

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
 Data File : VN051030.D
 Acq On : 6 Sep 2018 12:59
 Operator : MD\SY
 Sample : VN0906WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

Quant Time: Sep 07 00:54:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	129526	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	649750	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	583938	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	247197	29.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.70%
60) 4-Bromofluorobenzene	12.40	95	260348	29.98	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.93%
63) Toluene-d8	10.09	98	821690	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	129240	16.07	ug/l	100
3) Chloromethane	2.06	50	157462	16.58	ug/l	98
4) Vinyl Chloride	2.18	62	153930	16.40	ug/l	100
5) Bromomethane	2.55	94	103931	18.17	ug/l	99
6) Chloroethane	2.70	64	92754	16.76	ug/l	98
7) Trichlorofluoromethane	3.01	101	213908	17.19	ug/l	99
8) Diethyl Ether	3.41	74	81298	18.53	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	135060	17.53	ug/l	97
10) 1,1-Dichloroethene	3.73	96	115319	16.48	ug/l	98
11) Methyl Iodide	3.95	142	94288	14.44	ug/l	99
12) Methyl Acetate	4.33	43	196546	24.29	ug/l	100
13) Acrolein	3.61	56	45711	255.08	ug/l	98
14) Acrylonitrile	4.99	53	278960	101.95	ug/l	99
15) Acetone	3.82	58	74009	105.70	ug/l	87
16) Carbon Disulfide	4.05	76	323935	15.39	ug/l	100
17) Allyl chloride	4.32	41	186763	16.96	ug/l	99
18) Methylene Chloride	4.55	84	151623	18.46	ug/l	97
19) trans-1,2-Dichloroethene	5.04	96	127990	17.16	ug/l	96
20) Diisopropyl ether	5.96	45	431796	18.89	ug/l	99
21) 1,1-Dichloroethane	5.85	63	248961	17.76	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	148444	17.62	ug/l	98
23) tert-Butyl Alcohol	4.80	59	65218	112.07	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	374691	19.57	ug/l	100
25) Chloroform	7.37	83	259342	18.54	ug/l	99
26) Cyclohexane	7.65	56	185483	15.97	ug/l	# 98
29) 1,1-Dichloropropene	7.79	75	174996	17.99	ug/l	99
30) 2-Butanone	6.84	43	320561	107.12	ug/l	99
31) 2,2-Dichloropropane	6.83	77	190153	20.09	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	211032	19.13	ug/l	98
33) Carbon Tetrachloride	7.78	117	182444	18.37	ug/l	95
34) Benzene	8.04	78	577469	19.19	ug/l	99
35) Methacrylonitrile	7.18	41	60718	18.52	ug/l	97
36) 1,2-Dichloroethane	8.13	62	183712	20.19	ug/l	99
37) Trichloroethene	8.83	130	146509	18.63	ug/l	98
38) Methylcyclohexane	9.08	83	178280	17.06	ug/l	99
39) 1,2-Dichloropropane	9.12	63	158126	20.12	ug/l	98
40) Dibromomethane	9.21	93	97129	20.52	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

Quant Time: Sep 07 00:54:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	200104	20.05	ug/l	99
42) Vinyl Acetate	5.90	43	1318428	95.65	ug/l	100
43) Ethyl Acetate	6.94	43	133120	21.72	ug/l	96
44) Isopropyl Acetate	8.17	43	231440	21.40	ug/l	97
45) 1,4-Dioxane	9.20	88	36642	456.00	ug/l	98
46) Methyl methacrylate	9.20	41	113685	20.98	ug/l	96
47) n-amyl Acetate	12.07	43	170320	19.58	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	192937	19.72	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	221821	19.74	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	144188	20.96	ug/l	98
51) Ethyl methacrylate	10.43	69	170078	20.21	ug/l	100
52) 1,3-Dichloropropane	10.71	76	233975	20.53	ug/l	99
53) Dibromochloromethane	10.90	129	160159	20.48	ug/l	98
54) 1,2-Dibromoethane	11.01	107	138948	20.43	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	300712	85.87	ug/l	99
56) Bromoform	12.13	173	114714	20.62	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	713680	106.82	ug/l	99
59) 2-Hexanone	10.75	43	468813	107.35	ug/l	99
61) Tetrachloroethene	10.63	164	135582	18.63	ug/l	100
62) Toluene	10.16	91	612992	18.82	ug/l	100
64) Chlorobenzene	11.44	112	386517	19.14	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	152198	19.97	ug/l	100
66) Ethyl Benzene	11.51	91	603108	17.87	ug/l	100
67) m/p-Xylenes	11.62	106	488597	37.63	ug/l	100
68) o-Xylene	11.95	106	233956	18.86	ug/l	100
69) Styrene	11.96	104	373573	18.94	ug/l	99
70) Isopropylbenzene	12.25	105	612304	18.57	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.50	83	190744	21.37	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	215600	28.00	ug/l	92
73) Bromobenzene	12.53	156	166004	19.14	ug/l	98
74) n-propylbenzene	12.59	91	680256	18.25	ug/l	99
75) 2-Chlorotoluene	12.67	91	425586	18.80	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	509576	18.92	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	44675	20.36	ug/l	98
78) 4-Chlorotoluene	12.77	91	417049	18.71	ug/l	99
79) tert-butylbenzene	12.99	119	427526	18.27	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	510386	19.00	ug/l	99
81) sec-Butylbenzene	13.17	105	570755	18.65	ug/l	99
82) p-Isopropyltoluene	13.29	119	488736	18.50	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	274889	18.75	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	257358	18.52	ug/l	97
85) n-Butylbenzene	13.62	91	348285	17.28	ug/l	100
86) Hexachloroethane	13.88	117	94462	18.63	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	278262	19.28	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	26844	21.50	ug/l	94
89) 1,2,4-Trichlorobenzene	14.91	180	103229	16.07	ug/l	99
90) Hexachlorobutadiene	15.01	225	87073	19.95	ug/l	99
91) Naphthalene	15.14	128	209903	19.03	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	112745	17.49	ug/l	100

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Quant Time: Sep 07 00:54:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration

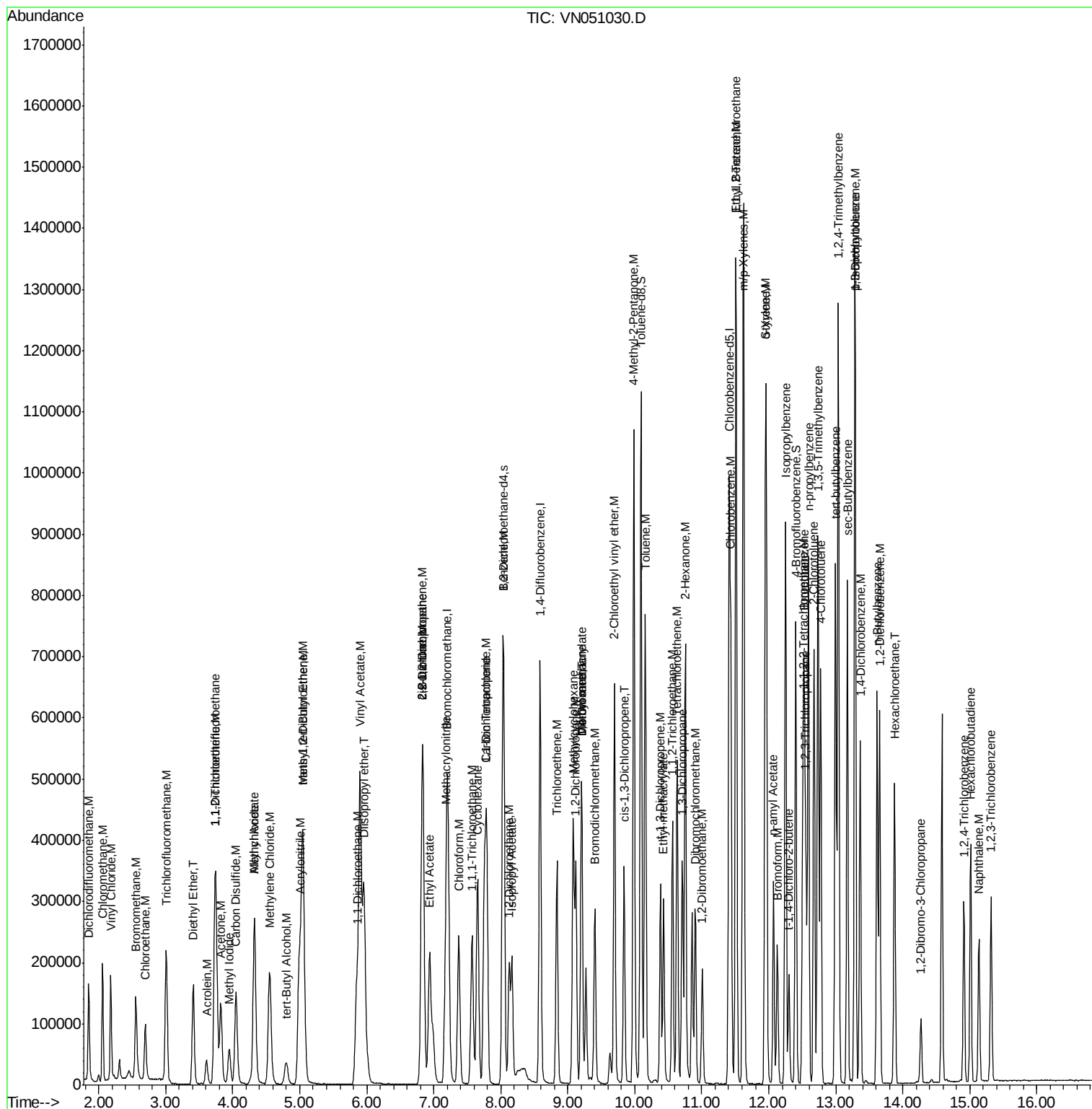
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
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Acq On : 6 Sep 2018 12:59
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Sample : VN0906WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN0906WBS01

Quant Time: Sep 07 00:54:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

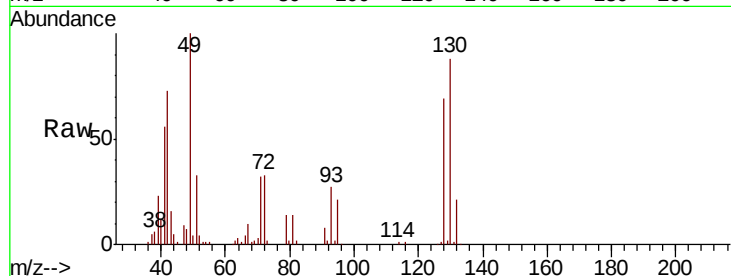
Tot Ion:128 Resp: 129526

Ion Ratio Lower Upper

128 100

49 148.4 0.0 380.3

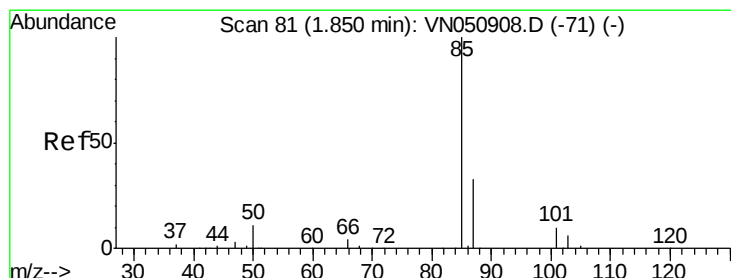
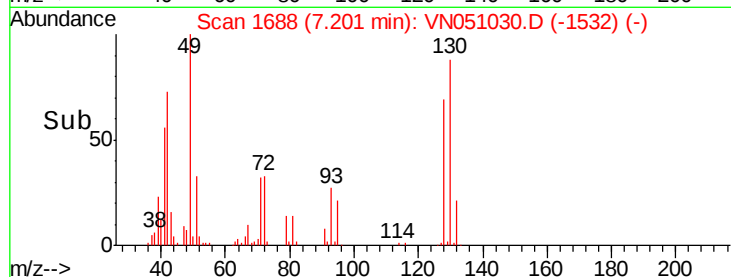
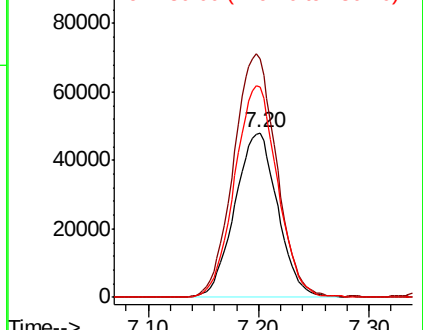
130 128.5 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 16.07 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051030.D

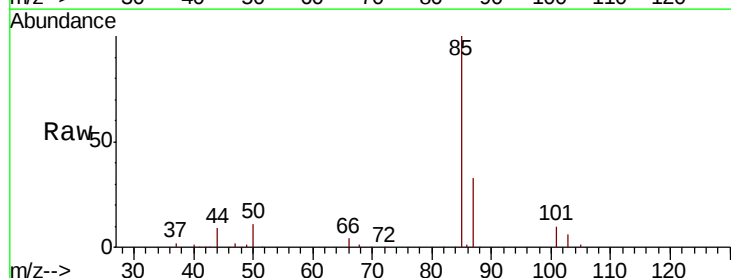
Acq: 6 Sep 2018 12:59

Tgt Ion: 85 Resp: 129240

Ion Ratio Lower Upper

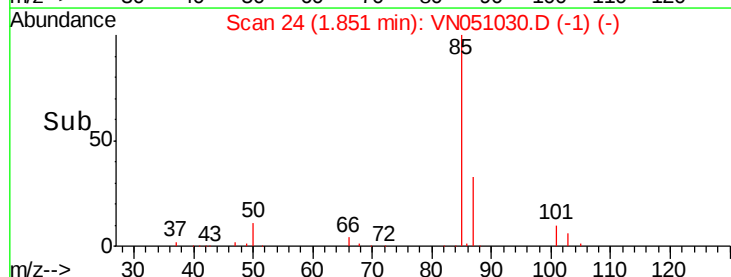
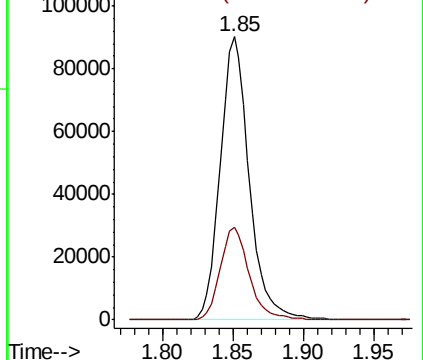
85 100

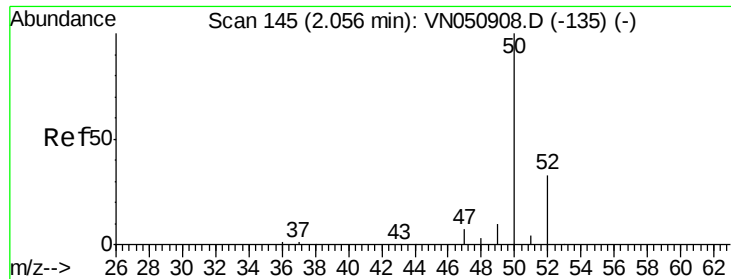
87 32.6 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 16.58 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampled :

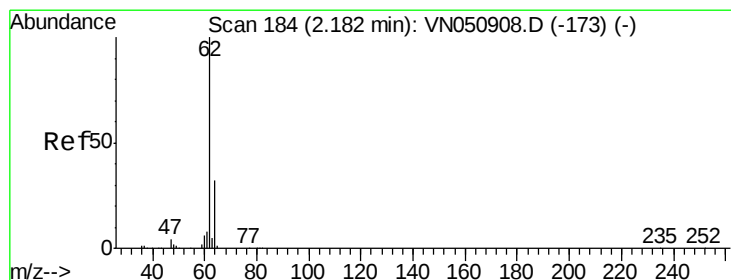
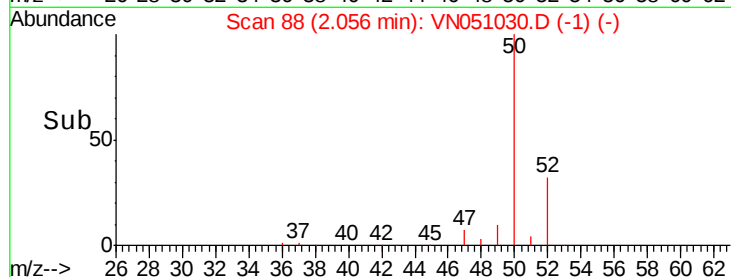
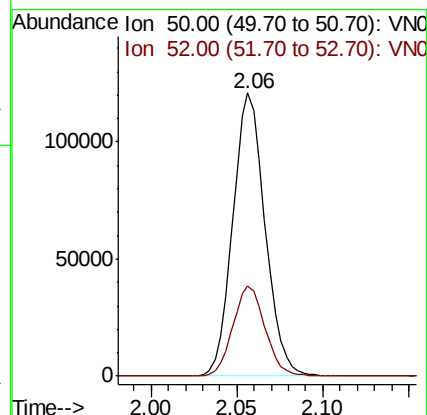
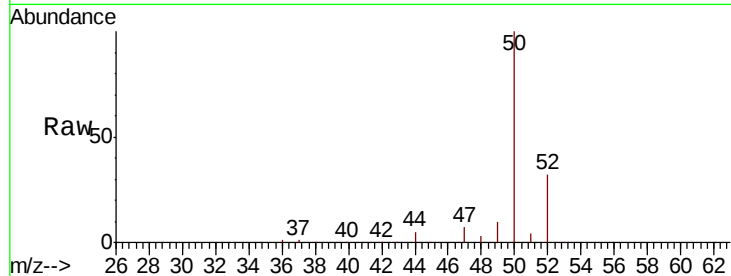
VN0906WBS01

Tot Ion: 50 Resp: 157462

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.4



#4

Vinyl Chloride

Concen: 16.40 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN051030.D

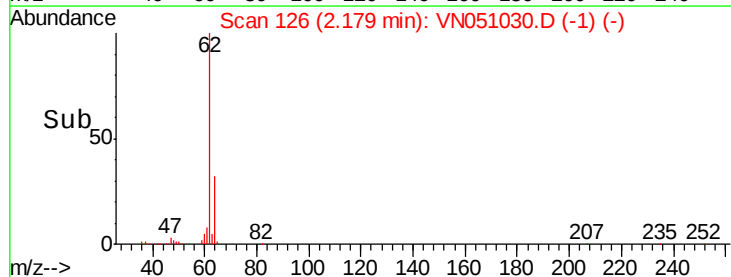
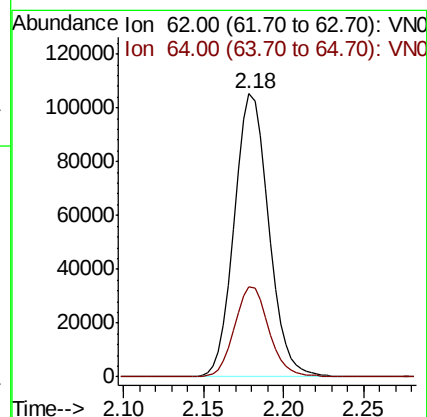
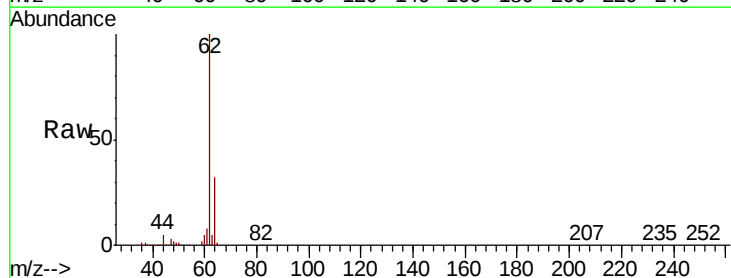
Acq: 6 Sep 2018 12:59

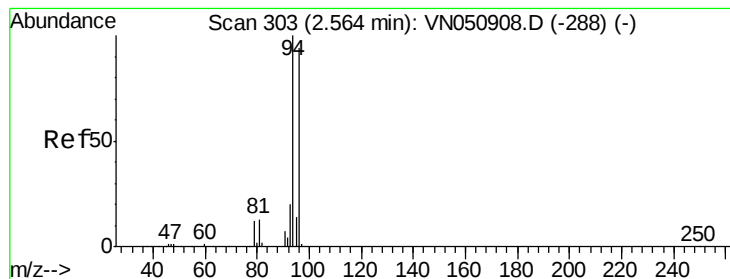
Tgt Ion: 62 Resp: 153930

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 18.17 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampled :

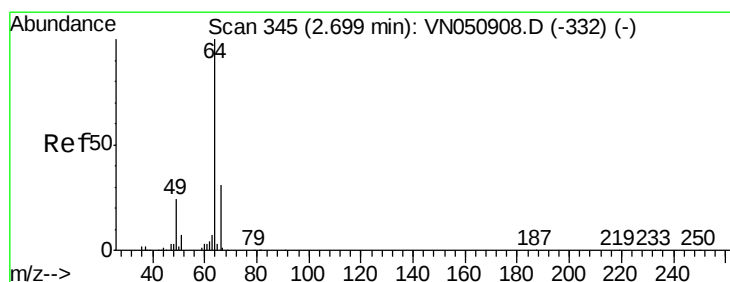
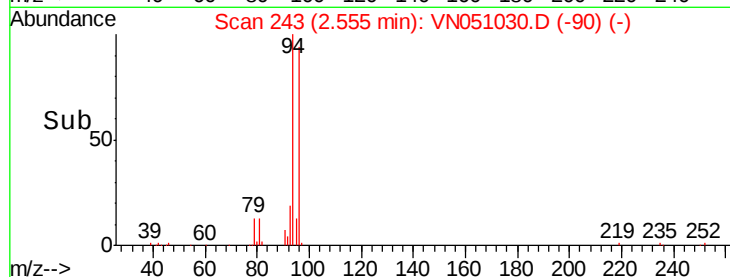
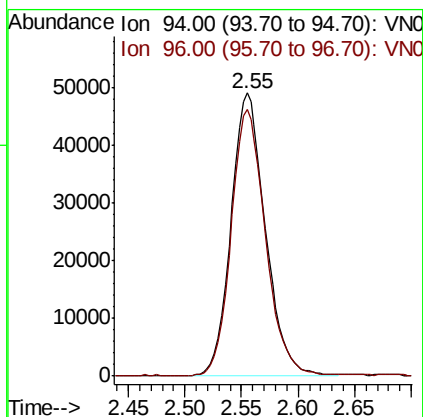
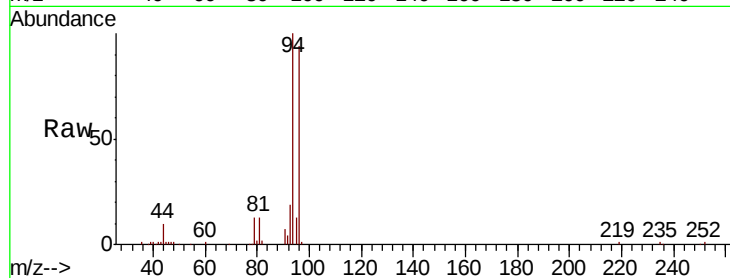
VN0906WBS01

Tot Ion: 94 Resp: 103931

Ion Ratio Lower Upper

94 100

96 94.4 74.9 112.3



#6

Chloroethane

Concen: 16.76 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN051030.D

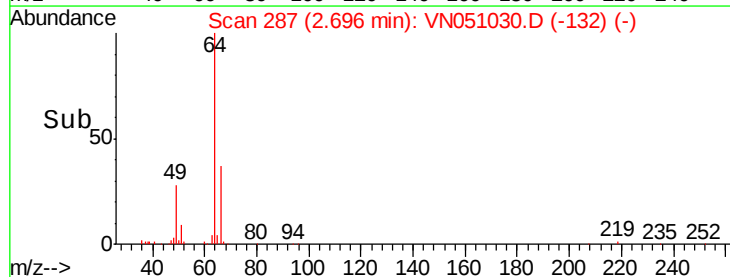
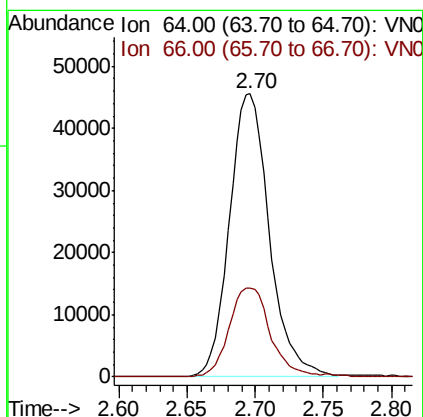
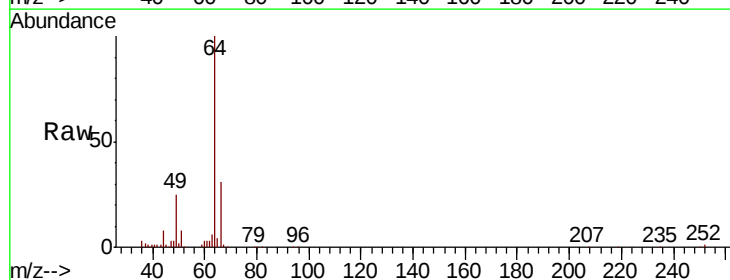
Acq: 6 Sep 2018 12:59

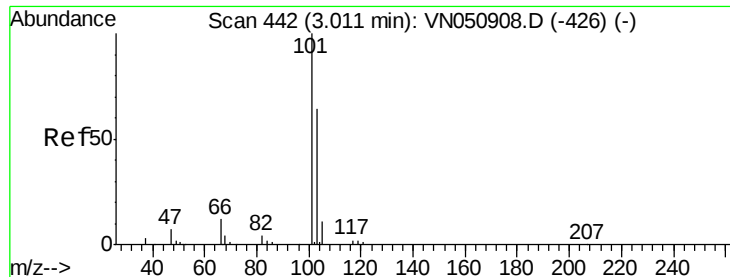
Tgt Ion: 64 Resp: 92754

Ion Ratio Lower Upper

64 100

66 31.5 24.5 36.7



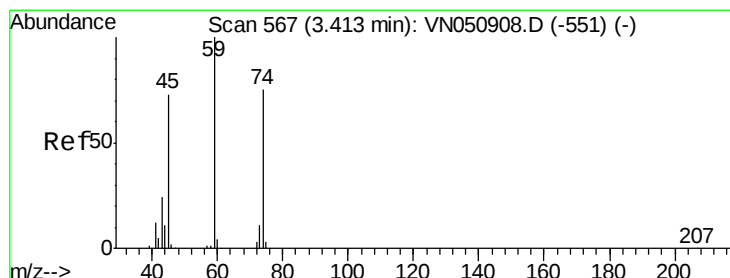
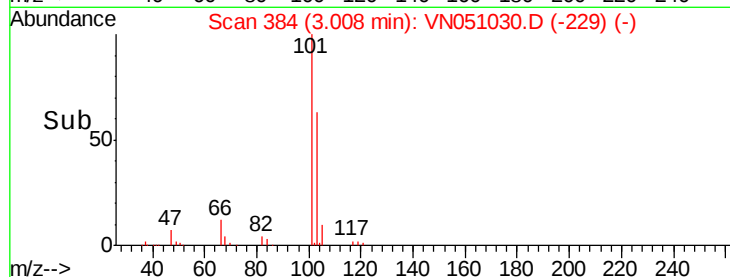
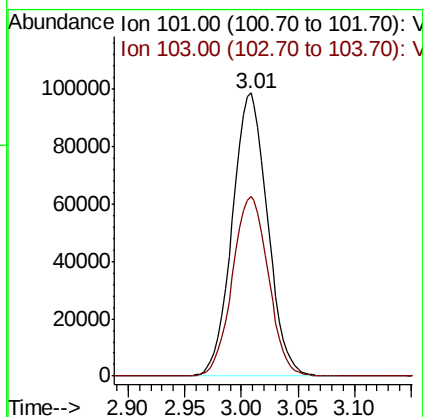
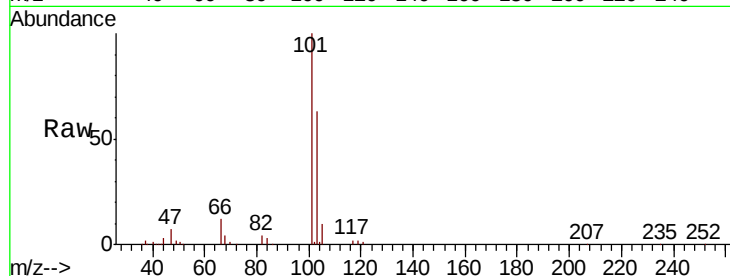


#7

Trichlorofluoromethane
Concen: 17.19 ug/l
RT: 3.01 min Scan# 384
Delta R.T. -0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

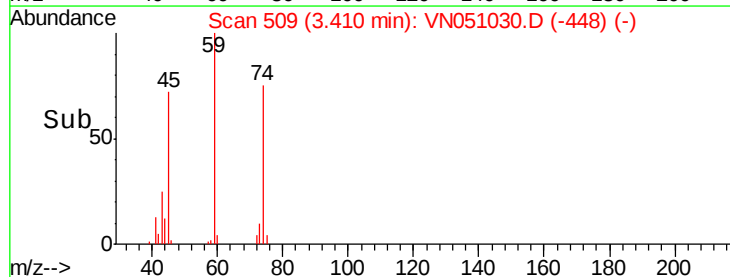
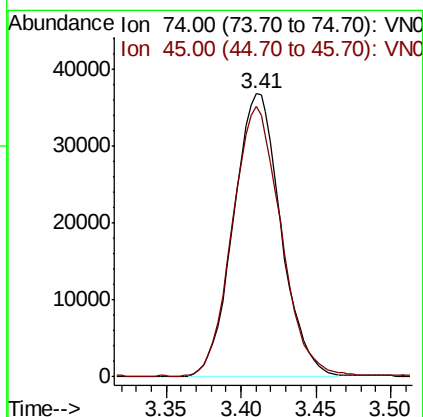
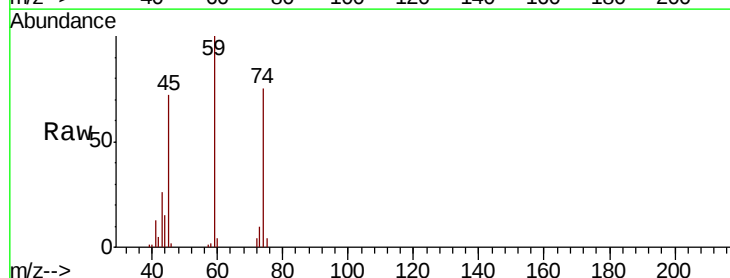
Tot Ion:101 Resp: 213908
Ion Ratio Lower Upper
101 100
103 63.5 51.3 76.9

