

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055096.D
 Acq On : 17 Apr 2019 10:53
 Operator : JC/SP
 Sample : VN0417WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 18 03:00:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	382357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	627067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215919	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	253192	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	209298	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	10.09	98	764050	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	249462	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	86329	19.867	ug/l	97
3) Chloromethane	2.06	50	111010	19.587	ug/l	98
4) Vinyl Chloride	2.19	62	92742	19.468	ug/l	99
5) Bromomethane	2.56	94	53205	19.742	ug/l	98
6) Chloroethane	2.71	64	51613	20.091	ug/l	97
7) Trichlorofluoromethane	3.02	101	118759	19.934	ug/l	100
8) Diethyl Ether	3.41	74	37520	19.729	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	62144	19.932	ug/l	99
10) Methyl Iodide	3.94	142	88822	18.358	ug/l	100
11) Tert butyl alcohol	4.82	59	28660	102.876	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	57762	19.033	ug/l	100
13) Acrolein	3.61	56	27042	78.530	ug/l	98
14) Allyl chloride	4.31	41	149852	20.173	ug/l	99
15) Acrylonitrile	5.00	53	166905	100.135	ug/l	99
16) Acetone	3.82	43	131591	95.392	ug/l	100
17) Carbon Disulfide	4.04	76	175004	17.864	ug/l	99
18) Methyl Acetate	4.33	43	82032	20.374	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	220756	20.335	ug/l	98
20) Methylene Chloride	4.54	84	93279	19.235	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	81014	19.738	ug/l	99
22) Diisopropyl ether	5.96	45	312778	20.482	ug/l	98
23) Vinyl Acetate	5.90	43	1049538	103.978	ug/l	98
24) 1,1-Dichloroethane	5.85	63	166291	20.449	ug/l	97
25) 2-Butanone	6.85	43	204600	99.376	ug/l	97
26) 2,2-Dichloropropane	6.82	77	109617	21.357	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	95042	20.467	ug/l	98
28) Bromochloromethane	7.19	49	76183	19.434	ug/l	96
29) Tetrahydrofuran	7.22	42	132837	98.388	ug/l	99
30) Chloroform	7.37	83	159423	20.183	ug/l	99
31) Cyclohexane	7.65	56	148858	19.954	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	125889	20.116	ug/l	99
36) 1,1-Dichloropropene	7.79	75	112781	19.079	ug/l	99
37) Ethyl Acetate	6.94	43	87335	18.148	ug/l	99
38) Carbon Tetrachloride	7.77	117	104667	18.611	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124244	19.396	ug/l	99
40) Benzene	8.04	78	358461	20.120	ug/l	99
41) Methacrylonitrile	7.17	41	54008	20.217	ug/l	97
42) 1,2-Dichloroethane	8.12	62	123998	20.046	ug/l	100
43) Isopropyl Acetate	8.17	43	143189	19.310	ug/l	99
44) Trichloroethene	8.83	130	90341	20.245	ug/l	98
45) 1,2-Dichloropropane	9.12	63	103669	20.865	ug/l	96
46) Dibromomethane	9.21	93	59547	21.056	ug/l	97
47) Bromodichloromethane	9.40	83	115909	19.879	ug/l	99
48) Methyl methacrylate	9.20	41	72620	19.758	ug/l	96
49) 1,4-Dioxane	9.21	88	16232	471.384	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	420978	98.267	ug/l	99
52) Toluene	10.16	92	210512	20.631	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	101607	19.940	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	129018	20.401	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	79862	20.314	ug/l	98
56) Ethyl methacrylate	10.43	69	93268	19.768	ug/l	99
57) 1,3-Dichloropropane	10.71	76	134751	20.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	173936	91.067	ug/l	100
59) 2-Hexanone	10.75	43	261468	97.172	ug/l	98
60) Dibromochloromethane	10.90	129	79004	20.580	ug/l	99
61) 1,2-Dibromoethane	11.00	107	71489	19.757	ug/l	100
64) Tetrachloroethene	10.63	164	83292	18.761	ug/l	94
65) Chlorobenzene	11.43	112	219312	19.955	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	81805	20.238	ug/l	99
67) Ethyl Benzene	11.51	91	391972	19.972	ug/l	99
68) m/p-Xylenes	11.62	106	291149	40.967	ug/l	99
69) o-Xylene	11.95	106	140795	20.454	ug/l	99
70) Styrene	11.96	104	230668	20.702	ug/l	99
71) Bromoform	12.13	173	47001	20.286	ug/l #	98
73) Isopropylbenzene	12.25	105	374816	19.562	ug/l	100
74) N-amyl acetate	12.07	43	108297	20.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	96650	18.852	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	111339	28.675	ug/l #	100
77) Bromobenzene	12.52	156	90496	18.945	ug/l	98
78) n-propylbenzene	12.59	91	411652	19.886	ug/l	100
79) 2-Chlorotoluene	12.67	91	255433	19.783	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	307901	19.913	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18548	19.103	ug/l	93
82) 4-Chlorotoluene	12.77	91	239998	19.923	ug/l	100
83) tert-Butylbenzene	12.99	119	262557	20.107	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	297707	20.317	ug/l	99
85) sec-Butylbenzene	13.17	105	336626	20.231	ug/l	99
86) p-Isopropyltoluene	13.29	119	288991	20.244	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	146860	20.227	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	138722	20.036	ug/l	99
89) n-Butylbenzene	13.61	91	216201	20.402	ug/l	99
90) Hexachloroethane	13.87	117	45908	19.765	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	146910	20.111	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11886	18.827	ug/l	99

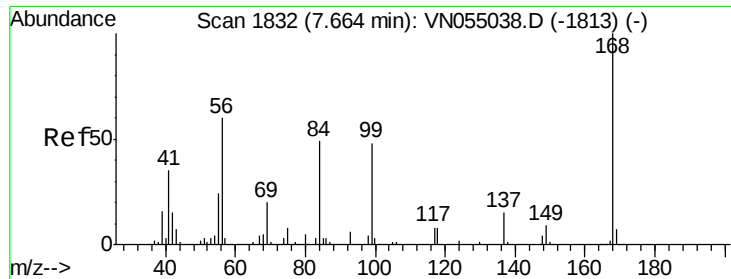
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53307	17.913	ug/l	99
94) Hexachlorobutadiene	15.01	225	49458	21.920	ug/l	96
95) Naphthalene	15.13	128	112222	16.674	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	54772	19.436	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

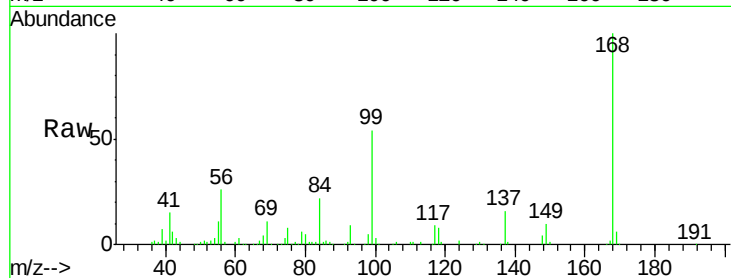
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 382357

Ion Ratio Lower Upper

168 100

99 53.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

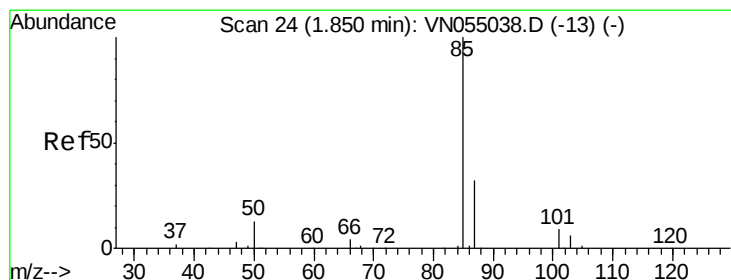
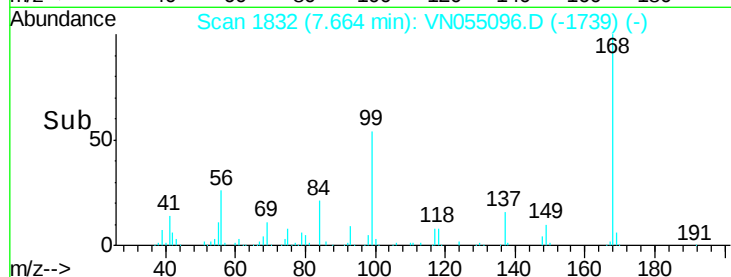
100000

50000

0

Time-->

7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.867 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055096.D

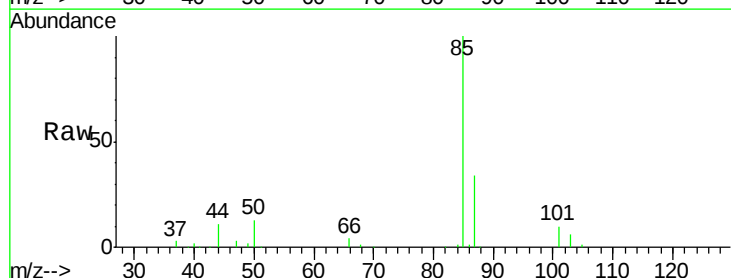
Acq: 17 Apr 2019 10:53

Tgt Ion: 85 Resp: 86329

Ion Ratio Lower Upper

85 100

87 33.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

60000

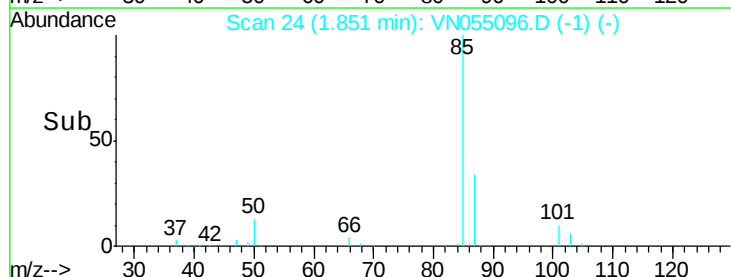
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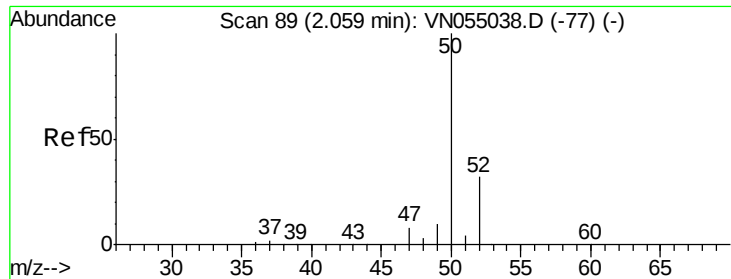
20000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 19.587 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

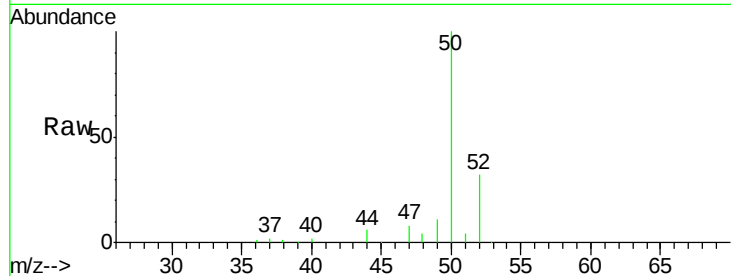
ClientSampleId :

Tot Ion: 50 Resp: 111010

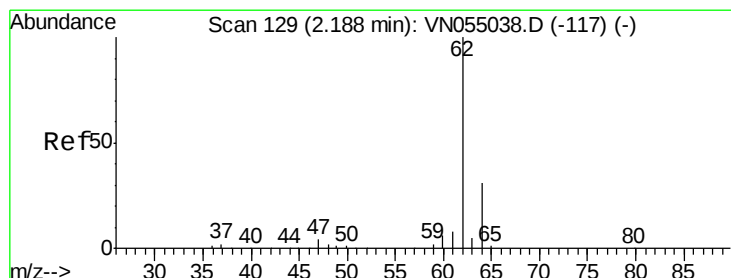
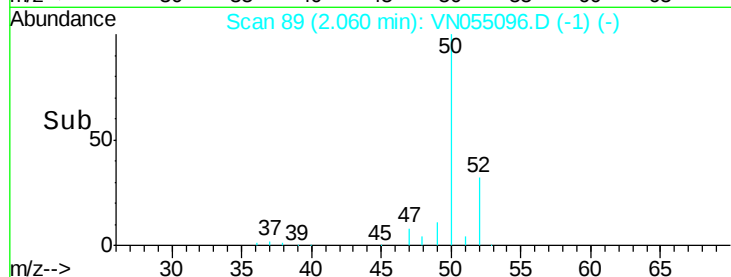
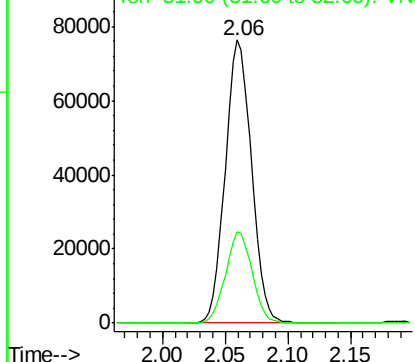
Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.468 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055096.D

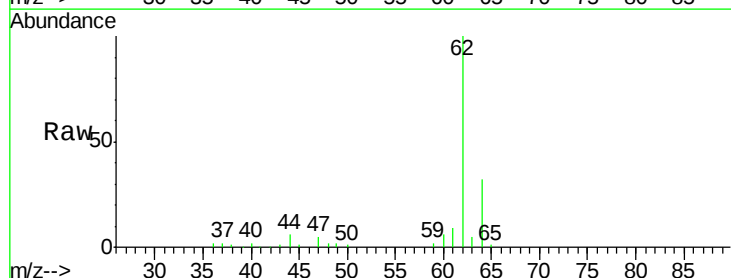
Acq: 17 Apr 2019 10:53

Tgt Ion: 62 Resp: 92742

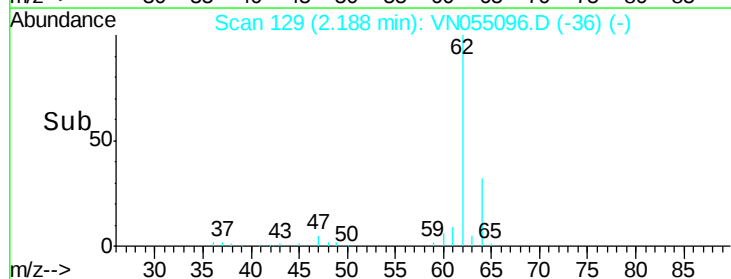
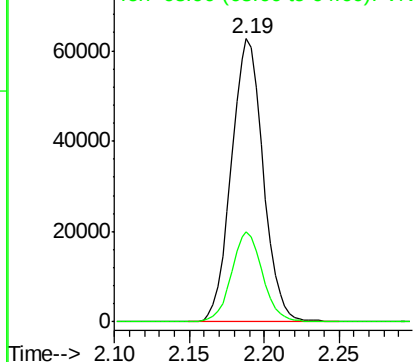
Ion Ratio Lower Upper

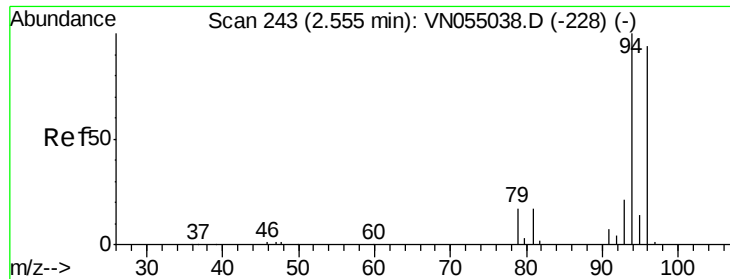
62 100

64 31.7 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO

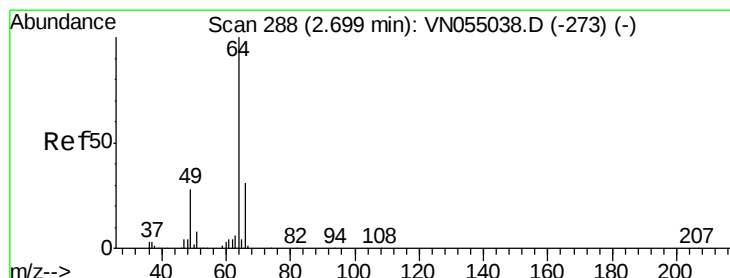
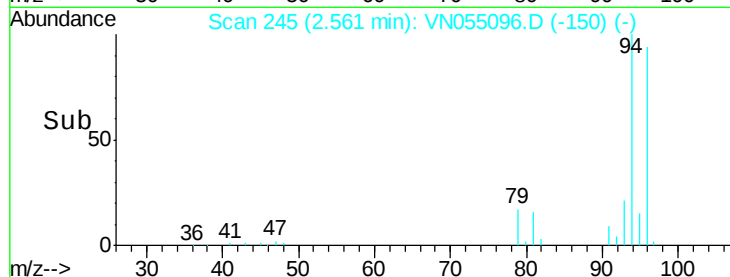
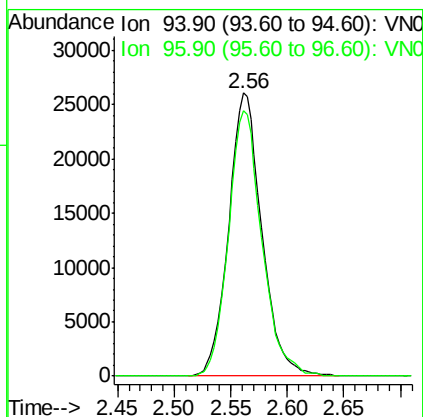
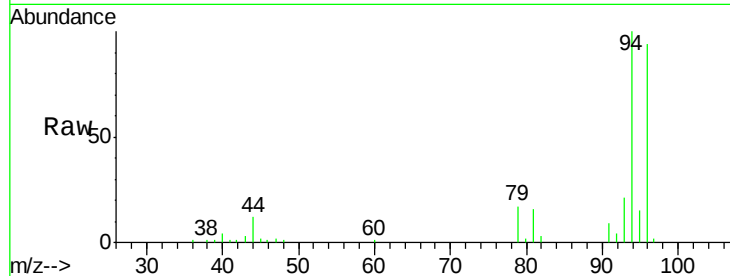




#5
Bromomethane
Concen: 19.742 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.01 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

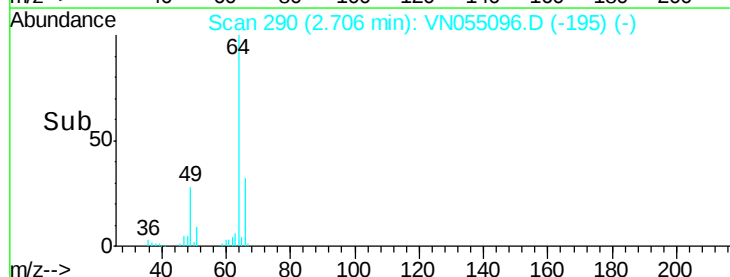
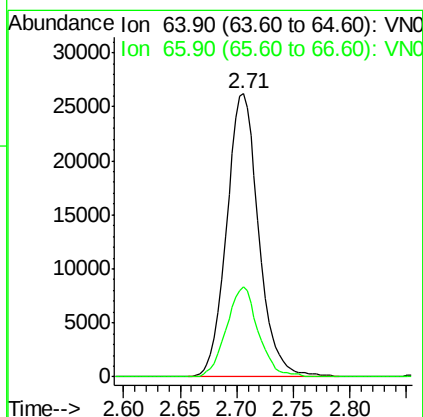
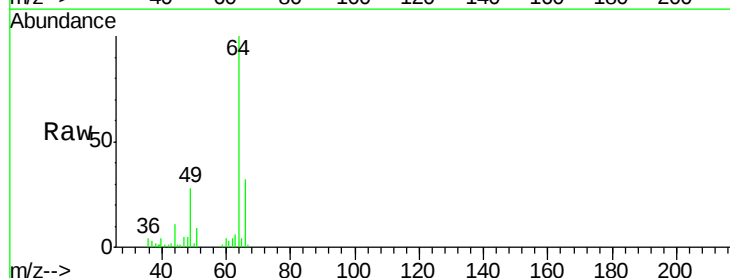
Instrument :
MSVOA_N
ClientSampled :

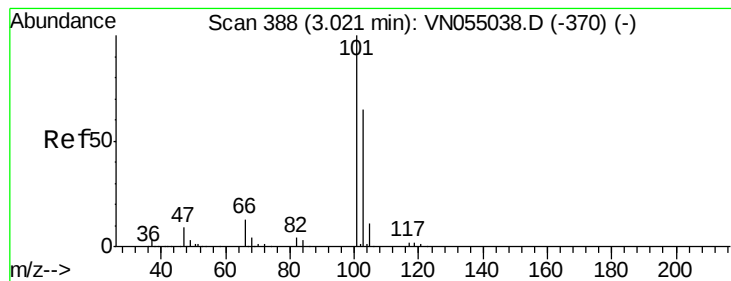
Tot Ion: 94 Resp: 53205
Ion Ratio Lower Upper
94 100
96 93.8 76.2 114.4



#6
Chloroethane
Concen: 20.091 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.01 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 64 Resp: 51613
Ion Ratio Lower Upper
64 100
66 31.7 26.6 40.0



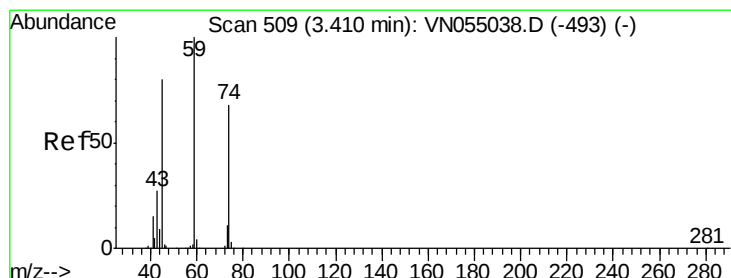
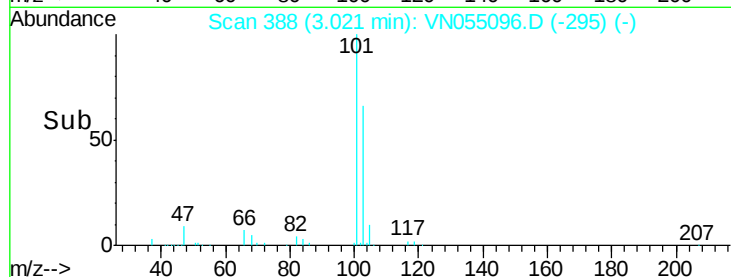
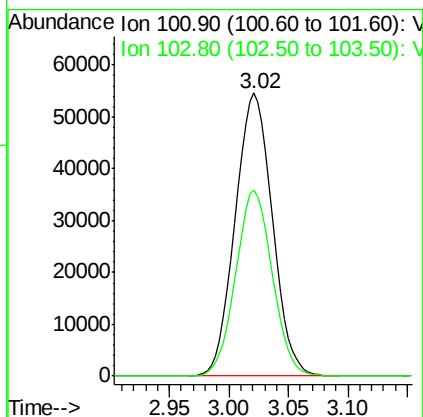
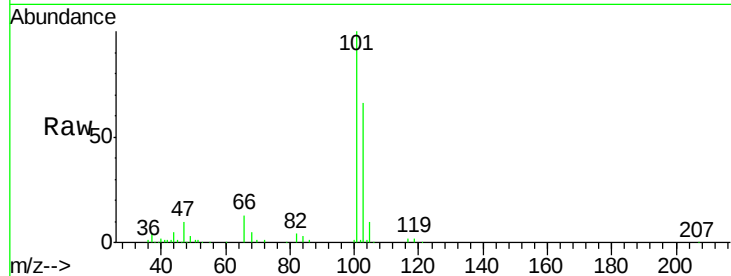


#7

Trichlorofluoromethane
 Concen: 19.934 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampled :

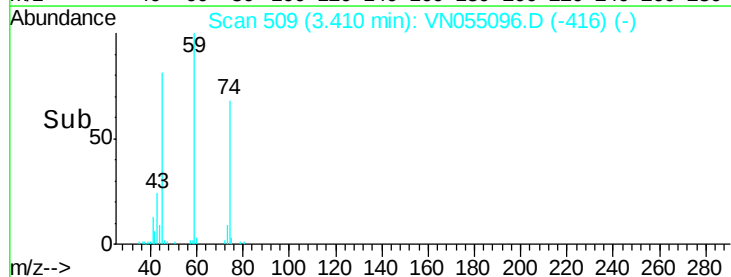
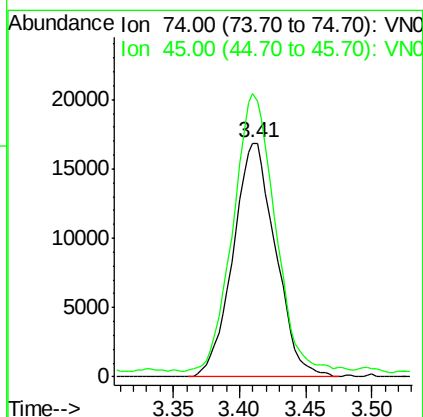
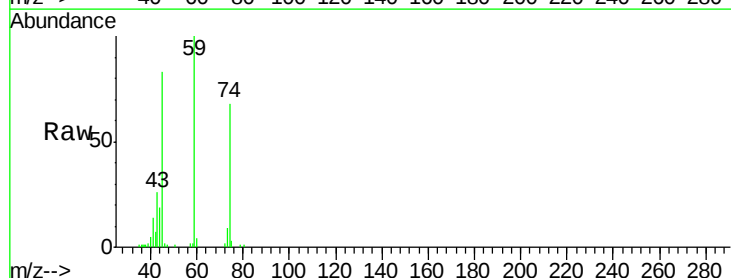
Tot Ion:101 Resp: 118759
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.5 78.7

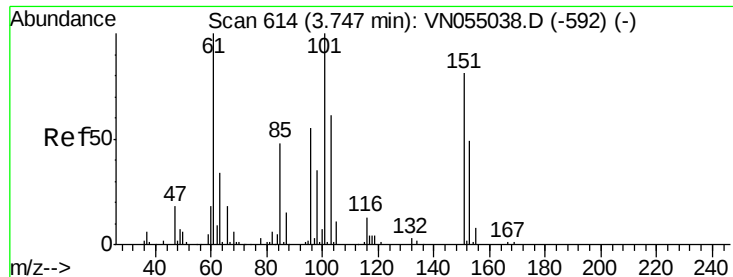


#8

Diethyl Ether
 Concen: 19.729 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion: 74 Resp: 37520
 Ion Ratio Lower Upper
 74 100
 45 117.3 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.932 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

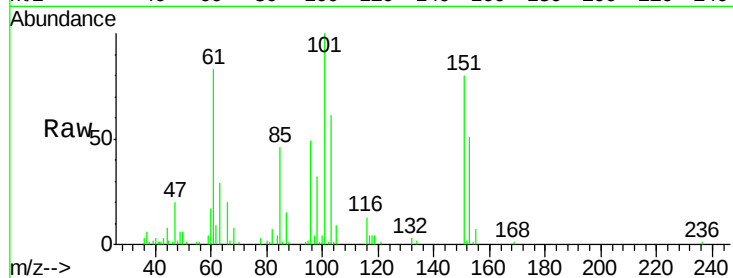
Tot Ion:101 Resp: 62144

Ion Ratio Lower Upper

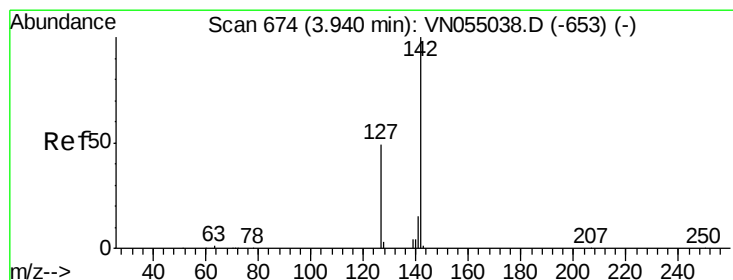
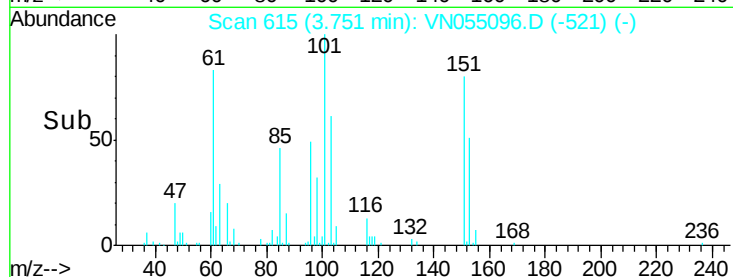
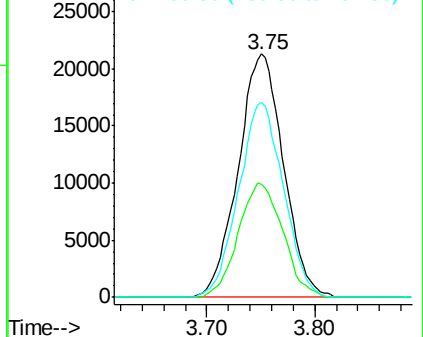
101 100

85 46.0 36.9 55.3

151 79.4 64.4 96.6



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: 18.358 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

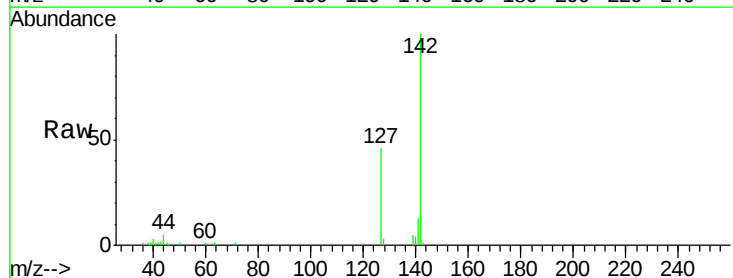
Tgt Ion:142 Resp: 88822

Ion Ratio Lower Upper

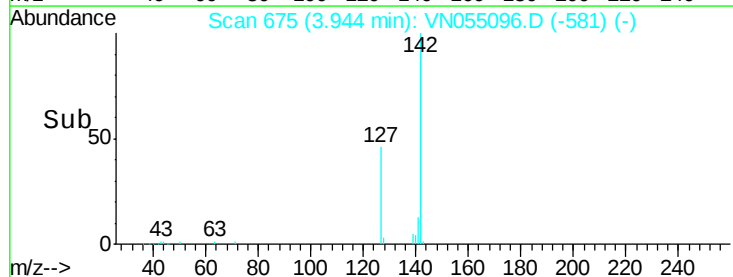
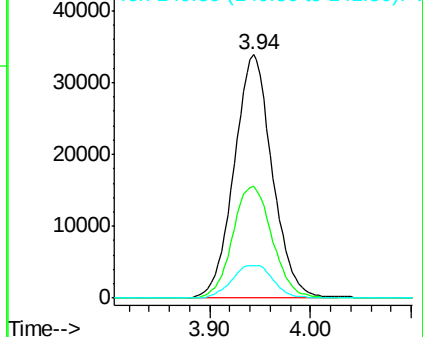
142 100

