

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069096.D
 Acq On : 21 Oct 2021 18:34
 Operator : JC/MD
 Sample : M4301-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:34:37 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	8.088	168	325612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	568160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	551695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	214471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215661	50.235	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.460%	
35) Dibromofluoromethane	8.027	113	167881	50.787	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.580%	
50) Toluene-d8	10.443	98	719269	54.382	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.733	95	264695	53.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.080%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.075	85	886	1.456	ug/l	94
6) Chloroethane	3.022	64	1489	0.625	ug/l #	76
8) Diethyl Ether	3.835	74	22483	10.648	ug/l	99
11) Tert butyl alcohol	5.366	59	163233	208.083	ug/l	99
13) Acrolein	4.055	56	93	0.268	ug/l #	77
15) Acrylonitrile	5.369	53	1388	0.790	ug/l #	9
16) Acetone	4.293	43	11711	7.310	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	9494	0.810	ug/l	98
25) 2-Butanone	7.316	43	15151	6.254	ug/l #	74
26) 2,2-Dichloropropane	7.311	77	17598	2.898	ug/l #	53
29) Tetrahydrofuran	7.689	42	218045	138.756	ug/l	96
31) Cyclohexane	8.088	56	8455	1.267	ug/l #	13
36) 1,1-Dichloropropene	8.086	75	27739	5.716	ug/l #	49
37) Ethyl Acetate	7.316	43	15151	3.023	ug/l #	1
38) Carbon Tetrachloride	8.086	117	33376	6.262	ug/l #	16
40) Benzene	8.464	78	36034	2.438	ug/l	99
41) Methacrylonitrile	7.686	41	125343	49.610	ug/l #	44
43) Isopropyl Acetate	8.534	43	3242	0.367	ug/l #	57
49) 1,4-Dioxane	9.571	88	13143	192.139	ug/l	93
51) 4-Methyl-2-Pentanone	10.304	43	4215	0.822	ug/l #	36
52) Toluene	10.507	92	3736	0.393	ug/l	98
59) 2-Hexanone	10.947	43	6663	1.812	ug/l	74
65) Chlorobenzene	11.773	112	167071	16.003	ug/l	99
68) m/p-Xylenes	11.956	106	14033	1.909	ug/l	94
69) o-Xylene	12.283	106	12694	1.725	ug/l	99
73) Isopropylbenzene	12.581	105	18463	1.034	ug/l	99
76) 1,2,3-Trichloropropane	12.733	75	139098	30.482	ug/l #	1
79) 2-Chlorotoluene	13.010	91	11296	0.914	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	3037	0.204	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.733	75	139098	72.926	ug/l #	12
82) 4-Chlorotoluene	13.010	91	11296	0.945	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	11512	0.804	ug/l	96
87) 1,3-Dichlorobenzene	13.696	146	55402	8.114	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	55402	8.175	ug/l	96
90) Hexachloroethane	14.222	117	973	0.322	ug/l #	12
91) 1,2-Dichlorobenzene	13.991	146	3890	0.586	ug/l	97

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QLast Update : Wed Oct 13 05:44:40 2021
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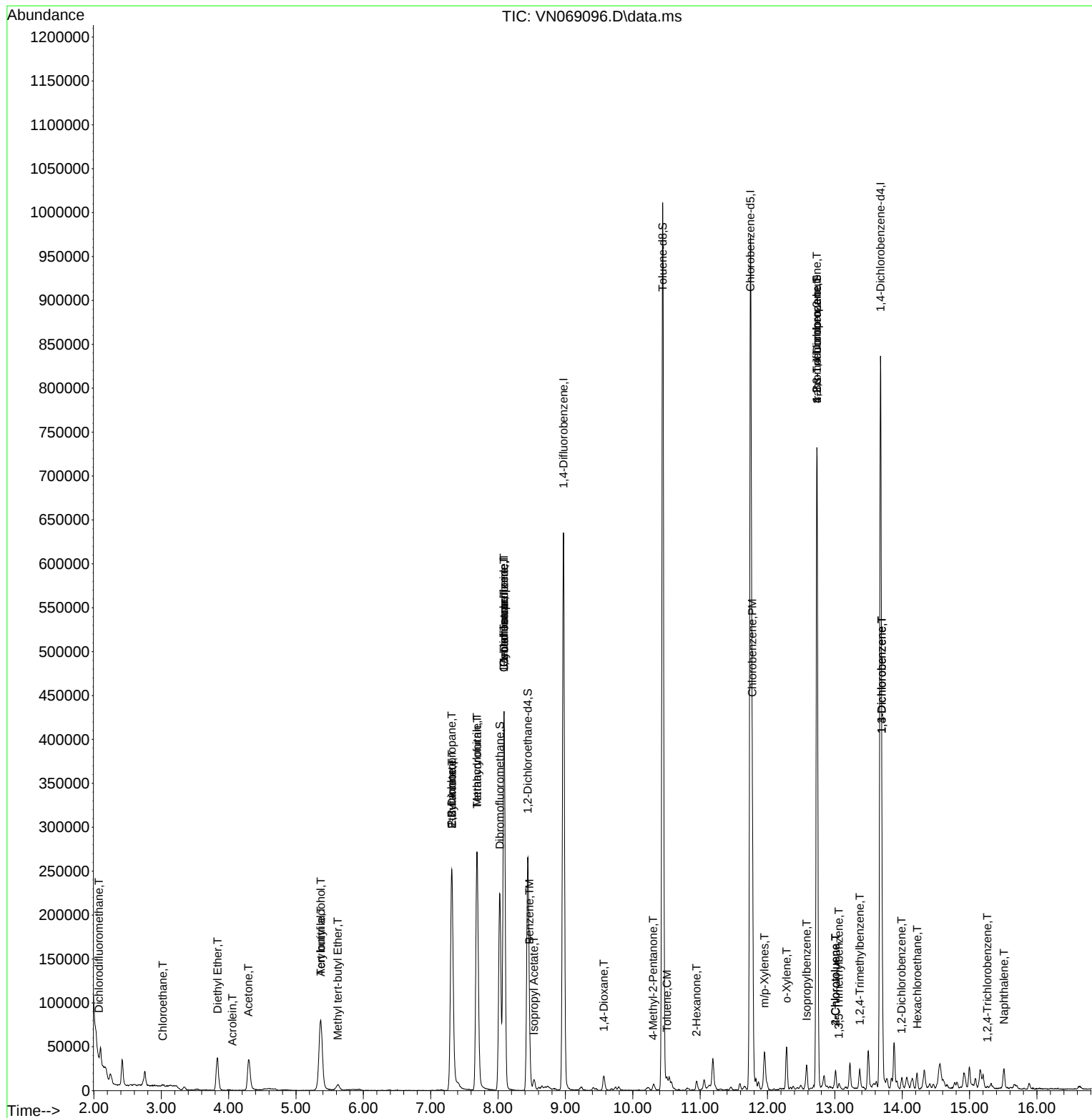
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.265	180	136	2.637	ug/l #	5
95) Naphthalene	15.509	128	21055	5.766	ug/l	99

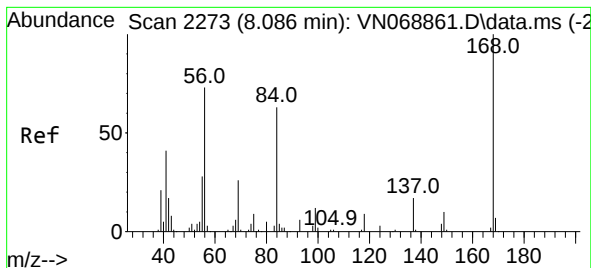
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069096.D

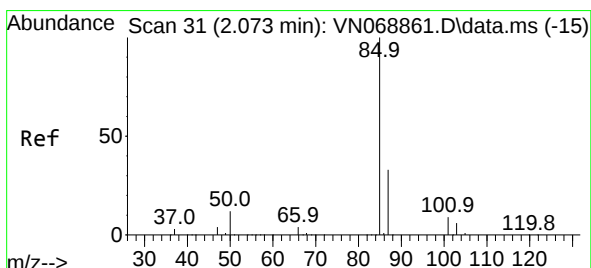
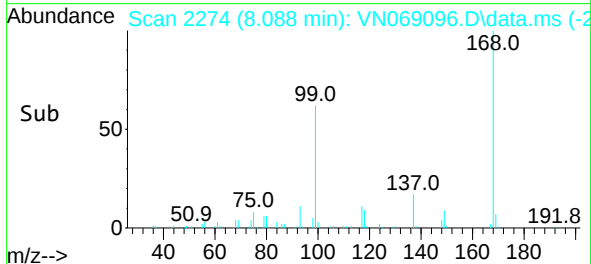
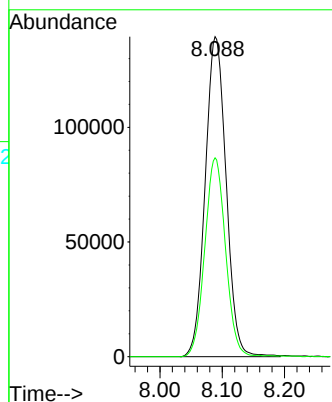
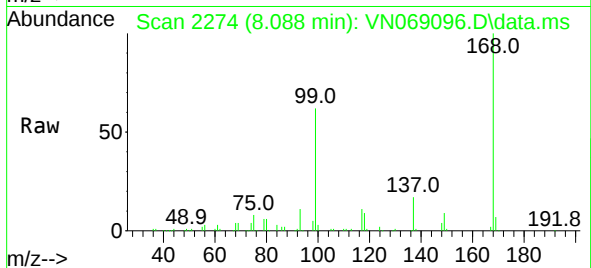
Acq: 21 Oct 2021 18:34

Tgt Ion: 168 Resp: 325612

Ion Ratio Lower Upper

168 100

99 62.2 48.9 73.3



#2

Dichlorodifluoromethane

Concen: 1.456 ug/l

RT: 2.075 min Scan# 32

Delta R.T. 0.002 min

Lab File: VN069096.D

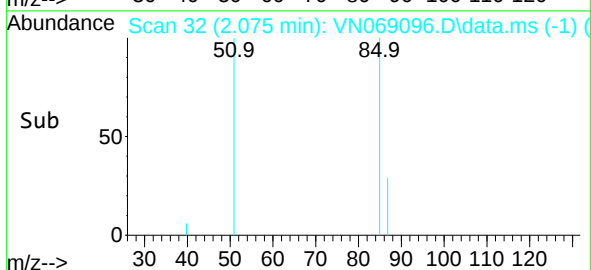
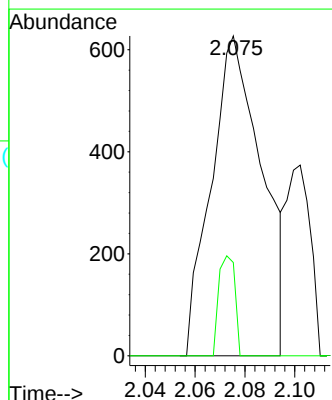
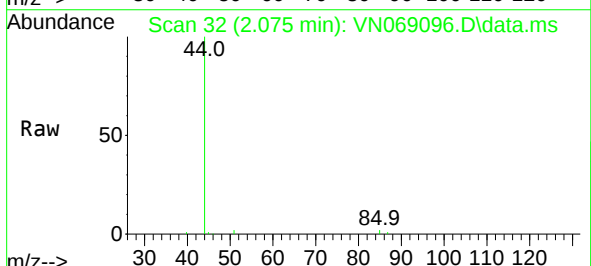
Acq: 21 Oct 2021 18:34

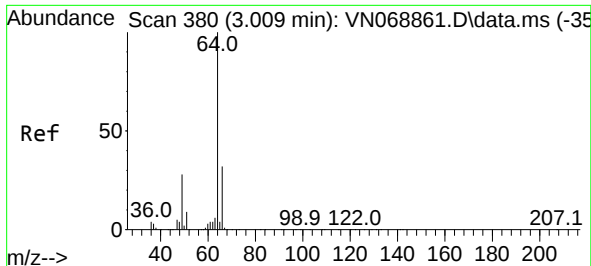
Tgt Ion: 85 Resp: 886

Ion Ratio Lower Upper

85 100

87 29.2 16.3 48.8

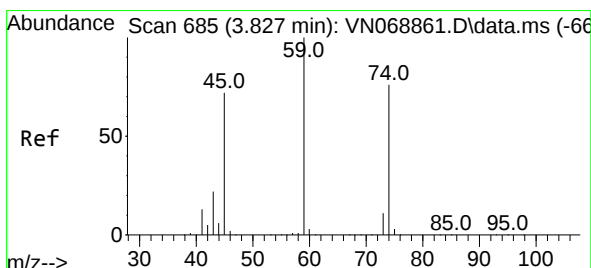
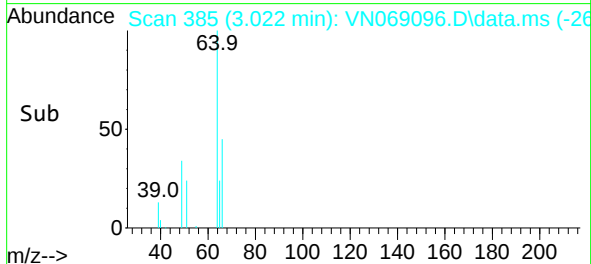
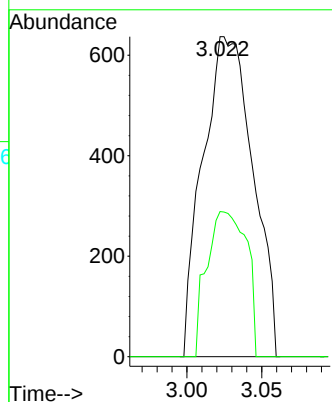
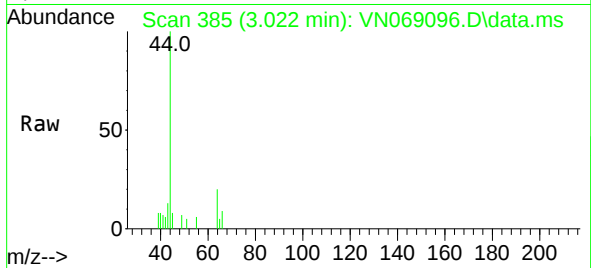