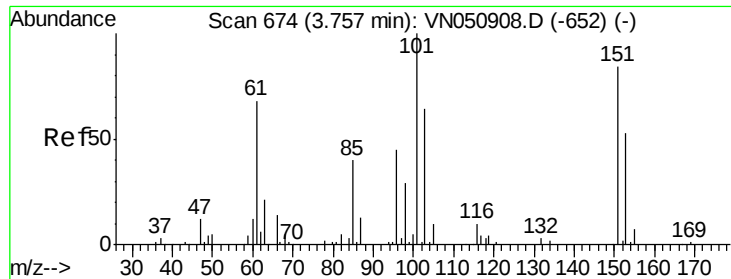


#8

Diethyl Ether
Concen: 18.53 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 74 Resp: 81298
Ion Ratio Lower Upper
74 100
45 98.1 19.7 177.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.53 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

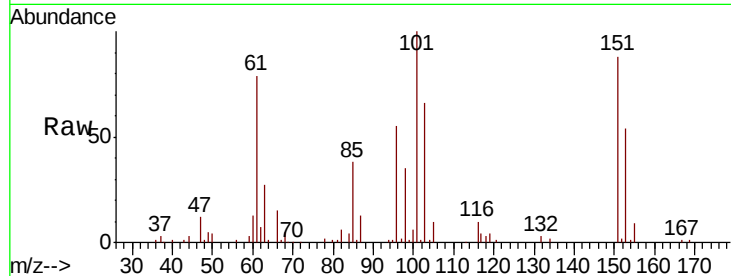
Tot Ion:101 Resp: 135060

Ion Ratio Lower Upper

101 100

85 40.5 0.0 83.6

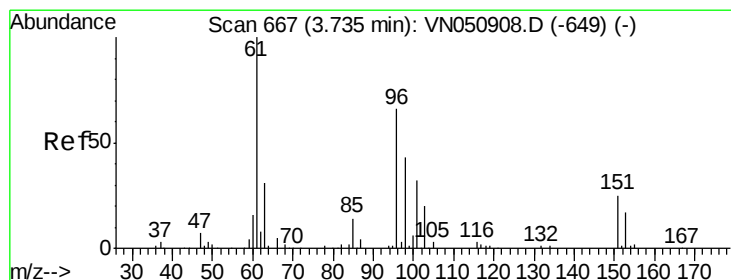
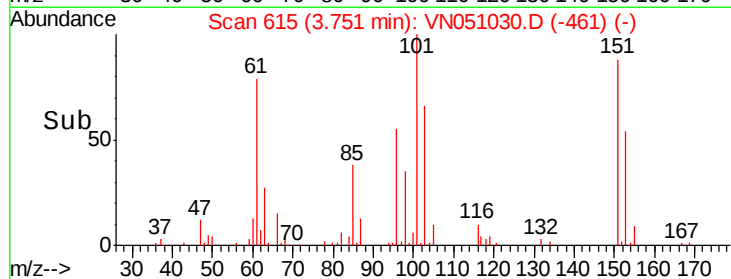
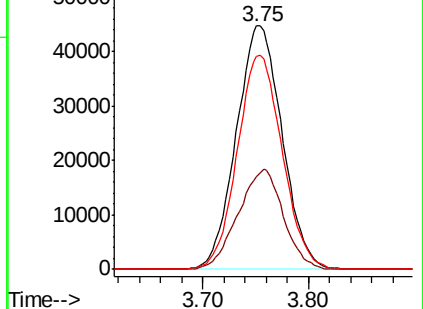
151 86.3 0.0 167.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.48 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

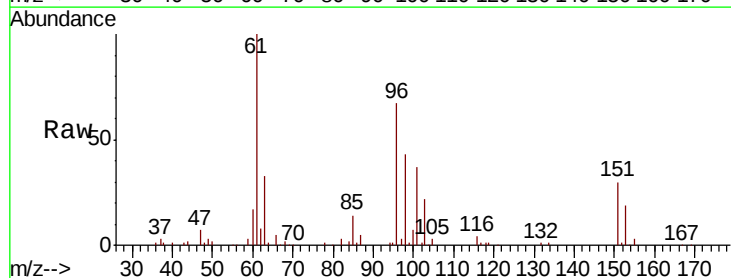
Tgt Ion: 96 Resp: 115319

Ion Ratio Lower Upper

96 100

61 148.9 121.8 182.8

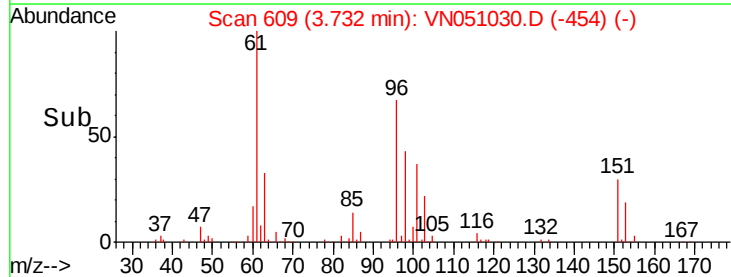
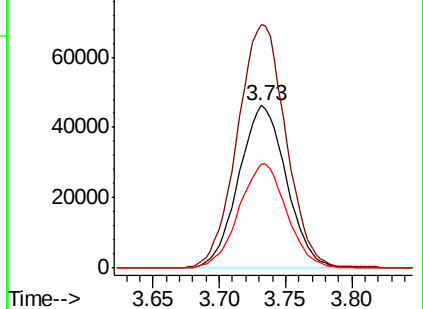
98 64.1 52.3 78.5

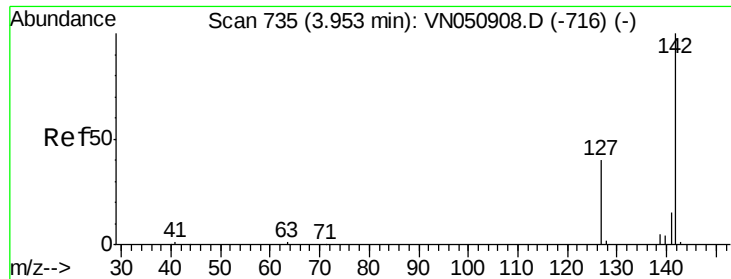


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

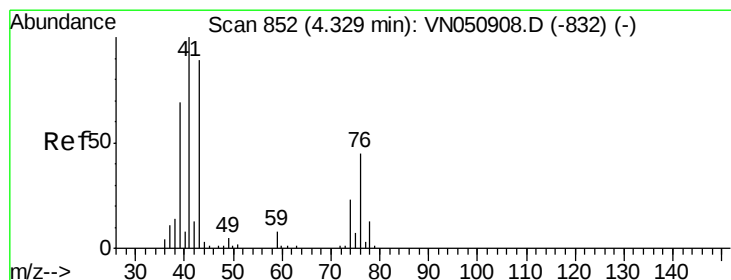
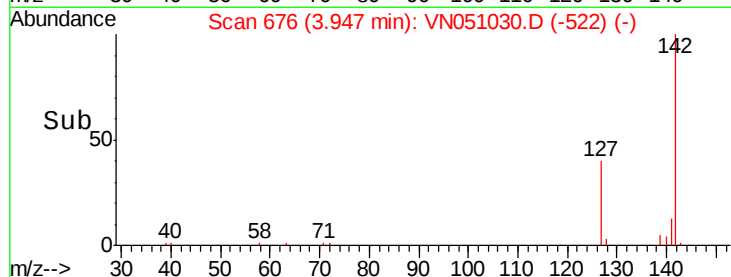
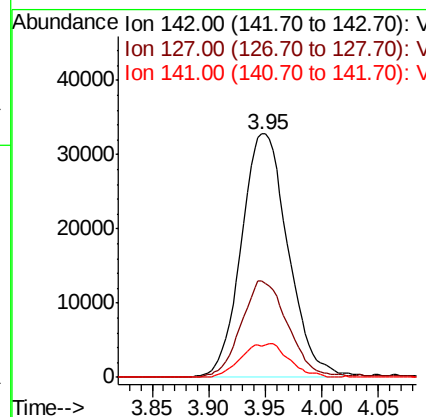
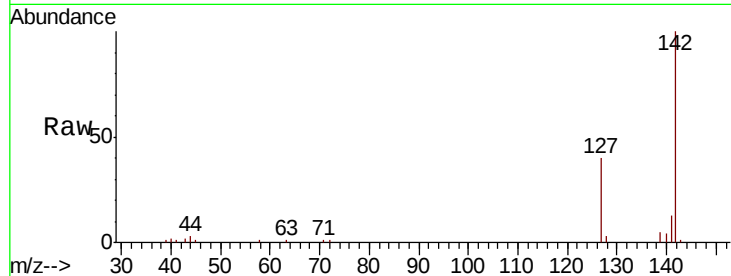




#11
Methvl Iodide
Concen: 14.44 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.01 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

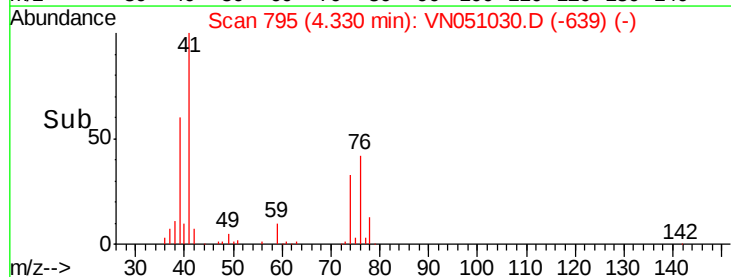
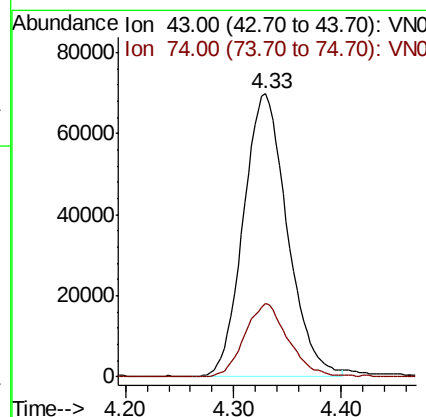
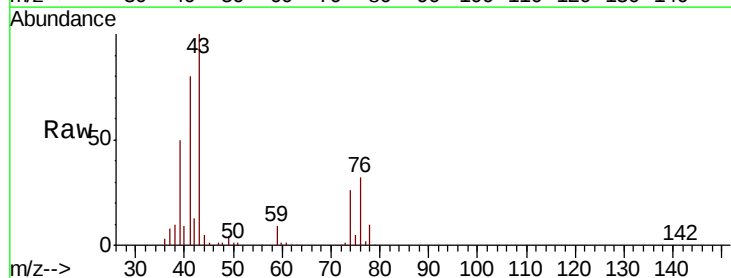
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

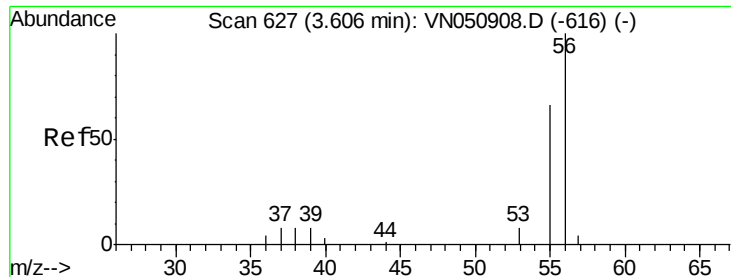
Tot Ion:142 Resp: 94288
Ion Ratio Lower Upper
142 100
127 39.7 19.7 59.1
141 13.1 7.3 22.0



#12
Methyl Acetate
Concen: 24.29 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 43 Resp: 196546
Ion Ratio Lower Upper
43 100
74 25.9 20.6 31.0





#13

Acrolein

Concen: 255.08 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

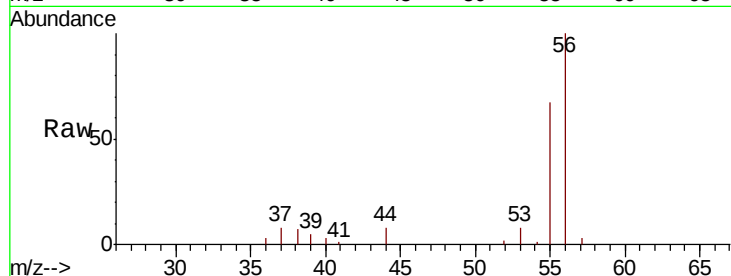
VN0906WBS01

Tot Ion: 56 Resp: 45711

Ion Ratio Lower Upper

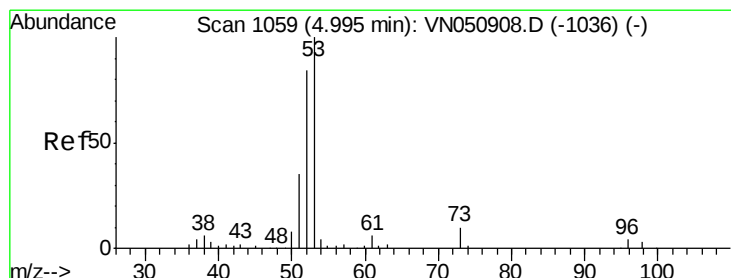
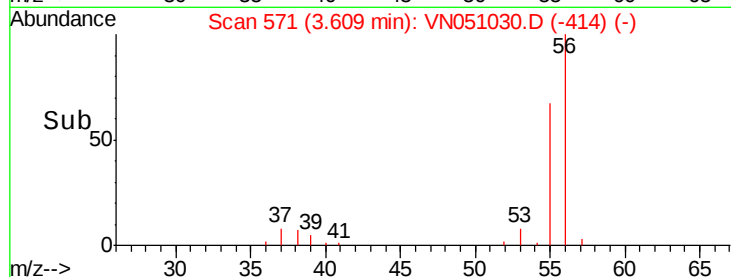
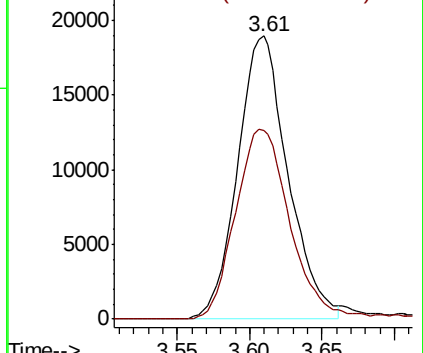
56 100

55 71.8 59.1 88.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 101.95 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

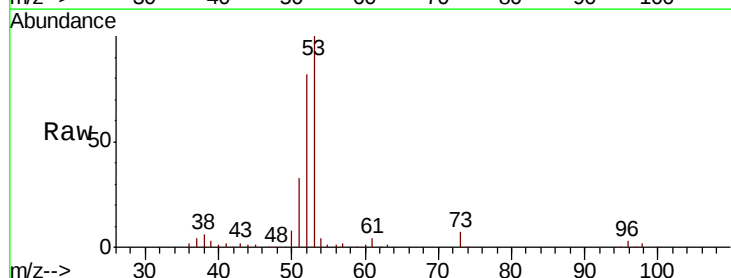
Tgt Ion: 53 Resp: 278960

Ion Ratio Lower Upper

53 100

52 82.9 42.2 126.6

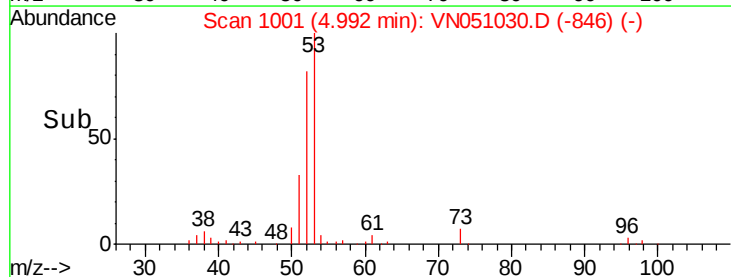
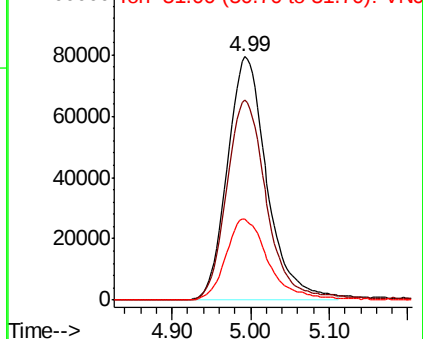
51 35.2 17.7 53.1

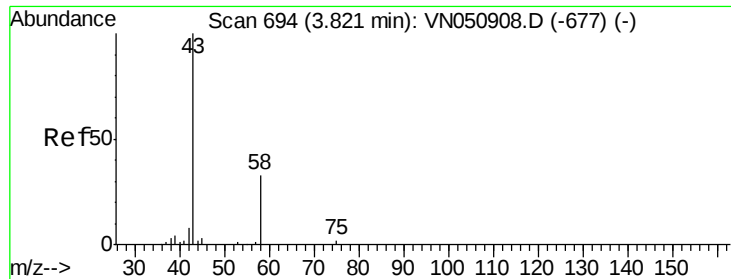


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 105.70 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

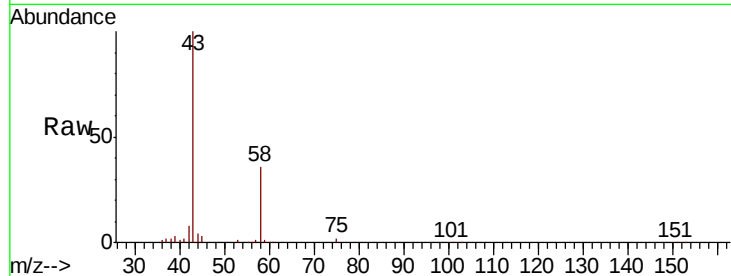
VN0906WBS01

Tot Ion: 58 Resp: 74009

Ion Ratio Lower Upper

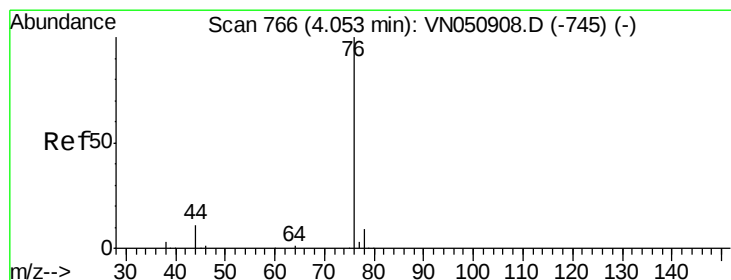
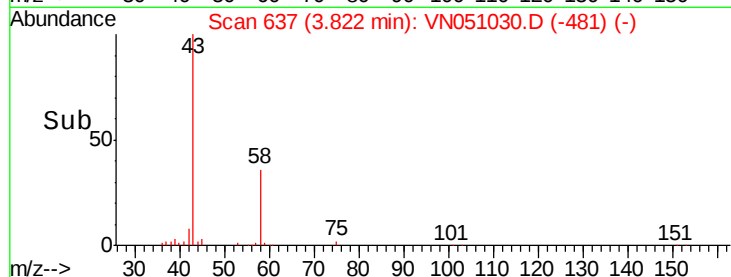
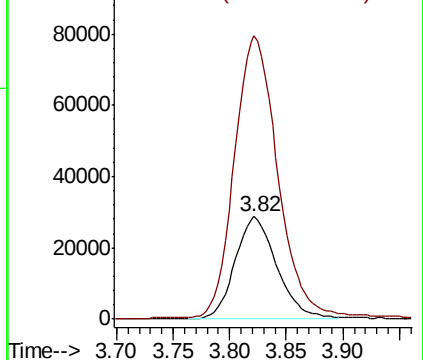
58 100

43 274.7 239.4 359.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 15.39 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN051030.D

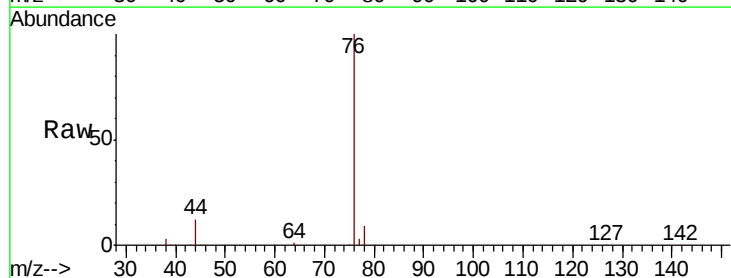
Acq: 6 Sep 2018 12:59

Tgt Ion: 76 Resp: 323935

Ion Ratio Lower Upper

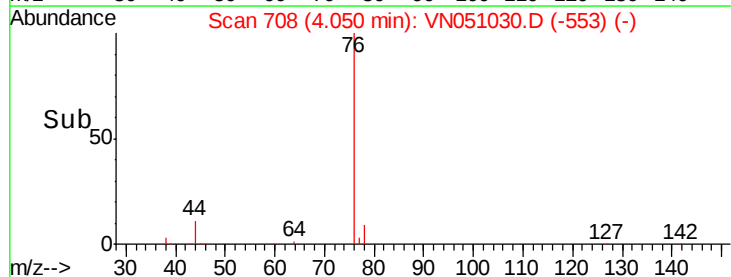
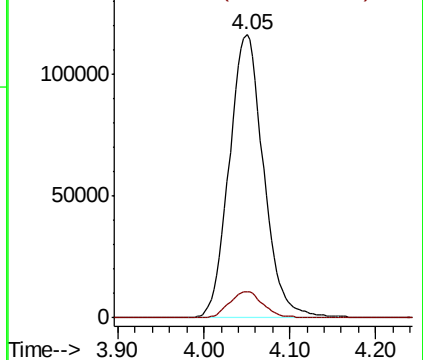
76 100

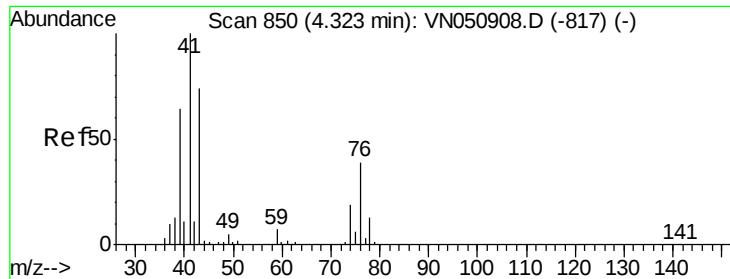
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

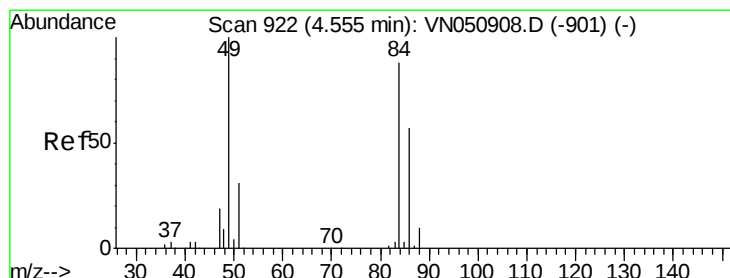
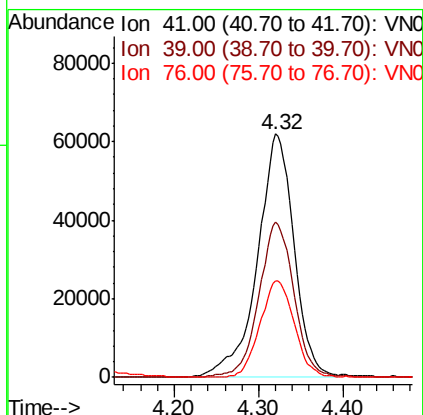
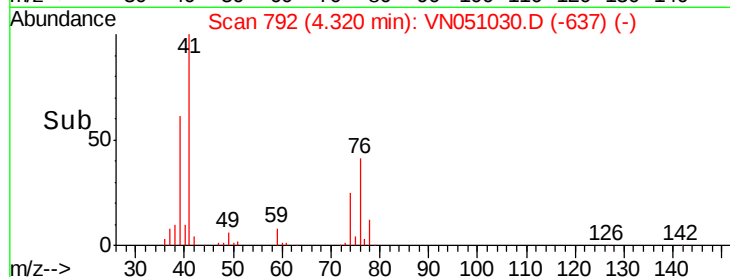
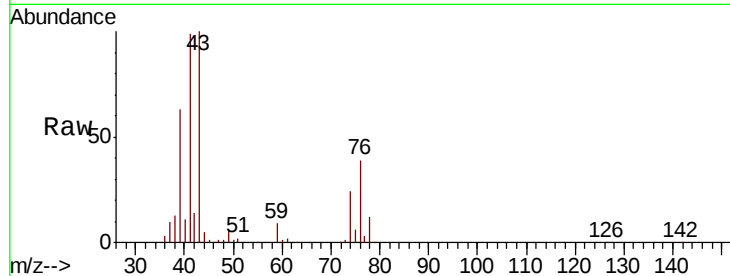




#17
Allvl chloride
Concen: 16.96 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

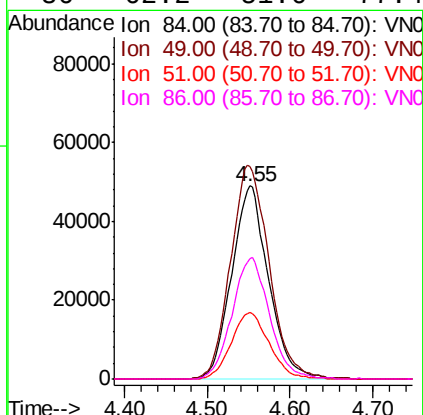
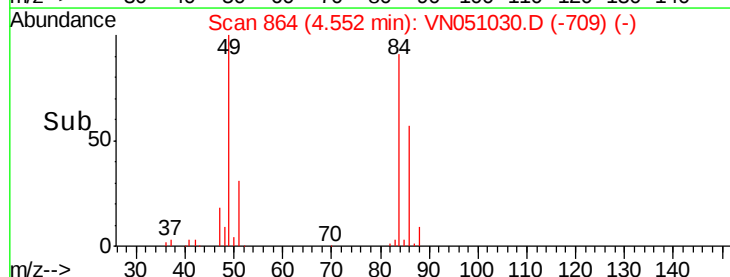
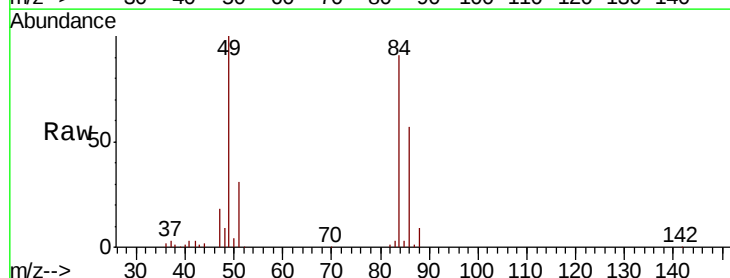
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

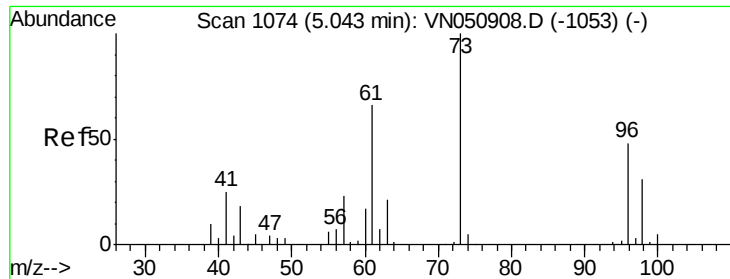
Tot Ion: 41 Resp: 186763
Ion Ratio Lower Upper
41 100
39 63.7 32.2 96.6
76 39.4 19.6 58.7



#18
Methylene Chloride
Concen: 18.46 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 84 Resp: 151623
Ion Ratio Lower Upper
84 100
49 110.0 90.6 135.8
51 34.2 28.4 42.6
86 62.2 51.6 77.4

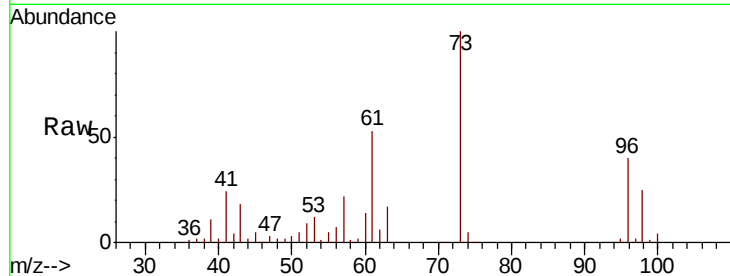




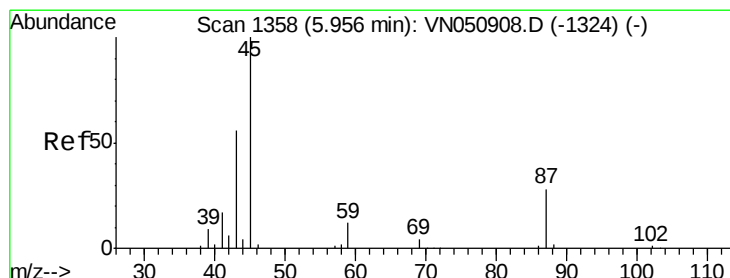
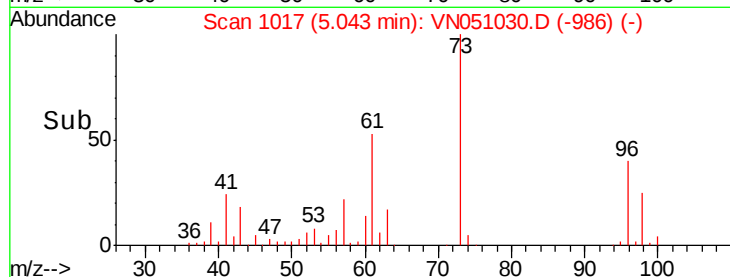
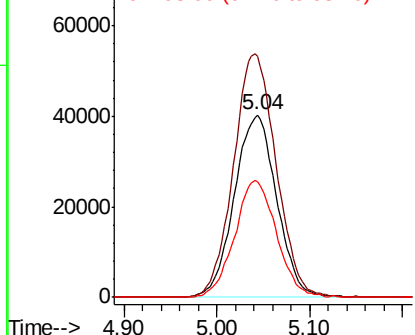
#19
trans-1,2-Dichloroethene
Concen: 17.16 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tot Ion: 96 Resp: 127990
Ion Ratio Lower Upper
96 100
61 131.5 109.5 164.3
98 63.4 51.9 77.9