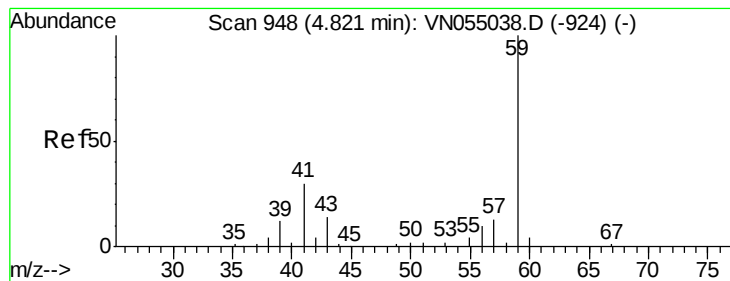
127 47.6 37.9 56.9

141 14.6 11.8 17.8



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



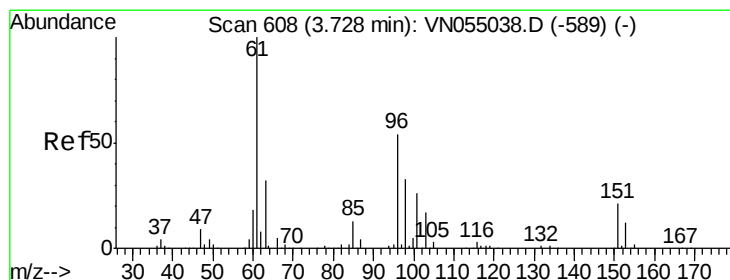
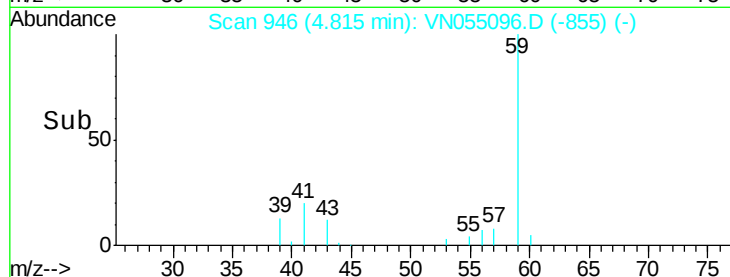
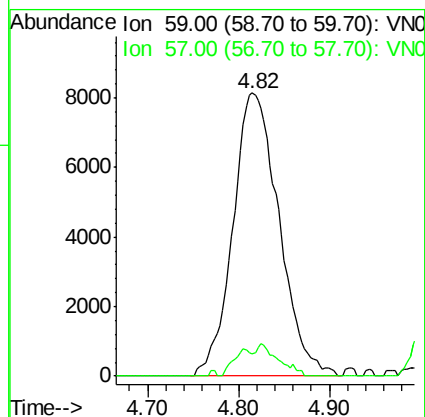
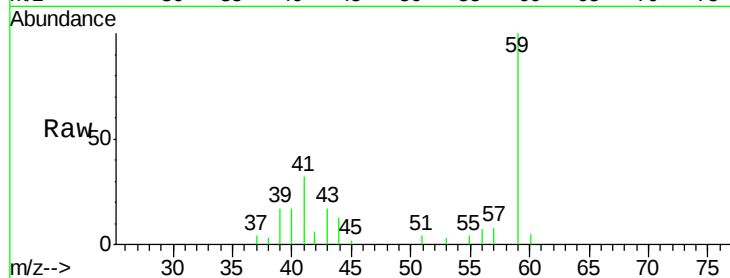


#11

Tert butyl alcohol
 Concen: 102.876 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

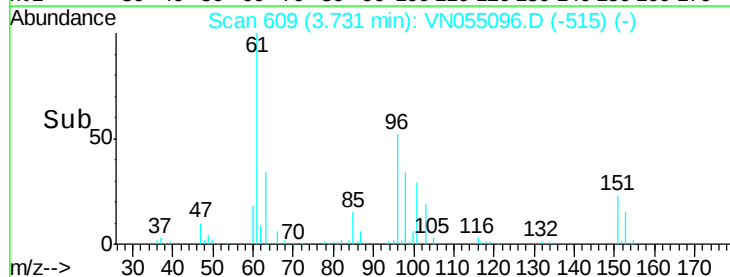
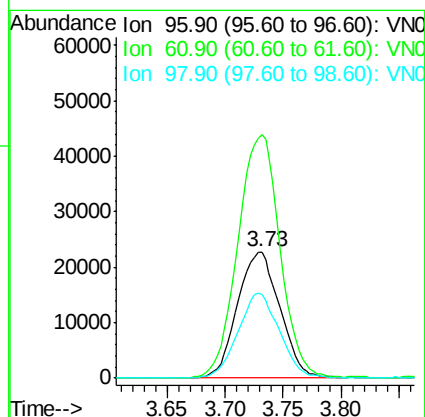
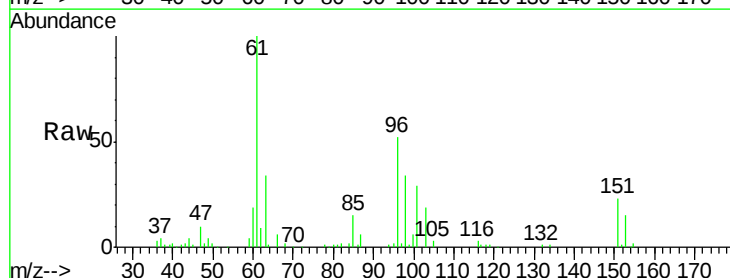
Tot Ion: 59 Resp: 28660
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.3 12.5#

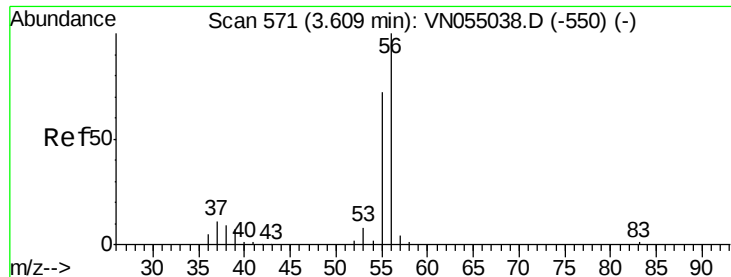


#12

1,1-Dichloroethene
 Concen: 19.033 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion: 96 Resp: 57762
 Ion Ratio Lower Upper
 96 100
 61 192.7 154.2 231.4
 98 65.7 52.9 79.3





#13

Acrolein

Concen: 78.530 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

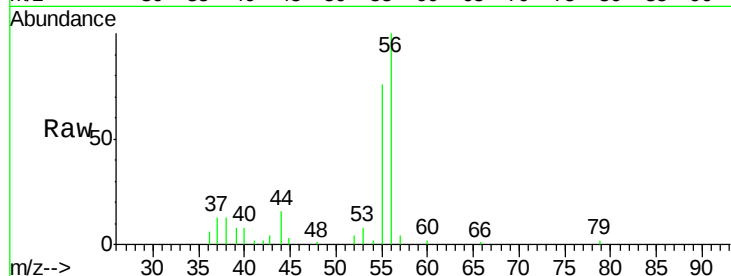
ClientSampleId :

Tot Ion: 56 Resp: 27042

Ion Ratio Lower Upper

56 100

55 73.0 59.5 89.3

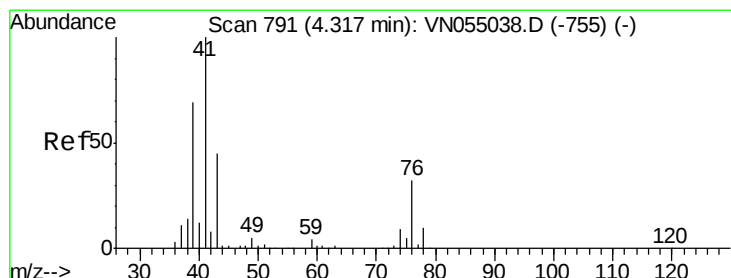
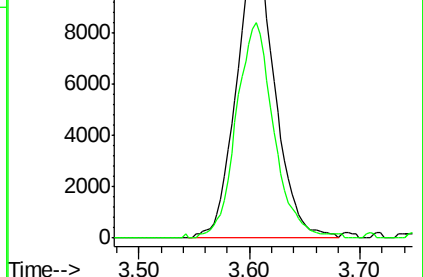
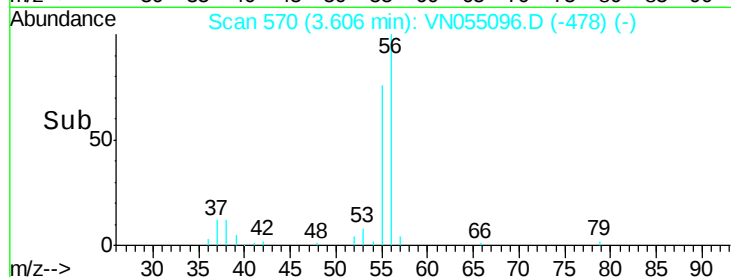


Abundance Ion 56.00 (55.70 to 56.70): VN055096.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN055096.D (-478) (-)

3.61

Time-->



#14

Allyl chloride

Concen: 20.173 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

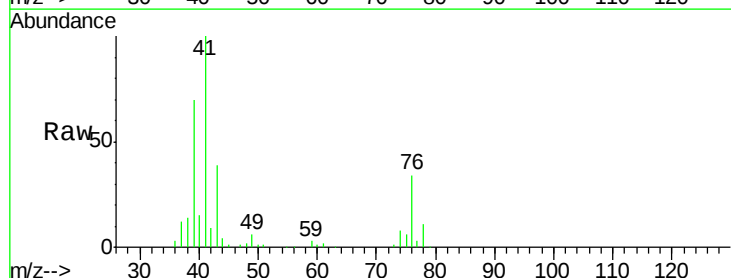
Tgt Ion: 41 Resp: 149852

Ion Ratio Lower Upper

41 100

39 66.5 52.7 79.1

76 30.2 23.2 34.8



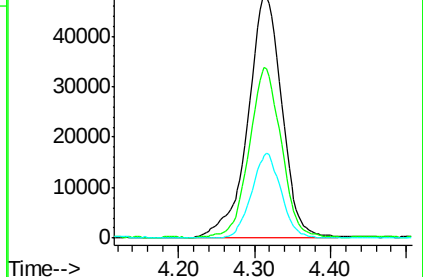
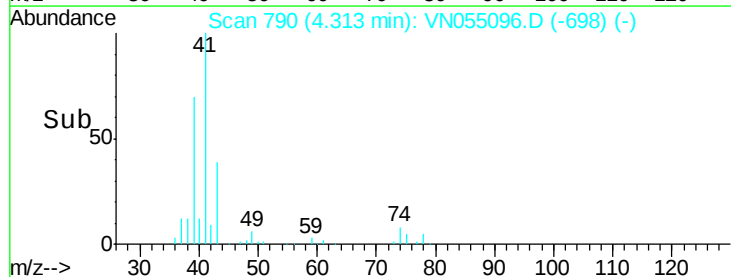
Abundance Ion 41.00 (40.70 to 41.70): VN055096.D (-698) (-)

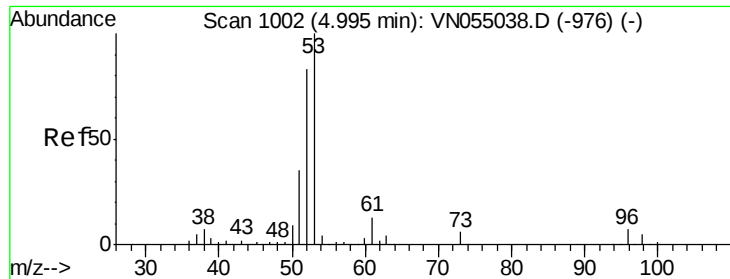
Ion 39.00 (38.70 to 39.70): VN055096.D (-698) (-)

Ion 75.90 (75.60 to 76.60): VN055096.D (-698) (-)

4.31

Time-->

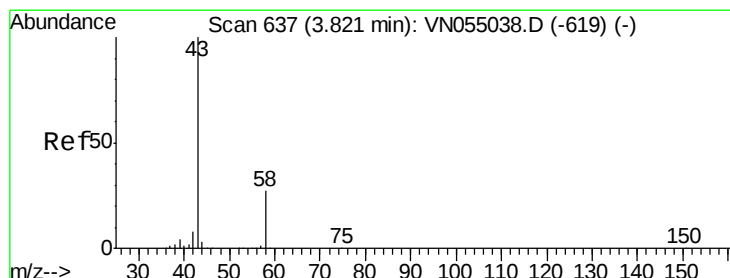
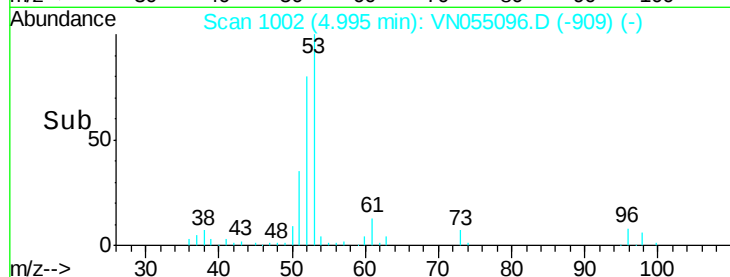
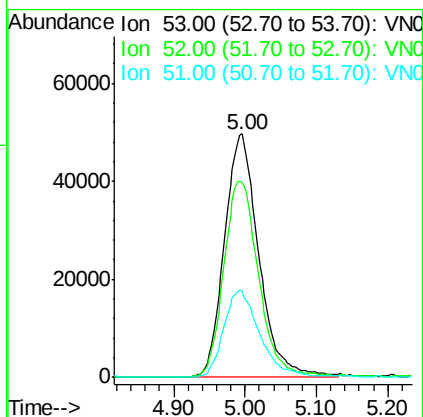
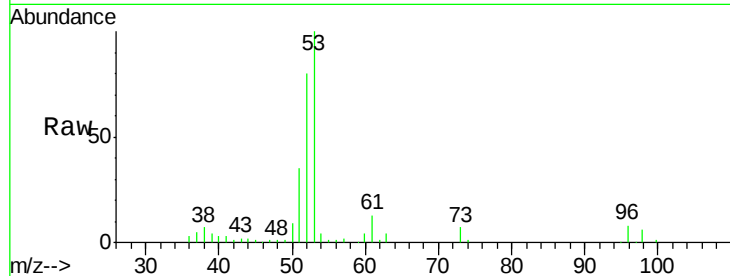




#15
 Acrylonitrile
 Concen: 100.135 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

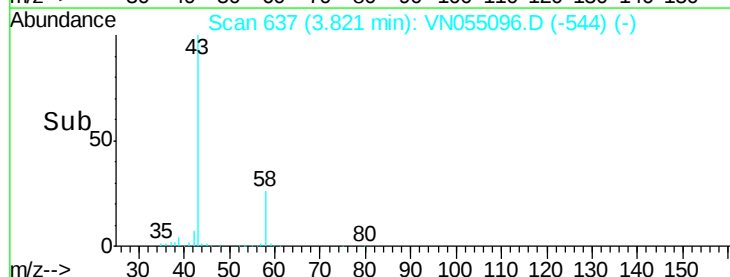
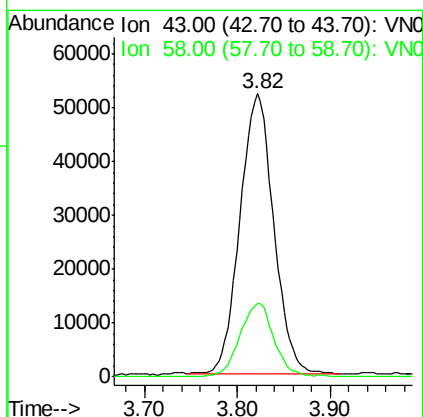
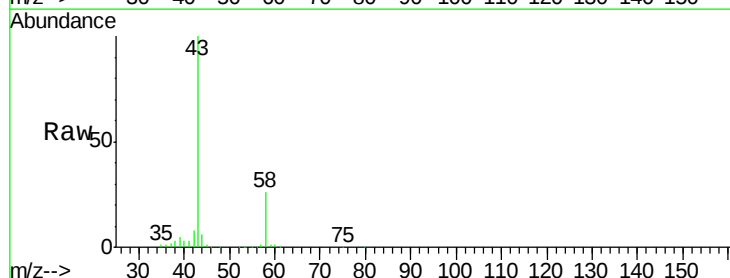
Instrument :
 MSVOA_N
 ClientSampleId :

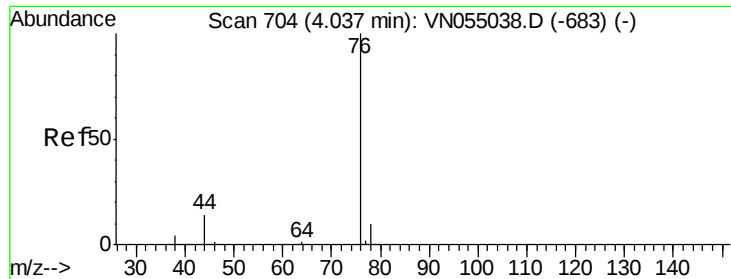
Tot Ion: 53 Resp: 166905
 Ion Ratio Lower Upper
 53 100
 52 81.4 65.9 98.9
 51 37.3 29.7 44.5



#16
 Acetone
 Concen: 95.392 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion: 43 Resp: 131591
 Ion Ratio Lower Upper
 43 100
 58 25.9 20.9 31.3

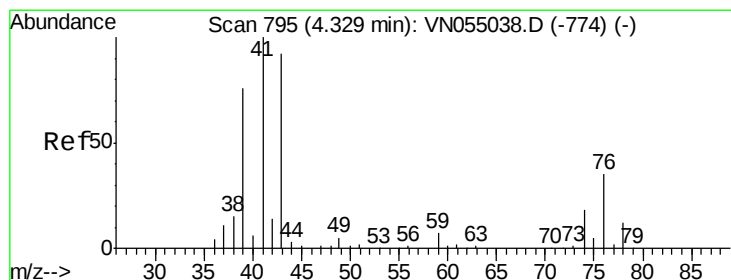
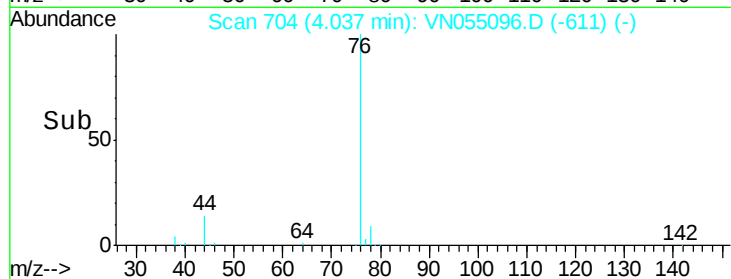
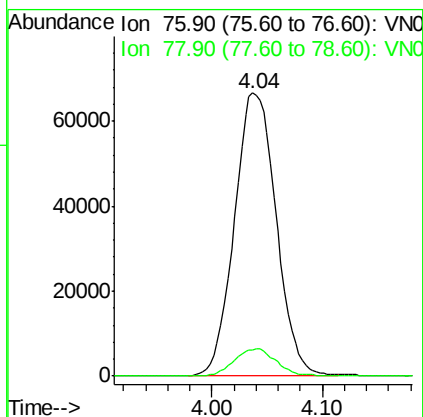
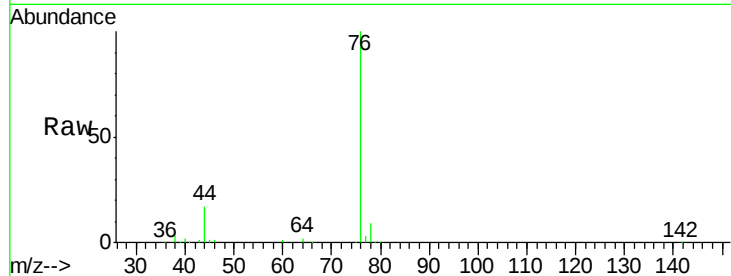




#17
Carbon Disulfide
Concen: 17.864 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

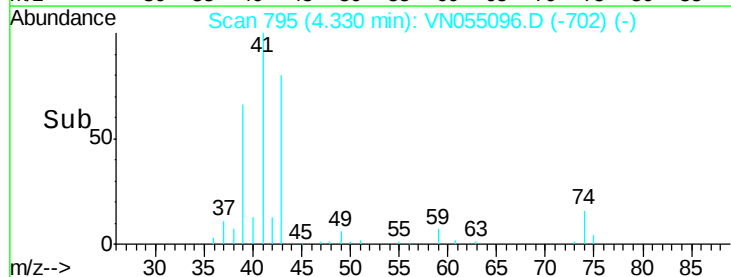
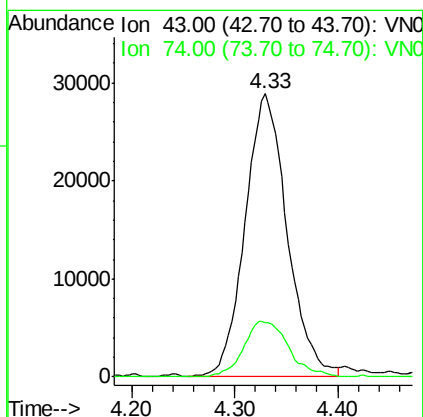
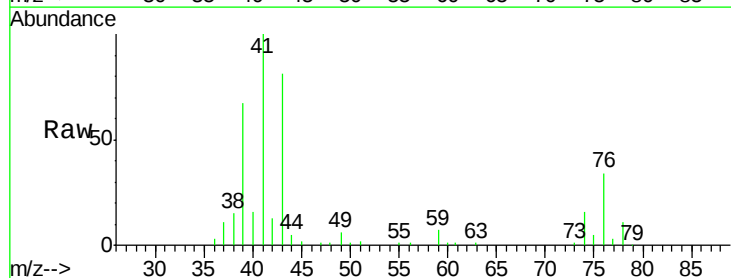
Instrument :
MSVOA_N
ClientSampled :

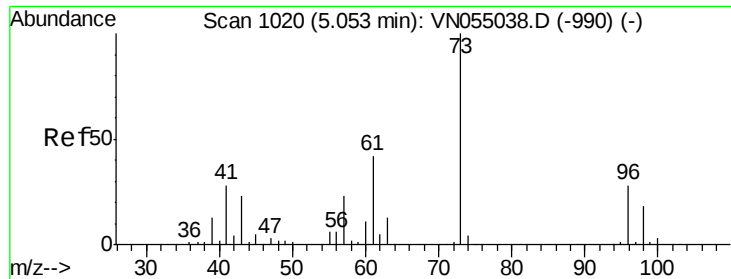
Tot Ion: 76 Resp: 175004
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.374 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 43 Resp: 82032
Ion Ratio Lower Upper
43 100
74 20.8 16.1 24.1

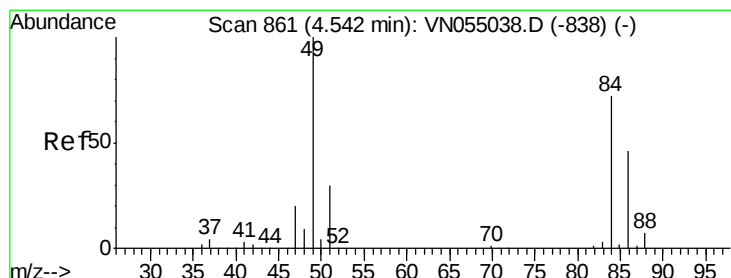
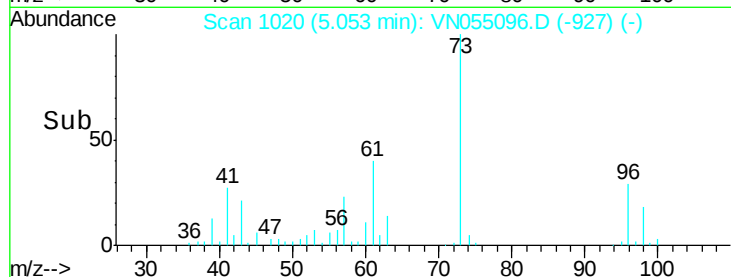
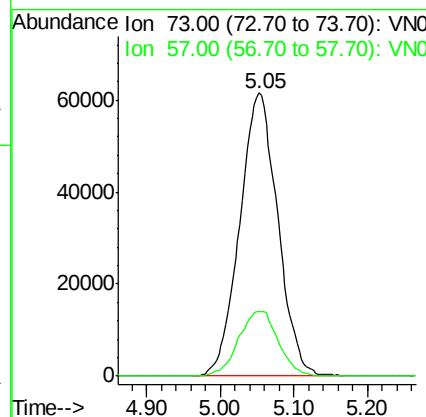
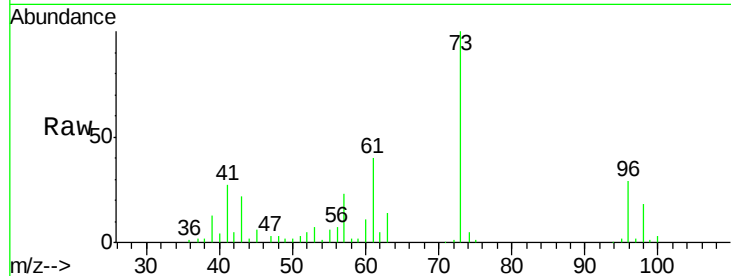




#19
Methvl tert-butvl Ether
Concen: 20.335 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

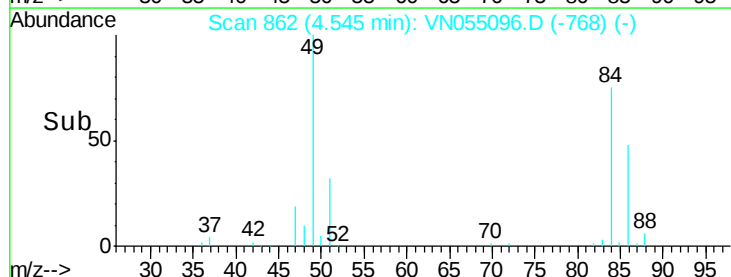
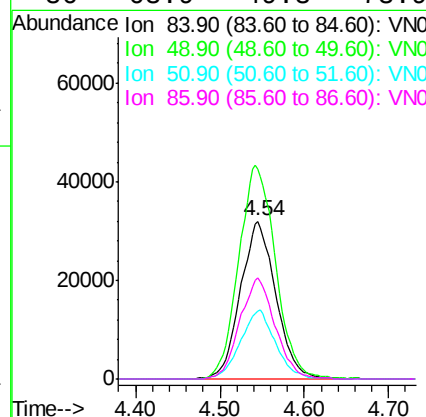
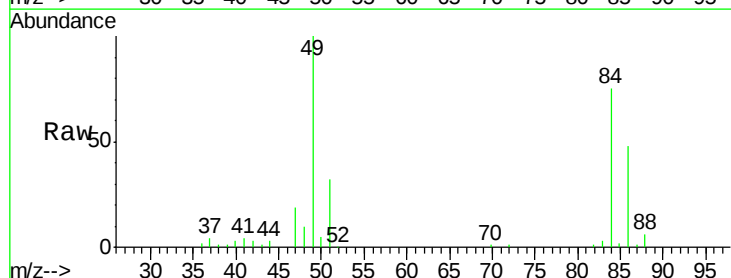
Instrument :
MSVOA_N
ClientSampleId :

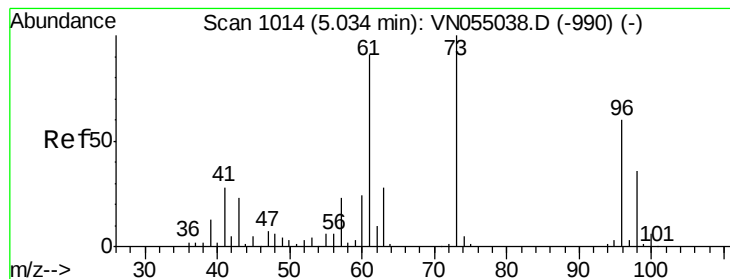
Tot Ion: 73 Resp: 220756
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.4



#20
Methylene Chloride
Concen: 19.235 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 84 Resp: 93279
Ion Ratio Lower Upper
84 100
49 133.2 109.4 164.2
51 42.9 32.2 48.4
86 63.9 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 19.738 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

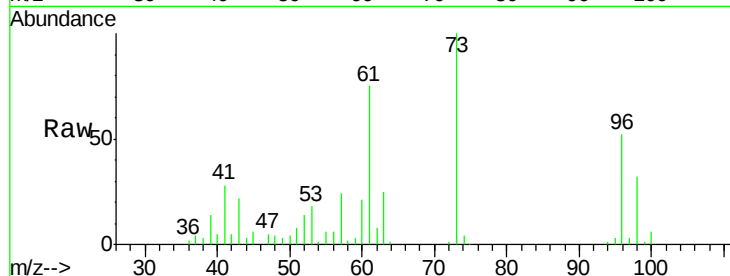
Tot Ion: 96 Resp: 81014

Ion Ratio Lower Upper

96 100

61 143.2 114.9 172.3

98 62.3 48.4 72.6

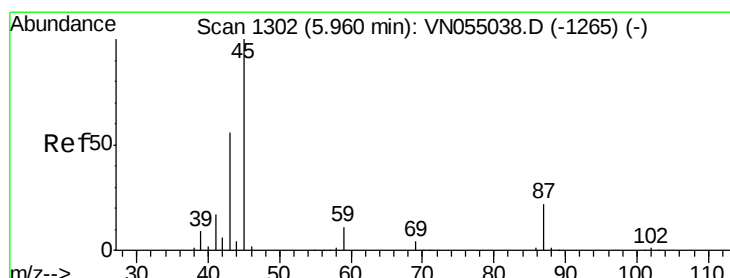
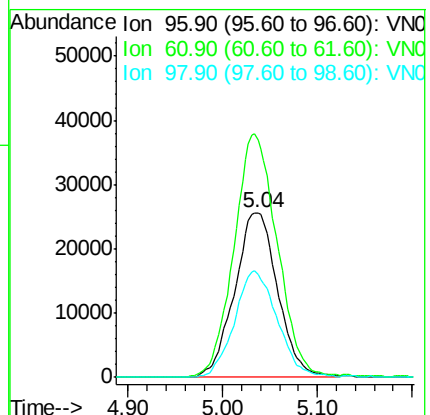
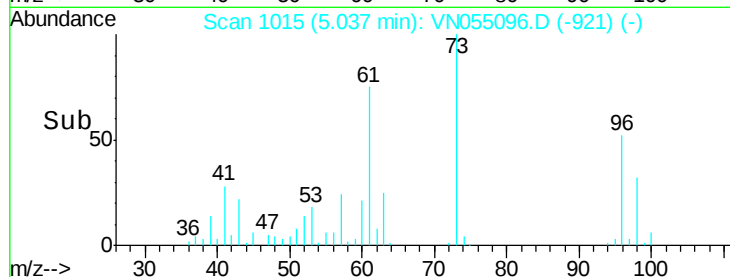


Abundance

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



#22

Diisopropyl ether

Concen: 20.482 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Tgt Ion: 45 Resp: 312778

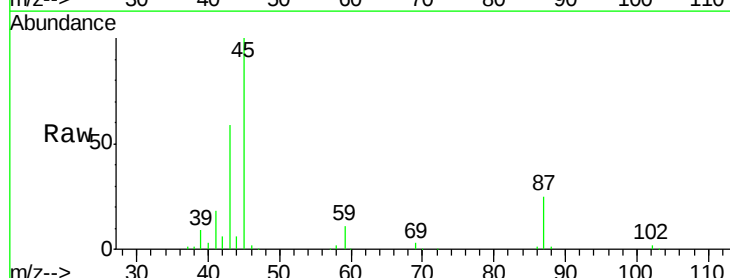
Ion Ratio Lower Upper

45 100

43 57.4 44.8 67.2

87 24.3 18.9 28.3

59 10.5 7.9 11.9



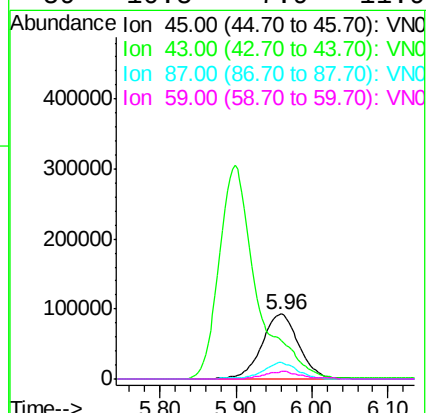
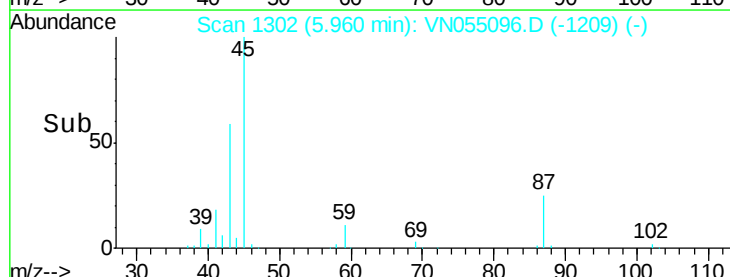
Abundance

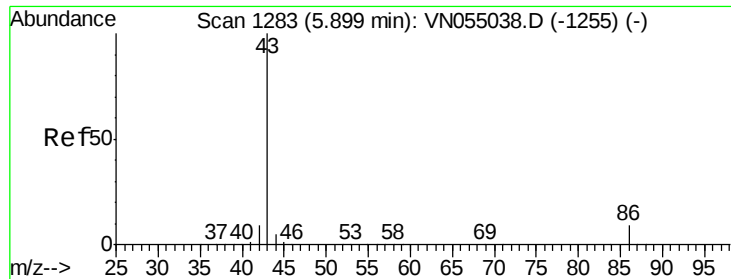
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 103.978 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