#6
Chloroethane
Concen: 0.625 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.013 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

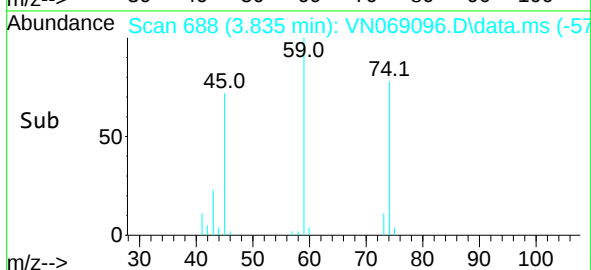
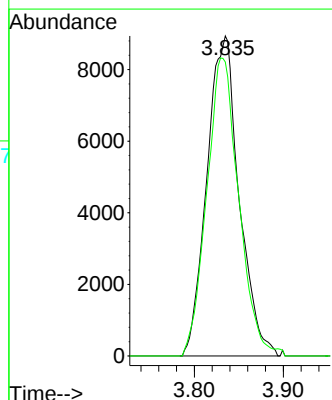
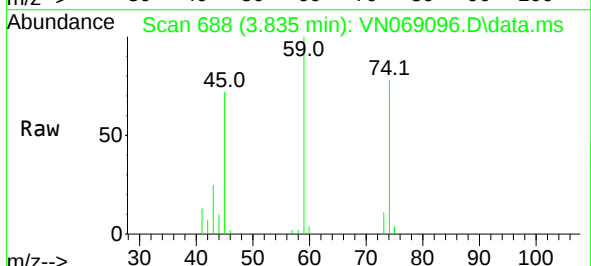
Instrument :
MSVOA_N
ClientSampled :

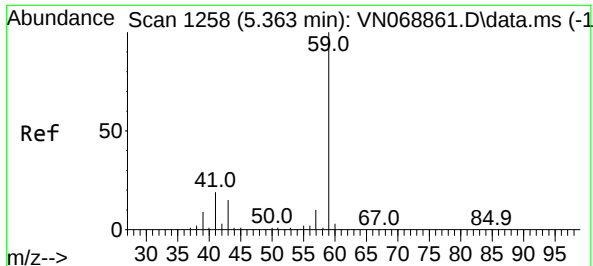
Tgt Ion: 64 Resp: 1489
Ion Ratio Lower Upper
64 100
66 45.4 25.6 38.4#



#8
Diethyl Ether
Concen: 10.648 ug/l
RT: 3.835 min Scan# 688
Delta R.T. 0.008 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 74 Resp: 22483
Ion Ratio Lower Upper
74 100
45 92.7 47.0 141.2



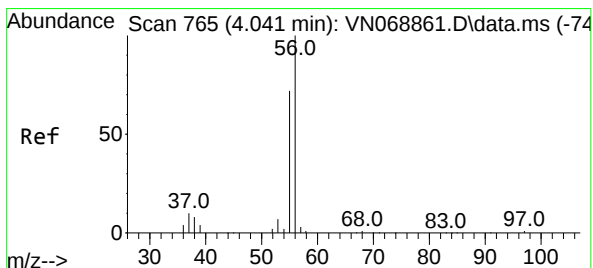
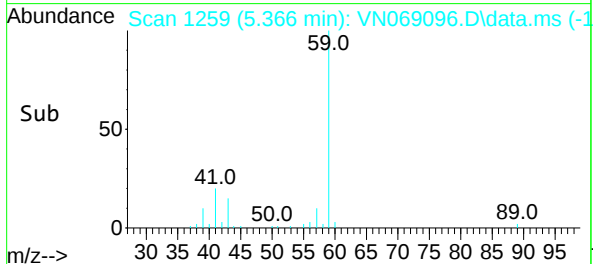
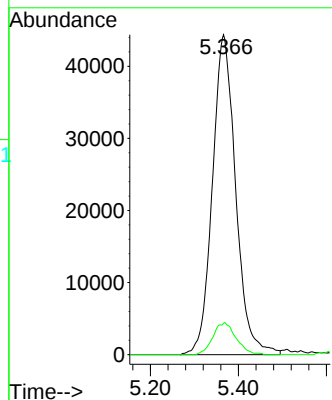
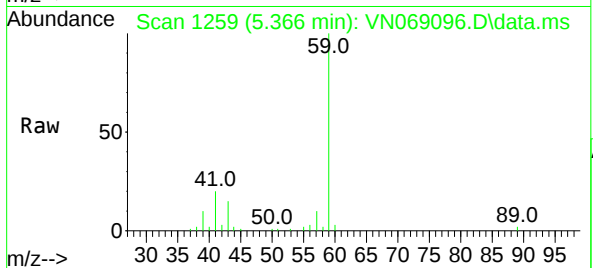


#11

Tert butyl alcohol
Concen: 208.083 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Instrument :
MSVOA_N
ClientSampled :

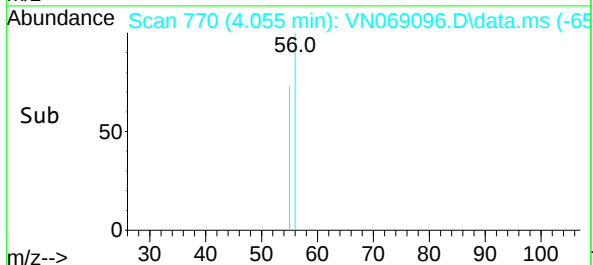
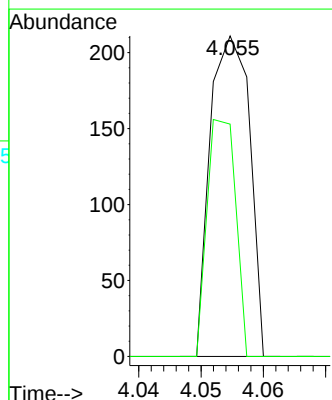
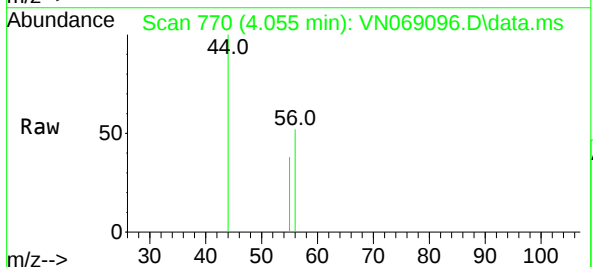
Tgt Ion: 59 Resp: 163233
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

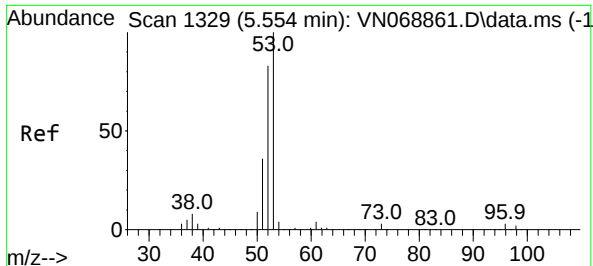


#13

Acrolein
Concen: 0.268 ug/l
RT: 4.055 min Scan# 770
Delta R.T. 0.013 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 53.8 58.1 87.1#





#15

Acrylonitrile

Concen: 0.790 ug/l

RT: 5.369 min Scan# 1260

Delta R.T. -0.185 min

Lab File: VN069096.D

Acq: 21 Oct 2021 18:34

Tgt Ion: 53 Resp: 1388

Ion Ratio Lower Upper

53 100

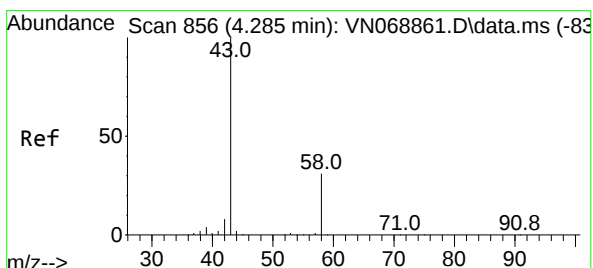
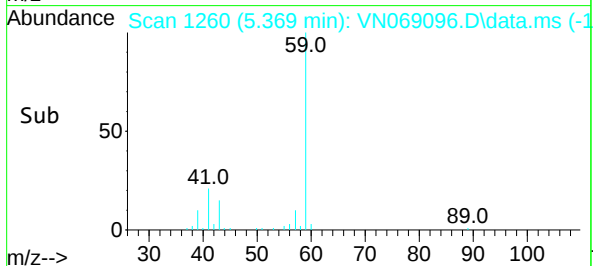
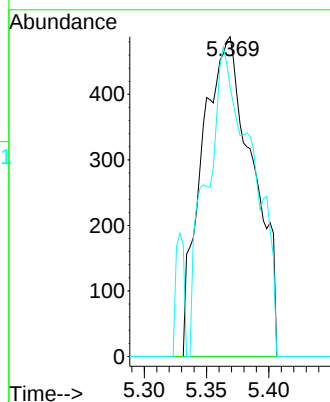
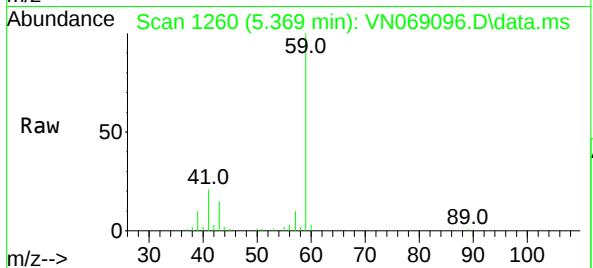
52 0.0 65.7 98.5#

51 88.3 28.9 43.3#

Instrument :

MSVOA_N

ClientSampled :



#16

Acetone

Concen: 7.310 ug/l

RT: 4.293 min Scan# 859

Delta R.T. 0.008 min

Lab File: VN069096.D

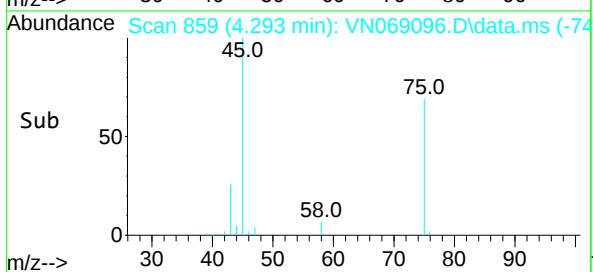
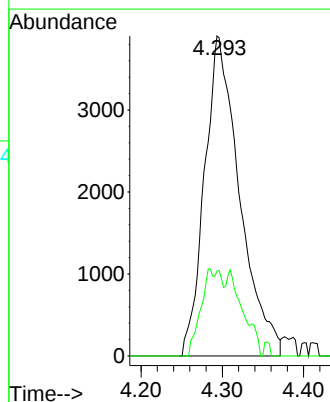
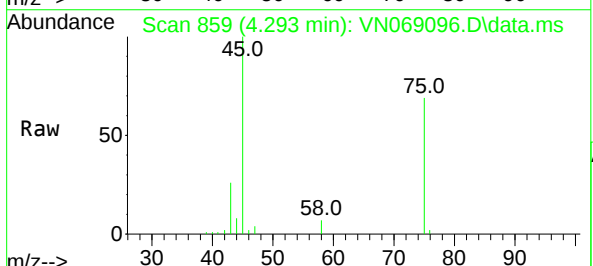
Acq: 21 Oct 2021 18:34

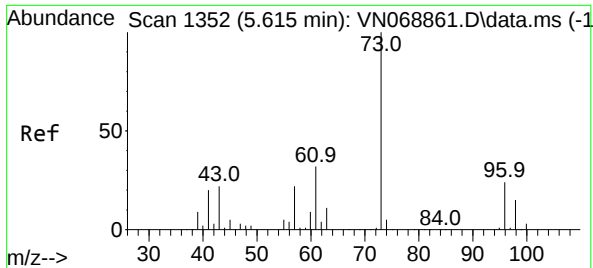
Tgt Ion: 43 Resp: 11711

Ion Ratio Lower Upper

43 100

58 26.5 24.5 36.7



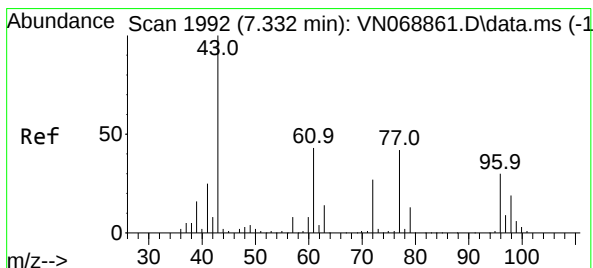
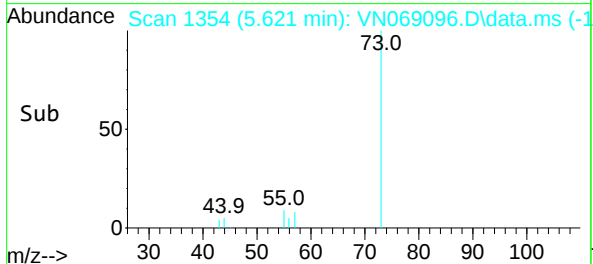
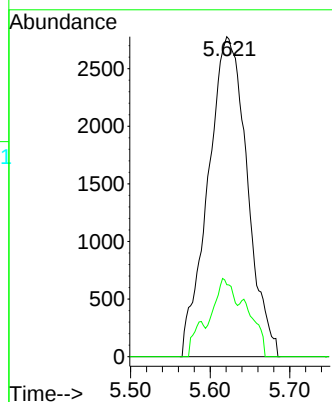
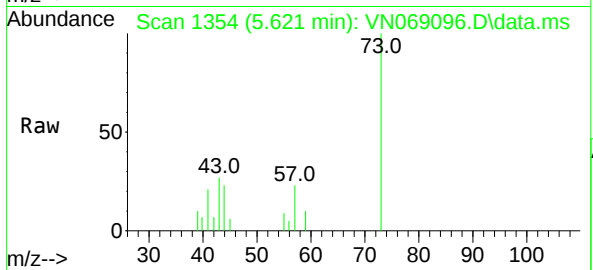