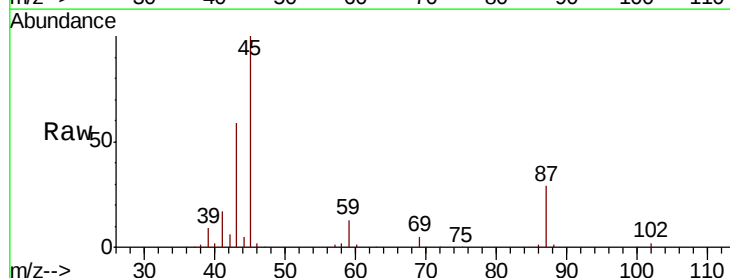


Abundance Ion 96.00 (95.70 to 96.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

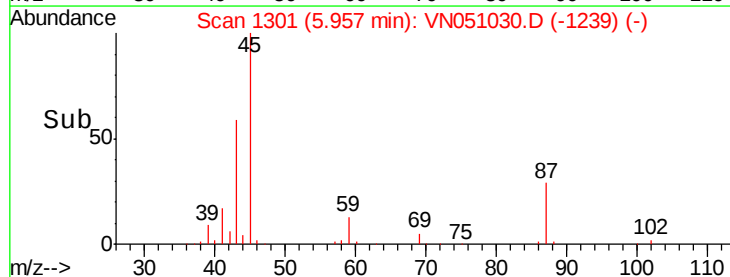
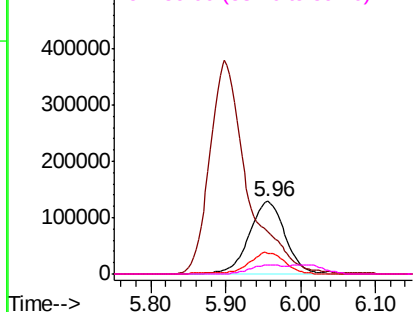


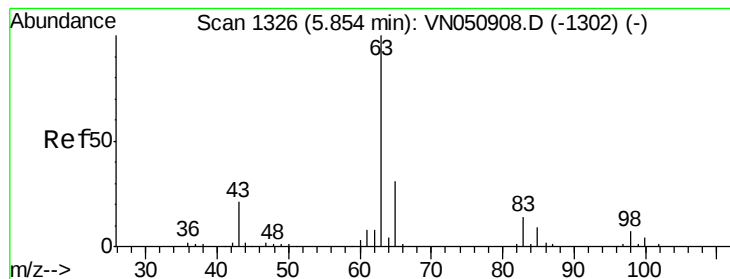
#20
Diisopropyl ether
Concen: 18.89 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 45 Resp: 431796
Ion Ratio Lower Upper
45 100
43 57.6 47.0 70.6
87 28.5 22.8 34.2
59 12.3 9.5 14.3



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





#21

1,1-Dichloroethane

Concen: 17.76 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

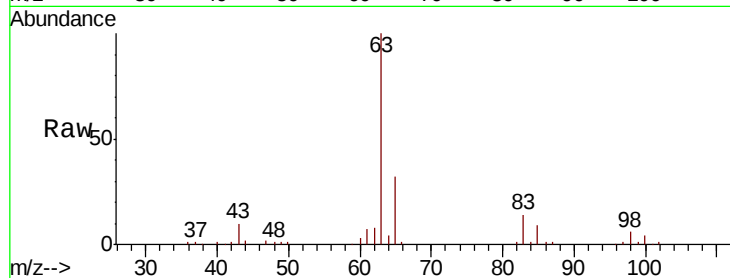
Tot Ion: 63 Resp: 248961

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

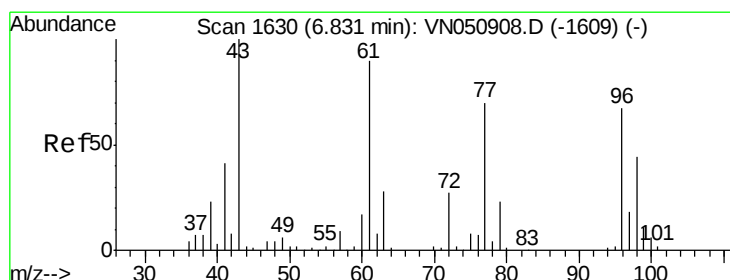
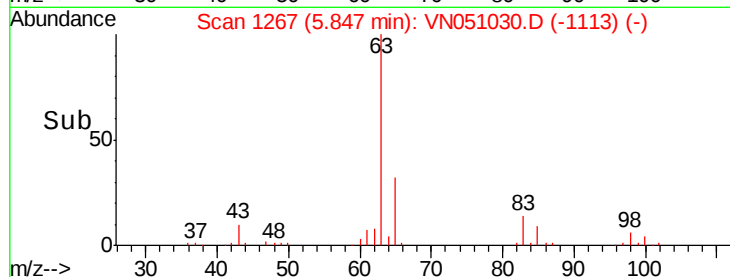
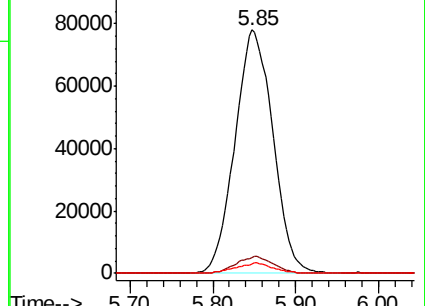
100 3.9 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VN051030.D (-1267) (-)

Ion 98.00 (97.70 to 98.70): VN051030.D (-1267) (-)

Ion 100.00 (99.70 to 100.70): VN051030.D (-1267) (-)



#22

cis-1,2-Dichloroethene

Concen: 17.62 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

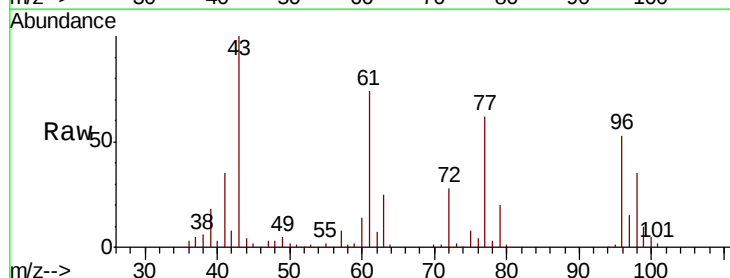
Tgt Ion: 96 Resp: 148444

Ion Ratio Lower Upper

96 100

61 141.2 110.0 165.0

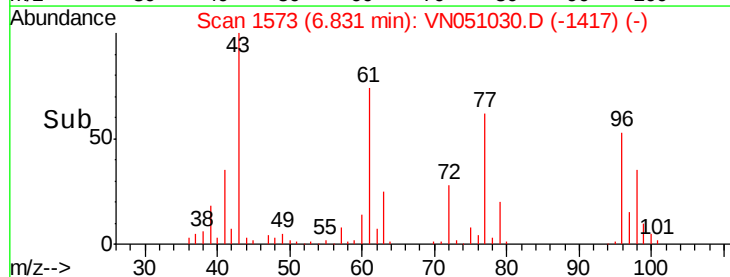
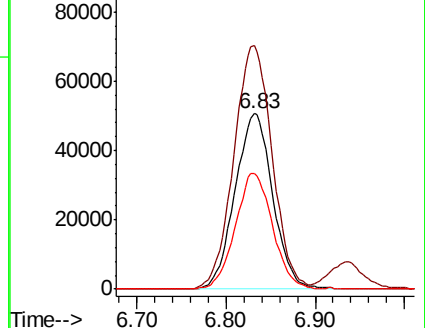
98 65.2 51.7 77.5

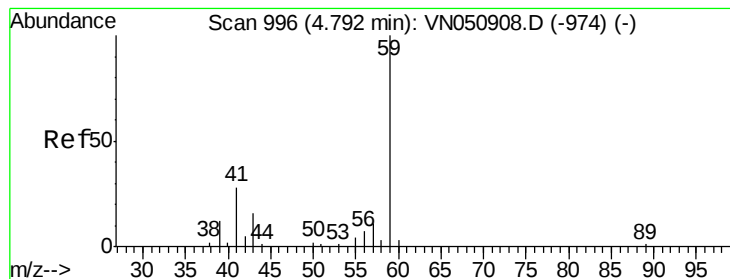


Abundance Ion 96.00 (95.70 to 96.70): VN051030.D (-1573) (-)

Ion 61.00 (60.70 to 61.70): VN051030.D (-1573) (-)

Ion 98.00 (97.70 to 98.70): VN051030.D (-1573) (-)





#23

tert-Butyl Alcohol

Concen: 112.07 ug/l

RT: 4.80 min Scan# 941

Delta R.T. 0.01 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

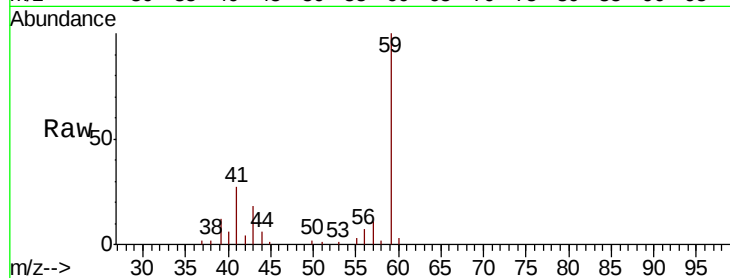
VN0906WBS01

Tot Ion: 59 Resp: 65218

Ion Ratio Lower Upper

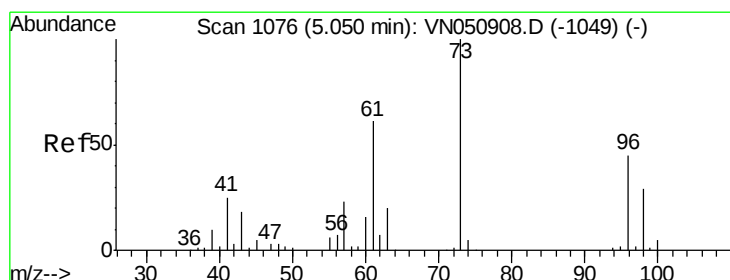
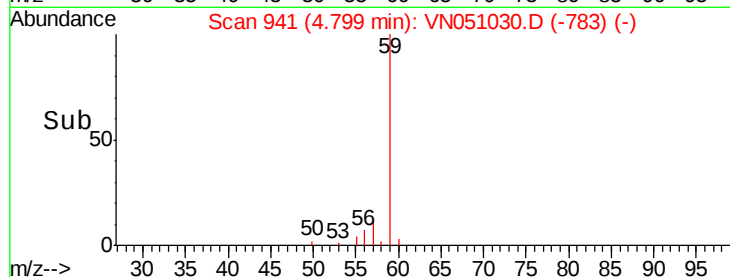
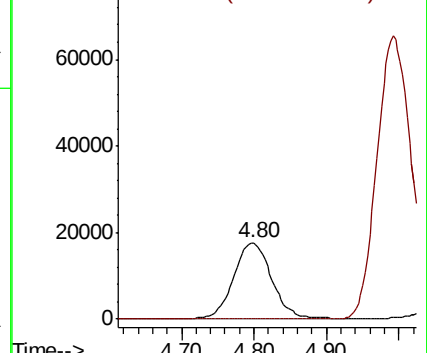
59 100

52 0.0 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 19.57 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN051030.D

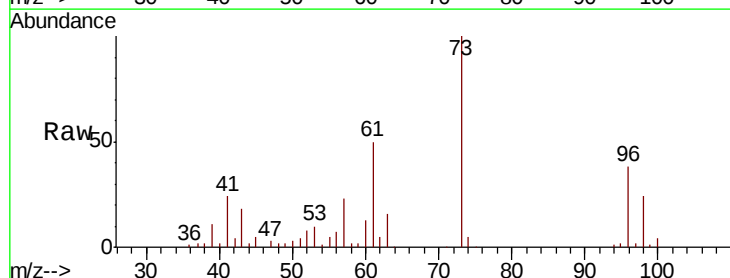
Acq: 6 Sep 2018 12:59

Tgt Ion: 73 Resp: 374691

Ion Ratio Lower Upper

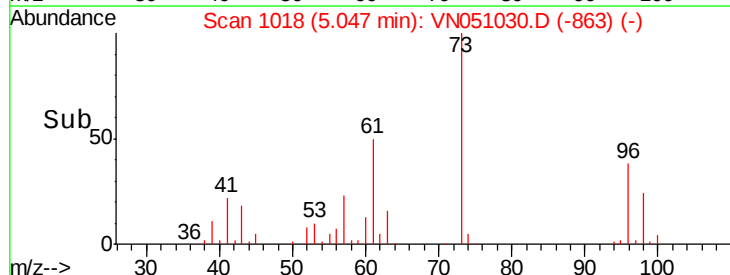
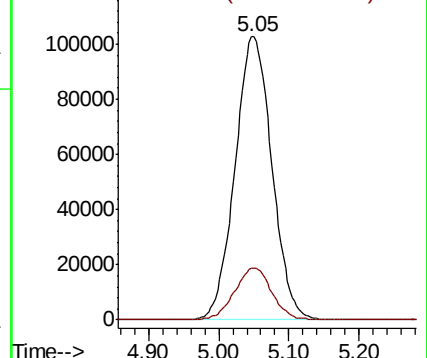
73 100

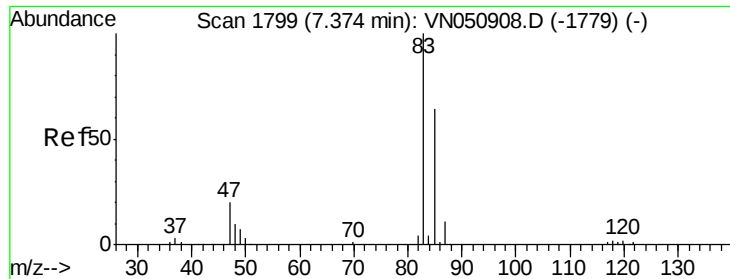
43 17.9 14.4 21.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

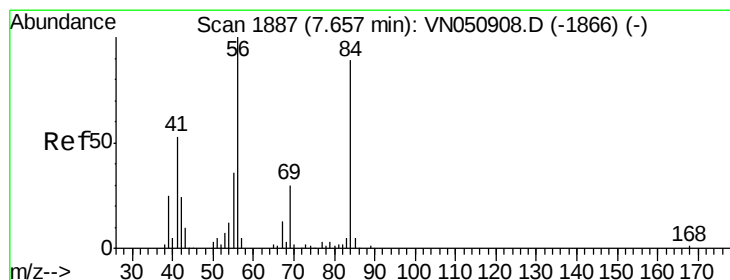
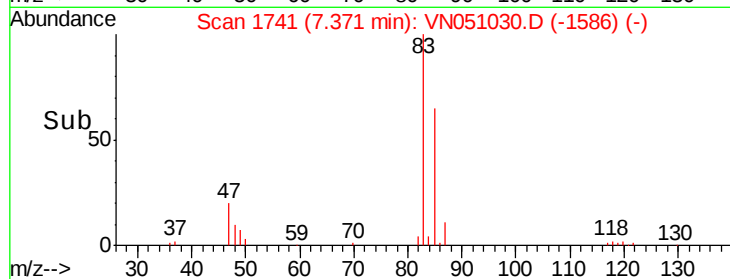
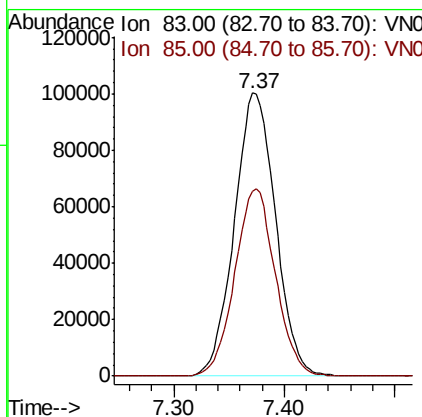
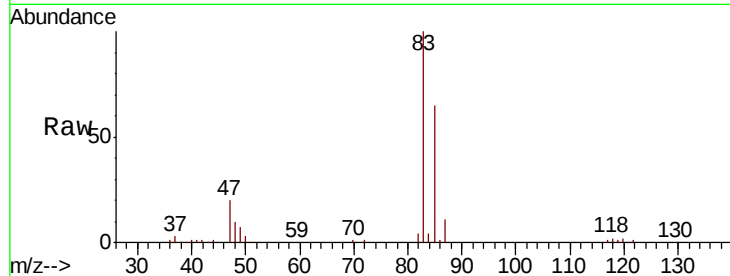




#25
Chloroform
Concen: 18.54 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

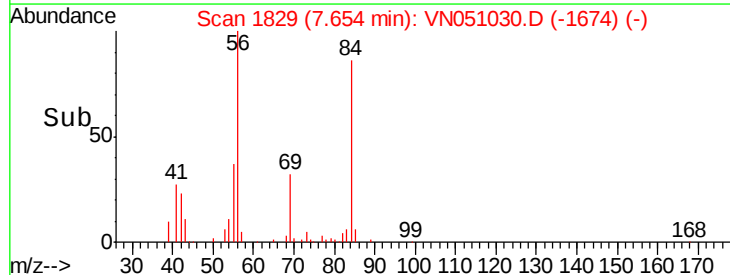
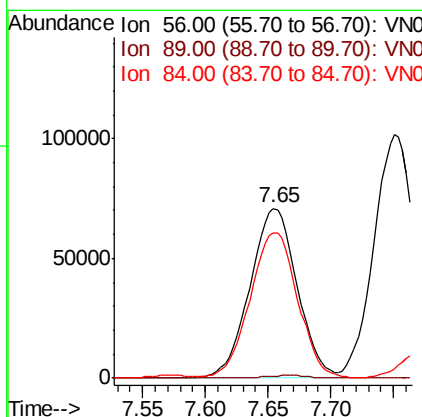
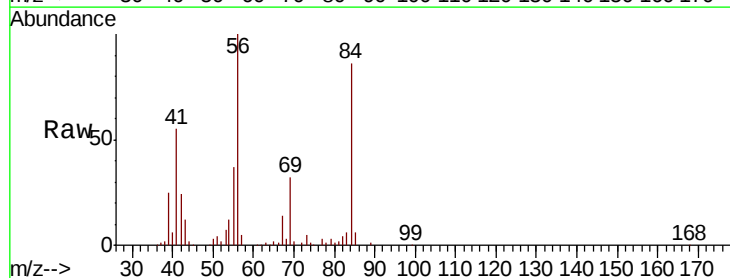
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

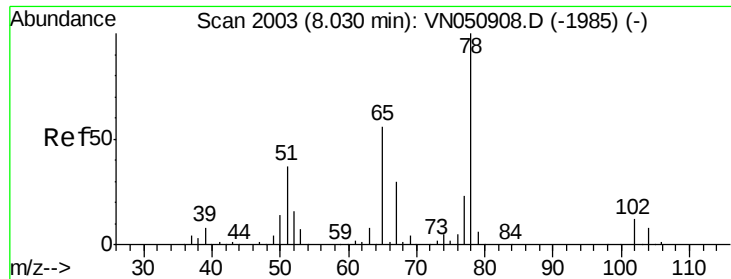
Tot Ion: 83 Resp: 259342
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0



#26
Cyclohexane
Concen: 15.97 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 56 Resp: 185483
Ion Ratio Lower Upper
56 100
89 1.4 0.4 0.6#
84 86.6 70.4 105.6

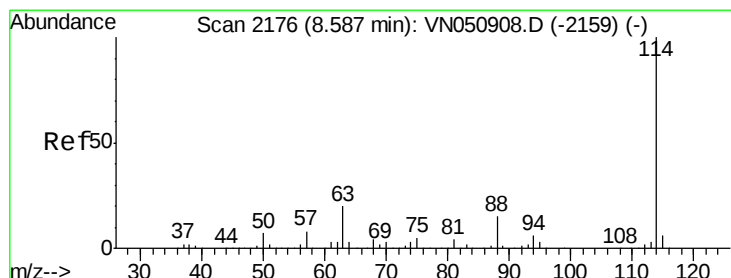
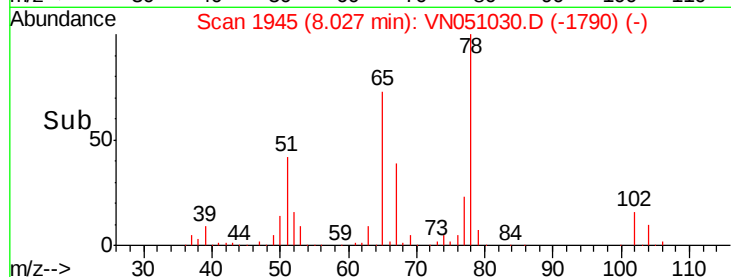
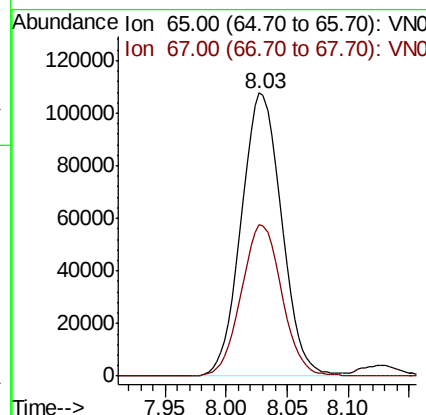
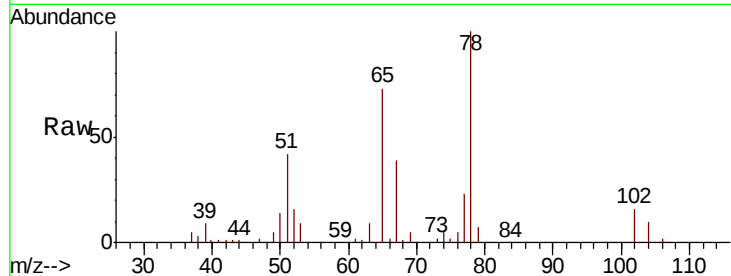




#27
 1,2-Dichloroethane-d4
 Concen: 29.91 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

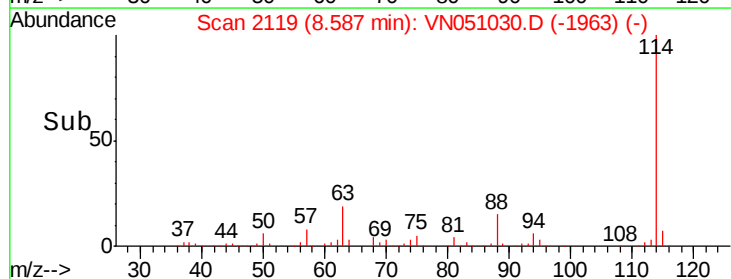
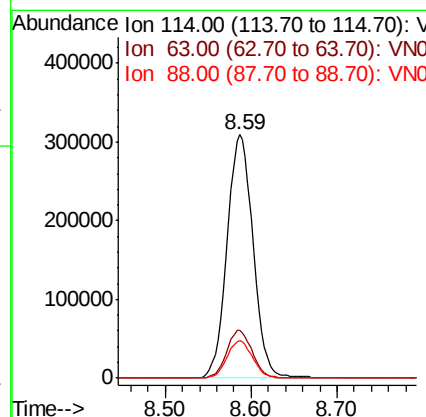
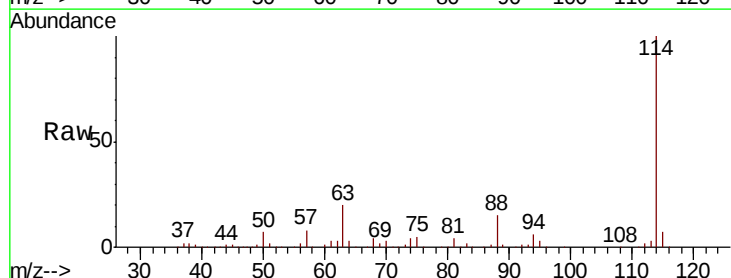
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

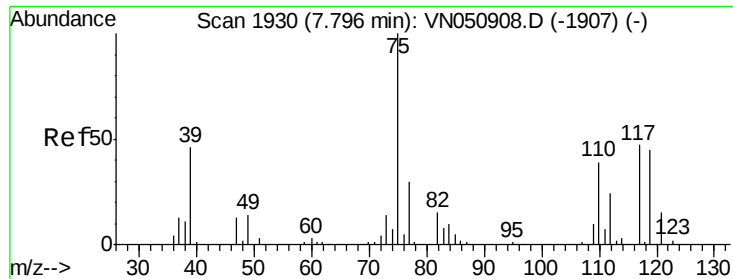
Tot Ion: 65 Resp: 247197
 Ion Ratio Lower Upper
 65 100
 67 53.7 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion: 114 Resp: 649750
 Ion Ratio Lower Upper
 114 100
 63 19.3 15.6 23.4
 88 15.1 12.2 18.4

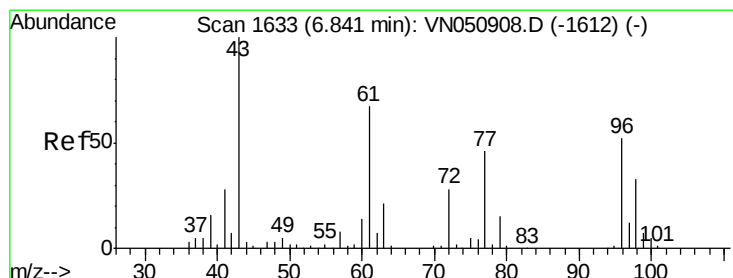
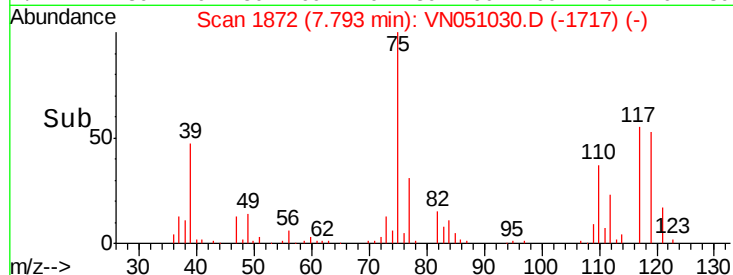
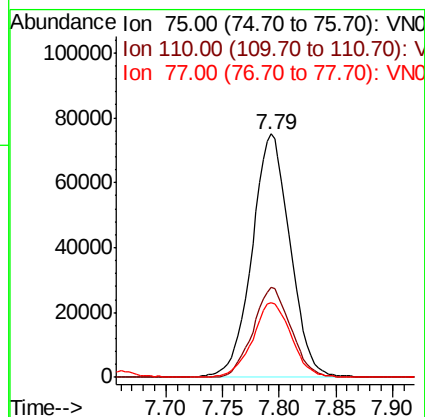
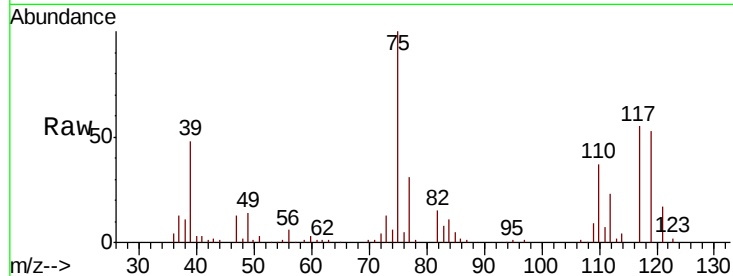




#29
 1,1-Dichloropropene
 Concen: 17.99 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

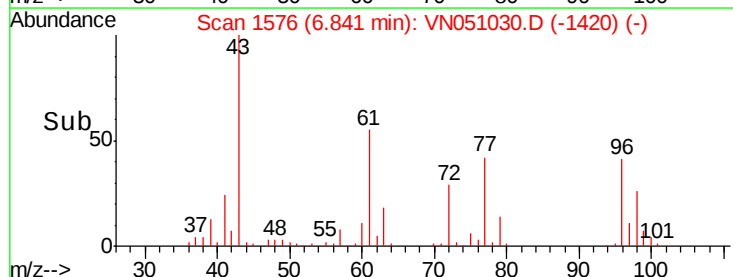
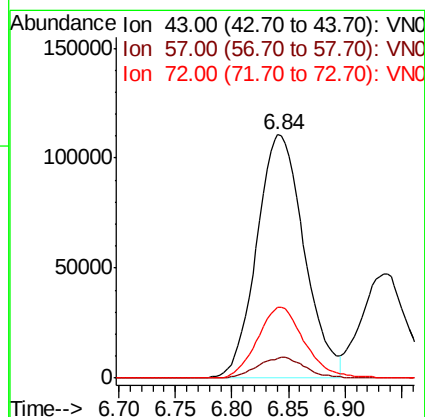
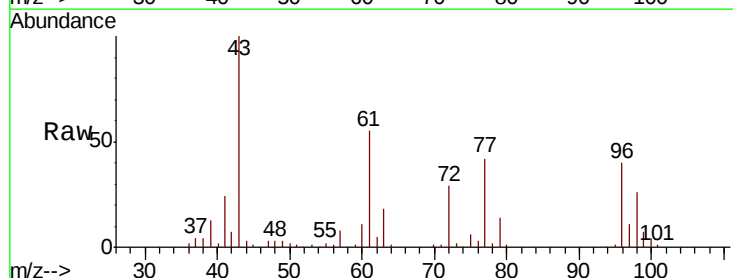
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

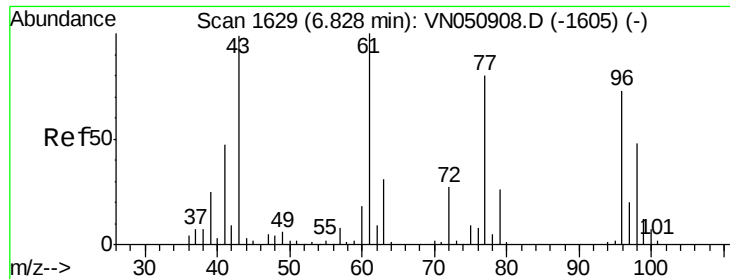
Tot Ion: 75 Resp: 174996
 Ion Ratio Lower Upper
 75 100
 110 36.8 0.0 75.0
 77 31.2 0.0 60.6