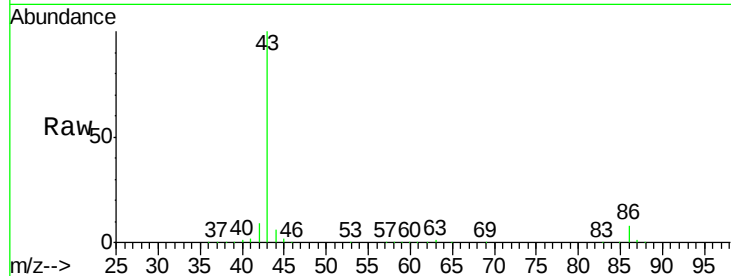
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1049538

Ion Ratio Lower Upper

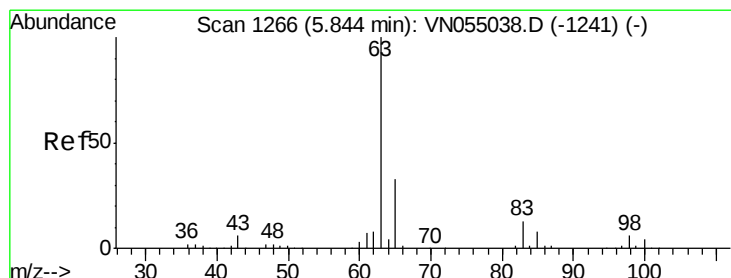
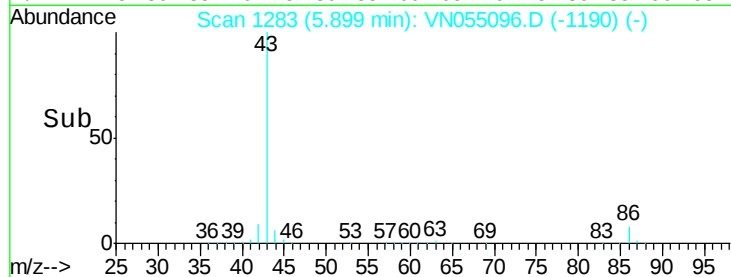
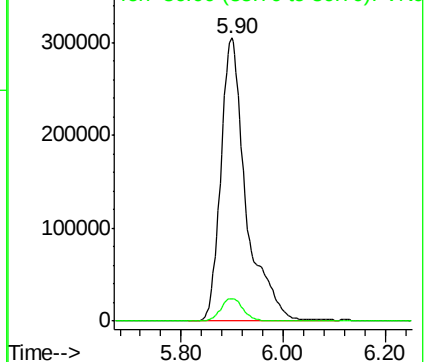
43 100

86 7.8 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.449 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

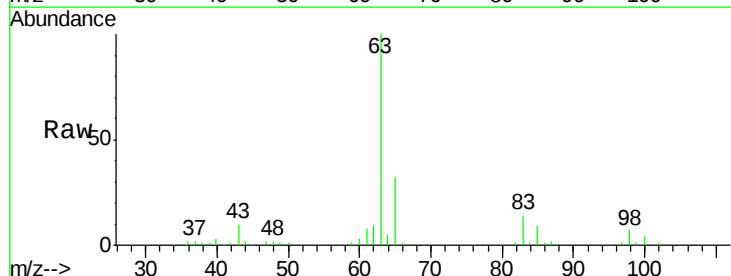
Tgt Ion: 63 Resp: 166291

Ion Ratio Lower Upper

63 100

98 7.0 2.8 8.4

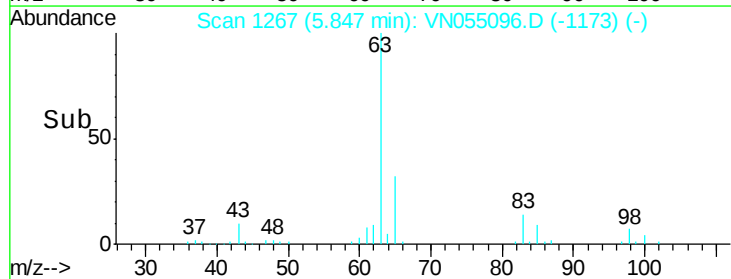
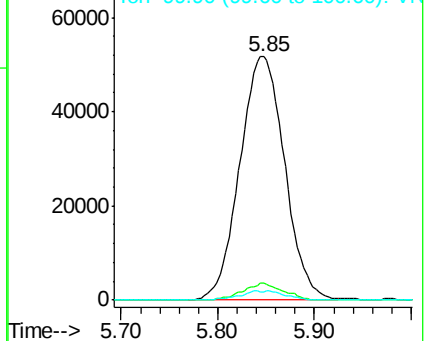
100 3.5 2.0 5.8

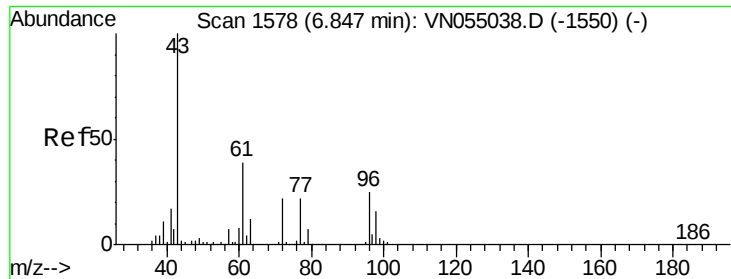


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

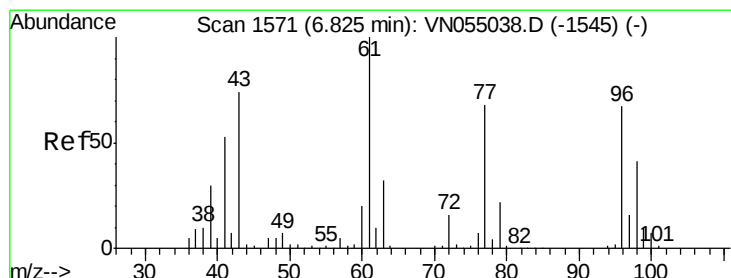
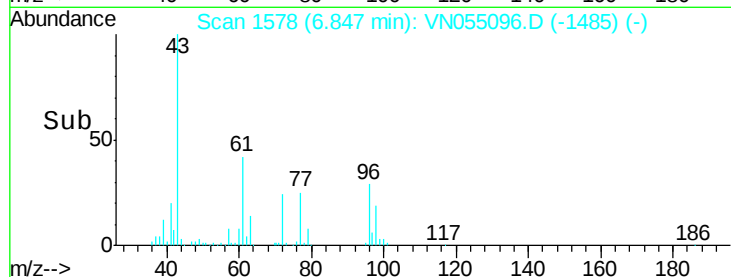
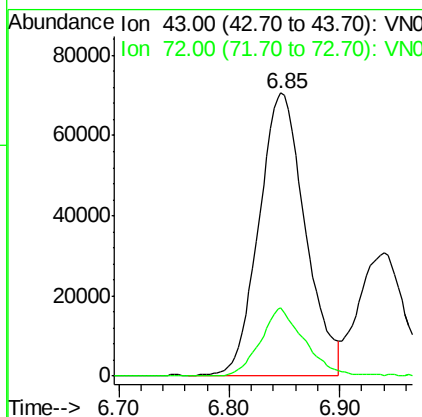
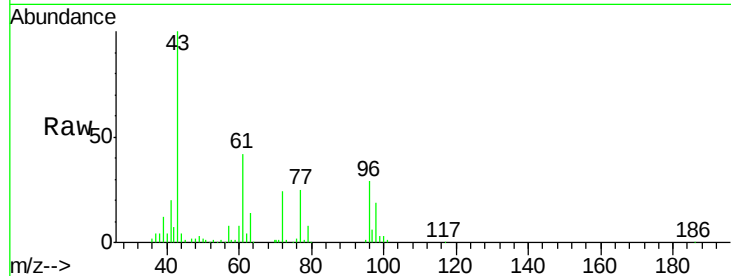




#25
2-Butanone
Concen: 99.376 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

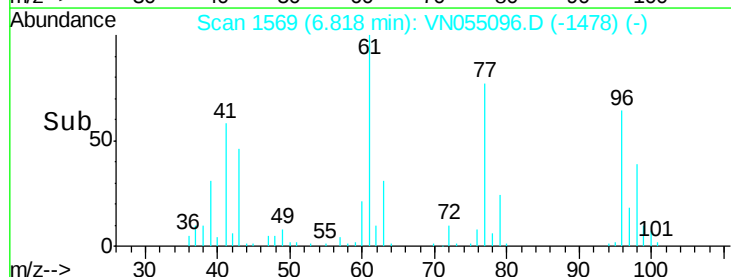
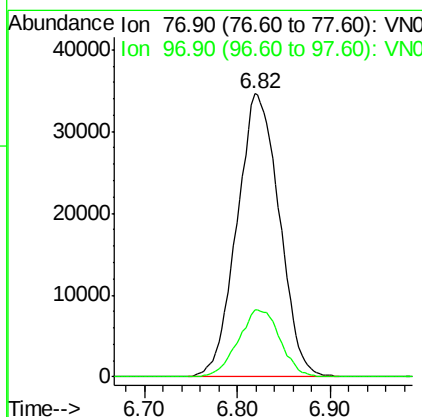
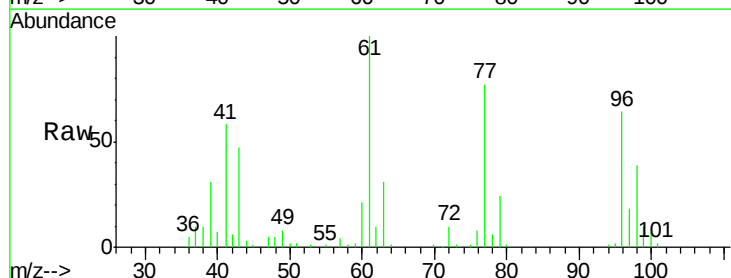
Instrument :
MSVOA_N
ClientSampled :

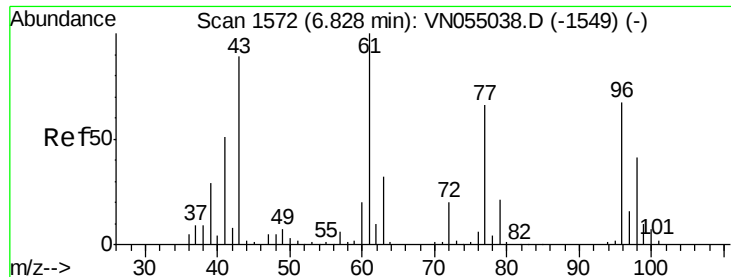
Tot Ion: 43 Resp: 204600
Ion Ratio Lower Upper
43 100
72 24.2 18.1 27.1



#26
2,2-Dichloropropane
Concen: 21.357 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 77 Resp: 109617
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.467 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

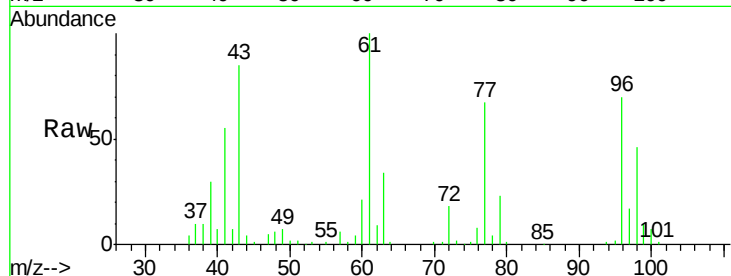
Tot Ion: 96 Resp: 95042

Ion Ratio Lower Upper

96 100

61 152.8 0.0 311.0

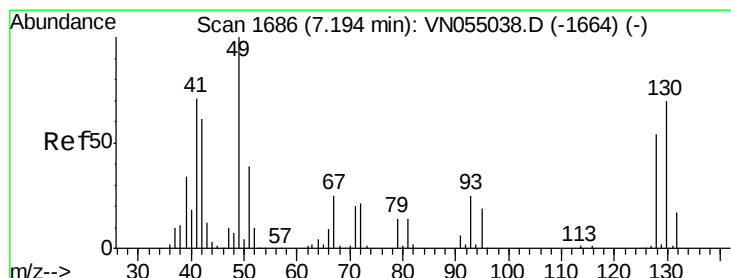
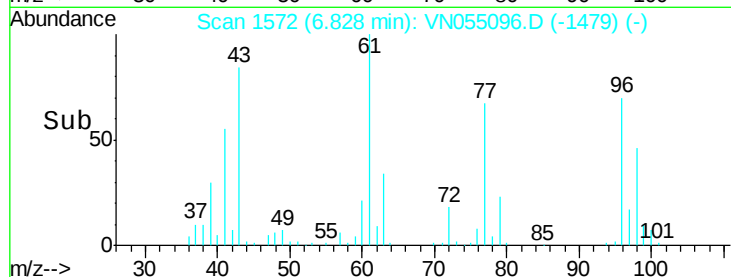
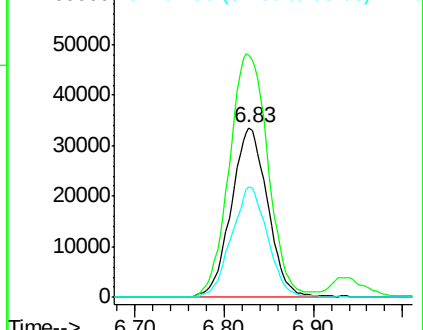
98 64.5 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN055096.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN055096.D (-1593) (-)

Ion 97.90 (97.60 to 98.60): VN055096.D (-1593) (-)



#28

Bromochloromethane

Concen: 19.434 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

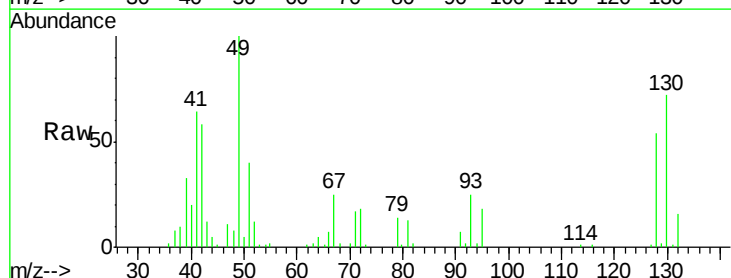
Tgt Ion: 49 Resp: 76183

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.0

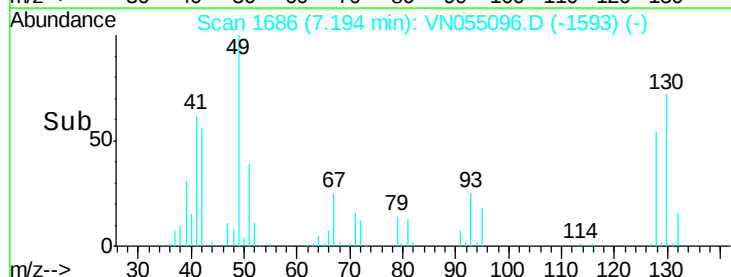
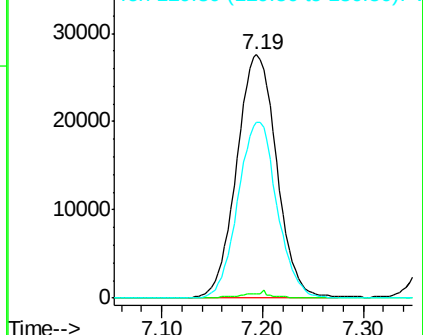
130 70.2 53.4 80.2

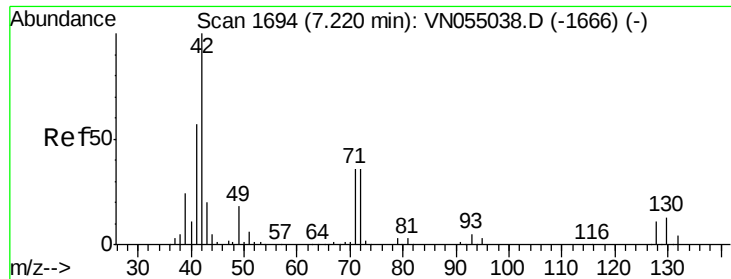


Abundance Ion 48.90 (48.60 to 49.60): VN055096.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN055096.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN055096.D (-1593) (-)

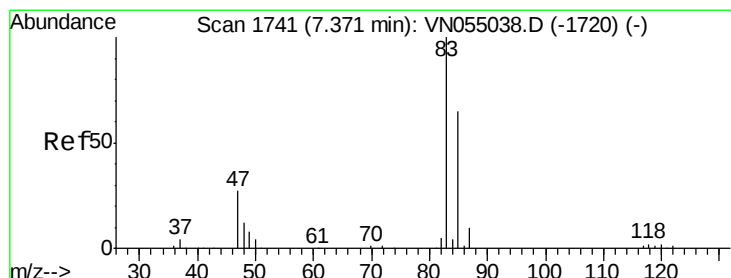
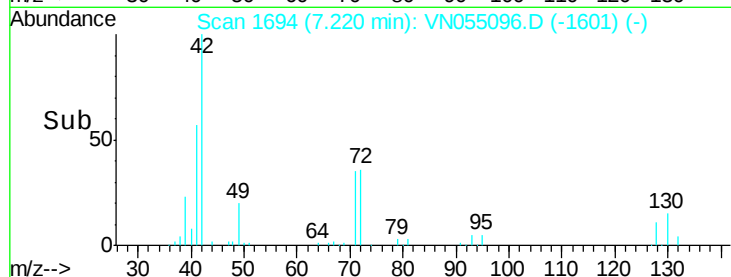
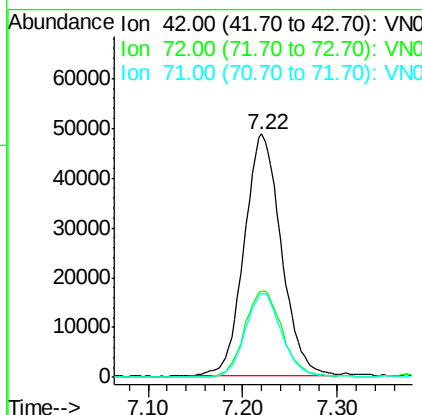
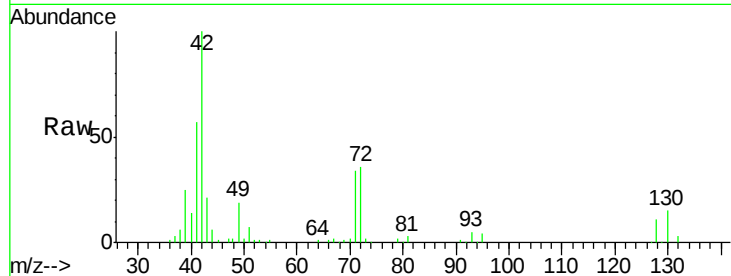




#29
Tetrahydrofuran
Concen: 98.388 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

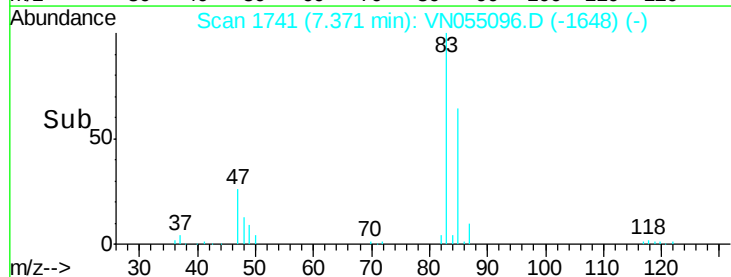
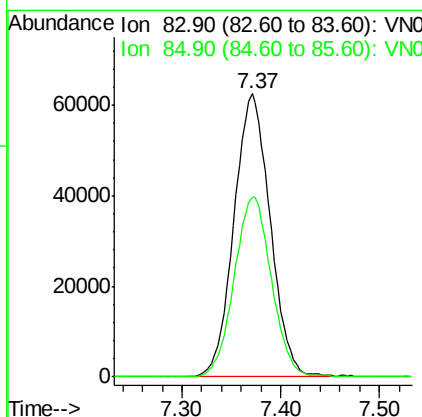
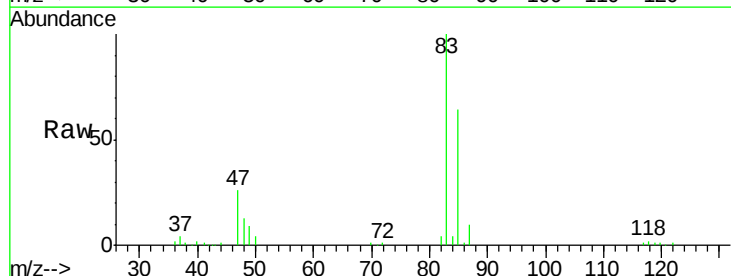
Instrument :
MSVOA_N
ClientSampled :

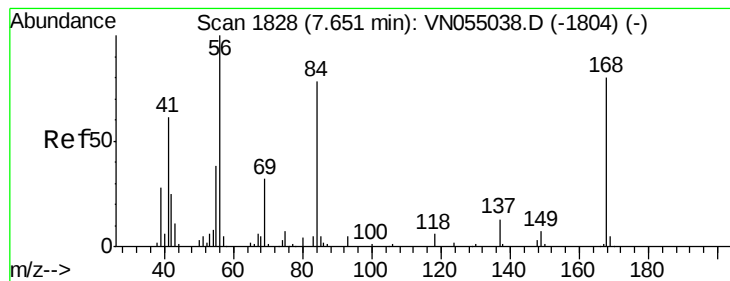
Tot Ion: 42 Resp: 132837
Ion Ratio Lower Upper
42 100
72 36.2 29.4 44.0
71 34.2 27.8 41.6



#30
Chloroform
Concen: 20.183 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 83 Resp: 159423
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6





#31

Cyclohexane

Concen: 19.954 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

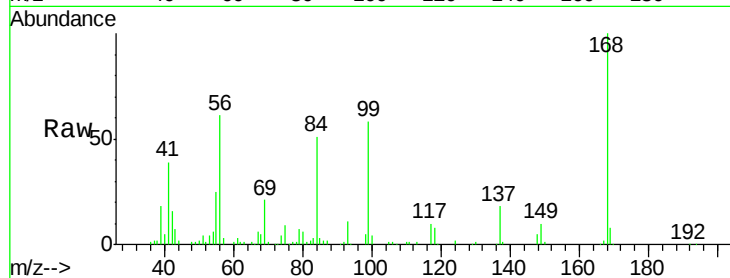
Tot Ion: 56 Resp: 148858

Ion Ratio Lower Upper

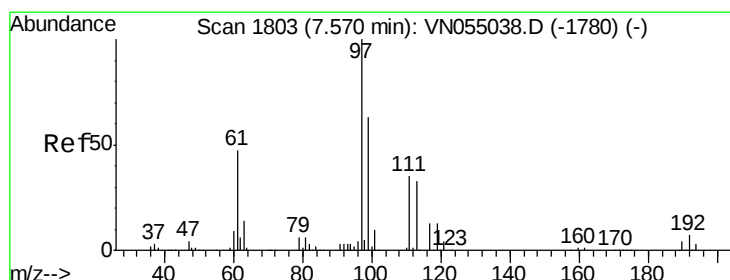
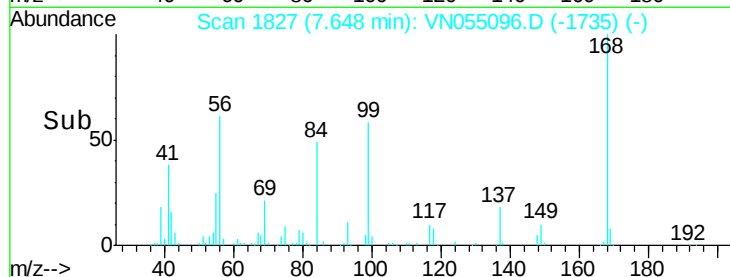
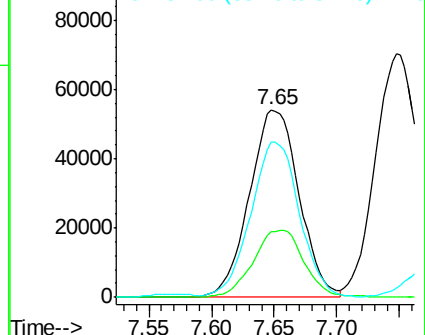
56 100

69 34.9 24.5 36.7

84 81.1 62.9 94.3



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



#32

1,1,1-Trichloroethane

Concen: 20.116 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

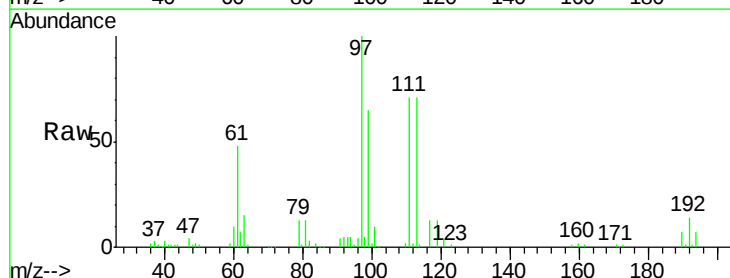
Tgt Ion: 97 Resp: 125889

Ion Ratio Lower Upper

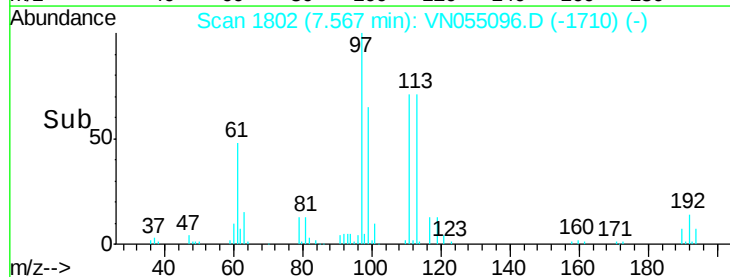
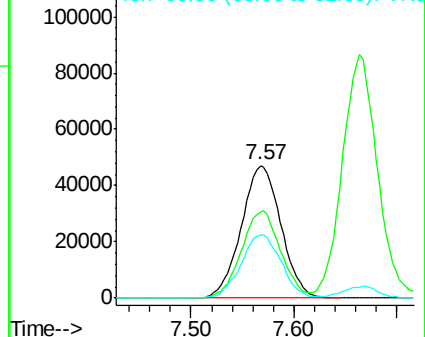
97 100

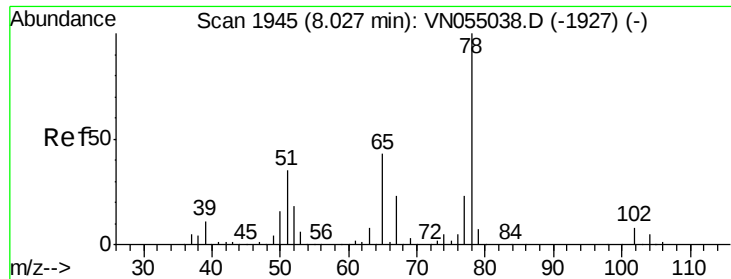
99 65.1 51.6 77.4

61 48.3 38.3 57.5



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

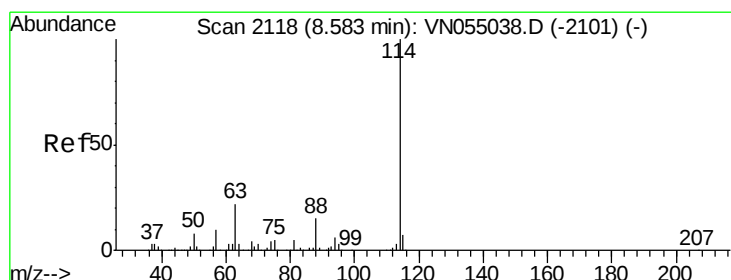
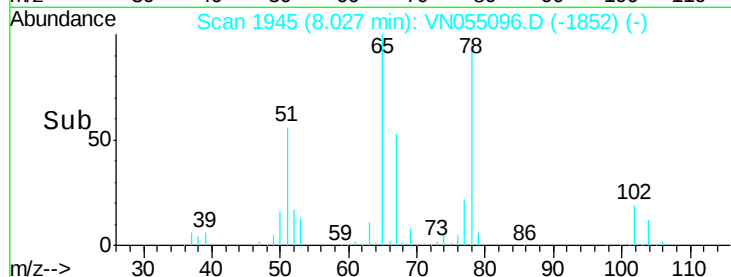
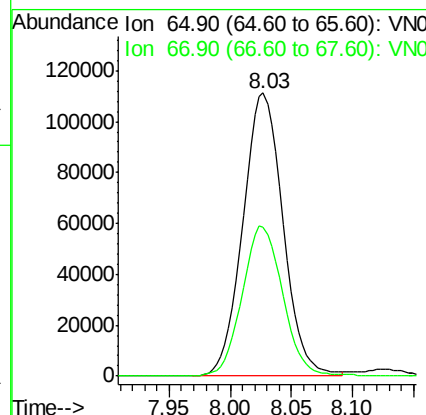
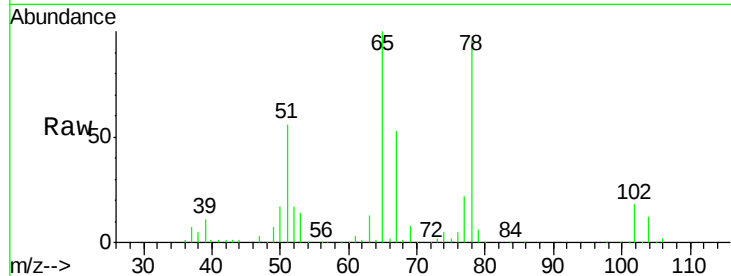




#33
 1,2-Dichloroethane-d4
 Concen: 49.817 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

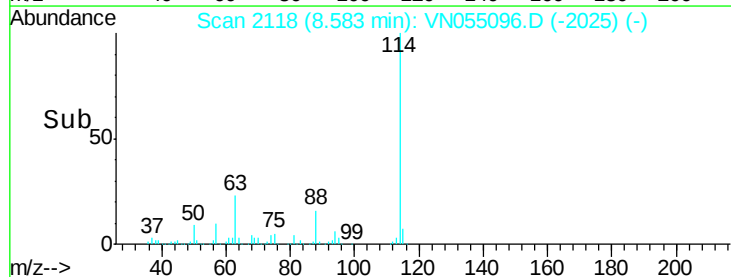
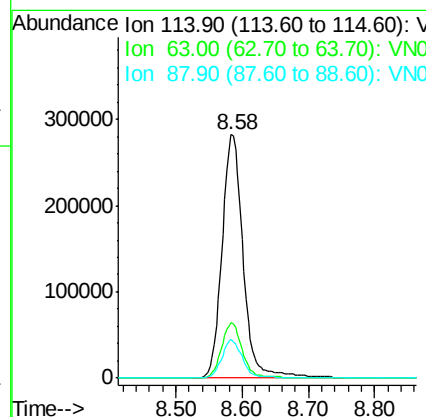
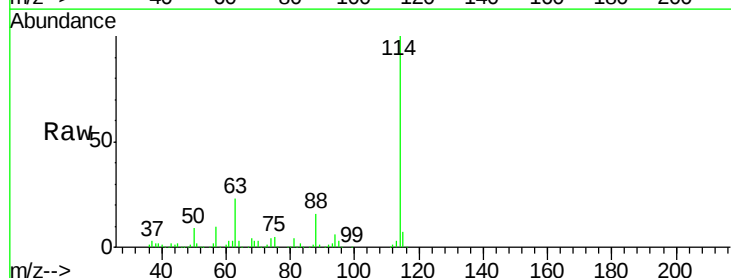
Instrument :
 MSVOA_N
 ClientSampled :

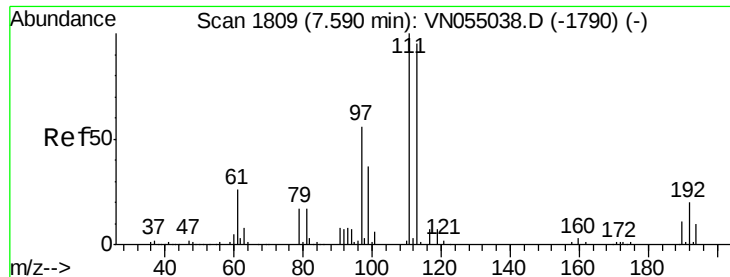
Tot Ion: 65 Resp: 253192
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion: 114 Resp: 627067
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 15.7 0.0 31.8