#19

Methyl tert-butyl Ether
Concen: 0.810 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.005 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Instrument :
MSVOA_N
ClientSampled :

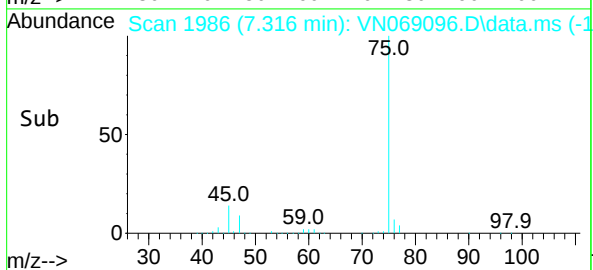
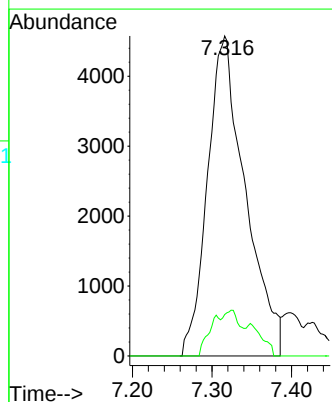
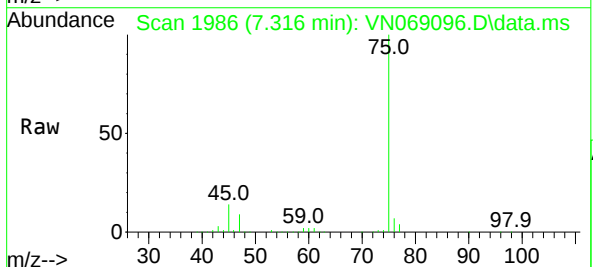
Tgt Ion: 73 Resp: 9494
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

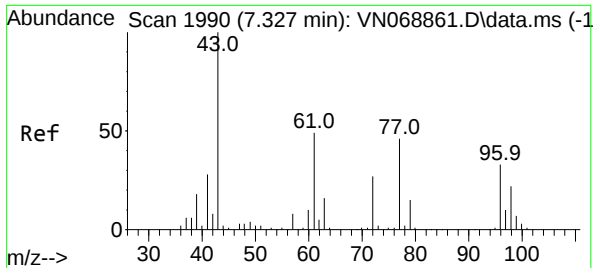


#25

2-Butanone
Concen: 6.254 ug/l
RT: 7.316 min Scan# 1986
Delta R.T. -0.016 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 43 Resp: 15151
Ion Ratio Lower Upper
43 100
72 12.9 21.2 31.8#

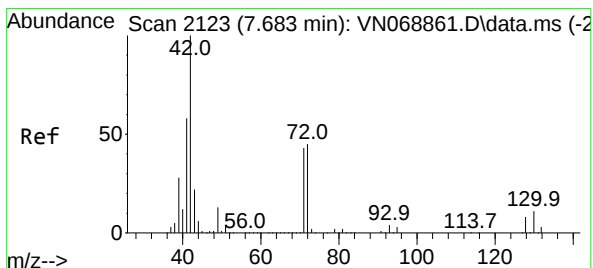
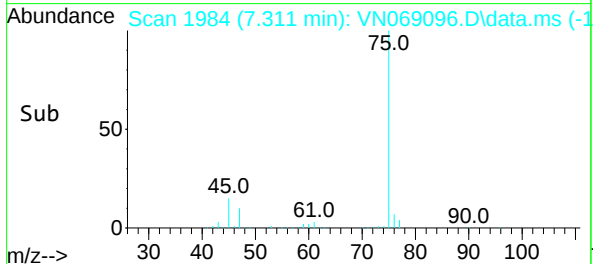
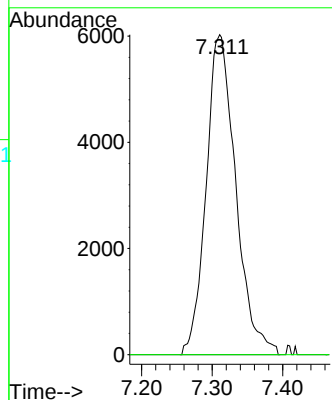
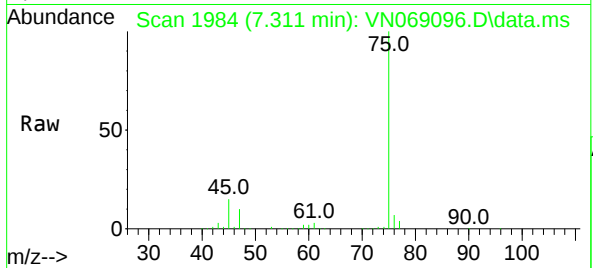




#26
2,2-Dichloropropane
Concen: 2.898 ug/l
RT: 7.311 min Scan# 1984
Delta R.T. -0.016 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

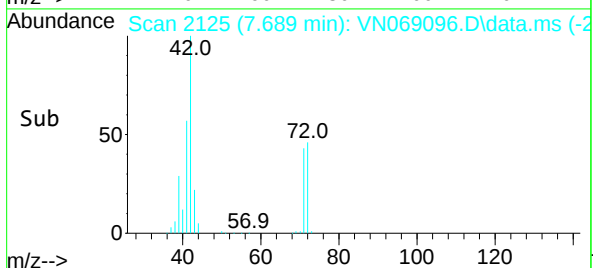
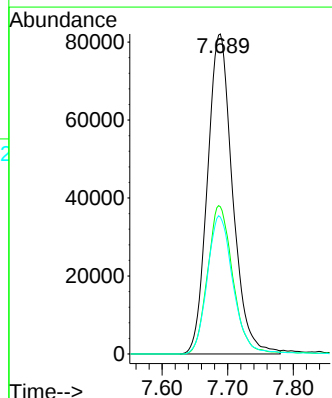
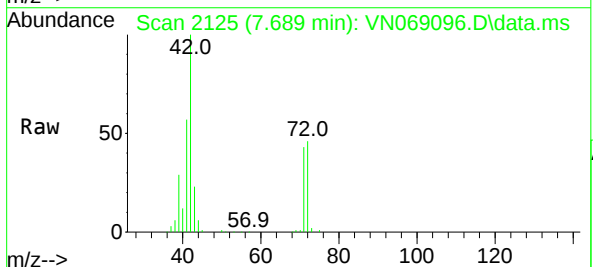
Instrument :
MSVOA_N
ClientSampled :

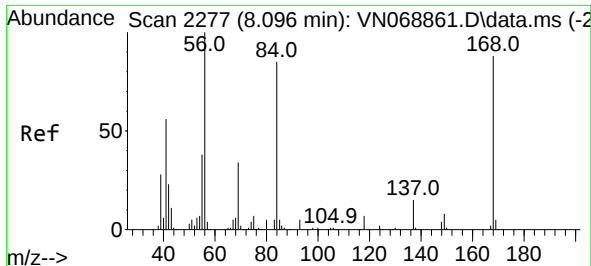
Tgt Ion: 77 Resp: 17598
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#29
Tetrahydrofuran
Concen: 138.756 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. 0.005 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 42 Resp: 218045
Ion Ratio Lower Upper
42 100
72 46.6 35.4 53.2
71 44.4 33.8 50.6

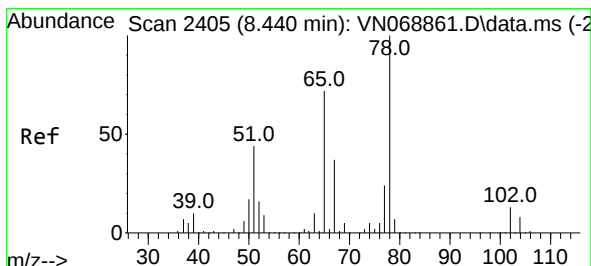
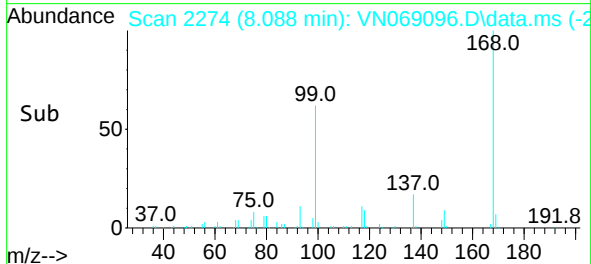
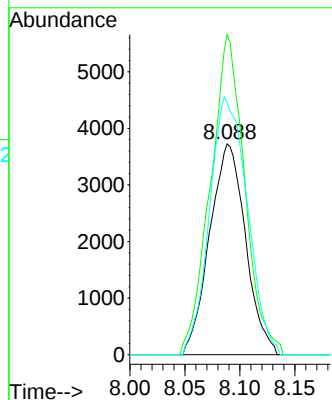
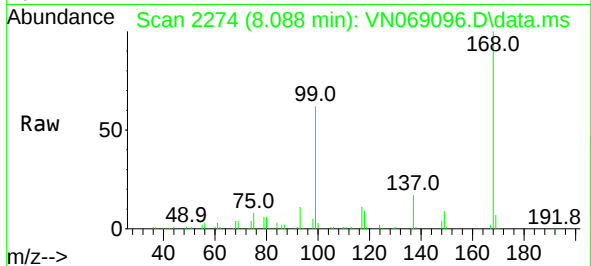




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

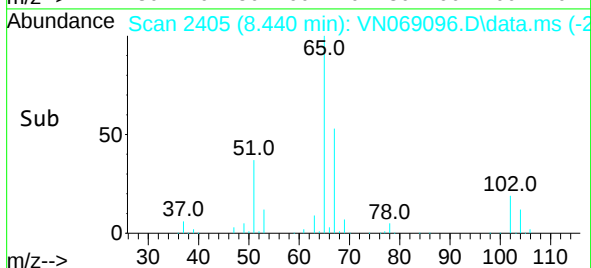
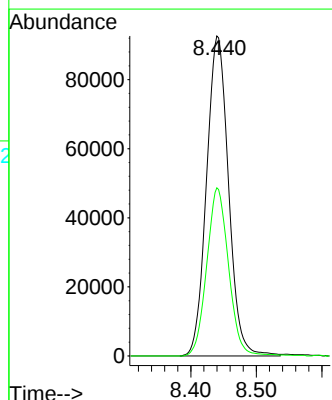
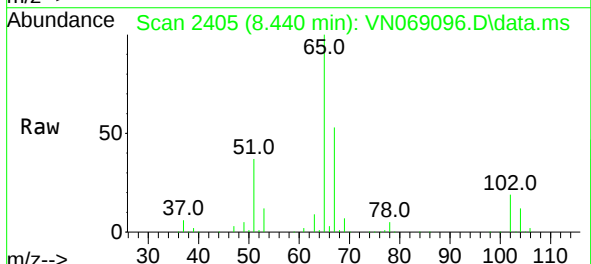
Instrument :
MSVOA_N
ClientSampled :

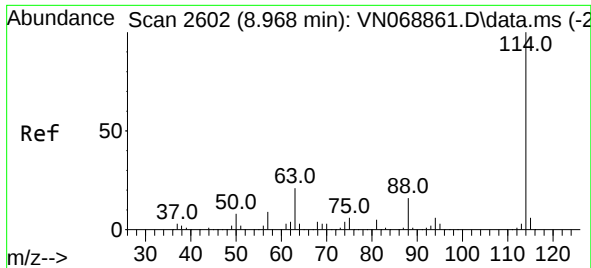
Tgt Ion: 56 Resp: 8455
Ion Ratio Lower Upper
56 100
69 151.8 26.9 40.3#
84 119.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.235 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 65 Resp: 215661
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

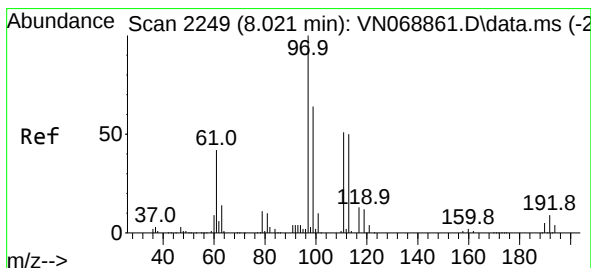
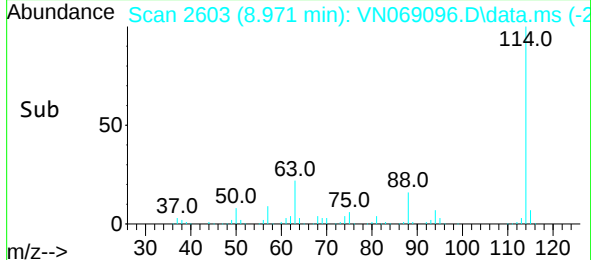
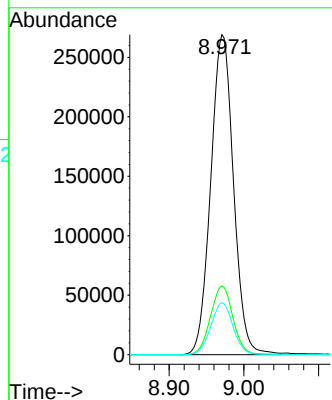
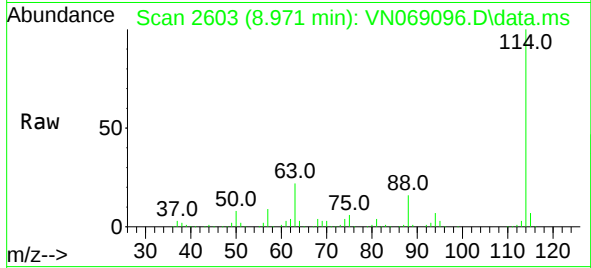




