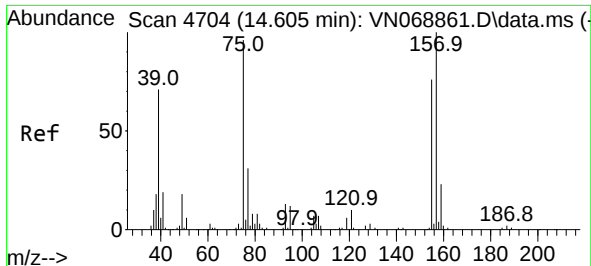
Tgt Ion: 91 Resp: 2272
Ion Ratio Lower Upper
91 100
92 41.2 26.0 78.0
134 13.8 12.5 37.5



#91
1,2-Dichlorobenzene
Concen: 9.177 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Tgt Ion: 146 Resp: 986
Ion Ratio Lower Upper
146 100
111 47.7 22.0 66.0
148 52.0 32.1 96.5

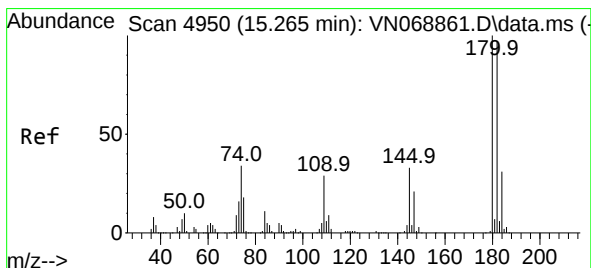
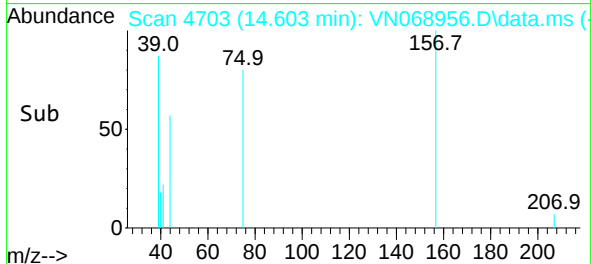
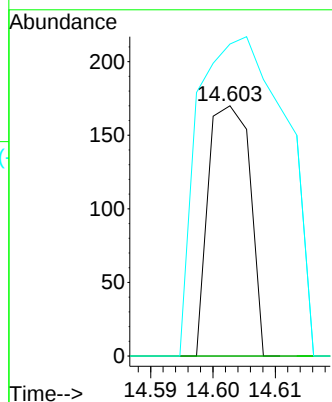
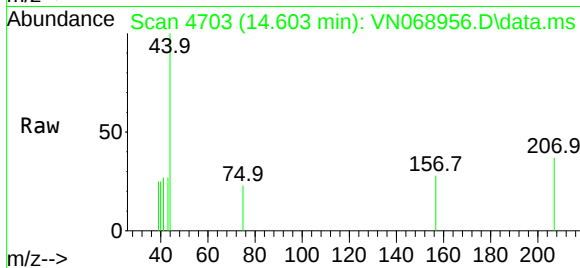




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.841 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

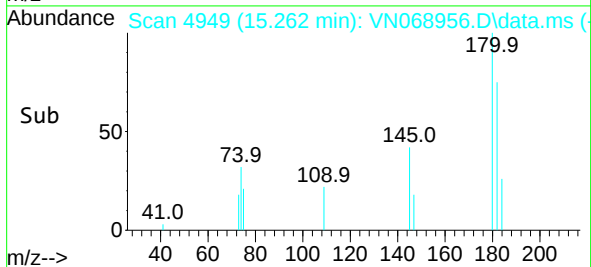
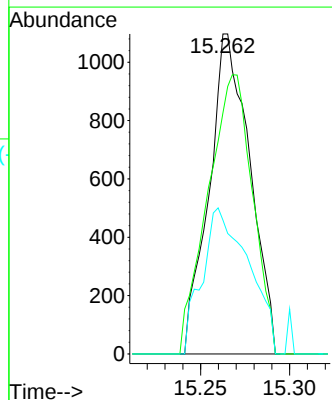
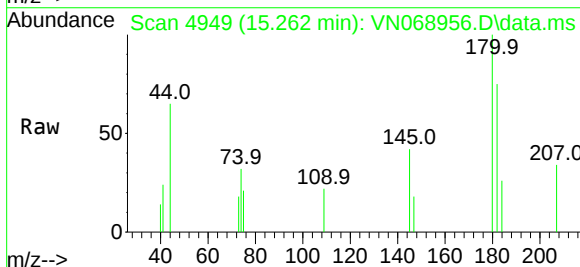
Instrument :
MSVOA_N
ClientSampled :

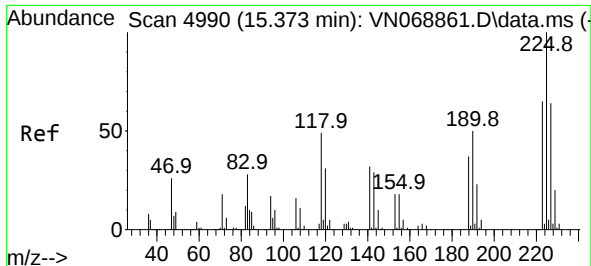
Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
155 0.0 38.8 116.4#
157 270.5 50.2 150.6#



#93
1,2,4-Trichlorobenzene
Concen: 31.050 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