#30
 2-Butanone
 Concen: 107.12 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion: 43 Resp: 320561
 Ion Ratio Lower Upper
 43 100
 57 8.6 6.9 10.3
 72 29.1 22.8 34.2

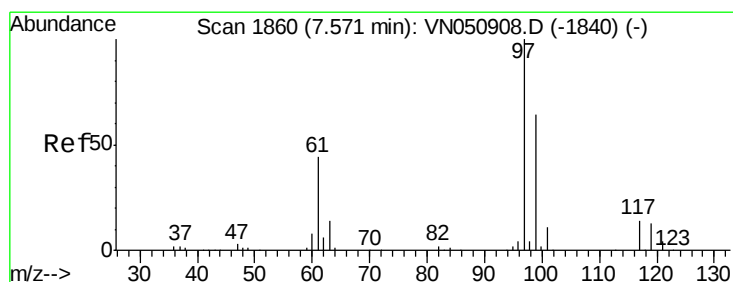
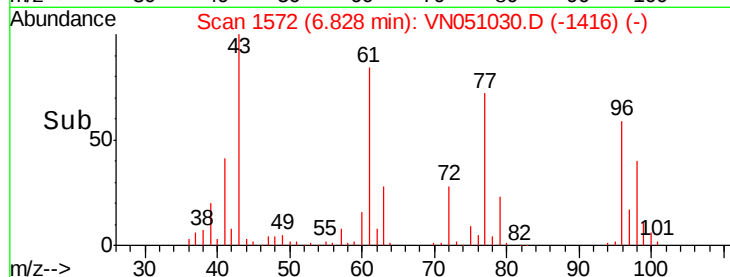
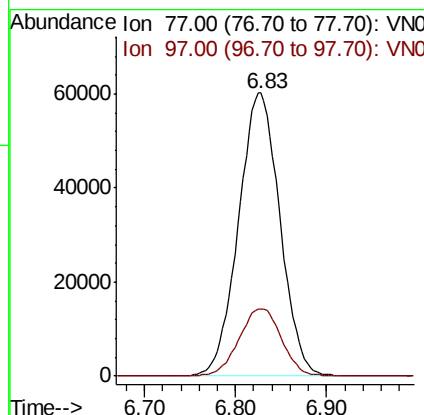
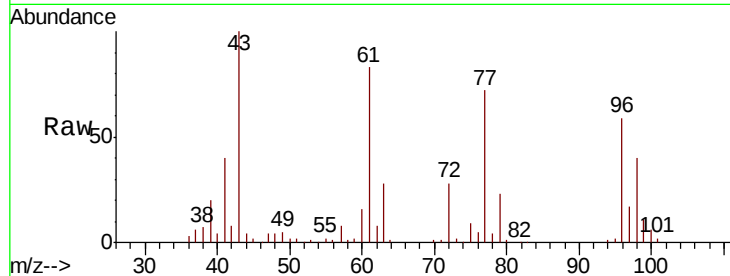




#31
 2,2-Dichloropropane
 Concen: 20.09 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

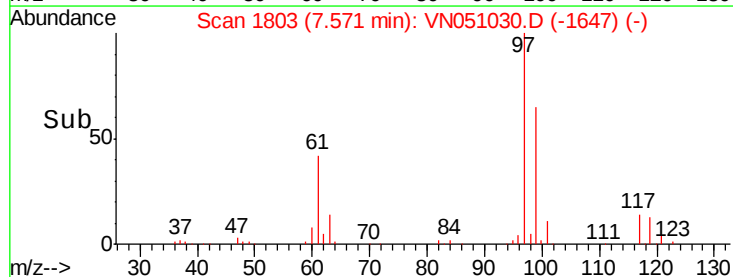
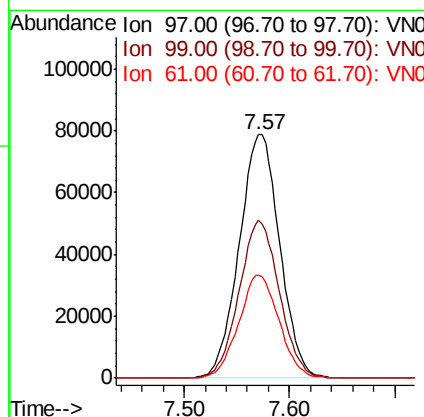
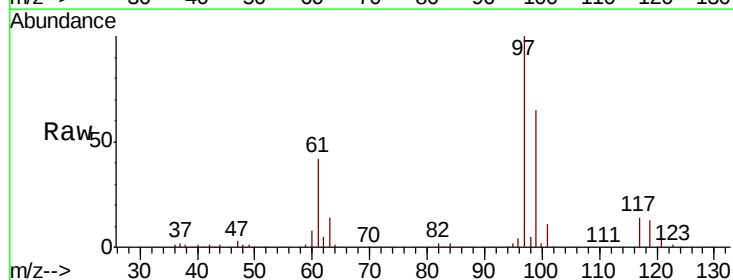
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

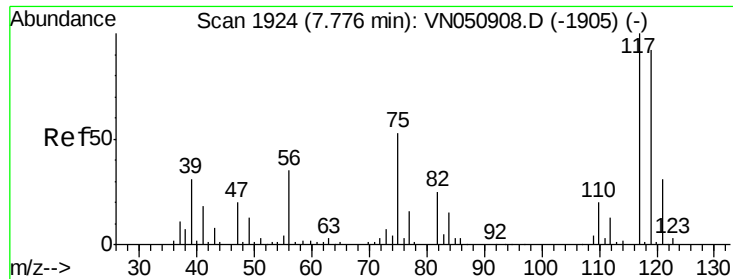
Tot Ion: 77 Resp: 190153
 Ion Ratio Lower Upper
 77 100
 97 24.4 20.2 30.2



#32
 1,1,1-Trichloroethane
 Concen: 19.13 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion: 97 Resp: 211032
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.0 78.0
 61 42.1 35.0 52.6

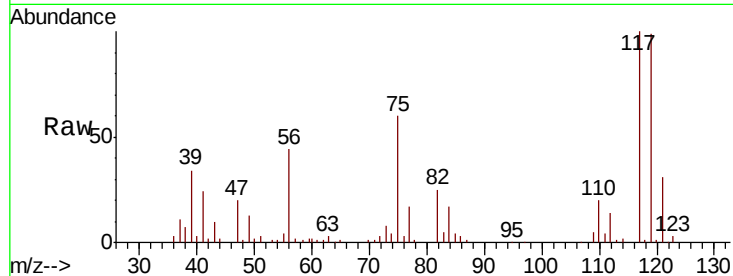




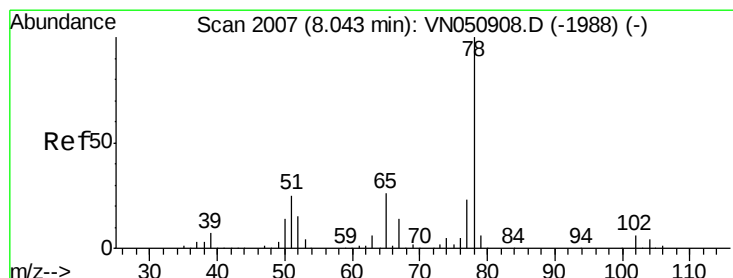
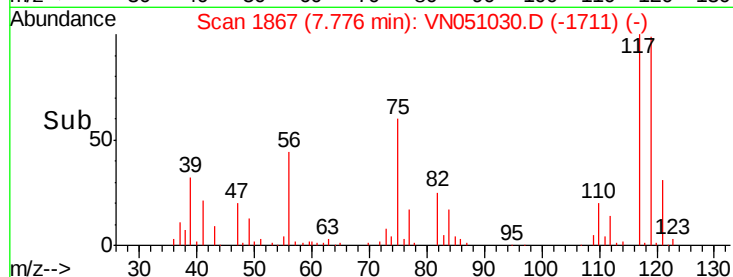
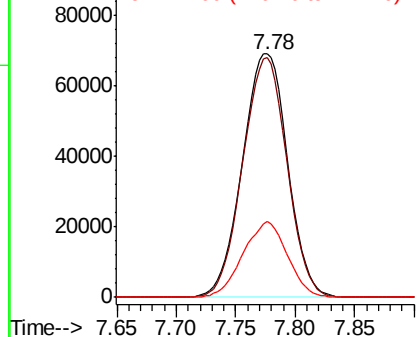
#33
Carbon Tetrachloride
Concen: 18.37 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tot Ion:117 Resp: 182444
Ion Ratio Lower Upper
117 100
119 98.6 73.5 110.3
121 31.0 24.6 37.0

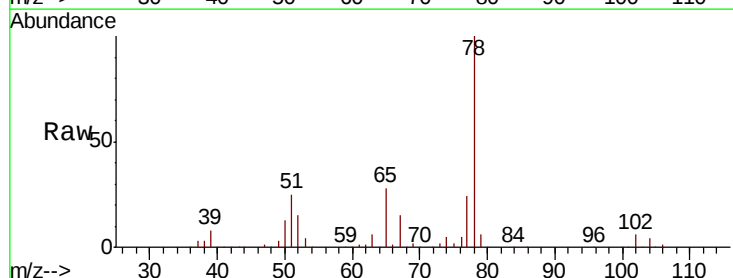


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

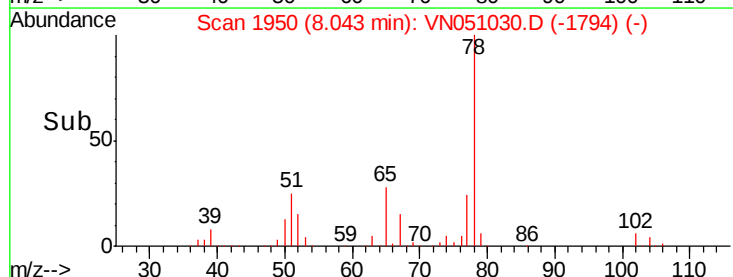
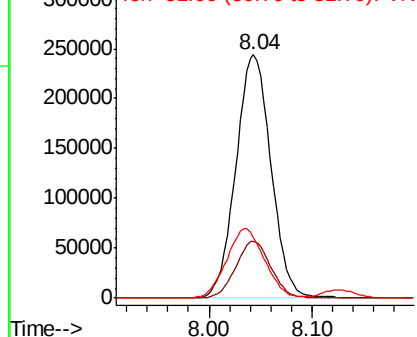


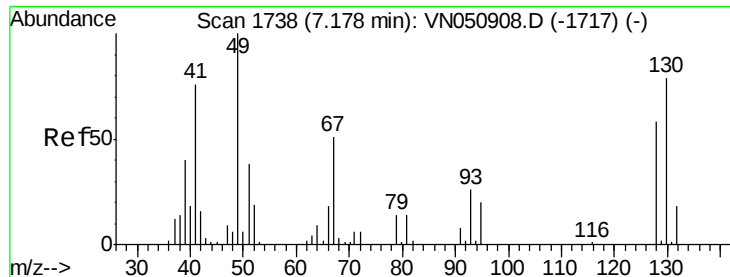
#34
Benzene
Concen: 19.19 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 78 Resp: 577469
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0
51 24.7 20.0 30.0



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

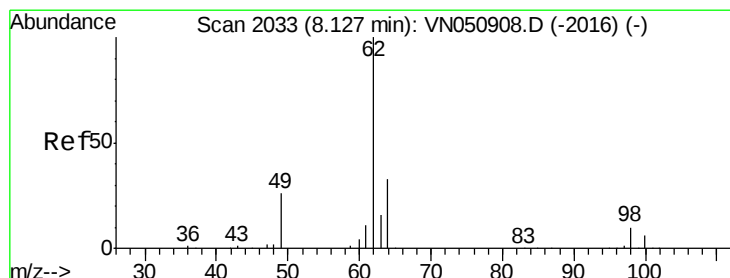
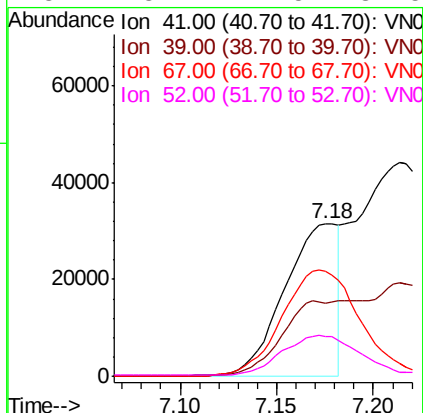
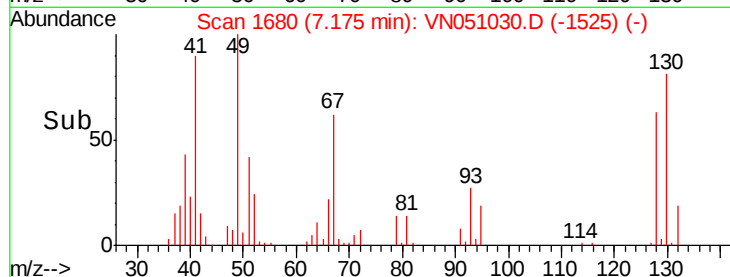
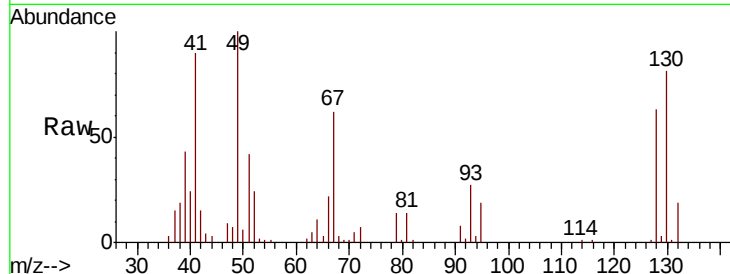




#35
Methacrylonitrile
Concen: 18.52 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

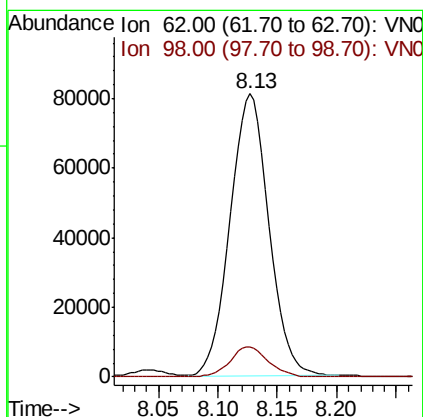
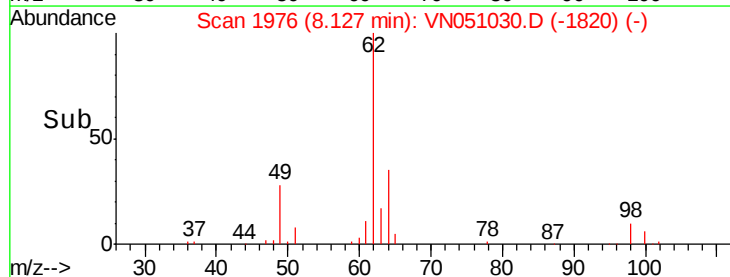
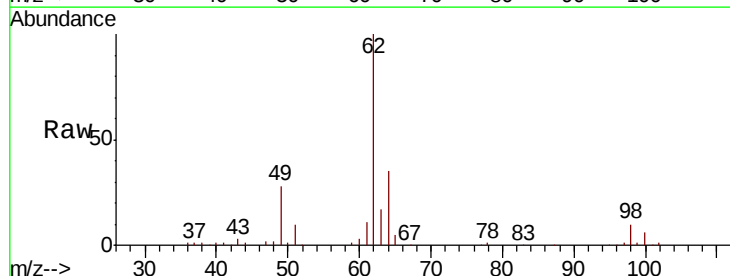
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

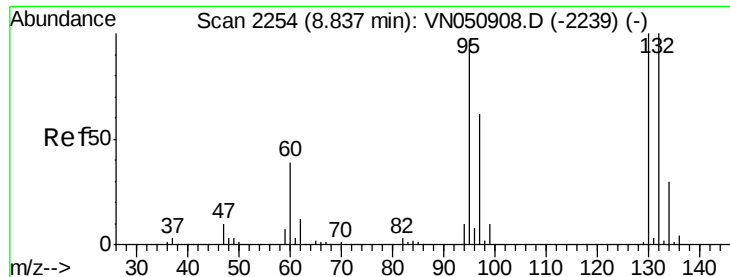
Tot Ion: 41 Resp: 60718
Ion Ratio Lower Upper
41 100
39 47.9 26.2 78.5
67 68.9 33.9 101.6
52 25.7 12.5 37.5



#36
1,2-Dichloroethane
Concen: 20.19 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 62 Resp: 183712
Ion Ratio Lower Upper
62 100
98 10.4 8.0 12.0





#37

Trichloroethene

Concen: 18.63 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

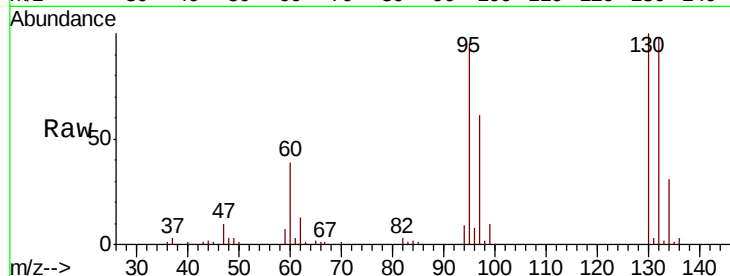
VN0906WBS01

Tot Ion:130 Resp: 146509

Ion Ratio Lower Upper

130 100

95 94.9 77.4 116.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.83

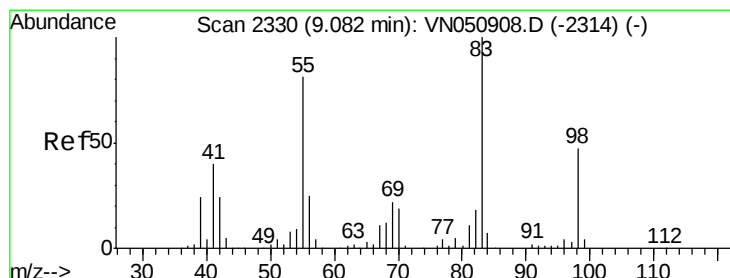
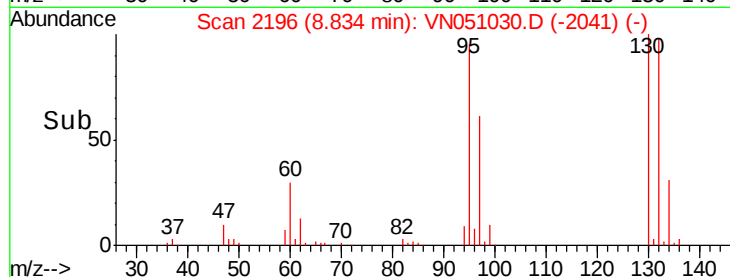
60000

40000

20000

0

Time-->



#38

Methylcyclohexane

Concen: 17.06 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

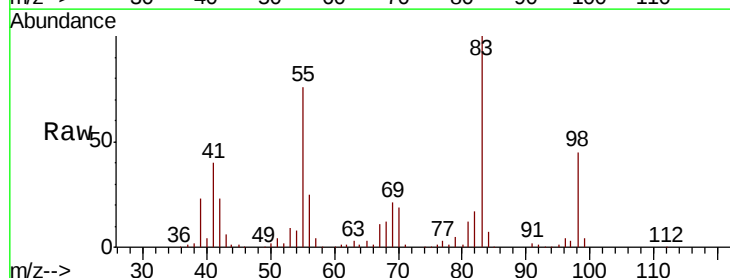
Tgt Ion: 83 Resp: 178280

Ion Ratio Lower Upper

83 100

55 77.8 38.9 116.7

98 46.9 22.9 68.7



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.08

80000

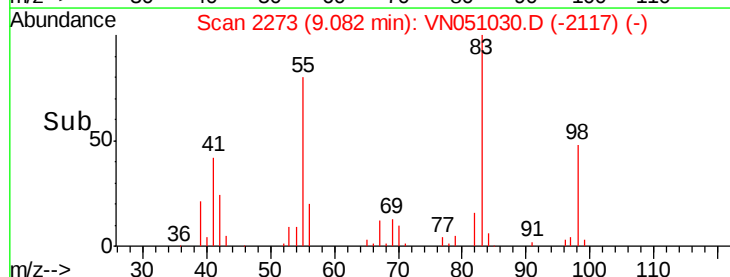
60000

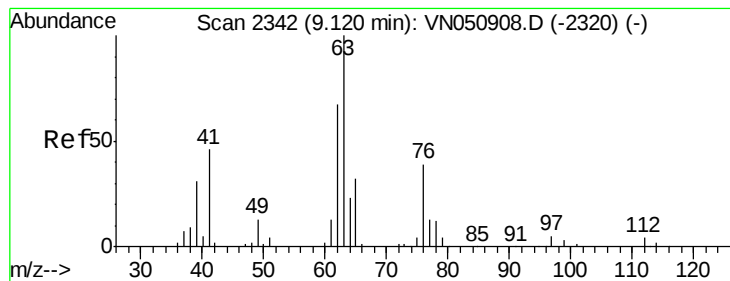
40000

20000

0

Time-->





#39

1,2-Dichloropropane

Concen: 20.12 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampled :

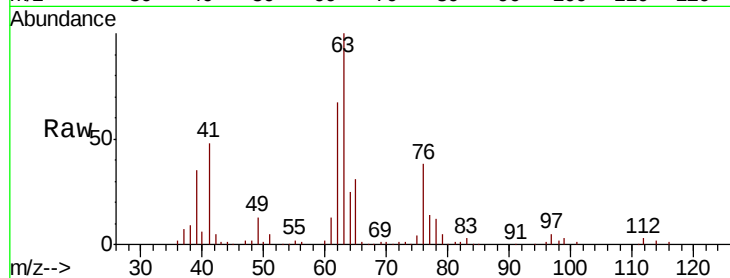
VN0906WBS01

Tot Ion: 63 Resp: 158126

Ion Ratio Lower Upper

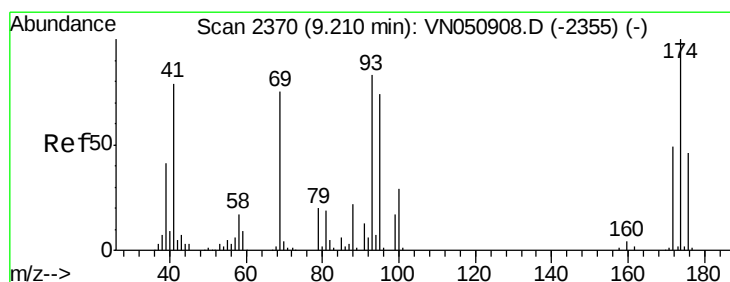
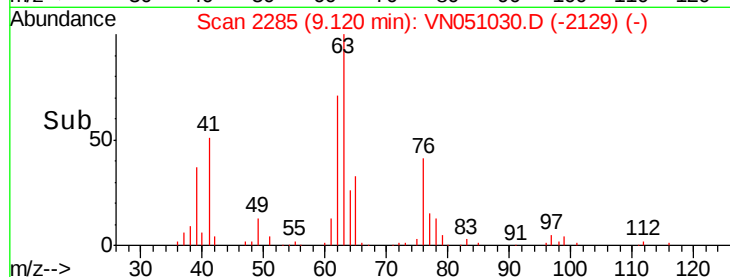
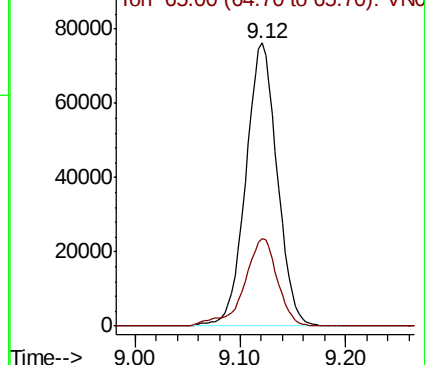
63 100

65 30.9 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 20.52 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

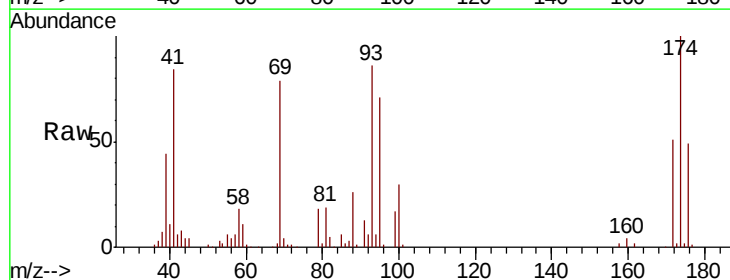
Tgt Ion: 93 Resp: 97129

Ion Ratio Lower Upper

93 100

95 84.7 0.0 173.4

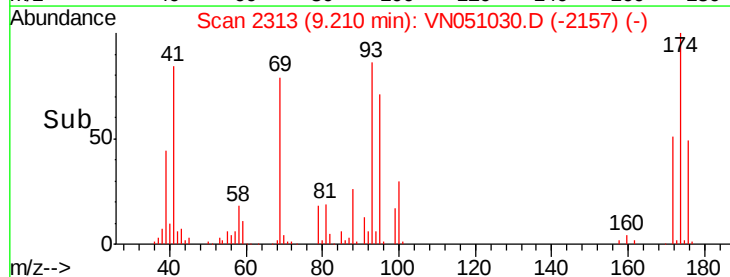
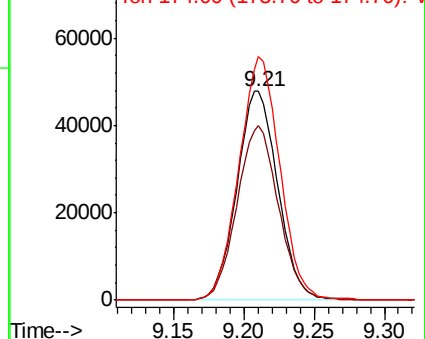
174 116.5 0.0 234.8

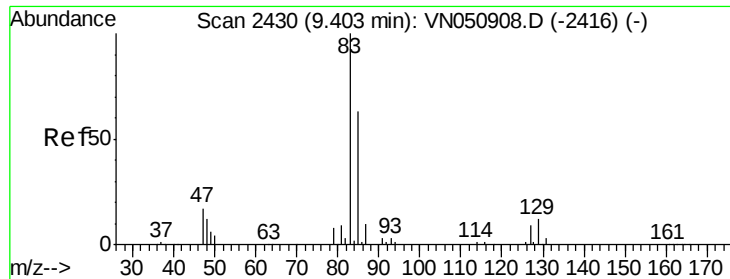


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.05 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

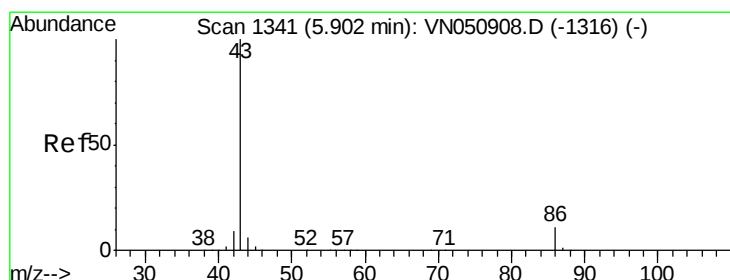
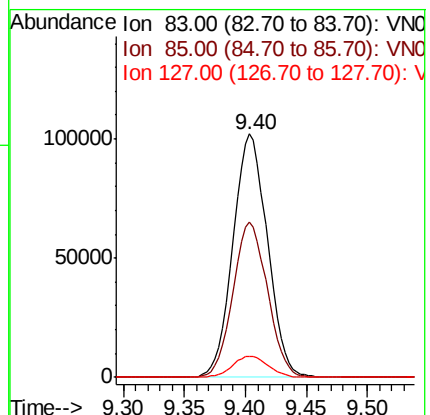
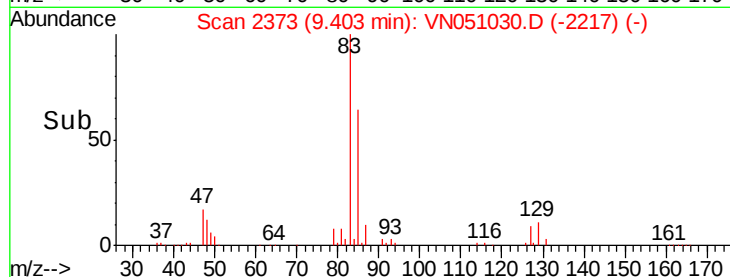
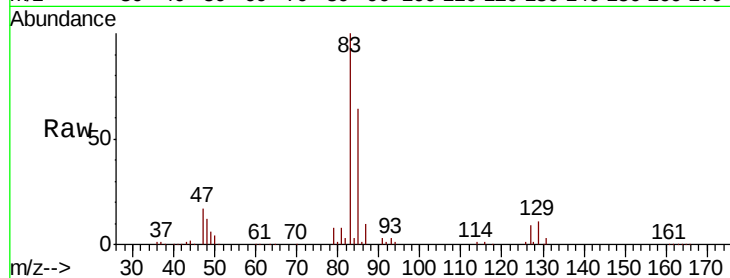
Tot Ion: 83 Resp: 200104

Ion Ratio Lower Upper

83 100

85 63.9 50.6 76.0

127 8.8 7.1 10.7



#42

Vinyl Acetate

Concen: 95.65 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051030.D

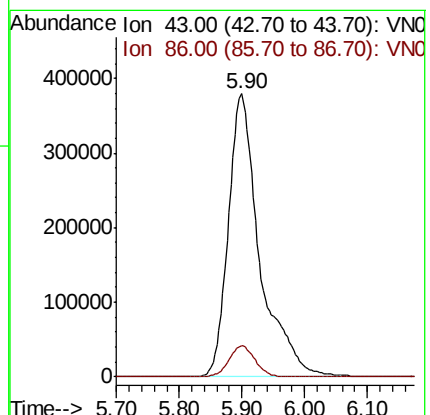
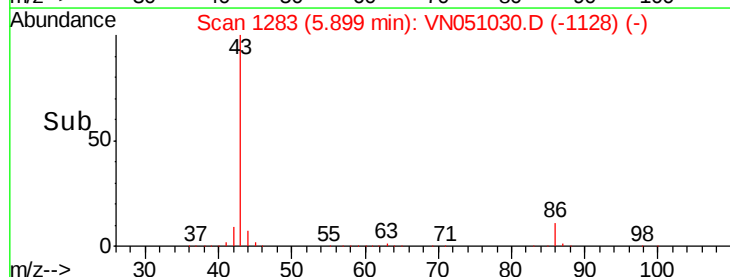
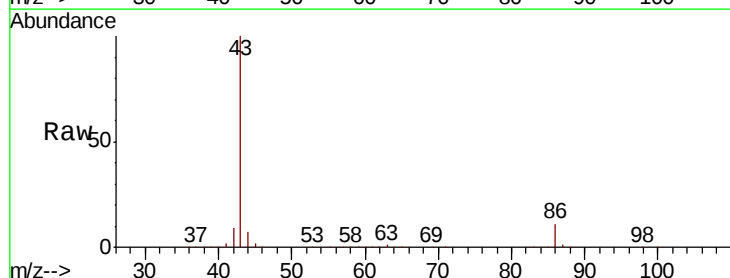
Acq: 6 Sep 2018 12:59