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

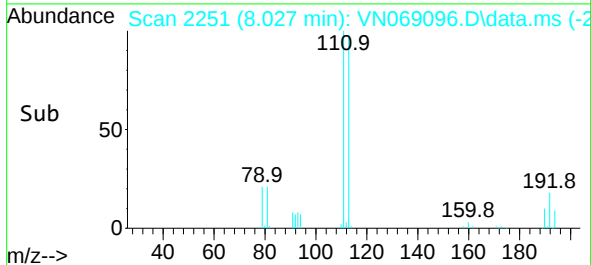
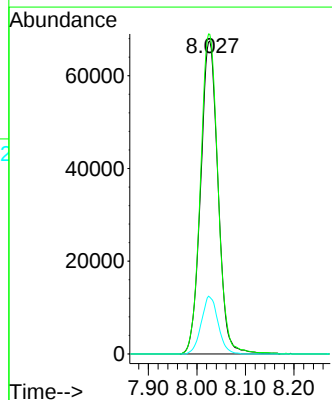
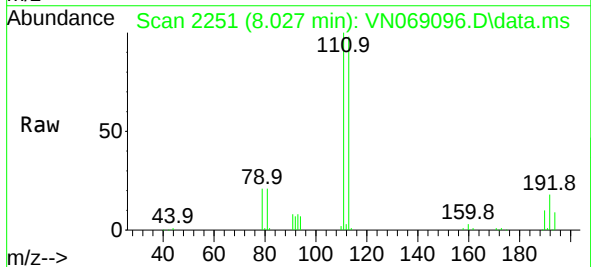
Instrument :
MSVOA_N
ClientSampled :

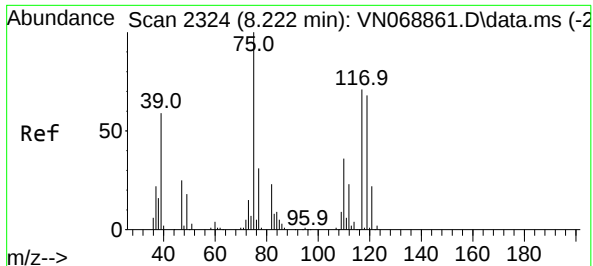
Tgt Ion:114 Resp: 568160
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.6
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.787 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion:113 Resp: 167881
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 17.8 15.0 22.4

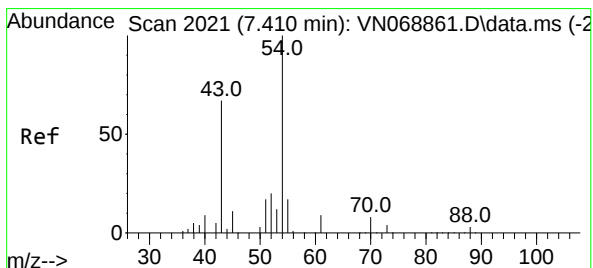
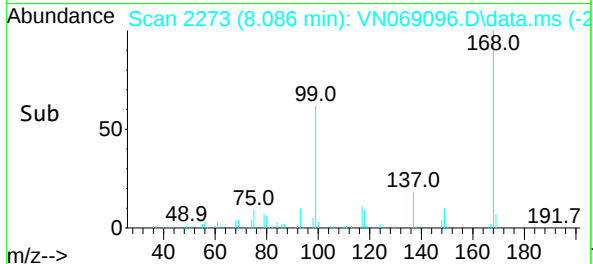
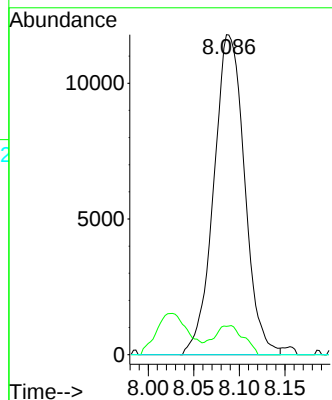
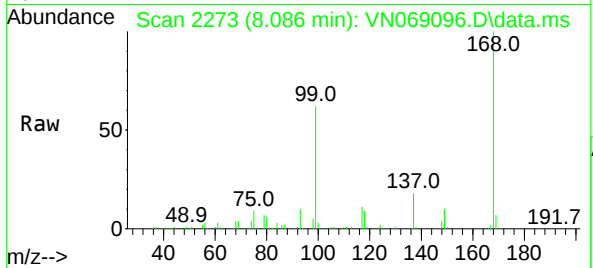




#36
1,1-Dichloropropene
Concen: 5.716 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

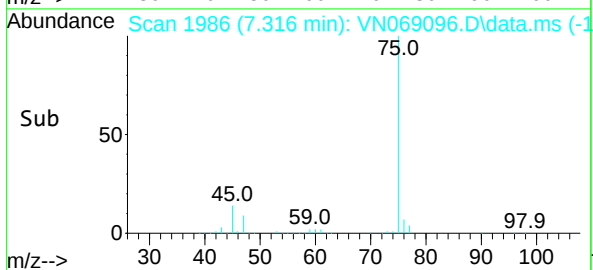
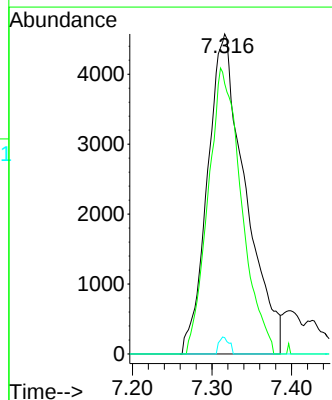
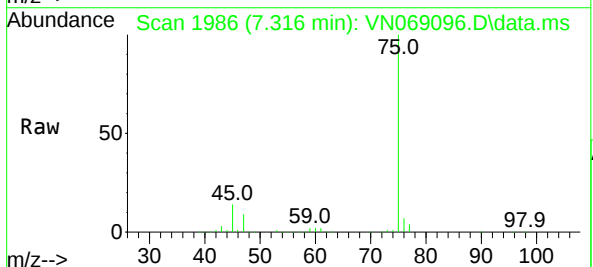
Instrument :
MSVOA_N
ClientSampled :

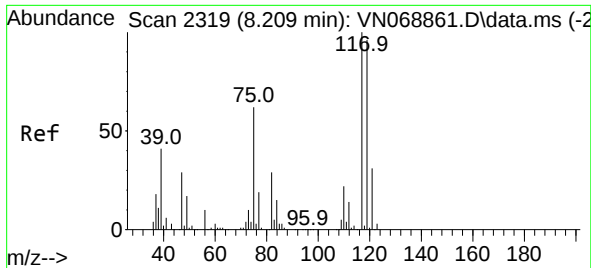
Tgt Ion: 75 Resp: 27739
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 3.023 ug/l
RT: 7.316 min Scan# 1986
Delta R.T. -0.094 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

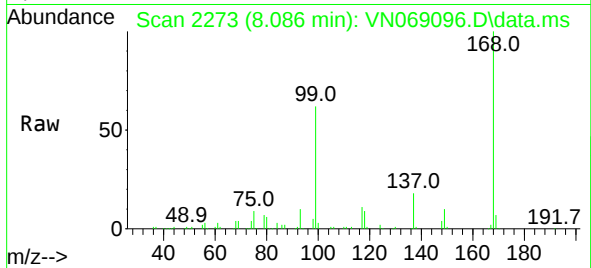
Tgt Ion: 43 Resp: 15151
Ion Ratio Lower Upper
43 100
61 78.5 11.2 16.8#
70 1.4 8.4 12.6#



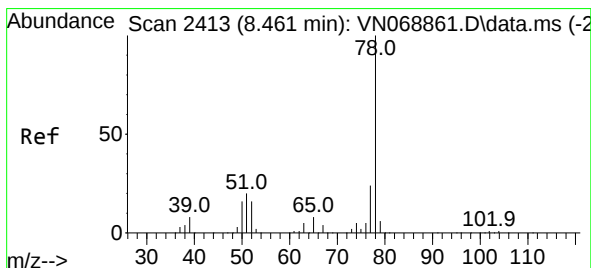
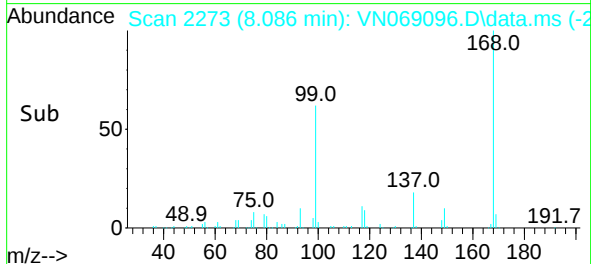
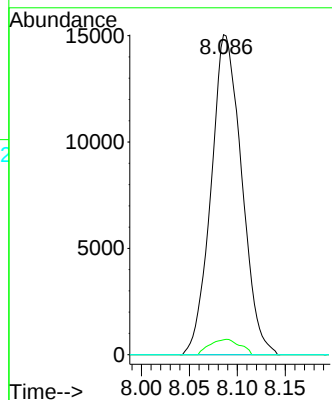


#38
Carbon Tetrachloride
Concen: 6.262 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Instrument :
MSVOA_N
ClientSampled :

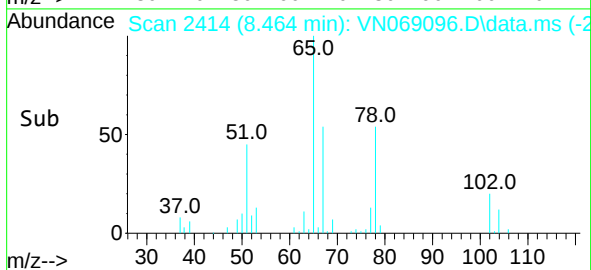
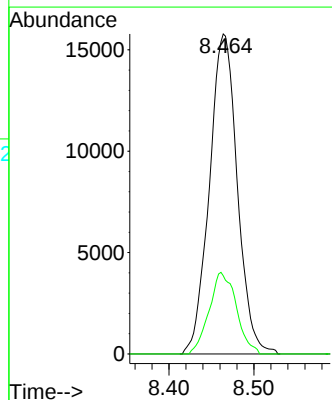
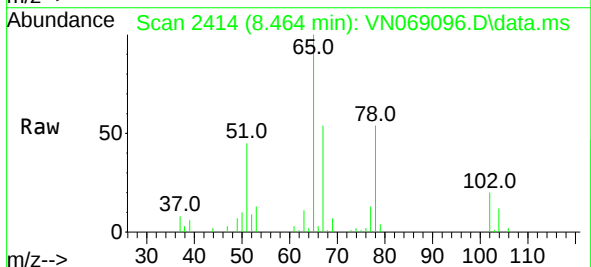


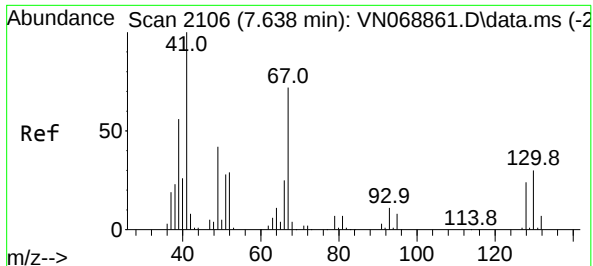
Tgt Ion:117 Resp: 33376
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 2.438 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 78 Resp: 36034
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

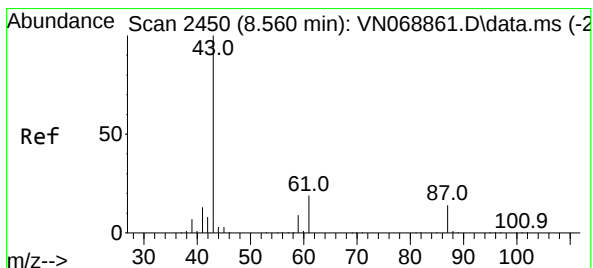
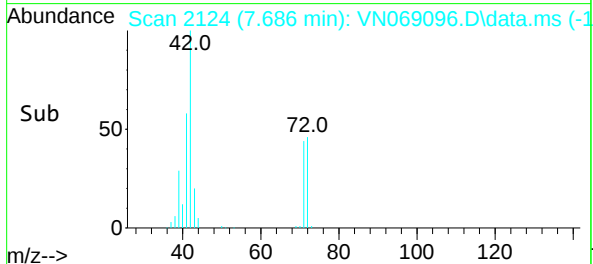
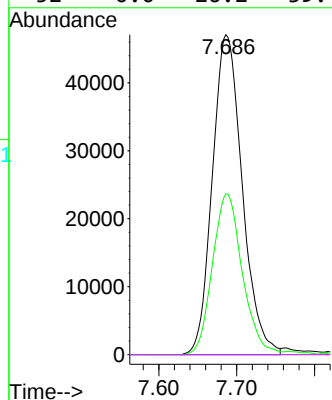
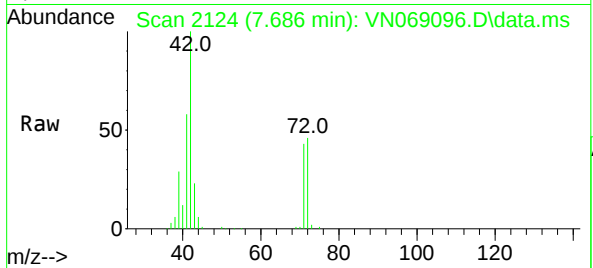




#41
Methacrylonitrile
Concen: 49.610 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.048 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

