

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061300.D
 Acq On : 5 May 2020 18:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 03:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	105179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	179157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	169827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	85366	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	7.55	113	49665	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	10.06	98	223541	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.38	95	85318	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51421	46.103	ug/l	100
3) Chloromethane	2.03	50	68703	50.860	ug/l	99
4) Vinyl Chloride	2.16	62	77587	50.570	ug/l	99
5) Bromomethane	2.53	94	32405	42.728	ug/l	96
6) Chloroethane	2.67	64	48563	49.938	ug/l	99
7) Trichlorofluoromethane	2.98	101	97193	56.149	ug/l	99
8) Diethyl Ether	3.37	74	37756	52.293	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55446	49.721	ug/l	98
10) Methyl Iodide	3.91	142	56932	39.726	ug/l	98
11) Tert butyl alcohol	4.73	59	48497	217.534	ug/l	100
12) 1,1-Dichloroethene	3.69	96	53251	47.986	ug/l	98
13) Acrolein	3.56	56	33075	222.625	ug/l	98
14) Allyl chloride	4.27	41	111530	54.203	ug/l	97
15) Acrylonitrile	4.93	53	173305	253.234	ug/l	100
16) Acetone	3.77	43	148662	230.538	ug/l	100
17) Carbon Disulfide	4.01	76	119880	39.107	ug/l	100
18) Methyl Acetate	4.27	43	92505	44.114	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	207405	48.912	ug/l	99
20) Methylene Chloride	4.50	84	62533	48.187	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	57545	47.621	ug/l	98
22) Diisopropyl ether	5.90	45	239955	50.289	ug/l	98
23) Vinyl Acetate	5.84	43	954008	248.317	ug/l	100
24) 1,1-Dichloroethane	5.80	63	122241	49.034	ug/l	99
25) 2-Butanone	6.78	43	238673	242.358	ug/l	100
26) 2,2-Dichloropropane	6.77	77	103484	49.282	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	68185	48.083	ug/l	98
28) Bromochloromethane	7.15	49	60288	51.021	ug/l	96
29) Tetrahydrofuran	7.17	42	161898	244.051	ug/l	99
30) Chloroform	7.33	83	121131	47.946	ug/l	98
31) Cyclohexane	7.61	56	105033	43.382	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	107020	48.646	ug/l	99
36) 1,1-Dichloropropene	7.75	75	88348	49.262	ug/l	99
37) Ethyl Acetate	6.88	43	105788	50.315	ug/l	99
38) Carbon Tetrachloride	7.73	117	82284	50.273	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	94884	47.176	ug/l	99
40) Benzene	8.00	78	259076	48.488	ug/l	100
41) Methacrylonitrile	7.13	41	50416	57.753	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	103229	50.998	ug/l	99
43) Isopropyl Acetate	8.12	43	174337	49.962	ug/l	99
44) Trichloroethene	8.80	130	64755	44.832	ug/l	98
45) 1,2-Dichloropropane	9.08	63	70573	49.439	ug/l	100
46) Dibromomethane	9.17	93	44959	50.868	ug/l	99
47) Bromodichloromethane	9.37	83	97635	51.466	ug/l	98
48) Methyl methacrylate	9.17	41	82550	52.427	ug/l	97
49) 1,4-Dioxane	9.17	88	13303	744.289	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	528150	257.146	ug/l	100
52) Toluene	10.12	92	159508	49.563	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	108106	50.574	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	113410	50.184	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	63994	49.851	ug/l	99
56) Ethyl methacrylate	10.40	69	103550	46.493	ug/l	99
57) 1,3-Dichloropropane	10.68	76	114221	50.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	250438	241.018	ug/l	100
59) 2-Hexanone	10.72	43	382404	255.917	ug/l	100
60) Dibromochloromethane	10.87	129	68466	50.924	ug/l	99
61) 1,2-Dibromoethane	10.98	107	63927	49.685	ug/l	98
64) Tetrachloroethene	10.60	164	61452	41.779	ug/l	99
65) Chlorobenzene	11.41	112	165279	49.062	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	61773	51.233	ug/l	99
67) Ethyl Benzene	11.48	91	313673	49.739	ug/l	100
68) m/p-Xylenes	11.60	106	228517	98.997	ug/l	97
69) o-Xylene	11.92	106	108051	48.731	ug/l	96
70) Styrene	11.94	104	187425	50.505	ug/l	99
71) Bromoform	12.10	173	46041	51.957	ug/l #	99
73) Isopropylbenzene	12.22	105	299807	49.559	ug/l	100
74) N-amyl acetate	12.04	43	149353	48.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	93964	49.814	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	130289	75.100	ug/l #	100
77) Bromobenzene	12.50	156	68187	48.828	ug/l	98
78) n-propylbenzene	12.57	91	359427	50.092	ug/l	99
79) 2-Chlorotoluene	12.65	91	210365	49.879	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	253993	50.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33651	49.258	ug/l	99
82) 4-Chlorotoluene	12.75	91	222273	50.004	ug/l	99
83) tert-Butylbenzene	12.97	119	209575	49.641	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	253882	49.217	ug/l	99
85) sec-Butylbenzene	13.15	105	286883	49.841	ug/l	99
86) p-Isopropyltoluene	13.26	119	256800	49.518	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	127635	49.648	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	126586	48.192	ug/l	99
89) n-Butylbenzene	13.59	91	240298	50.543	ug/l	100
90) Hexachloroethane	13.85	117	35073	62.575	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	121857	49.435	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19313	48.478	ug/l	99

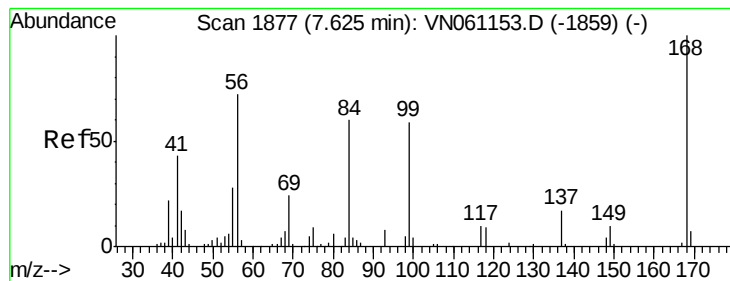
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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	72420	48.246	ug/l	100
94) Hexachlorobutadiene	14.98	225	30539	48.699	ug/l	98
95) Naphthalene	15.11	128	225711	46.172	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	71117	47.987	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

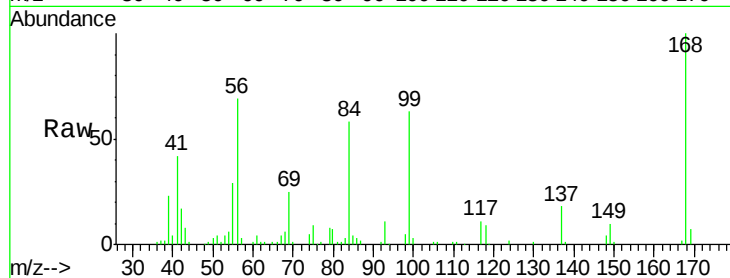
ClientSampleId :

Tot Ion:168 Resp: 105179

Ion Ratio Lower Upper

168 100

99 62.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

30000

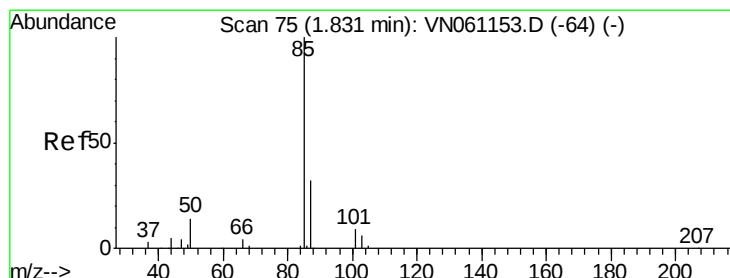
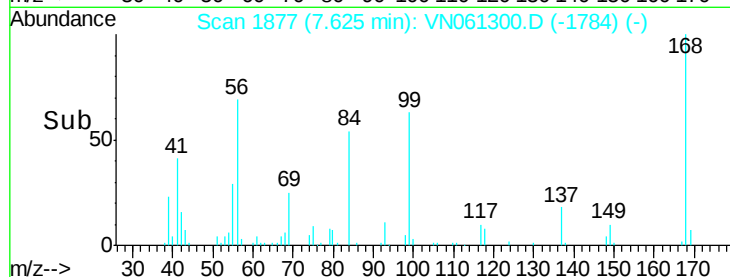
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.103 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061300.D

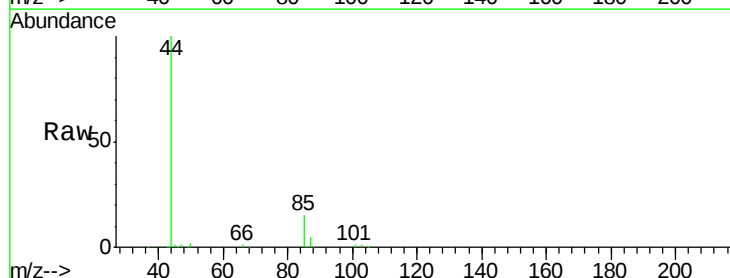
Acq: 5 May 2020 18:24

Tgt Ion: 85 Resp: 51421

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

30000

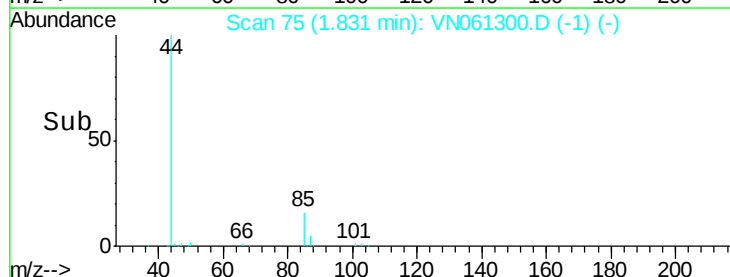
20000

10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 50.860 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

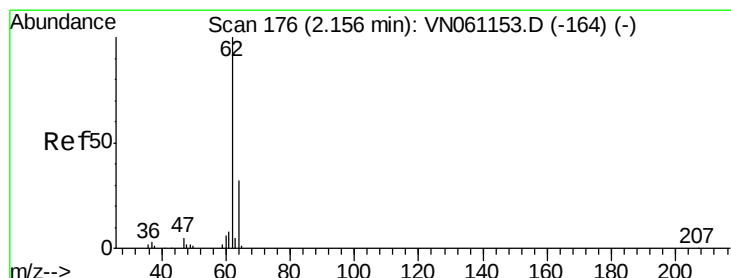
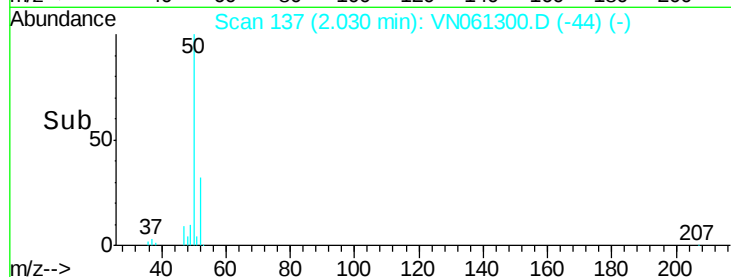
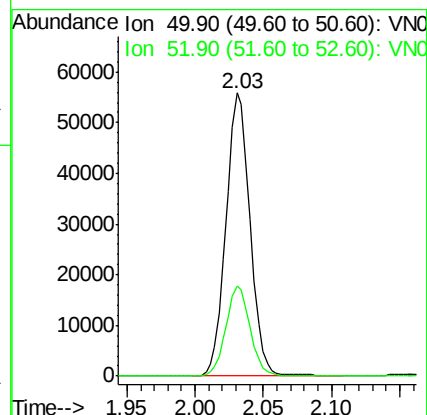
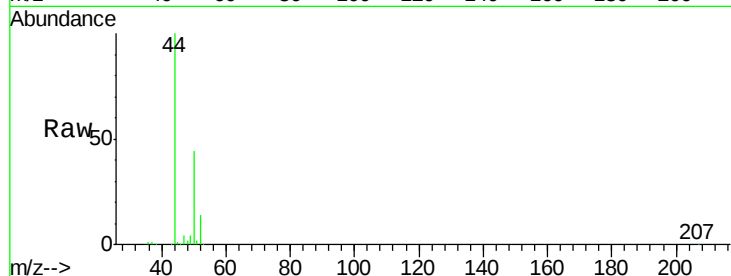
ClientSampleId :

Tot Ion: 50 Resp: 68703

Ion Ratio Lower Upper

50 100

52 31.8 26.0 39.0



#4

Vinyl Chloride

Concen: 50.570 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061300.D

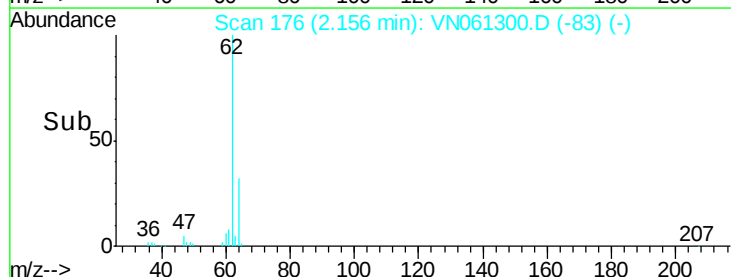
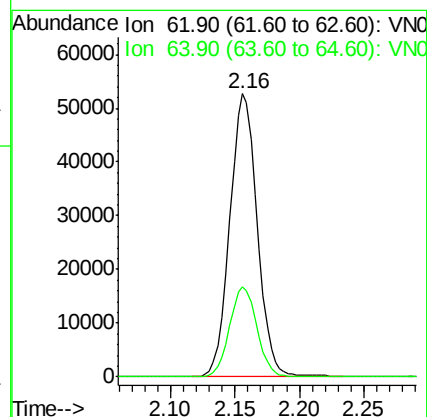
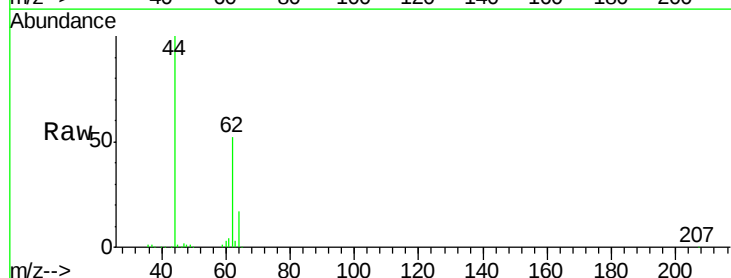
Acq: 5 May 2020 18:24

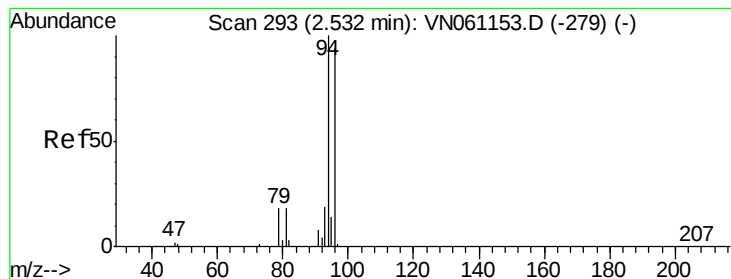
Tgt Ion: 62 Resp: 77587

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 42.728 ug/l

RT: 2.53 min Scan# 293

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

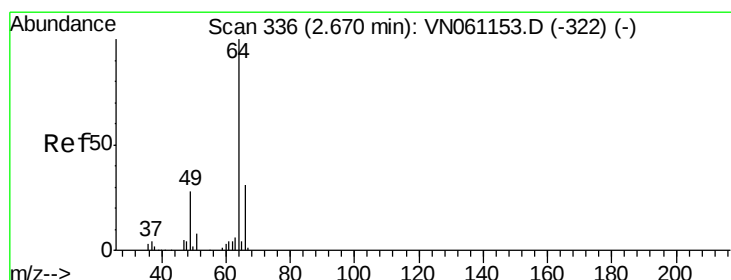
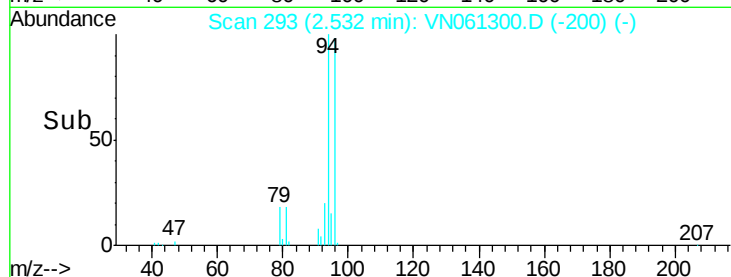
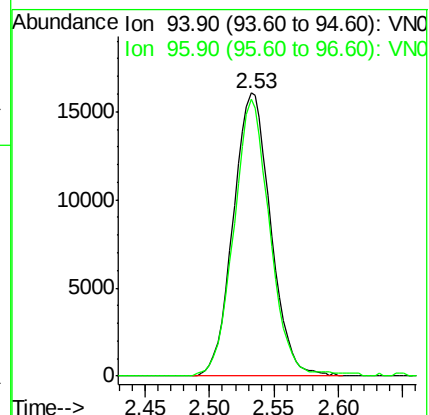
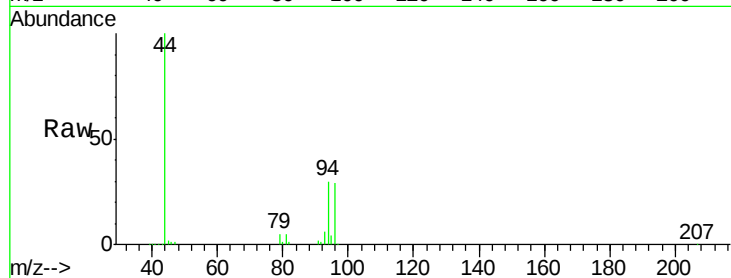
ClientSampleId :

Tot Ion: 94 Resp: 32405

Ion Ratio Lower Upper

94 100

96 97.7 75.1 112.7



#6

Chloroethane

Concen: 49.938 ug/l

RT: 2.67 min Scan# 336

Delta R.T. -0.00 min

Lab File: VN061300.D

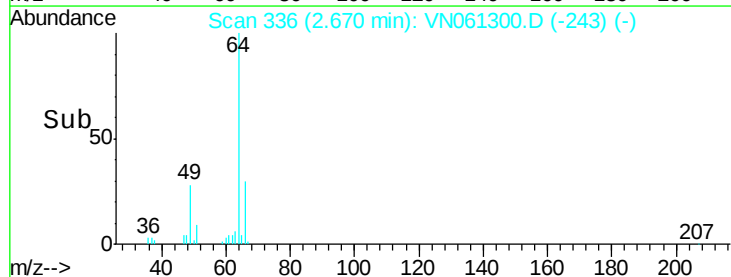
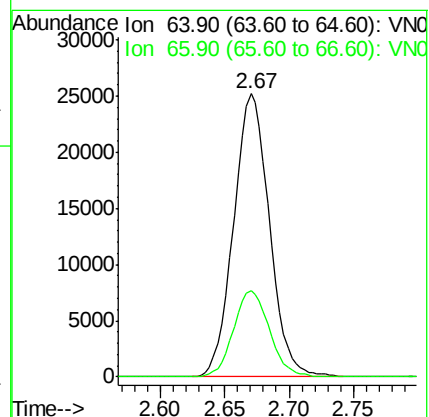
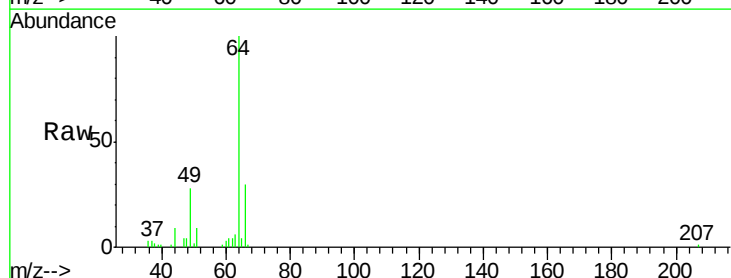
Acq: 5 May 2020 18:24

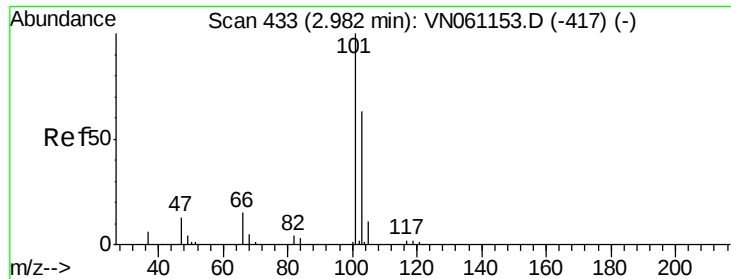
Tgt Ion: 64 Resp: 48563

Ion Ratio Lower Upper

64 100

66 30.3 24.6 36.8



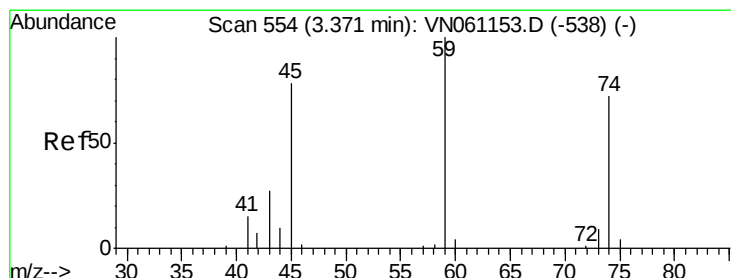
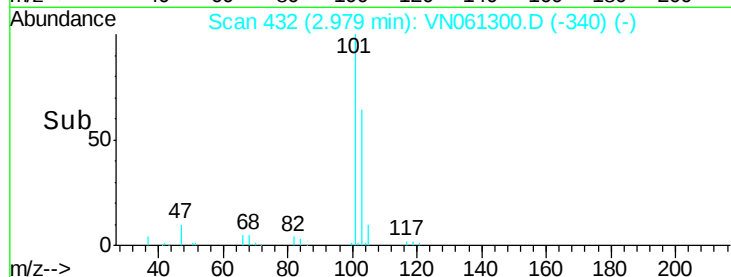
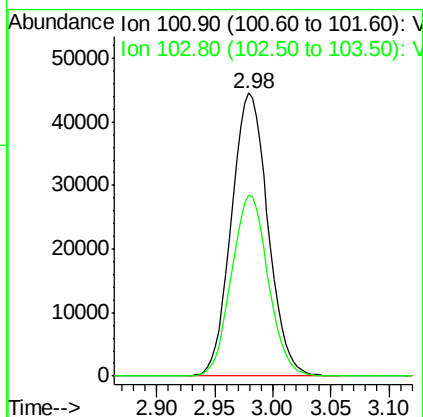
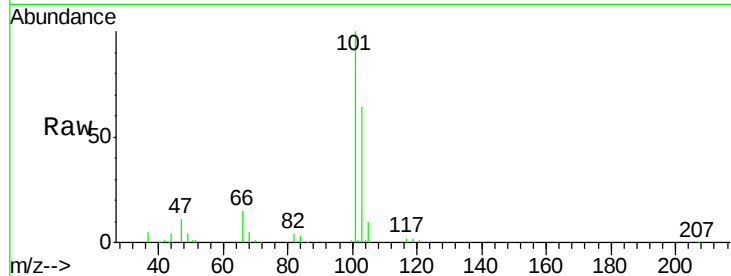


#7

Trichlorofluoromethane
 Concen: 56.149 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Instrument :
 MSVOA_N
 ClientSampled :

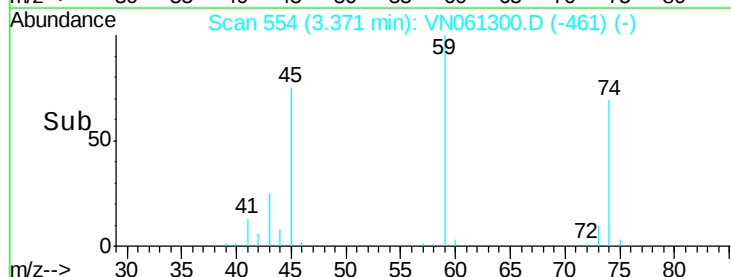
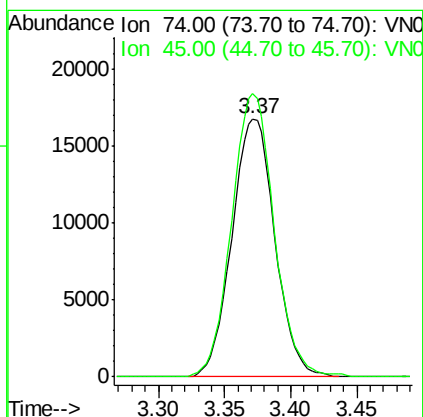
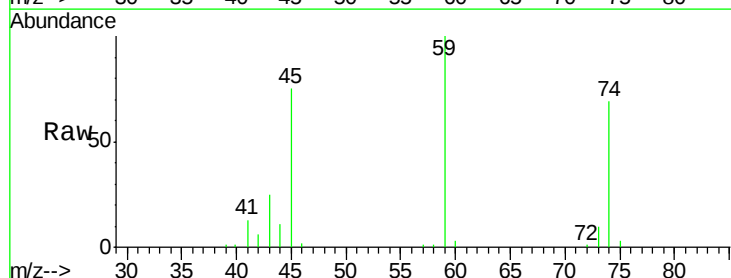
Tot Ion:101 Resp: 97193
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.6 76.0



#8

Diethyl Ether
 Concen: 52.293 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion: 74 Resp: 37756
 Ion Ratio Lower Upper
 74 100
 45 108.5 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.721 ug/l

RT: 3.72 min Scan# 661

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

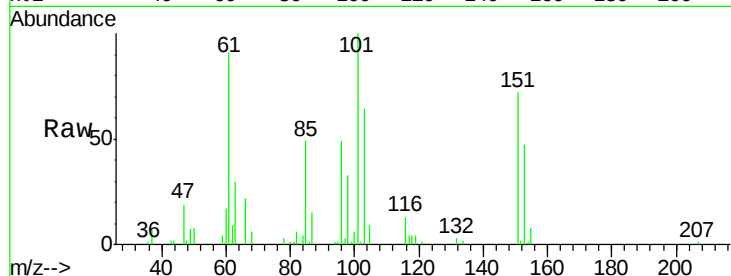
Tot Ion:101 Resp: 55446

Ion Ratio Lower Upper

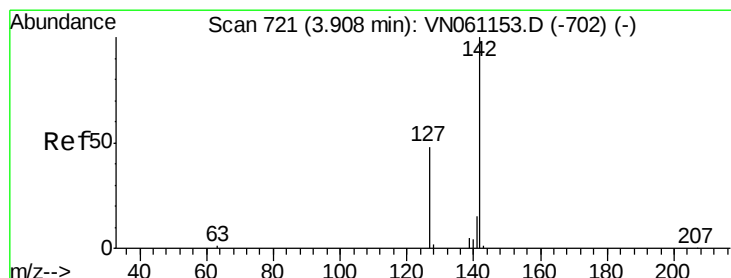
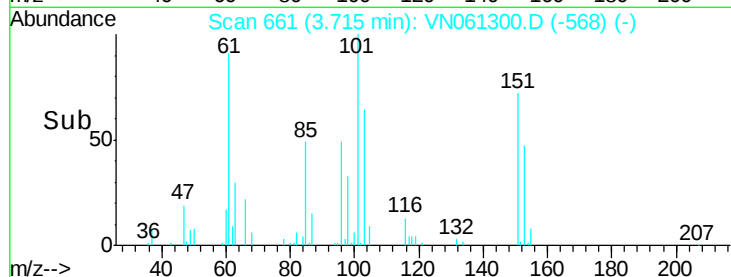
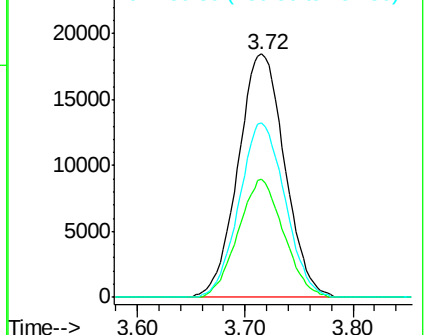
101 100

85 47.2 37.2 55.8

151 70.5 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.726 ug/l

RT: 3.91 min Scan# 721

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

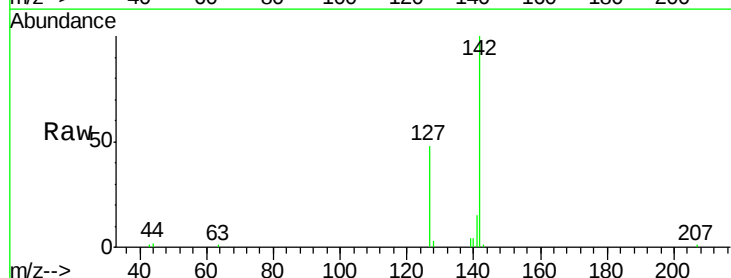
Tgt Ion:142 Resp: 56932

Ion Ratio Lower Upper

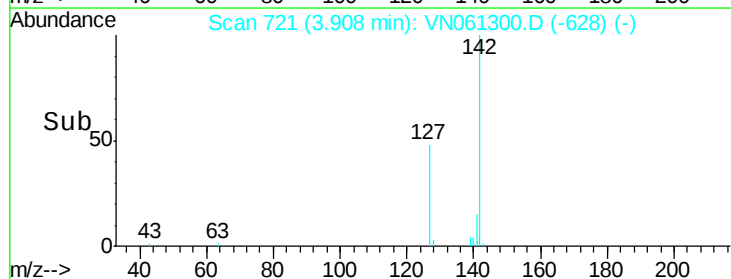
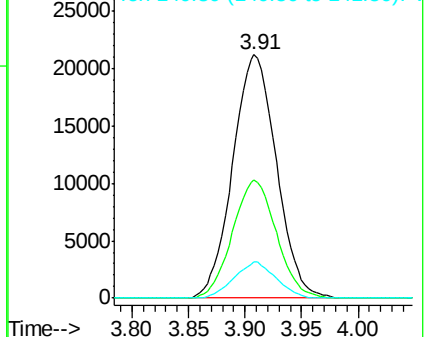
142 100