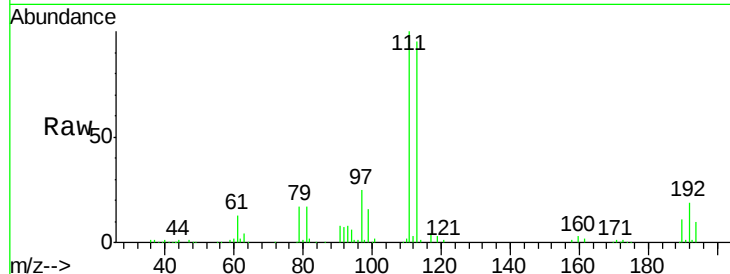




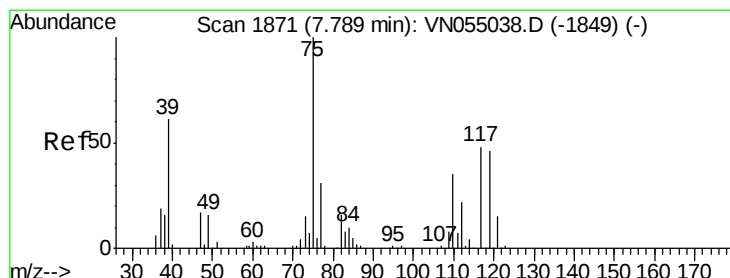
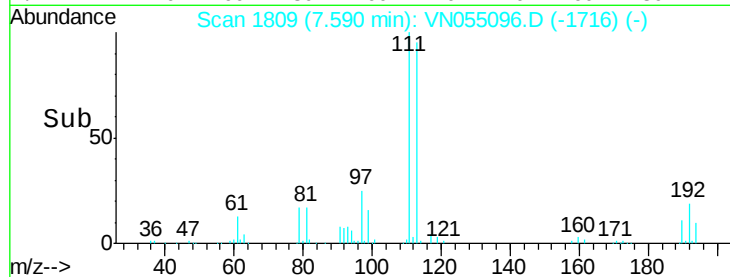
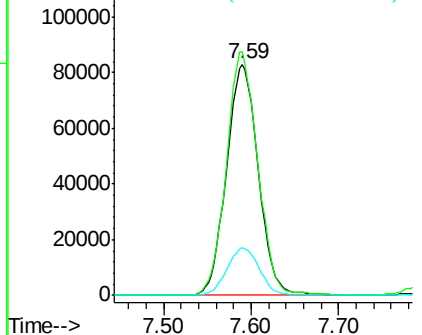
#35
 Dibromofluoromethane
 Concen: 49.943 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.1	123.1
192	20.9	16.5	24.7

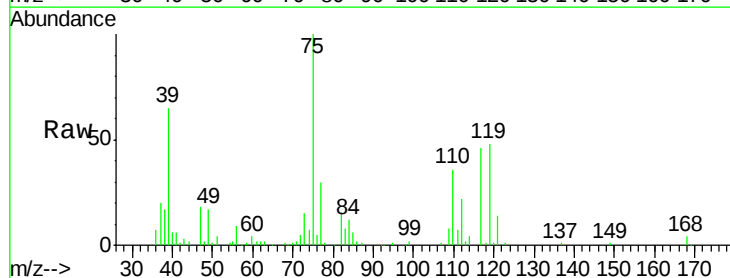


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

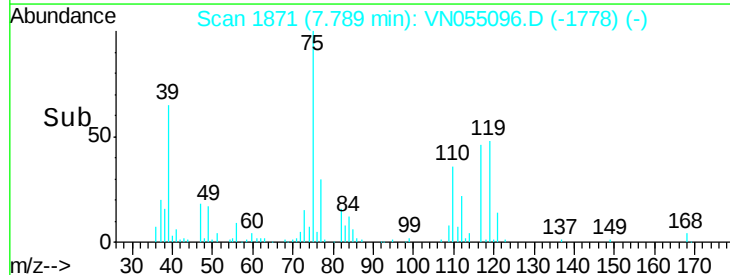
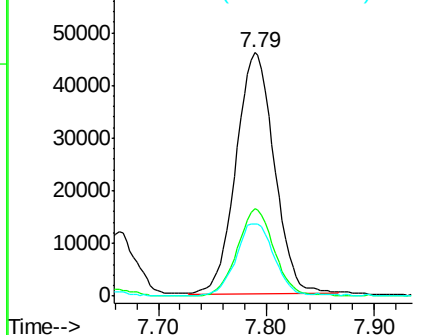


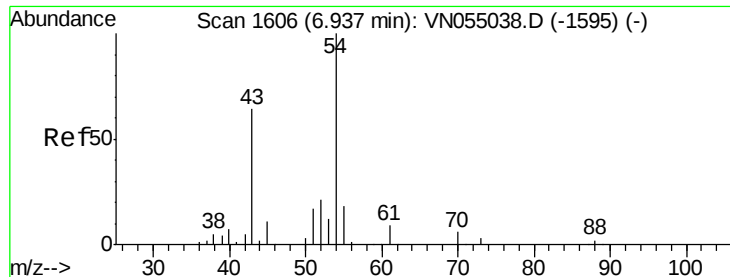
#36
 1,1-Dichloropropene
 Concen: 19.079 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.5	52.5
77	30.2	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

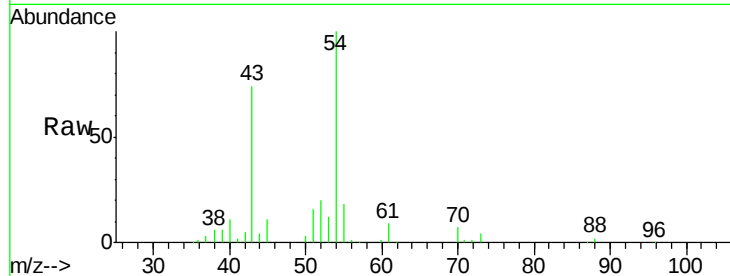




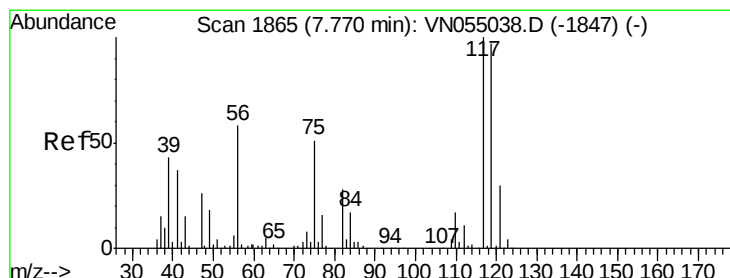
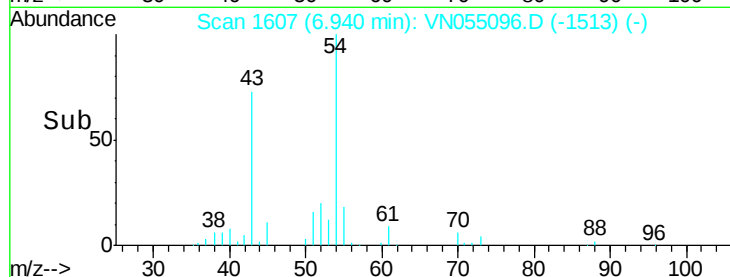
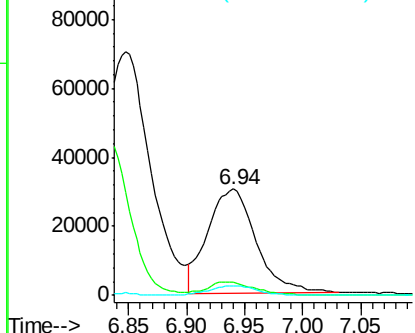
#37
Ethyl Acetate
Concen: 18.148 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 87335
Ion Ratio Lower Upper
43 100
61 11.6 10.0 15.0
70 9.0 7.1 10.7

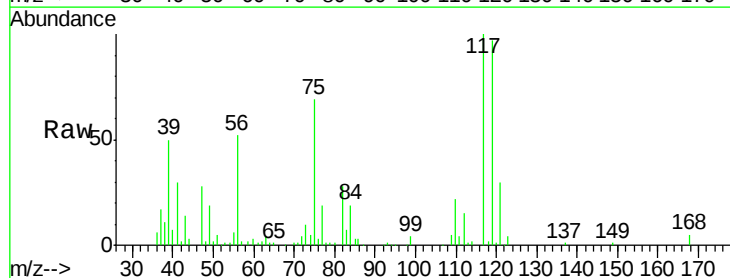


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

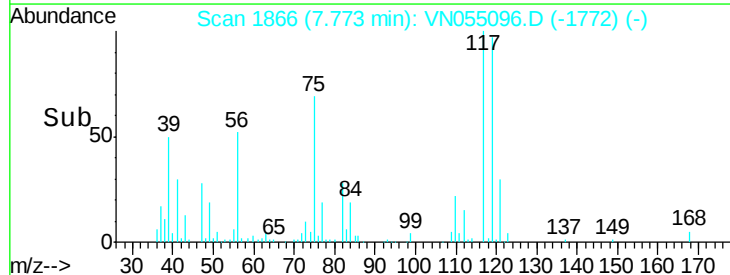
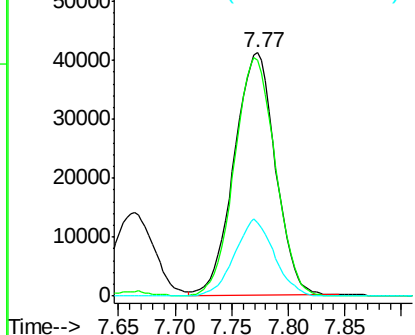


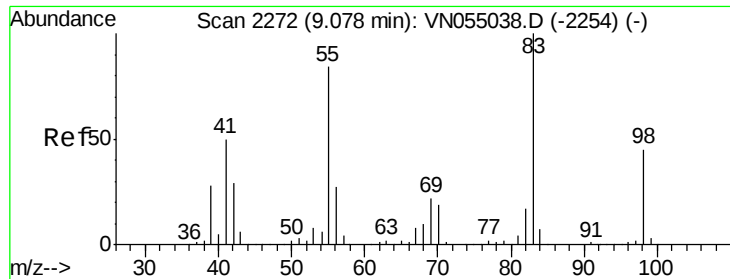
#38
Carbon Tetrachloride
Concen: 18.611 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 117 Resp: 104667
Ion Ratio Lower Upper
117 100
119 97.5 76.3 114.5
121 30.5 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

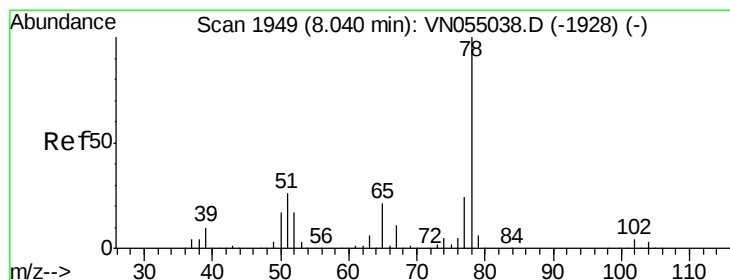
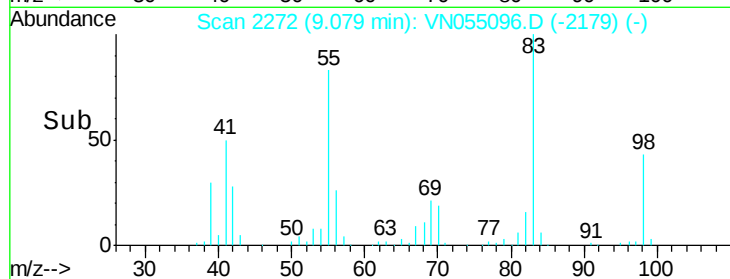
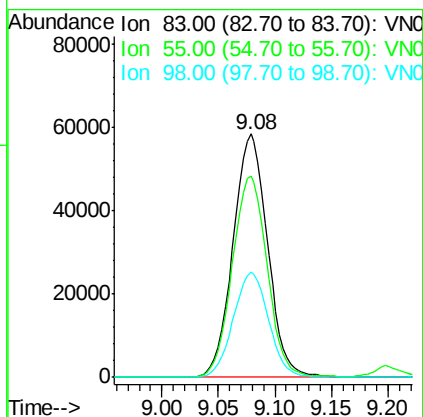
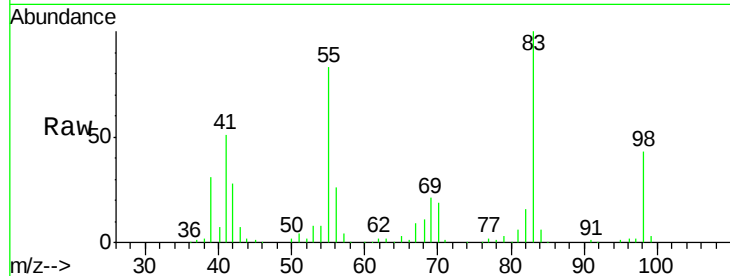




#39
Methvlcvclohexane
Concen: 19.396 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

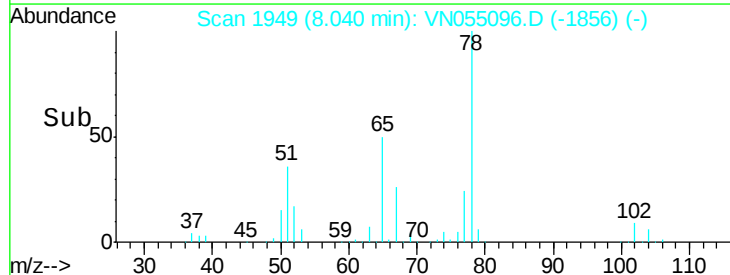
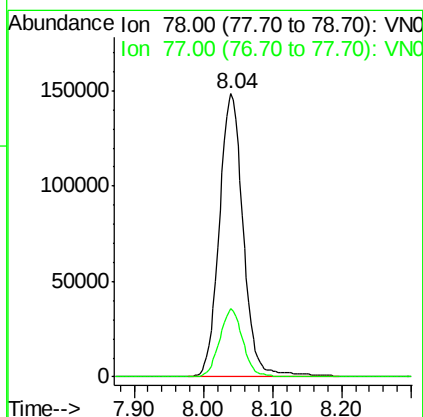
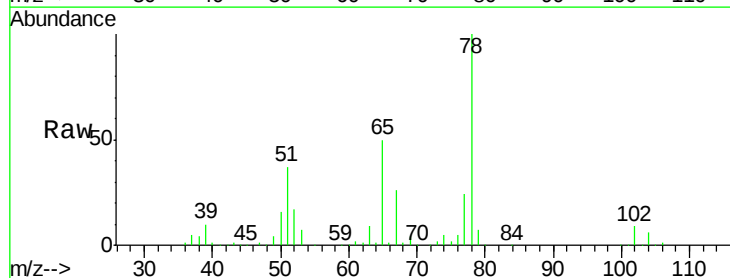
Instrument :
MSVOA_N
ClientSampled :

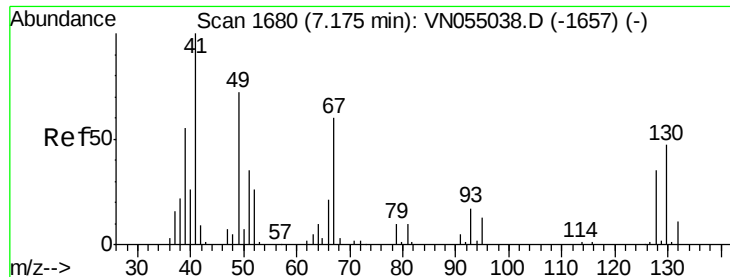
Tot Ion: 83 Resp: 124244
Ion Ratio Lower Upper
83 100
55 82.9 67.0 100.4
98 43.3 35.6 53.4



#40
Benzene
Concen: 20.120 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 78 Resp: 358461
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41

Methacrylonitrile

Concen: 20.217 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 54008

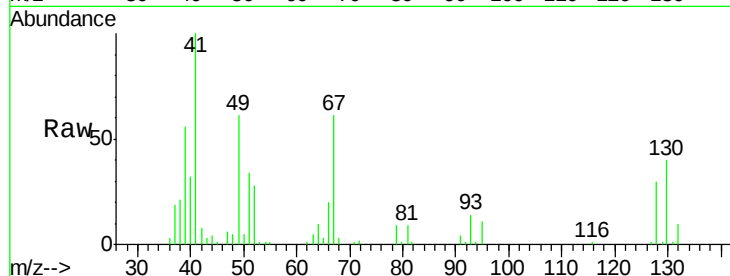
Ion Ratio Lower Upper

41 100

39 57.2 45.6 68.4

67 66.6 57.0 85.6

52 29.2 23.6 35.4

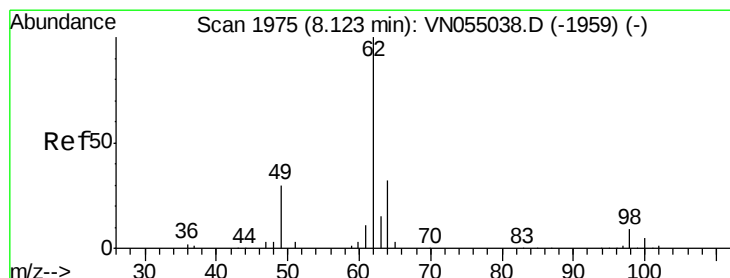
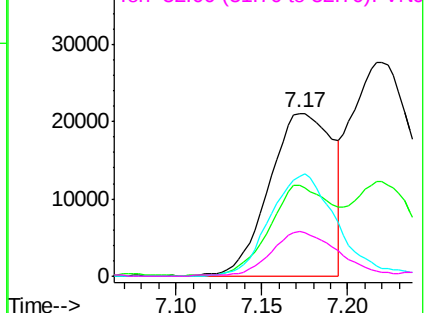
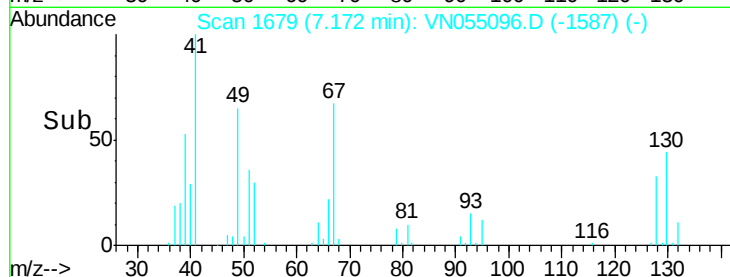


Abundance Ion 41.00 (40.70 to 41.70): VN055038.D (-1657) (-)

Ion 39.00 (38.70 to 39.70): VN055038.D (-1657) (-)

Ion 67.00 (66.70 to 67.70): VN055038.D (-1657) (-)

Ion 52.00 (51.70 to 52.70): VN055038.D (-1657) (-)



#42

1,2-Dichloroethane

Concen: 20.046 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN055096.D

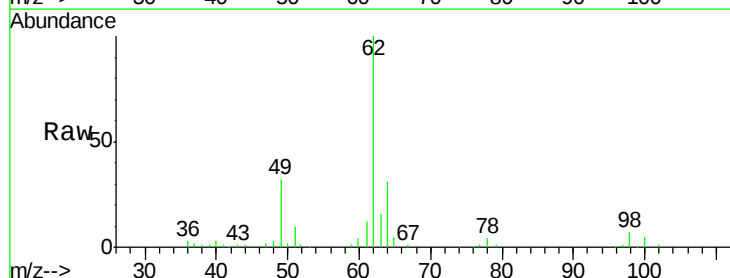
Acq: 17 Apr 2019 10:53

Tgt Ion: 62 Resp: 123998

Ion Ratio Lower Upper

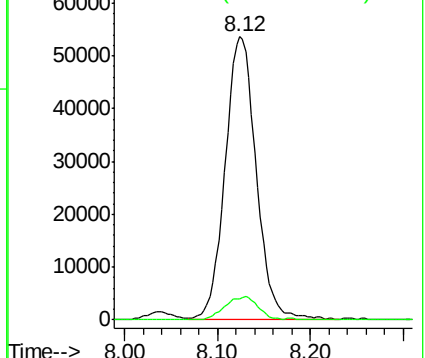
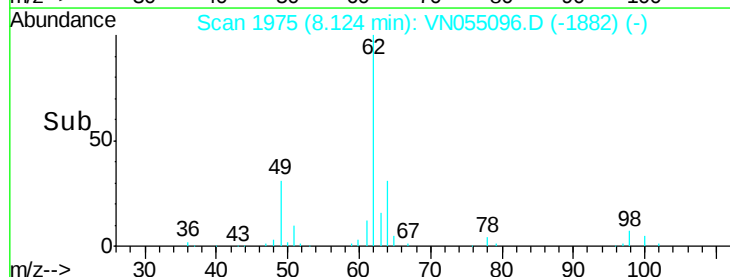
62 100

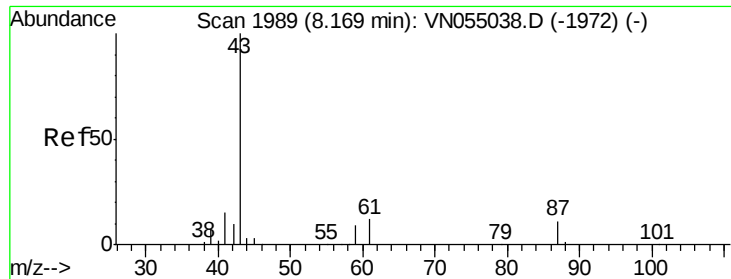
98 8.7 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VN055038.D (-1959) (-)

Ion 97.90 (97.60 to 98.60): VN055038.D (-1959) (-)





#43

Isopropyl Acetate

Concen: 19.310 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :

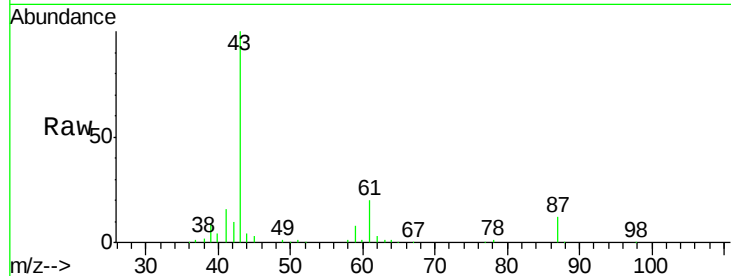
Tot Ion: 43 Resp: 143189

Ion Ratio Lower Upper

43 100

61 17.9 14.3 21.5

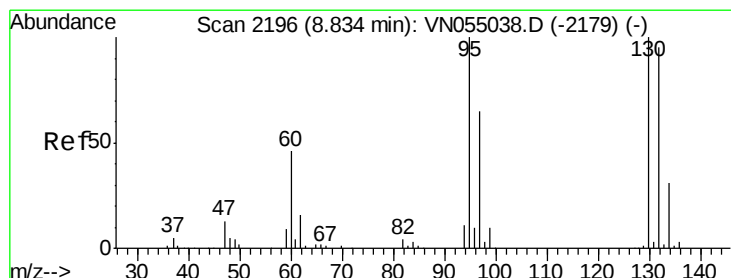
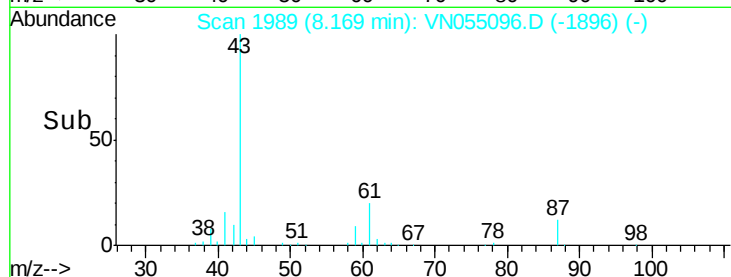
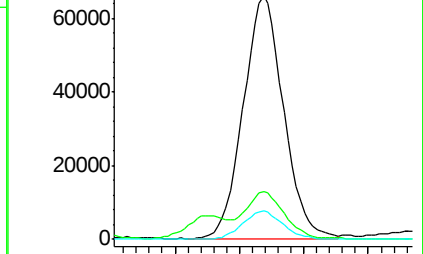
87 11.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)



#44

Trichloroethene

Concen: 20.245 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055096.D

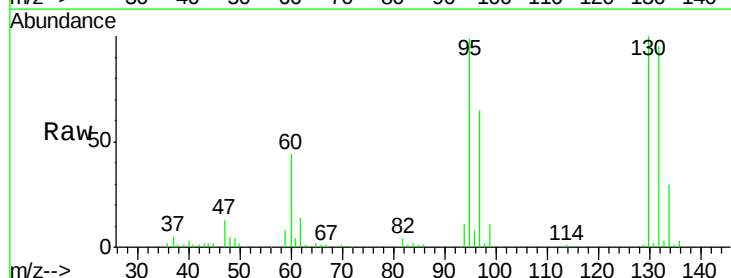
Acq: 17 Apr 2019 10:53

Tgt Ion:130 Resp: 90341

Ion Ratio Lower Upper

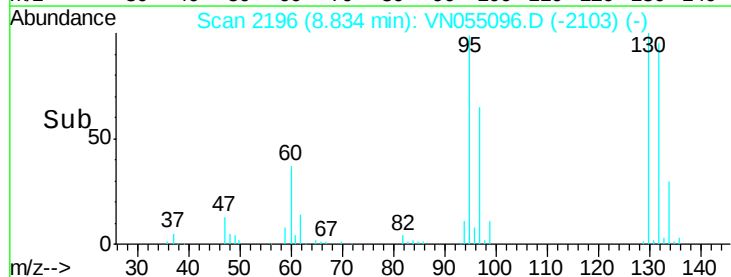
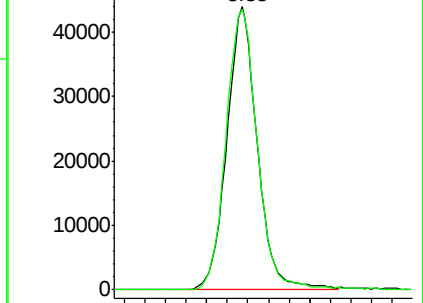
130 100

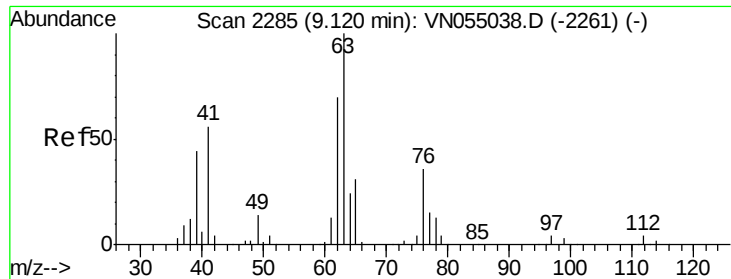
95 99.1 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN055038.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055038.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.865 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

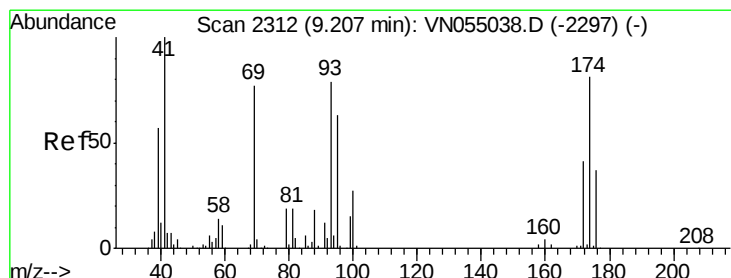
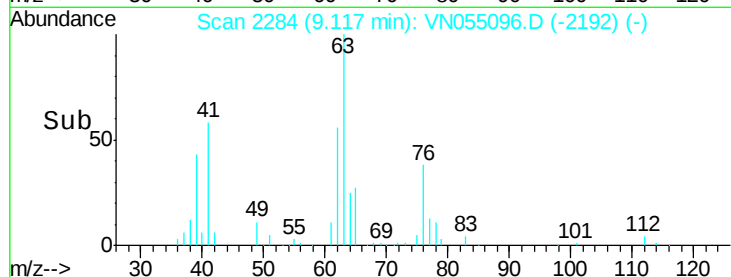
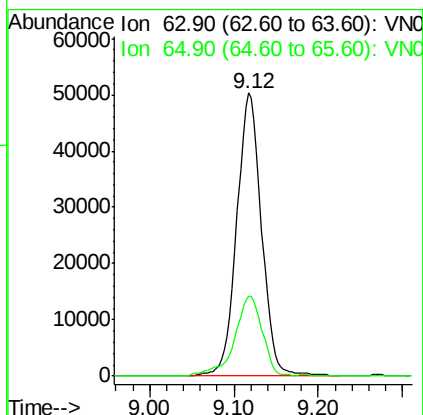
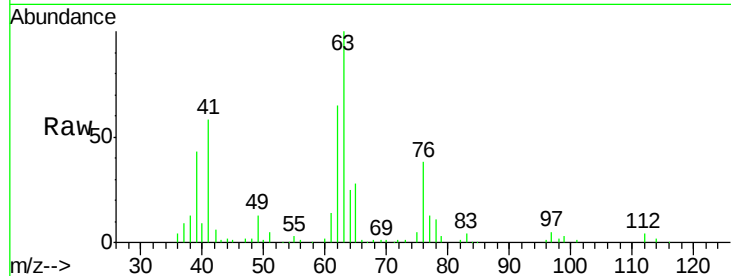
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 103669

Ion Ratio Lower Upper

63 100

65 28.4 24.4 36.6



#46

Dibromomethane

Concen: 21.056 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

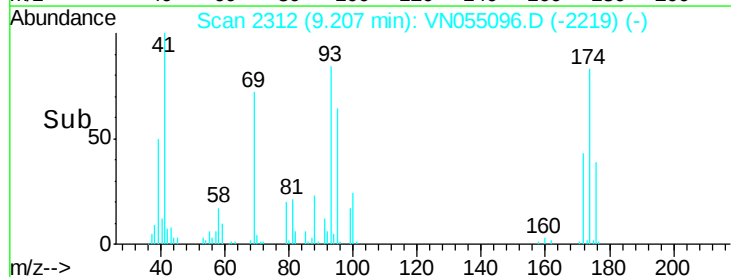
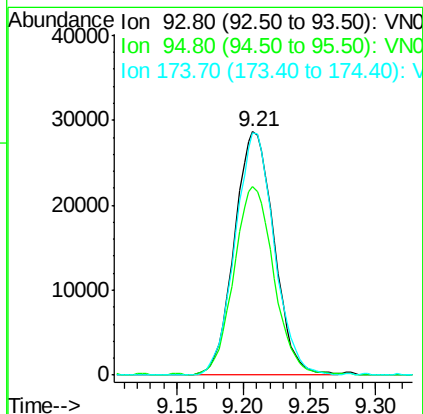
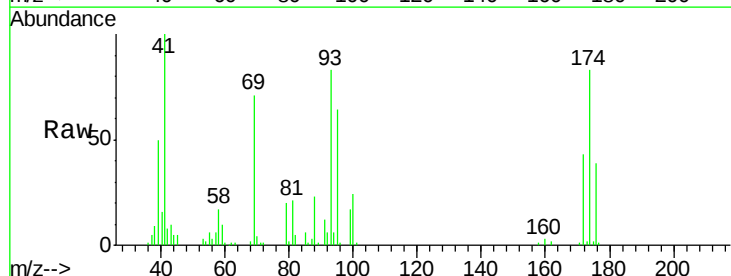
Tgt Ion: 93 Resp: 59547