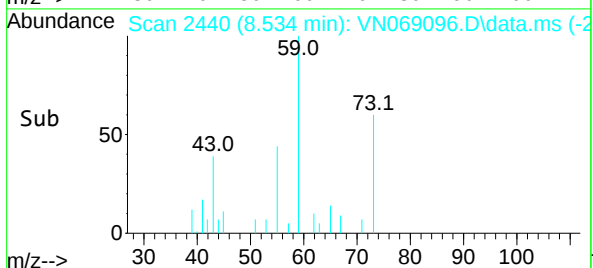
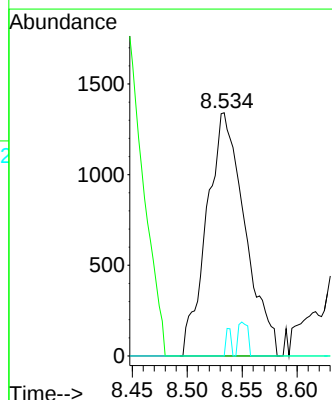
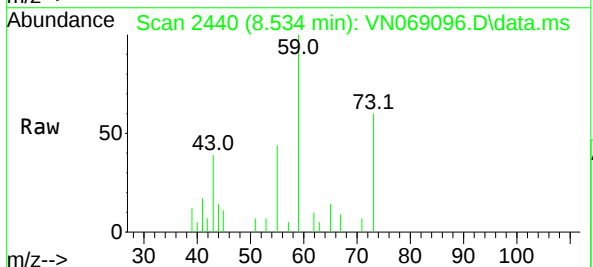
Instrument :
MSVOA_N
ClientSampled :

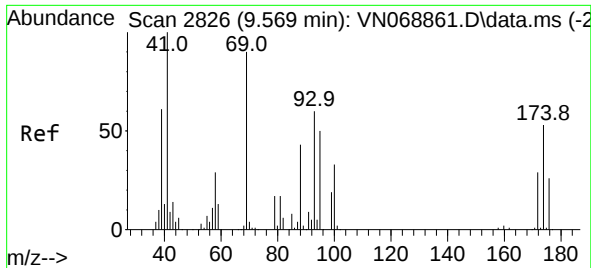
Tgt Ion: 41 Resp: 125343
Ion Ratio Lower Upper
41 100
39 50.2 44.9 67.3
67 0.0 62.6 93.8#
52 0.0 26.2 39.4#



#43
Isopropyl Acetate
Concen: 0.367 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. -0.027 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 43 Resp: 3242
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 1.5 10.7 16.1#

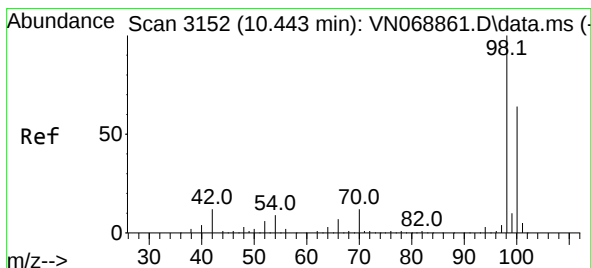
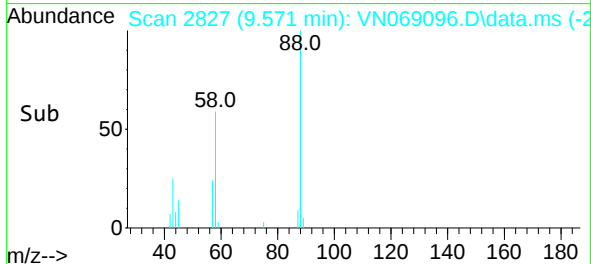
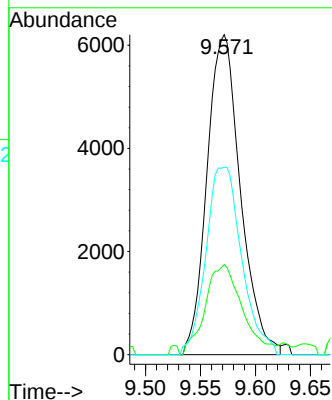
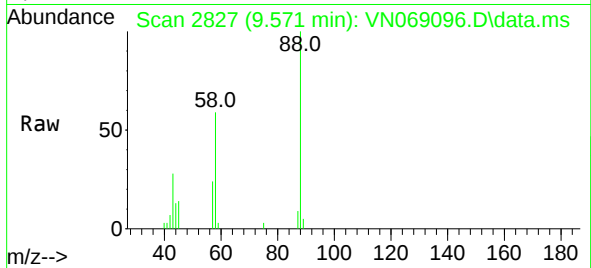




#49
1,4-Dioxane
Concen: 192.139 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

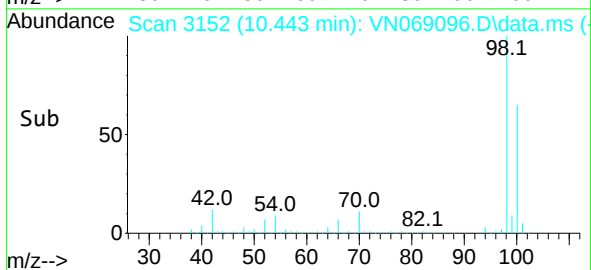
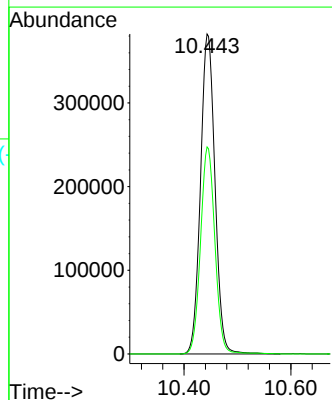
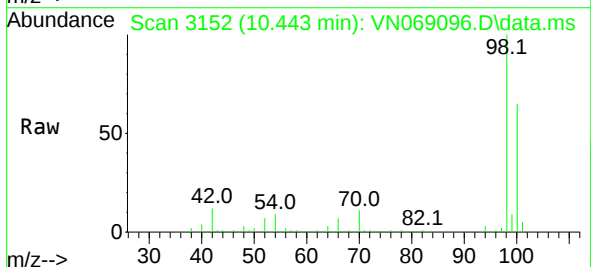
Instrument :
MSVOA_N
ClientSampled :

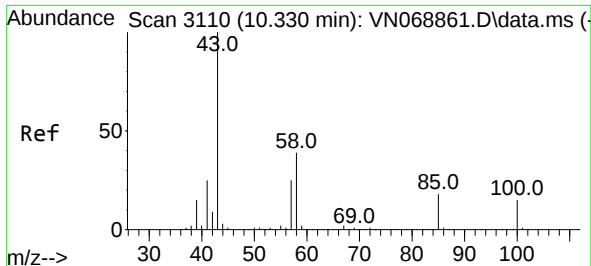
Tgt Ion: 88 Resp: 13143
Ion Ratio Lower Upper
88 100
43 31.4 24.9 37.3
58 62.6 56.9 85.3



#50
Toluene-d8
Concen: 54.382 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 98 Resp: 719269
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

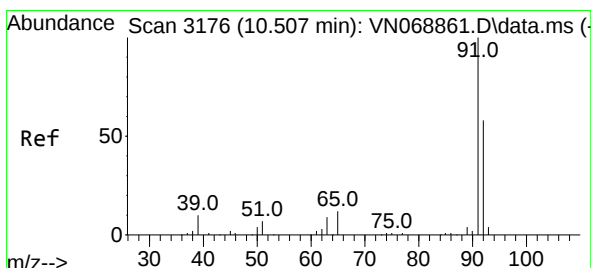
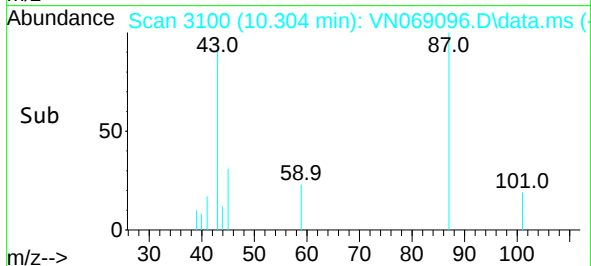
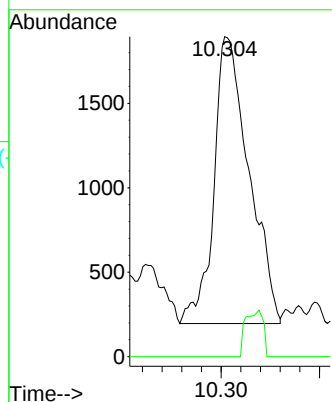
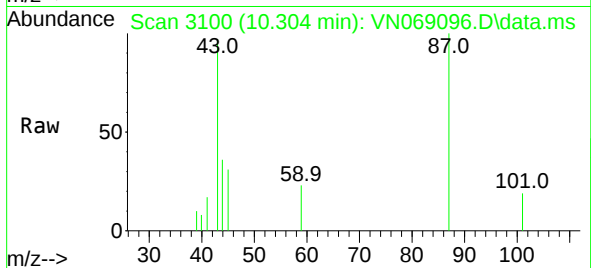




#51
4-Methyl-2-Pentanone
Concen: 0.822 ug/l
RT: 10.304 min Scan# 3100
Delta R.T. -0.027 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

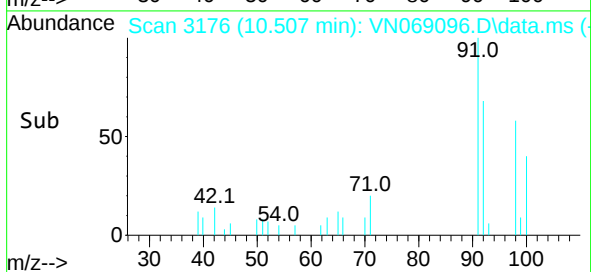
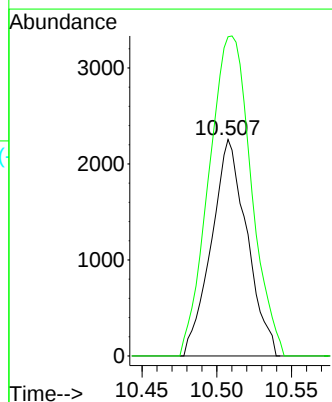
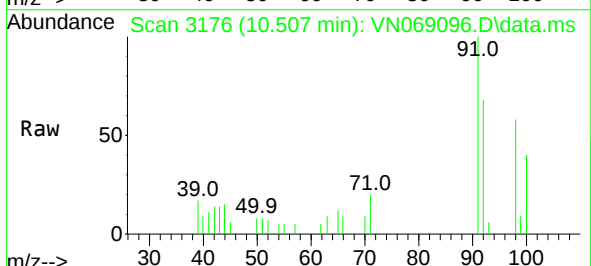
Instrument :
MSVOA_N
ClientSampled :

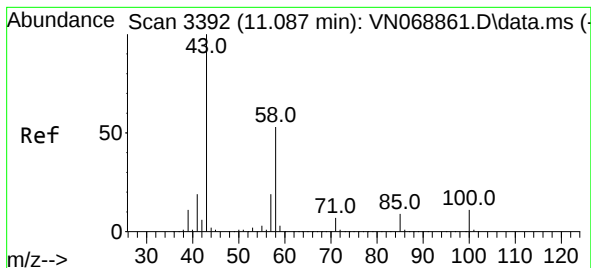
Tgt Ion: 43 Resp: 4215
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#



#52
Toluene
Concen: 0.393 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 92 Resp: 3736
Ion Ratio Lower Upper
92 100
91 175.9 138.5 207.7

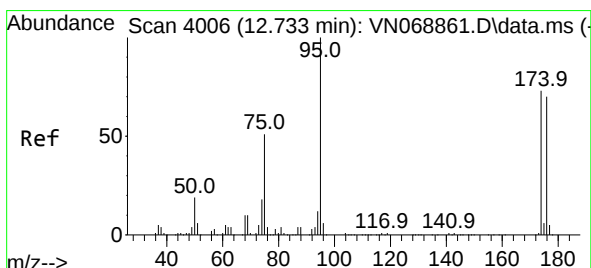
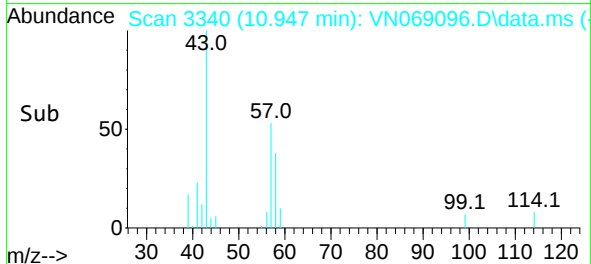
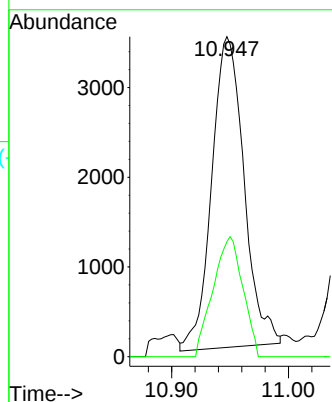
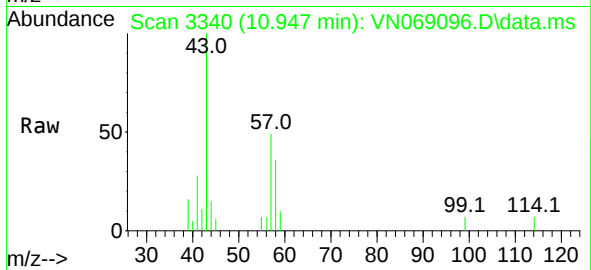




#59
2-Hexanone
Concen: 1.812 ug/l
RT: 10.947 min Scan# 3340
Delta R.T. -0.139 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