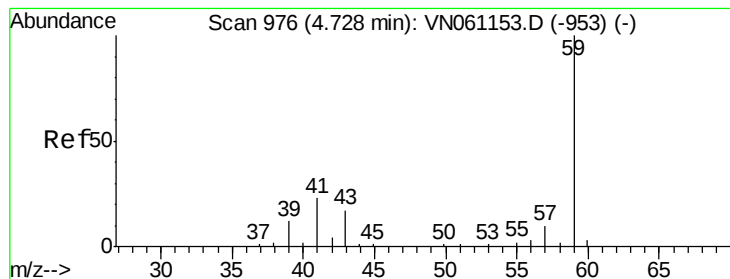
127 48.7 38.0 57.0

141 14.2 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



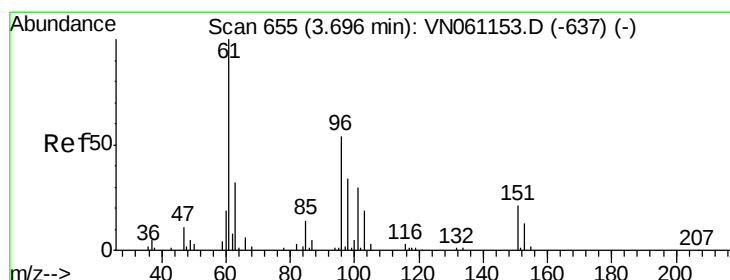
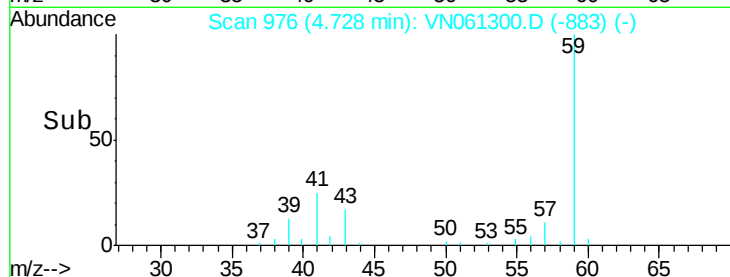
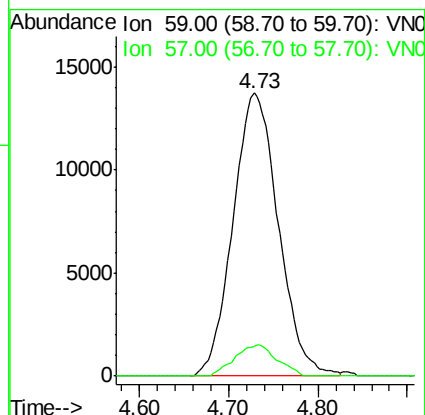
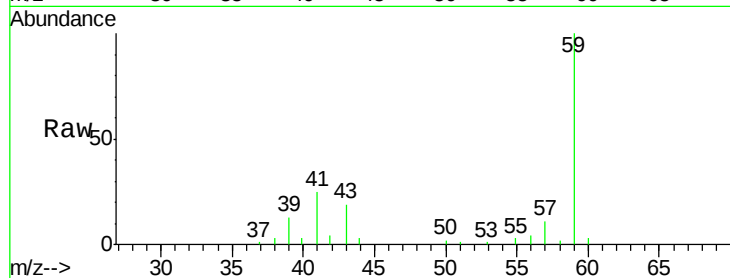


#11

Tert butyl alcohol
 Concen: 217.534 ug/l
 RT: 4.73 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Instrument :
 MSVOA_N
 ClientSampled :

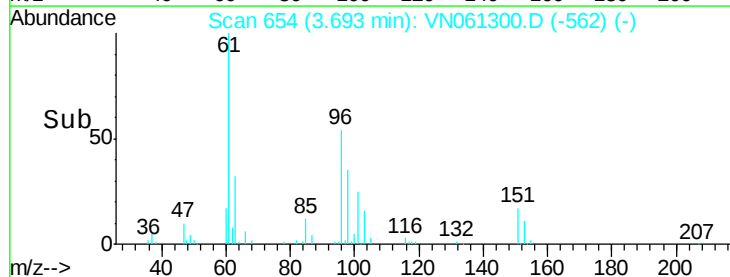
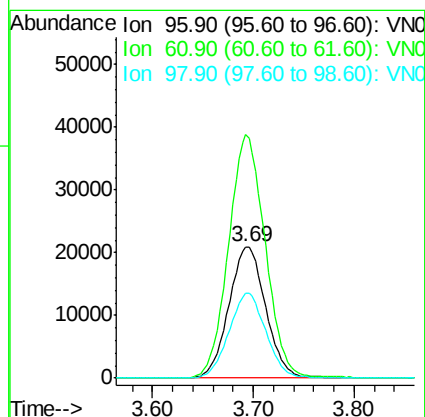
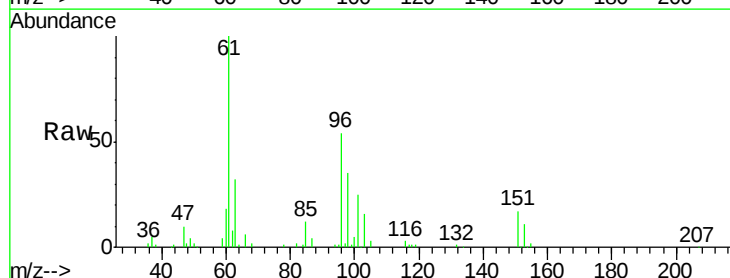
Tot Ion: 59 Resp: 48497
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

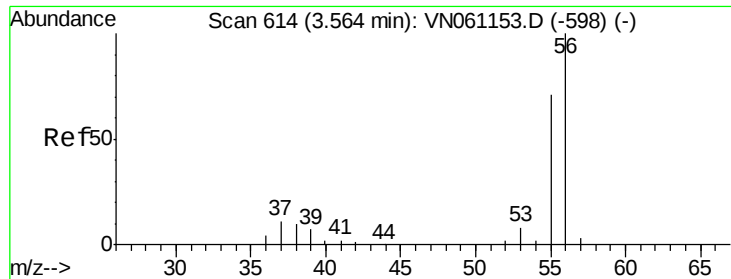


#12

1,1-Dichloroethene
 Concen: 47.986 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion: 96 Resp: 53251
 Ion Ratio Lower Upper
 96 100
 61 185.8 147.0 220.6
 98 64.5 49.8 74.6

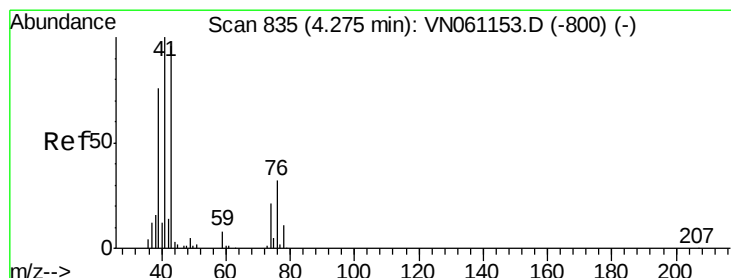
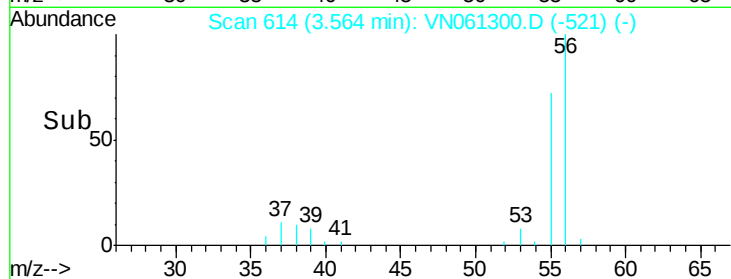
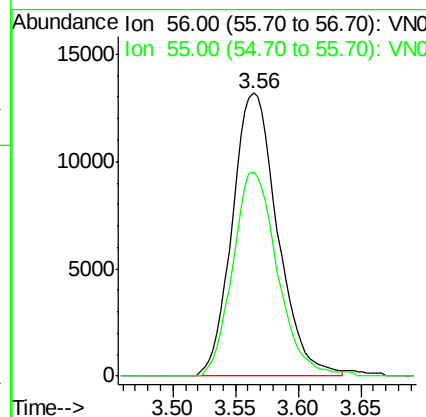
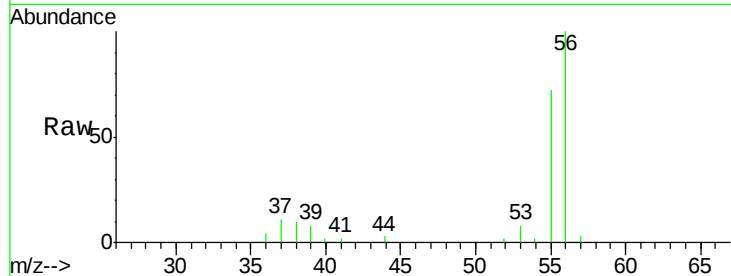




#13
Acrolein
Concen: 222.625 ug/l
RT: 3.56 min Scan# 614
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

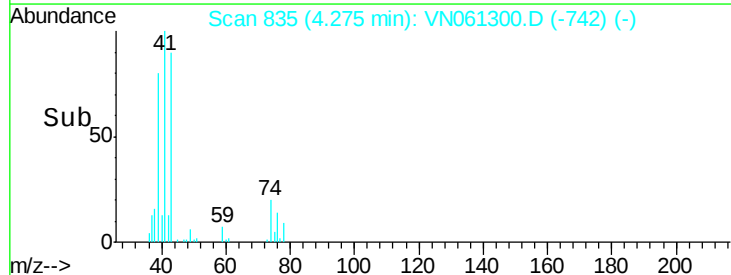
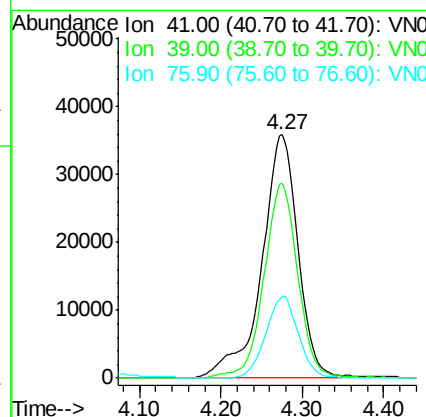
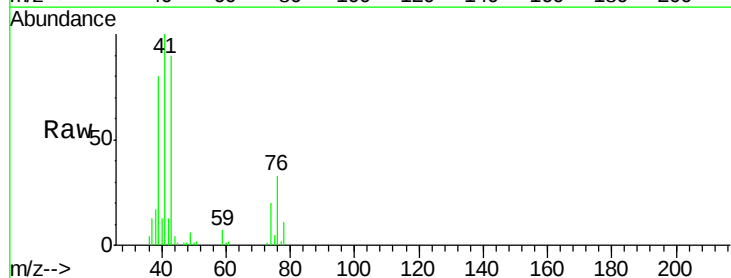
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 33075
Ion Ratio Lower Upper
56 100
55 71.3 58.5 87.7



#14
Allyl chloride
Concen: 54.203 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 41 Resp: 111530
Ion Ratio Lower Upper
41 100
39 74.3 57.1 85.7
76 30.1 24.3 36.5

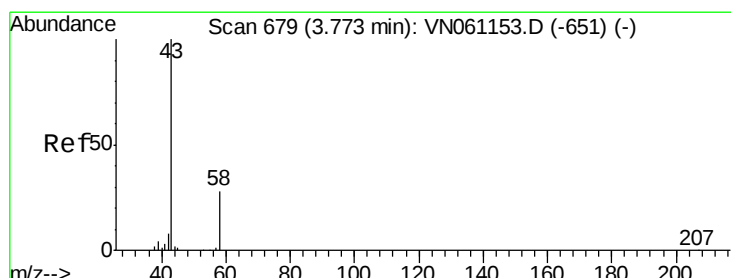
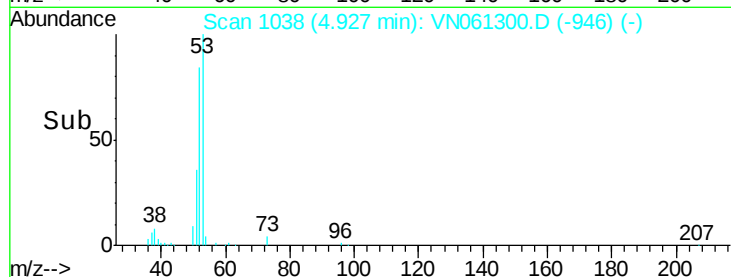
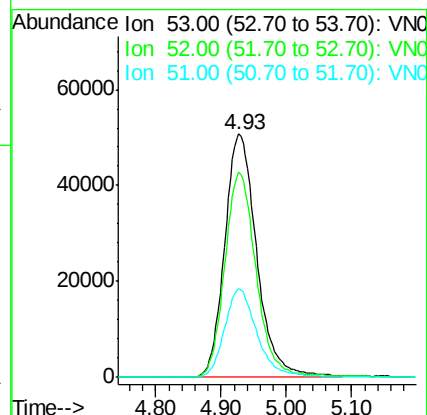
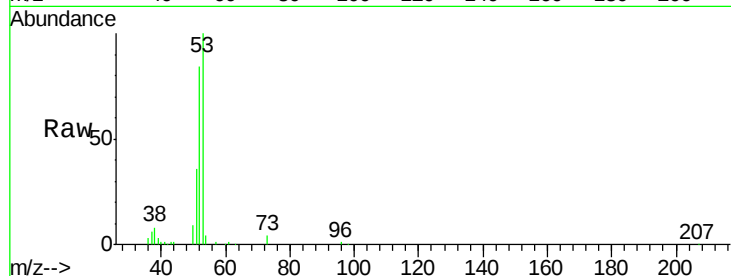




#15
 Acrylonitrile
 Concen: 253.234 ug/l
 RT: 4.93 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

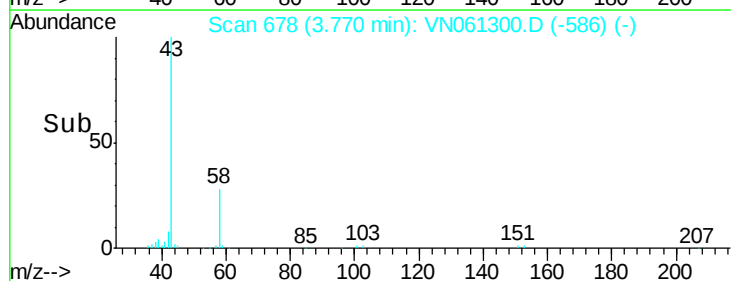
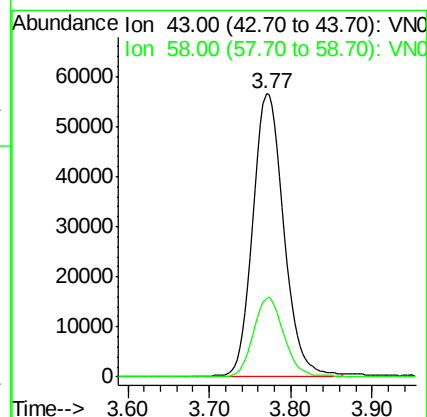
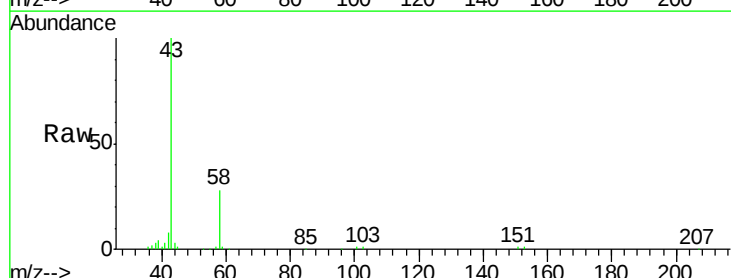
Instrument :
 MSVOA_N
 ClientSampleId :

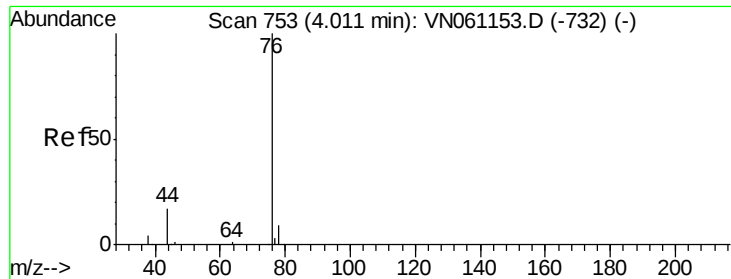
Tot Ion: 53 Resp: 173305
 Ion Ratio Lower Upper
 53 100
 52 81.8 65.4 98.0
 51 36.9 29.5 44.3



#16
 Acetone
 Concen: 230.538 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion: 43 Resp: 148662
 Ion Ratio Lower Upper
 43 100
 58 27.9 22.2 33.2

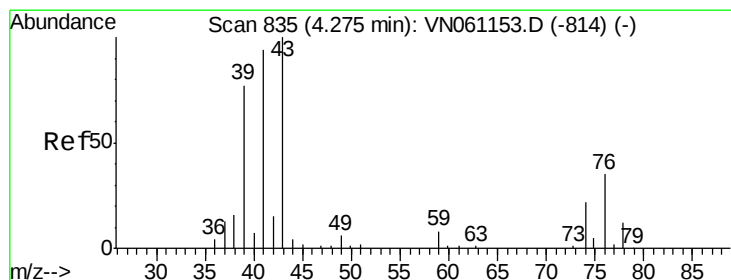
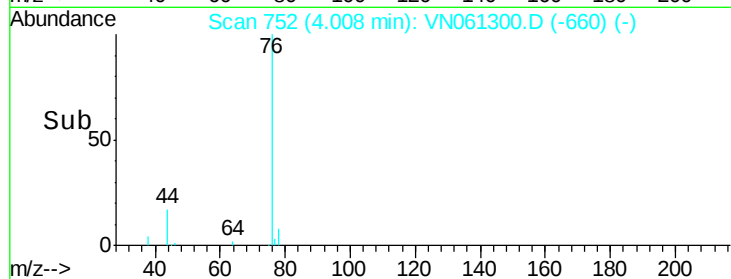
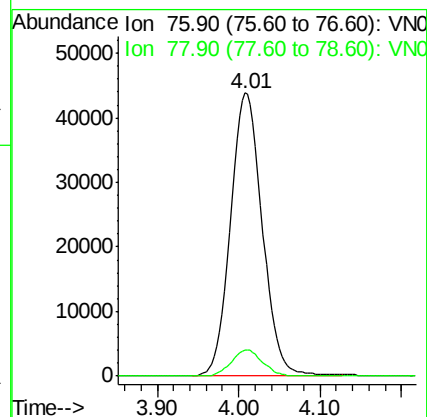
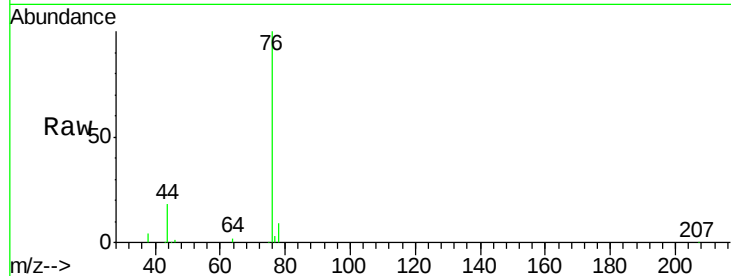




#17
Carbon Disulfide
Concen: 39.107 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

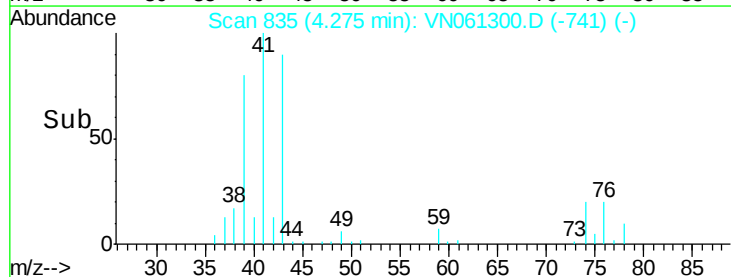
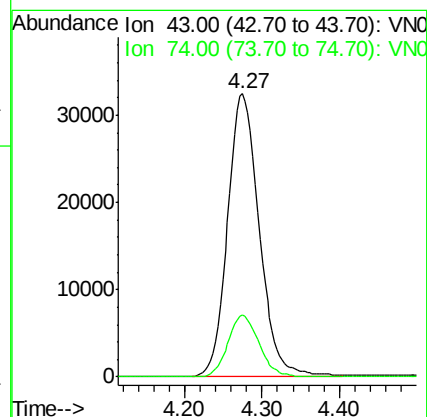
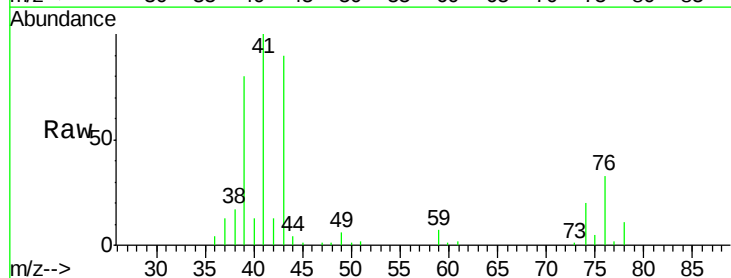
Instrument :
MSVOA_N
ClientSampleId :

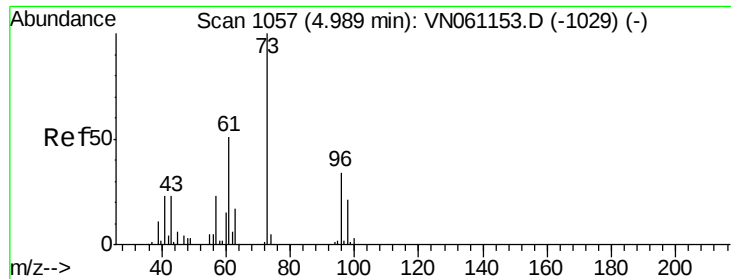
Tot Ion: 76 Resp: 119880
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 44.114 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 43 Resp: 92505
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4

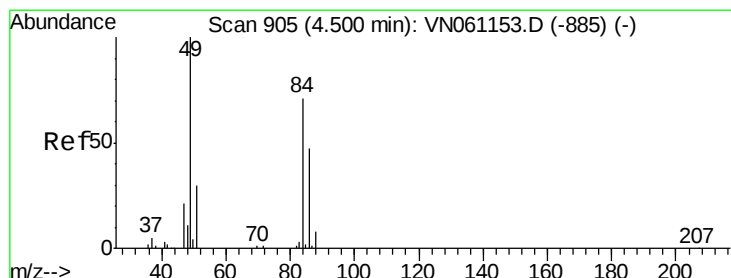
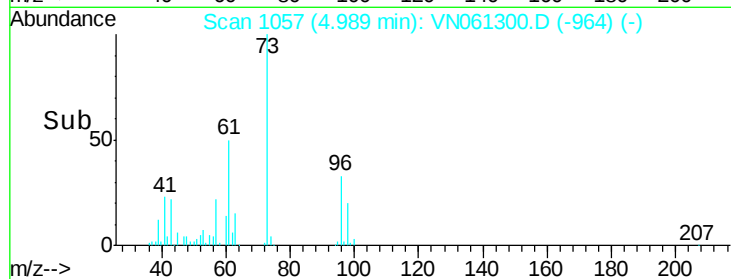
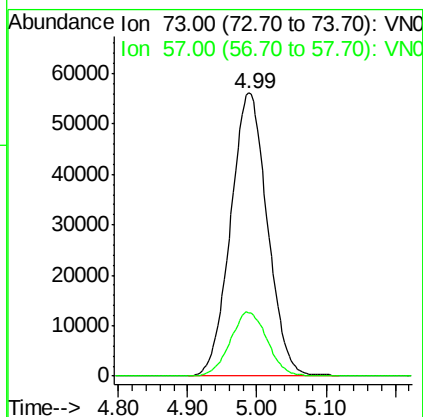
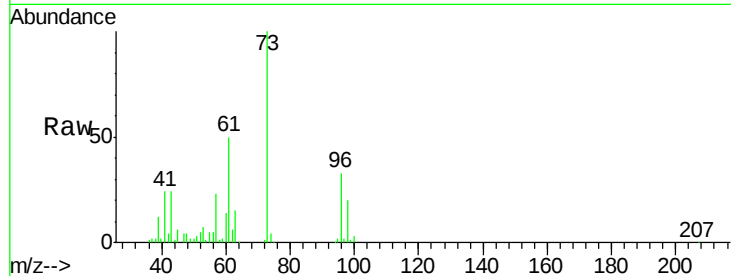




#19
Methvl tert-butvl Ether
Concen: 48.912 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

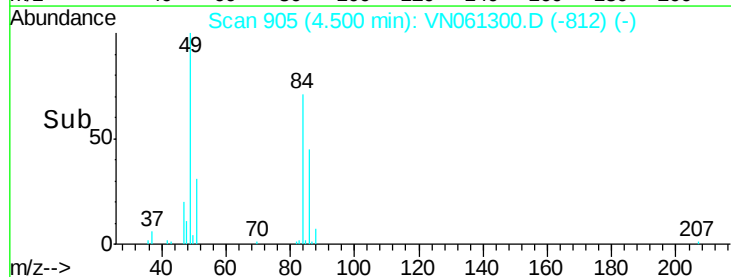
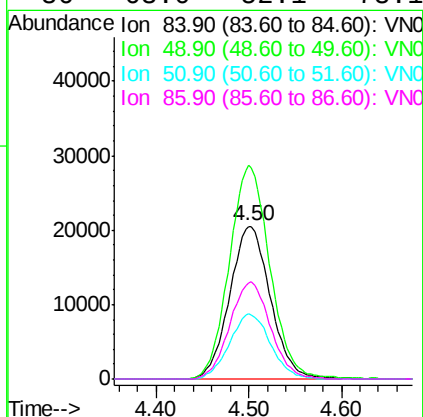
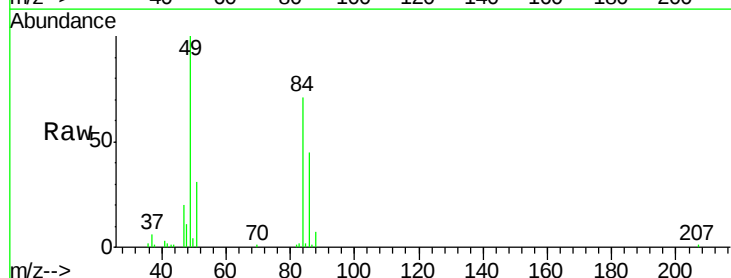
Instrument :
MSVOA_N
ClientSampleId :

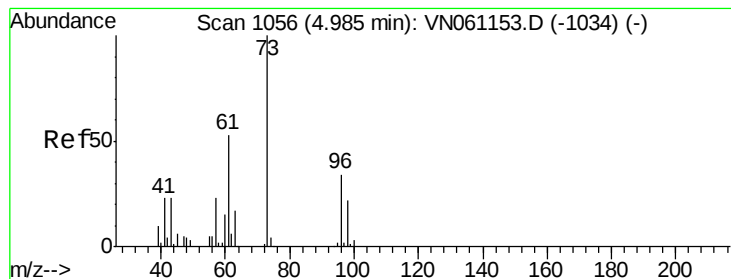
Tot Ion: 73 Resp: 207405
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 48.187 ug/l
RT: 4.50 min Scan# 905
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 84 Resp: 62533
Ion Ratio Lower Upper
84 100
49 139.9 112.0 168.0
51 42.9 33.6 50.4
86 63.0 52.1 78.1



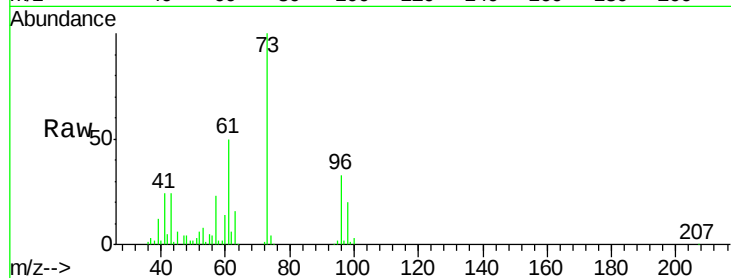


#21

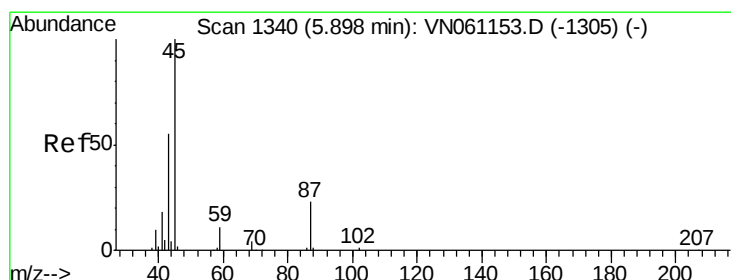
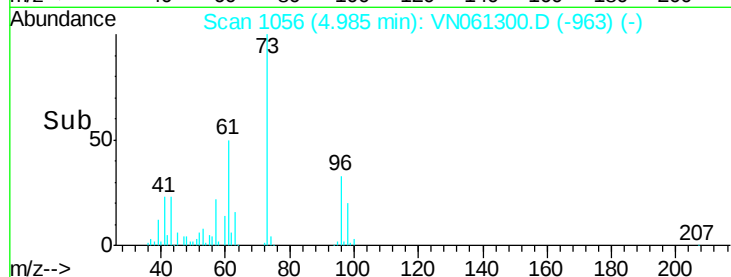
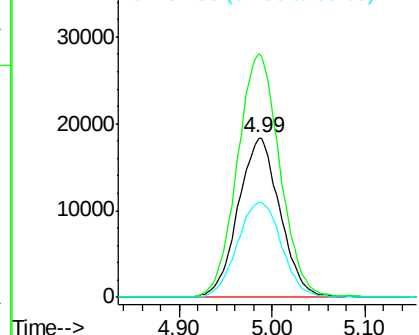
trans-1,2-Dichloroethene
Concen: 47.621 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 57545
Ion Ratio Lower Upper
96 100
61 152.8 123.0 184.4
98 59.6 50.1 75.1



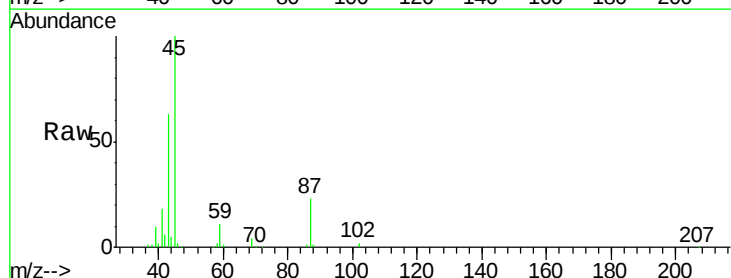
Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



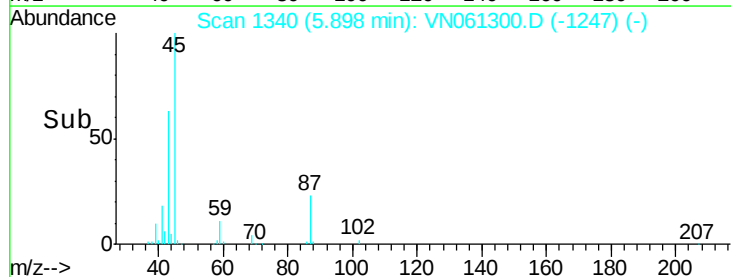
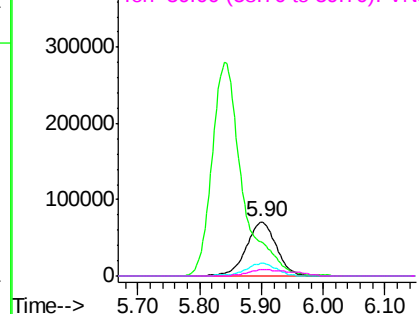
#22