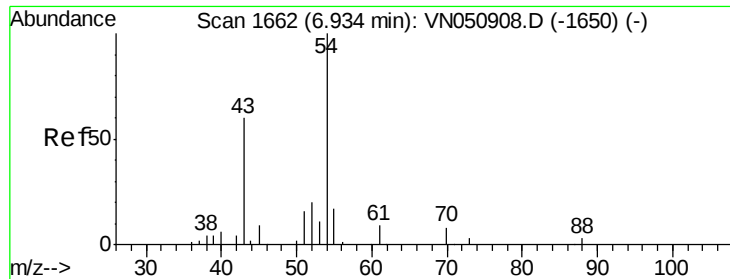
Tgt Ion: 43 Resp: 1318428

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8

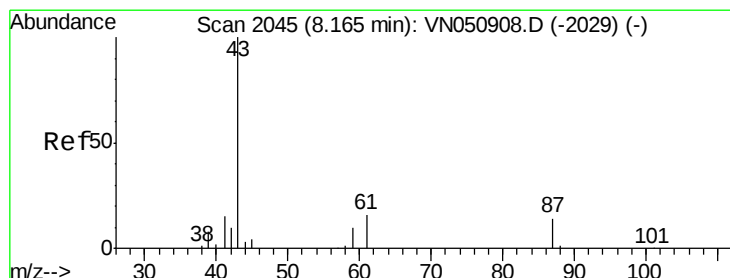
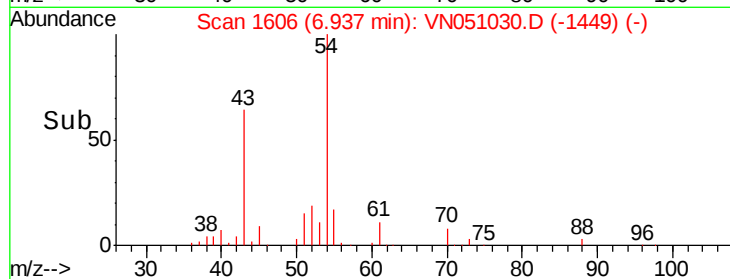
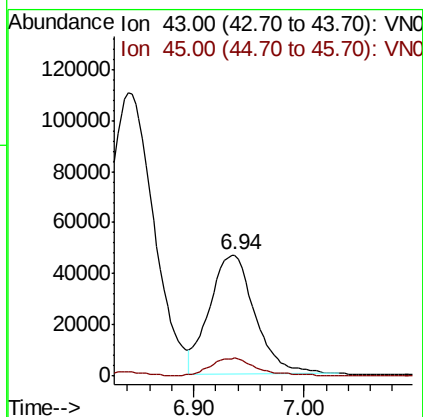
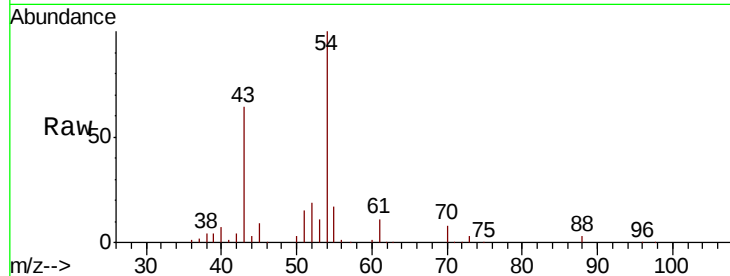




#43
Ethyl Acetate
Concen: 21.72 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

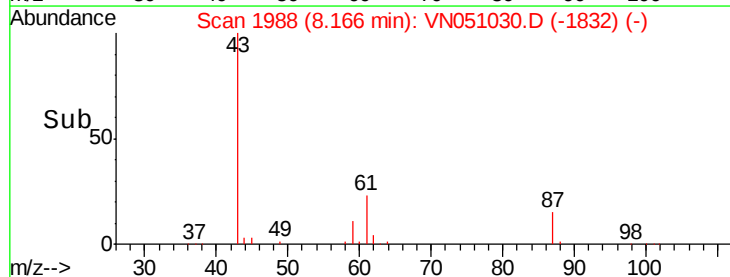
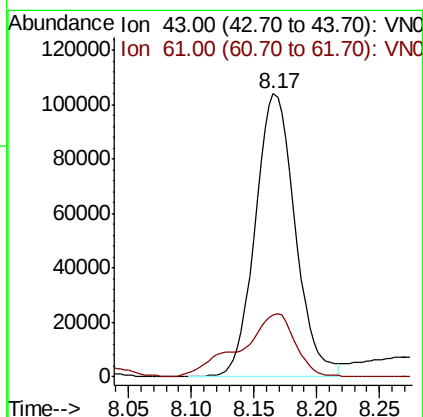
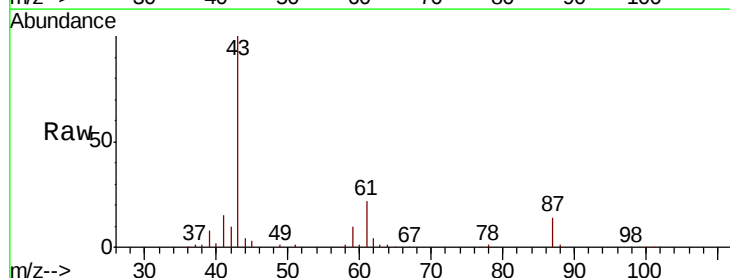
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

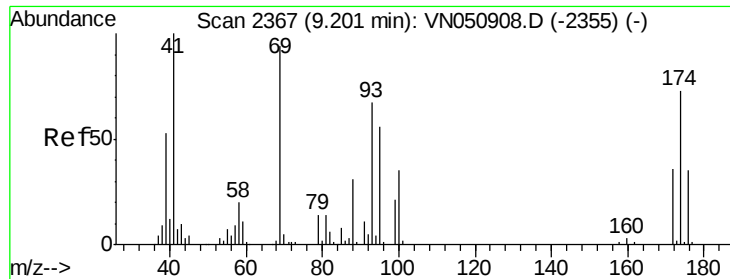
Tot Ion: 43 Resp: 133120
Ion Ratio Lower Upper
43 100
45 14.4 10.2 15.2



#44
Isopropyl Acetate
Concen: 21.40 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 43 Resp: 231440
Ion Ratio Lower Upper
43 100
61 22.0 16.3 24.5

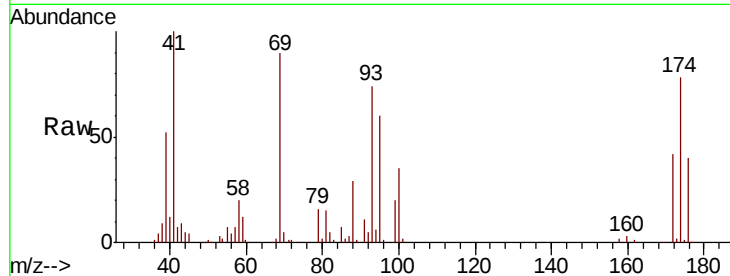




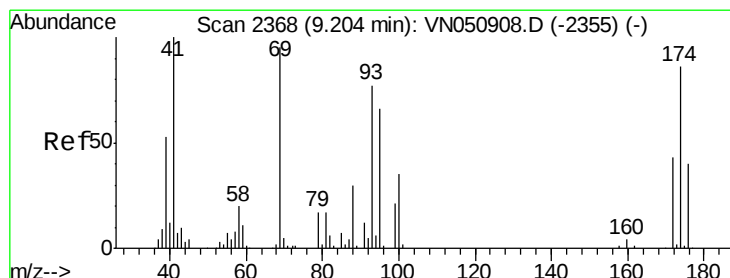
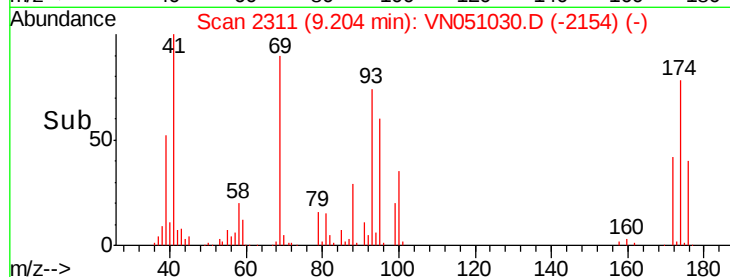
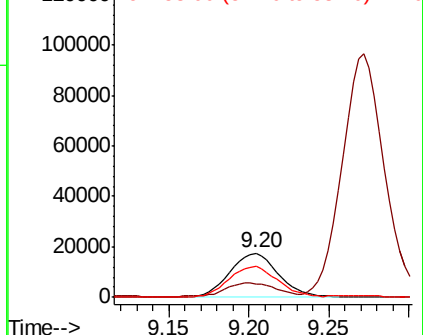
#45
 1,4-Dioxane
 Concen: 456.00 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

Tot Ion: 88 Resp: 36642
 Ion Ratio Lower Upper
 88 100
 43 28.8 23.5 35.3
 58 70.5 55.2 82.8

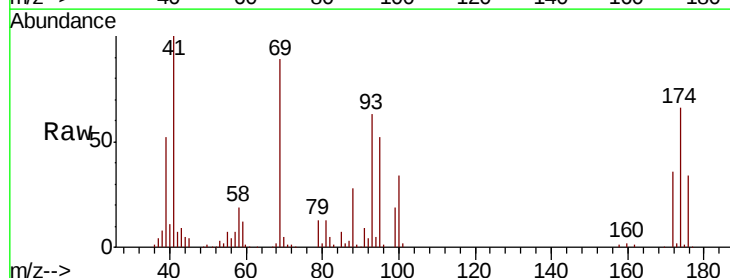


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

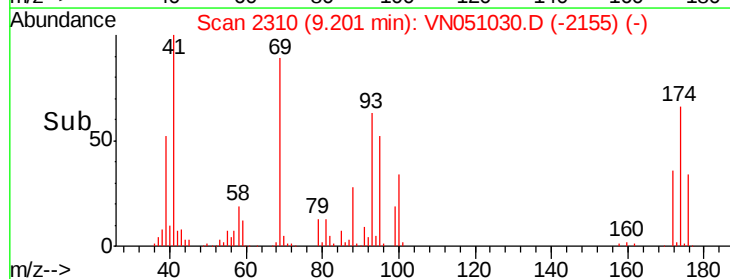
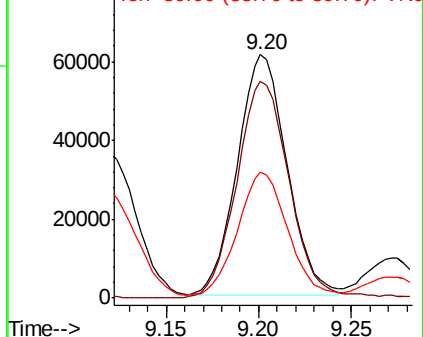


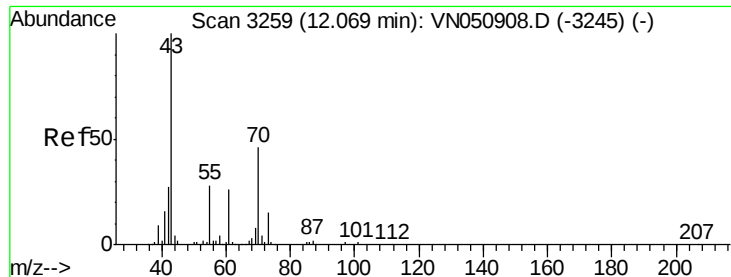
#46
 Methyl methacrylate
 Concen: 20.98 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion: 41 Resp: 113685
 Ion Ratio Lower Upper
 41 100
 69 89.7 47.4 142.2
 39 51.3 26.6 79.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

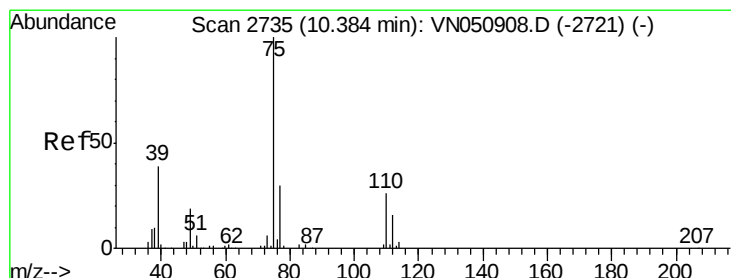
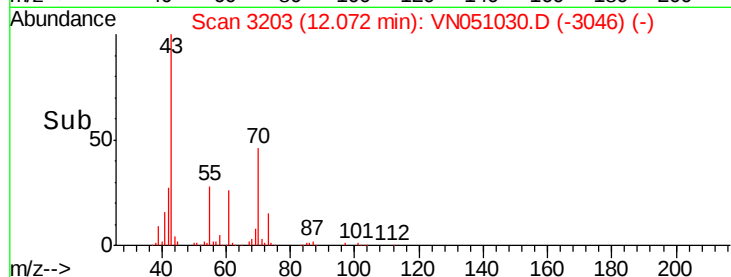
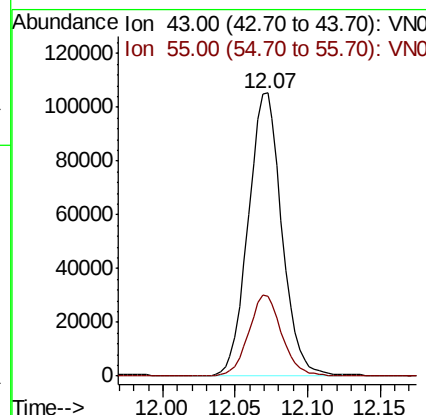
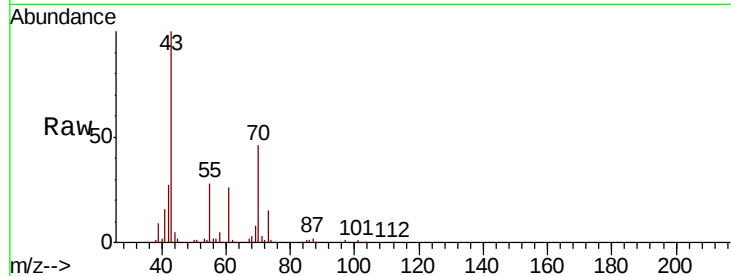




#47
n-amyl Acetate
Concen: 19.58 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

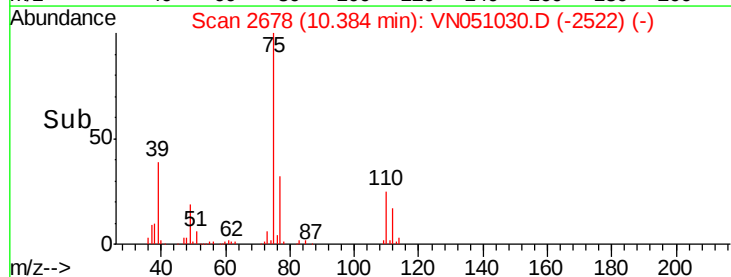
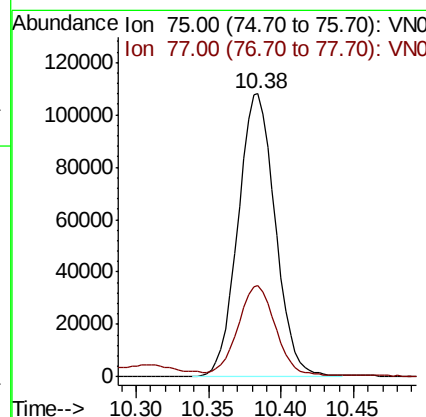
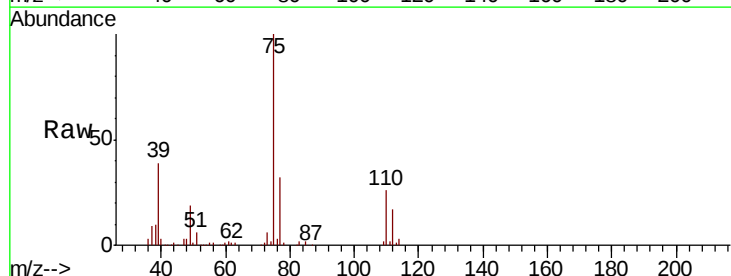
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

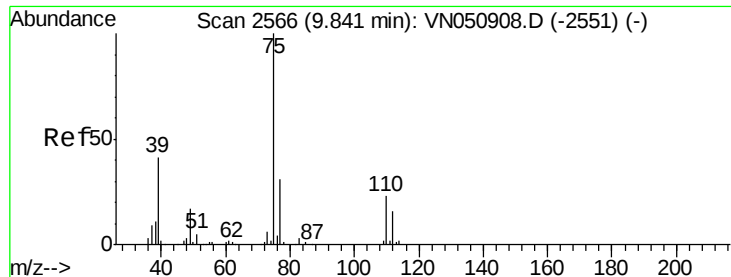
Tot Ion: 43 Resp: 170320
Ion Ratio Lower Upper
43 100
55 28.2 23.0 34.4



#48
t-1,3-Dichloropropene
Concen: 19.72 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 75 Resp: 192937
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2





#49

cis-1,3-Dichloropropene

Concen: 19.74 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

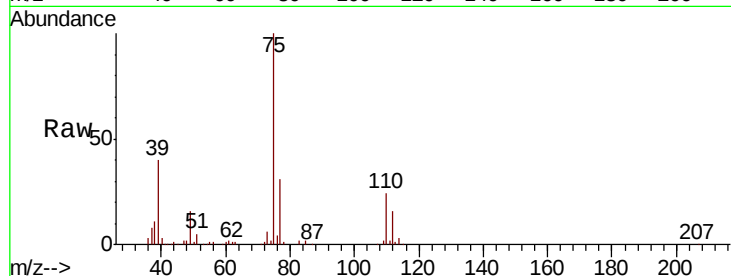
Tot Ion: 75 Resp: 221821

Ion Ratio Lower Upper

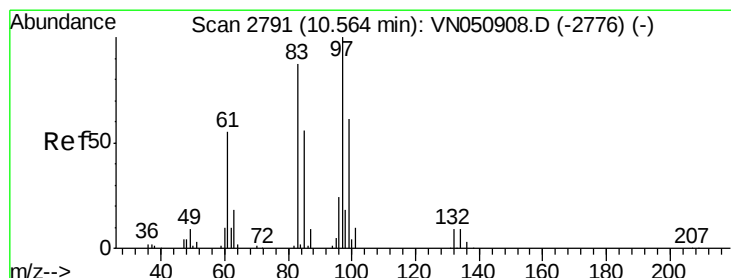
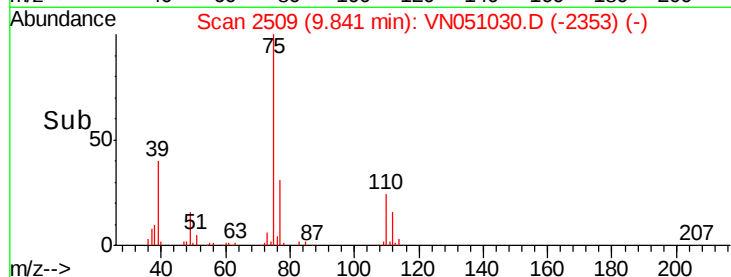
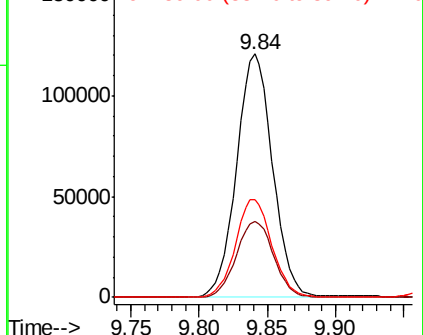
75 100

77 31.4 25.0 37.4

39 40.2 32.9 49.3



Abundance Ion 75.00 (74.70 to 75.70): VNC
Ion 77.00 (76.70 to 77.70): VNC
Ion 39.00 (38.70 to 39.70): VNC



#50

1,1,2-Trichloroethane

Concen: 20.96 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Tgt Ion: 97 Resp: 144188

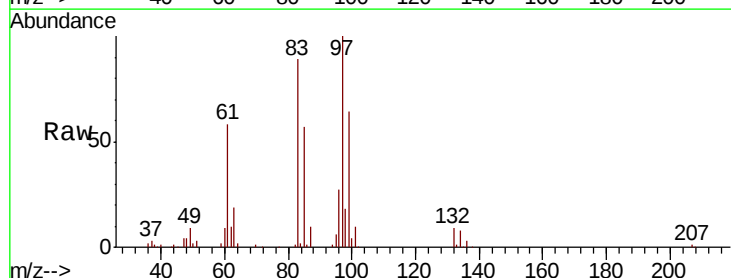
Ion Ratio Lower Upper

97 100

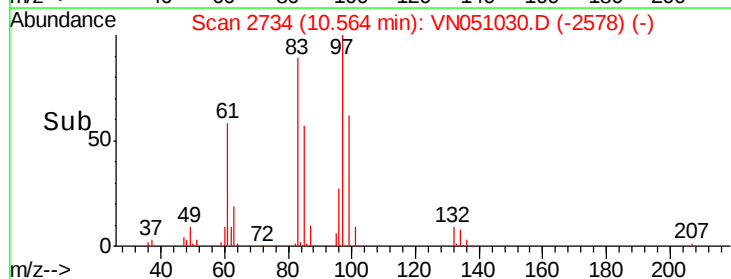
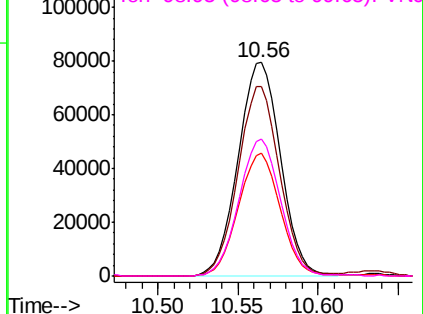
83 89.0 69.8 104.6

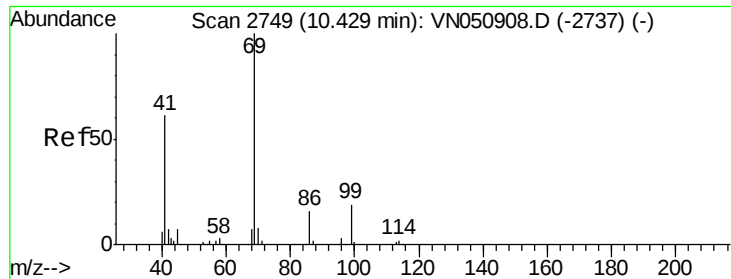
85 57.3 45.0 67.6

99 64.2 49.1 73.7



Abundance Ion 97.00 (96.70 to 97.70): VNC
Ion 82.95 (82.65 to 83.65): VNC
Ion 84.95 (84.65 to 85.65): VNC
Ion 98.95 (98.65 to 99.65): VNC





#51

Ethyl methacrylate

Concen: 20.21 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

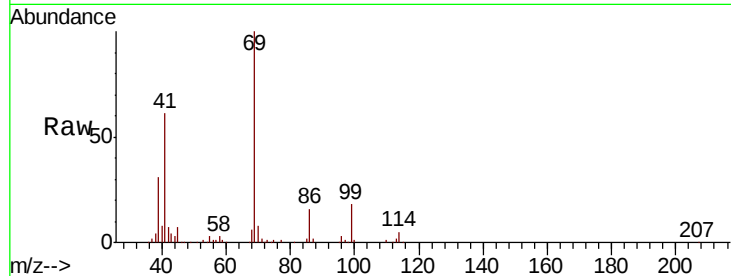
Tot Ion: 69 Resp: 170078

Ion Ratio Lower Upper

69 100

41 61.0 30.5 91.5

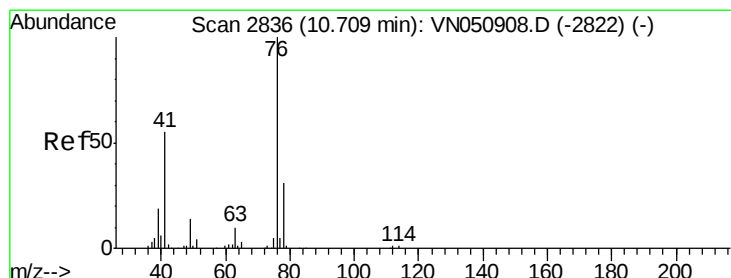
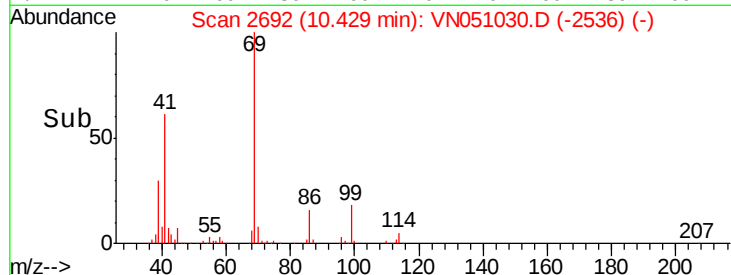
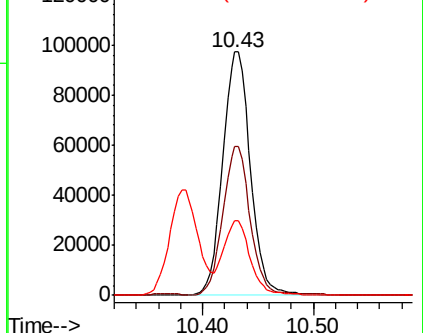
39 30.5 15.3 45.8



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.53 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051030.D

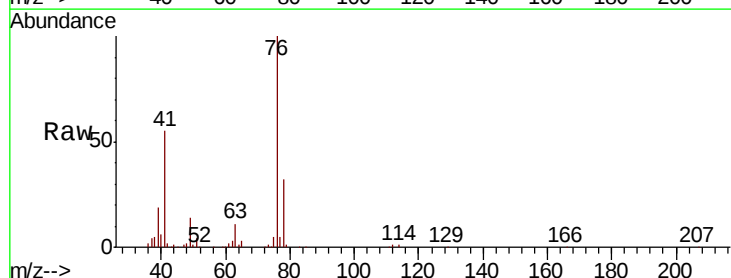
Acq: 6 Sep 2018 12:59

Tgt Ion: 76 Resp: 233975

Ion Ratio Lower Upper

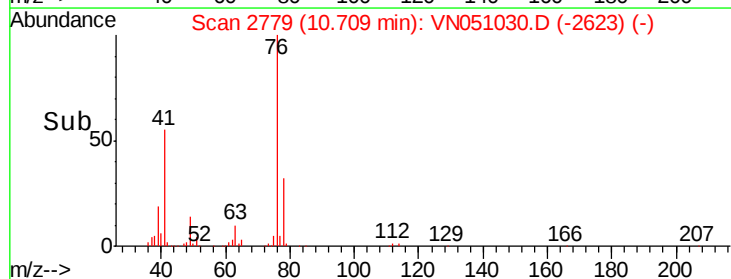
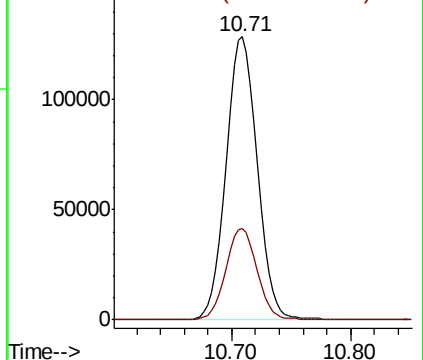
76 100

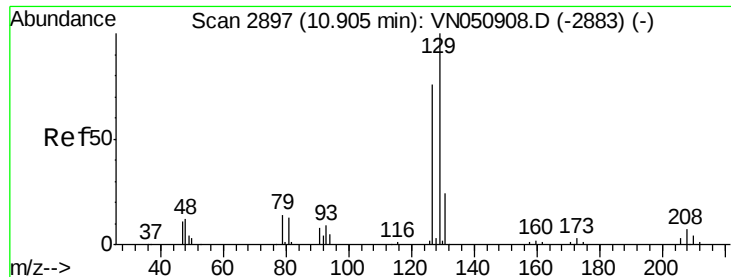
78 32.4 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

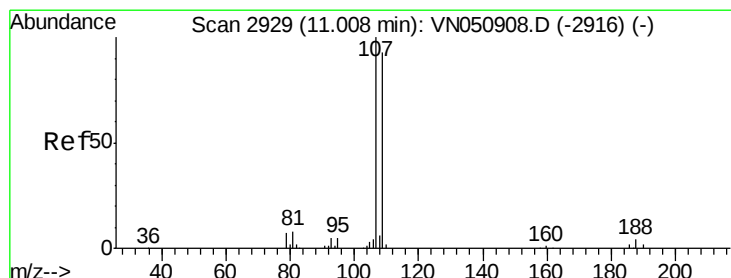
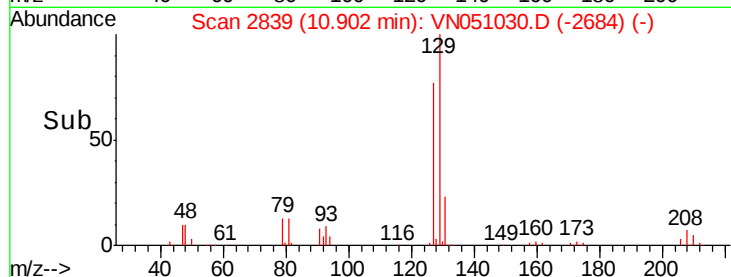
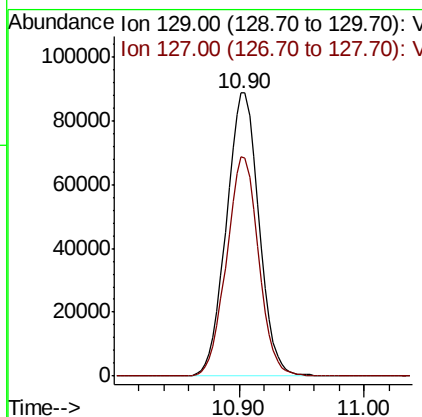
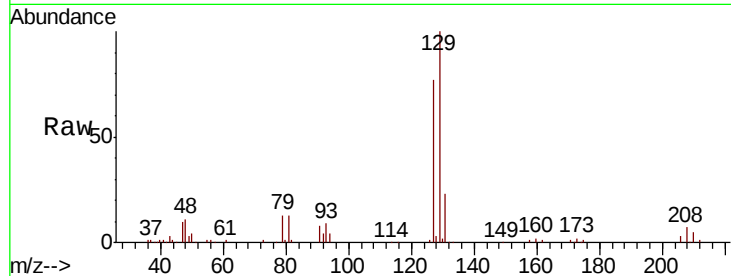