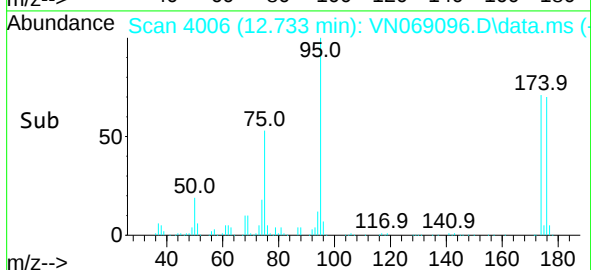
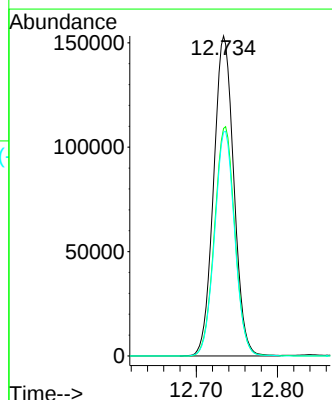
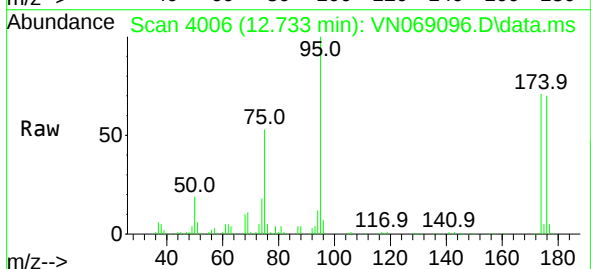
Instrument :
MSVOA_N
ClientSampled :

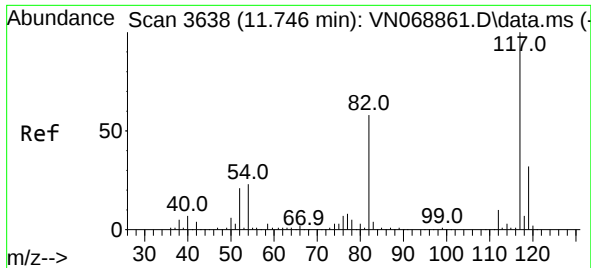
Tgt Ion: 43 Resp: 6663
Ion Ratio Lower Upper
43 100
58 35.3 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 53.044 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 95 Resp: 264695
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.8
176 69.8 0.0 140.0

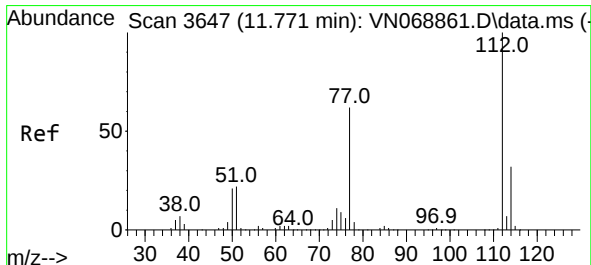
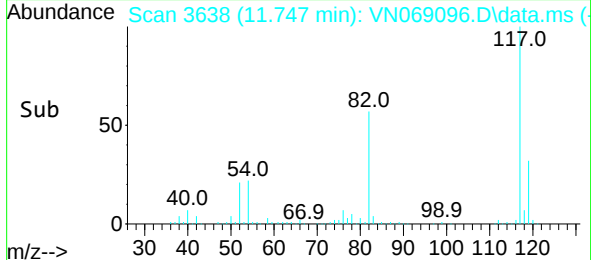
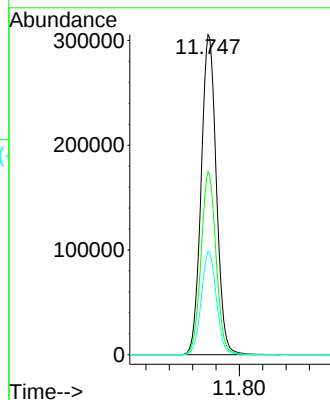
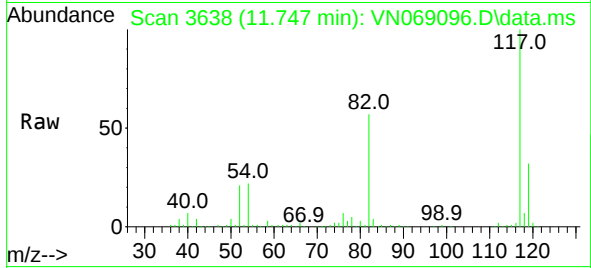




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

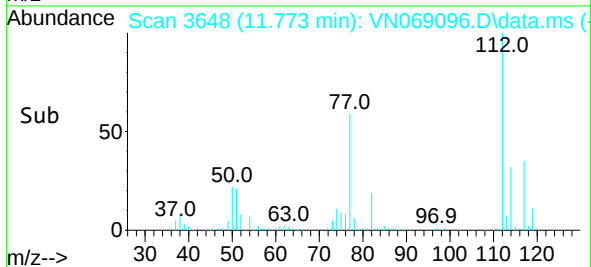
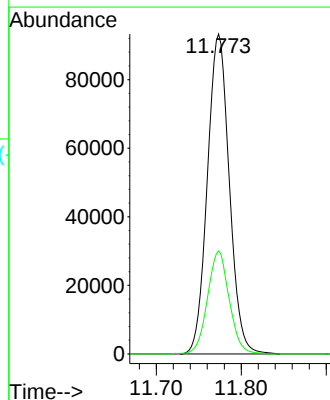
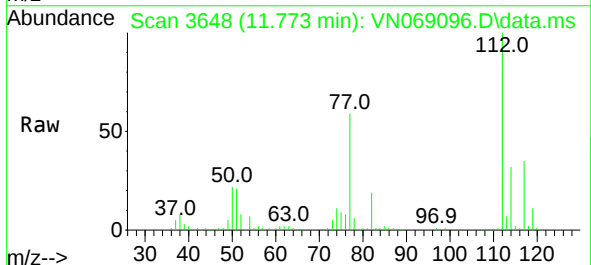
Instrument :
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ClientSampled :

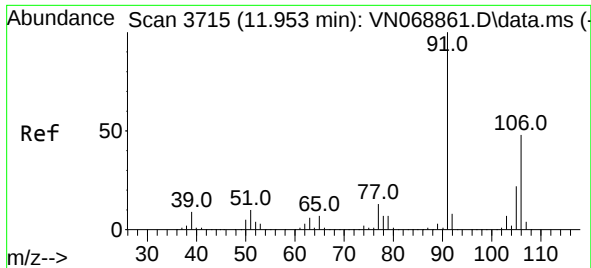
Tgt Ion:117 Resp: 551695
Ion Ratio Lower Upper
117 100
82 57.2 46.4 69.6
119 32.2 26.0 39.0



#65
Chlorobenzene
Concen: 16.003 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion:112 Resp: 167071
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

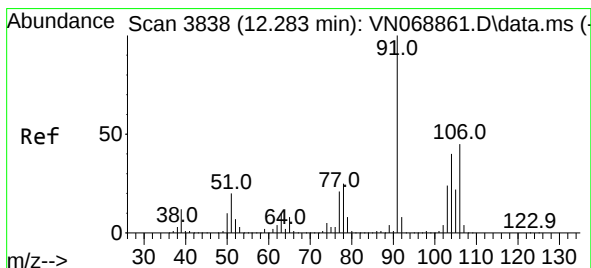
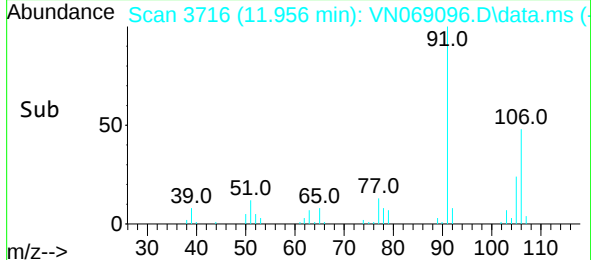
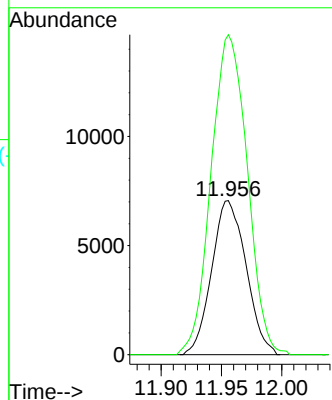
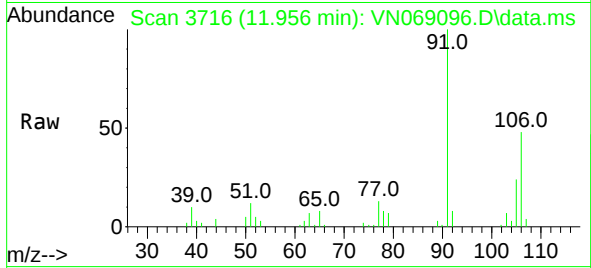




#68
m/p-Xylenes
Concen: 1.909 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

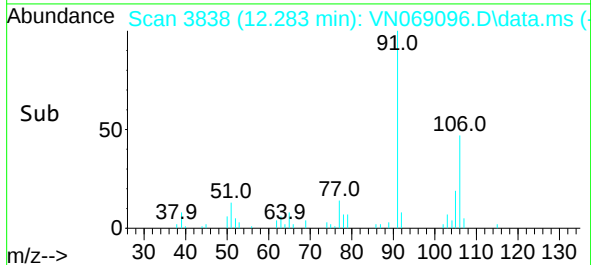
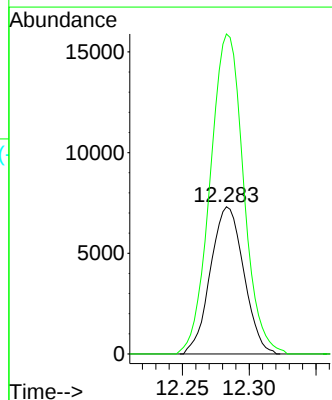
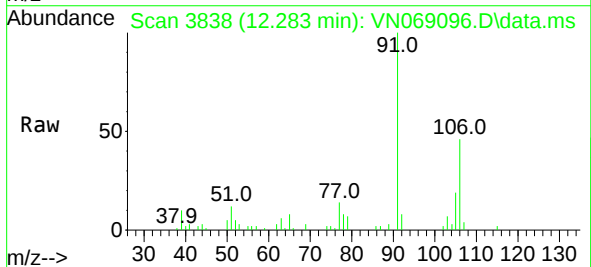
Instrument :
MSVOA_N
ClientSampled :

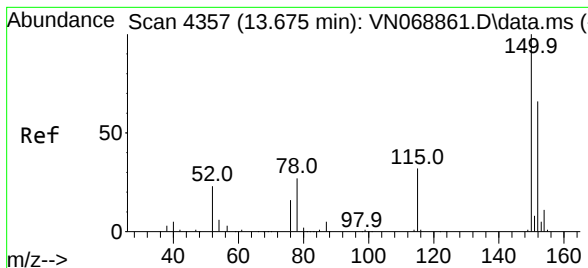
Tgt Ion:106 Resp: 14033
Ion Ratio Lower Upper
106 100
91 218.4 166.8 250.2



#69
o-Xylene
Concen: 1.725 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion:106 Resp: 12694
Ion Ratio Lower Upper
106 100
91 217.8 109.6 328.6

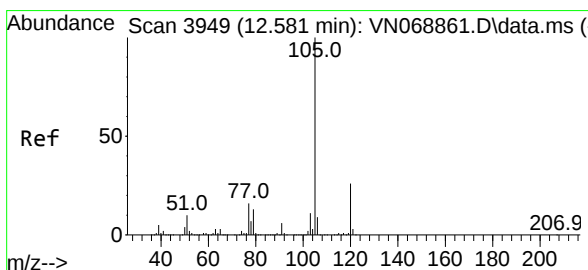
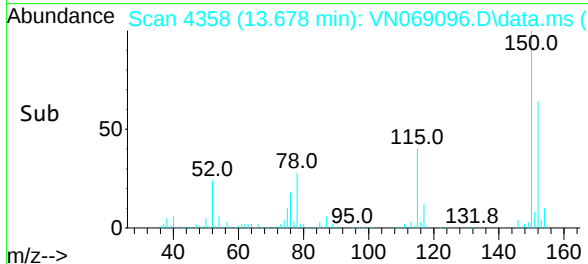
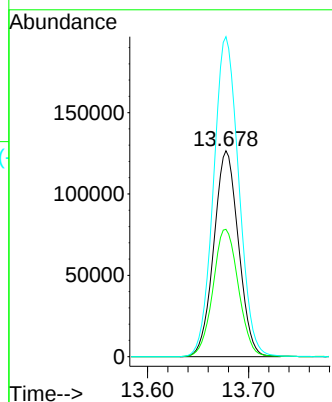
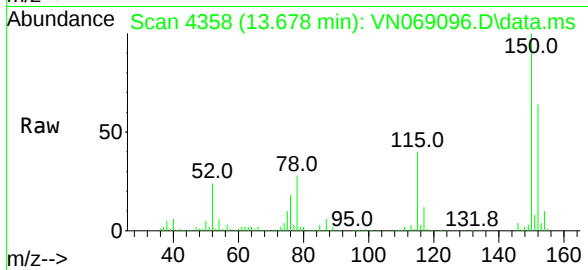




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069096.D
 Acq: 21 Oct 2021 18:34