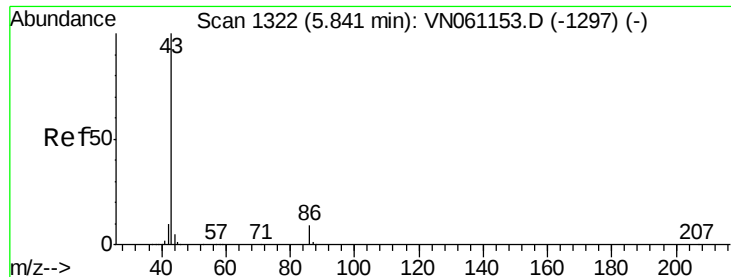
Diisopropyl ether
Concen: 50.289 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 45 Resp: 239955
Ion Ratio Lower Upper
45 100
43 61.9 47.9 71.9
87 22.9 19.2 28.8
59 10.9 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 248.317 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

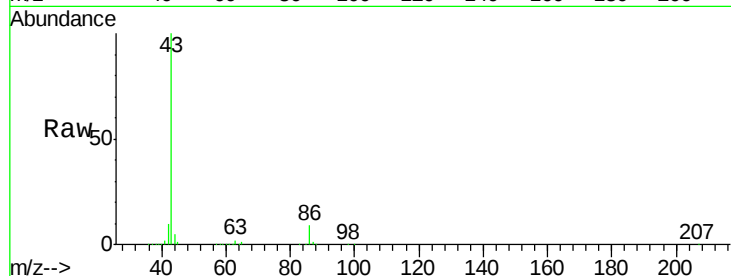
ClientSampleId :

Tot Ion: 43 Resp: 954008

Ion Ratio Lower Upper

43 100

86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1297) (-)

Ion 86.00 (85.70 to 86.70): VN061153.D (-1297) (-)

5.84

300000

250000

200000

150000

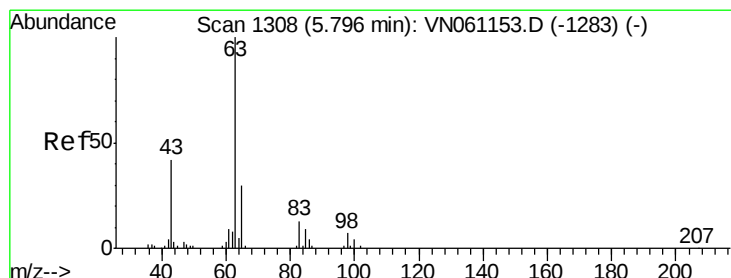
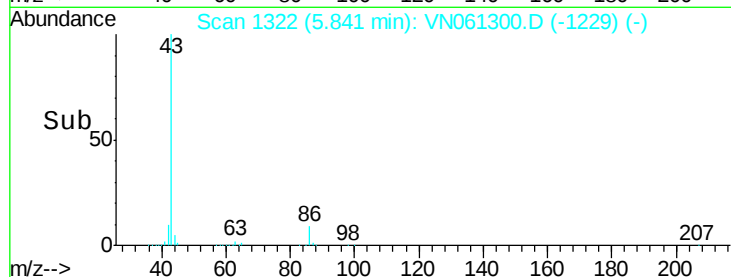
100000

50000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.034 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

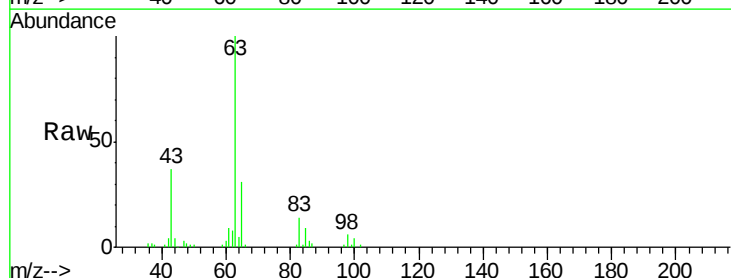
Tgt Ion: 63 Resp: 122241

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-1283) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1283) (-)

Ion 99.90 (99.60 to 100.60): VN061153.D (-1283) (-)

5.80

50000

40000

30000

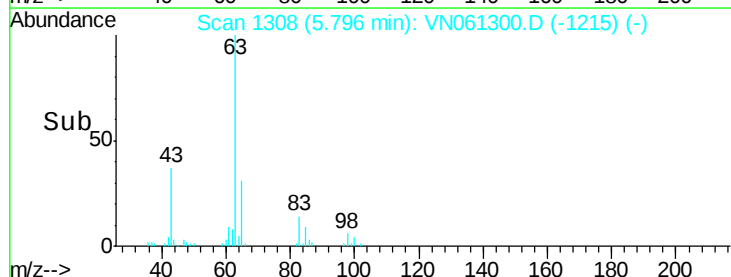
20000

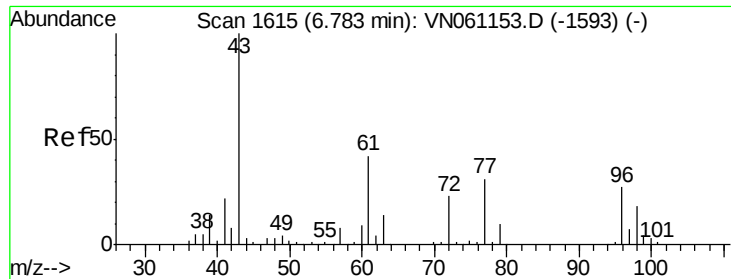
10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 242.358 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

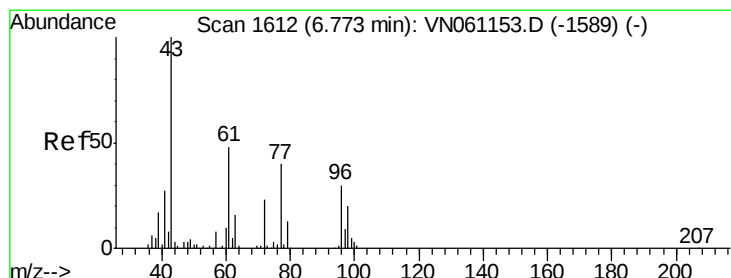
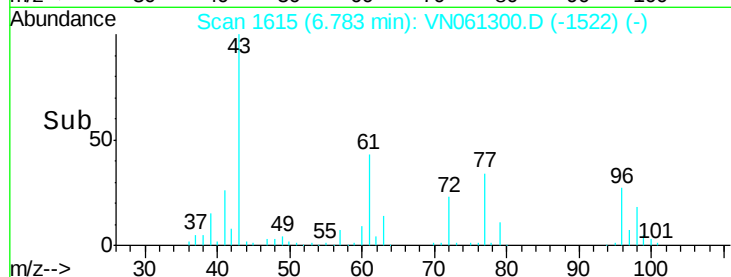
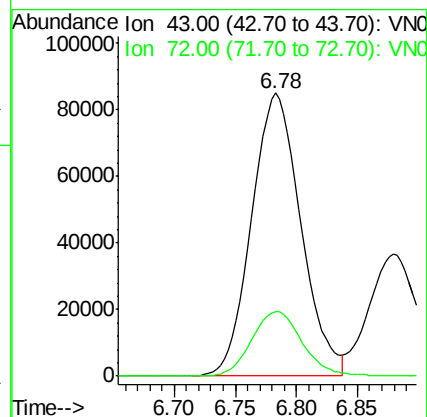
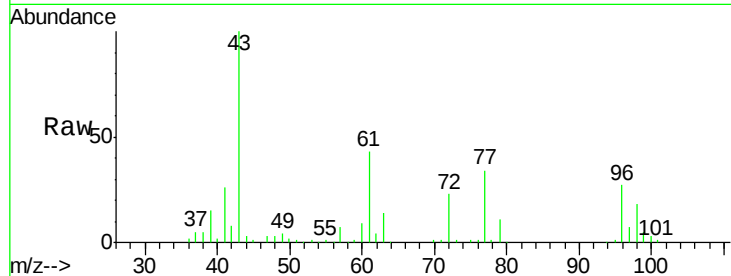
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 238673

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



#26

2,2-Dichloropropane

Concen: 49.282 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VN061300.D

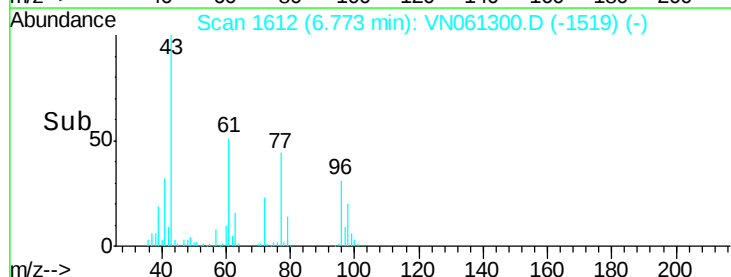
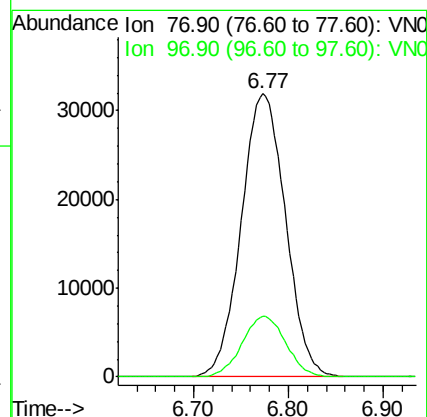
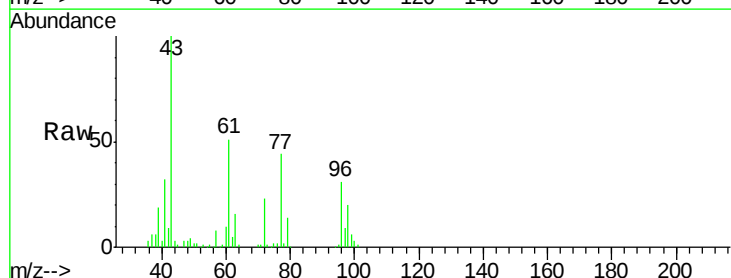
Acq: 5 May 2020 18:24

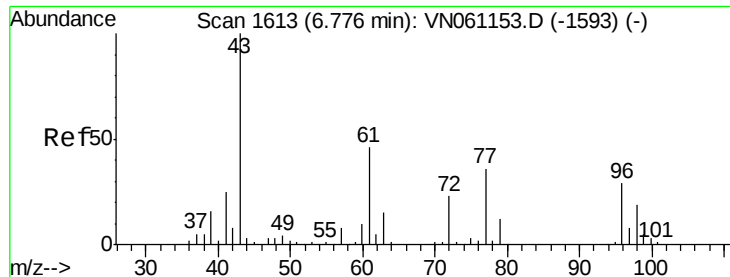
Tgt Ion: 77 Resp: 103484

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 48.083 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

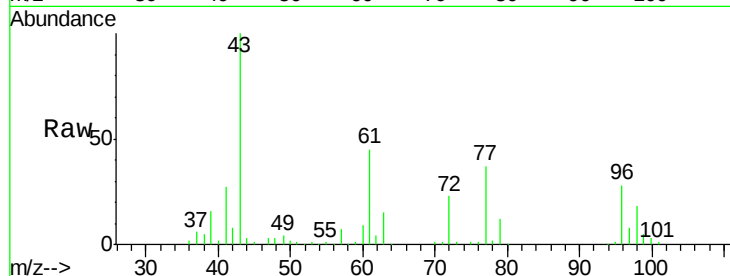
Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 68185

Ion	Ratio	Lower	Upper
96	100		
61	163.9	0.0	322.0
98	64.1	0.0	129.6

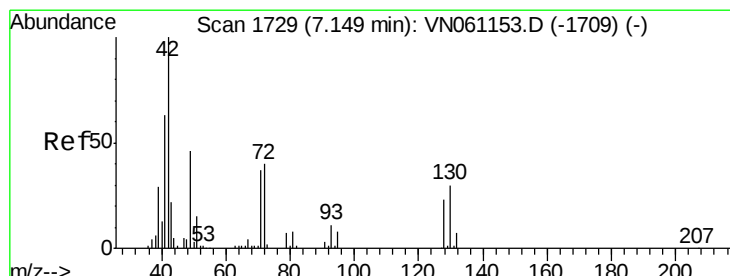
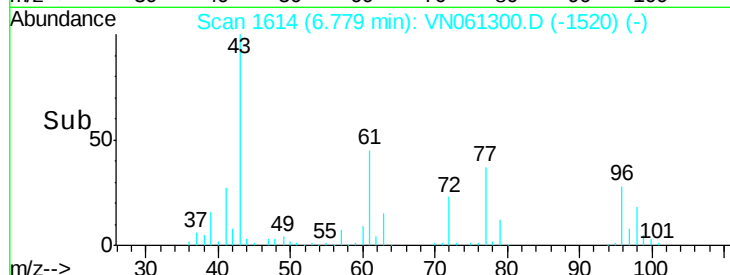
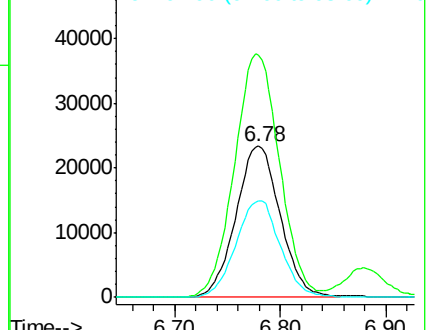


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.021 ug/l

RT: 7.15 min Scan# 1729

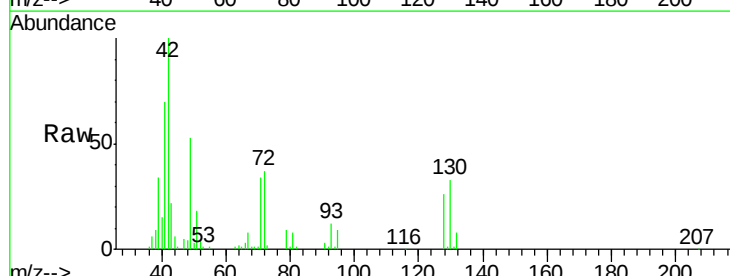
Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Tgt Ion: 49 Resp: 60288

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	61.1	51.4	77.2

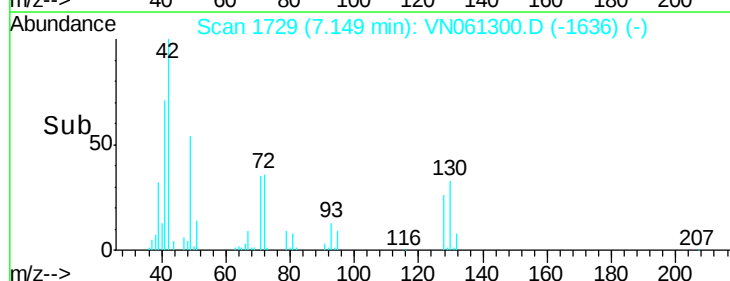
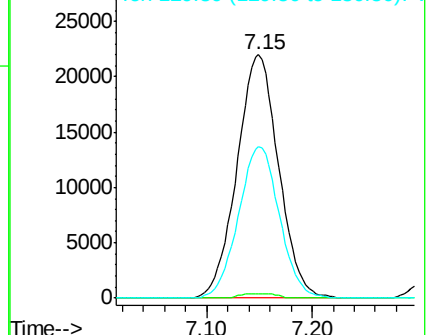


Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0

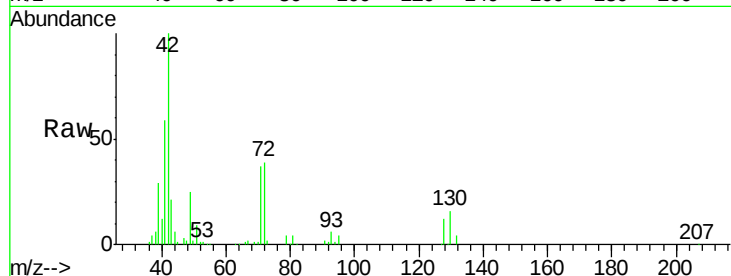




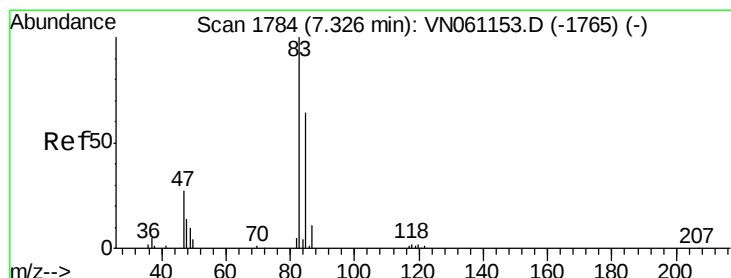
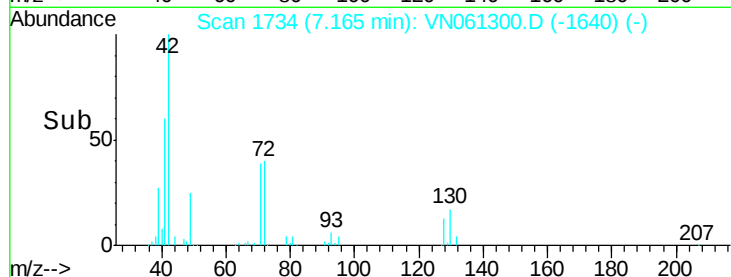
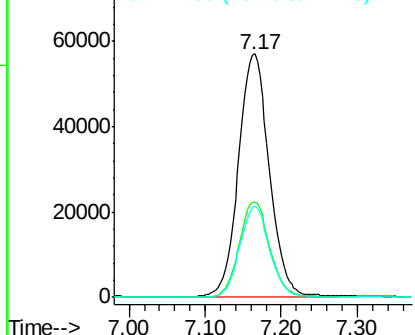
#29
Tetrahydrofuran
Concen: 244.051 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 161898
Ion Ratio Lower Upper
42 100
72 38.8 31.4 47.0
71 36.0 29.5 44.3

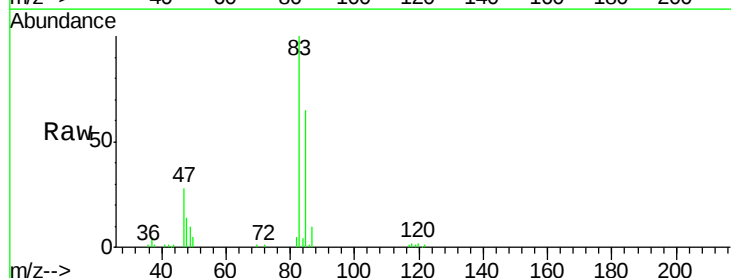


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

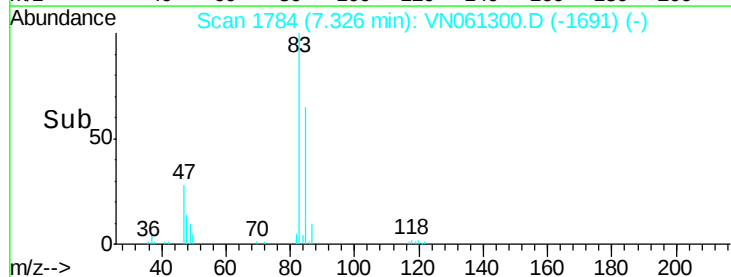
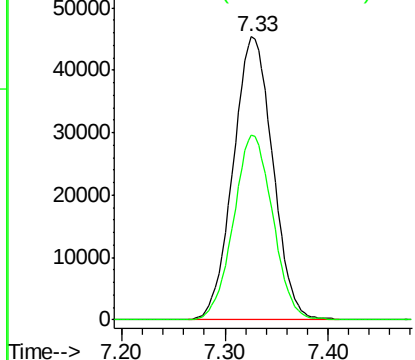


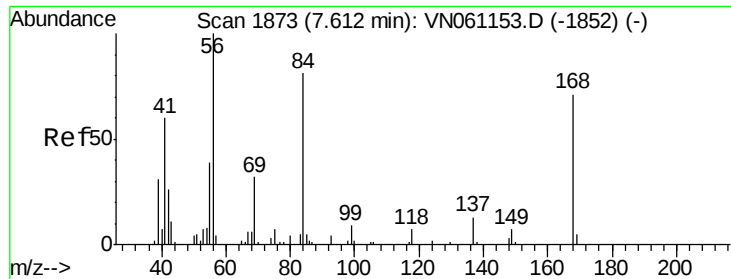
#30
Chloroform
Concen: 47.946 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 83 Resp: 121131
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 43.382 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :

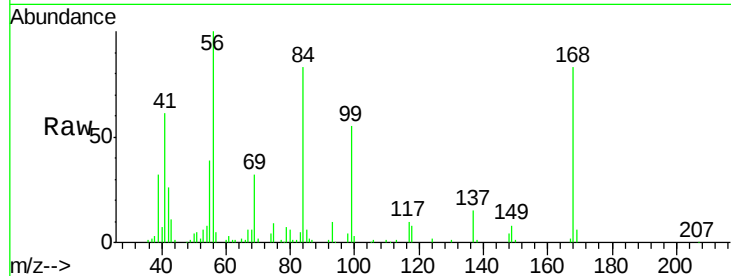
Tot Ion: 56 Resp: 105033

Ion Ratio Lower Upper

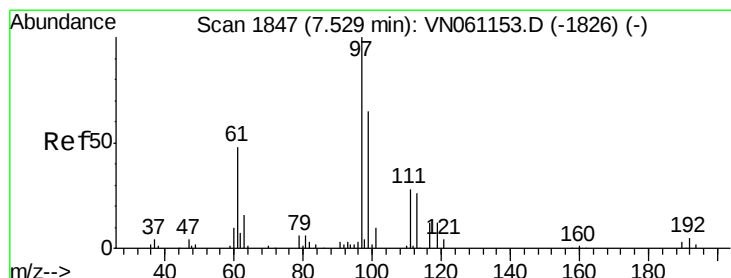
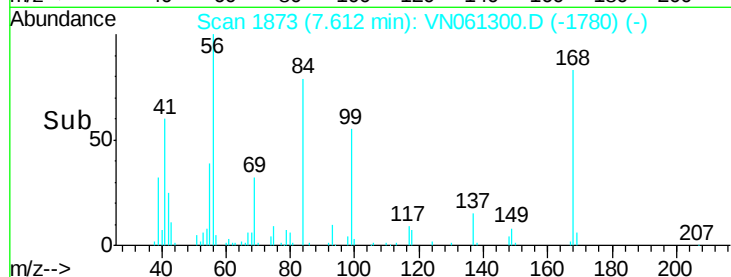
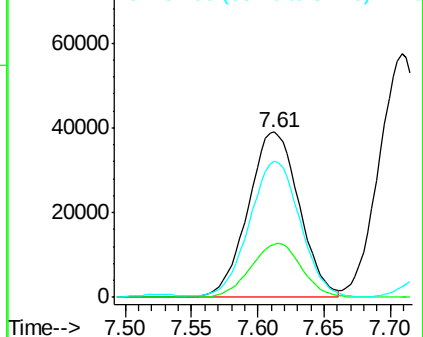
56 100

69 32.2 25.7 38.5

84 81.9 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.646 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

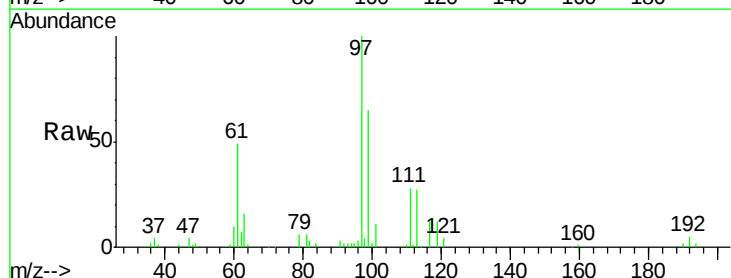
Tgt Ion: 97 Resp: 107020

Ion Ratio Lower Upper

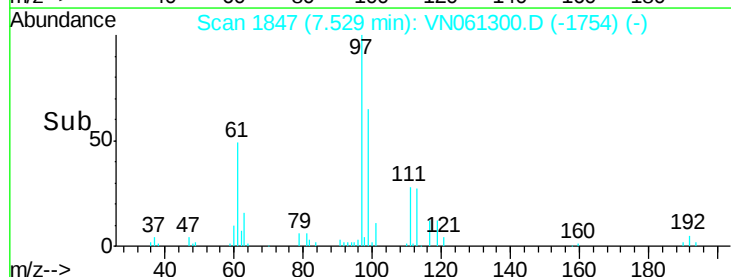
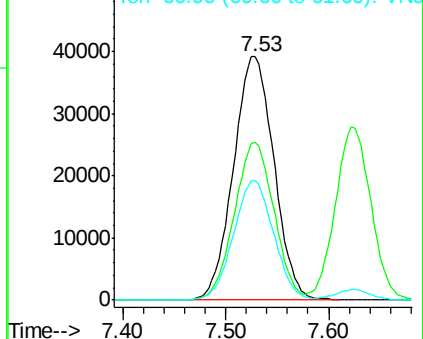
97 100

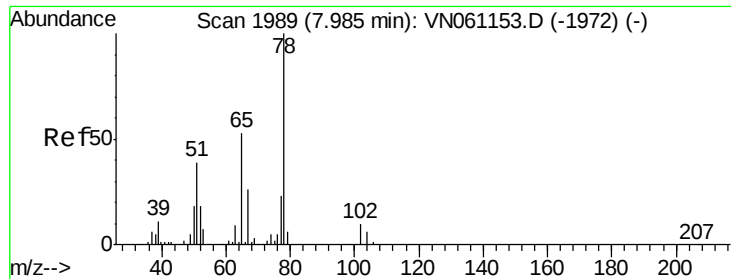
99 63.5 51.3 76.9

61 48.6 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

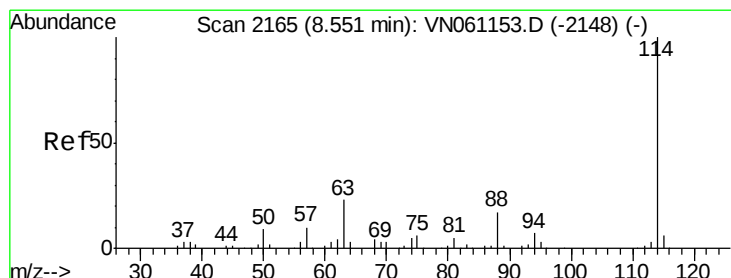
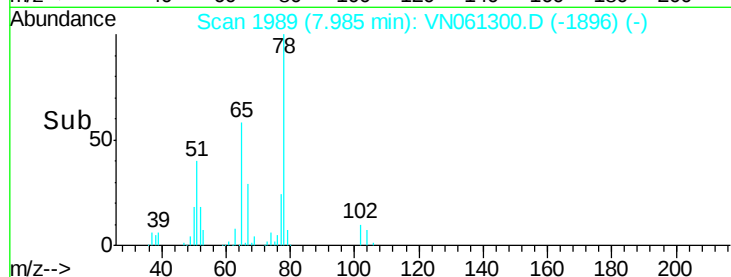
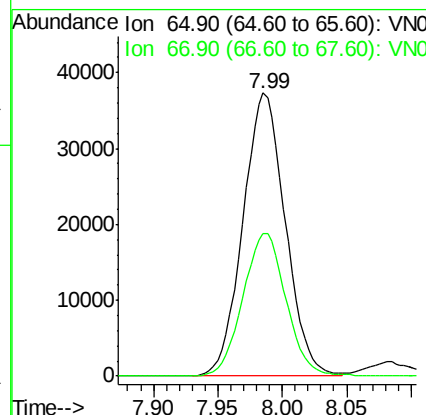
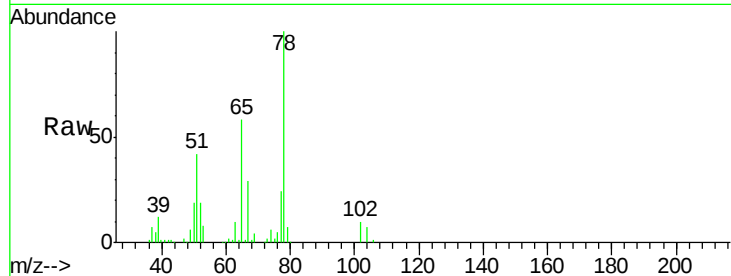




#33
 1,2-Dichloroethane-d4
 Concen: 51.294 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

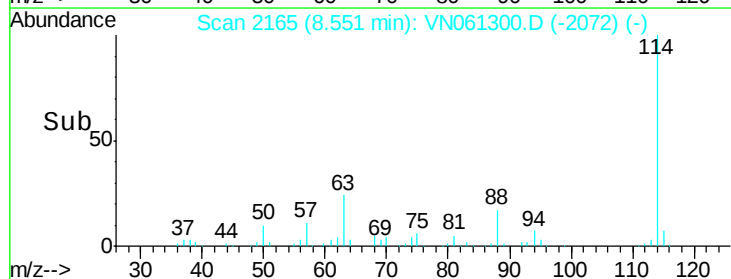
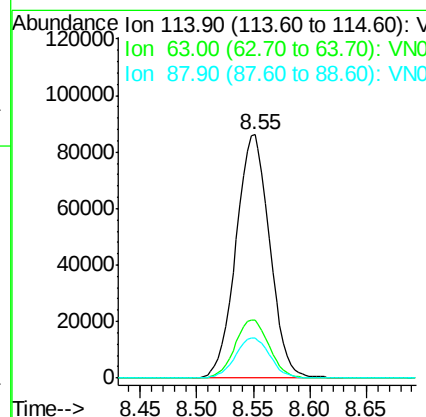
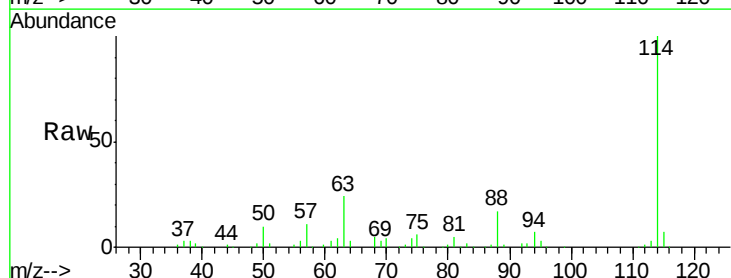
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 85366
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion: 114 Resp: 179157
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.6
 88 16.5 0.0 33.4