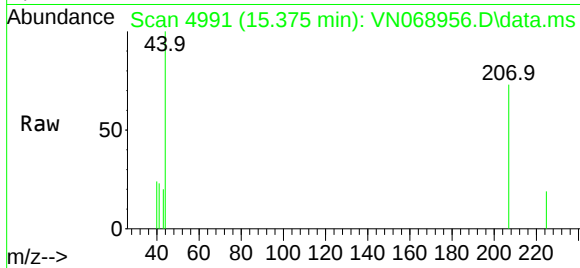
Tgt Ion:180 Resp: 1751
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.7
145 52.0 16.4 49.2#



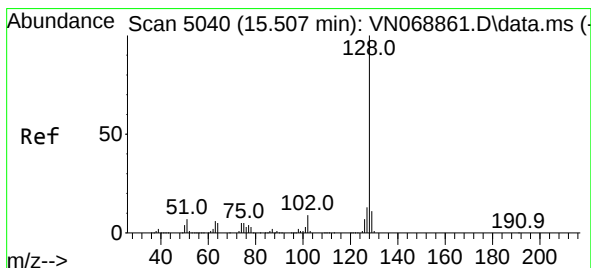
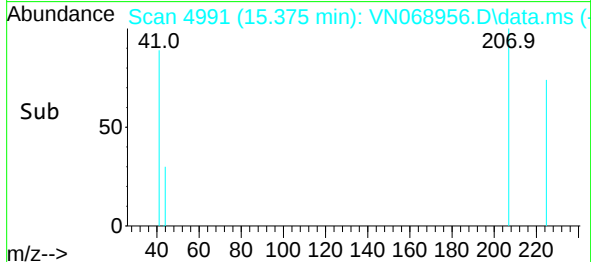
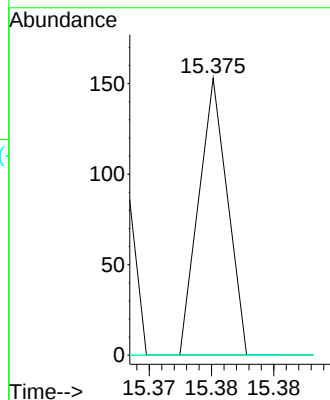


#94
Hexachlorobutadiene
Concen: 0.817 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

Instrument :
MSVOA_N
ClientSampled :

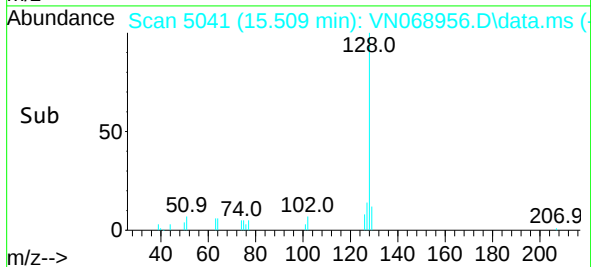
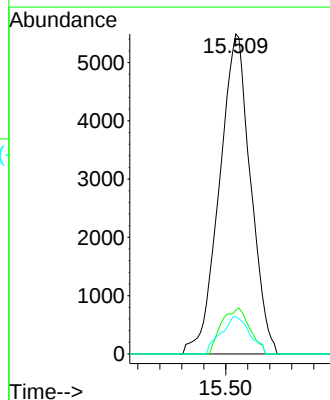
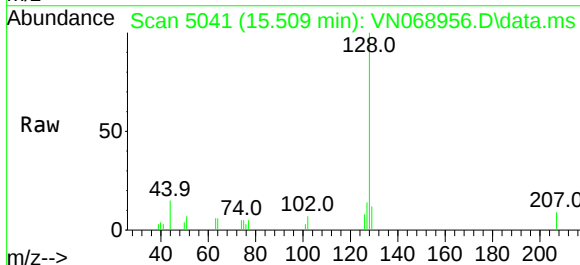


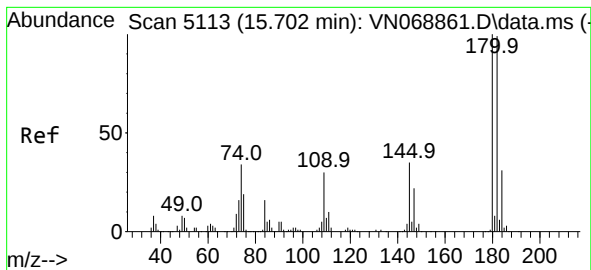
Tgt Ion:225	Resp:	25
Ion Ratio	Lower	Upper
225	100	
223	0.0	31.5 94.5#
227	0.0	31.6 94.7#



#95
Naphthalene
Concen: 65.659 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068956.D
Acq: 15 Oct 2021 18:02

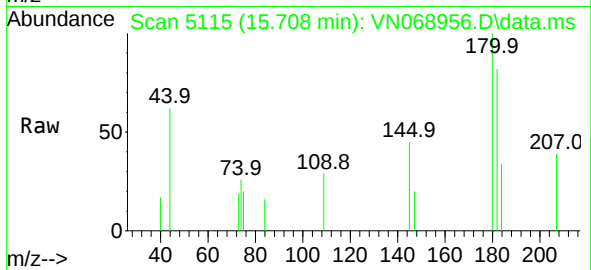
Tgt Ion:128	Resp:	10794
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.5 15.7
129	10.8	8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 45.247 ug/l
 RT: 15.708 min Scan# 5115
 Delta R.T. 0.006 min
 Lab File: VN068956.D
 Acq: 15 Oct 2021 18:02

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2498
Ion	Ratio	Lower	Upper
180	100		
182	98.9	48.1	144.3
145	25.9	17.4	52.2