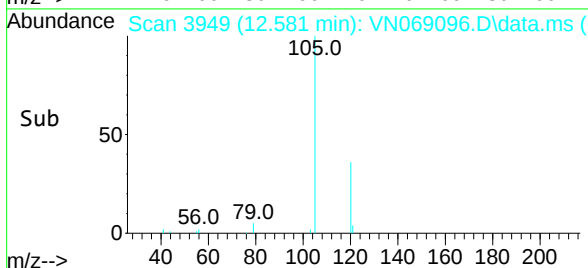
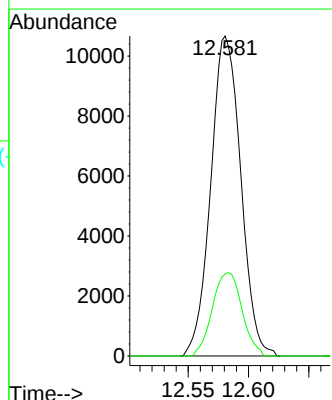
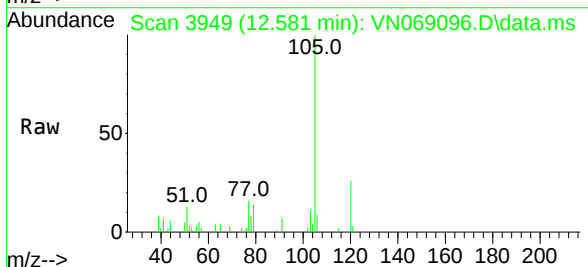
Instrument :
 MSVOA_N
 ClientSampled :

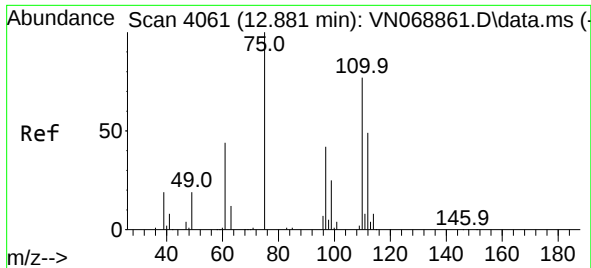
Tgt Ion:152 Resp: 214471
 Ion Ratio Lower Upper
 152 100
 115 64.0 31.4 94.3
 150 159.4 0.0 351.0



#73
 Isopropylbenzene
 Concen: 1.034 ug/l
 RT: 12.581 min Scan# 3949
 Delta R.T. 0.000 min
 Lab File: VN069096.D
 Acq: 21 Oct 2021 18:34

Tgt Ion:105 Resp: 18463
 Ion Ratio Lower Upper
 105 100
 120 25.7 13.1 39.3

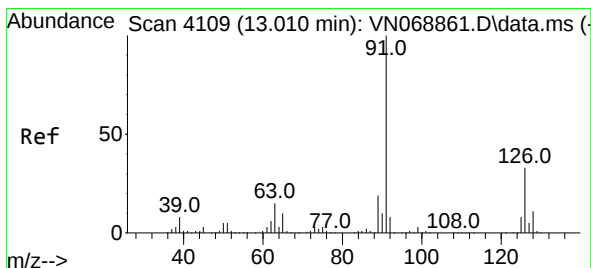
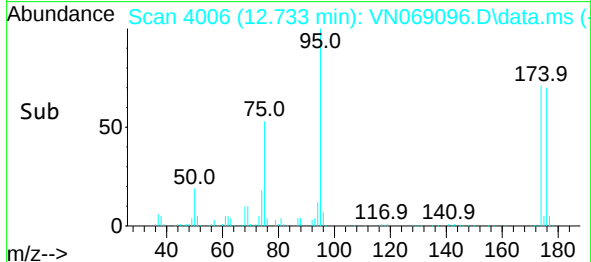
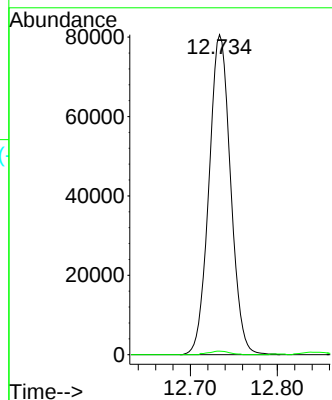
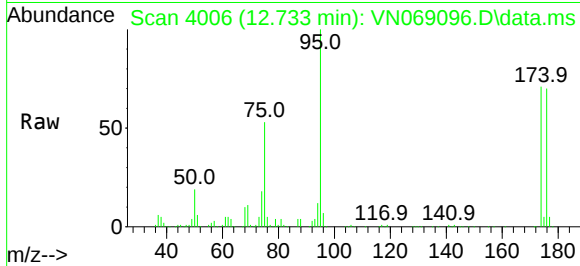




#76
1,2,3-Trichloropropane
Concen: 30.482 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

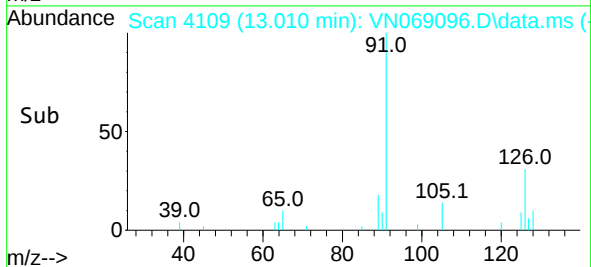
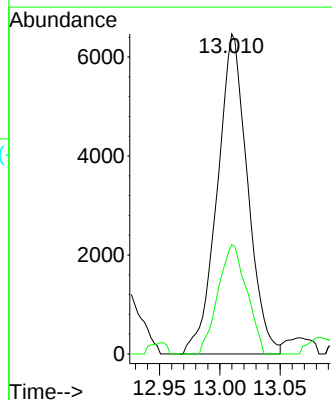
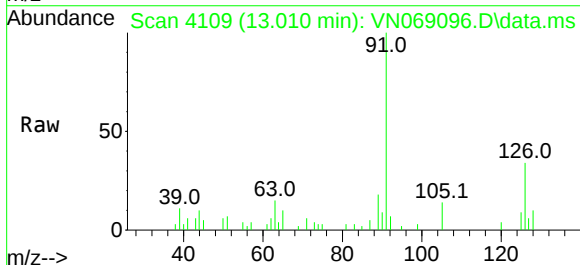
Instrument :
MSVOA_N
ClientSampled :

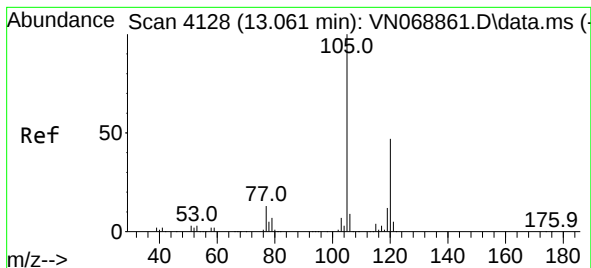
Tgt Ion: 75 Resp: 139098
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#79
2-Chlorotoluene
Concen: 0.914 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 91 Resp: 11296
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.4

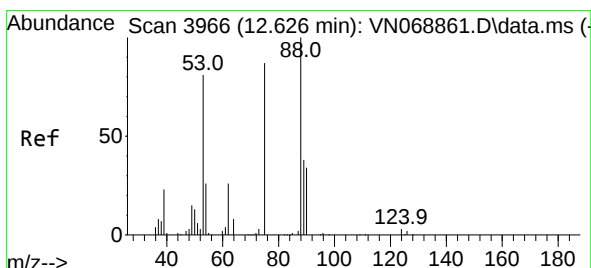
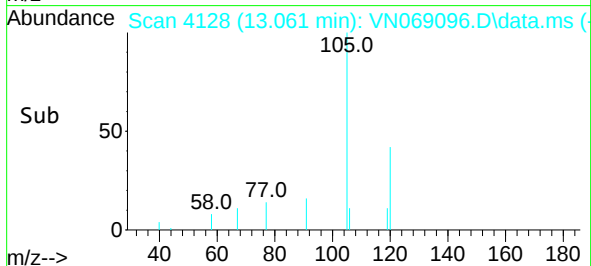
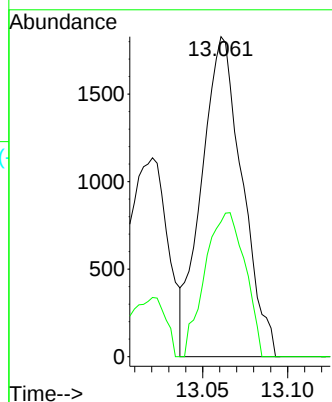
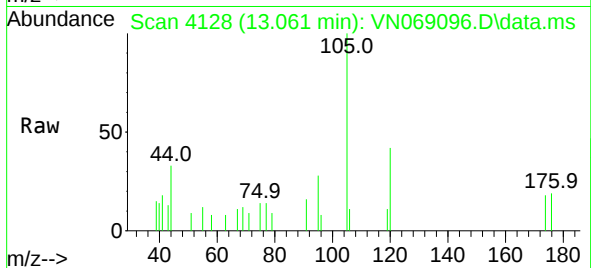




#80
1,3,5-Trimethylbenzene
Concen: 0.204 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

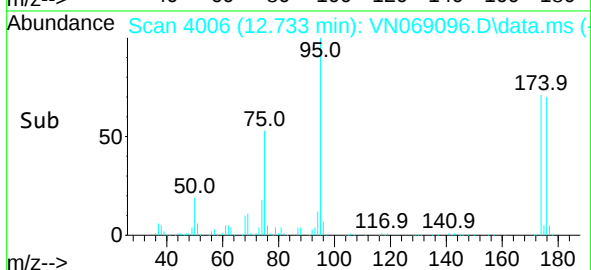
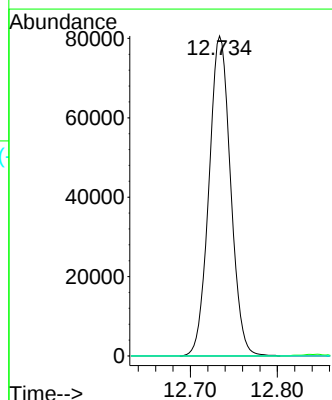
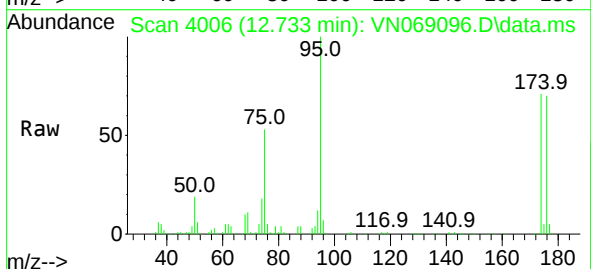
Instrument :
MSVOA_N
ClientSampled :

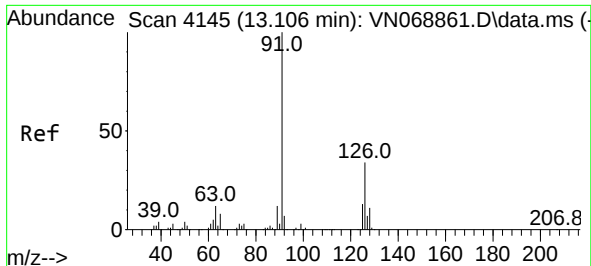
Tgt Ion:105 Resp: 3037
Ion Ratio Lower Upper
105 100
120 44.4 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 72.926 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 75 Resp: 139098
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

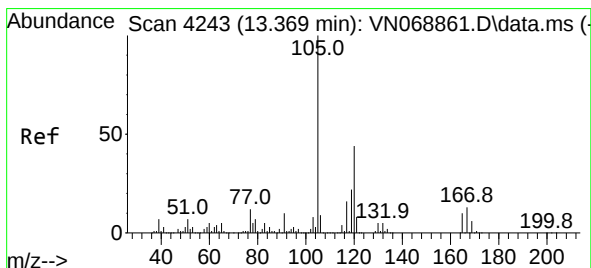
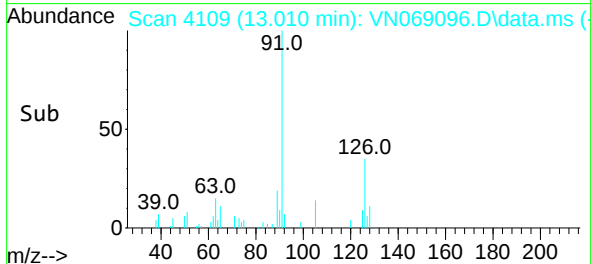
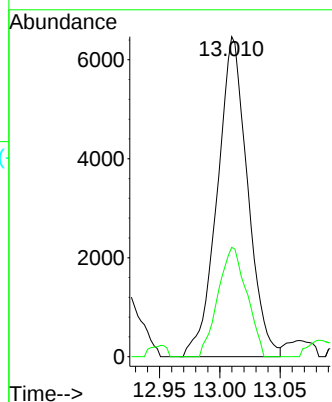
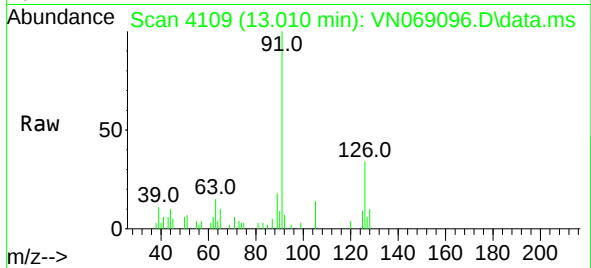




#82
4-Chlorotoluene
Concen: 0.945 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.096 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

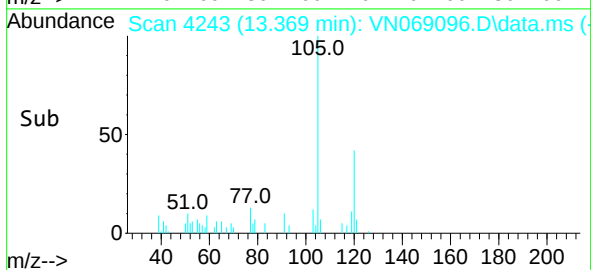
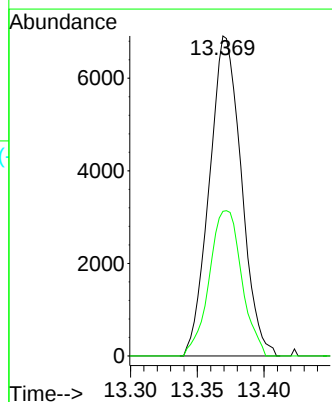
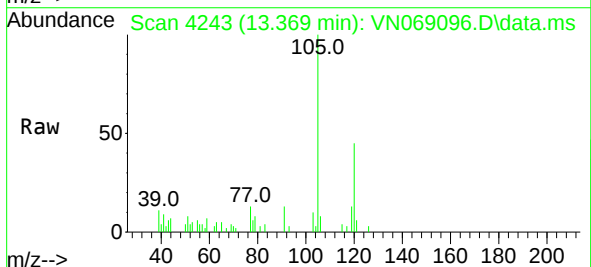
Instrument :
MSVOA_N
ClientSampleId :