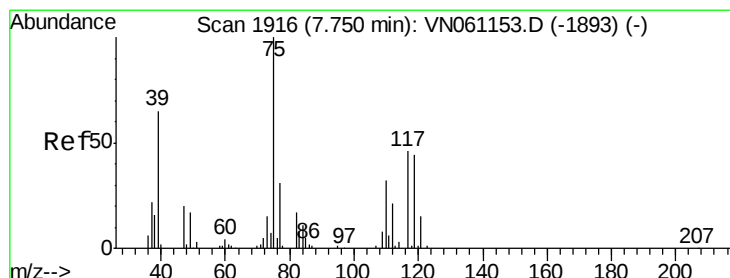
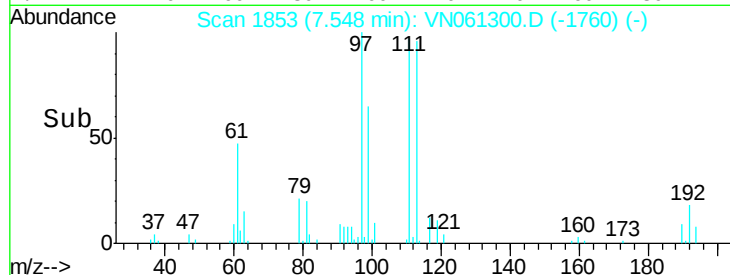
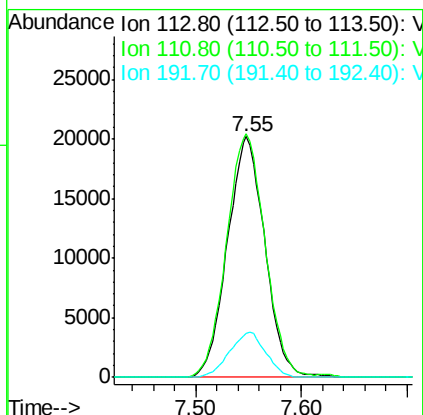
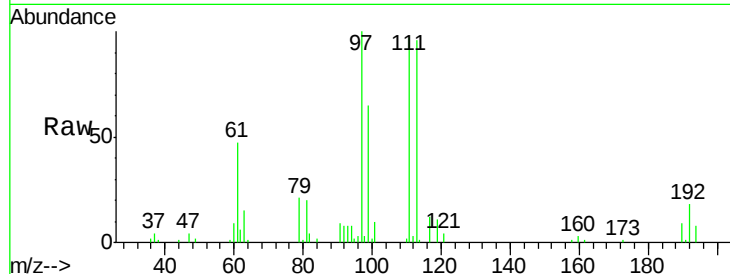




#35
 Dibromofluoromethane
 Concen: 46.880 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

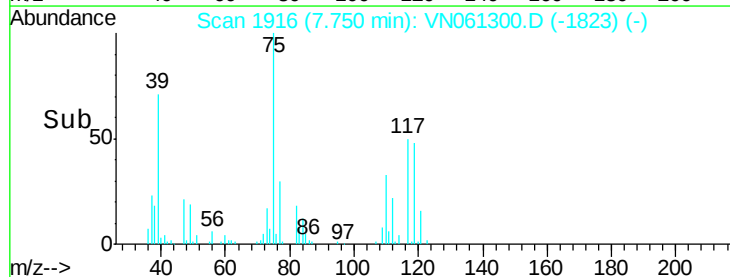
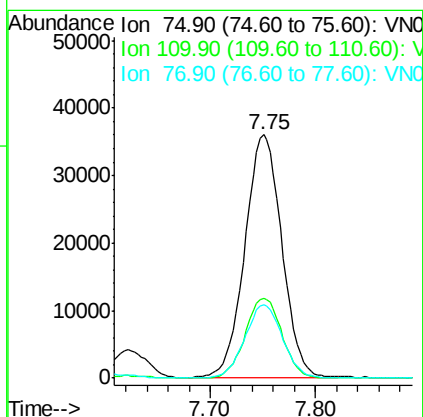
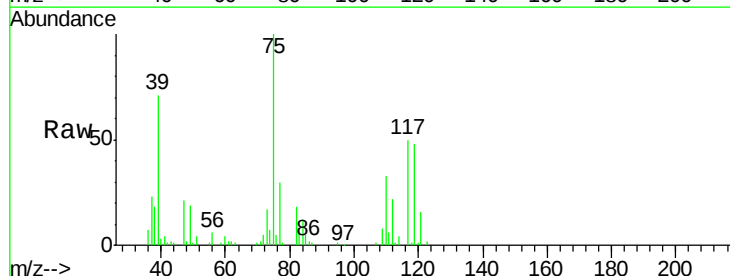
Instrument :
 MSVOA_N
 ClientSampleId :

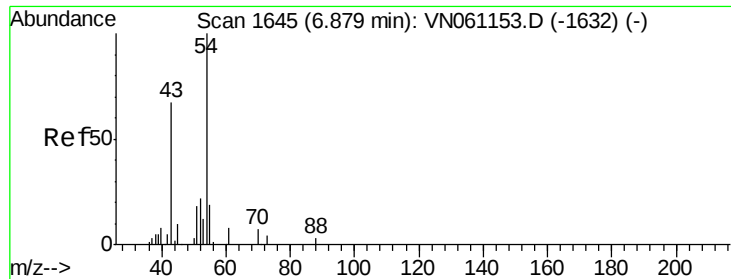
Tot Ion:113 Resp: 49665
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 18.1 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 49.262 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion: 75 Resp: 88348
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.0 48.0
 77 30.5 24.6 37.0

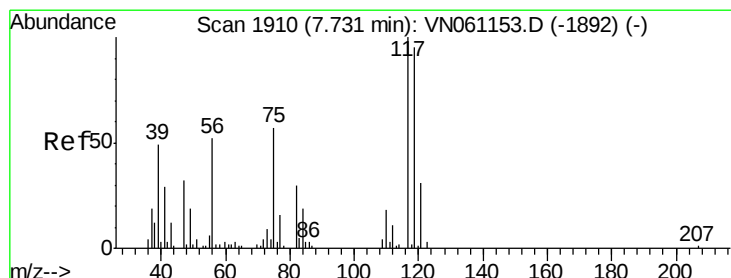
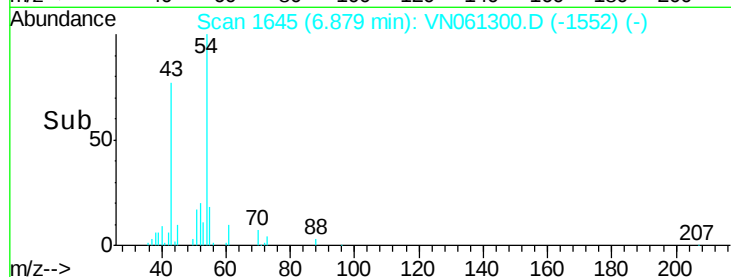
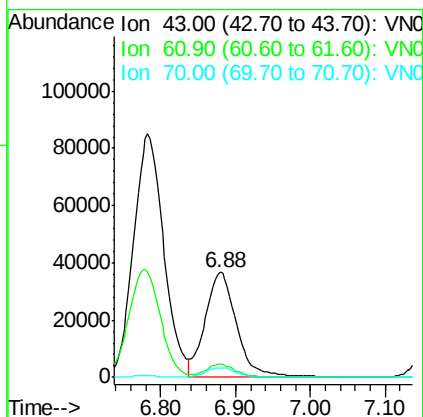
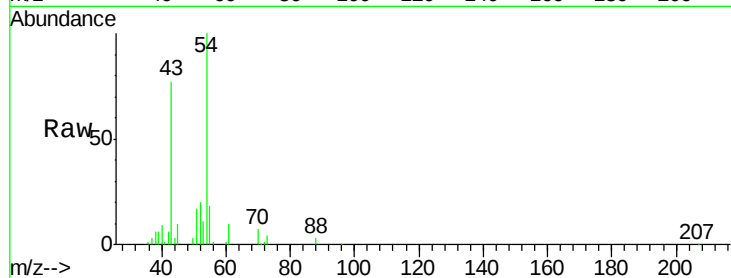




#37
Ethyl Acetate
Concen: 50.315 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

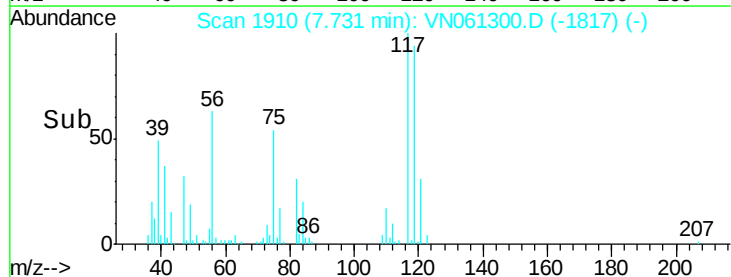
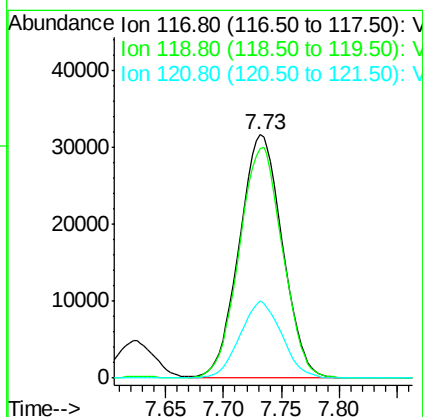
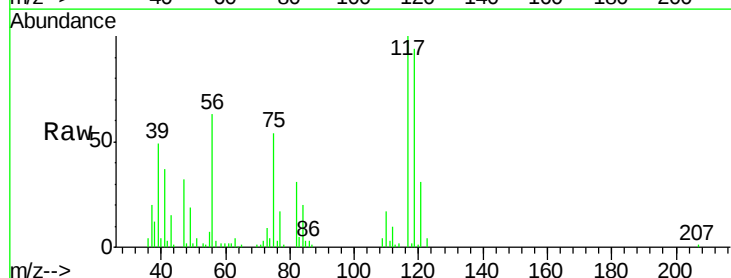
Instrument :
MSVOA_N
ClientSampleId :

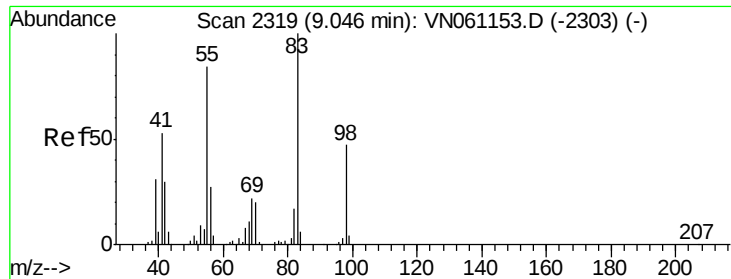
Tot Ion: 43 Resp: 105788
Ion Ratio Lower Upper
43 100
61 12.1 10.2 15.2
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.273 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 117 Resp: 82284
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
121 31.5 24.7 37.1

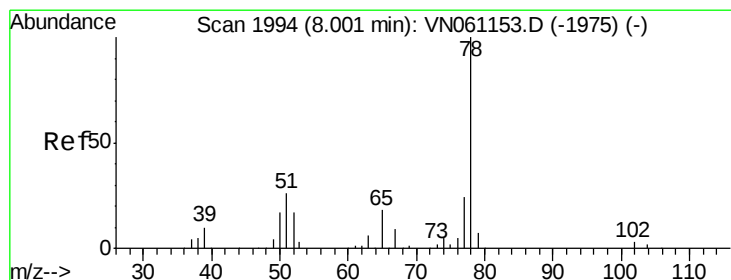
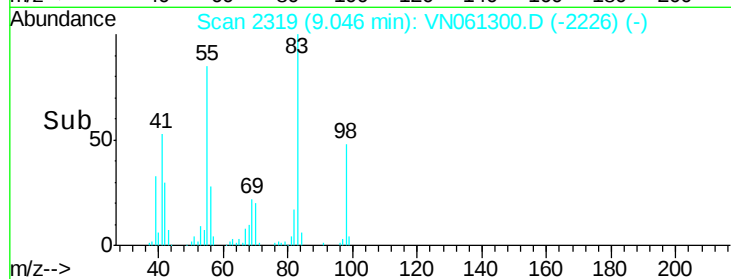
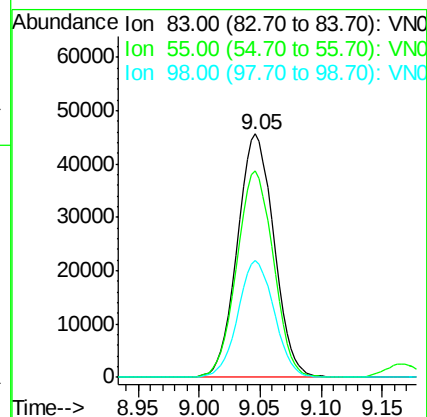
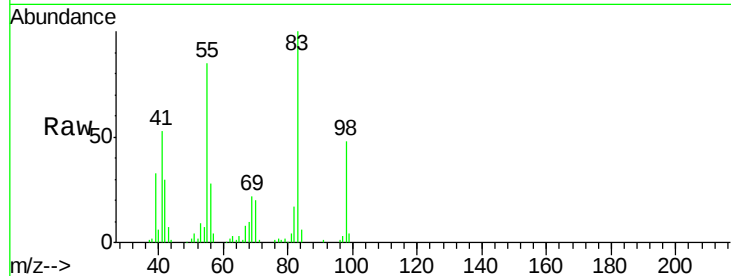




#39
Methvlcvclohexane
Concen: 47.176 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

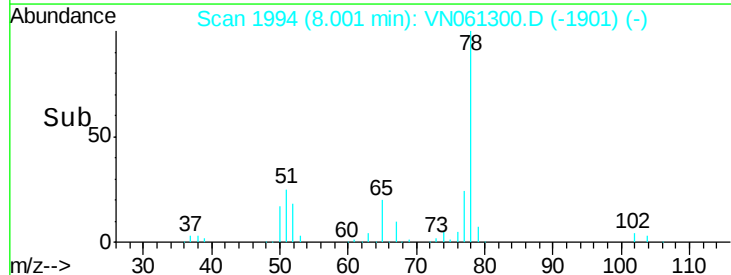
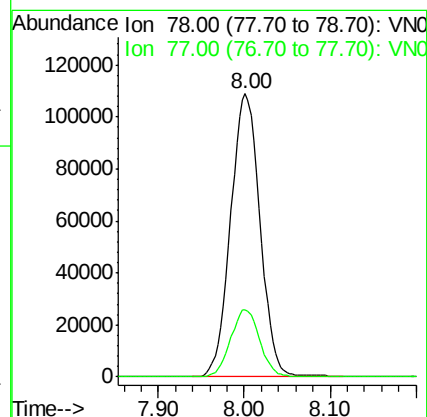
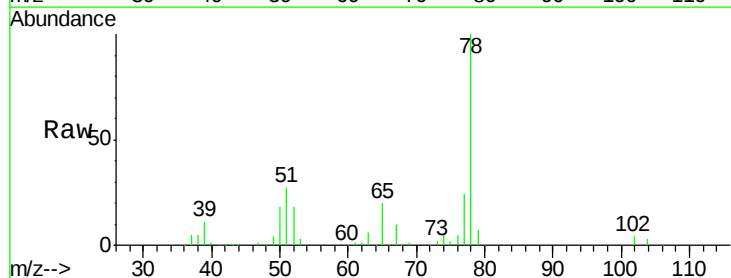
Instrument :
MSVOA_N
ClientSampleId :

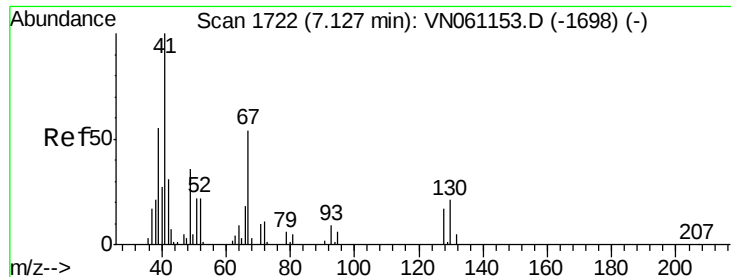
Tot Ion: 83 Resp: 94884
Ion Ratio Lower Upper
83 100
55 85.0 67.3 100.9
98 47.9 37.7 56.5



#40
Benzene
Concen: 48.488 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 78 Resp: 259076
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

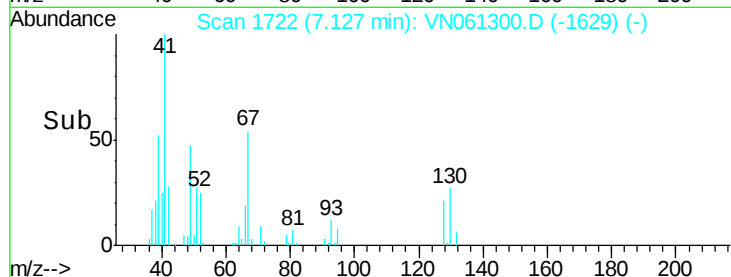
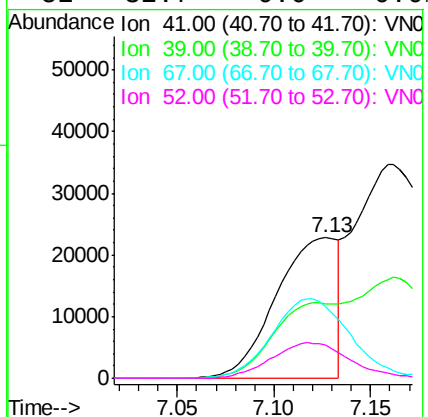
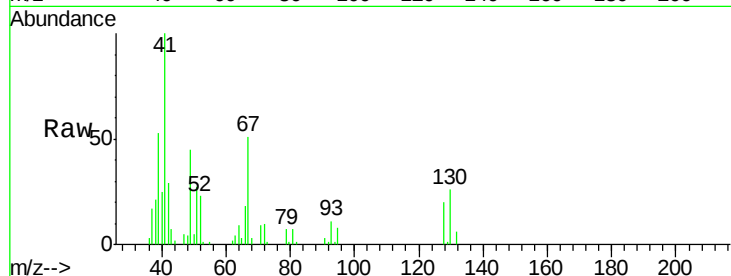




#41
Methacrylonitrile
Concen: 57.753 ug/l
RT: 7.13 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

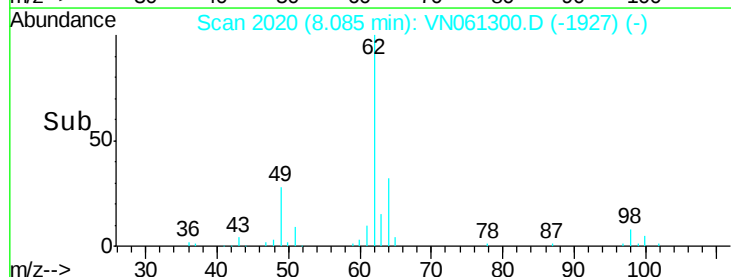
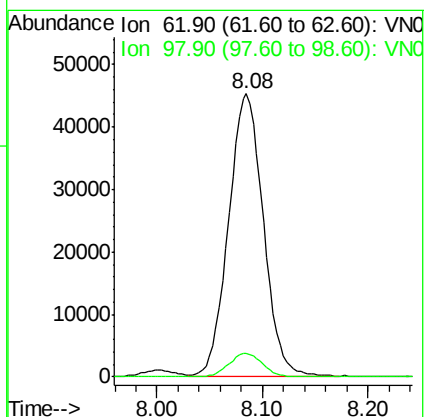
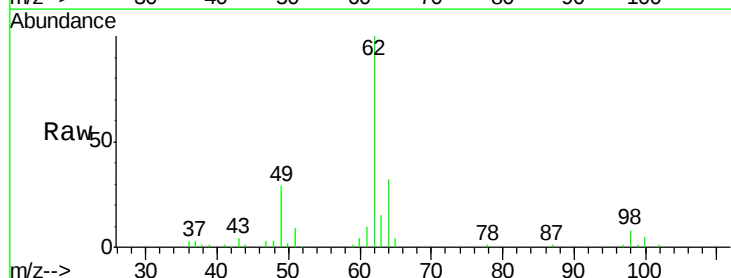
Instrument :
MSVOA_N
ClientSampled :

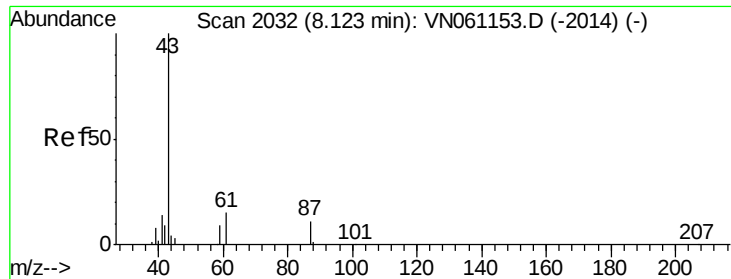
Tot Ion: 41 Resp: 50416
Ion Ratio Lower Upper
41 100
39 51.1 0.0 0.0#
67 71.8 0.0 0.0#
52 32.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.998 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 62 Resp: 103229
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.8





#43

Isopropyl Acetate

Concen: 49.962 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampled :

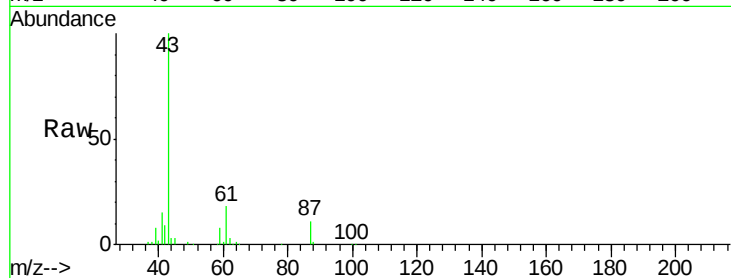
Tot Ion: 43 Resp: 174337

Ion Ratio Lower Upper

43 100

61 24.0 19.5 29.3

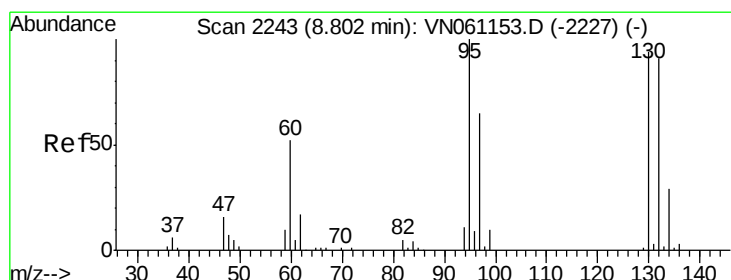
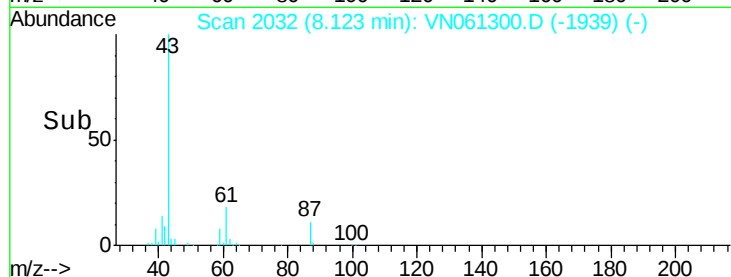
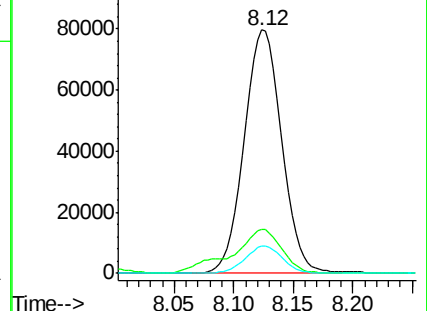
87 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 44.832 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061300.D

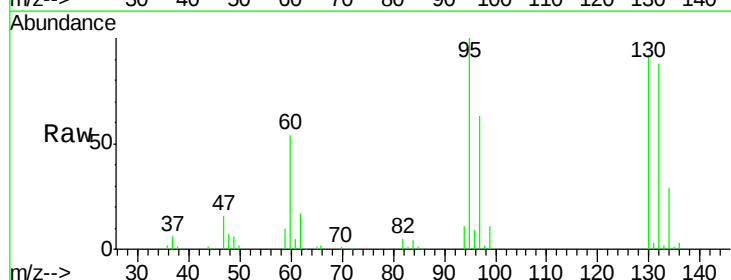
Acq: 5 May 2020 18:24

Tgt Ion: 130 Resp: 64755

Ion Ratio Lower Upper

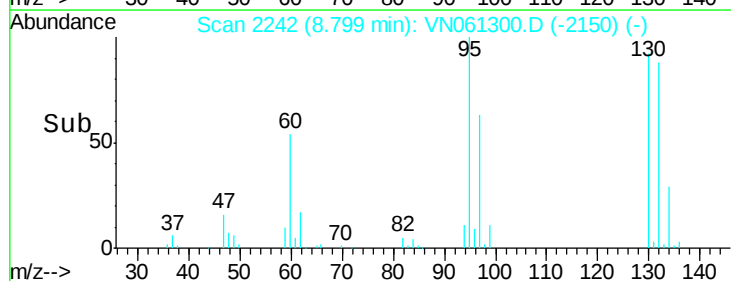
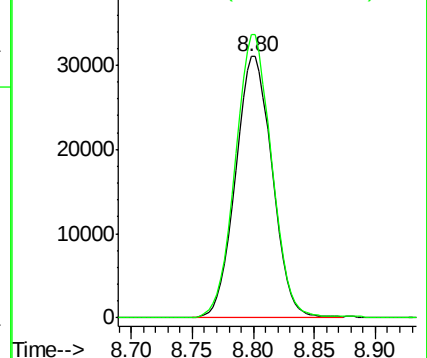
130 100

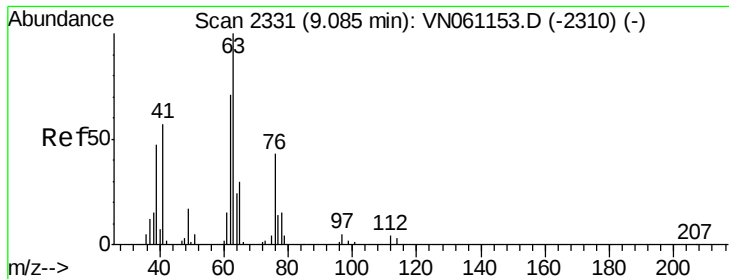
95 108.2 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 49.439 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

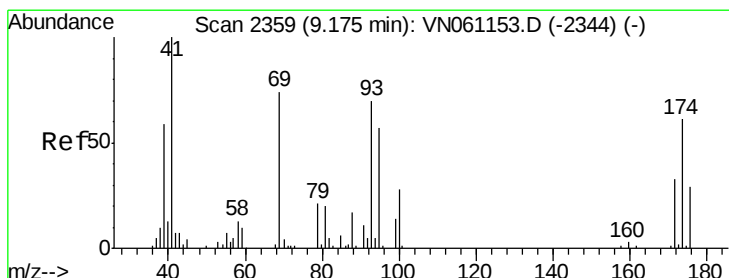
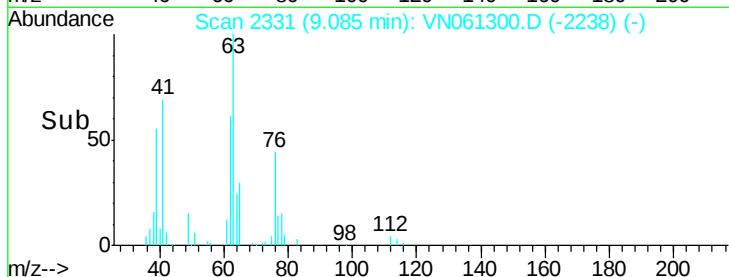
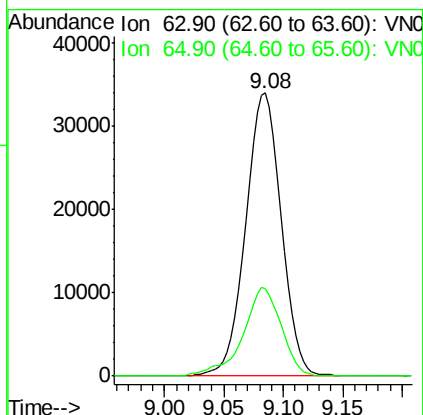
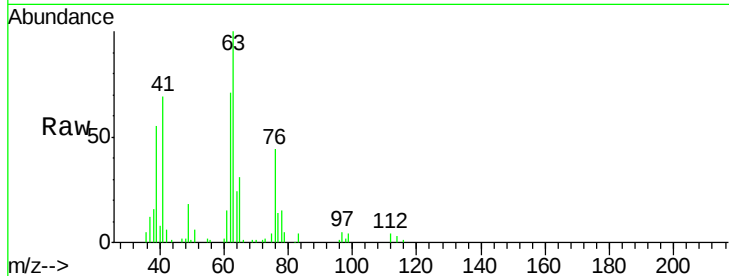
ClientSampleId :

Tot Ion: 63 Resp: 70573

Ion Ratio Lower Upper

63 100

65 31.0 24.7 37.1



#46

Dibromomethane

Concen: 50.868 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

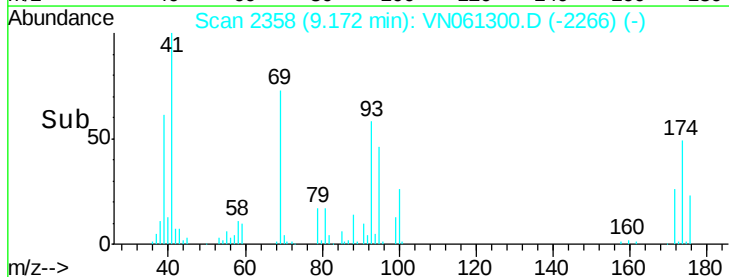
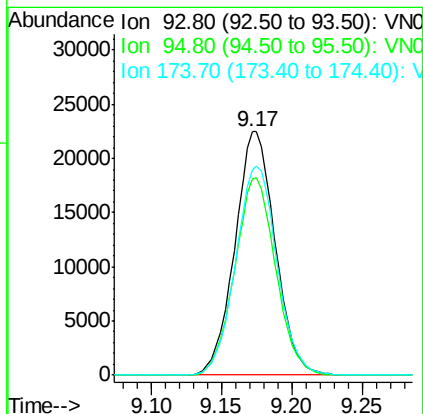
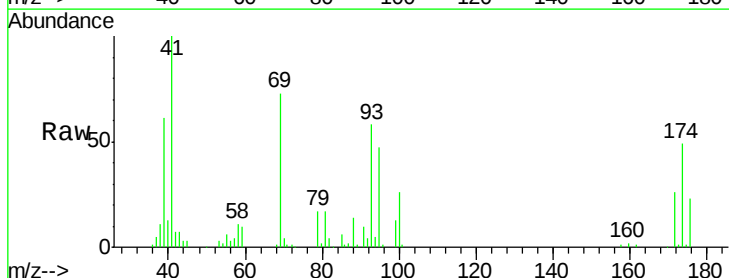
Tgt Ion: 93 Resp: 44959