#53
 Dibromochloromethane
 Concen: 20.48 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

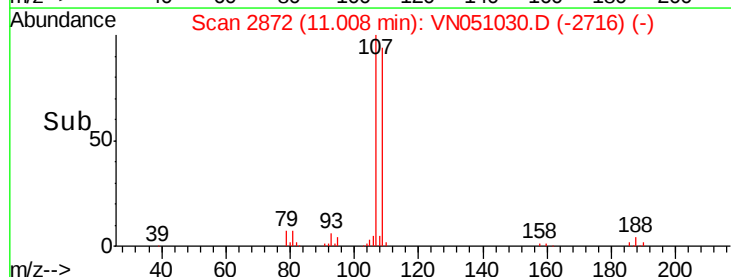
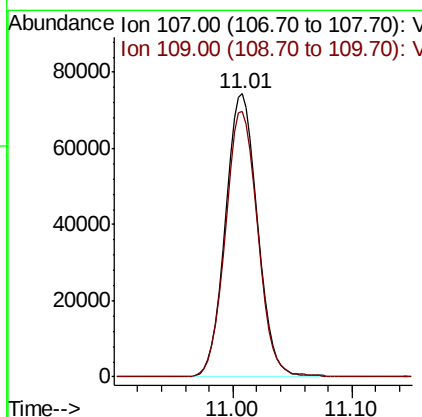
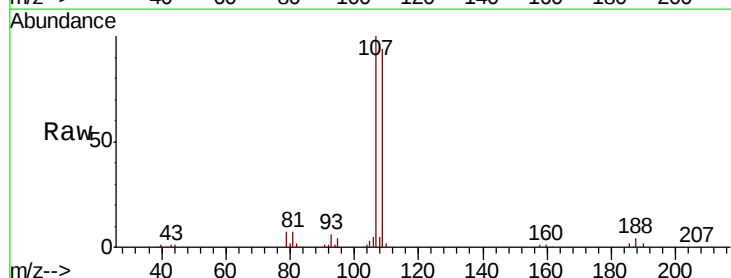
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

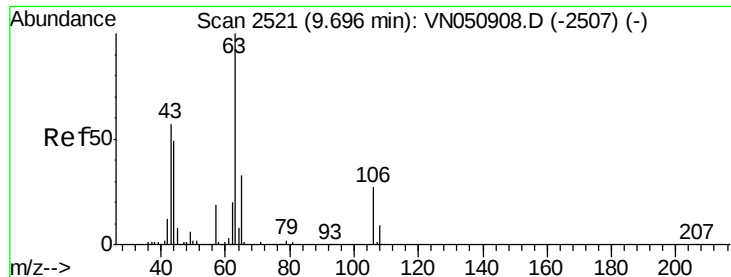
Tot Ion:129 Resp: 160159
 Ion Ratio Lower Upper
 129 100
 127 76.0 39.0 116.9



#54
 1,2-Dibromoethane
 Concen: 20.43 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion:107 Resp: 138948
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.4 111.6

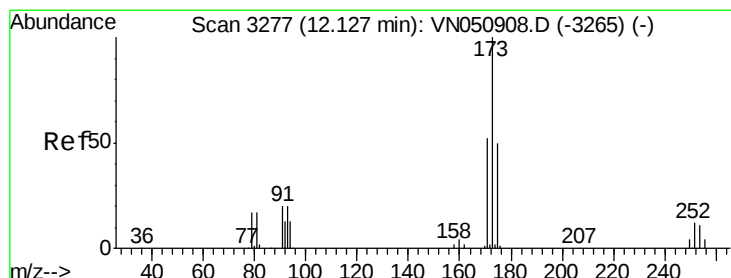
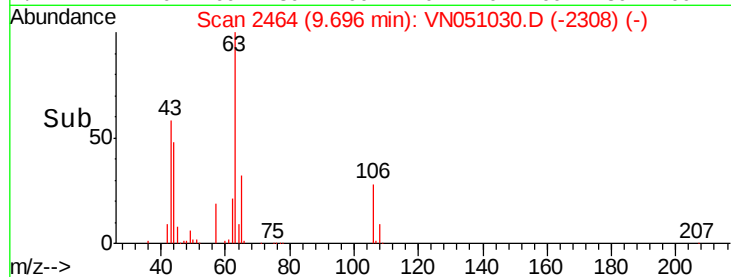
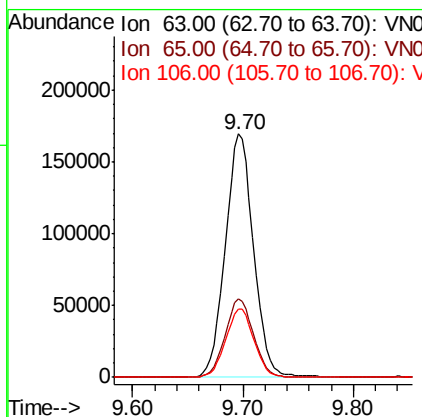
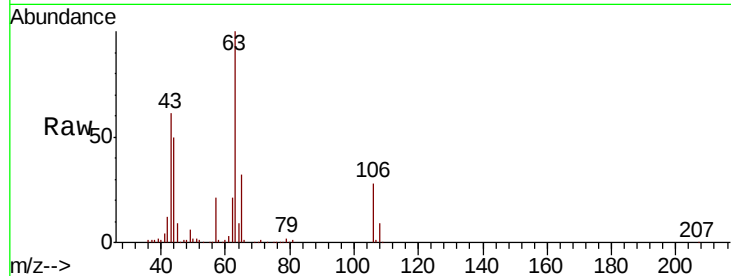




#55
 2-Chloroethyl vinyl ether
 Concen: 85.87 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

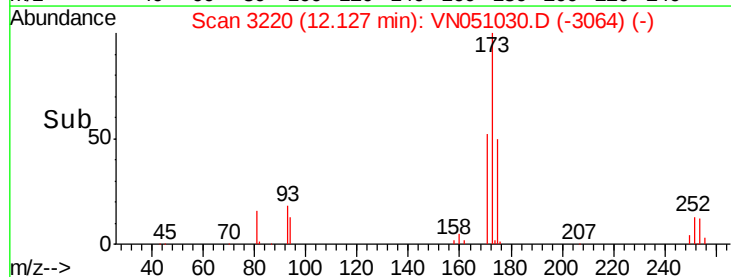
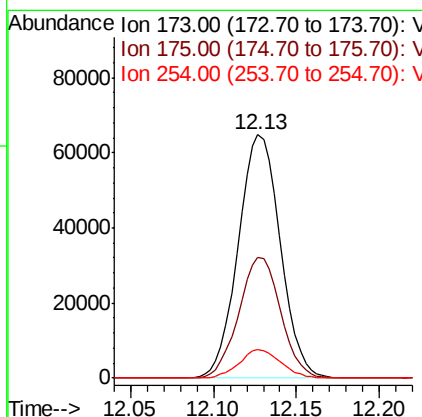
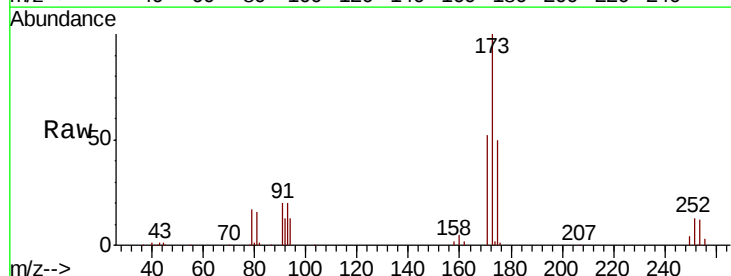
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

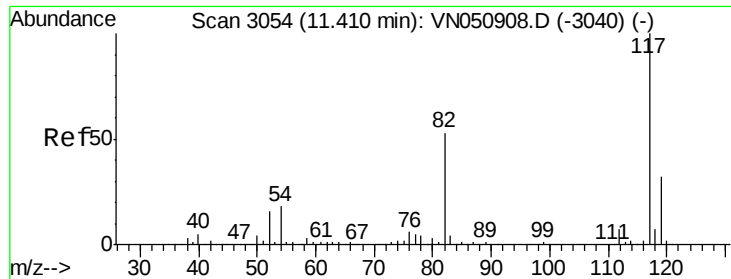
Tot Ion: 63 Resp: 300712
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.4 38.2
 106 28.2 22.0 33.0



#56
 Bromoform
 Concen: 20.62 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion: 173 Resp: 114714
 Ion Ratio Lower Upper
 173 100
 175 49.4 39.2 58.8
 254 11.5 9.0 13.6

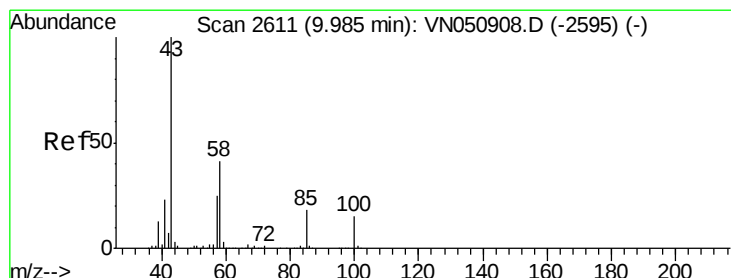
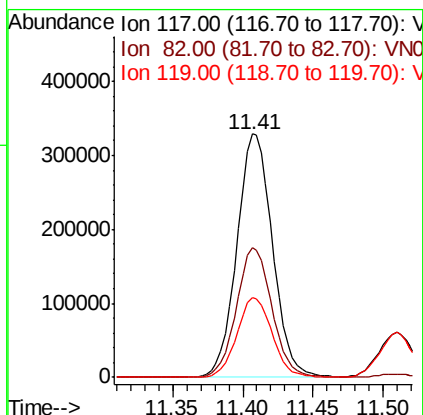
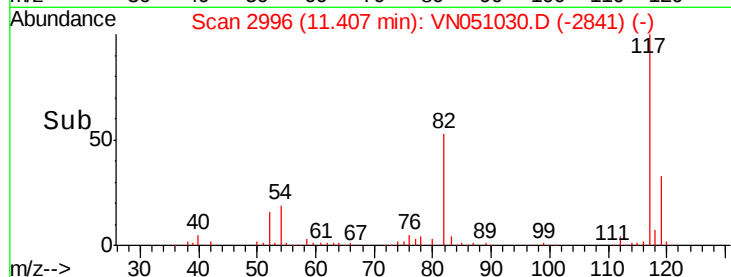
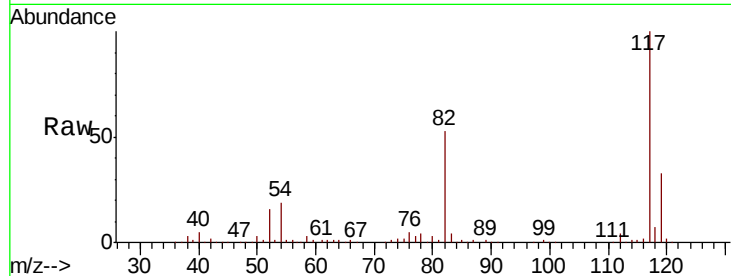




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

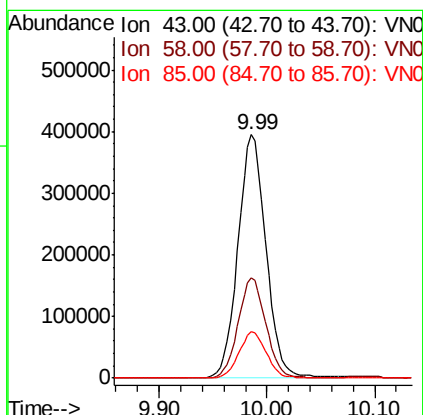
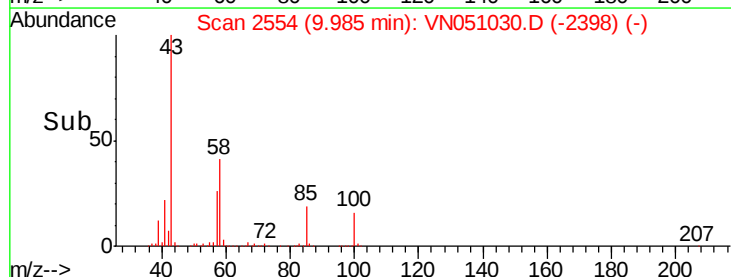
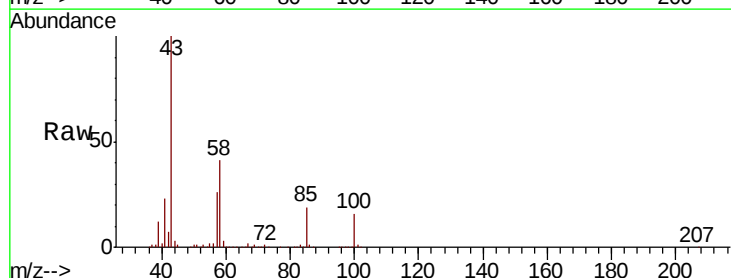
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

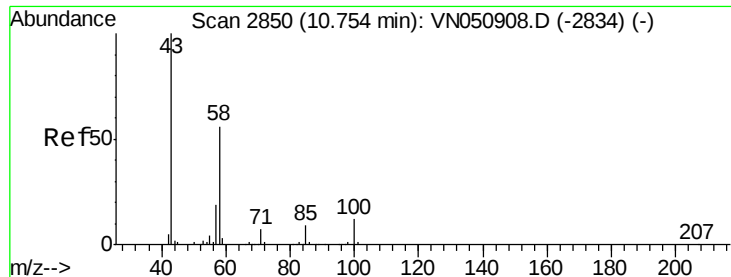
Tot Ion:117 Resp: 583938
Ion Ratio Lower Upper
117 100
82 53.0 42.6 64.0
119 32.4 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 106.82 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 43 Resp: 713680
Ion Ratio Lower Upper
43 100
58 40.9 32.3 48.5
85 18.7 14.9 22.3

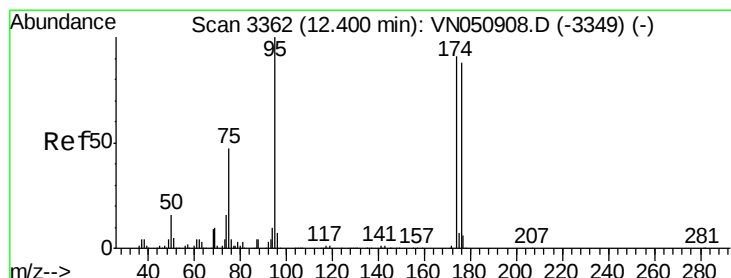
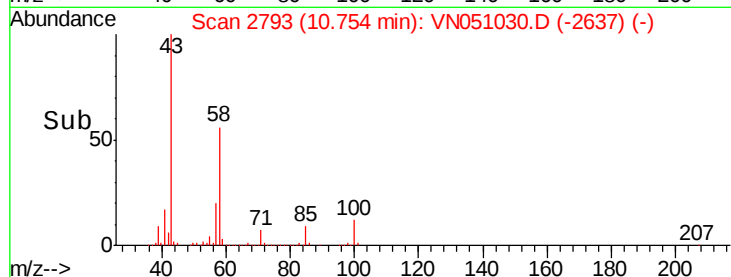
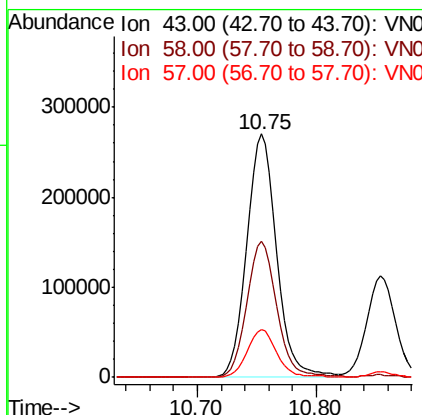
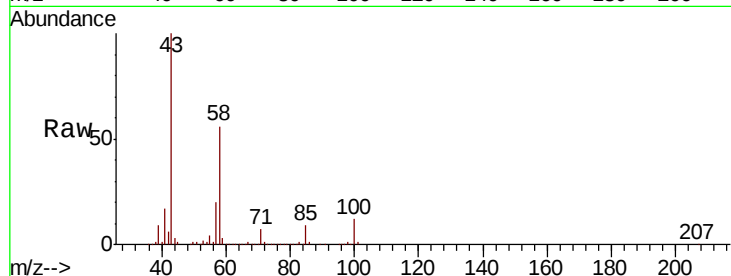




#59
2-Hexanone
Concen: 107.35 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

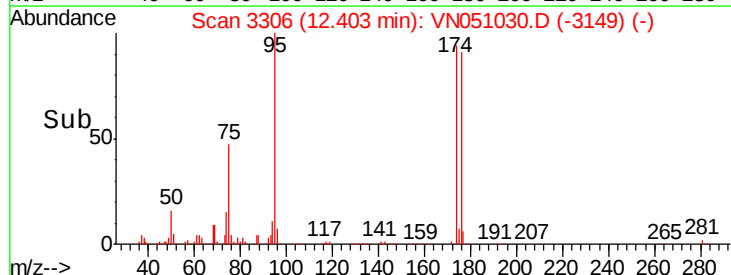
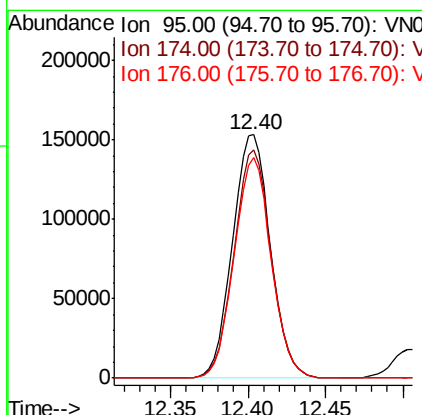
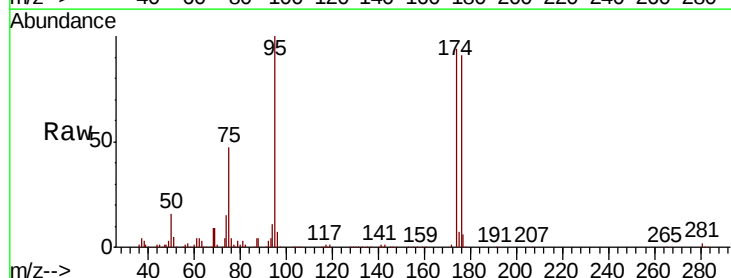
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

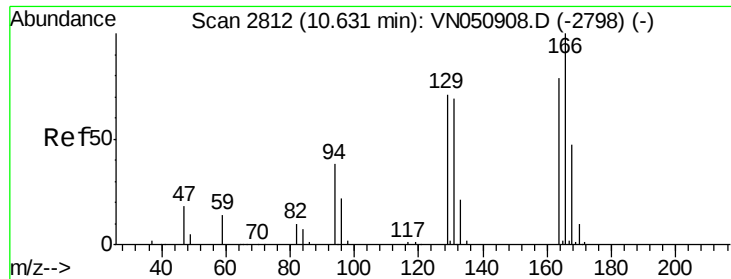
Tot Ion: 43 Resp: 468813
Ion Ratio Lower Upper
43 100
58 56.4 45.5 68.3
57 19.5 15.2 22.8



#60
4-Bromofluorobenzene
Concen: 29.98 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 95 Resp: 260348
Ion Ratio Lower Upper
95 100
174 91.7 74.6 112.0
176 88.6 71.5 107.3

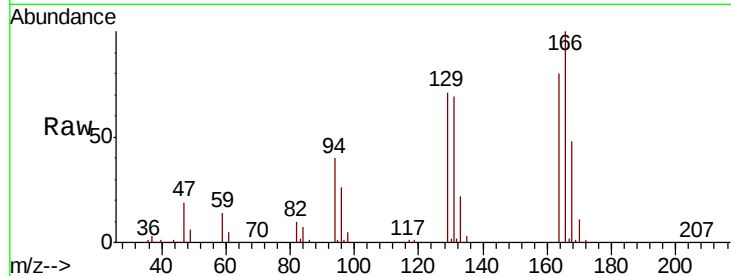




#61
Tetrachloroethene
Concen: 18.63 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.6	151.0
129	89.5	71.0	106.6
131	86.7	69.3	103.9



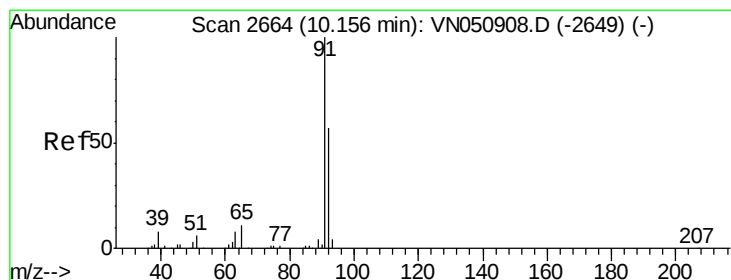
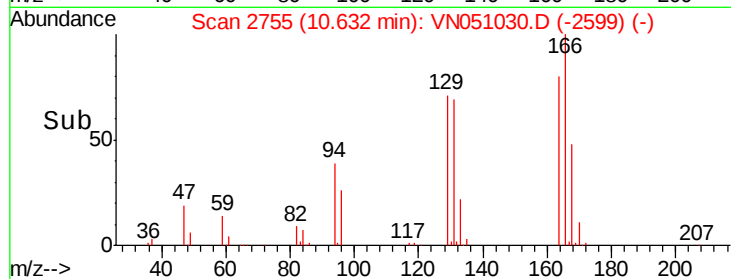
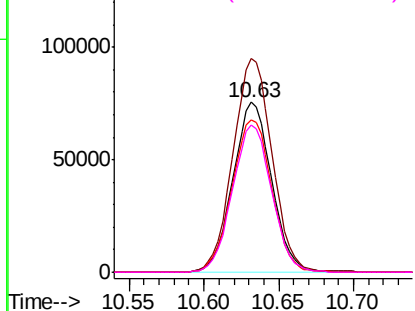
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

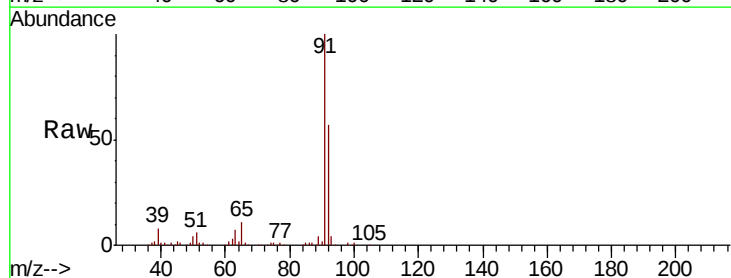
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 18.82 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

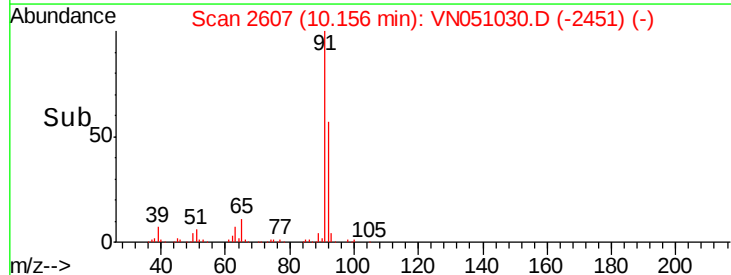
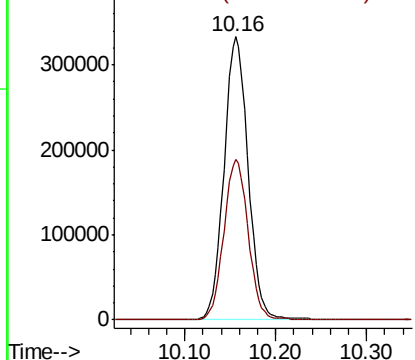
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	45.8	68.8

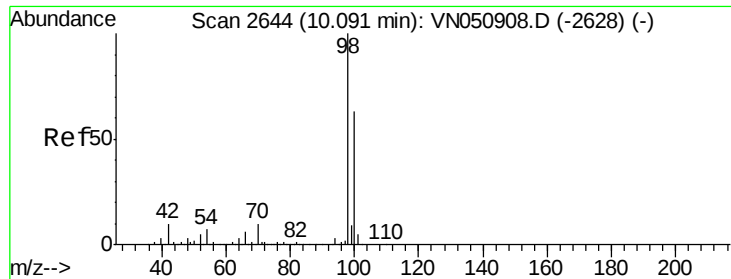


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.17 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

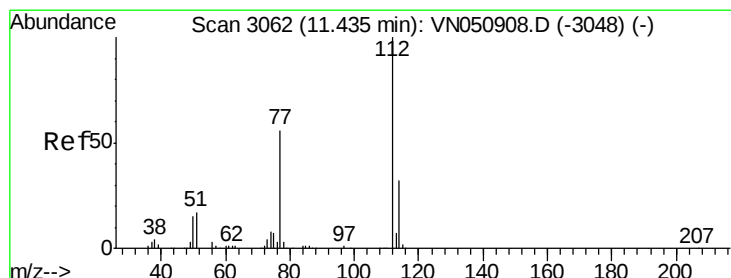
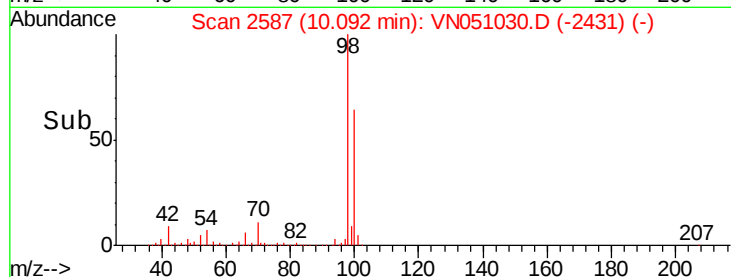
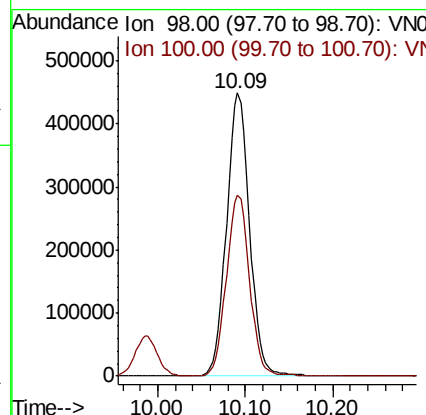
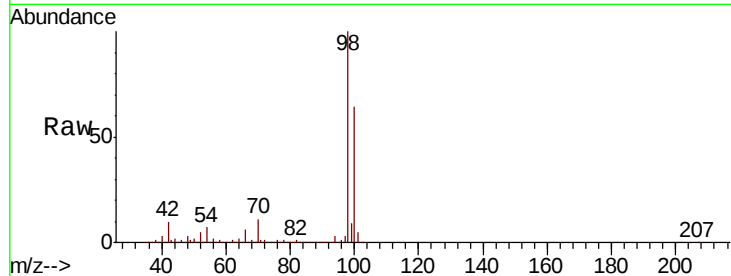
VN0906WBS01

Tot Ion: 98 Resp: 821690

Ion Ratio Lower Upper

98 100

100 64.1 50.6 75.8



#64

Chlorobenzene

Concen: 19.14 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN051030.D

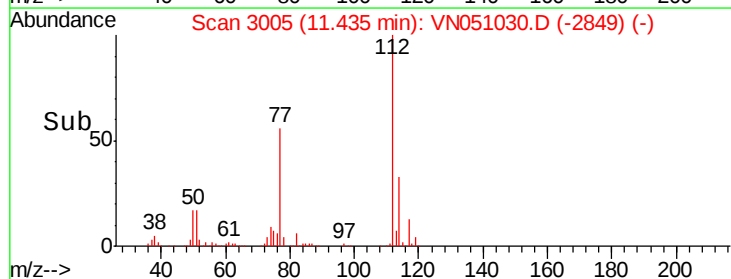
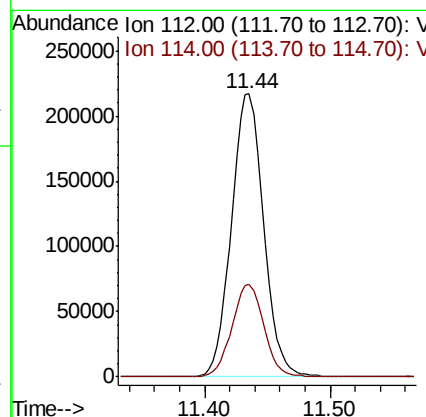
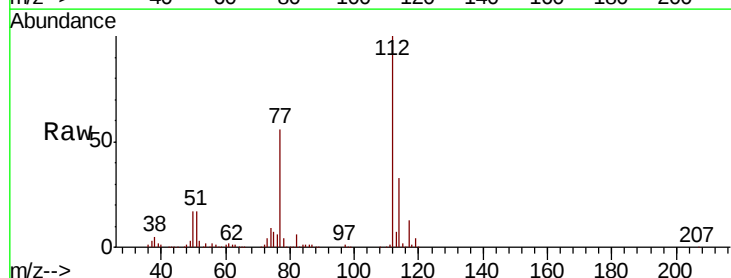
Acq: 6 Sep 2018 12:59