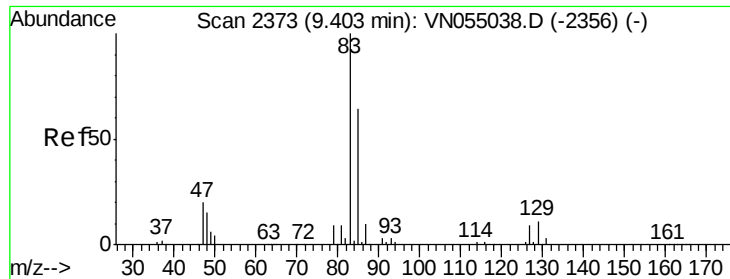
Ion Ratio Lower Upper

93 100

95 78.0 65.0 97.6

174 98.6 81.0 121.6

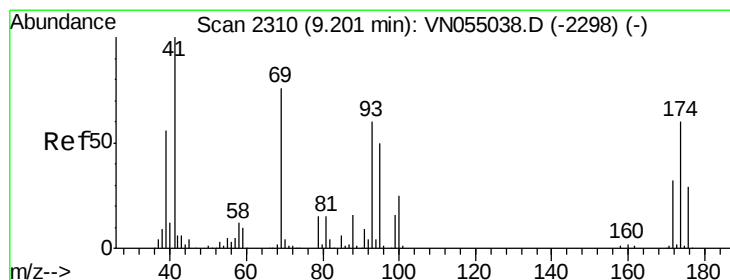
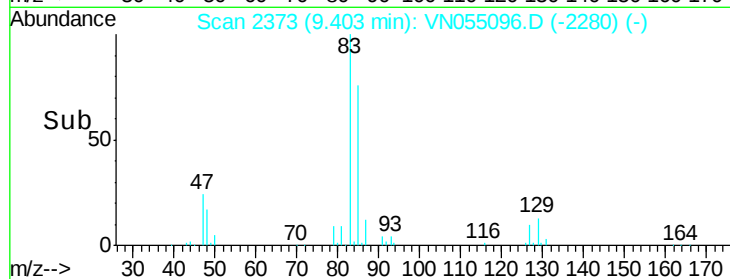
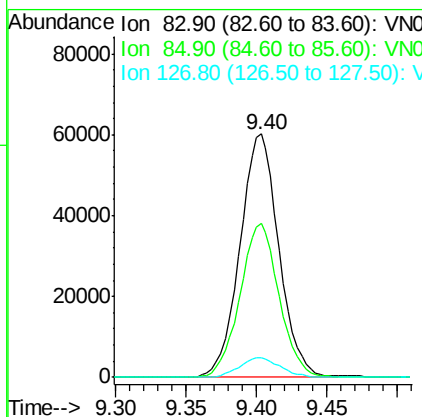
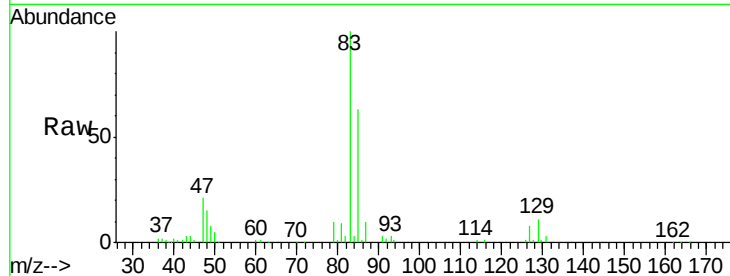




#47
Bromodichloromethane
Concen: 19.879 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

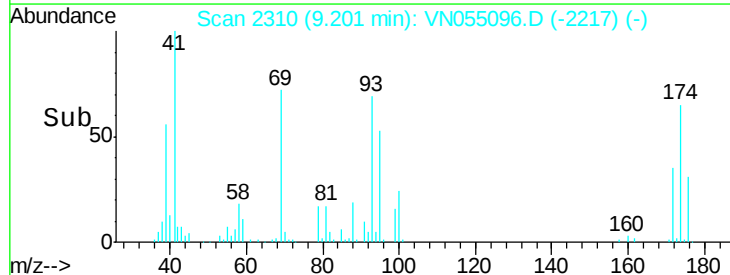
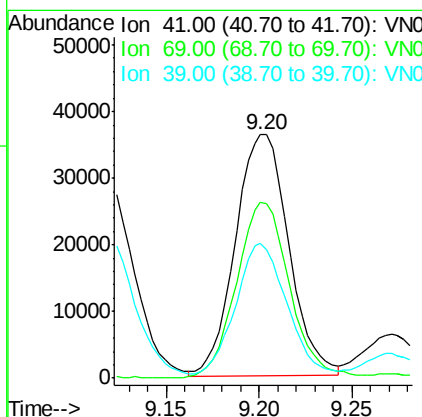
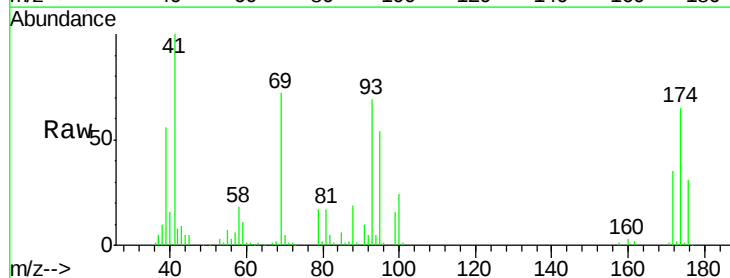
Instrument :
MSVOA_N
ClientSampleId :

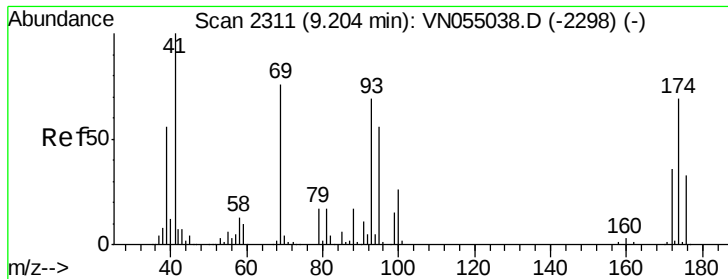
Tot Ion: 83 Resp: 115909
Ion Ratio Lower Upper
83 100
85 63.2 51.2 76.8
127 8.0 6.8 10.2



#48
Methyl methacrylate
Concen: 19.758 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 41 Resp: 72620
Ion Ratio Lower Upper
41 100
69 72.3 60.5 90.7
39 52.6 43.9 65.9





#49

1,4-Dioxane

Concen: 471.384 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :

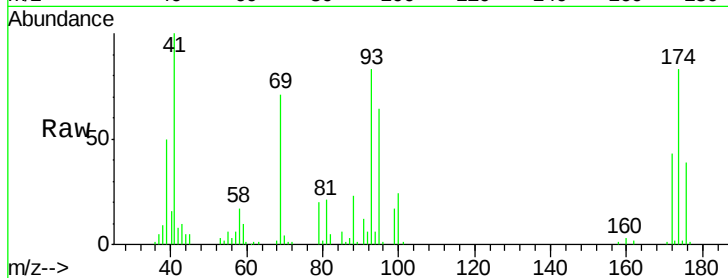
Tot Ion: 88 Resp: 16232

Ion Ratio Lower Upper

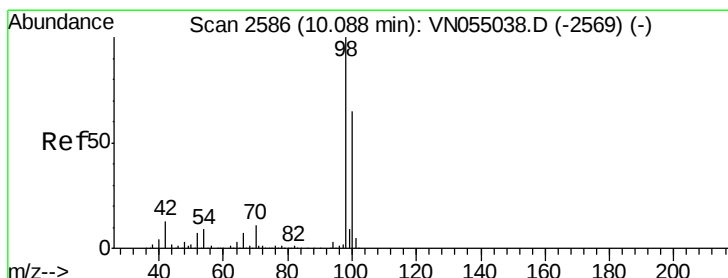
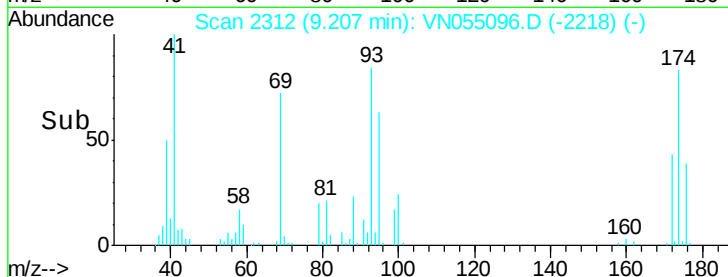
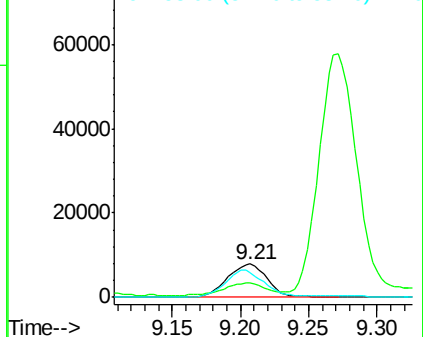
88 100

43 41.4 31.8 47.8

58 79.4 61.6 92.4



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.940 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055096.D

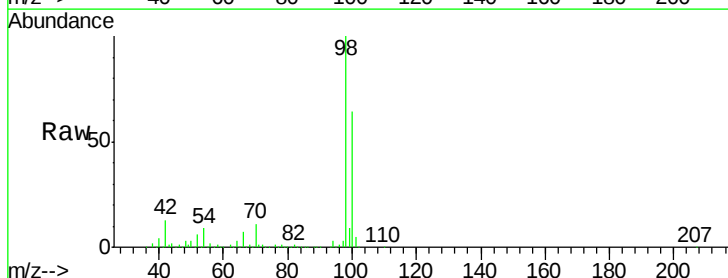
Acq: 17 Apr 2019 10:53

Tgt Ion: 98 Resp: 764050

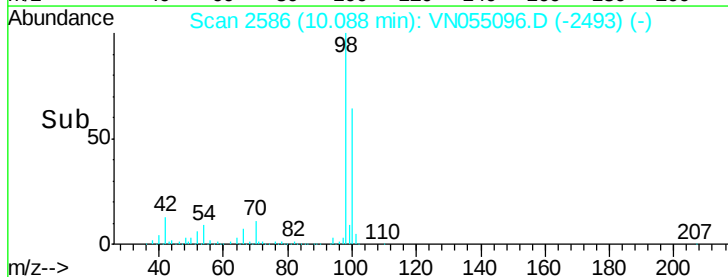
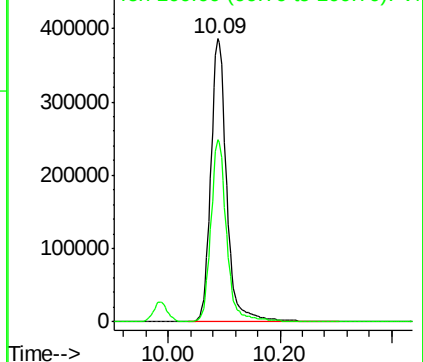
Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 98.267 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

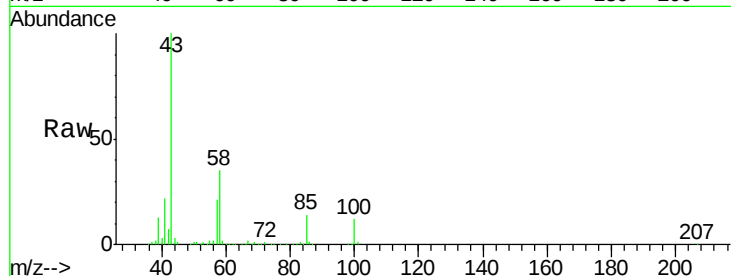
ClientSampled :

Tot Ion: 43 Resp: 420978

Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

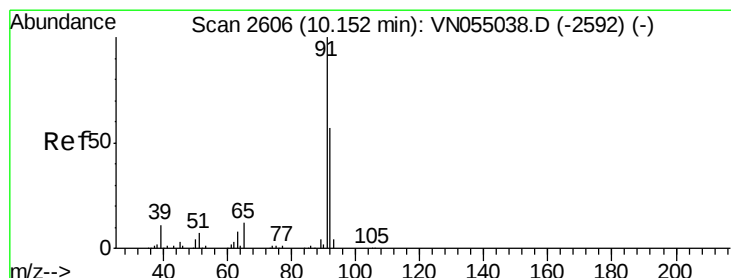
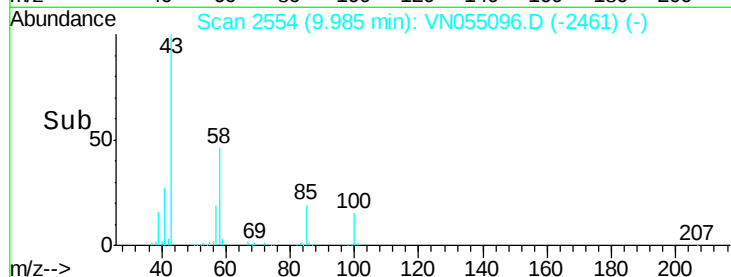
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.631 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055096.D

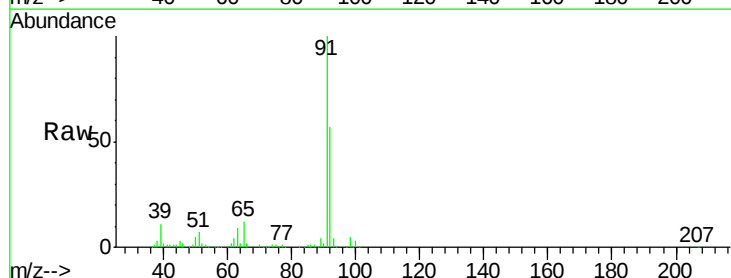
Acq: 17 Apr 2019 10:53

Tgt Ion: 92 Resp: 210512

Ion Ratio Lower Upper

92 100

91 176.9 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

200000

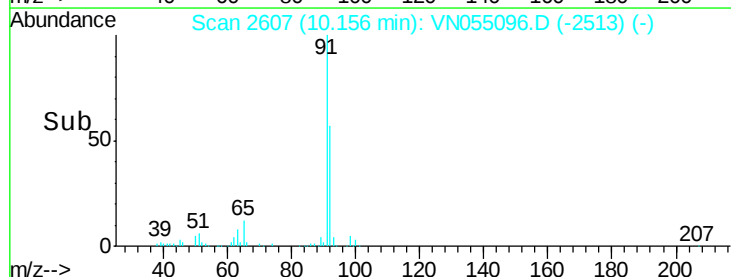
150000

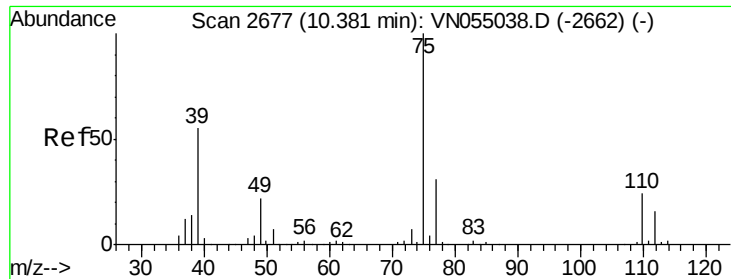
100000

50000

0

Time-->

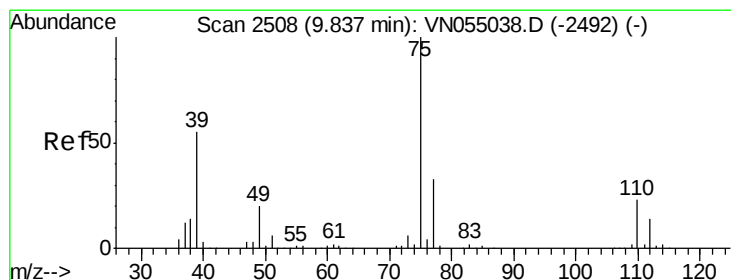
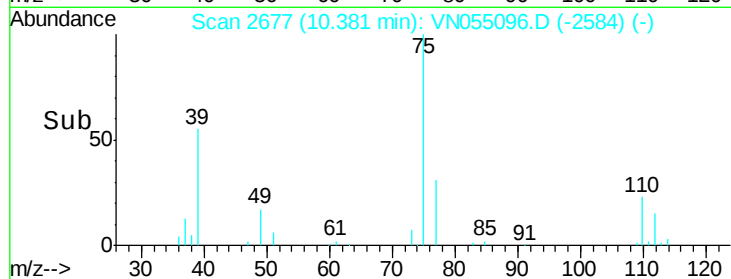
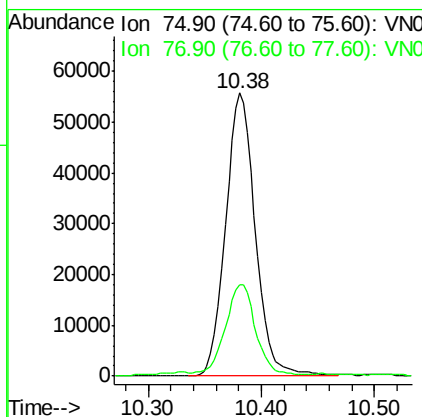
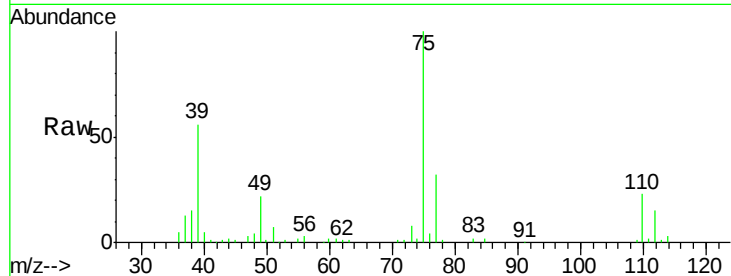




#53
 t-1,3-Dichloropropene
 Concen: 19.940 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

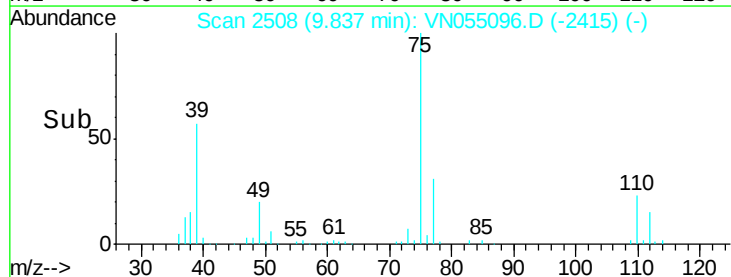
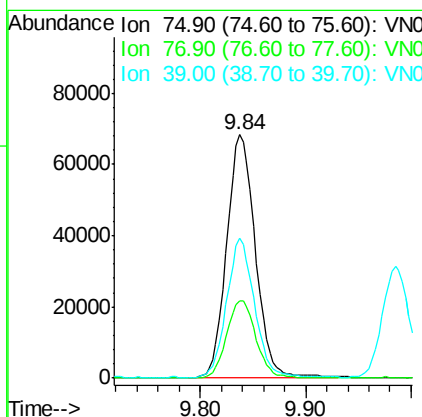
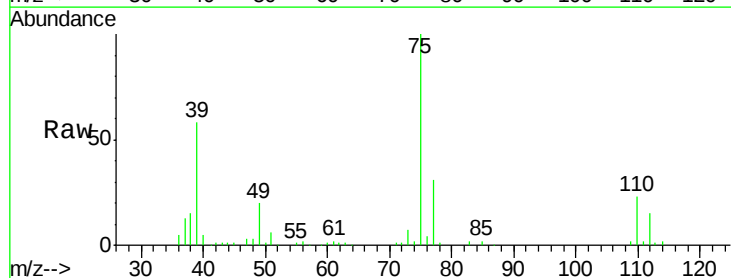
Instrument :
 MSVOA_N
 ClientSampled :

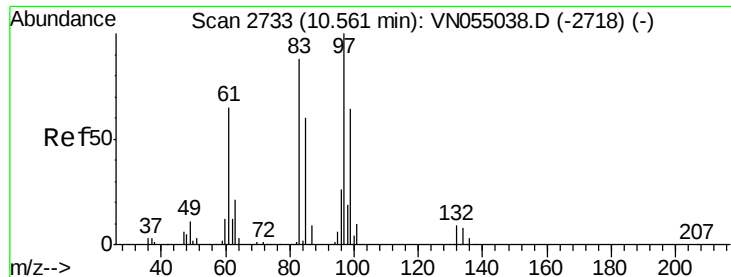
Tot Ion: 75 Resp: 101607
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.401 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion: 75 Resp: 129018
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6
 39 57.6 43.8 65.8



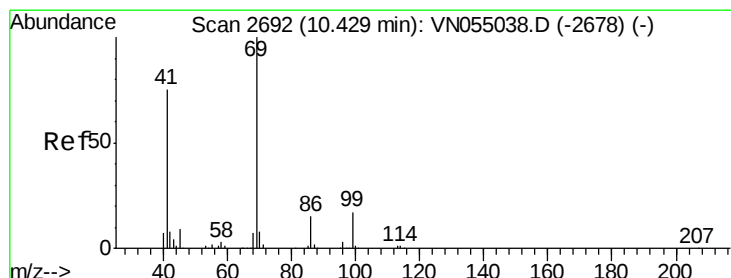
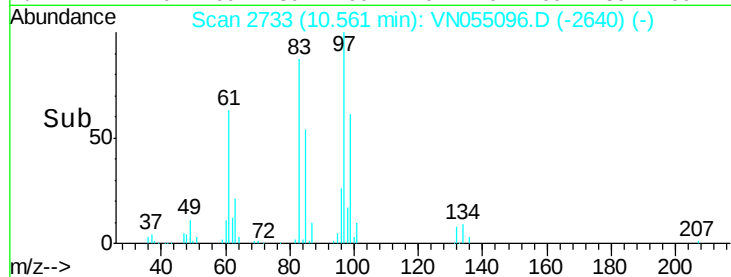
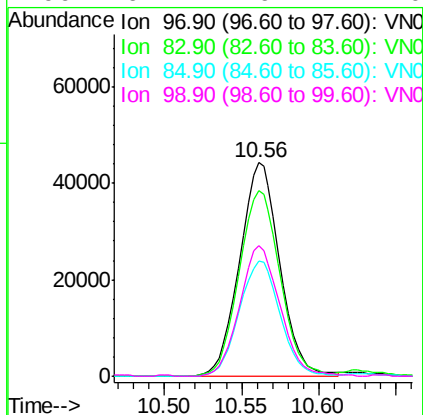
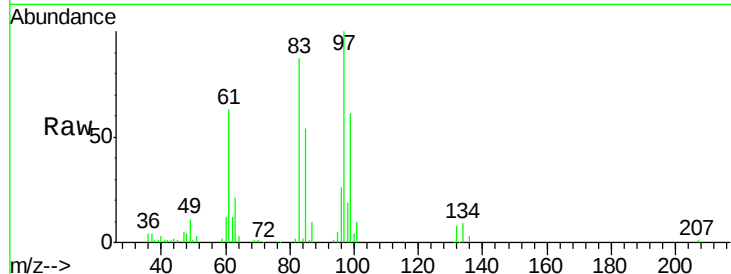


#55
 1,1,2-Trichloroethane
 Concen: 20.314 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 79862

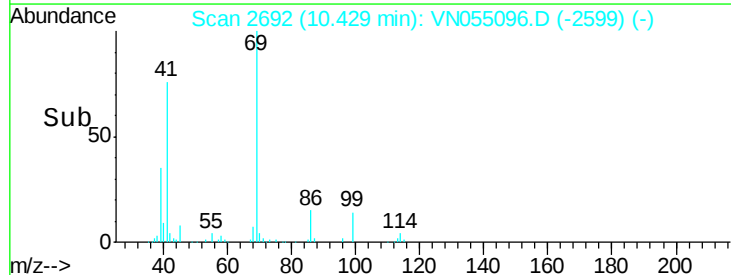
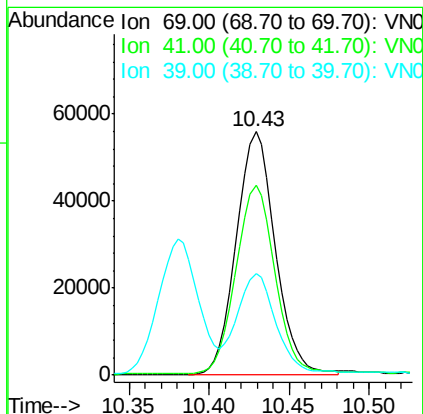
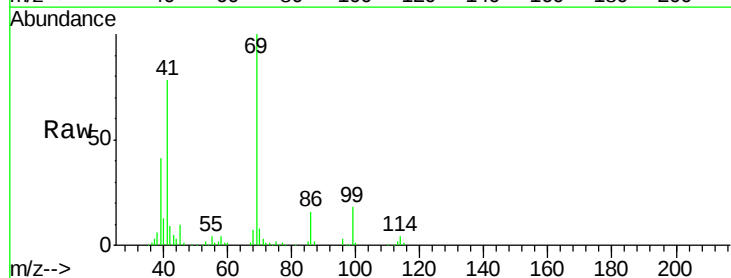
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.5	105.7
85	53.7	45.5	68.3
99	61.1	49.4	74.0

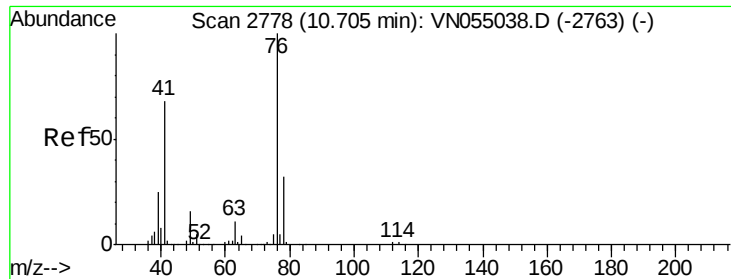


#56
 Ethyl methacrylate
 Concen: 19.768 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion: 69 Resp: 93268

Ion	Ratio	Lower	Upper
69	100		
41	77.1	61.4	92.0
39	40.2	30.8	46.2





#57

1,3-Dichloropropane

Concen: 20.132 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

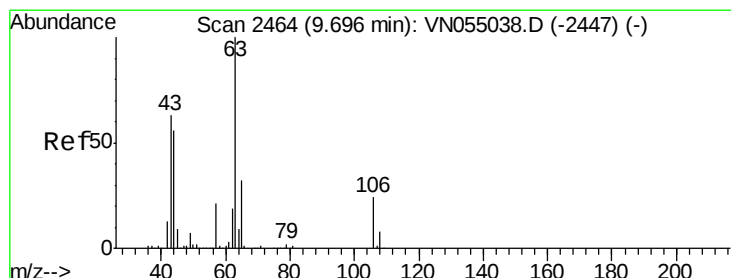
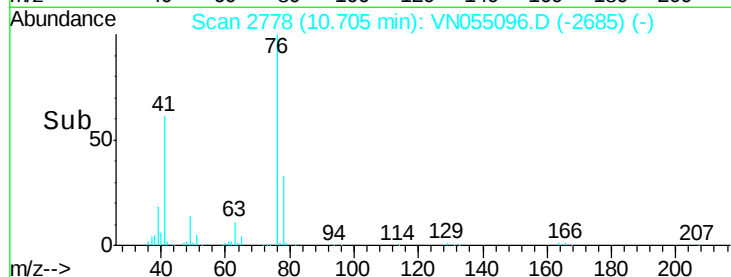
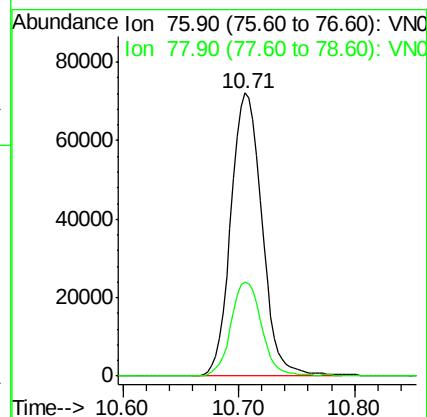
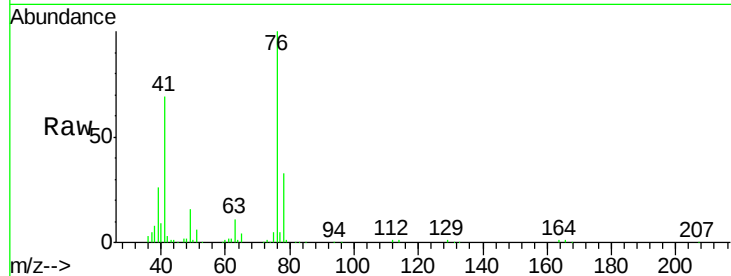
ClientSampled :

Tot Ion: 76 Resp: 134751

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.067 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055096.D

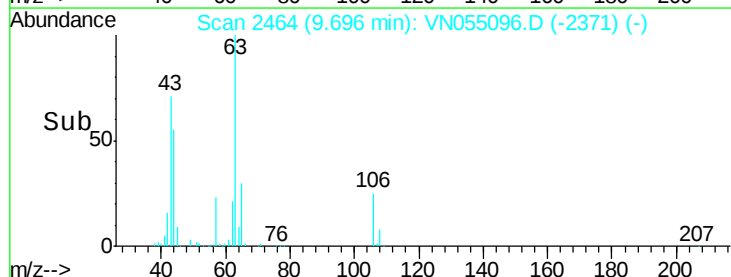
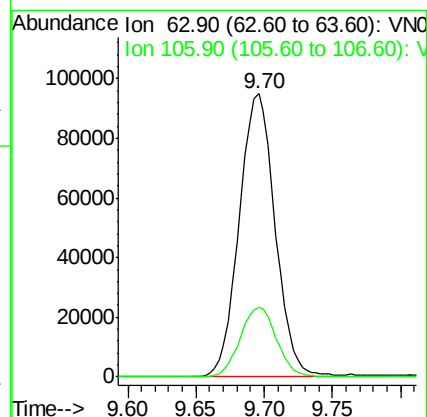
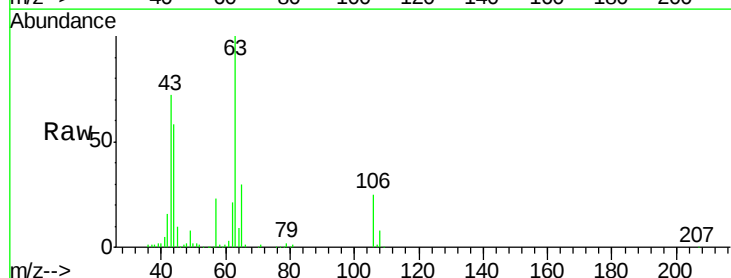
Acq: 17 Apr 2019 10:53

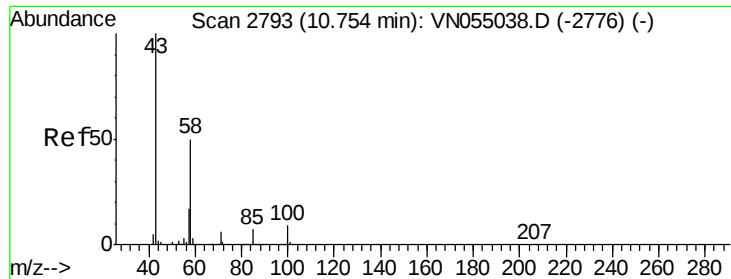
Tgt Ion: 63 Resp: 173936

Ion Ratio Lower Upper

63 100

106 24.9 20.0 30.0

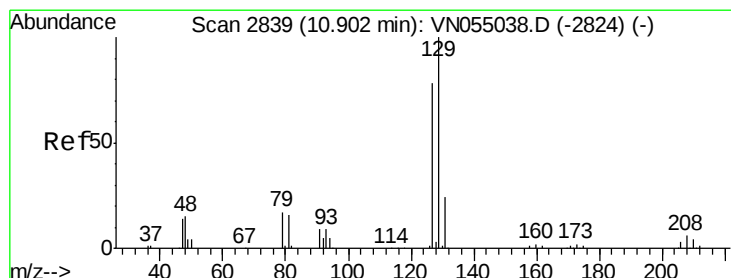
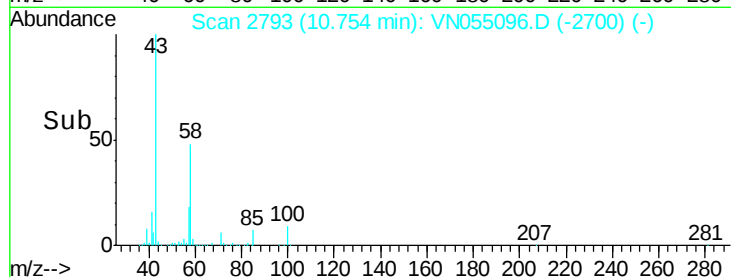
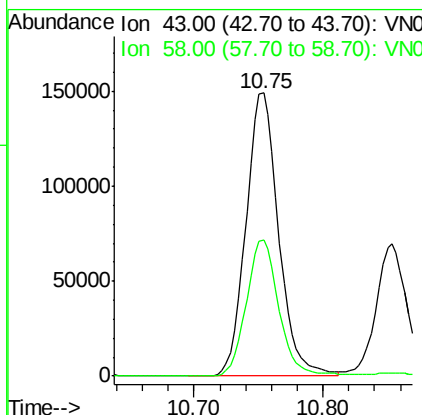
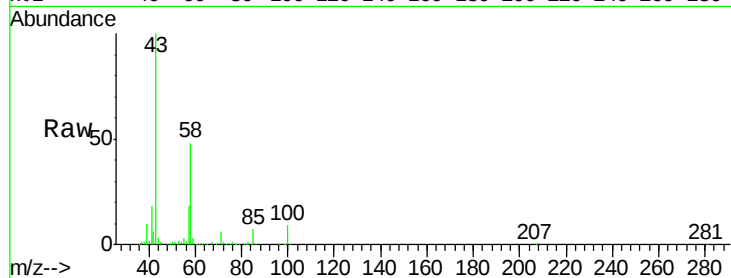