Ion Ratio Lower Upper

93 100

95 81.9 66.6 99.8

174 88.0 70.2 105.2





#47

Bromodichloromethane

Concen: 51.466 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

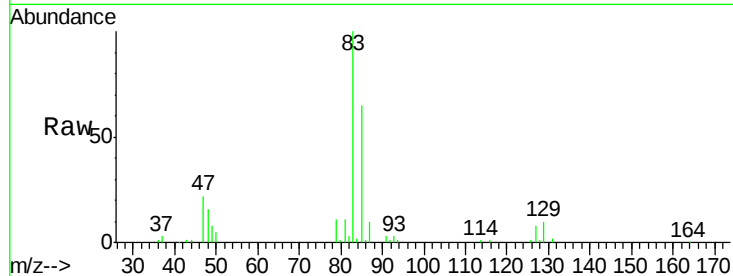
Tot Ion: 83 Resp: 97635

Ion Ratio Lower Upper

83 100

85 64.6 50.4 75.6

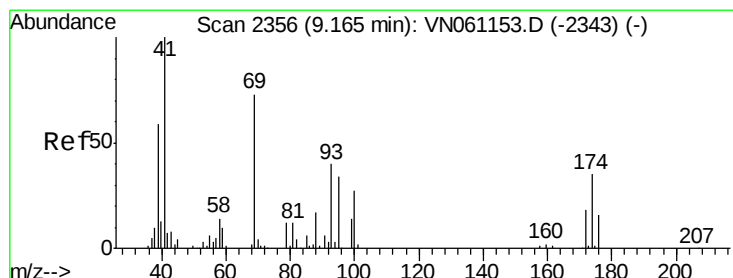
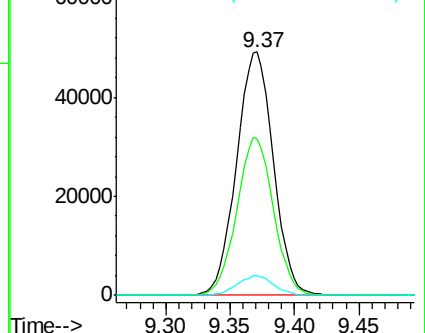
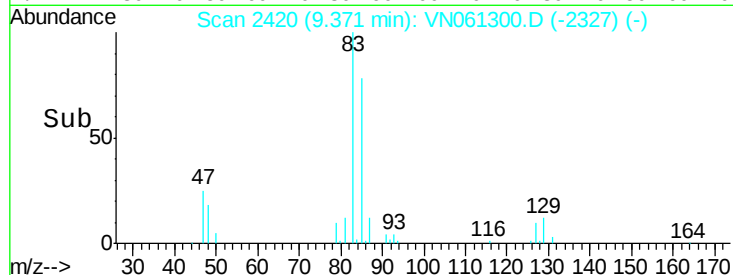
127 8.0 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061300.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061300.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061300.D (-2327) (-)



#48

Methyl methacrylate

Concen: 52.427 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

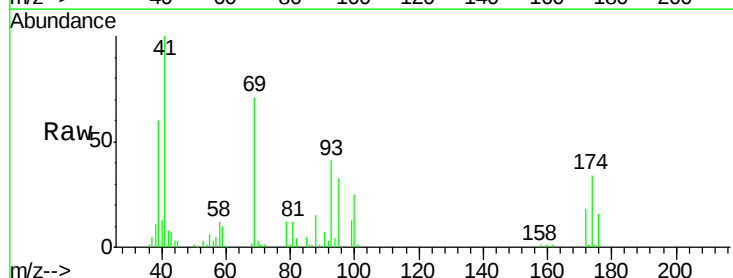
Tgt Ion: 41 Resp: 82550

Ion Ratio Lower Upper

41 100

69 72.1 60.3 90.5

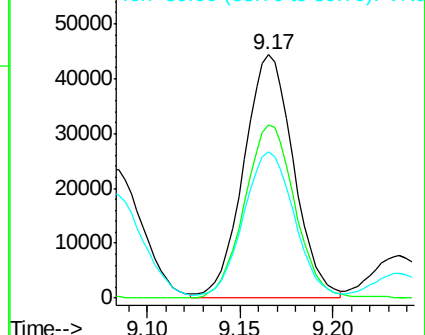
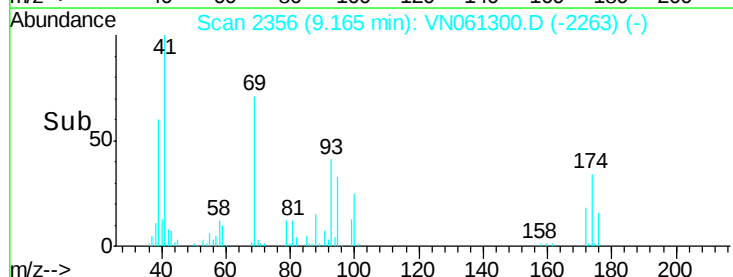
39 61.4 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061300.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061300.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061300.D (-2263) (-)

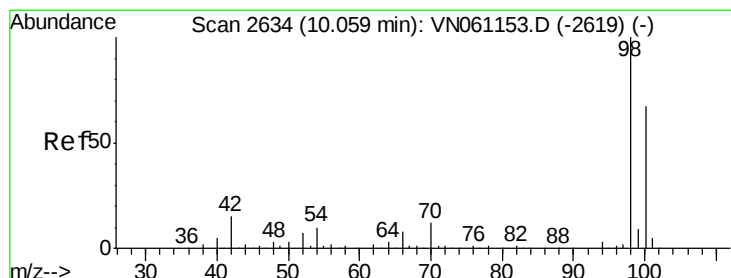
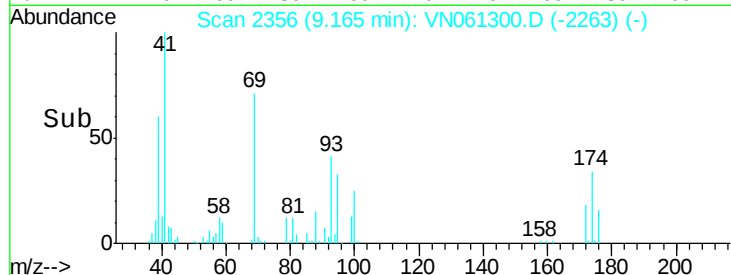
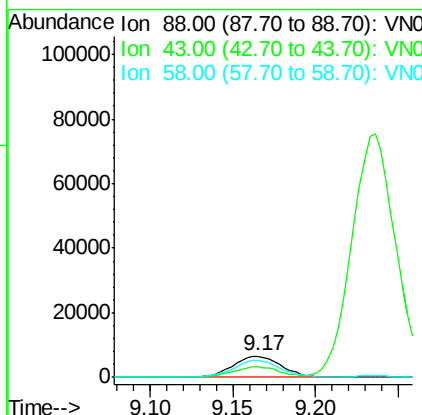
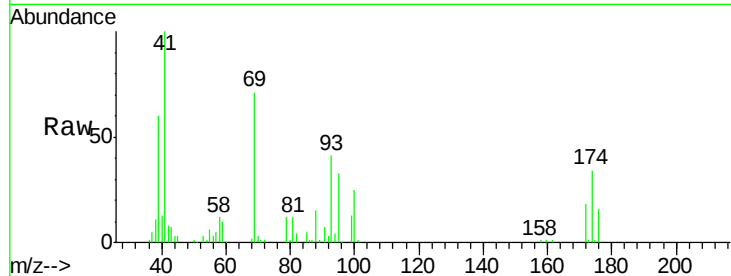




#49
1,4-Dioxane
Concen: 744.289 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

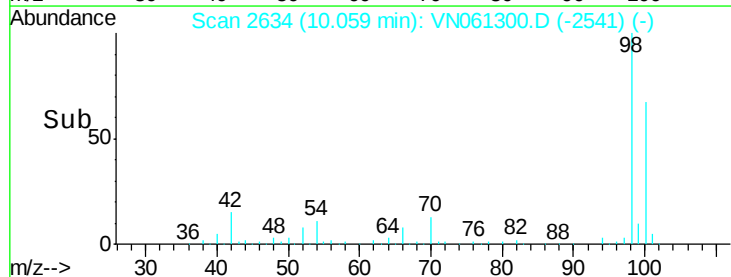
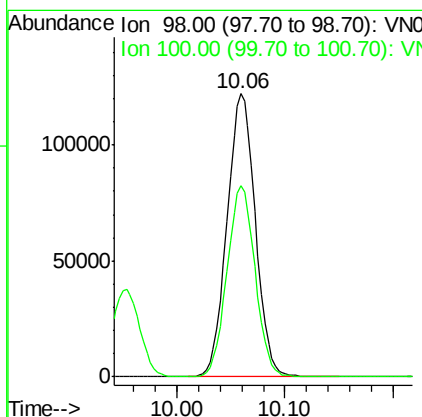
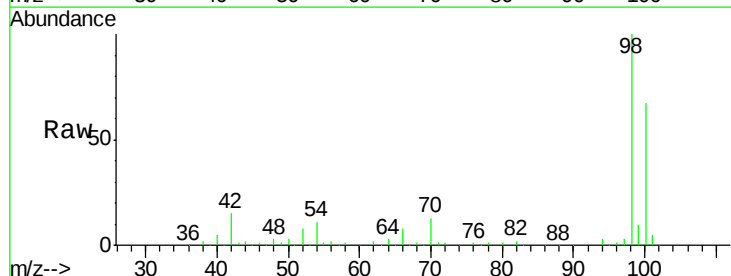
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 13303
Ion Ratio Lower Upper
88 100
43 49.0 35.3 52.9
58 77.5 61.5 92.3



#50
Toluene-d8
Concen: 51.762 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 98 Resp: 223541
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0

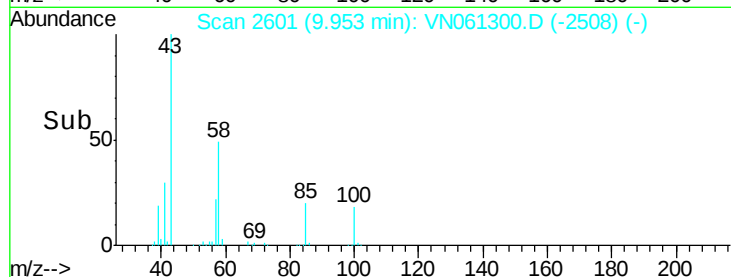
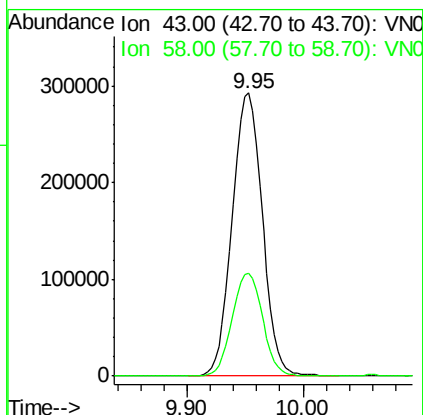
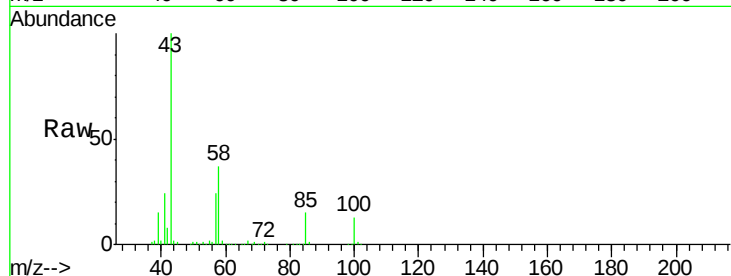




#51
 4-Methyl-2-Pentanone
 Concen: 257.146 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

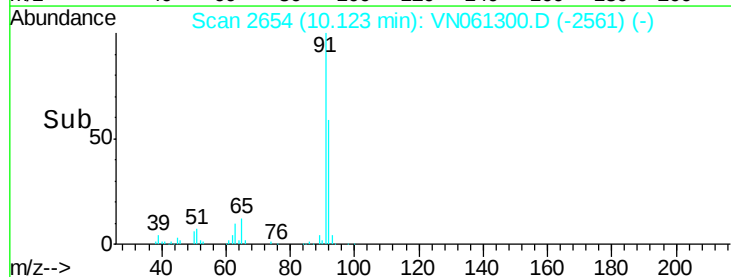
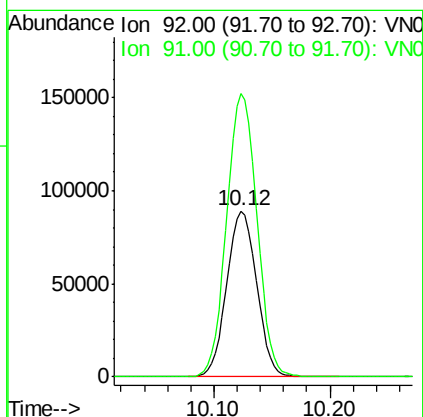
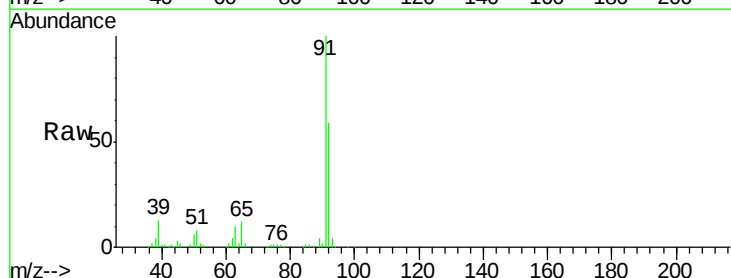
Instrument :
 MSVOA_N
 ClientSampled :

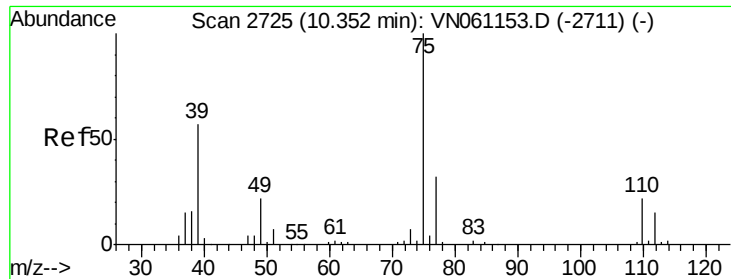
Tot Ion: 43 Resp: 528150
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.1 43.7



#52
 Toluene
 Concen: 49.563 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion: 92 Resp: 159508
 Ion Ratio Lower Upper
 92 100
 91 172.5 136.2 204.2

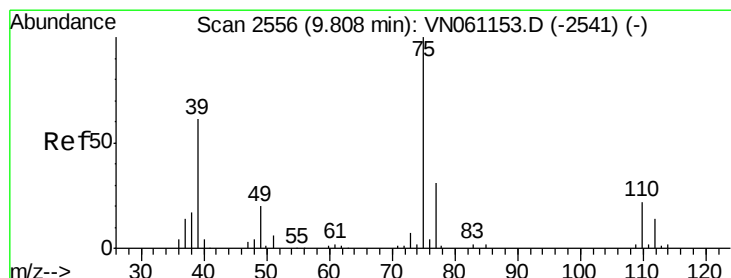
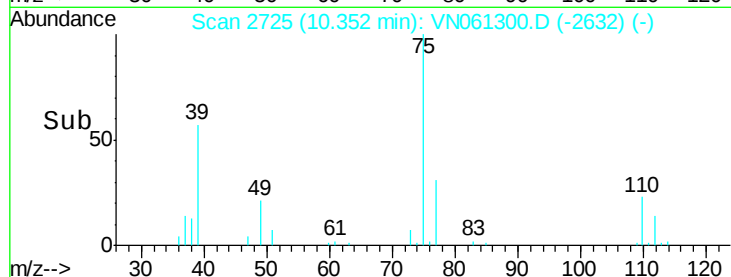
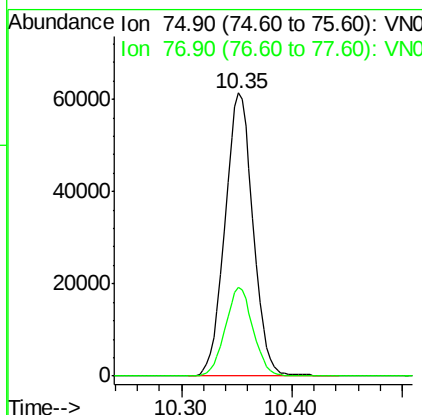
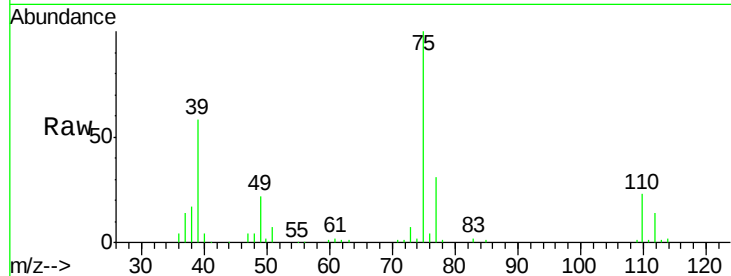




#53
t-1,3-Dichloropropene
Concen: 50.574 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

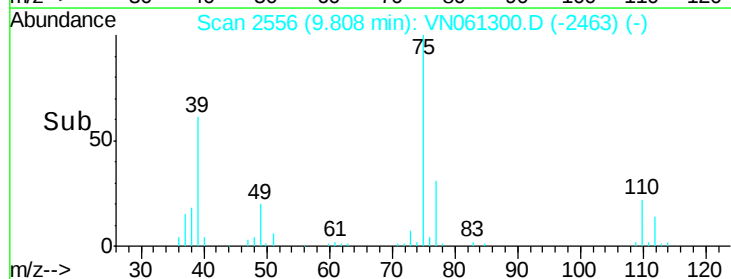
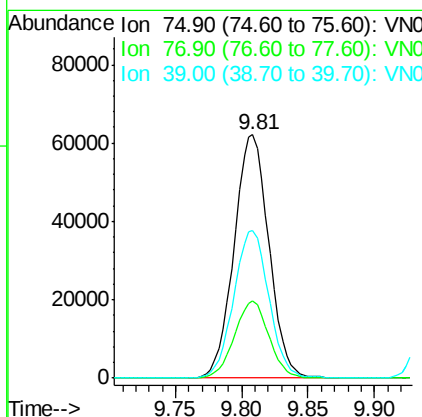
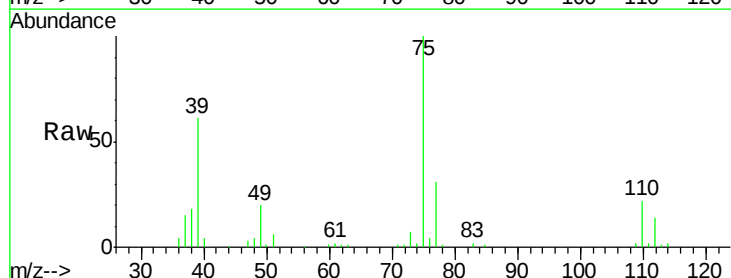
Instrument :
MSVOA_N
ClientSampleId :

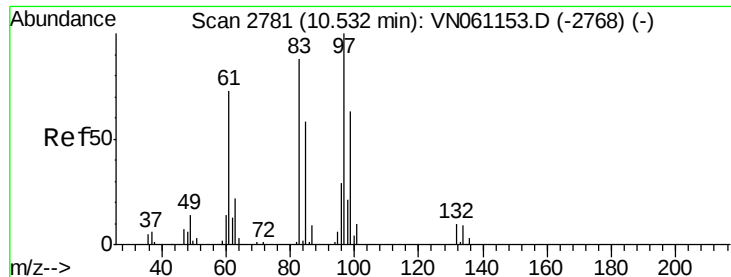
Tot Ion: 75 Resp: 108106
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.184 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 75 Resp: 113410
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 60.9 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 49.851 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 63994

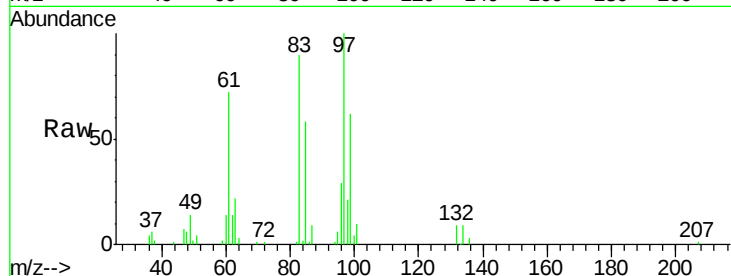
Ion Ratio Lower Upper

97 100

83 90.0 70.6 106.0

85 57.9 46.4 69.6

99 62.4 50.6 75.8

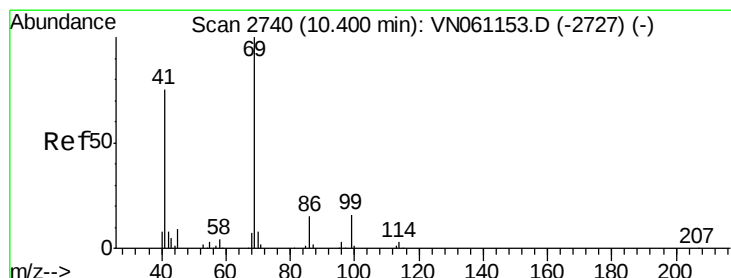
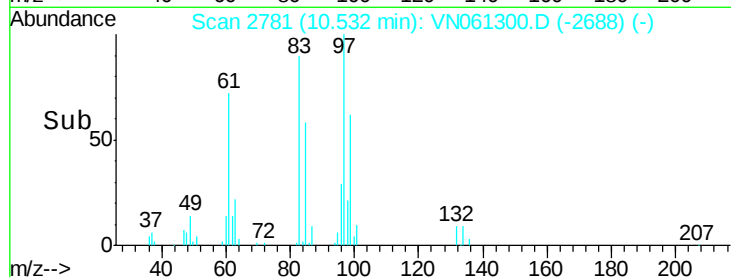
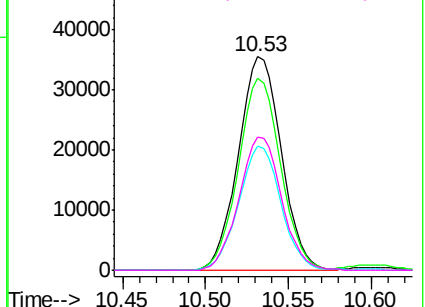


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 46.493 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

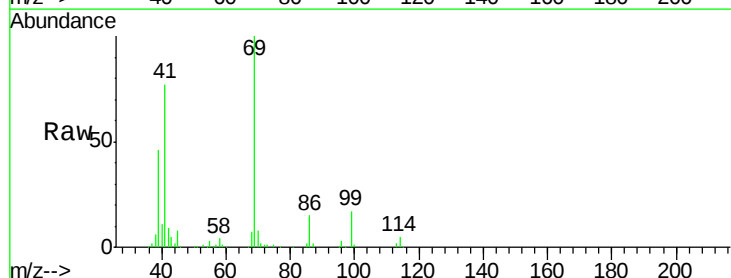
Tgt Ion: 69 Resp: 103550

Ion Ratio Lower Upper

69 100

41 76.3 60.3 90.5

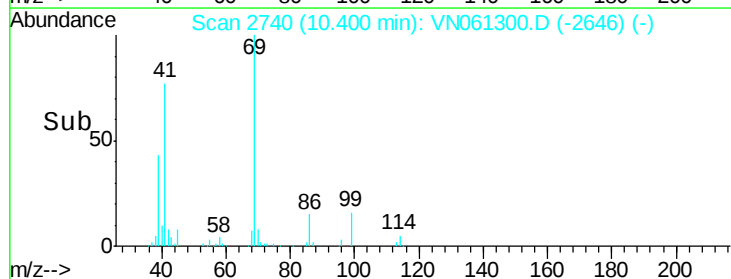
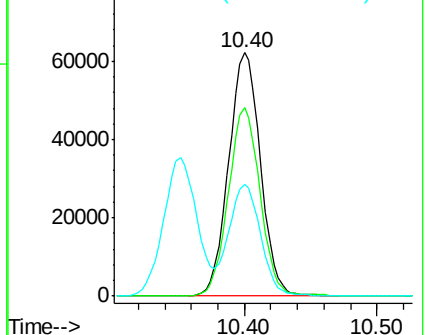
39 45.7 35.9 53.9

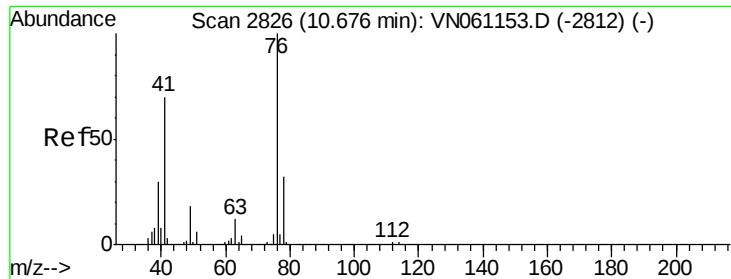


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

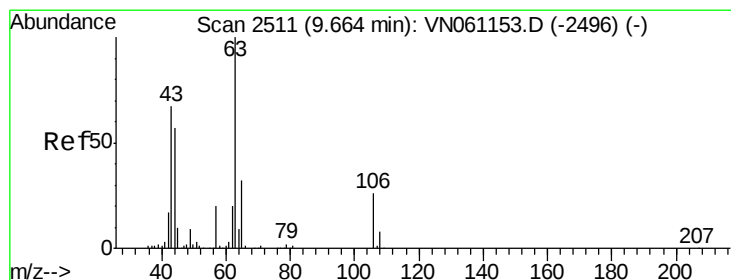
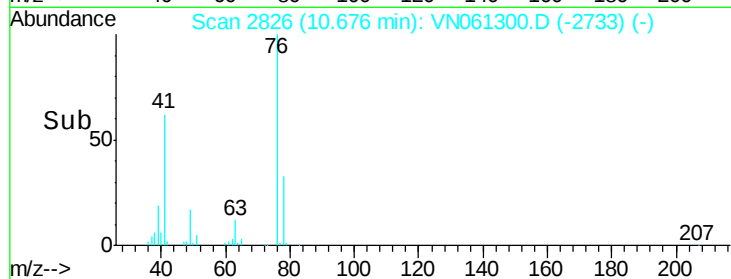
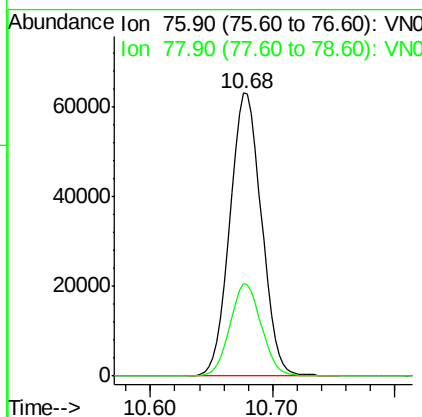
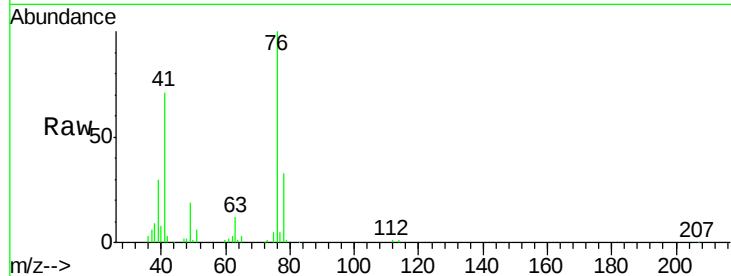




#57
 1,3-Dichloropropane
 Concen: 50.621 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

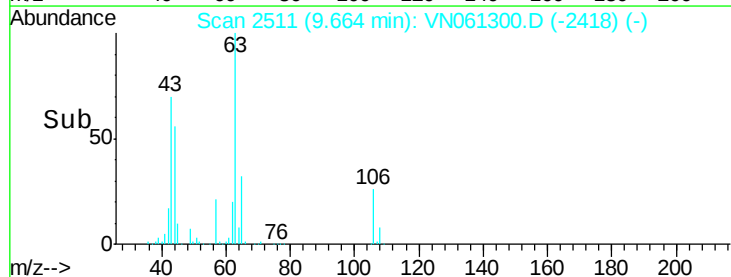
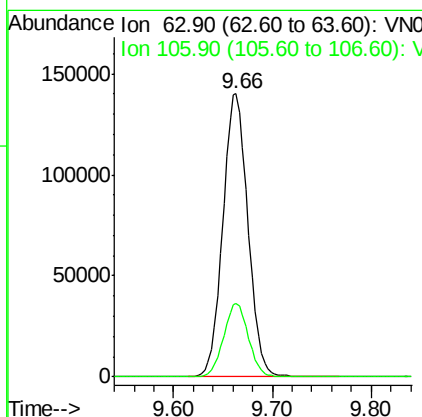
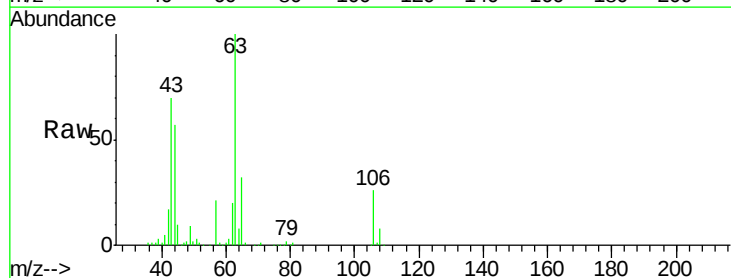
Instrument :
 MSVOA_N
 ClientSampled :

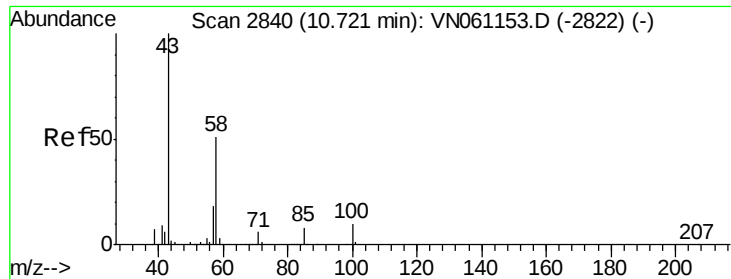
Tot Ion: 76 Resp: 114221
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.018 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion: 63 Resp: 250438
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.6 30.8