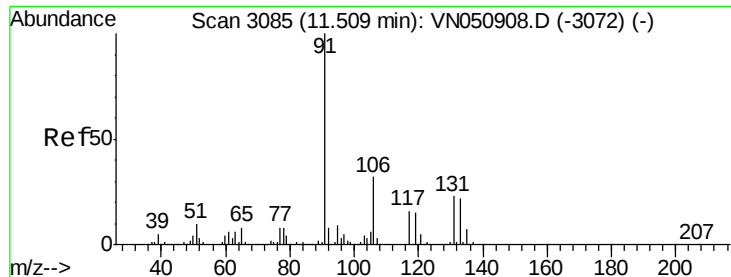
Tgt Ion: 112 Resp: 386517

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.97 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

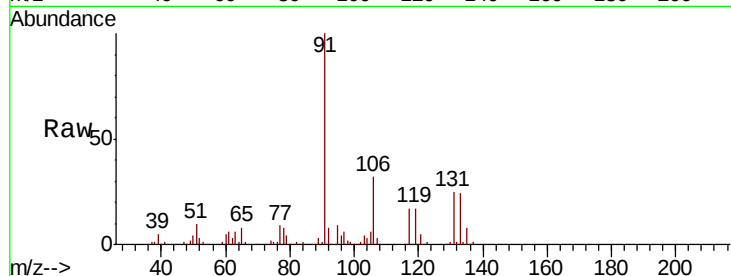
Tot Ion:131 Resp: 152198

Ion Ratio Lower Upper

131 100

133 94.3 0.0 189.4

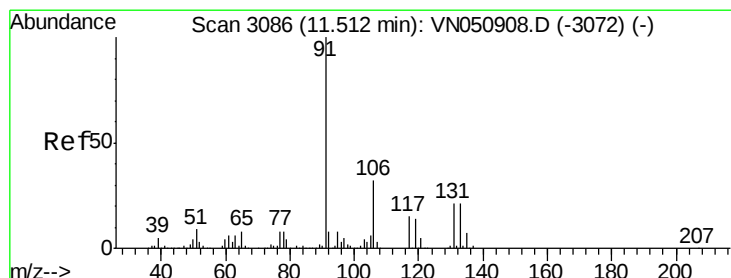
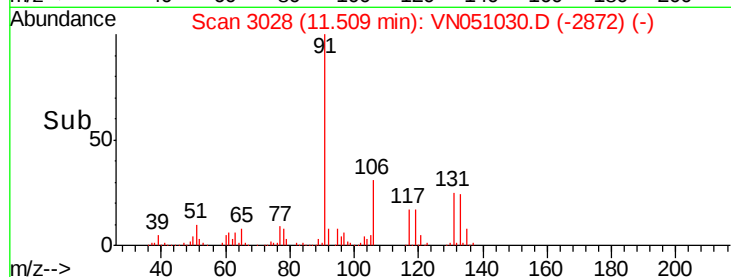
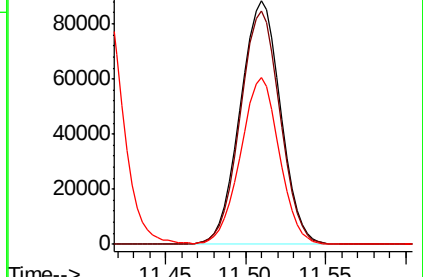
119 65.9 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.87 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051030.D

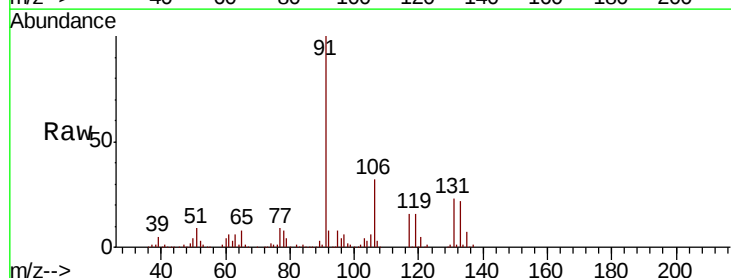
Acq: 6 Sep 2018 12:59

Tgt Ion: 91 Resp: 603108

Ion Ratio Lower Upper

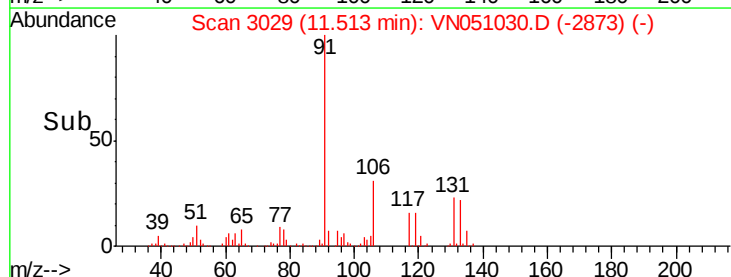
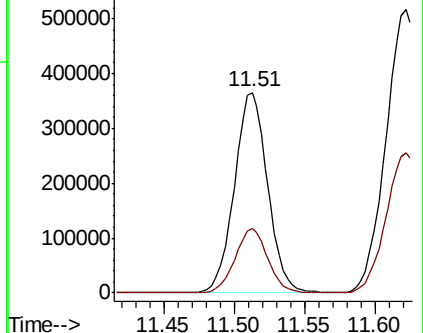
91 100

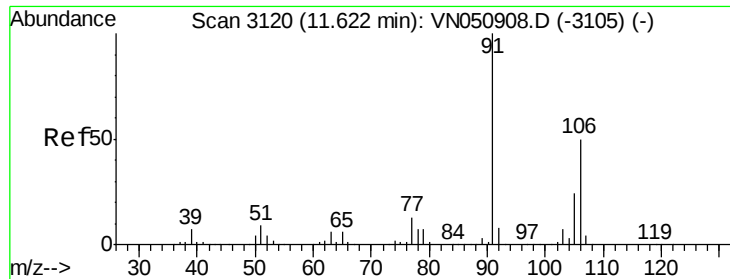
106 32.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

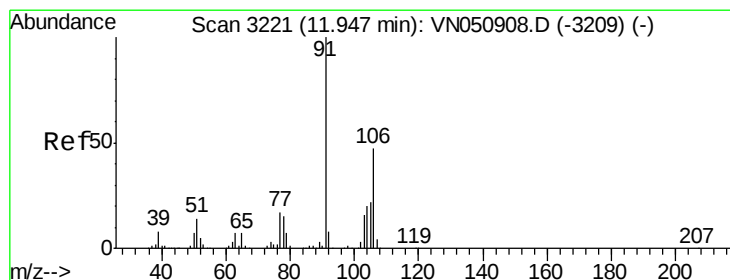
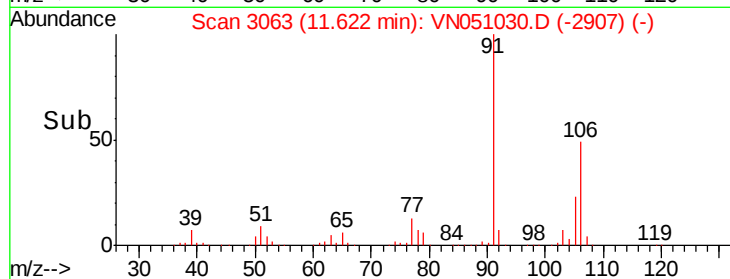
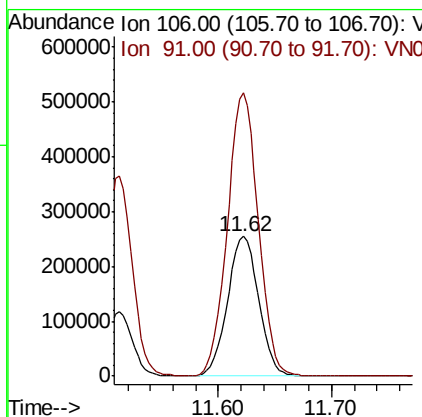
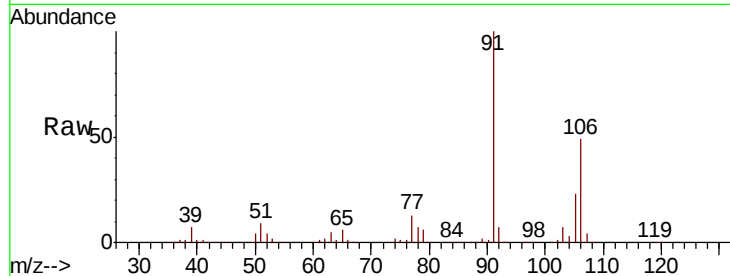




#67
m/p-Xylenes
Concen: 37.63 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

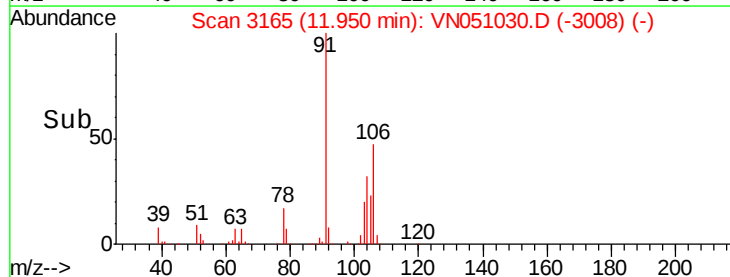
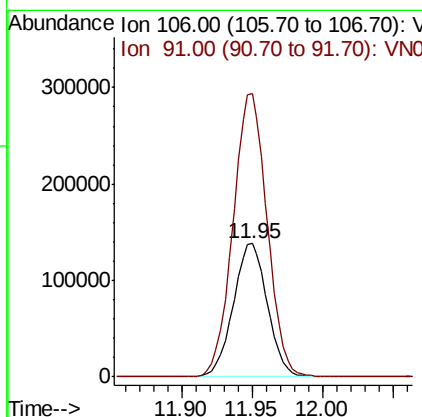
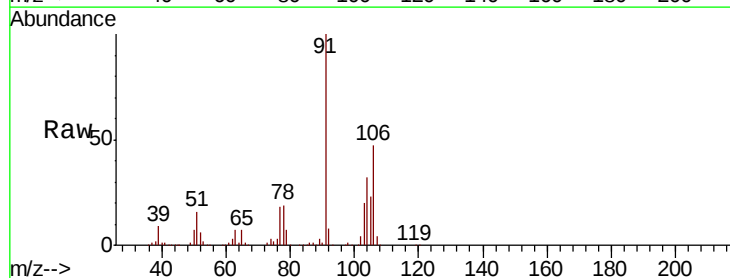
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

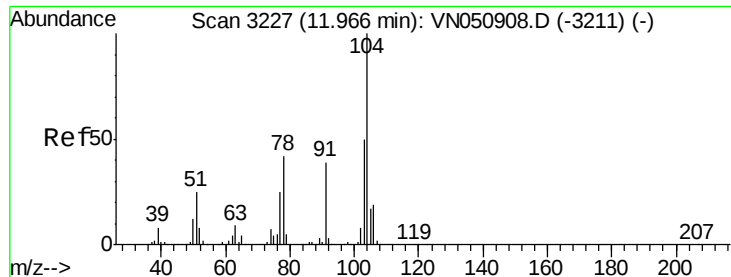
Tot Ion:106 Resp: 488597
Ion Ratio Lower Upper
106 100
91 200.3 160.6 241.0



#68
o-Xylene
Concen: 18.86 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion:106 Resp: 233956
Ion Ratio Lower Upper
106 100
91 212.6 106.4 319.2





#69

Stvrene

Concen: 18.94 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

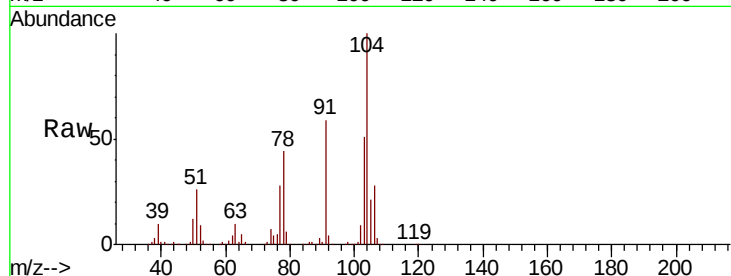
Tot Ion:104 Resp: 373573

Ion Ratio Lower Upper

104 100

78 48.2 38.6 58.0

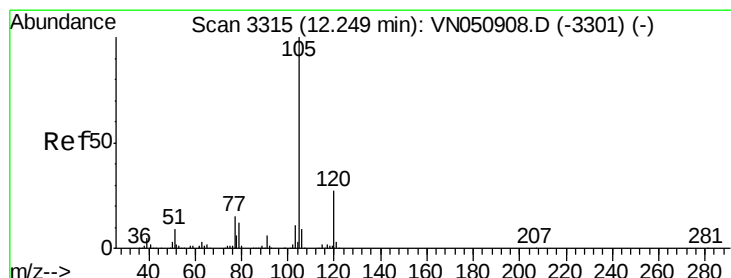
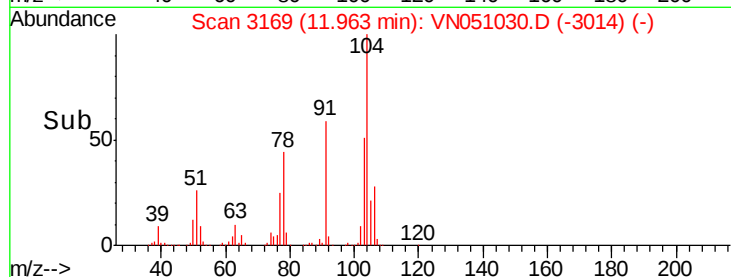
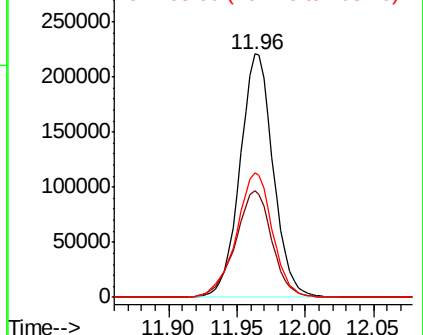
103 55.6 45.4 68.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.57 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051030.D

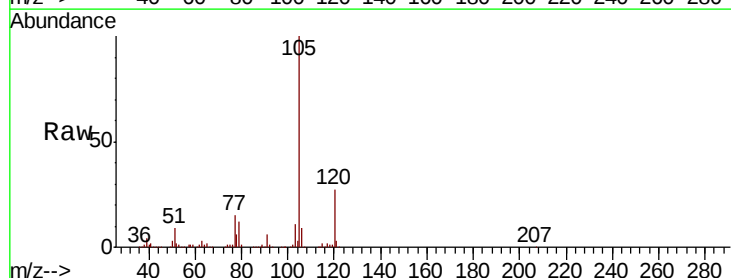
Acq: 6 Sep 2018 12:59

Tgt Ion:105 Resp: 612304

Ion Ratio Lower Upper

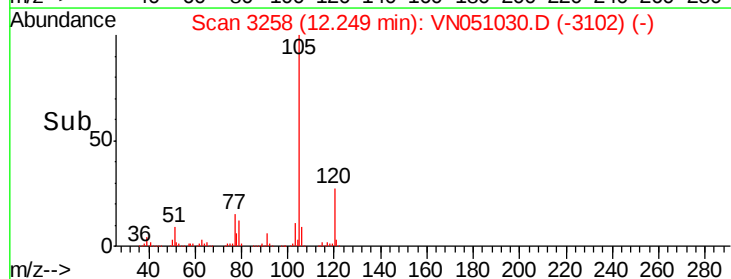
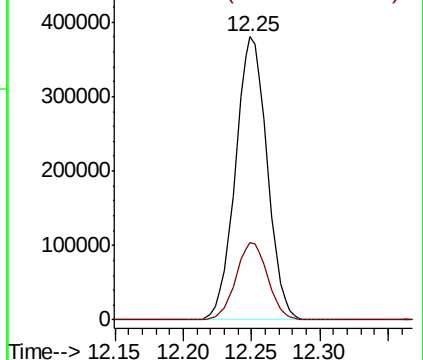
105 100

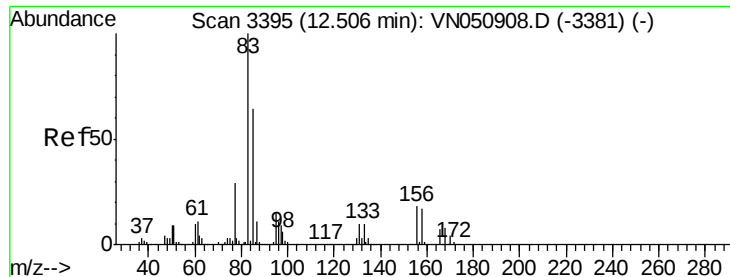
120 27.4 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 21.37 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

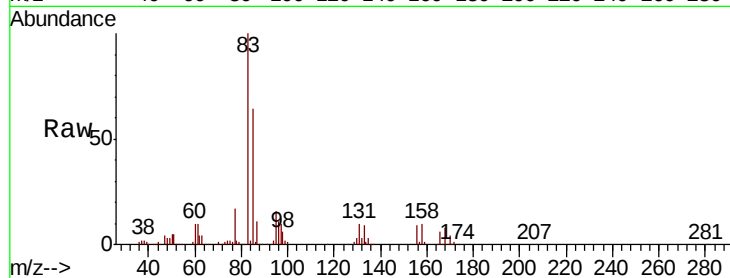
Tot Ion: 83 Resp: 190744

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

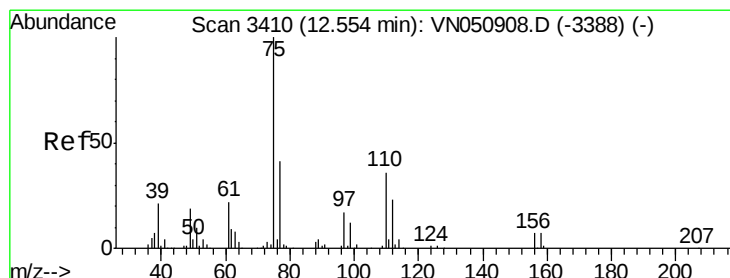
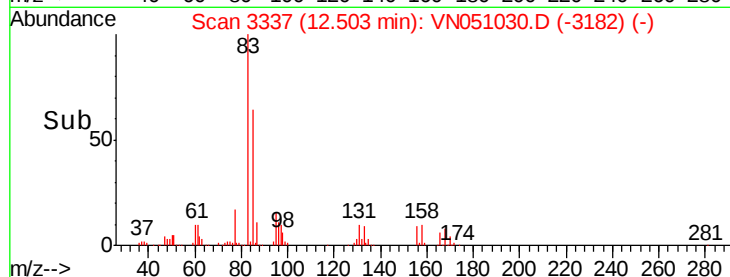
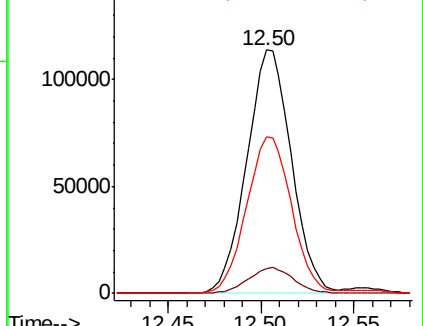
85 64.7 32.3 96.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 28.00 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051030.D

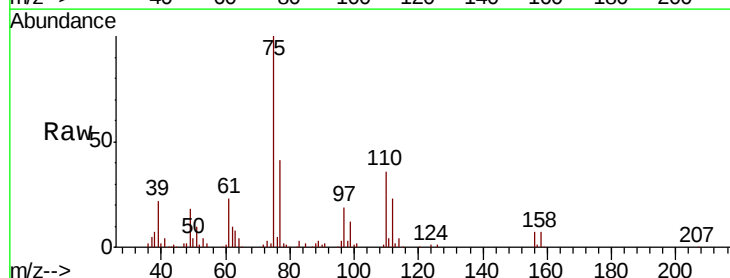
Acq: 6 Sep 2018 12:59

Tgt Ion: 75 Resp: 215600

Ion Ratio Lower Upper

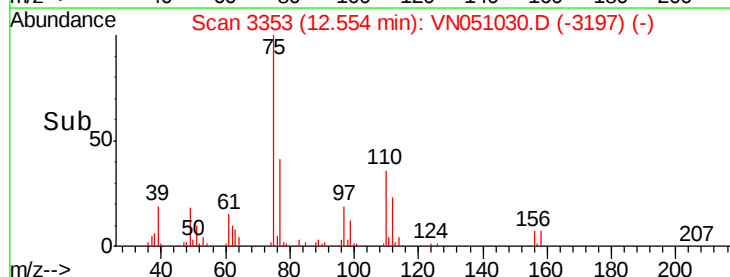
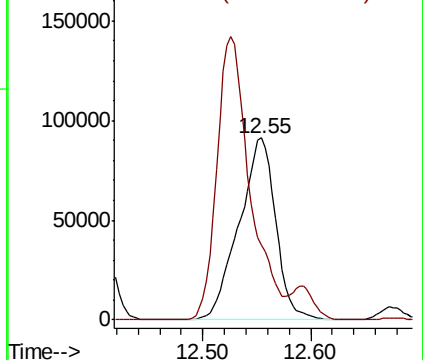
75 100

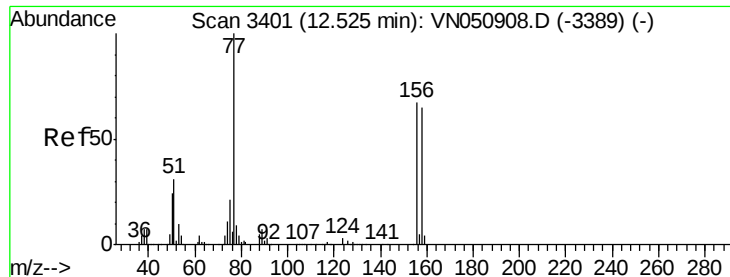
77 140.7 0.0 301.6



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 19.14 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampled :

VN0906WBS01

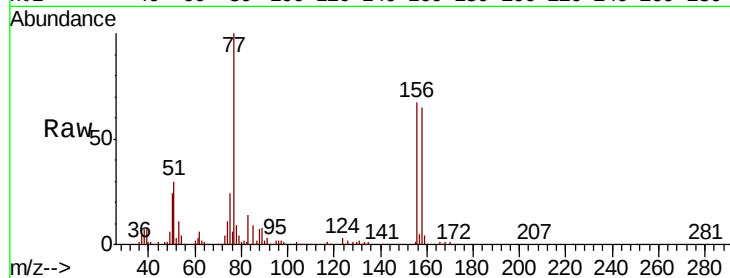
Tot Ion:156 Resp: 166004

Ion Ratio Lower Upper

156 100

77 182.7 0.0 359.4

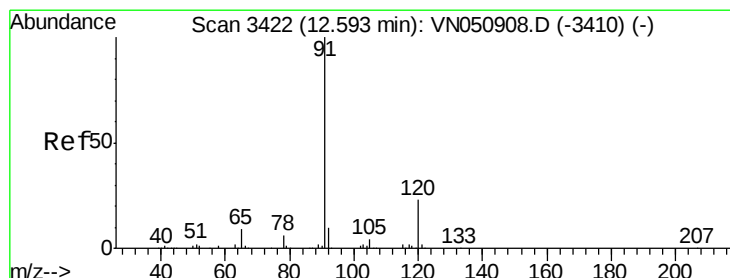
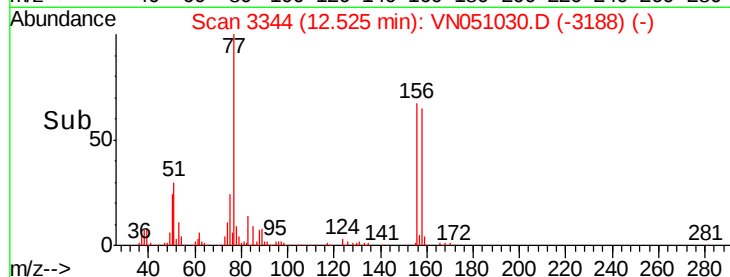
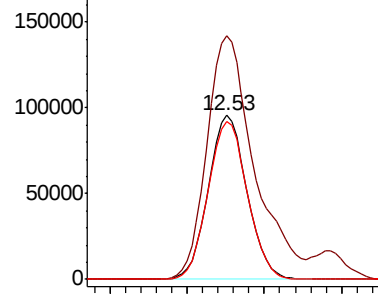
158 97.8 0.0 194.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.25 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051030.D

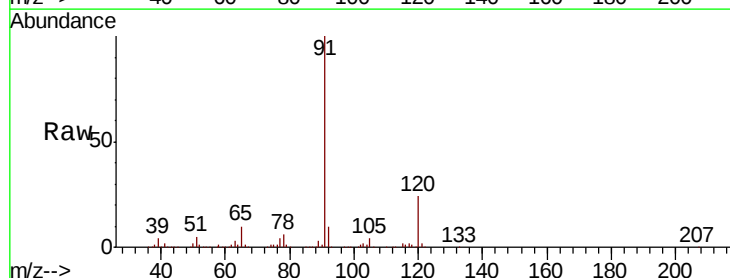
Acq: 6 Sep 2018 12:59

Tgt Ion: 91 Resp: 680256

Ion Ratio Lower Upper

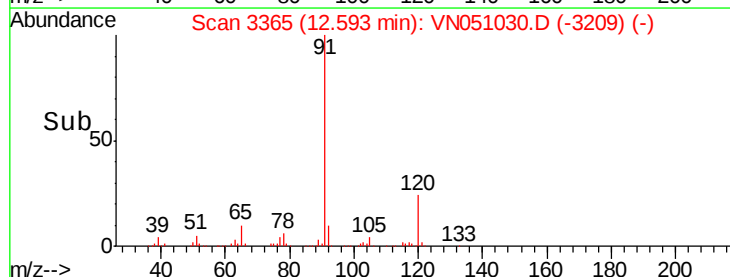
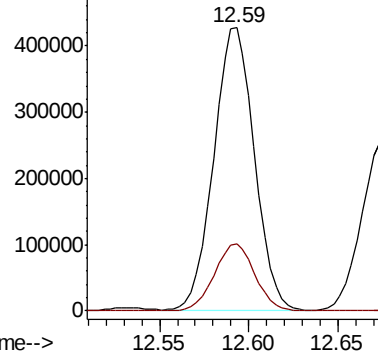
91 100

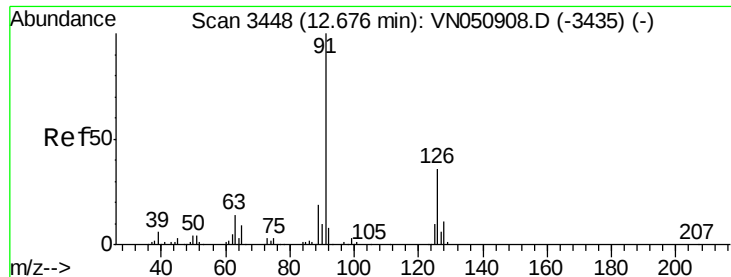
120 23.4 0.0 46.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.80 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampled :

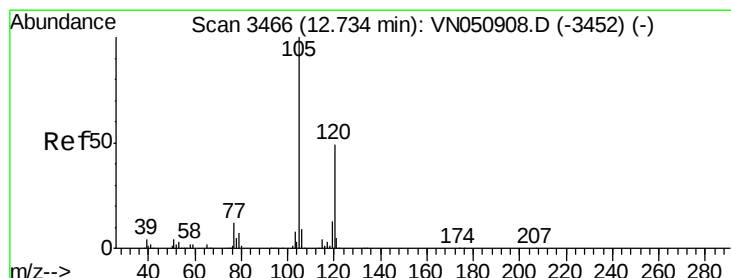
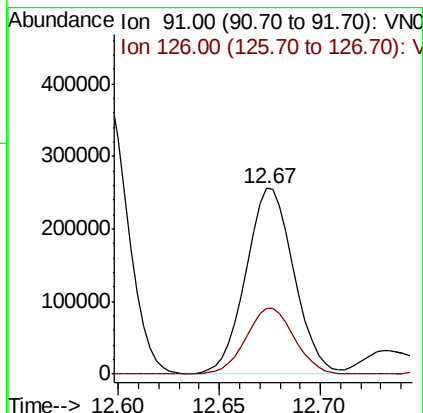
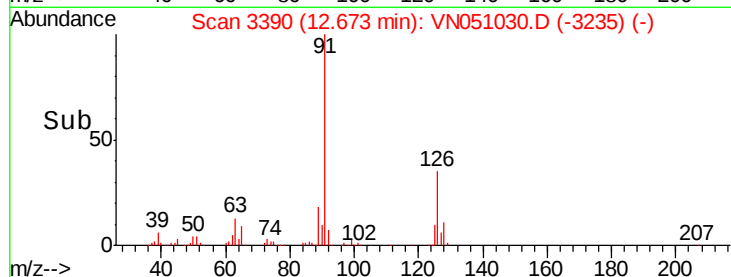
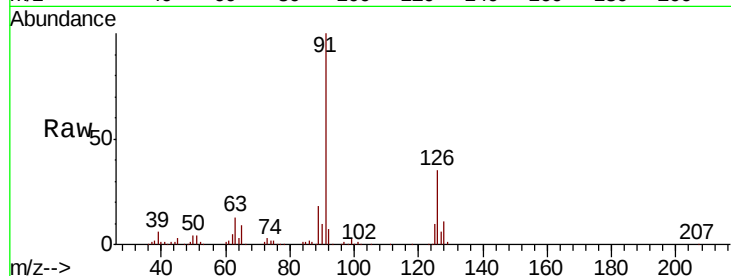
VN0906WBS01