#59
2-Hexanone
Concen: 97.172 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

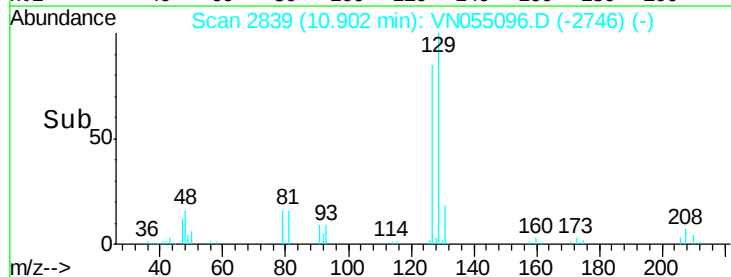
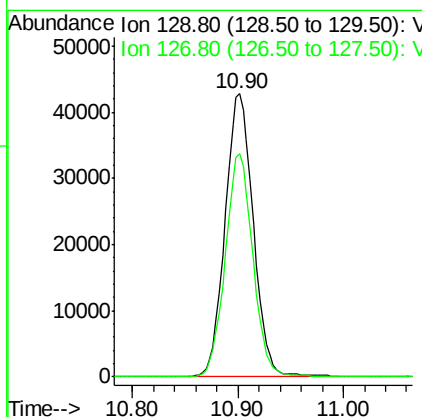
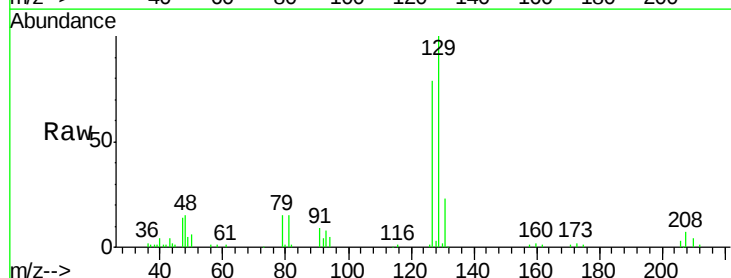
Instrument :
MSVOA_N
ClientSampleId :

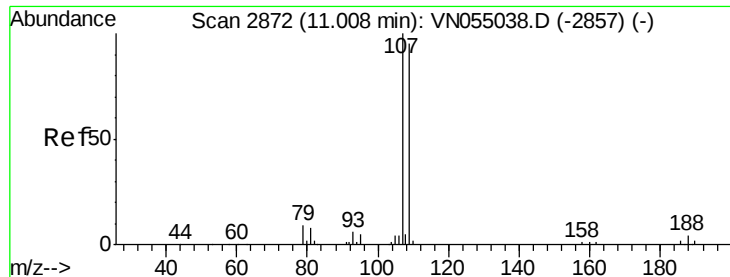
Tot Ion: 43 Resp: 261468
Ion Ratio Lower Upper
43 100
58 48.5 25.1 75.2



#60
Dibromochloromethane
Concen: 20.580 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 129 Resp: 79004
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6

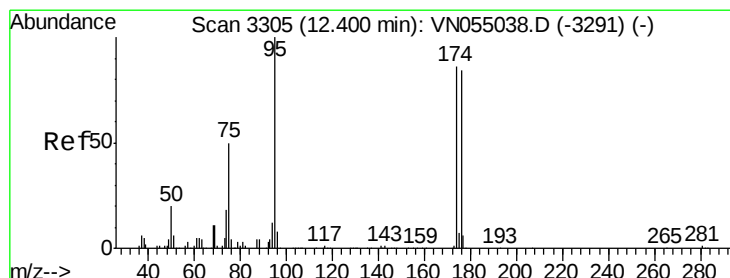
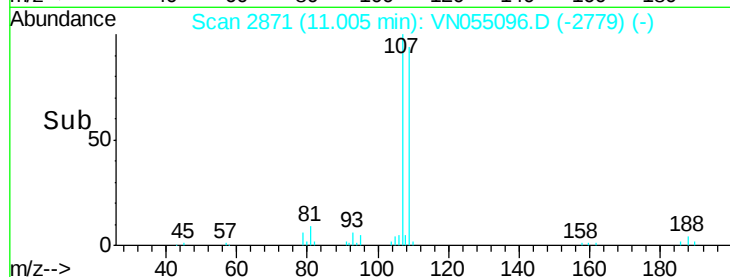
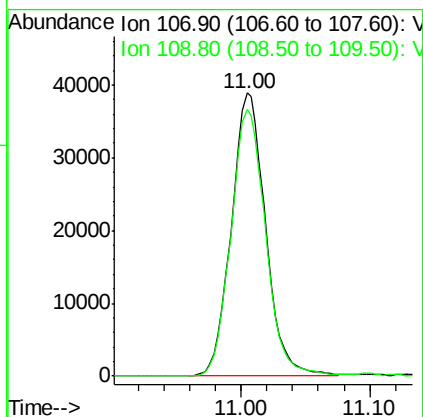
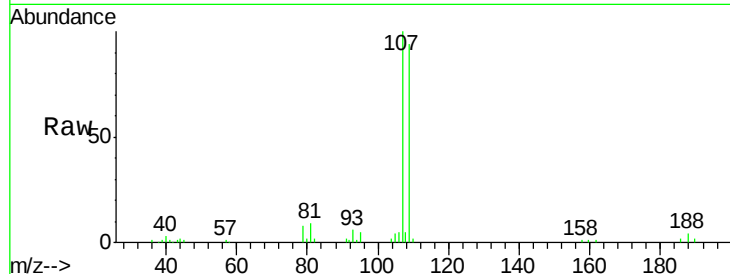




#61
 1,2-Dibromoethane
 Concen: 19.757 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

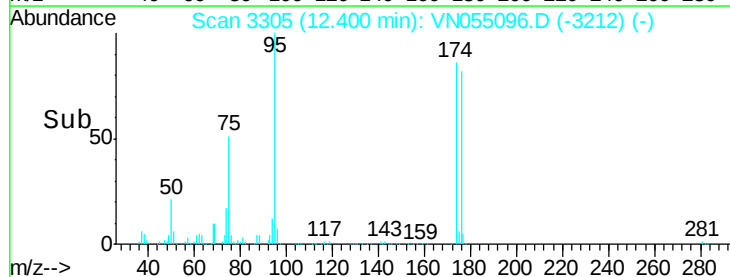
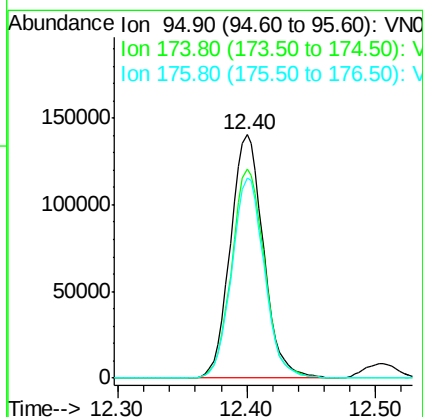
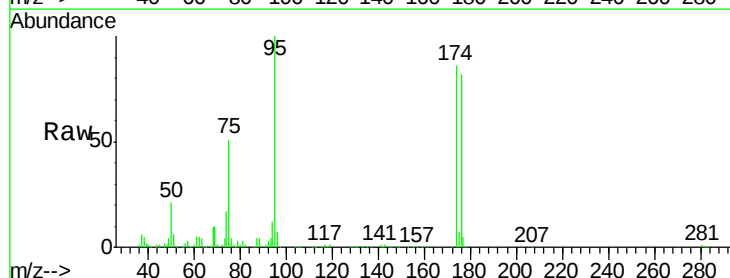
Instrument :
 MSVOA_N
 ClientSampleId :

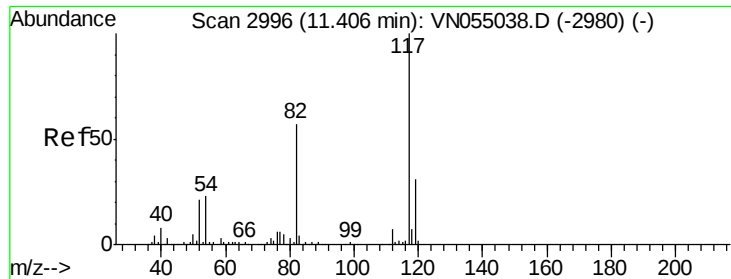
Tot Ion: 107 Resp: 71489
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.160 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion: 95 Resp: 249462
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 174.4
 176 81.4 0.0 166.8

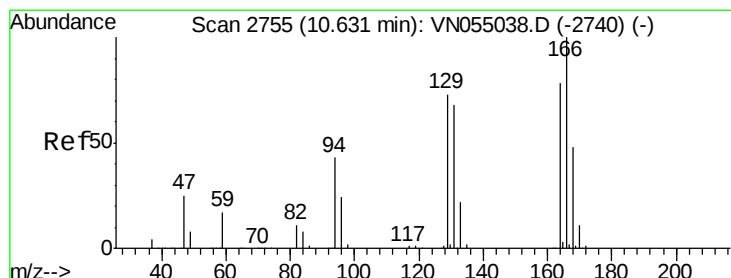
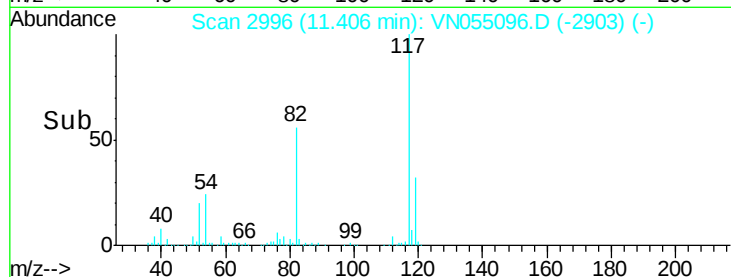
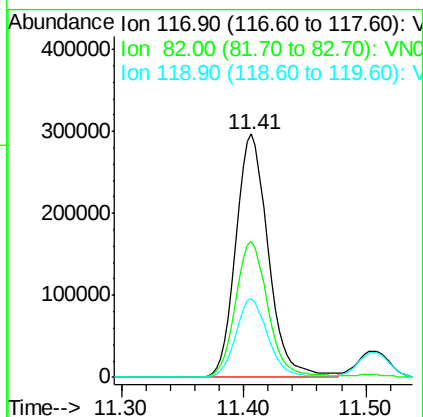
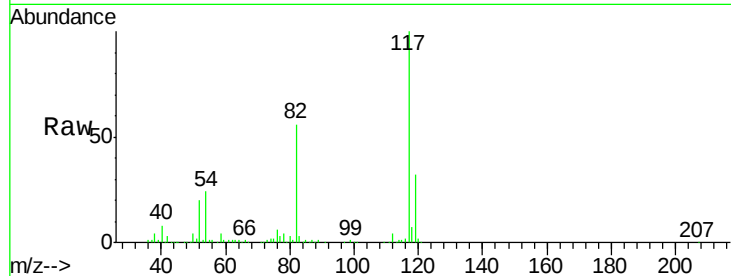




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

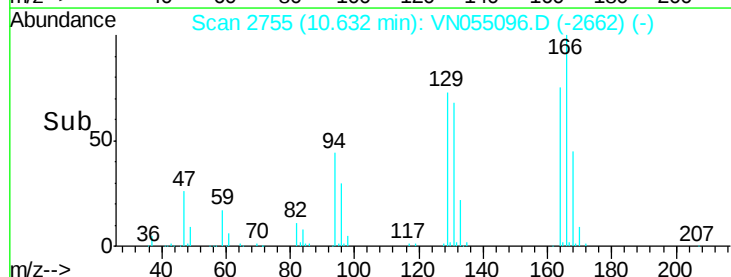
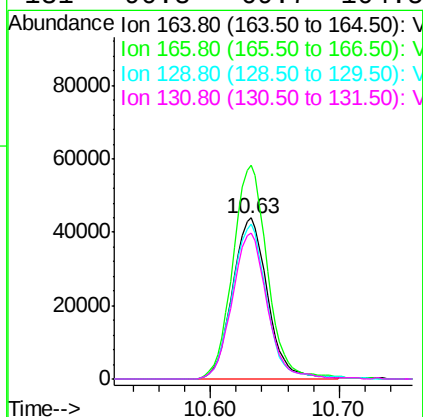
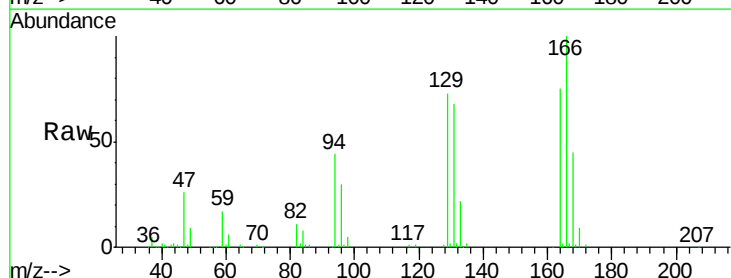
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 545982
Ion Ratio Lower Upper
117 100
82 56.0 44.6 66.8
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 18.761 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion:164 Resp: 83292
Ion Ratio Lower Upper
164 100
166 132.8 100.0 150.0
129 96.3 72.0 108.0
131 90.8 69.7 104.5

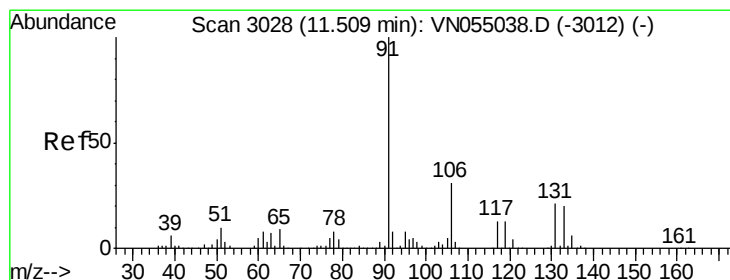
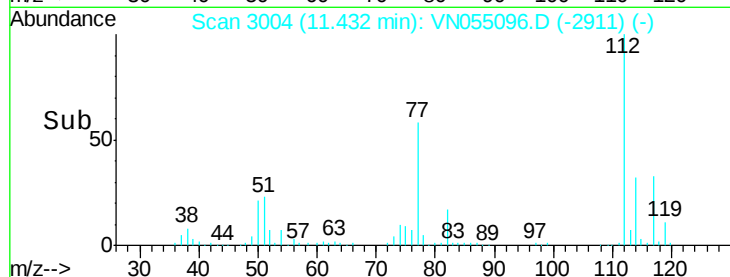
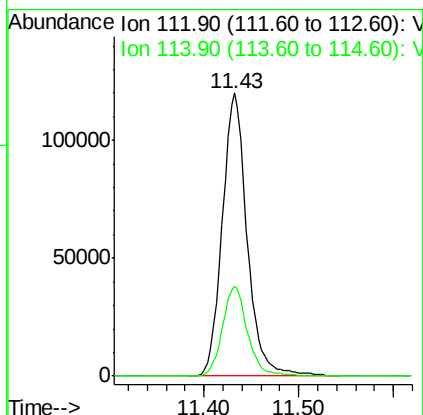
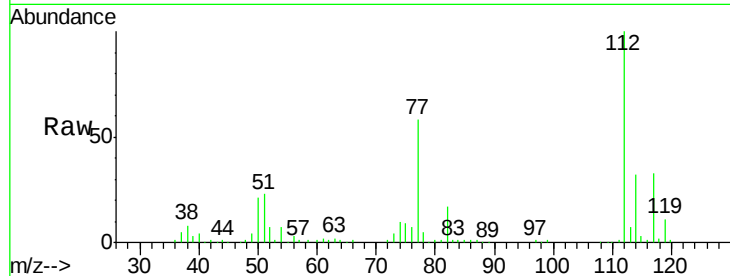




#65
Chlorobenzene
Concen: 19.955 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

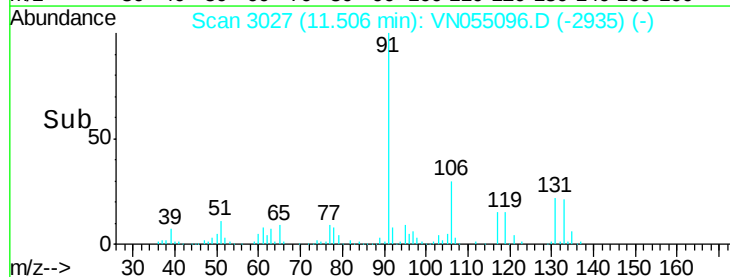
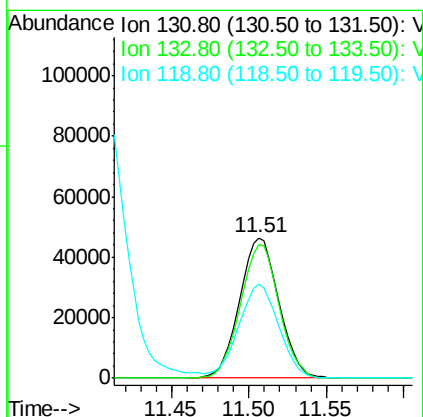
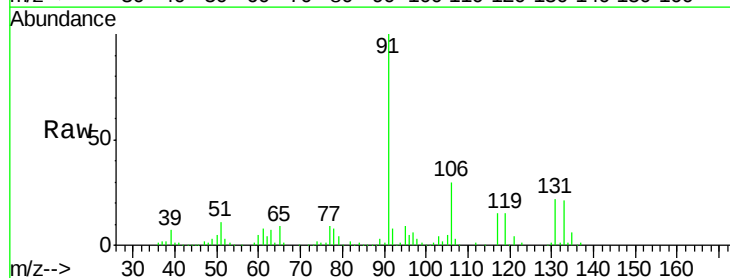
Instrument :
MSVOA_N
ClientSampled :

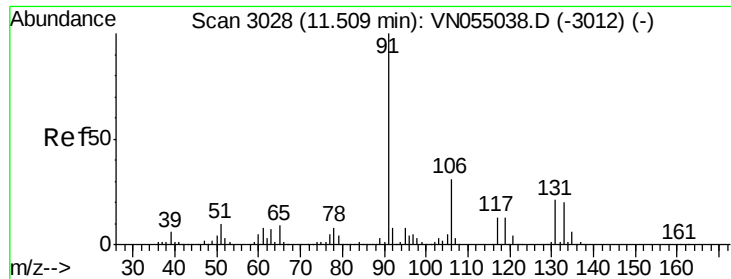
Tot Ion:112 Resp: 219312
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.238 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion:131 Resp: 81805
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 68.3 33.6 100.6





#67

Ethyl Benzene

Concen: 19.972 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

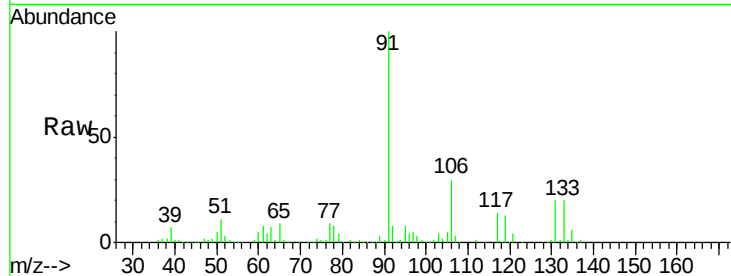
ClientSampleId :

Tot Ion: 91 Resp: 391972

Ion Ratio Lower Upper

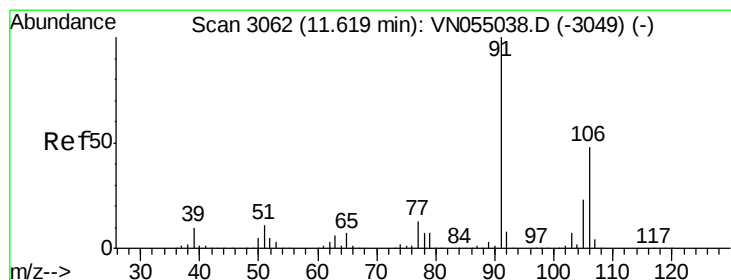
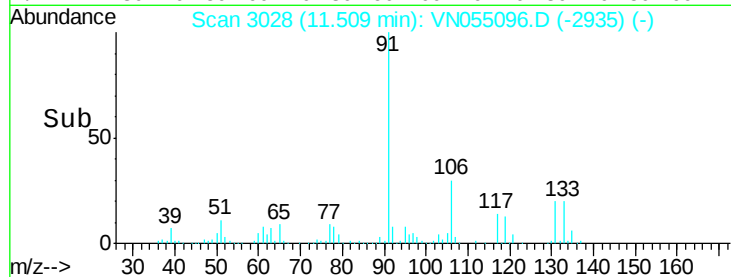
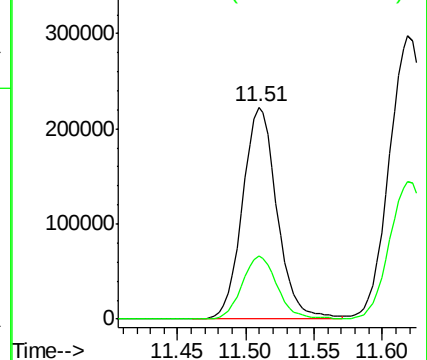
91 100

106 29.8 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.967 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN055096.D

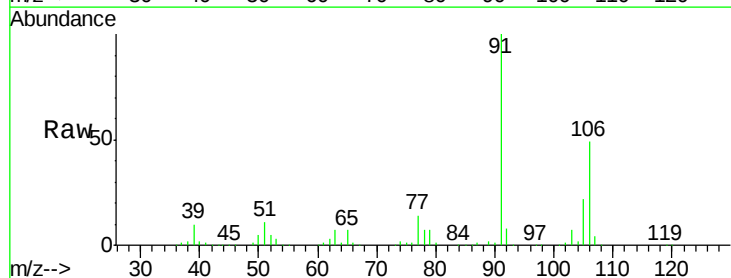
Acq: 17 Apr 2019 10:53

Tgt Ion:106 Resp: 291149

Ion Ratio Lower Upper

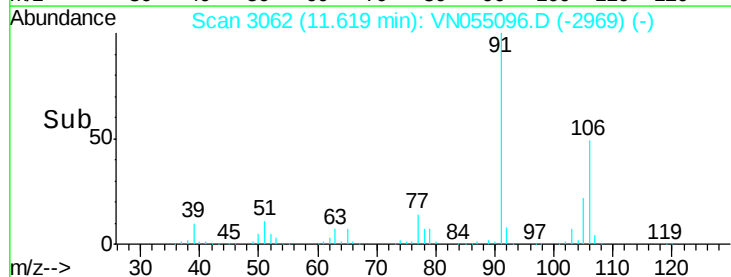
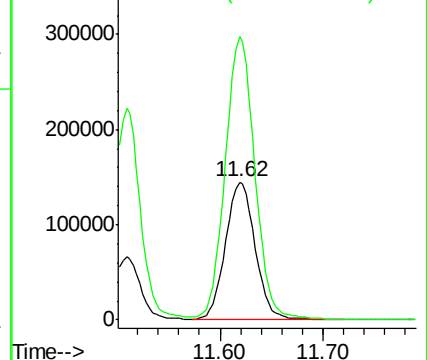
106 100

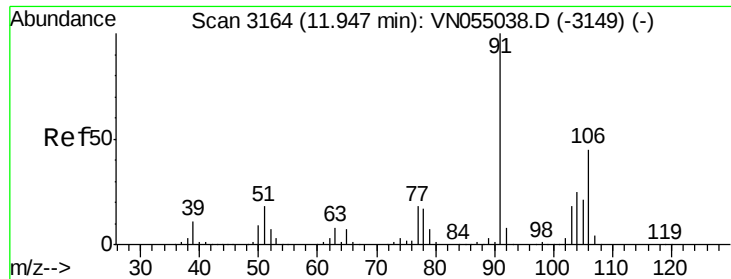
91 205.3 165.9 248.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

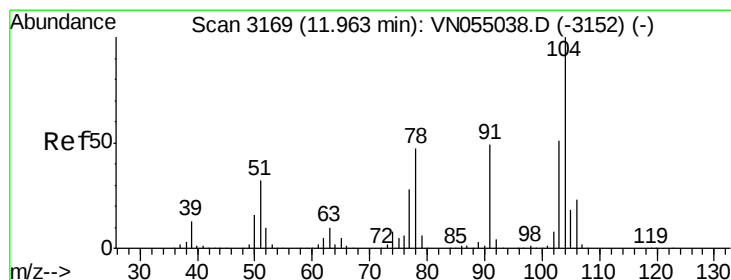
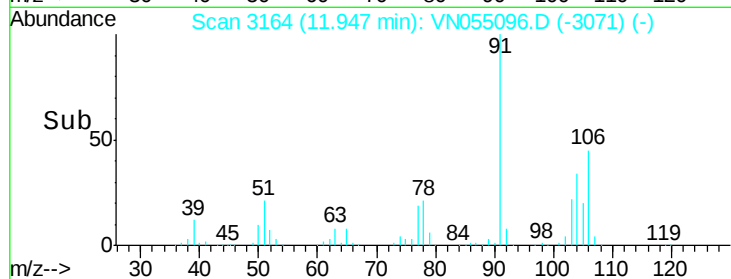
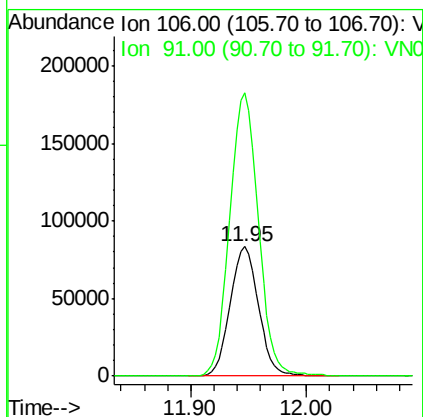
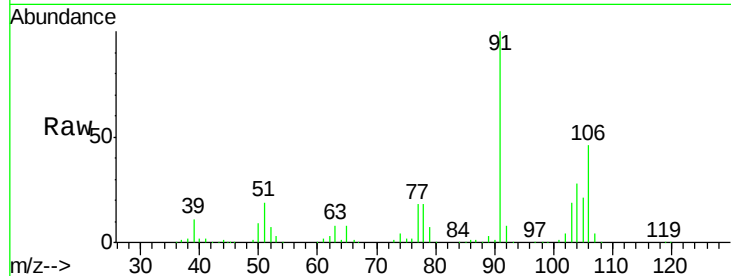




#69
o-Xylene
Concen: 20.454 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

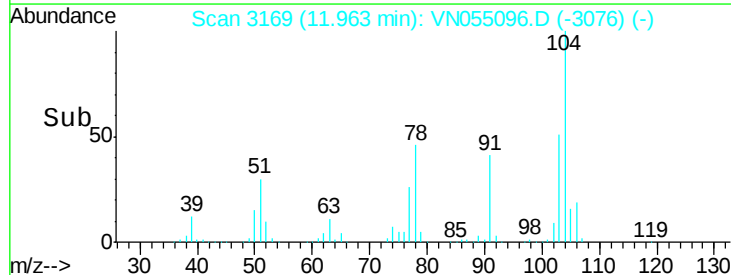
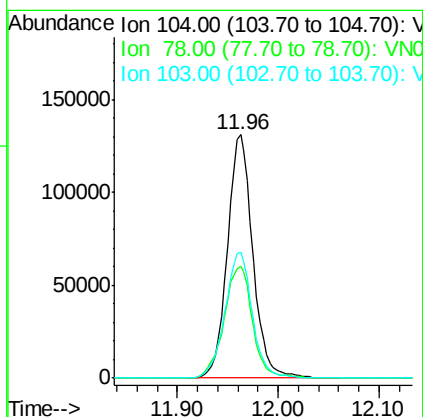
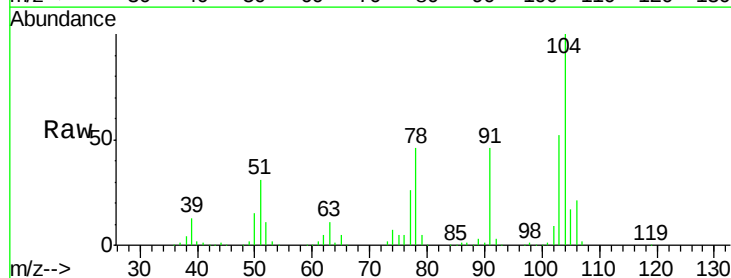
Instrument :
MSVOA_N
ClientSampleId :

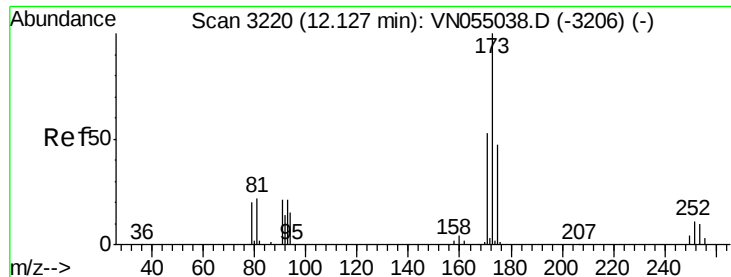
Tot Ion:106 Resp: 140795
Ion Ratio Lower Upper
106 100
91 221.4 109.9 329.8



#70
Styrene
Concen: 20.702 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion:104 Resp: 230668
Ion Ratio Lower Upper
104 100
78 51.4 40.3 60.5
103 55.5 44.3 66.5





#71

Bromoform

Concen: 20.286 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

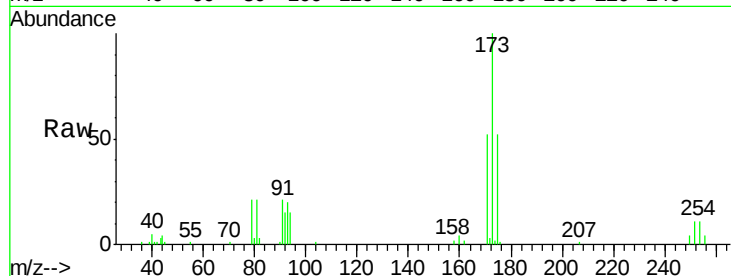
Tot Ion:173 Resp: 47001

Ion Ratio Lower Upper

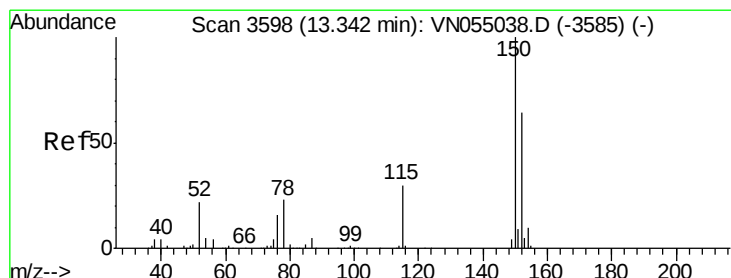
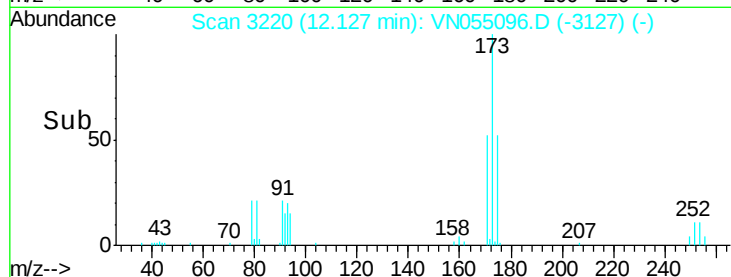
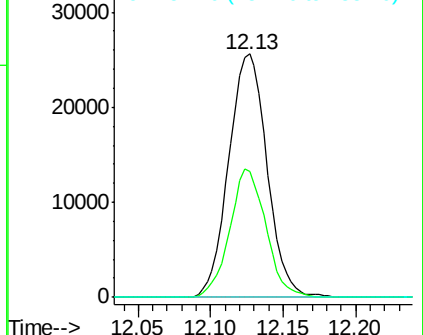
173 100