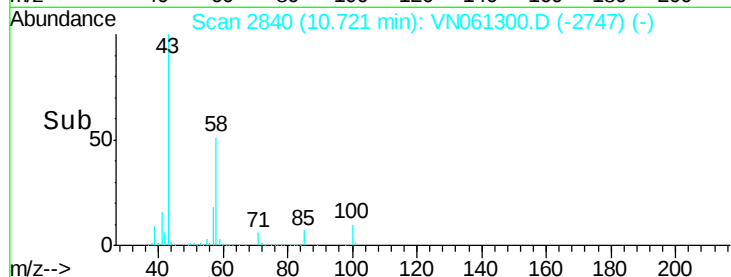
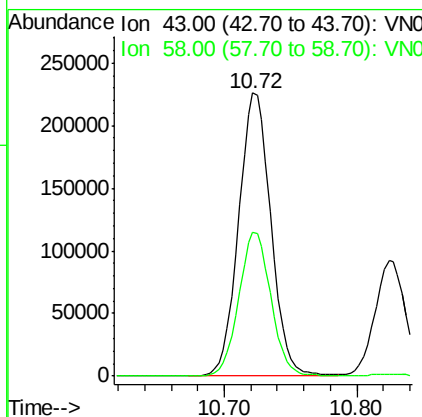
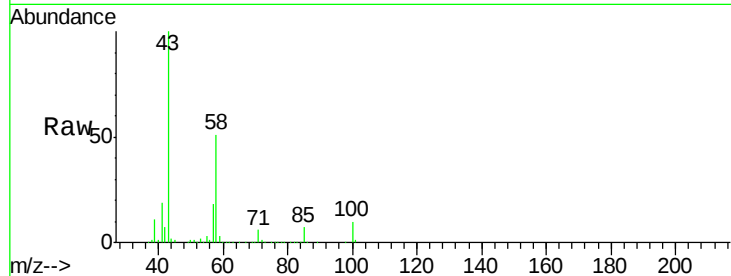




#59
2-Hexanone
Concen: 255.917 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

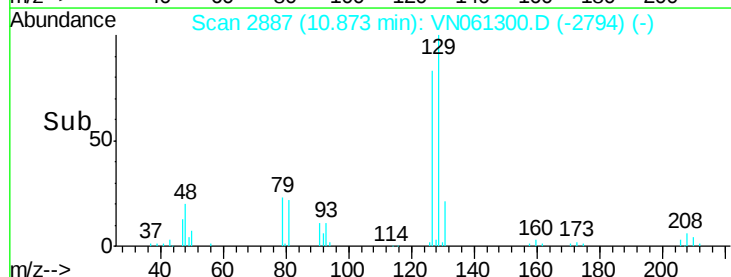
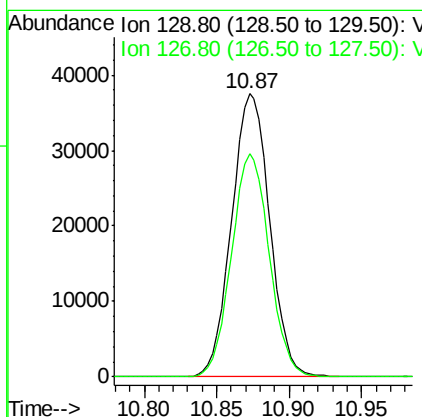
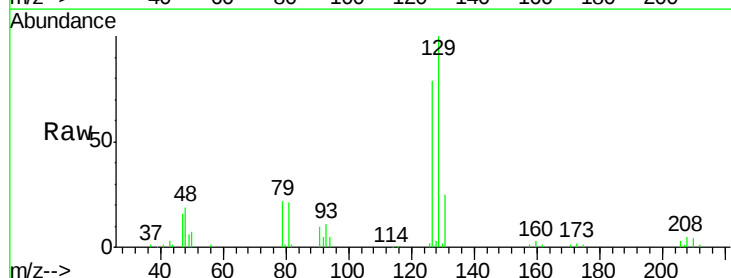
Instrument :
MSVOA_N
ClientSampled :

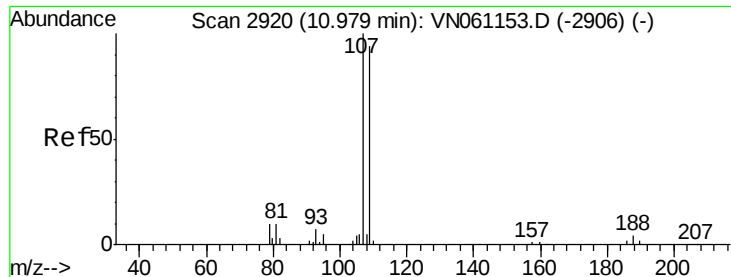
Tot Ion: 43 Resp: 382404
Ion Ratio Lower Upper
43 100
58 50.6 25.4 76.4



#60
Dibromochloromethane
Concen: 50.924 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 129 Resp: 68466
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.8

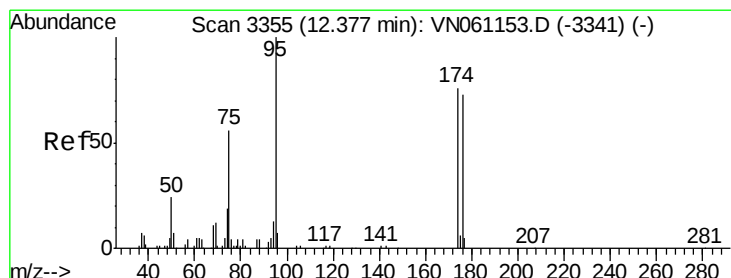
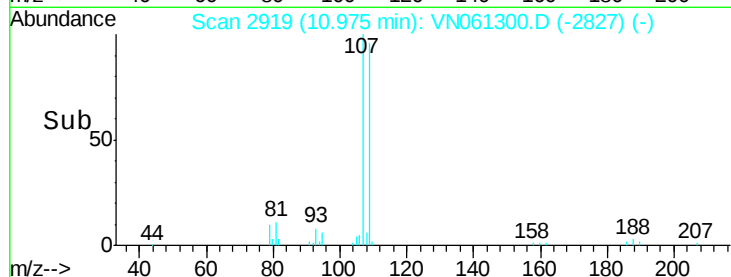
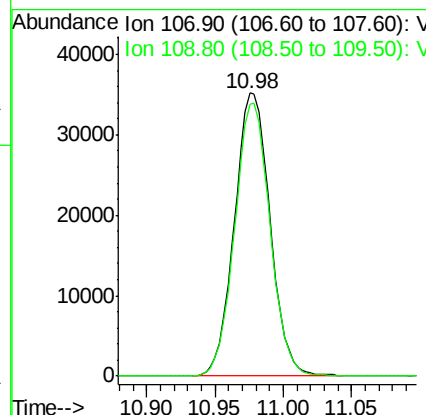
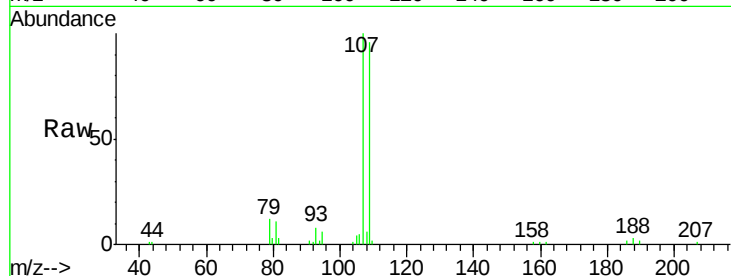




#61
 1,2-Dibromoethane
 Concen: 49.685 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

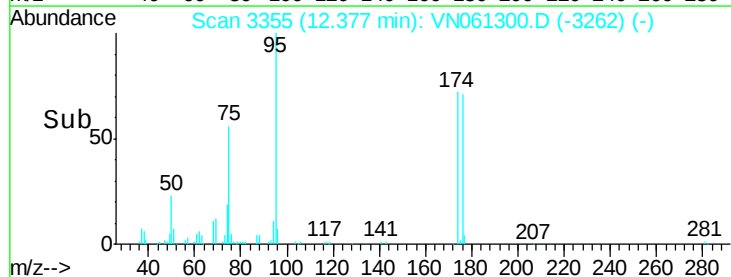
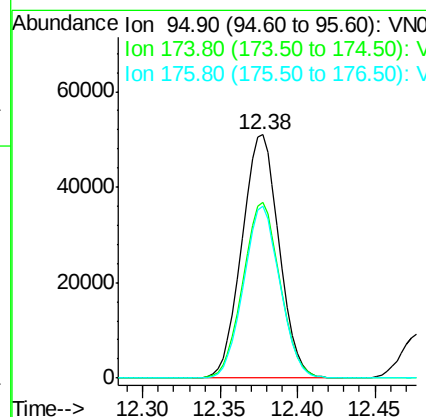
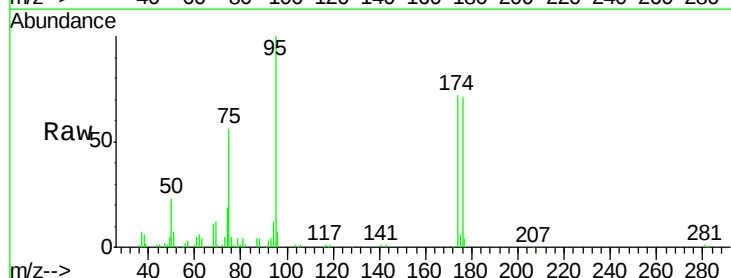
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 63927
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 52.498 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion: 95 Resp: 85318
 Ion Ratio Lower Upper
 95 100
 174 72.0 0.0 149.4
 176 69.0 0.0 144.8

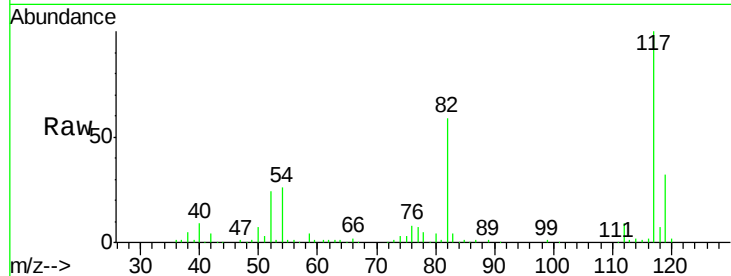




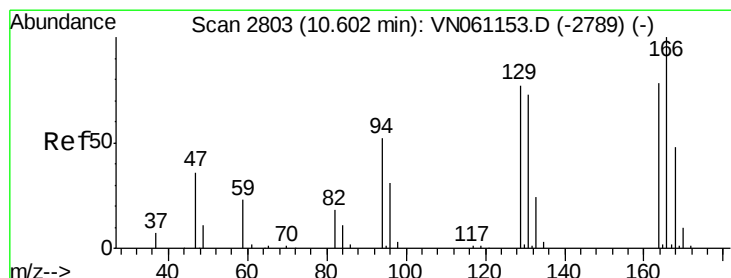
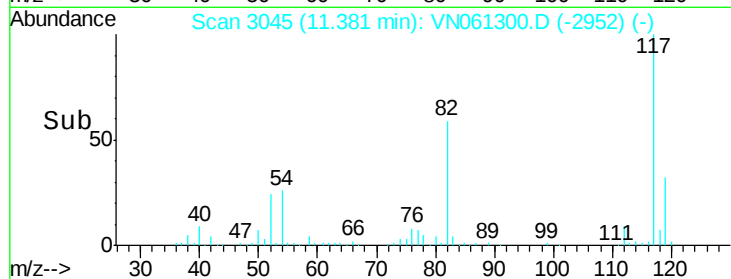
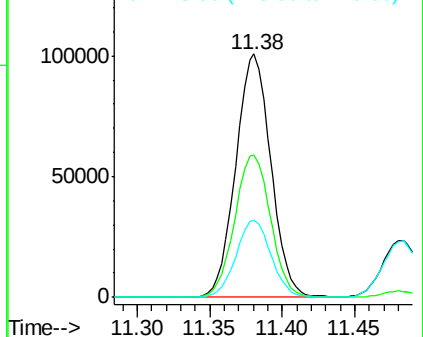
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 169827
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 31.9 25.8 38.6



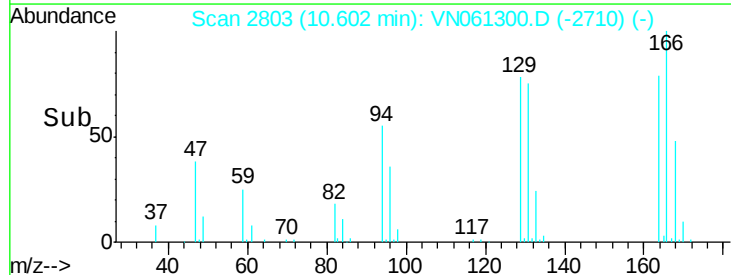
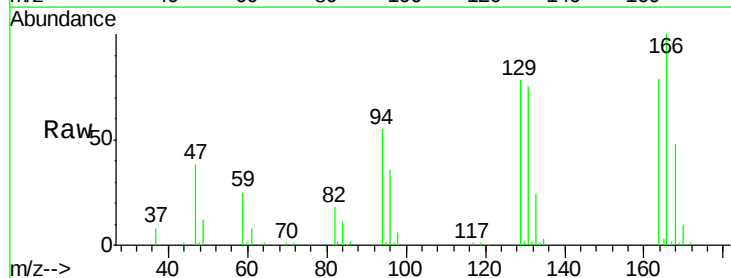
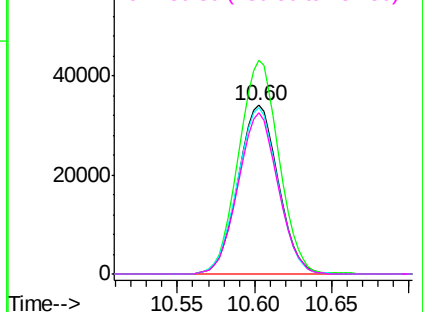
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

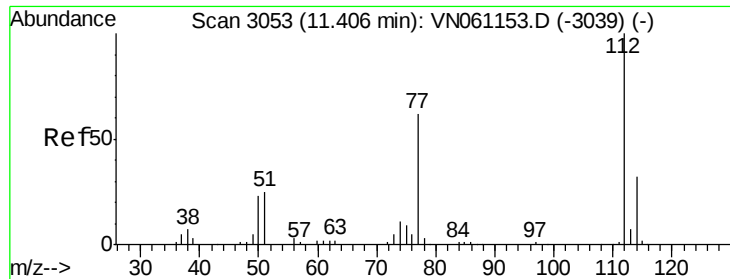


#64
Tetrachloroethene
Concen: 41.779 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion:164 Resp: 61452
Ion Ratio Lower Upper
164 100
166 126.6 102.0 153.0
129 98.4 78.2 117.2
131 95.3 74.5 111.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

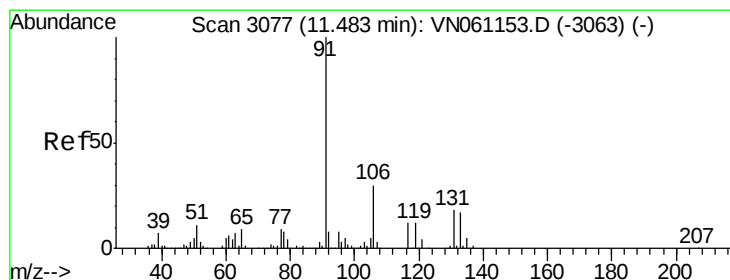
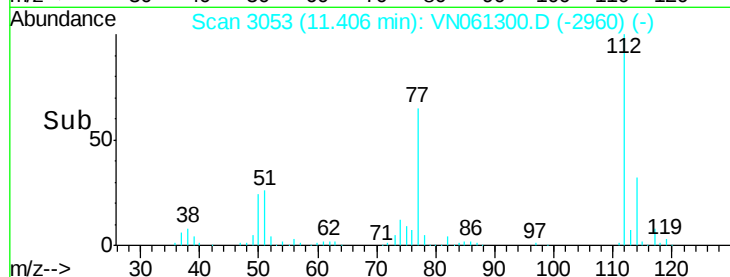
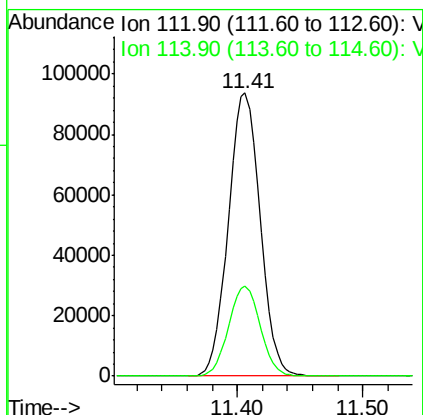
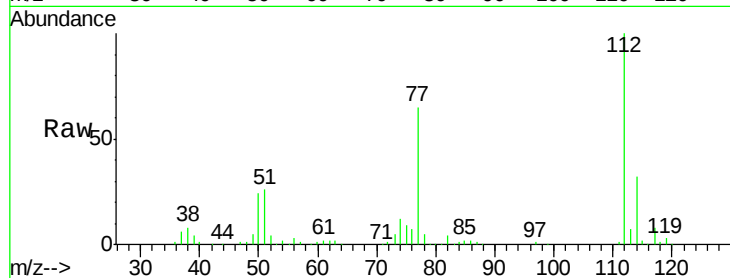




#65
Chlorobenzene
Concen: 49.062 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

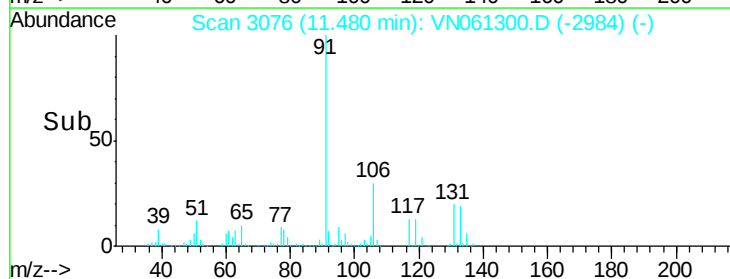
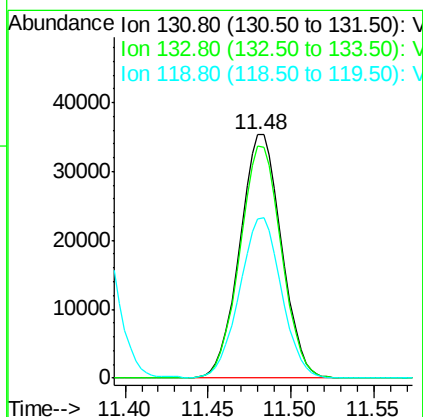
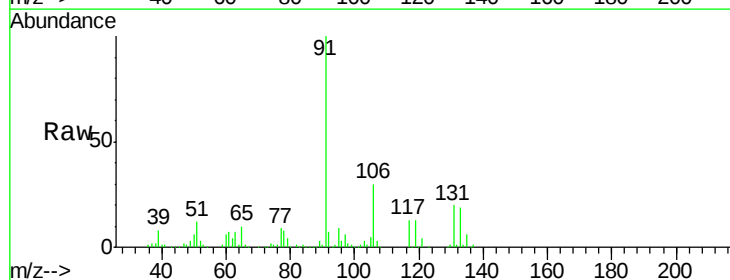
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 165279
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.233 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion:131 Resp: 61773
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 66.1 32.6 97.8

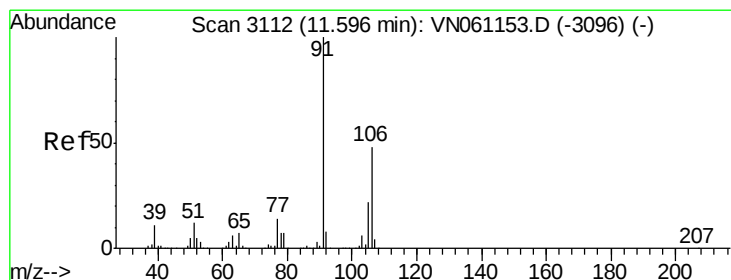
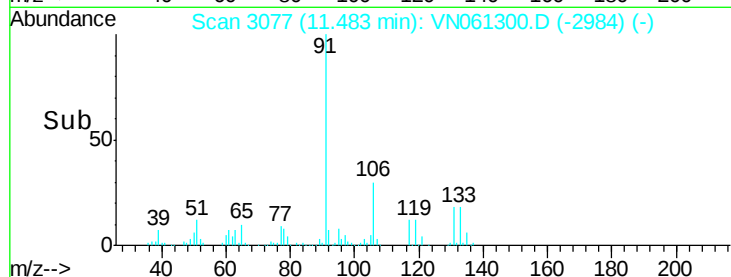
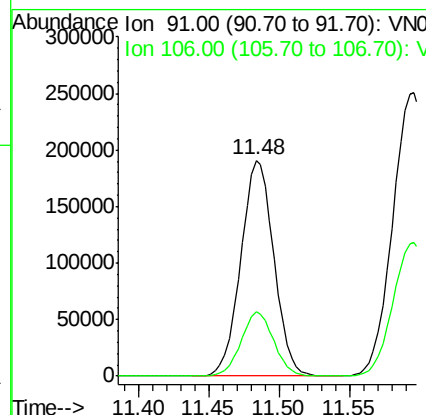
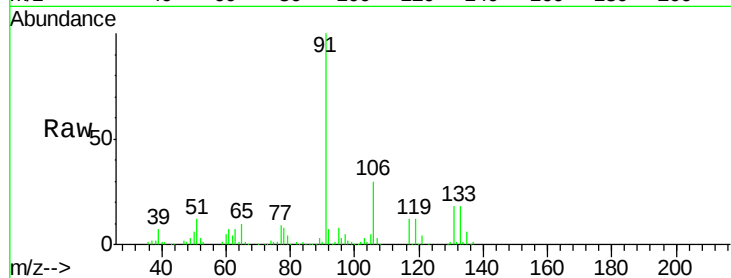




#67
Ethyl Benzene
Concen: 49.739 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

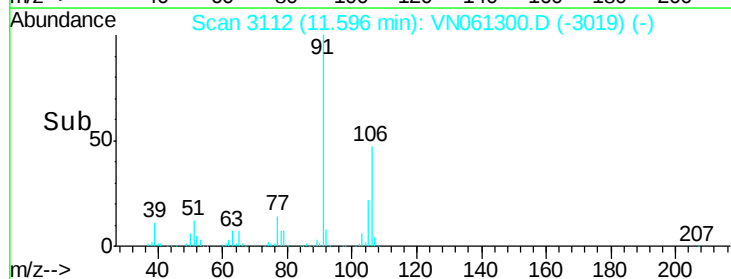
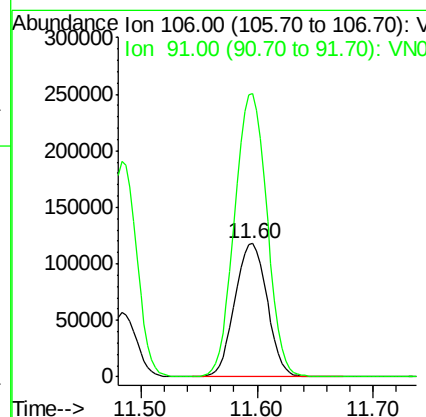
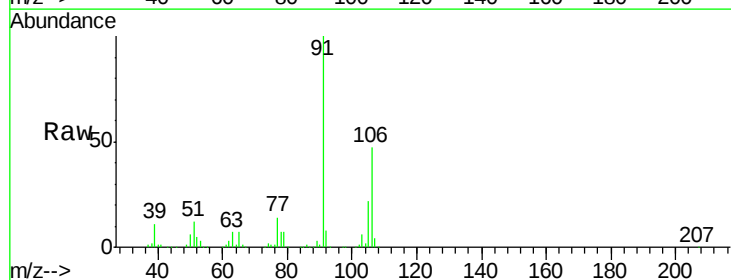
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 313673
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6



#68
m/p-Xylenes
Concen: 98.997 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion: 106 Resp: 228517
Ion Ratio Lower Upper
106 100
91 211.9 166.4 249.6

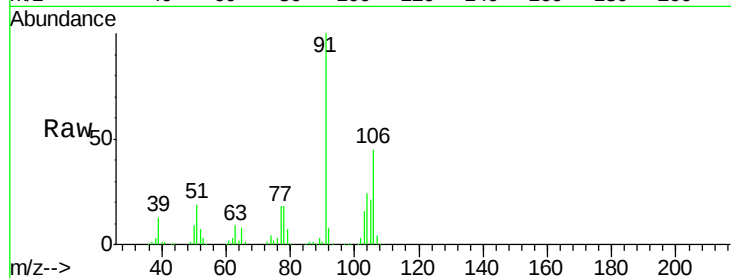




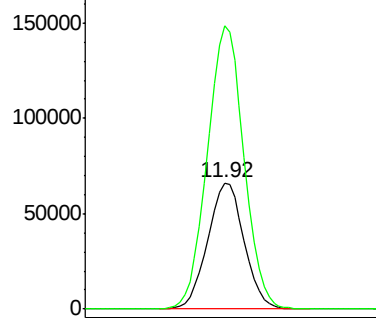
#69
o-Xylene
Concen: 48.731 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Instrument :
MSVOA_N
ClientSampled :

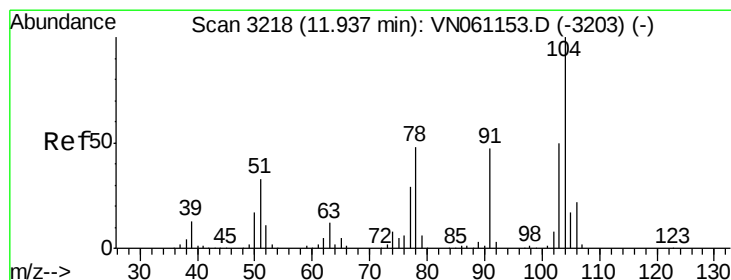
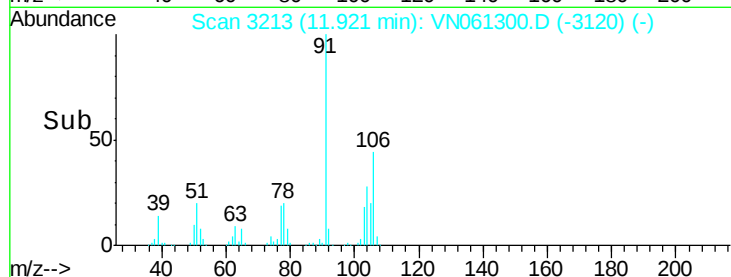
Tot Ion:106 Resp: 108051
Ion Ratio Lower Upper
106 100
91 225.2 109.7 329.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

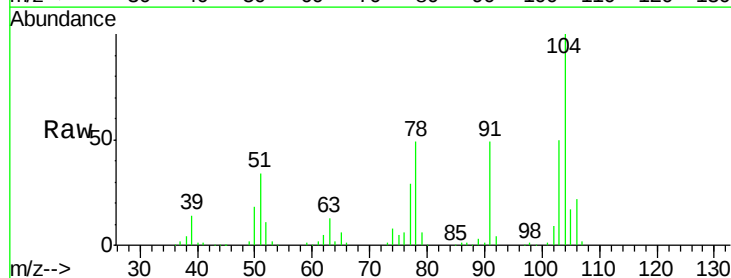


Time-->

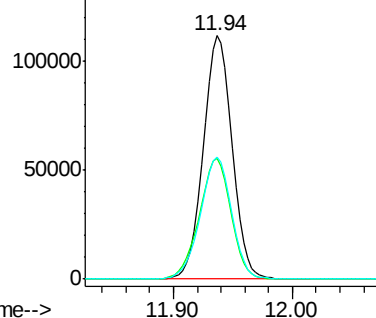


#70
Styrene
Concen: 50.505 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

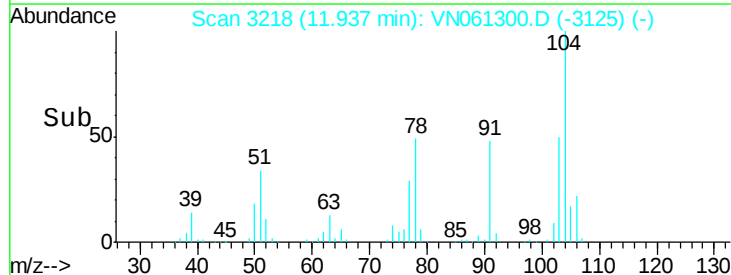
Tgt Ion:104 Resp: 187425
Ion Ratio Lower Upper
104 100
78 54.4 42.1 63.1
103 54.4 43.3 64.9

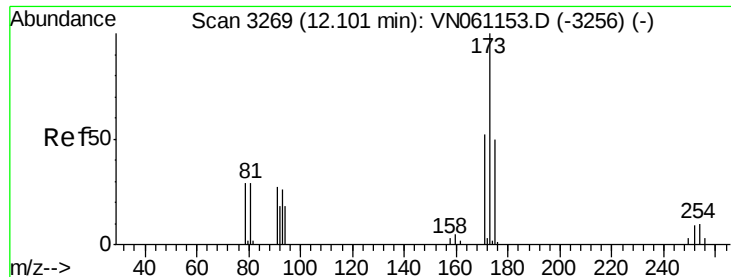


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 51.957 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

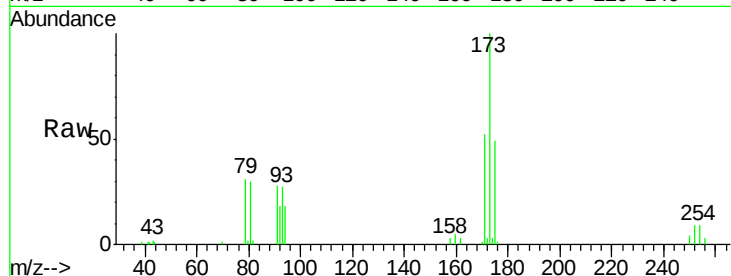
Tot Ion:173 Resp: 46041

Ion Ratio Lower Upper

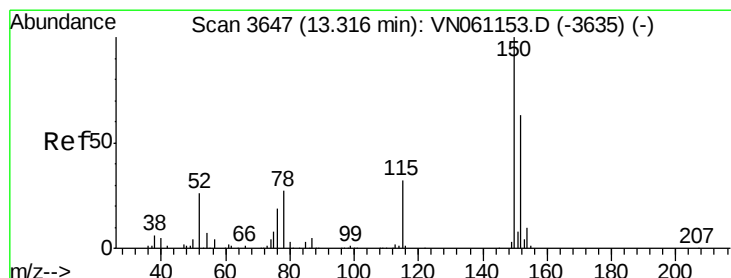
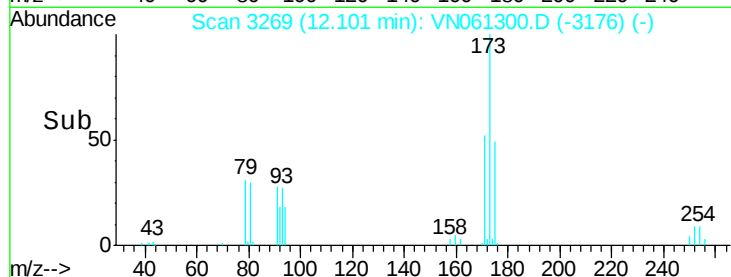
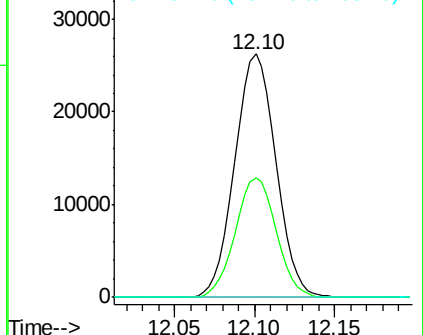
173 100