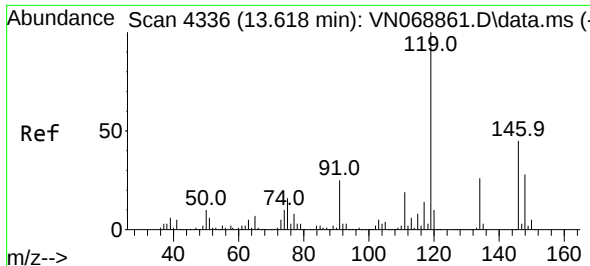
Tgt Ion: 91 Resp: 11296
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8



#84
1,2,4-Trimethylbenzene
Concen: 0.804 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion: 105 Resp: 11512
Ion Ratio Lower Upper
105 100
120 46.1 21.9 65.5

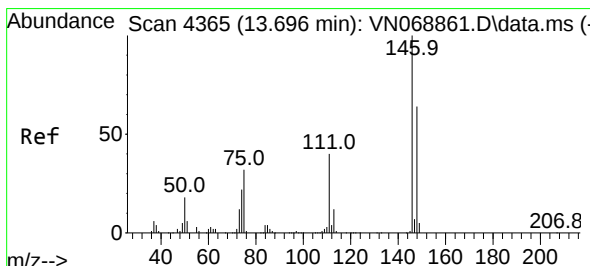
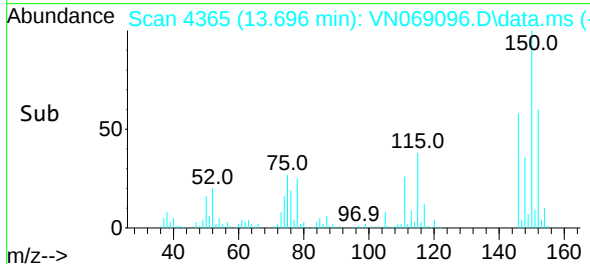
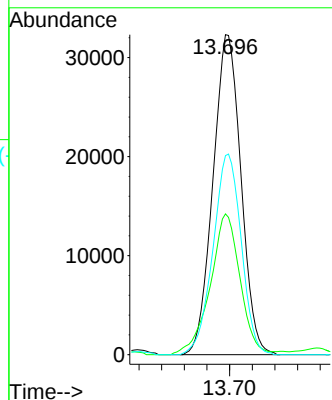
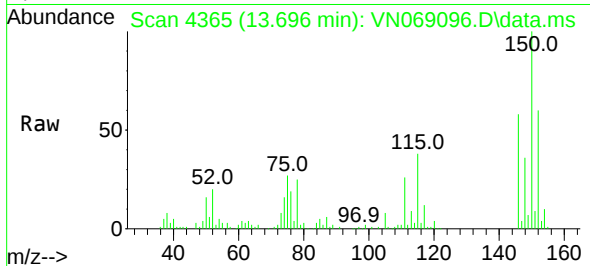




#87
1,3-Dichlorobenzene
Concen: 8.114 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.078 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

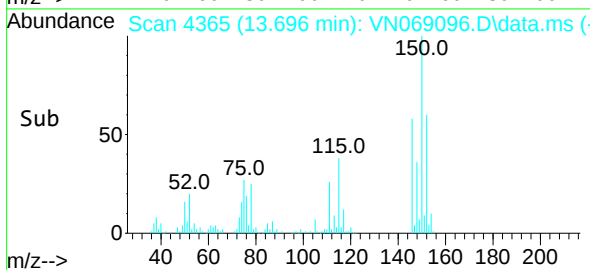
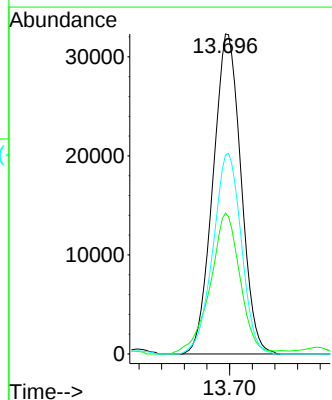
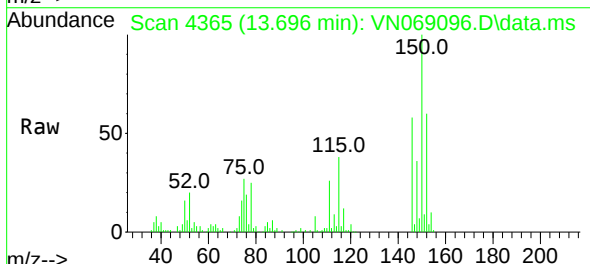
Instrument :
MSVOA_N
ClientSampled :

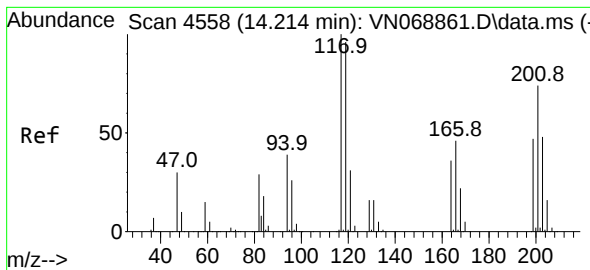
Tgt Ion:146 Resp: 55402
Ion Ratio Lower Upper
146 100
111 47.0 21.4 64.2
148 63.4 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 8.175 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

Tgt Ion:146 Resp: 55402
Ion Ratio Lower Upper
146 100
111 47.0 20.6 61.8
148 63.4 32.1 96.5

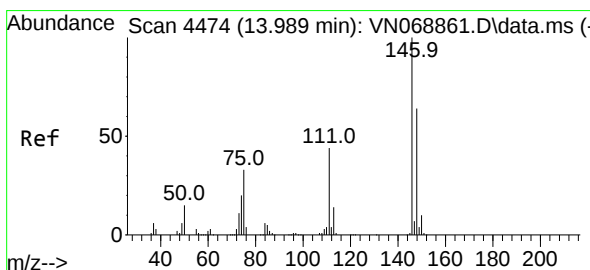
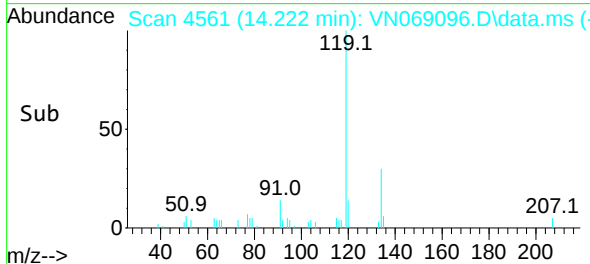
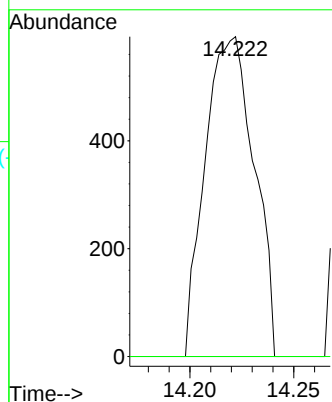
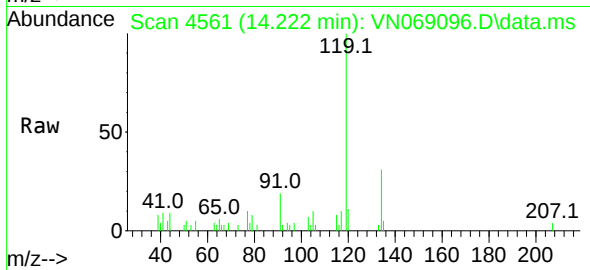




#90
Hexachloroethane
Concen: 0.322 ug/l
RT: 14.222 min Scan# 4561
Delta R.T. 0.008 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

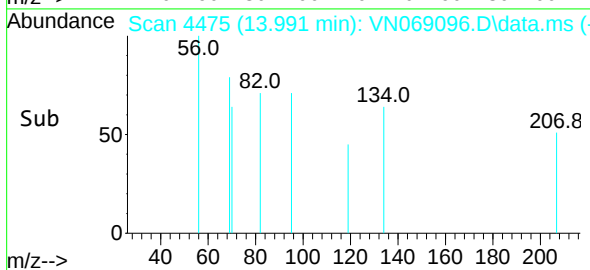
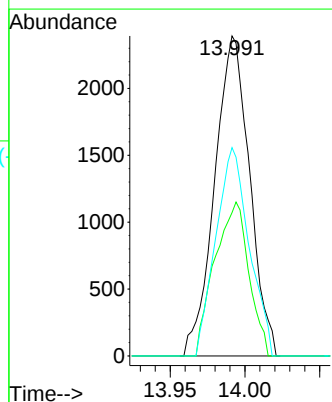
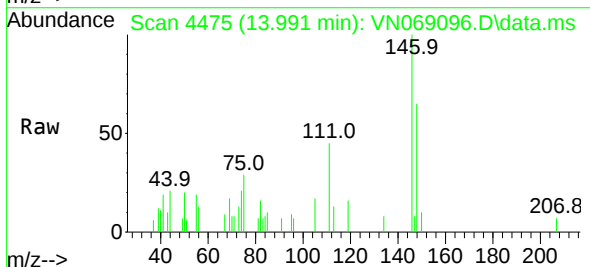
Instrument :
MSVOA_N
ClientSampled :

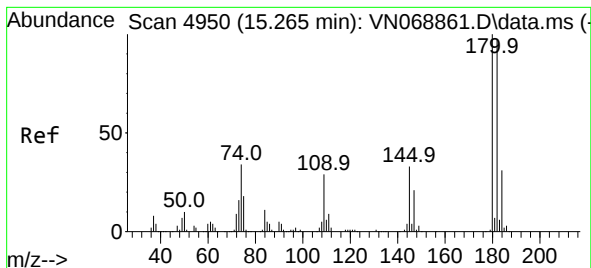
Tgt Ion:117 Resp: 973
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#91
1,2-Dichlorobenzene
Concen: 0.586 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

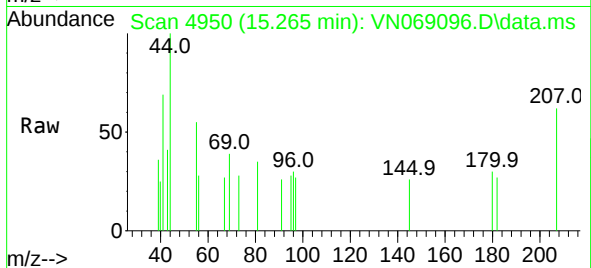
Tgt Ion:146 Resp: 3890
Ion Ratio Lower Upper
146 100
111 46.9 22.0 66.0
148 62.1 32.1 96.5



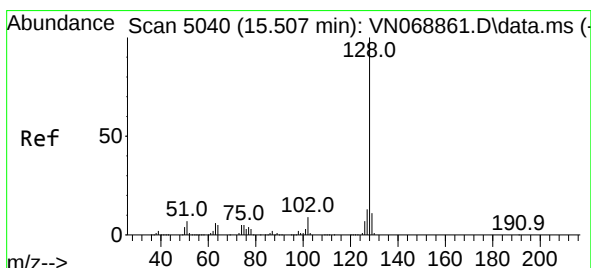
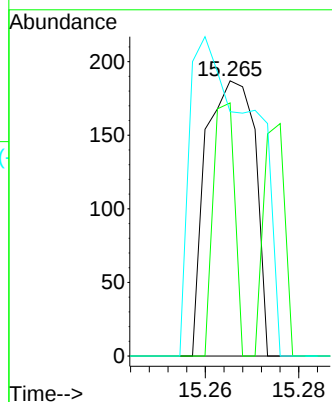
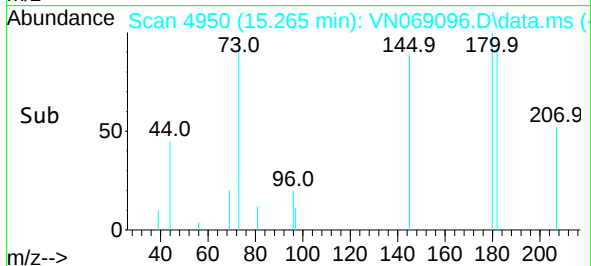


#93
1,2,4-Trichlorobenzene
Concen: 2.637 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34

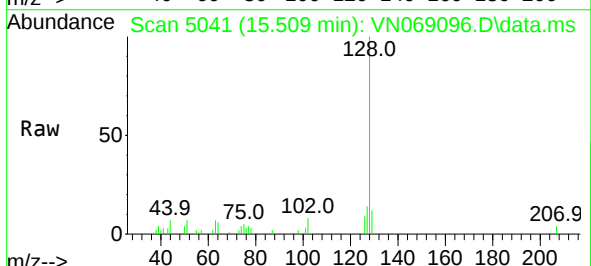
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:180 Resp: 136
Ion Ratio Lower Upper
180 100
182 40.4 47.9 143.7#
145 150.0 16.4 49.2#



#95
Naphthalene
Concen: 5.766 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069096.D
Acq: 21 Oct 2021 18:34



Tgt Ion:128 Resp: 21055
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.7 8.9 13.3