175 49.7 24.3 73.0

254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

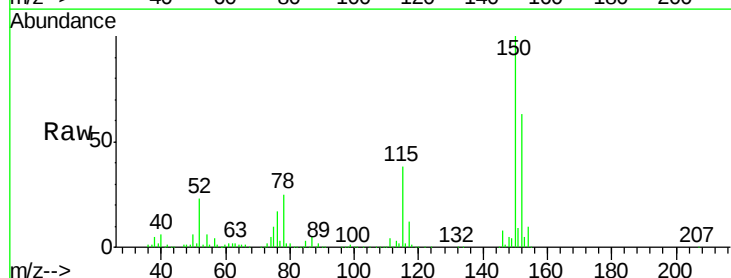
Tgt Ion:152 Resp: 215919

Ion Ratio Lower Upper

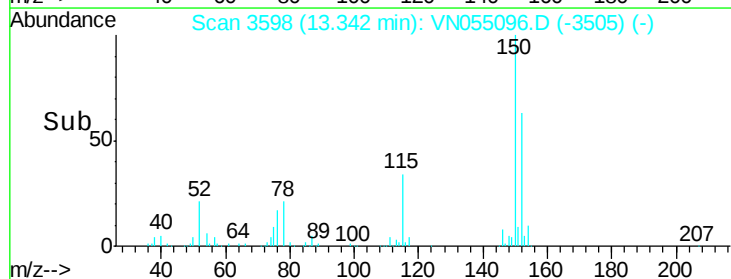
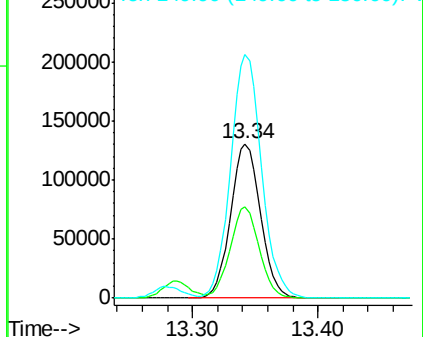
152 100

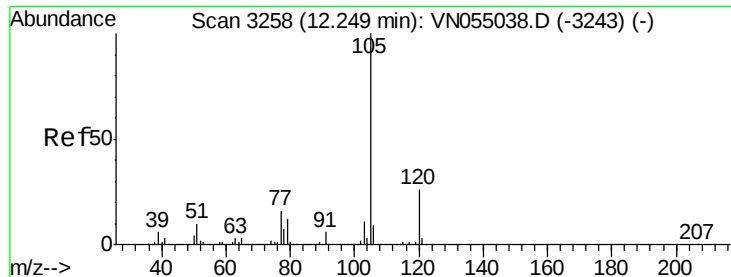
115 57.9 28.5 85.6

150 164.0 0.0 347.2



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: 19.562 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

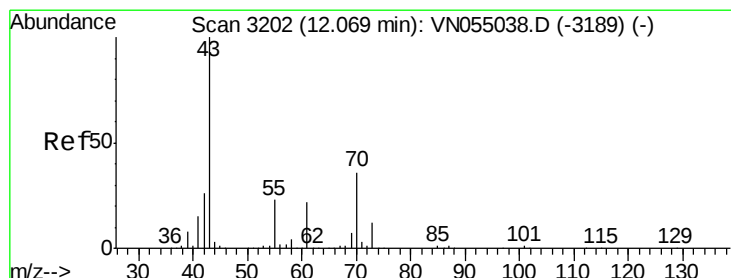
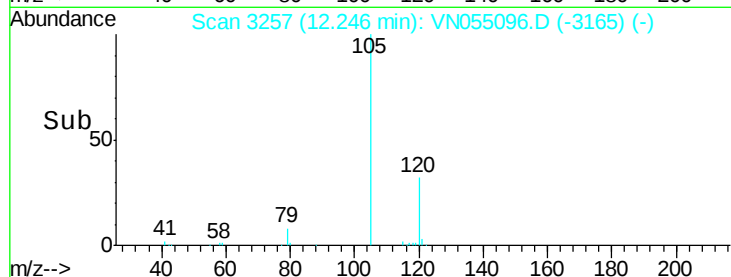
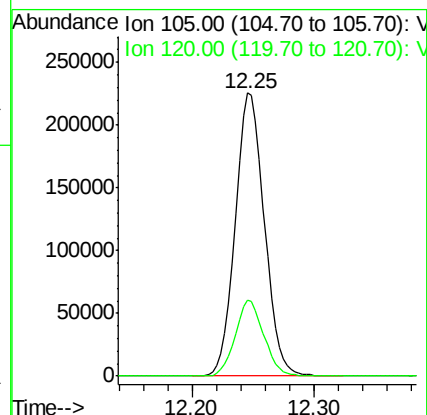
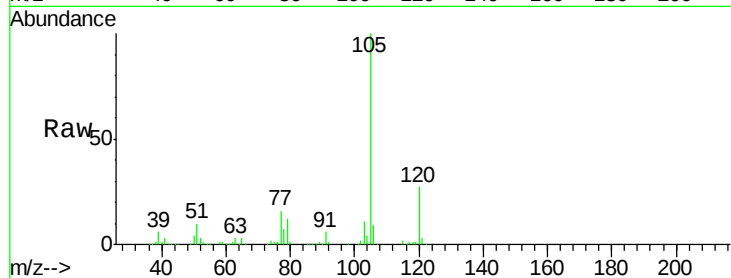
ClientSampled :

Tot Ion:105 Resp: 374816

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 20.079 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Tgt Ion: 43 Resp: 108297

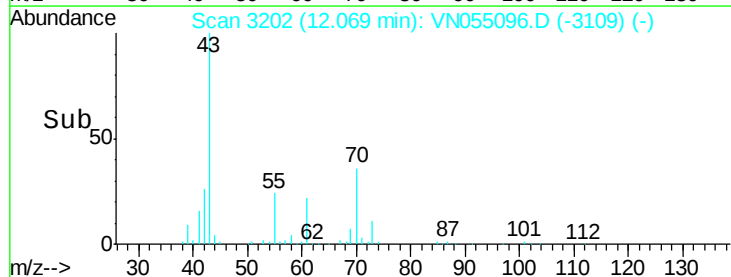
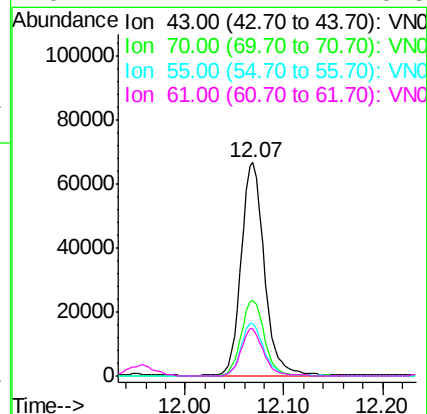
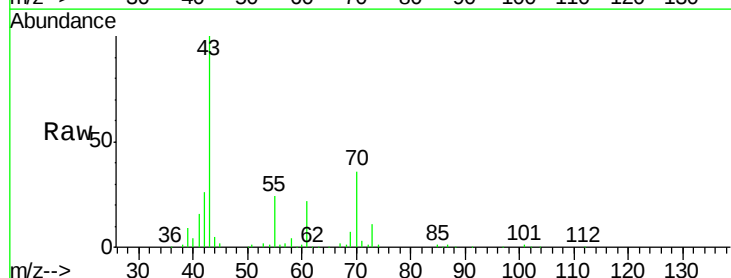
Ion Ratio Lower Upper

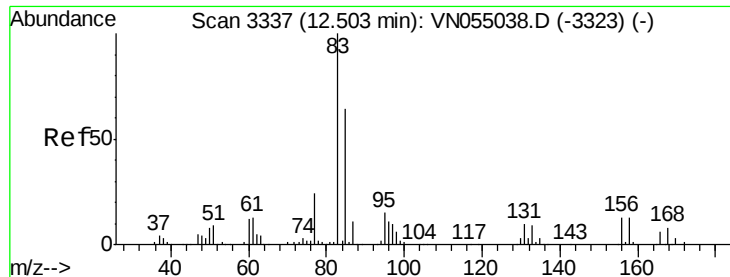
43 100

70 35.9 29.4 44.0

55 24.3 19.0 28.4

61 21.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.852 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

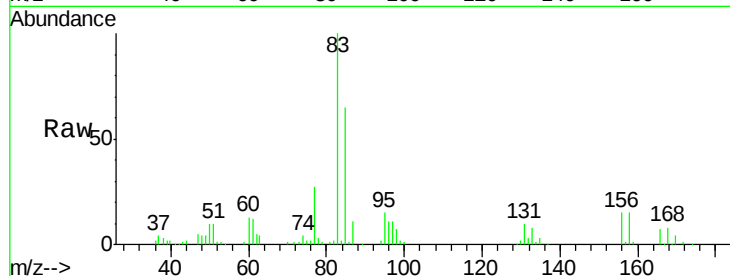
Tot Ion: 83 Resp: 96650

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

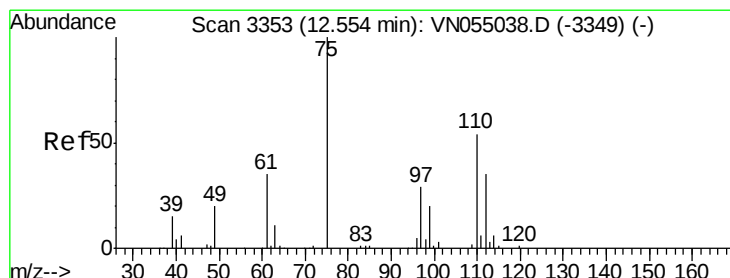
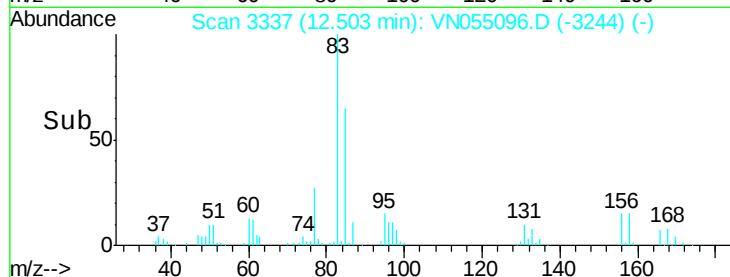
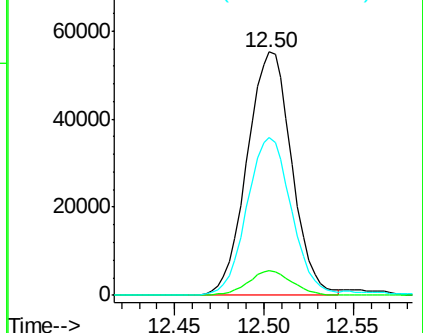
85 64.5 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN055096.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN055096.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN055096.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 28.675 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055096.D

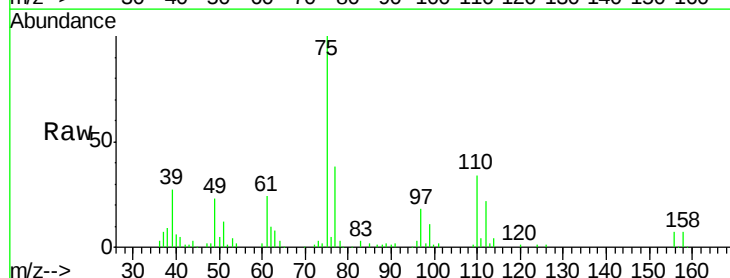
Acq: 17 Apr 2019 10:53

Tgt Ion: 75 Resp: 111339

Ion Ratio Lower Upper

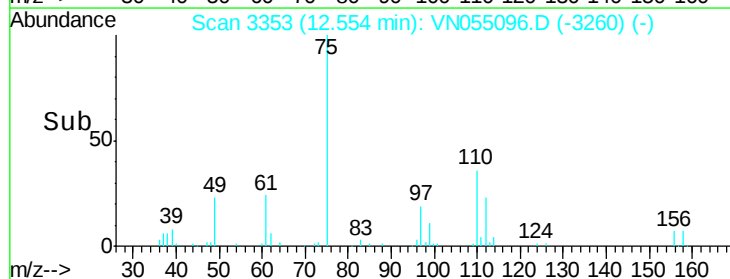
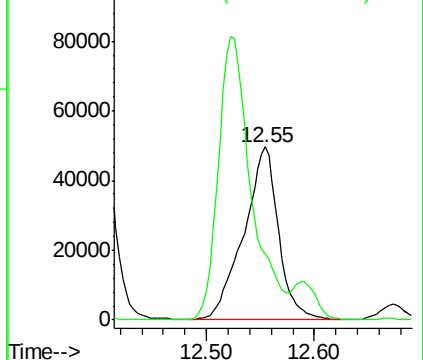
75 100

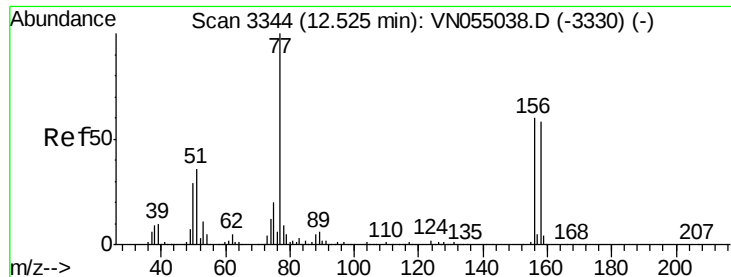
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055096.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055096.D (-3260) (-)





#77

Bromobenzene

Concen: 18.945 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

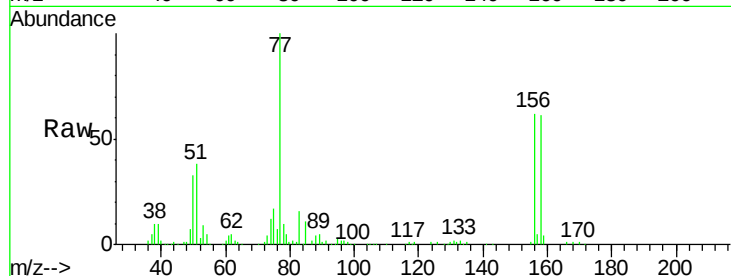
Tot Ion:156 Resp: 90496

Ion Ratio Lower Upper

156 100

77 190.0 97.2 291.5

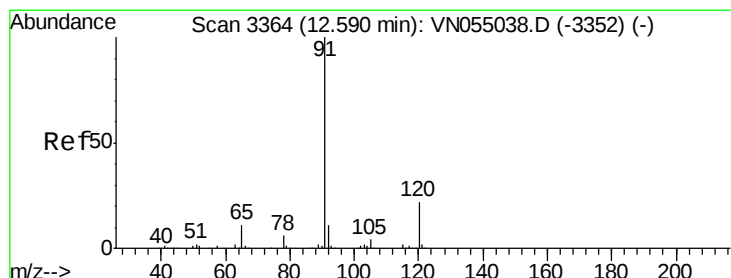
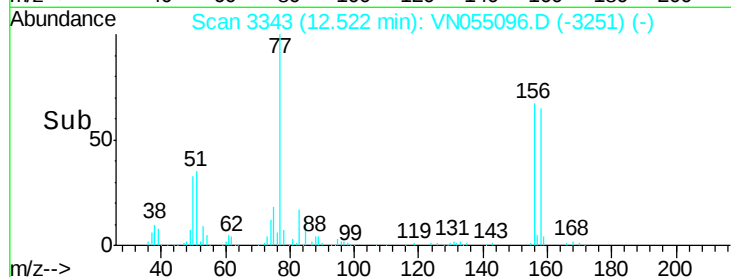
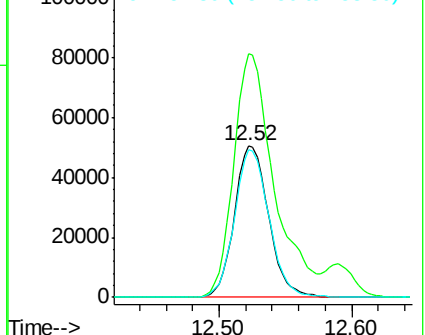
158 98.3 48.6 145.9



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: 19.886 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055096.D

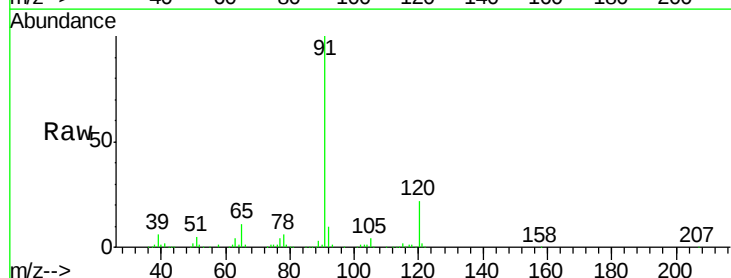
Acq: 17 Apr 2019 10:53

Tgt Ion: 91 Resp: 411652

Ion Ratio Lower Upper

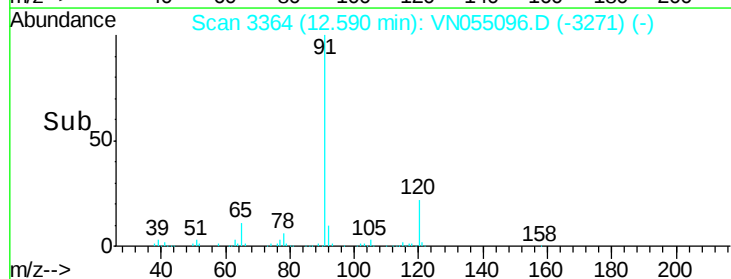
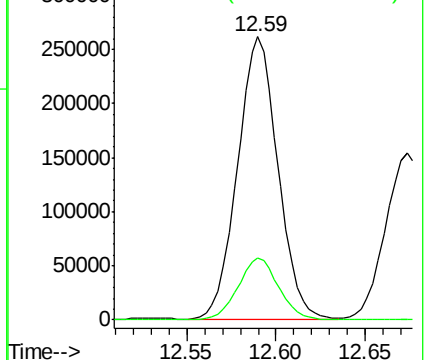
91 100

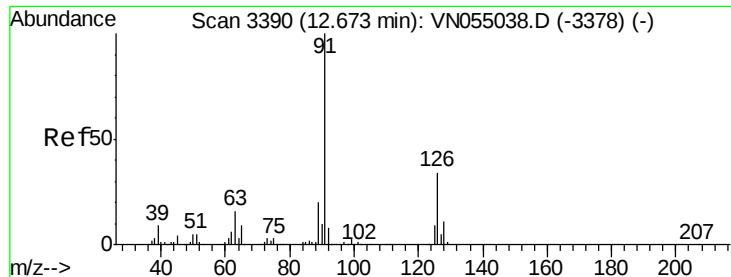
120 22.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.783 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

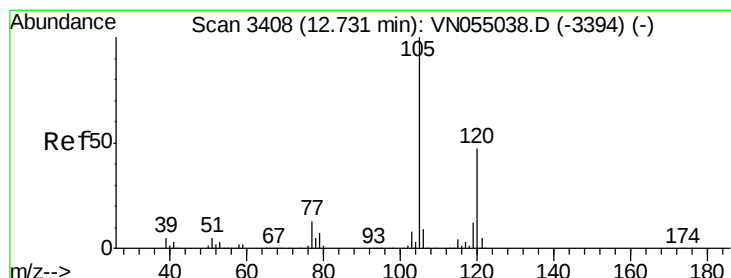
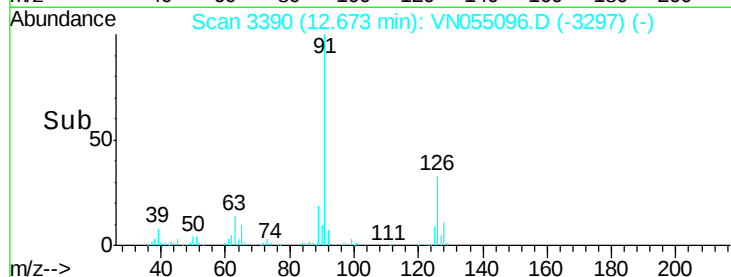
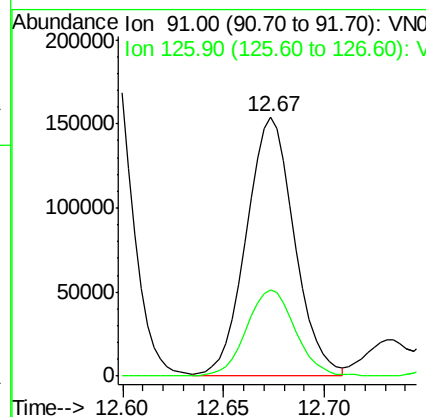
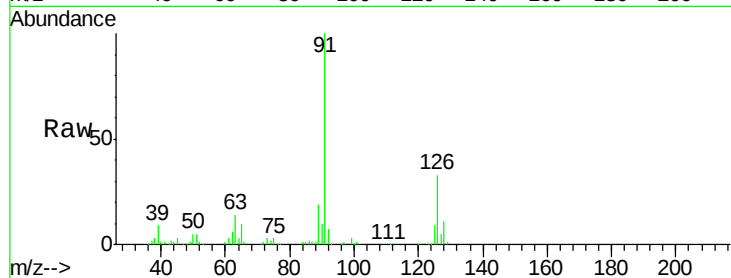
ClientSampled :

Tot Ion: 91 Resp: 255433

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.913 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055096.D

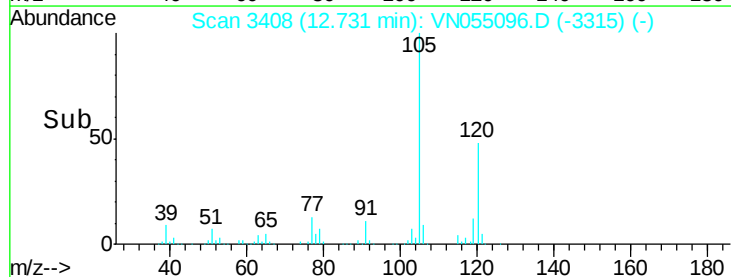
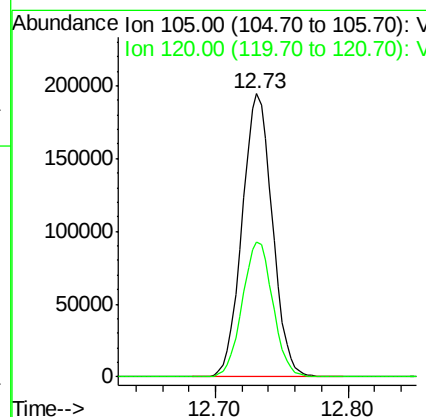
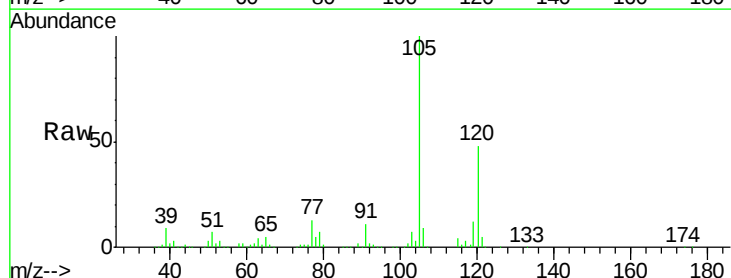
Acq: 17 Apr 2019 10:53

Tgt Ion: 105 Resp: 307901

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.103 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

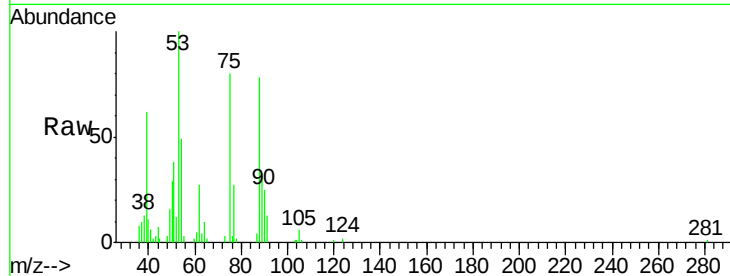
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 18548

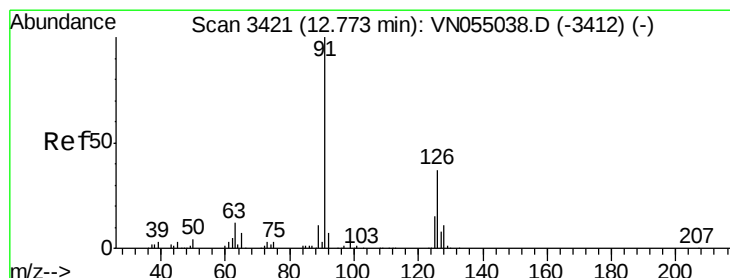
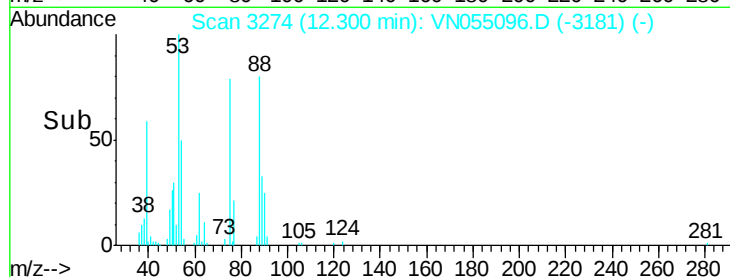
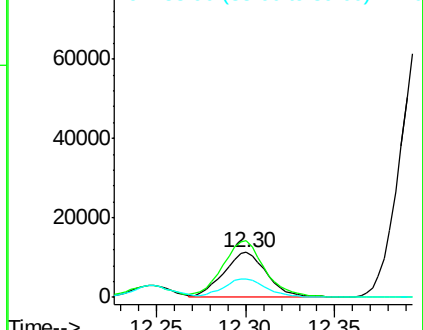
Ion	Ratio	Lower	Upper
75	100		
53	127.5	96.3	144.5
89	42.4	38.6	57.8



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 19.923 ug/l

RT: 12.77 min Scan# 3421

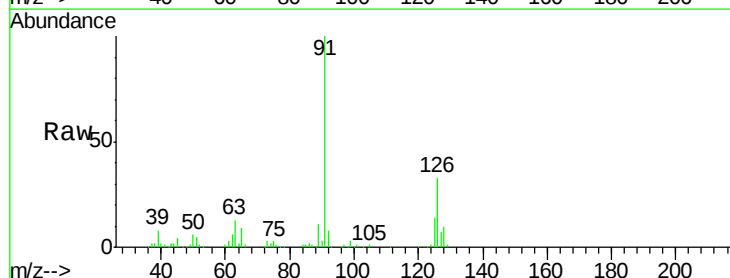
Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

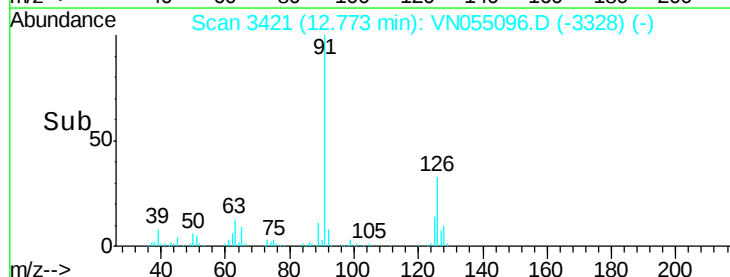
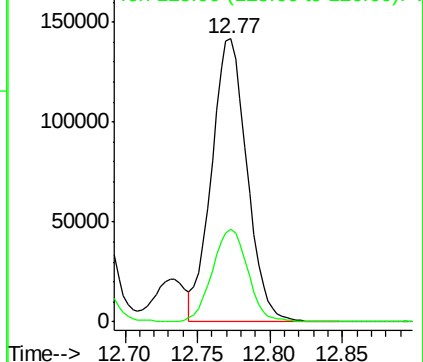
Tgt Ion: 91 Resp: 239998

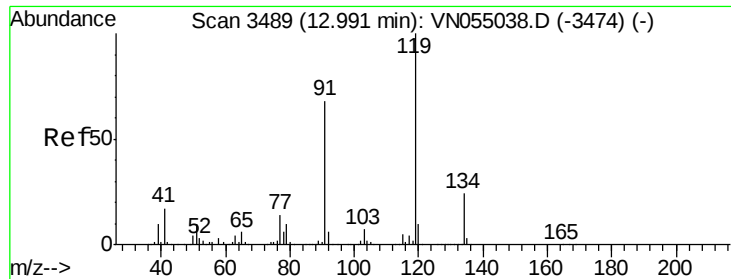
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.2



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO

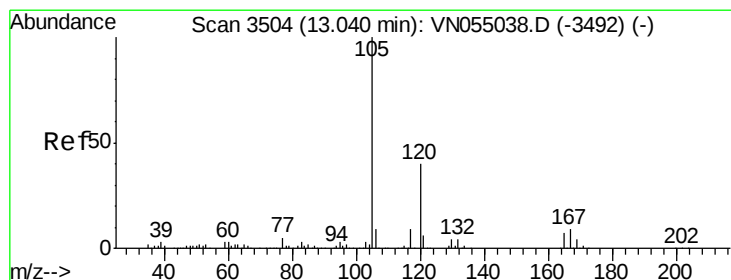
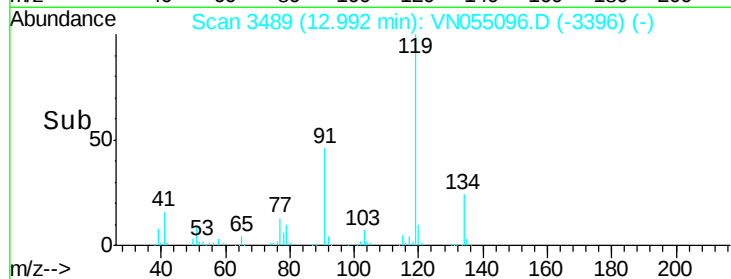
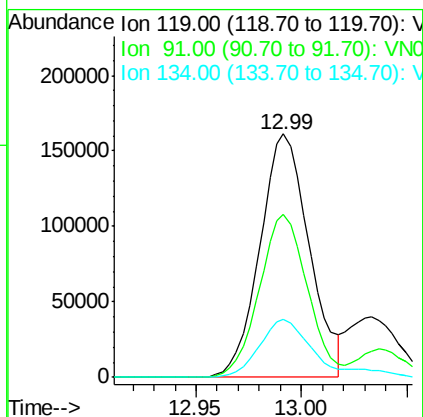
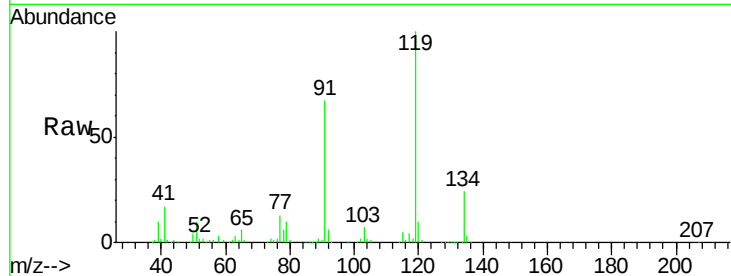




#83
 tert-Butylbenzene
 Concen: 20.107 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