175 48.8 24.1 72.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

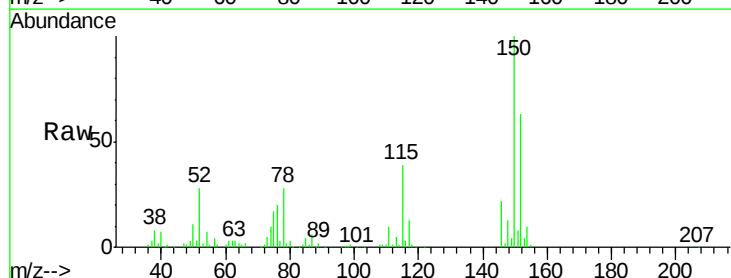
Tgt Ion:152 Resp: 82289

Ion Ratio Lower Upper

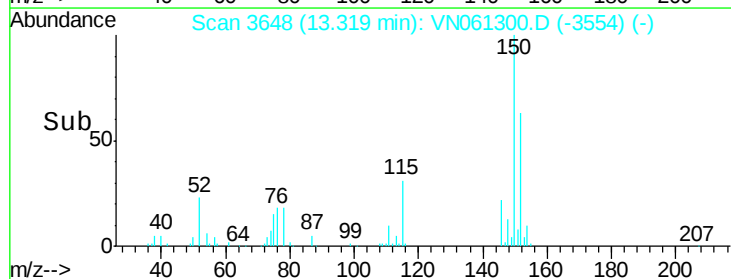
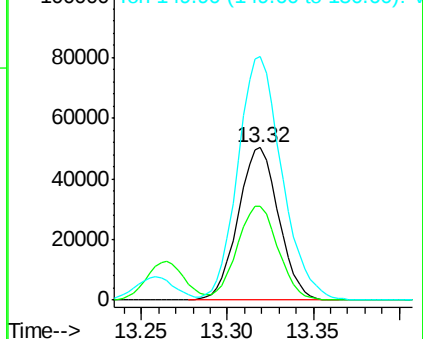
152 100

115 62.7 31.0 93.0

150 173.5 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.559 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

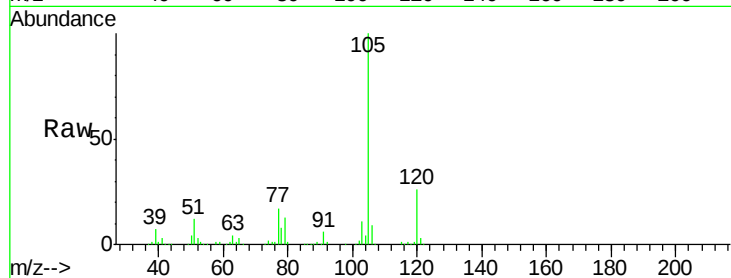
ClientSampled :

Tot Ion:105 Resp: 299807

Ion Ratio Lower Upper

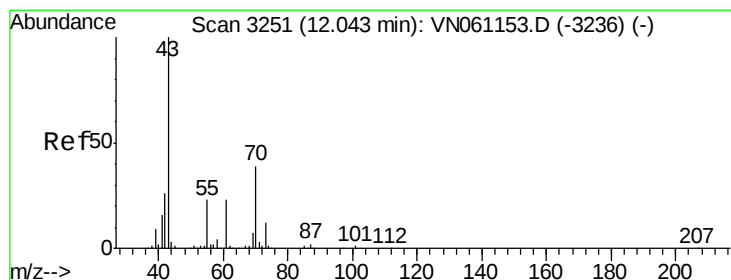
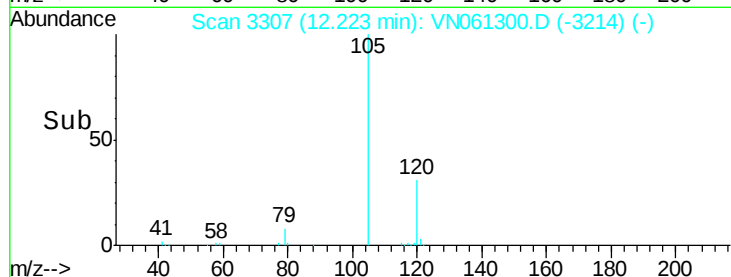
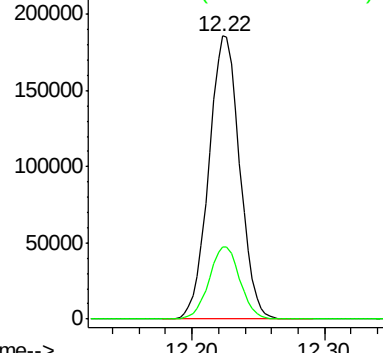
105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.755 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Tgt Ion: 43 Resp: 149353

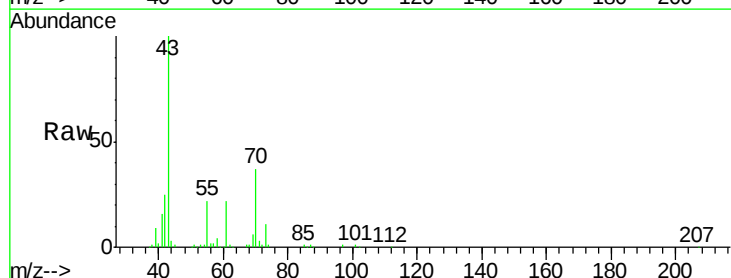
Ion Ratio Lower Upper

43 100

70 37.3 30.6 46.0

55 22.8 18.5 27.7

61 22.2 17.9 26.9

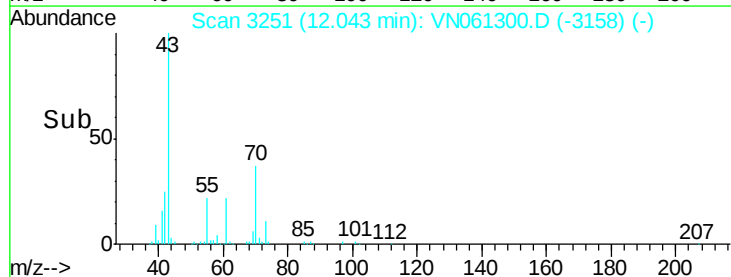
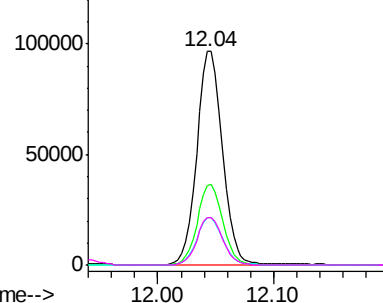


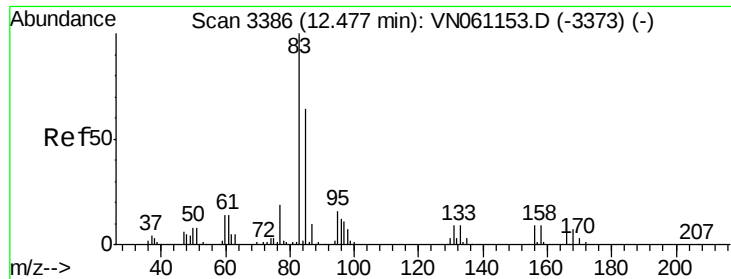
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.814 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampled :

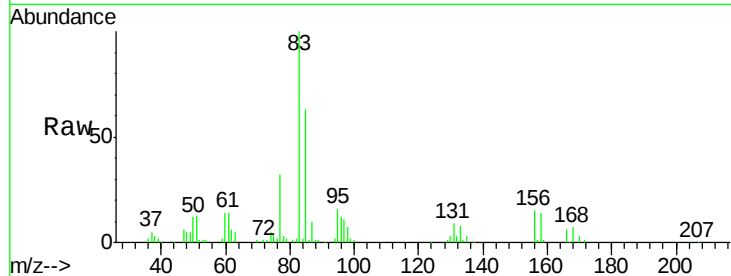
Tot Ion: 83 Resp: 93964

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

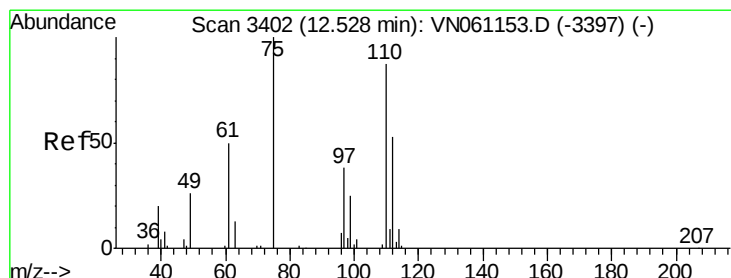
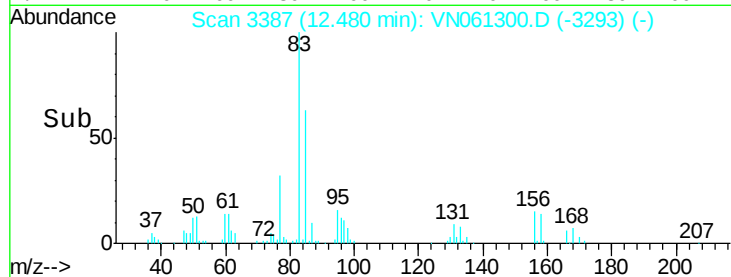
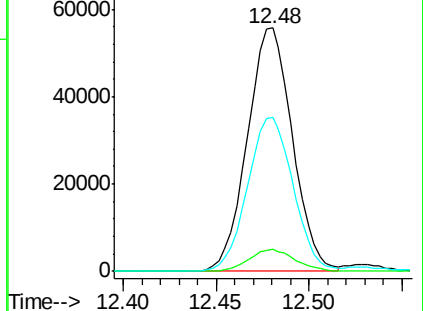
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 75.100 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN061300.D

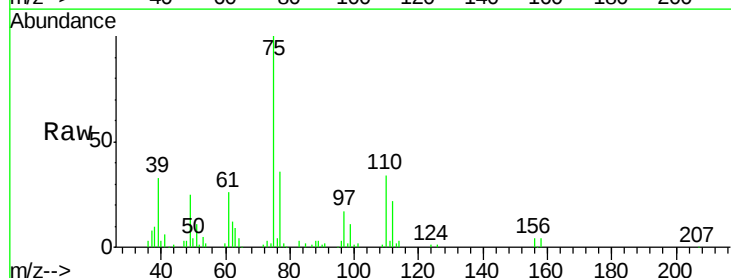
Acq: 5 May 2020 18:24

Tgt Ion: 75 Resp: 130289

Ion Ratio Lower Upper

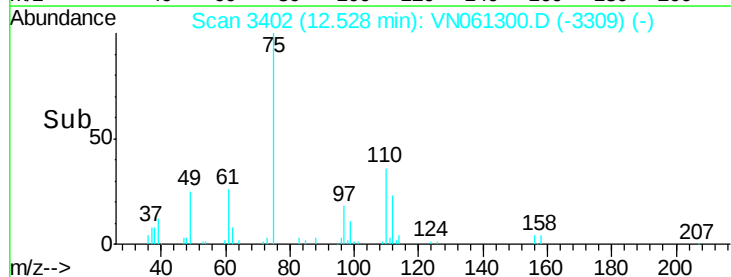
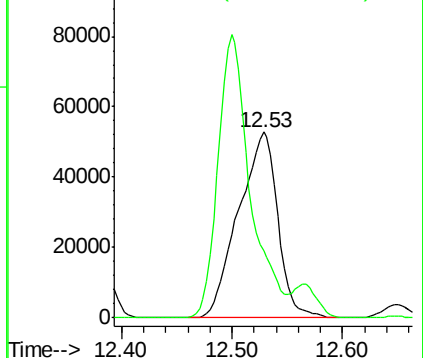
75 100

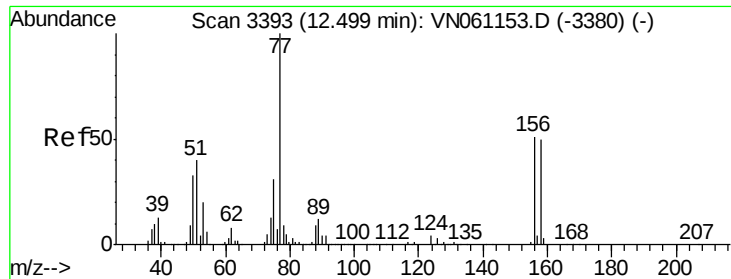
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.828 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

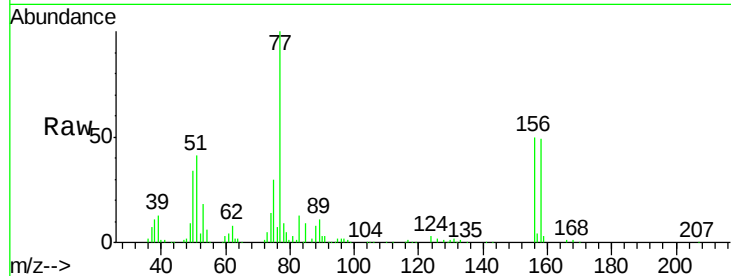
Tot Ion:156 Resp: 68187

Ion	Ratio	Lower	Upper
156	100		
77	239.5	117.4	352.2
158	96.2	48.4	145.0

156 100

77 239.5 117.4 352.2

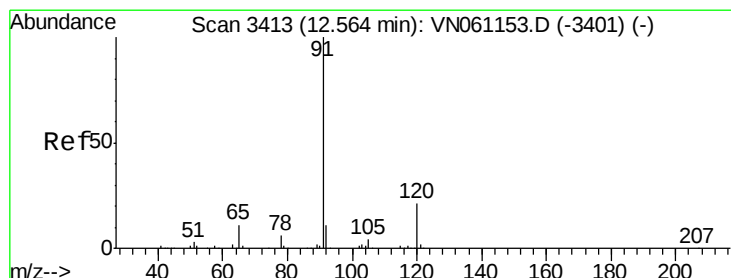
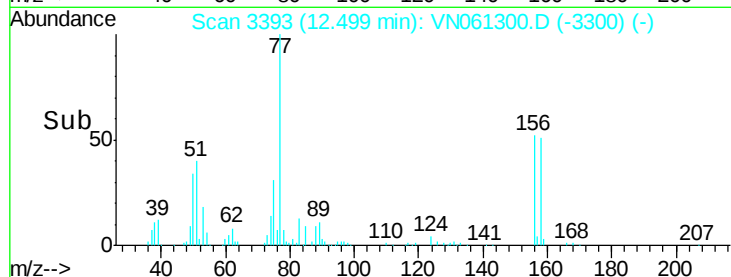
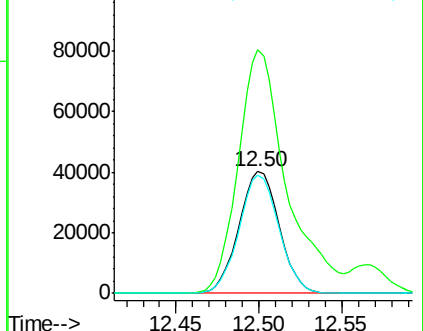
158 96.2 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.092 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061300.D

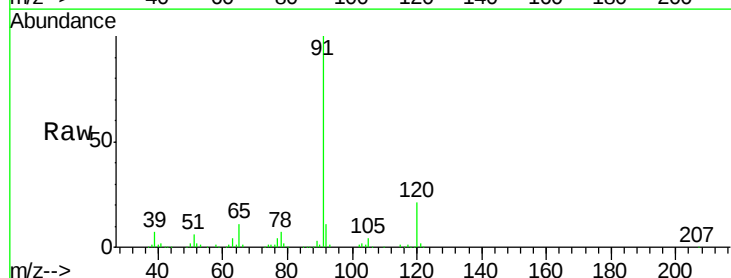
Acq: 5 May 2020 18:24

Tgt Ion: 91 Resp: 359427

Ion	Ratio	Lower	Upper
91	100		
120	21.1	10.8	32.3

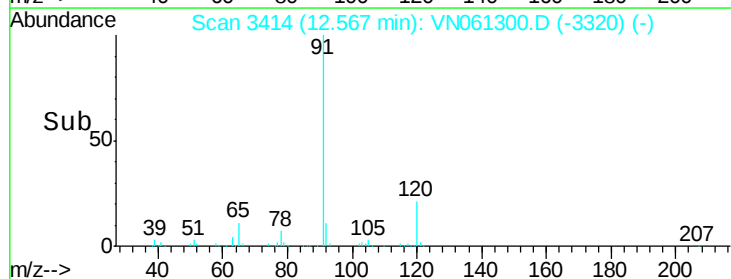
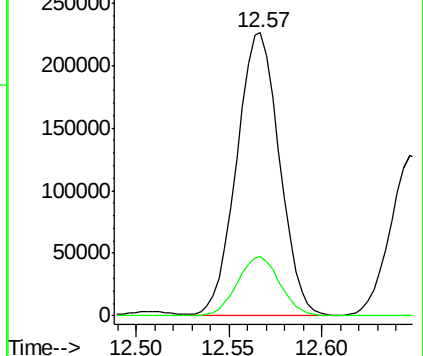
91 100

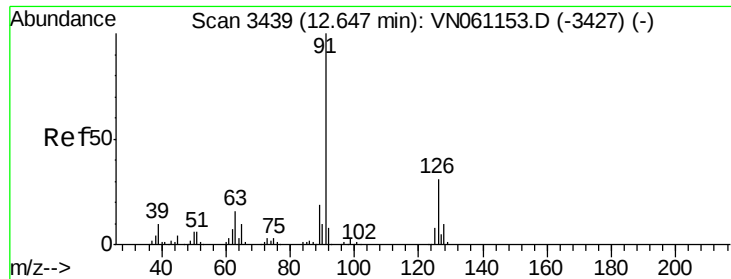
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.879 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

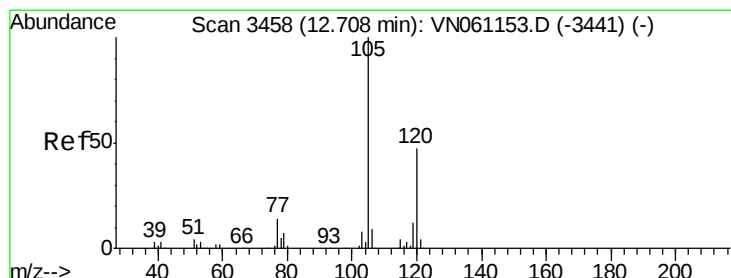
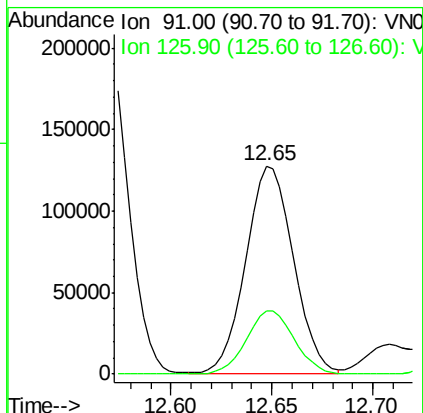
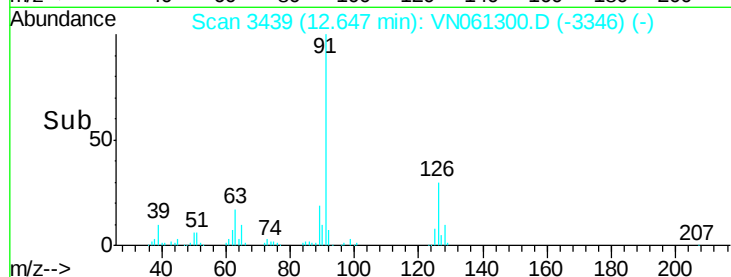
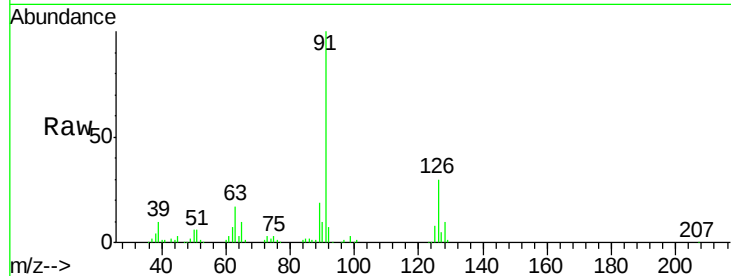
ClientSampled :

Tot Ion: 91 Resp: 210365

Ion Ratio Lower Upper

91 100

126 30.8 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 50.729 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. -0.00 min

Lab File: VN061300.D

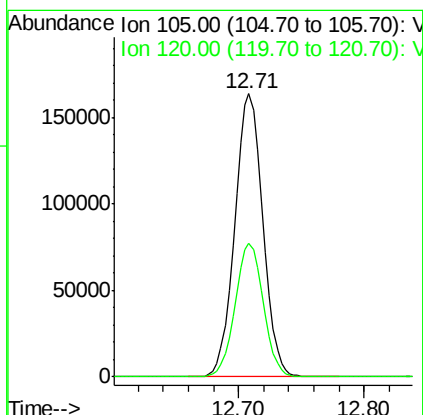
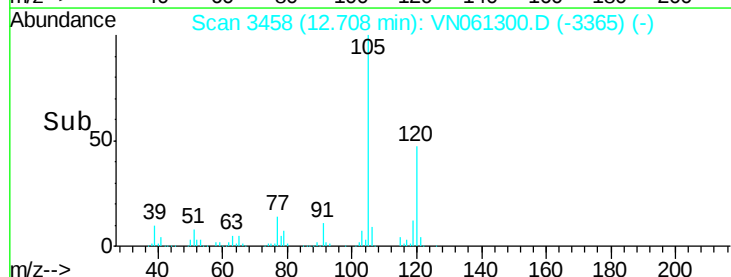
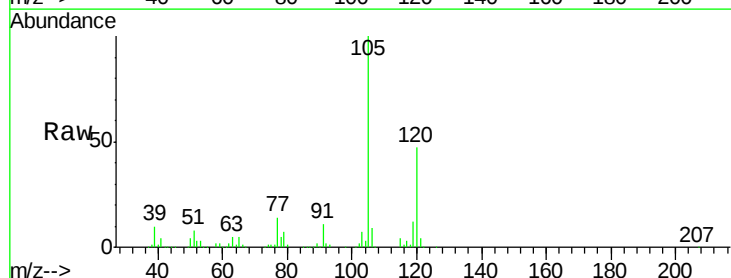
Acq: 5 May 2020 18:24

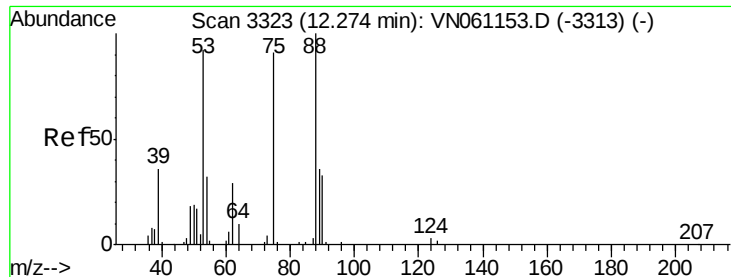
Tgt Ion:105 Resp: 253993

Ion Ratio Lower Upper

105 100

120 47.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 49.258 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

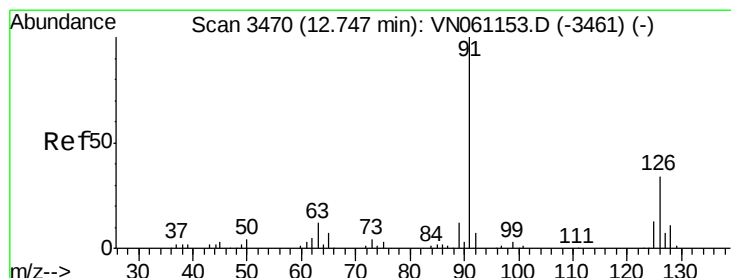
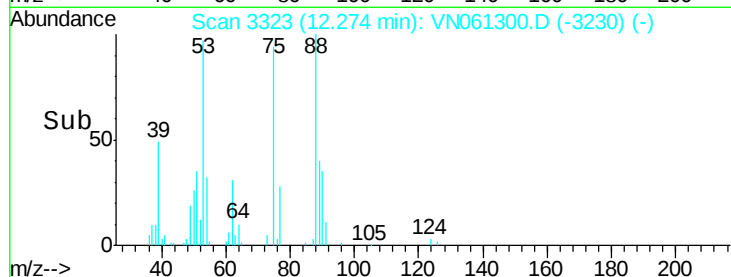
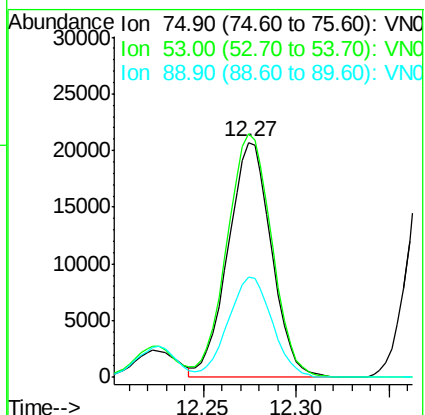
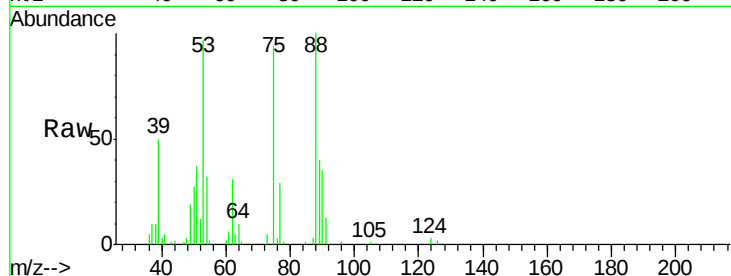
Tot Ion: 75 Resp: 33651

Ion Ratio Lower Upper

75 100

53 106.7 84.1 126.1

89 43.3 35.2 52.8



#82

4-Chlorotoluene

Concen: 50.004 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. -0.00 min

Lab File: VN061300.D

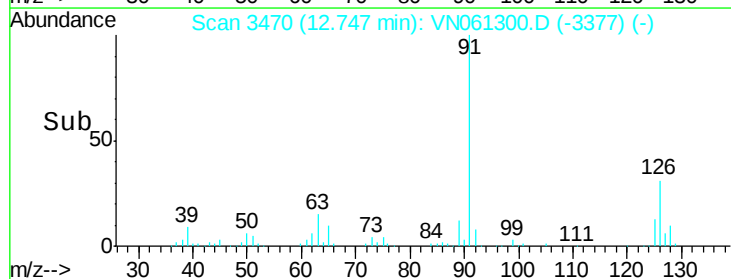
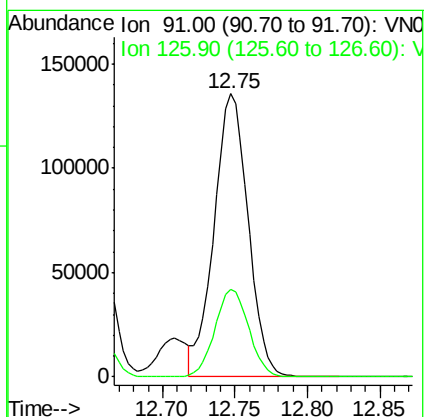
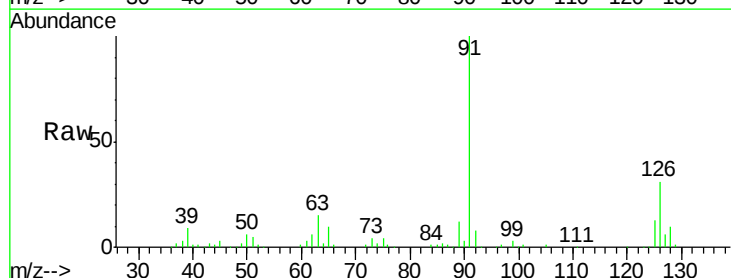
Acq: 5 May 2020 18:24

Tgt Ion: 91 Resp: 222273

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.1

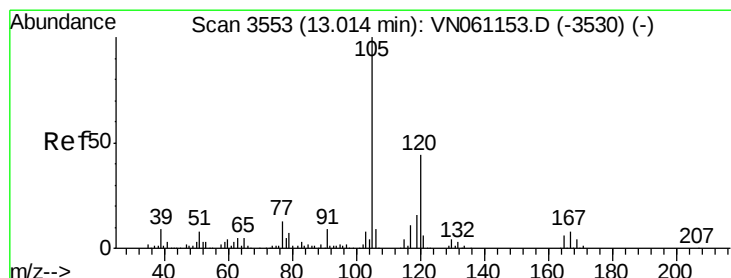
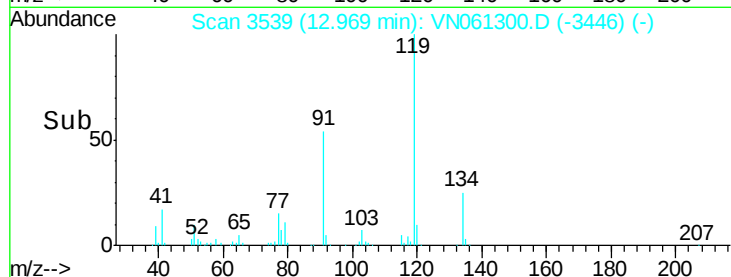
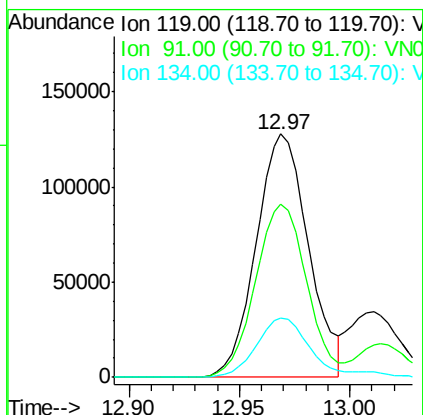
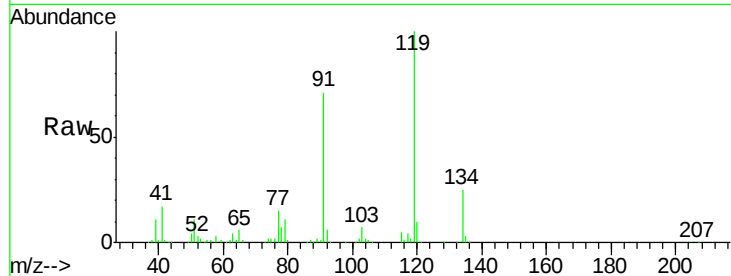




#83
 tert-Butylbenzene
 Concen: 49.641 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

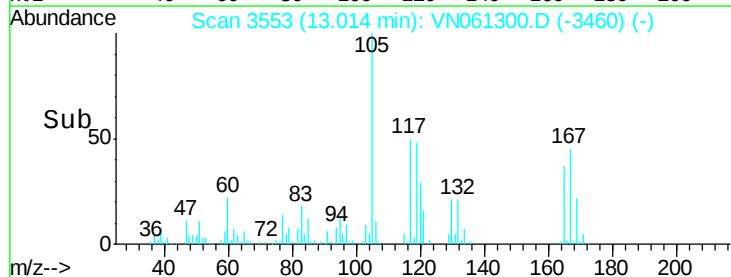
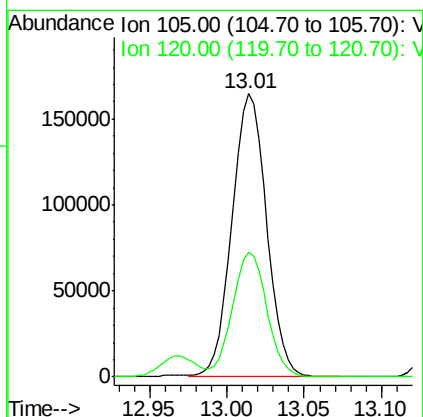
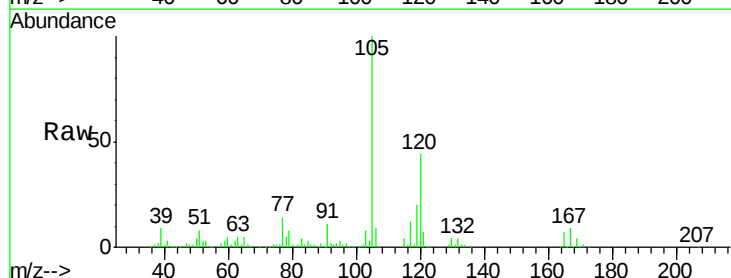
Instrument :
 MSVOA_N
 ClientSampleId :

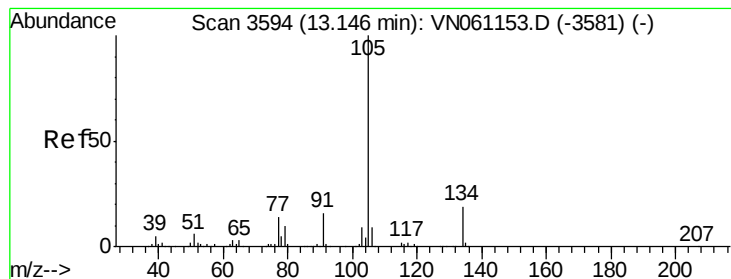
Tot Ion:119 Resp: 209575
 Ion Ratio Lower Upper
 119 100
 91 70.2 34.8 104.4
 134 25.9 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.217 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion:105 Resp: 253882
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.841 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

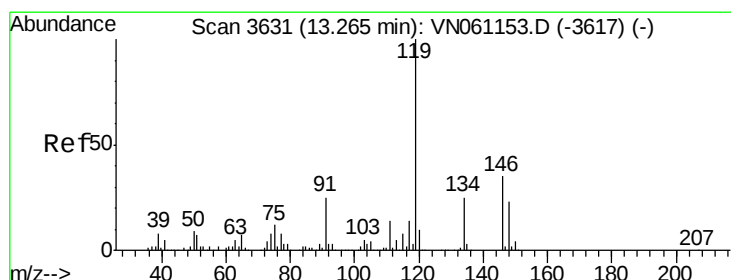
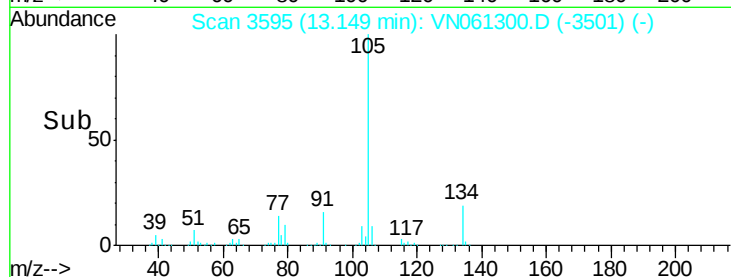
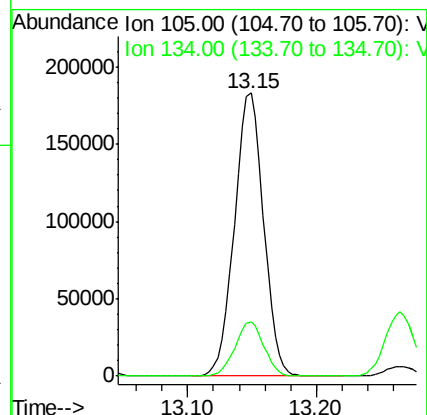
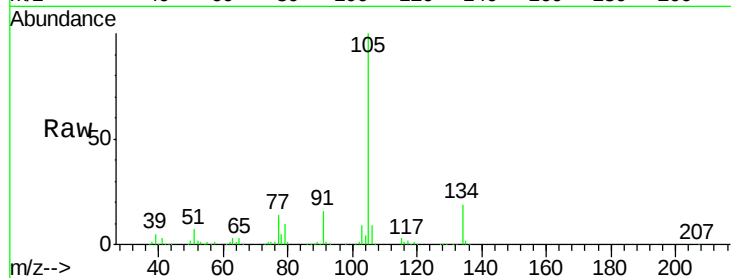
ClientSampleId :

Tot Ion:105 Resp: 286883

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 49.518 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

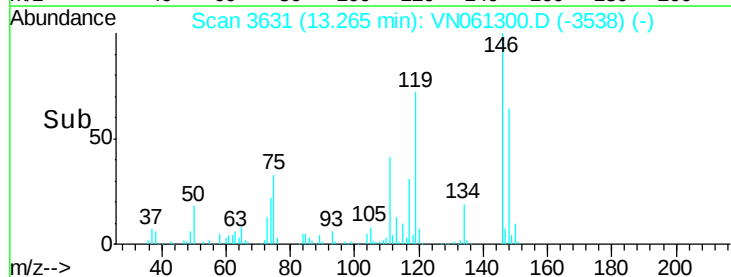
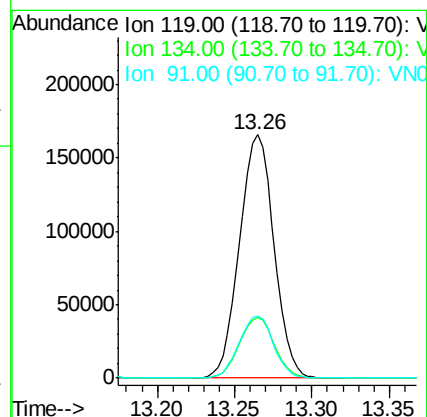
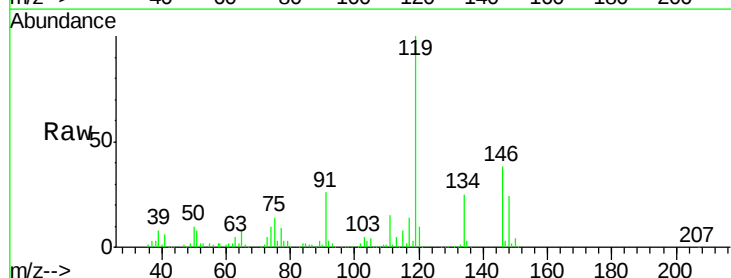
Tgt Ion:119 Resp: 256800

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 25.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 49.648 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

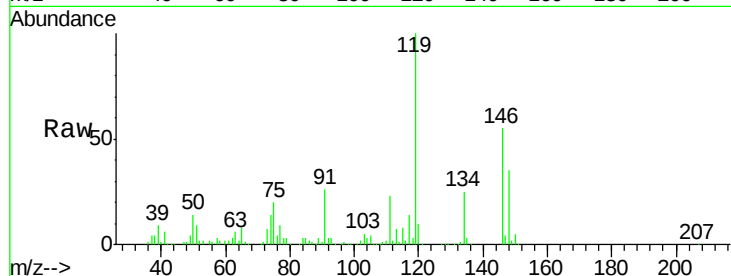
Tot Ion:146 Resp: 127635

Ion Ratio Lower Upper

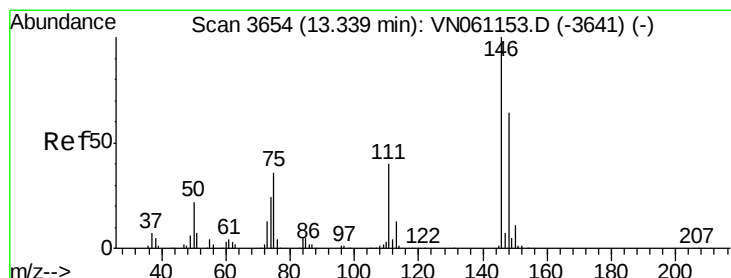
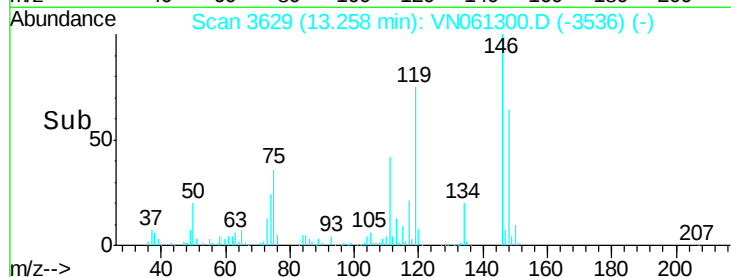
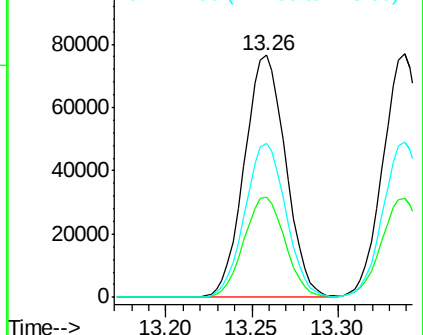
146 100

111 41.4 20.7 62.1

148 63.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.192 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

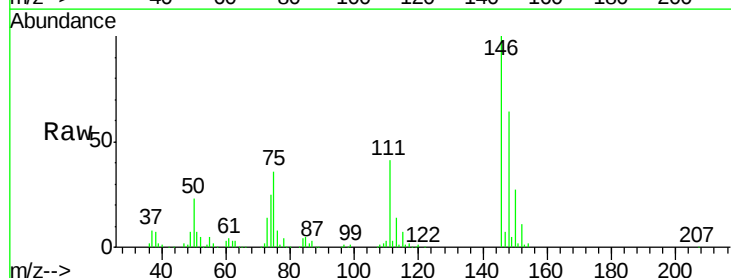
Tgt Ion:146 Resp: 126586

Ion Ratio Lower Upper

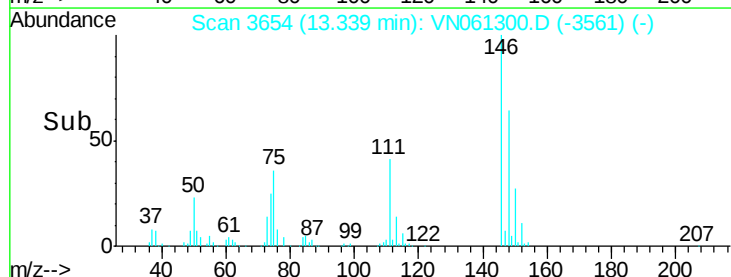
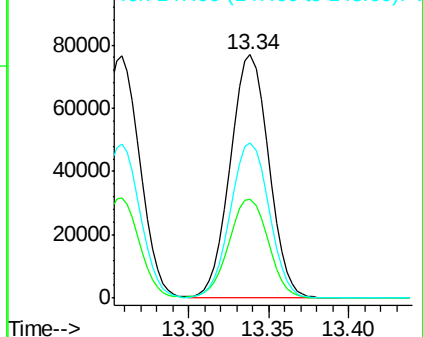
146 100

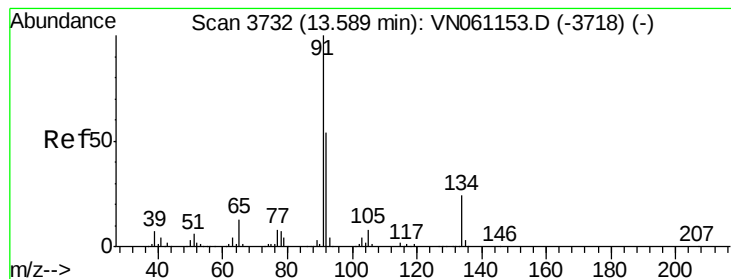
111 41.9 20.4 61.3

148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.543 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

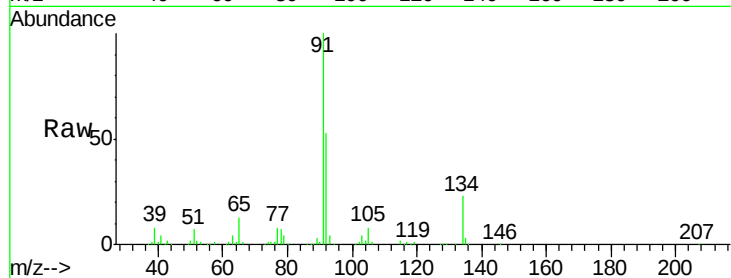
Tot Ion: 91 Resp: 240298

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.3

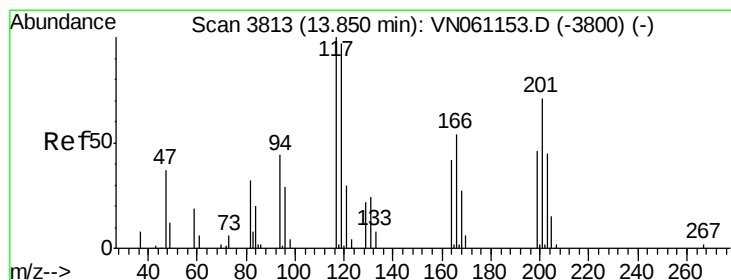
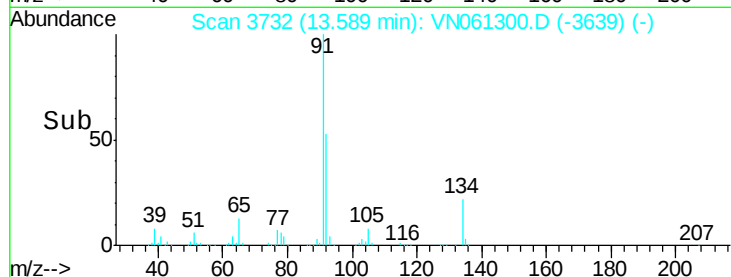
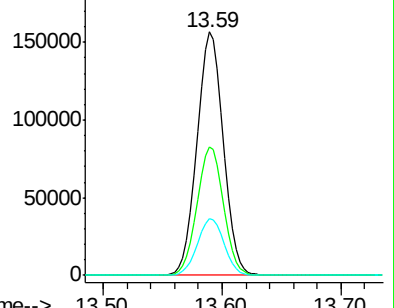
134 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3718) (-)

Ion 92.00 (91.70 to 92.70): VN061153.D (-3718) (-)

Ion 134.00 (133.70 to 134.70): VN061153.D (-3718) (-)



#90

Hexachloroethane

Concen: 62.575 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061300.D

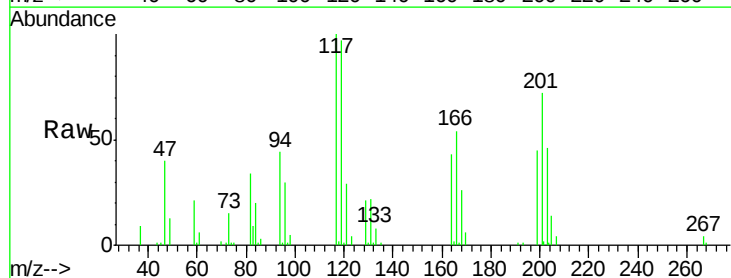
Acq: 5 May 2020 18:24

Tgt Ion: 117 Resp: 35073

Ion Ratio Lower Upper

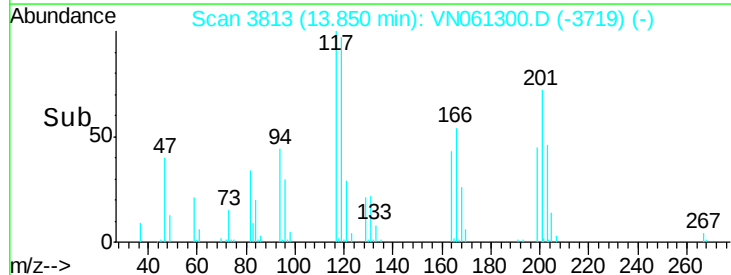
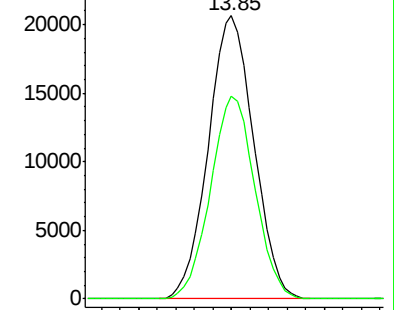
117 100

201 69.9 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-3800) (-)

Ion 200.70 (200.40 to 201.40): VN061153.D (-3800) (-)





#91

1,2-Dichlorobenzene

Concen: 49.435 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. -0.00 min

Lab File: VN061300.D

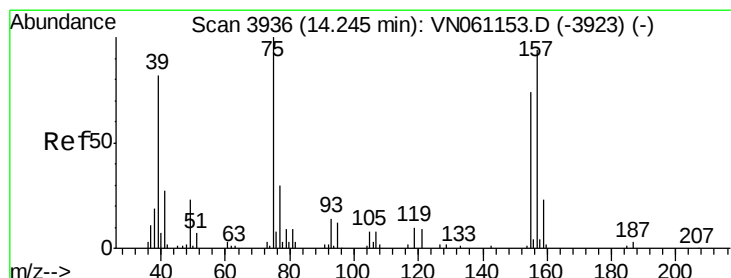
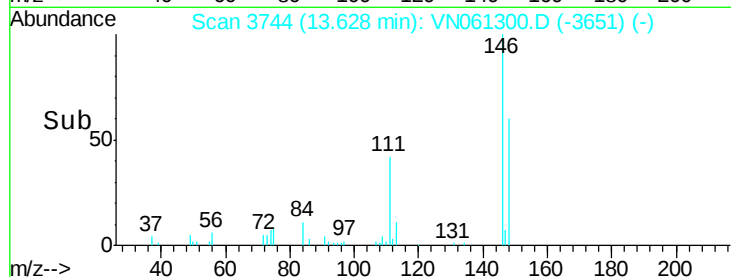
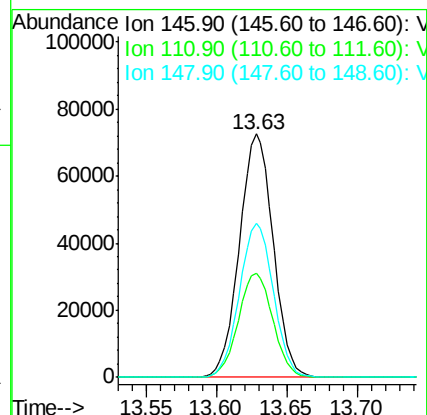
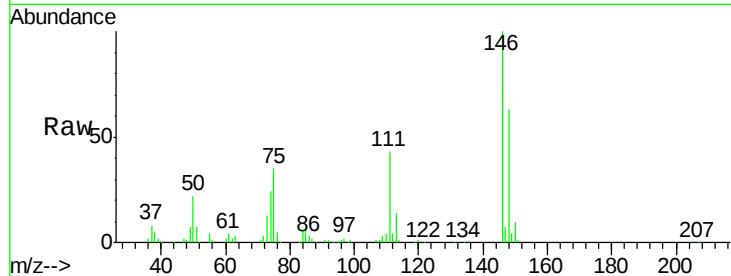
Acq: 5 May 2020 18:24

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	121857
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.8	65.3
148	63.5	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.478 ug/l

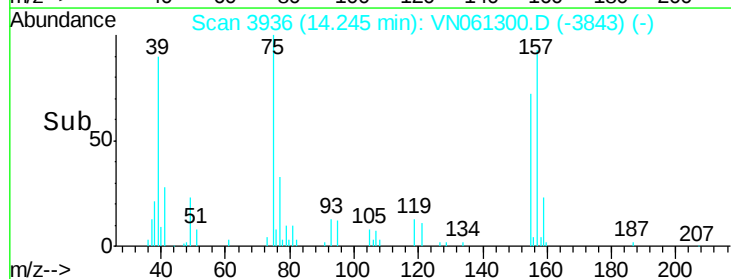
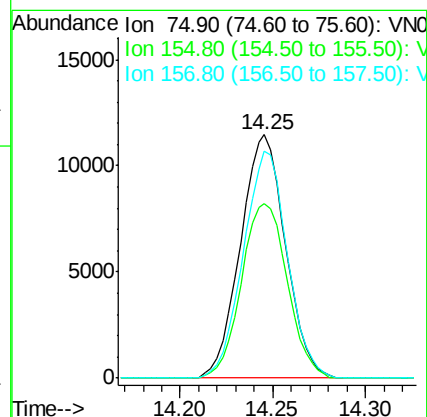
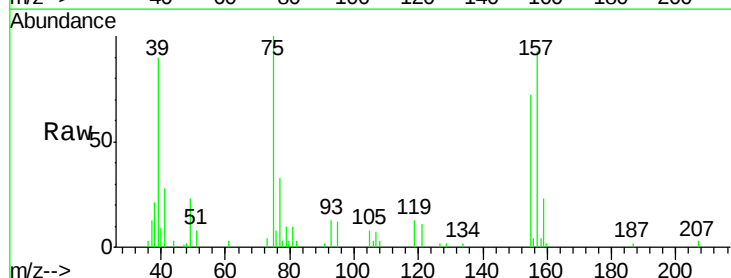
RT: 14.25 min Scan# 3936

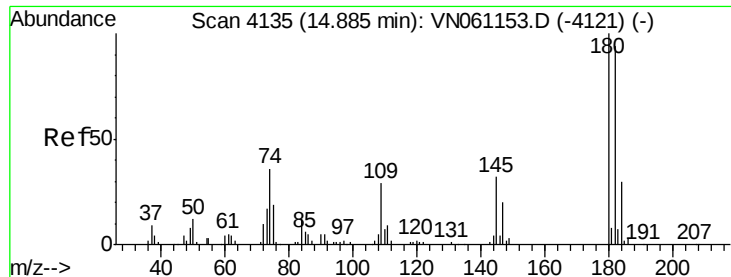
Delta R.T. -0.00 min

Lab File: VN061300.D

Acq: 5 May 2020 18:24

Tgt Ion:	75	Resp:	19313
Ion	Ratio	Lower	Upper
75	100		
155	72.8	36.5	109.7
157	91.1	46.6	139.7

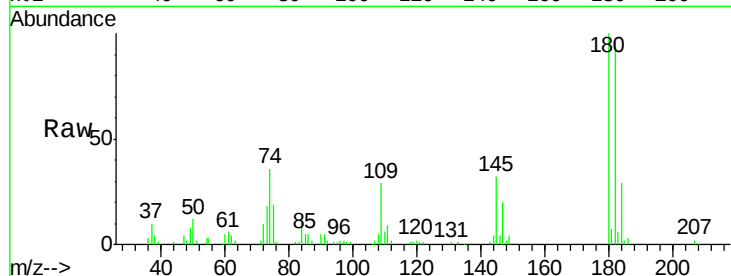




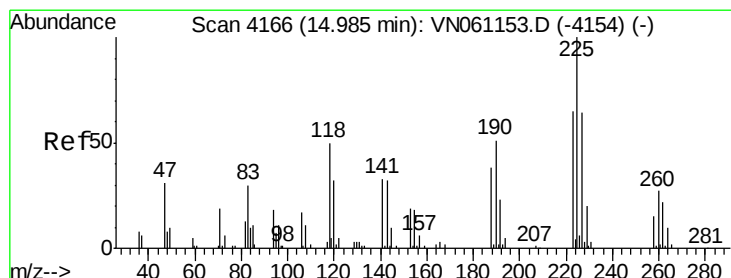
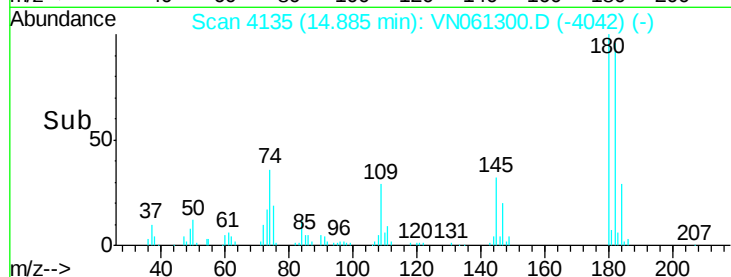
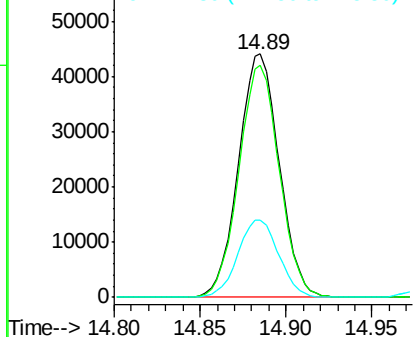
#93
 1,2,4-Trichlorobenzene
 Concen: 48.246 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. -0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 72420
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 141.9
 145 32.0 16.0 47.9

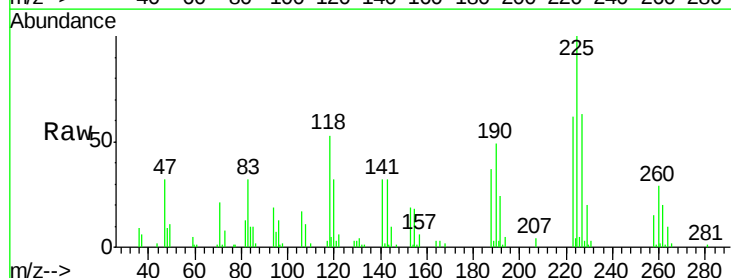


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

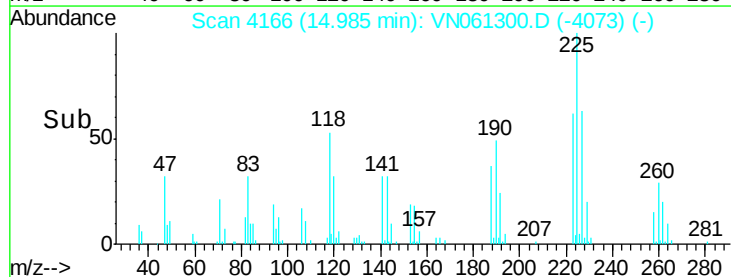
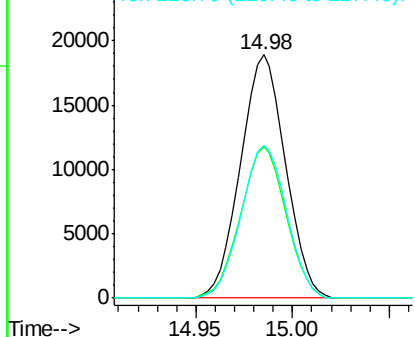


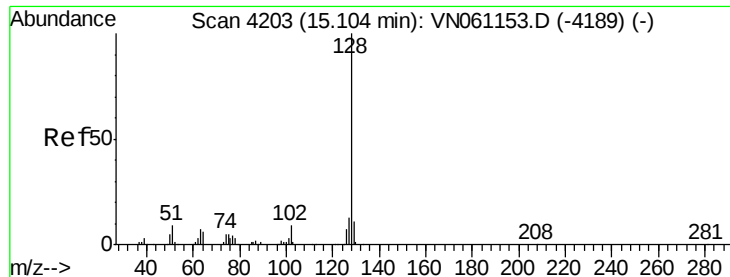
#94
 Hexachlorobutadiene
 Concen: 48.699 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061300.D
 Acq: 5 May 2020 18:24

Tgt Ion:225 Resp: 30539
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.4 97.0
 227 63.4 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

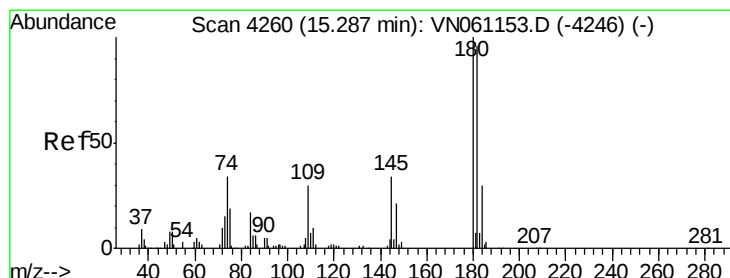
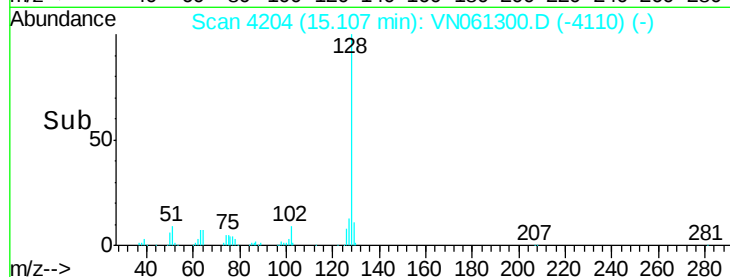
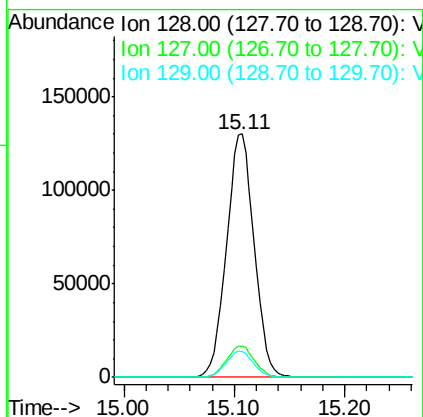
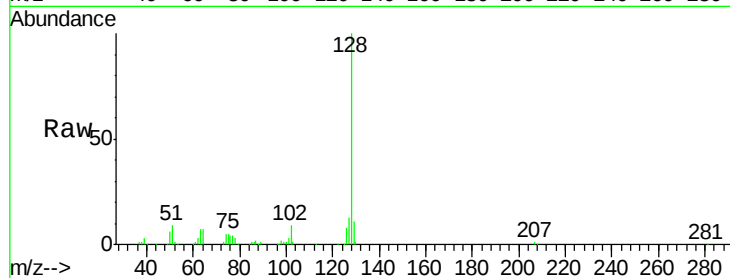




#95
Naphthalene
Concen: 46.172 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 225711
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.987 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061300.D
Acq: 5 May 2020 18:24

Tgt Ion:180 Resp: 71117
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 32.8 16.9 50.7