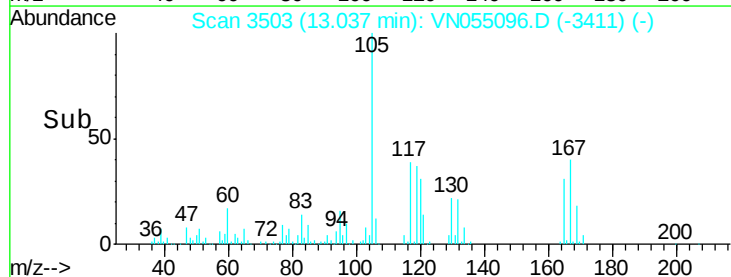
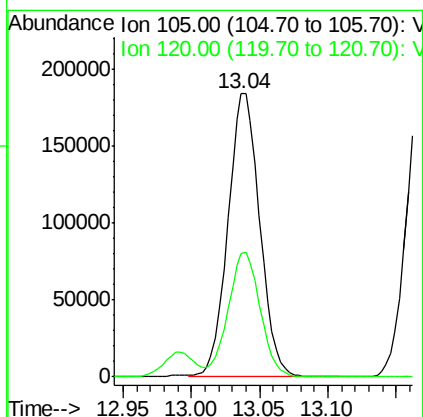
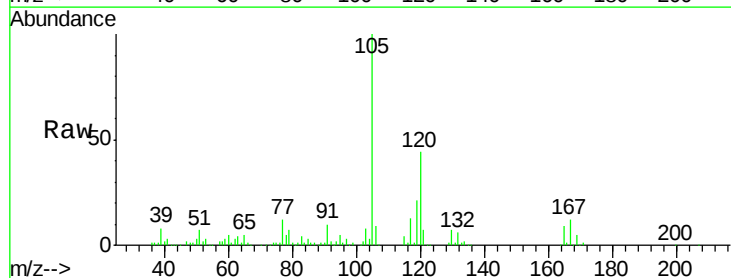
Instrument :
 MSVOA_N
 ClientSampleId :

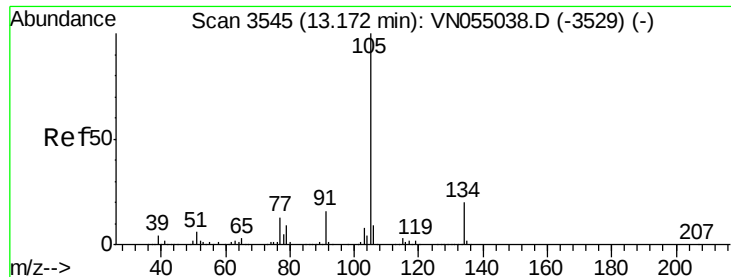
Tot Ion:119 Resp: 262557
 Ion Ratio Lower Upper
 119 100
 91 65.5 33.3 99.8
 134 26.8 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.317 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion:105 Resp: 297707
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.231 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

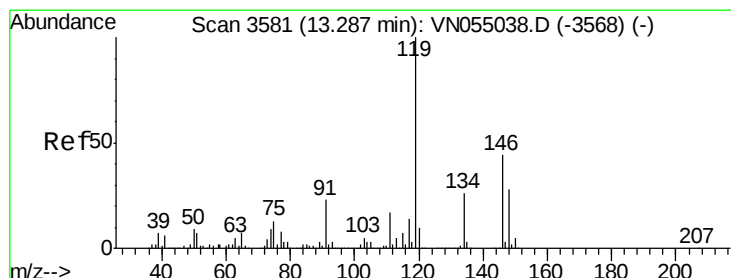
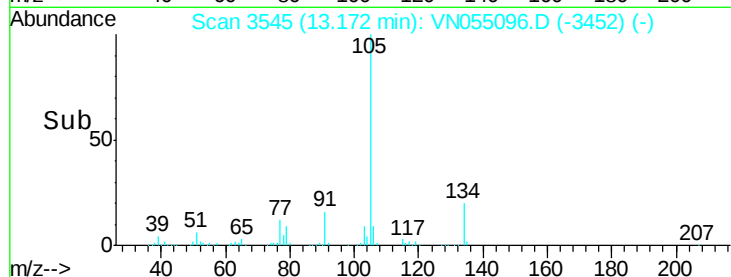
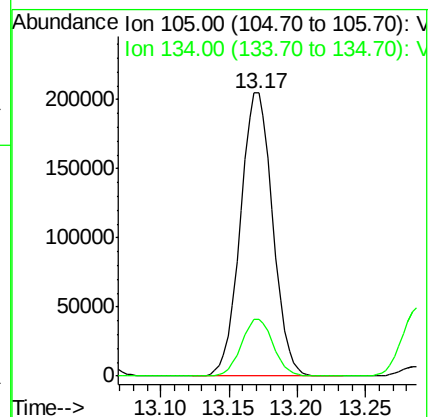
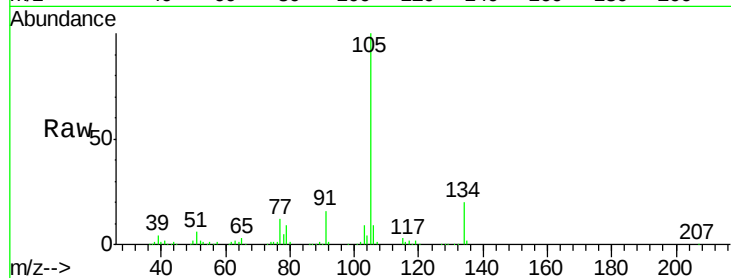
ClientSampled :

Tot Ion:105 Resp: 336626

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.244 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

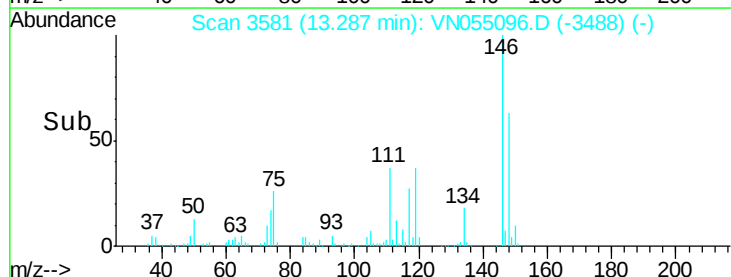
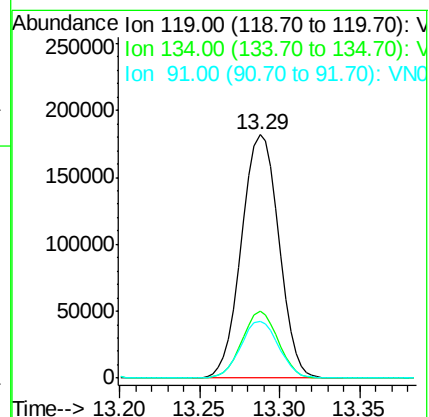
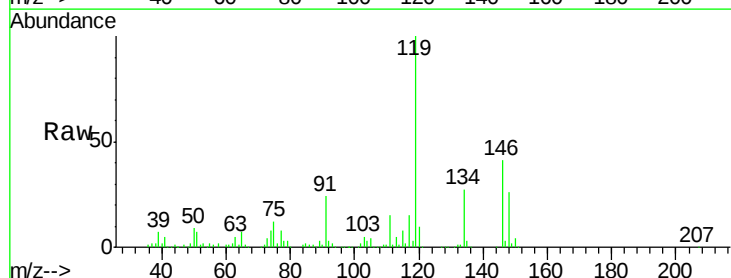
Tgt Ion:119 Resp: 288991

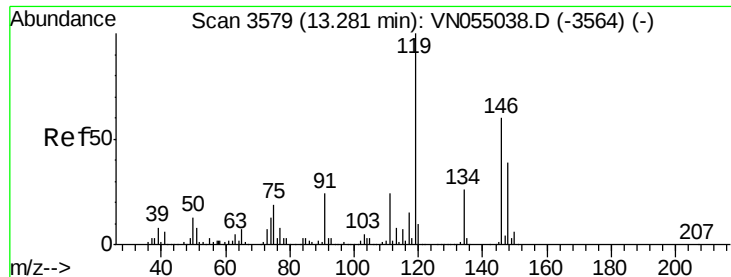
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 23.9 11.7 35.1

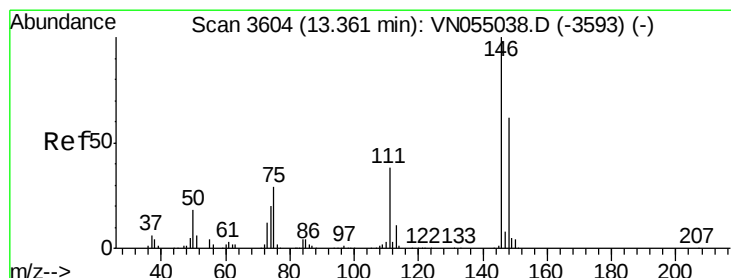
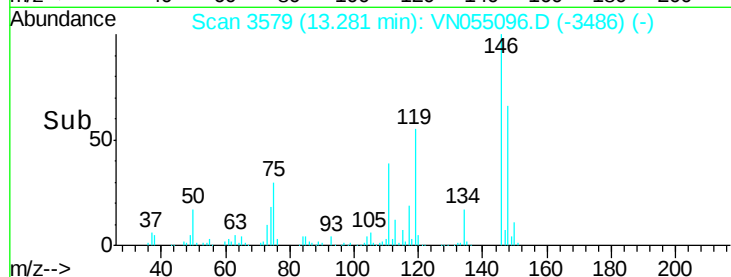
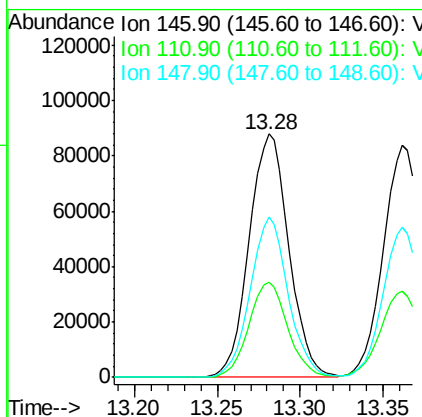
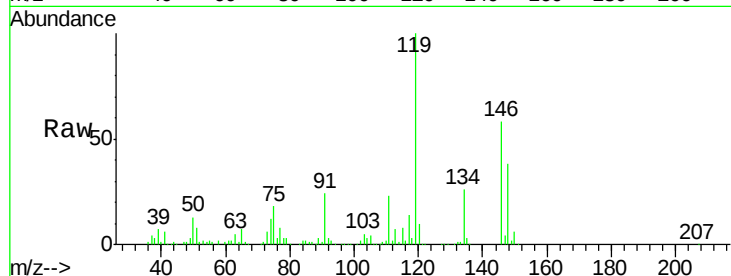




#87
 1,3-Dichlorobenzene
 Concen: 20.227 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

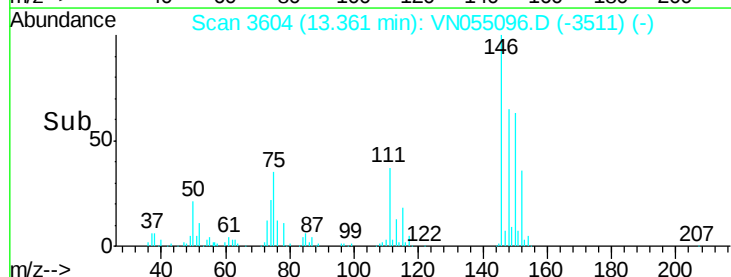
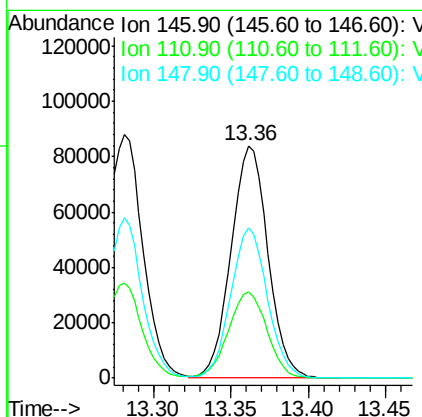
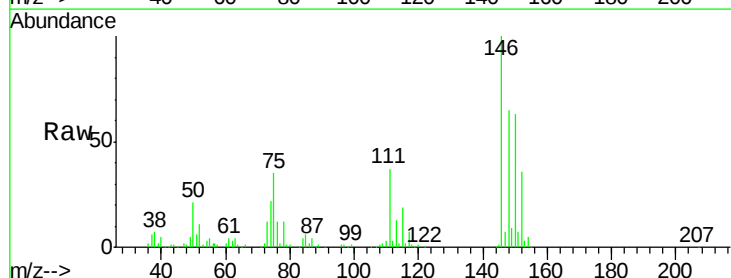
Instrument :
 MSVOA_N
 ClientSampleId :

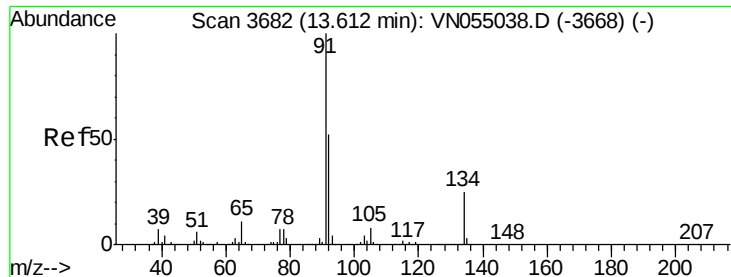
Tot Ion:146 Resp: 146860
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 62.9 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 20.036 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion:146 Resp: 138722
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.8 56.4
 148 64.4 32.4 97.2

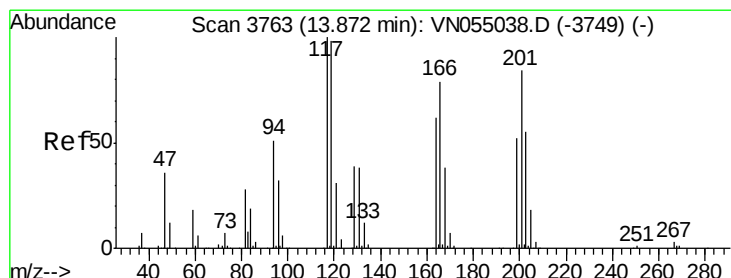
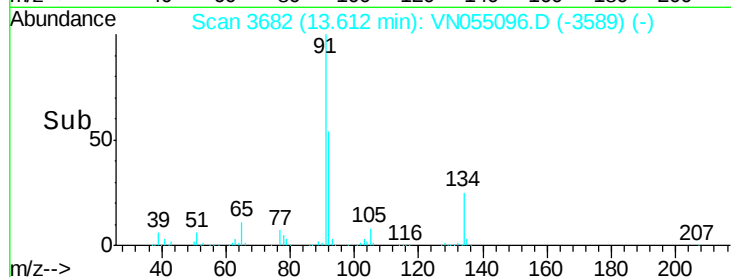
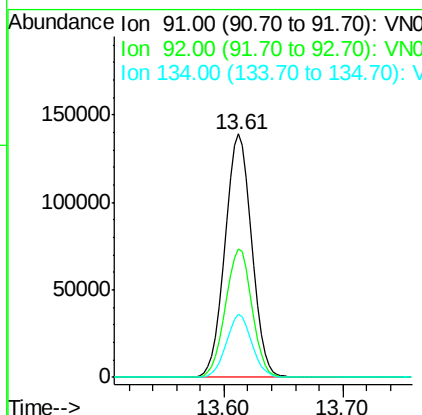
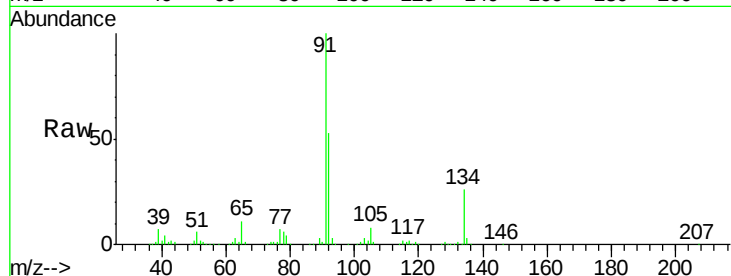




#89
n-Butylbenzene
Concen: 20.402 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

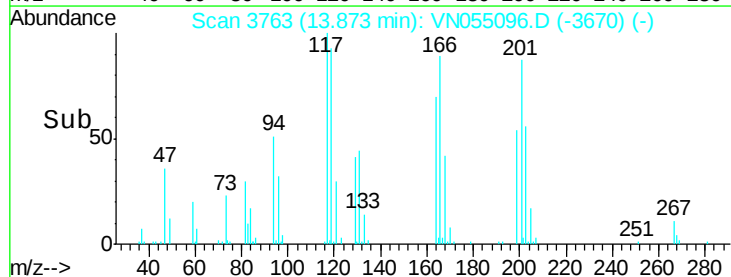
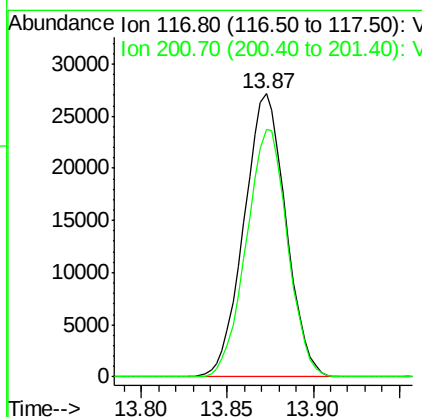
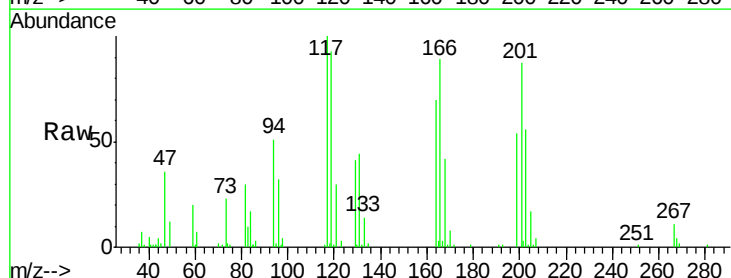
Instrument :
MSVOA_N
ClientSampleId :

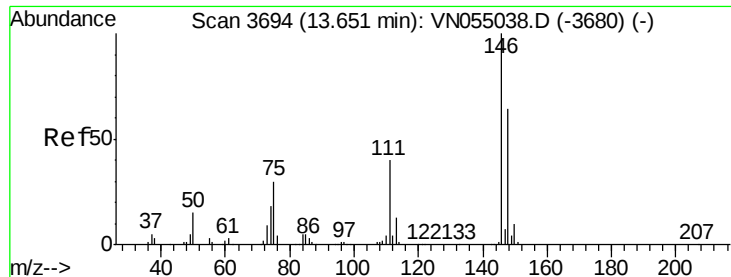
Tot Ion: 91 Resp: 216201
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.7
134 24.7 12.8 38.3



#90
Hexachloroethane
Concen: 19.765 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055096.D
Acq: 17 Apr 2019 10:53

Tgt Ion: 117 Resp: 45908
Ion Ratio Lower Upper
117 100
201 85.8 43.4 130.2





#91

1,2-Dichlorobenzene

Concen: 20.111 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampled :

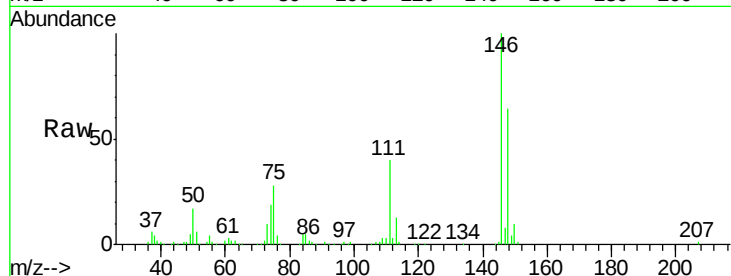
Tot Ion:146 Resp: 146910

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.9

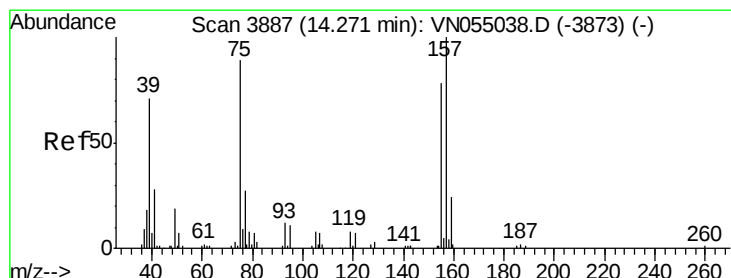
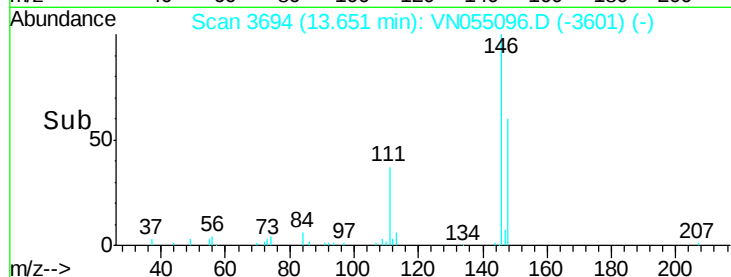
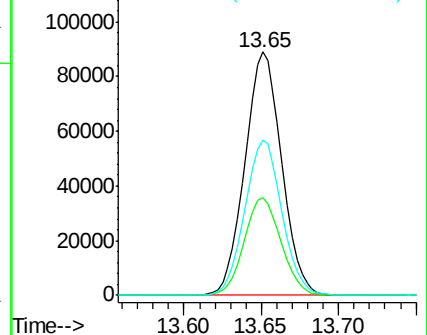
148 64.3 32.2 96.6



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.827 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

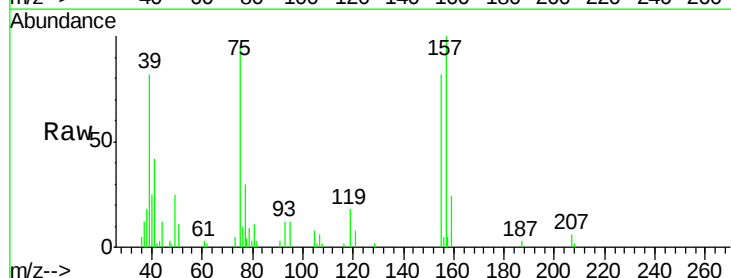
Tgt Ion: 75 Resp: 11886

Ion Ratio Lower Upper

75 100

155 83.9 42.0 126.0

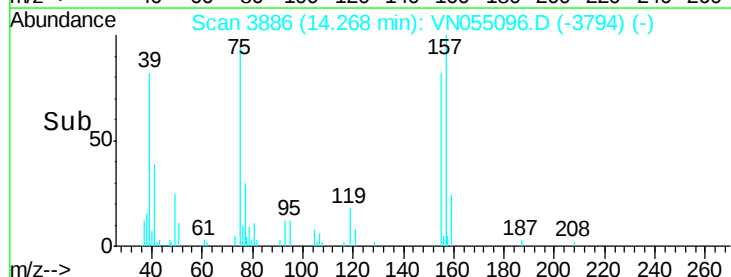
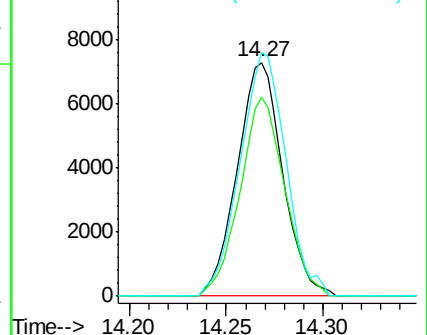
157 105.6 52.1 156.4

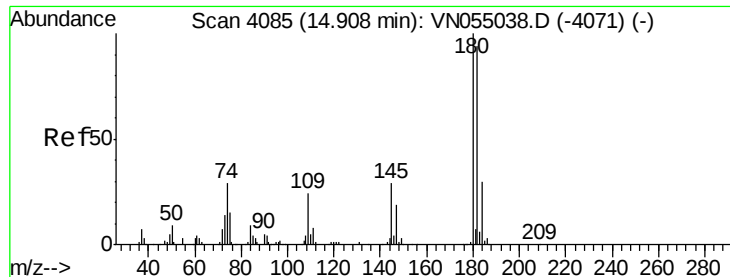


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

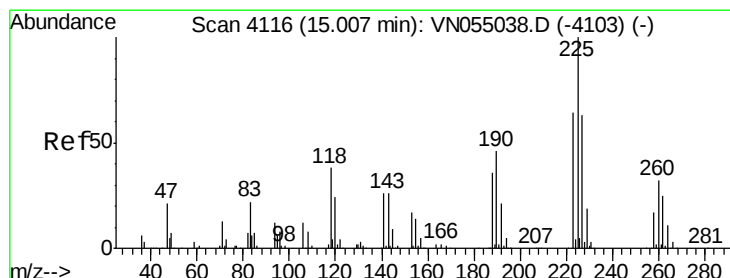
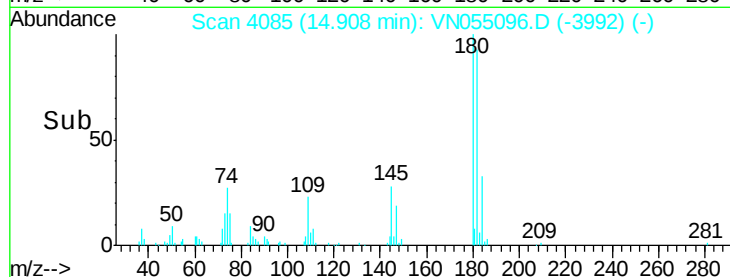
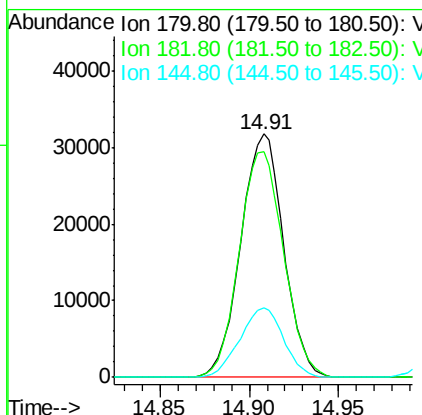
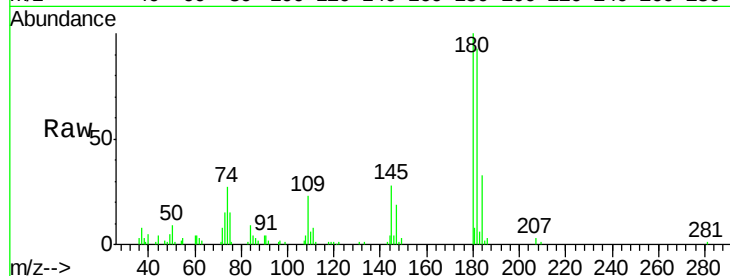




#93
 1,2,4-Trichlorobenzene
 Concen: 17.913 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

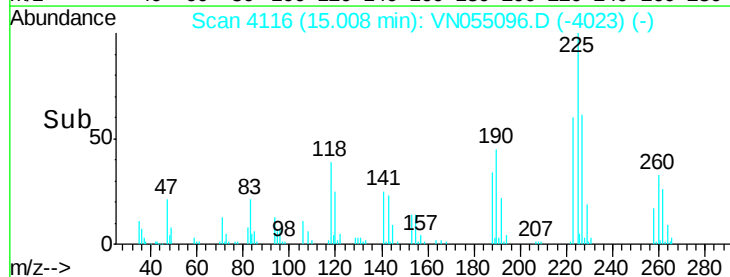
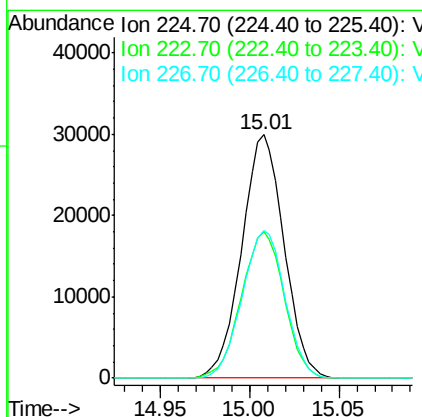
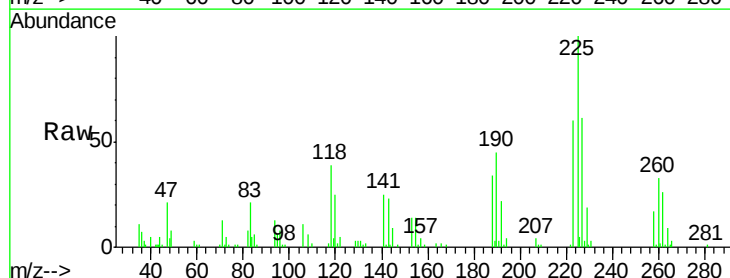
Instrument :
 MSVOA_N
 ClientSampleId :

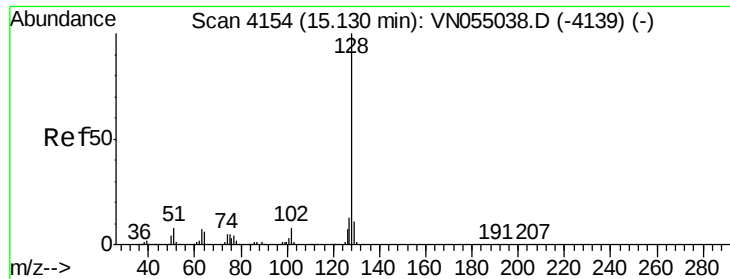
Tot Ion:180 Resp: 53307
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.5 142.6
 145 29.1 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 21.920 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055096.D
 Acq: 17 Apr 2019 10:53

Tgt Ion:225 Resp: 49458
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.4 94.0
 227 61.5 32.6 97.7





#95

Naphthalene

Concen: 16.674 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

Instrument :

MSVOA_N

ClientSampleId :

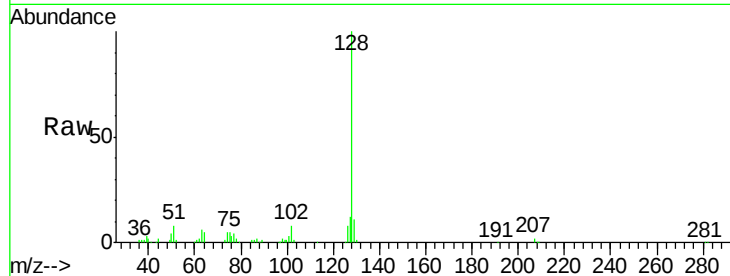
Tot Ion:128 Resp: 112222

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

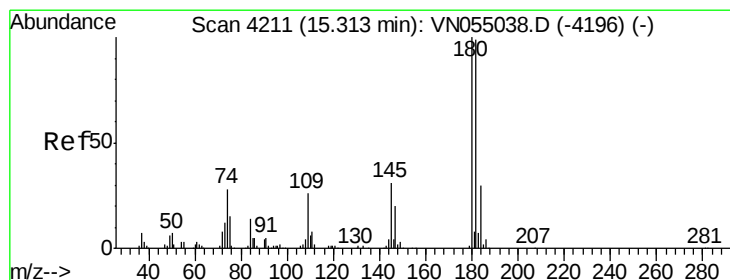
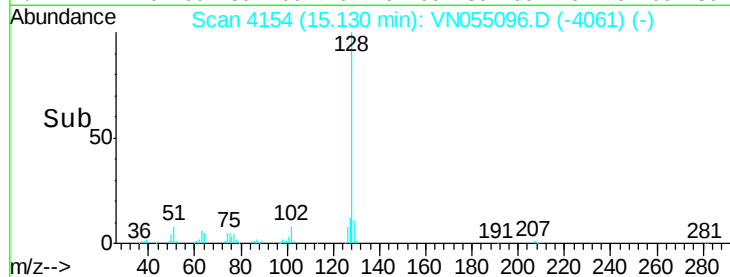
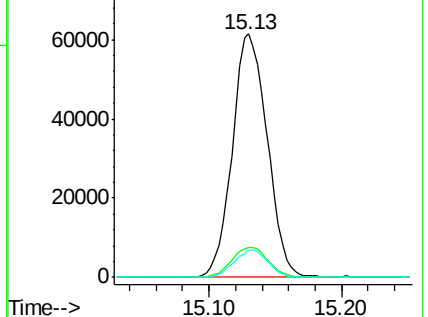
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.436 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055096.D

Acq: 17 Apr 2019 10:53

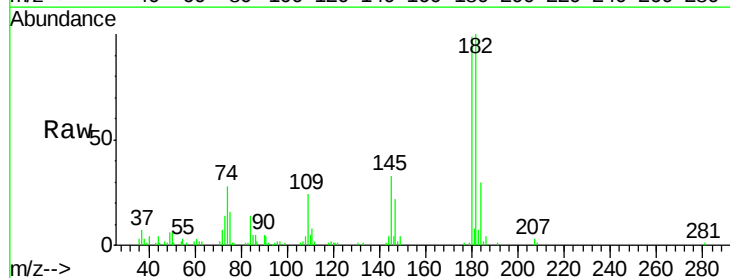
Tgt Ion:180 Resp: 54772

Ion Ratio Lower Upper

180 100

182 99.5 48.0 144.0

145 31.5 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