Tot Ion: 91 Resp: 425586

Ion Ratio Lower Upper

91 100

126 35.9 0.0 71.8



#76

1,3,5-Trimethylbenzene

Concen: 18.92 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051030.D

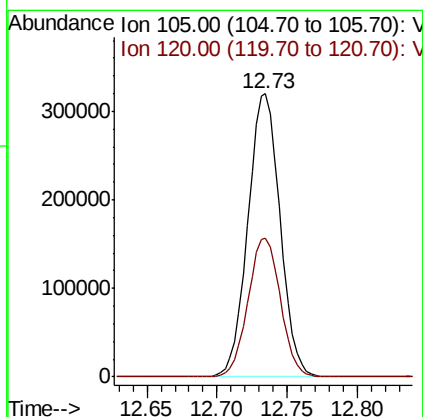
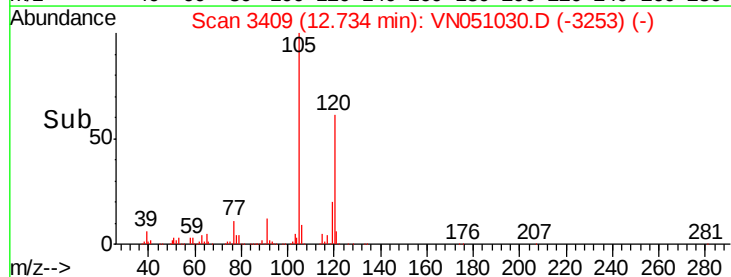
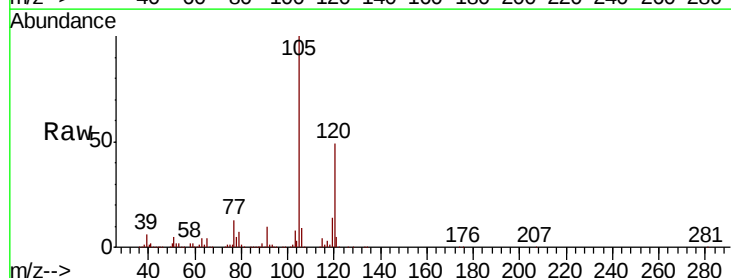
Acq: 6 Sep 2018 12:59

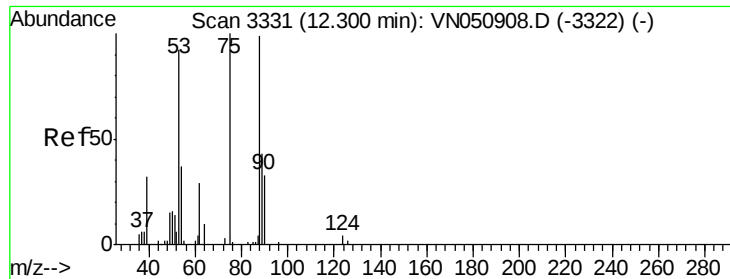
Tgt Ion: 105 Resp: 509576

Ion Ratio Lower Upper

105 100

120 49.6 0.0 99.6



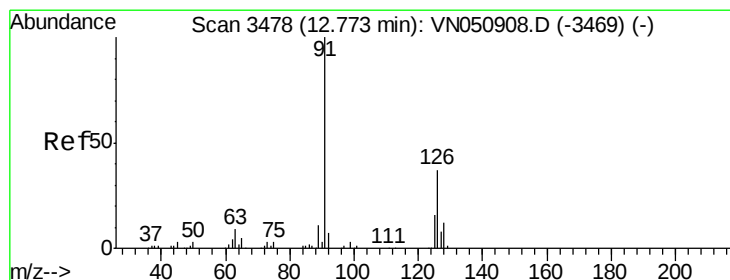
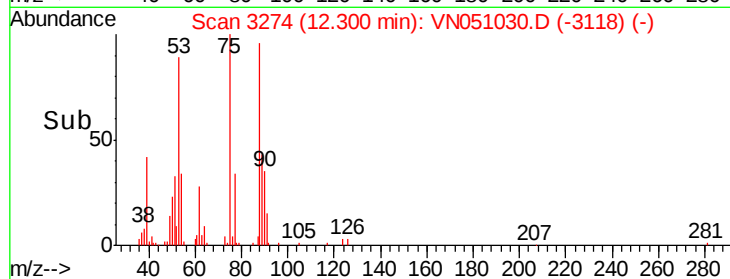
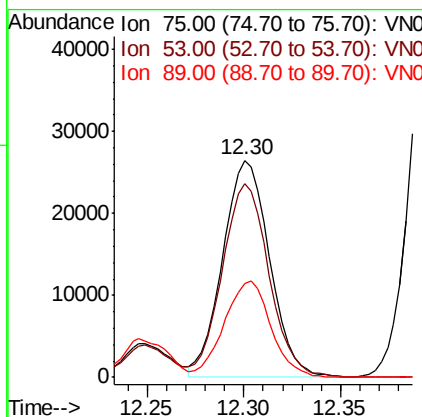
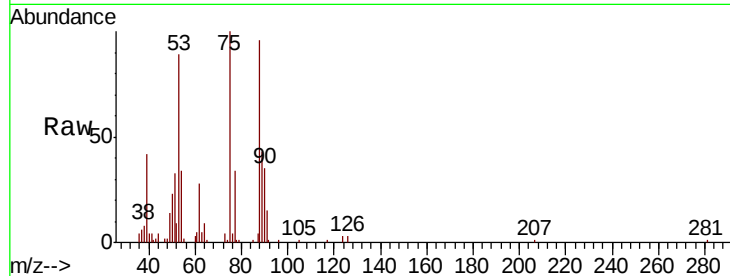


#77
t-1,4-Dichloro-2-butene
Concen: 20.36 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tot Ion: 75 Resp: 44675

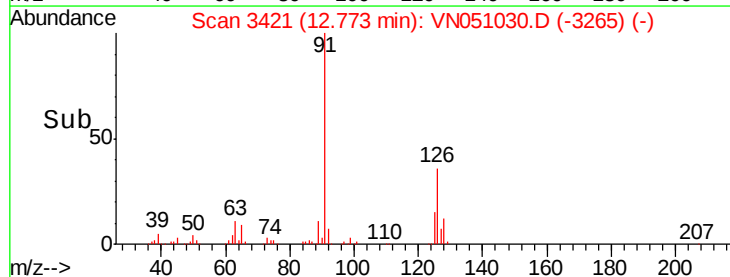
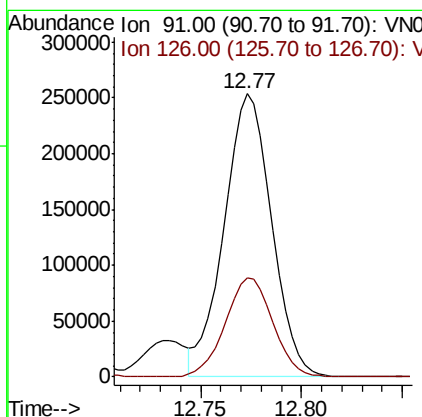
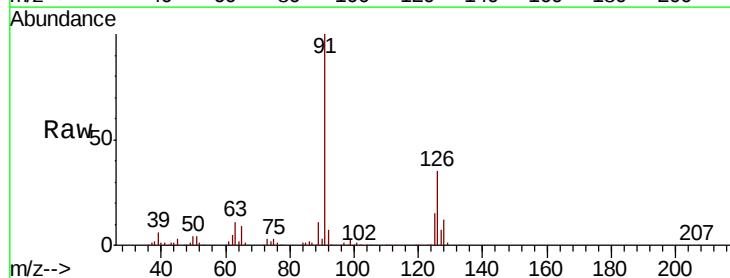
Ion	Ratio	Lower	Upper
75	100		
53	88.4	45.5	136.4
89	43.2	21.9	65.8

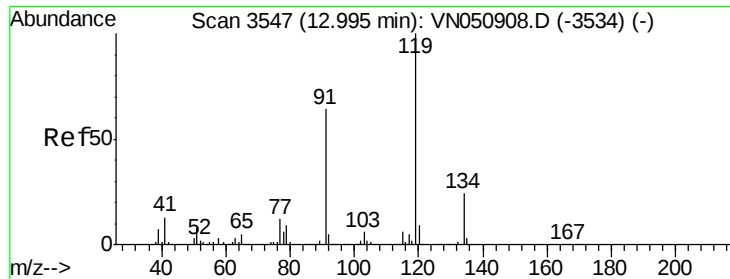


#78
4-Chlorotoluene
Concen: 18.71 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 91 Resp: 417049

Ion	Ratio	Lower	Upper
91	100		
126	35.2	0.0	69.8

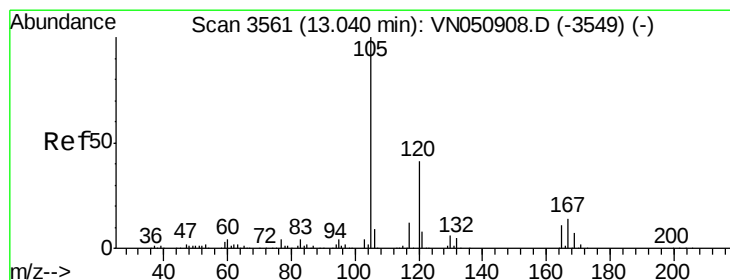
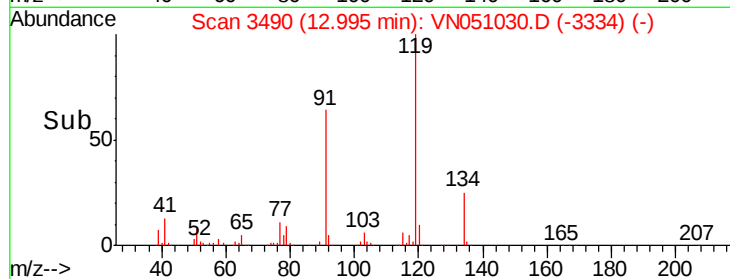
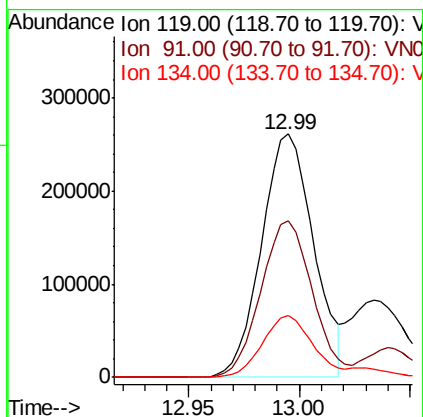
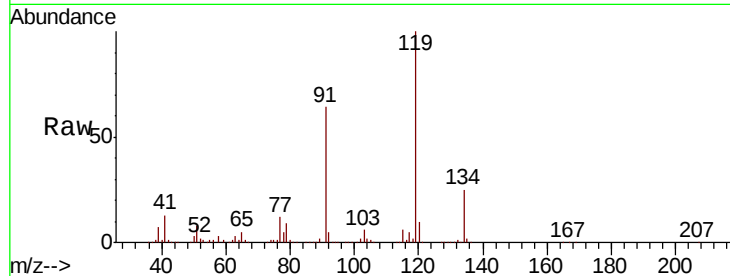




#79
 tert-butylbenzene
 Concen: 18.27 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

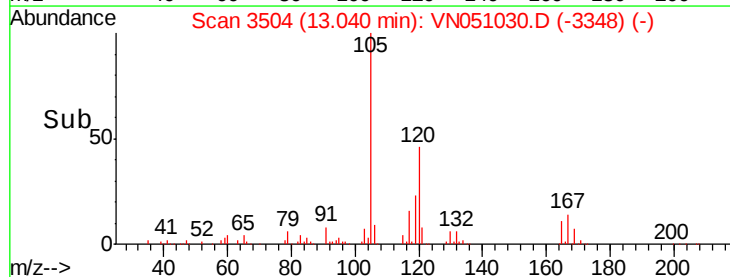
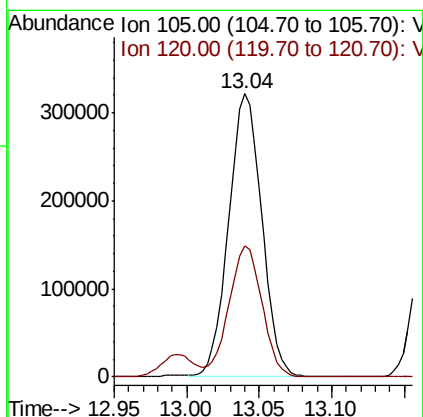
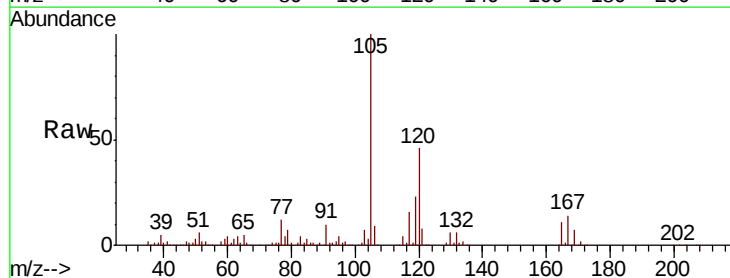
Instrument :
 MSVOA_N
 ClientSampled :
 VN0906WBS01

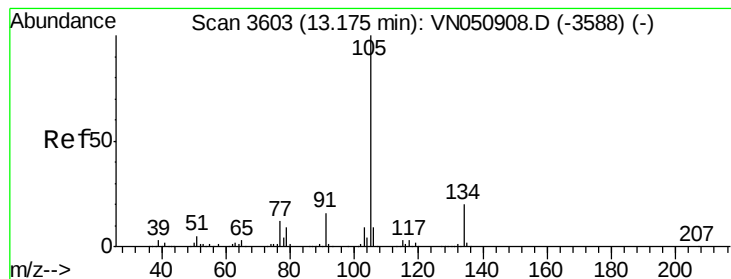
Tot Ion:119 Resp: 427526
 Ion Ratio Lower Upper
 119 100
 91 63.9 0.0 125.6
 134 24.6 0.0 48.4



#80
 1,2,4-Trimethylbenzene
 Concen: 19.00 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion:105 Resp: 510386
 Ion Ratio Lower Upper
 105 100
 120 46.2 0.0 93.6





#81

sec-Butylbenzene

Concen: 18.65 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

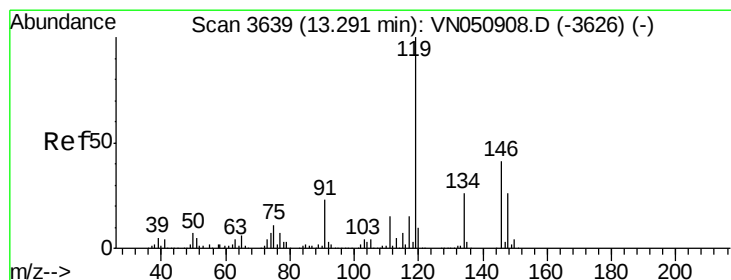
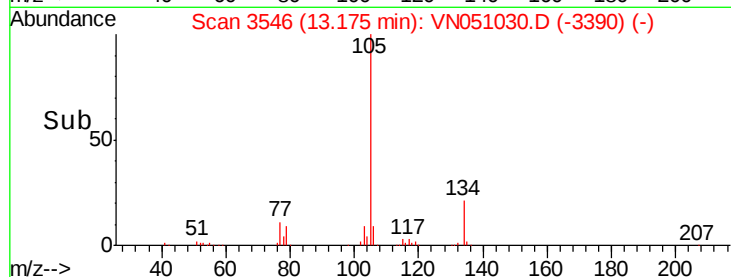
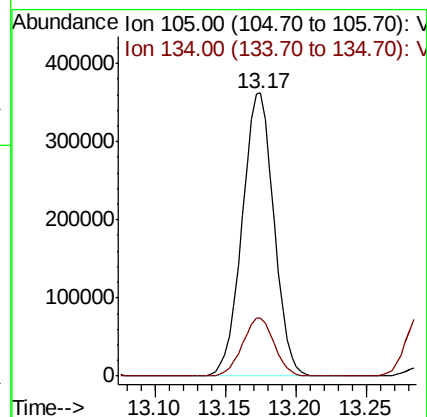
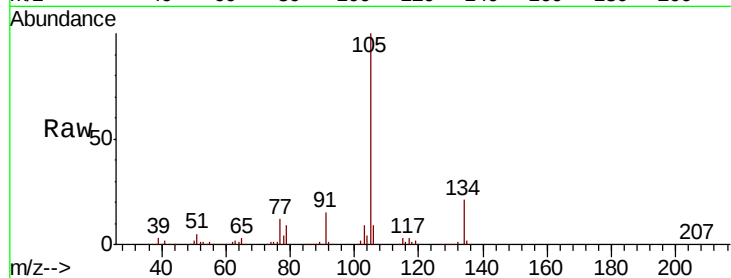
VN0906WBS01

Tot Ion:105 Resp: 570755

Ion Ratio Lower Upper

105 100

134 20.7 0.0 40.8



#82

p-Isopropyltoluene

Concen: 18.50 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

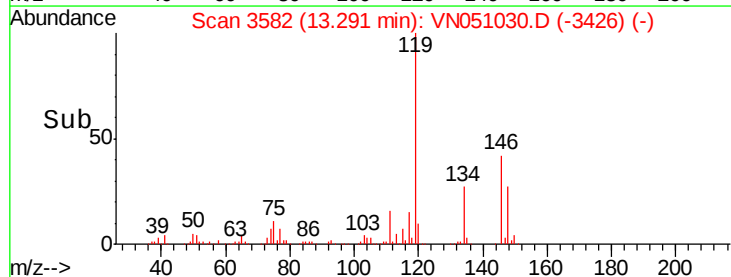
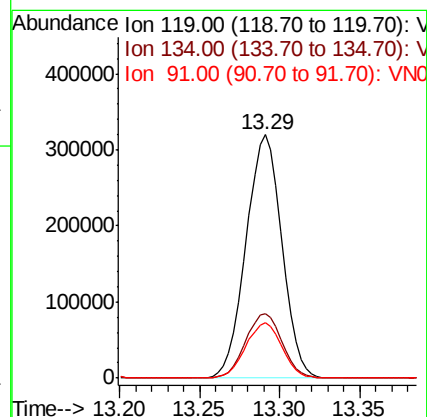
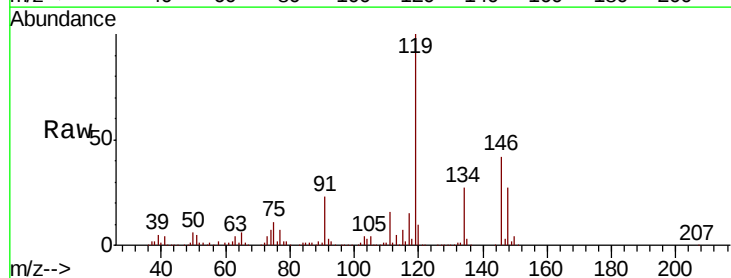
Tgt Ion:119 Resp: 488736

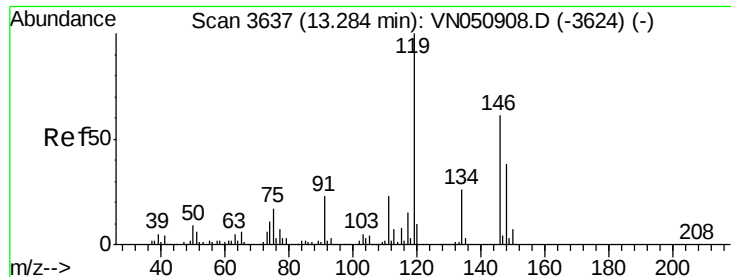
Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.2

91 22.9 0.0 46.0

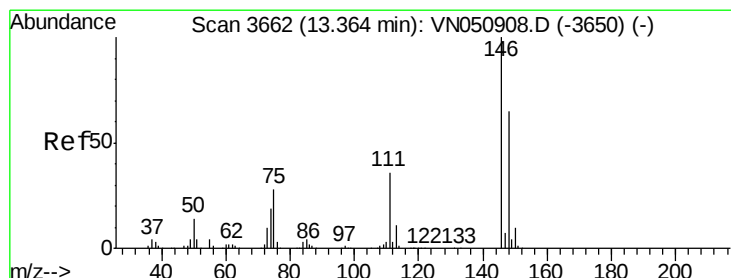
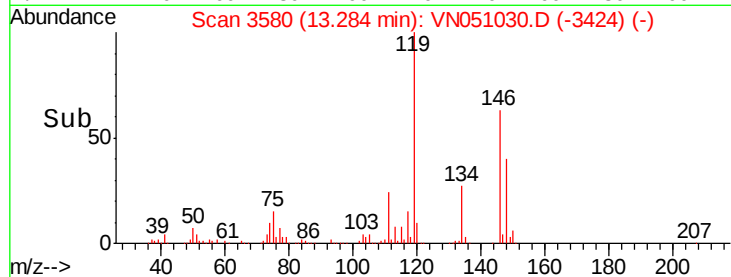
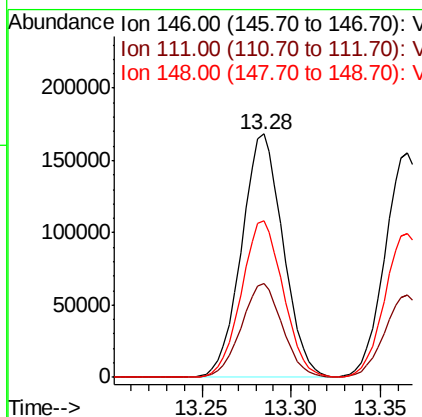
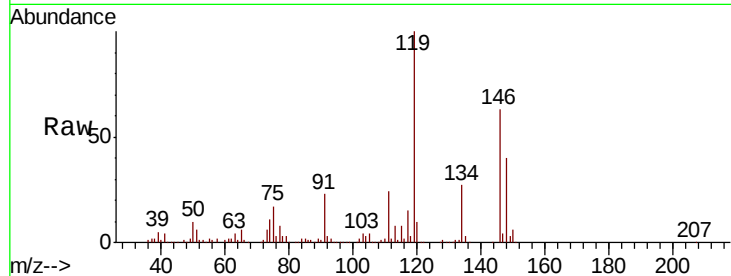




#83
 1,3-Dichlorobenzene
 Concen: 18.75 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

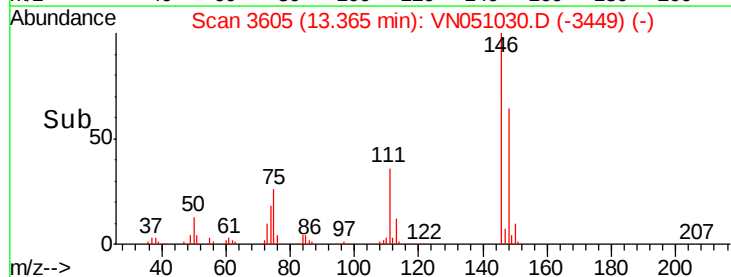
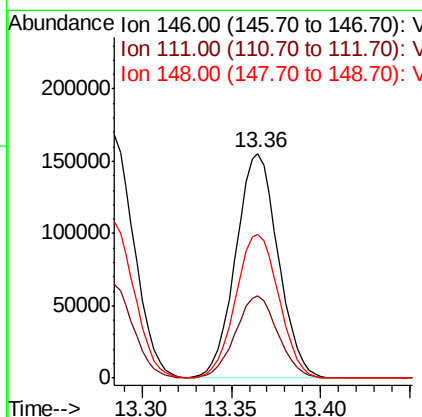
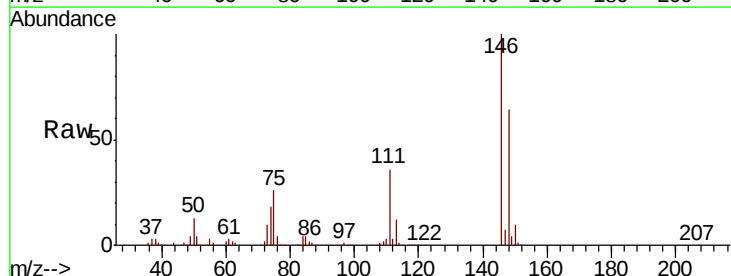
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

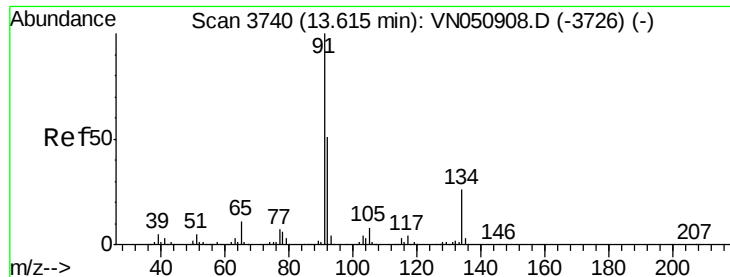
Tot Ion:146 Resp: 274889
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.6
 148 64.7 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 18.52 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion:146 Resp: 257358
 Ion Ratio Lower Upper
 146 100
 111 36.8 17.7 53.1
 148 65.7 31.6 94.8

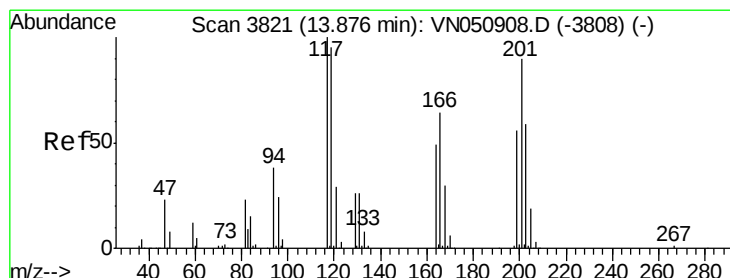
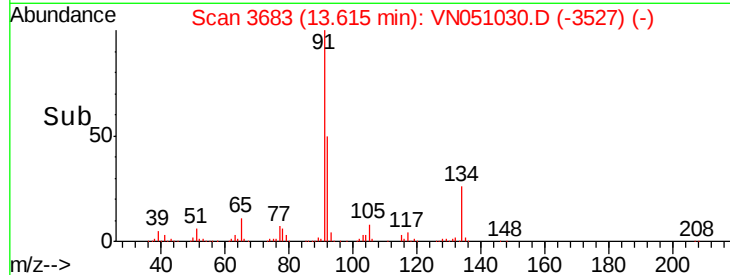
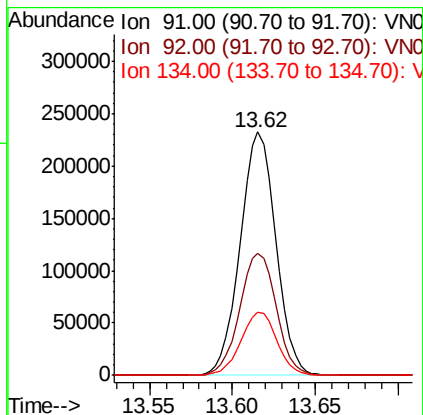
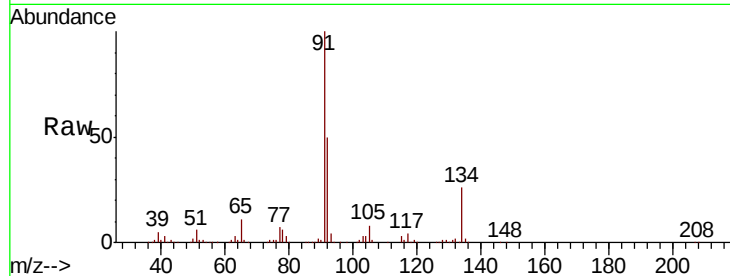




#85
n-Butylbenzene
Concen: 17.28 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

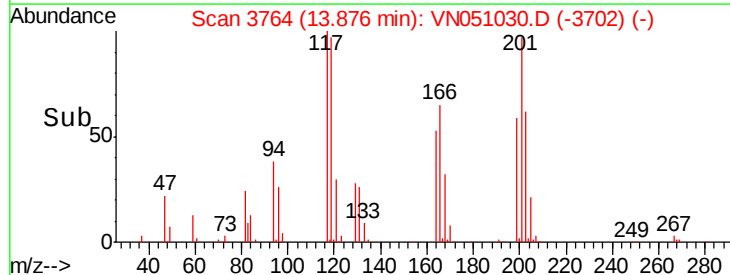
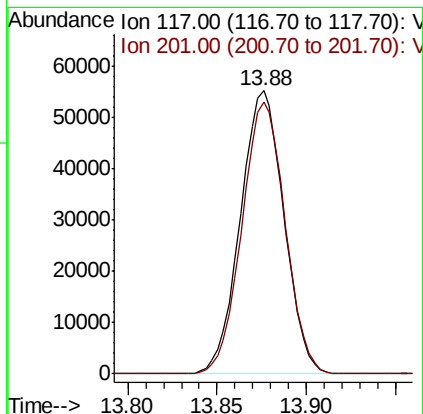
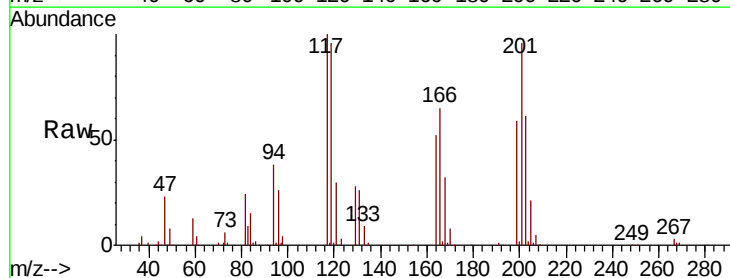
Instrument :
MSVOA_N
ClientSampled :
VN0906WBS01

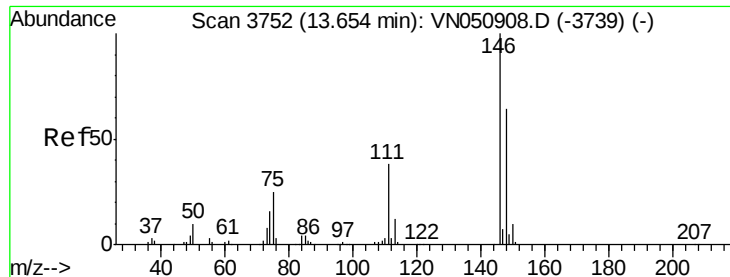
Tot Ion: 91 Resp: 348285
Ion Ratio Lower Upper
91 100
92 51.2 0.0 101.8
134 26.2 0.0 52.2



#86
Hexachloroethane
Concen: 18.63 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051030.D
Acq: 6 Sep 2018 12:59

Tgt Ion: 117 Resp: 94462
Ion Ratio Lower Upper
117 100
201 95.1 45.8 137.4

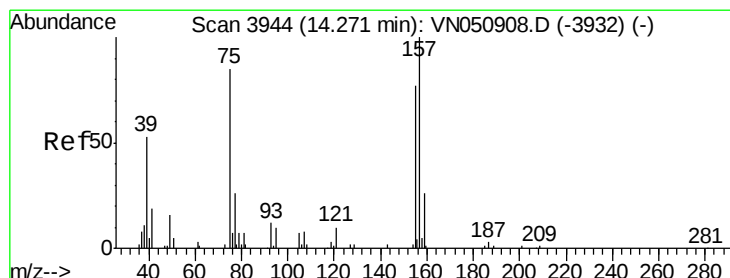
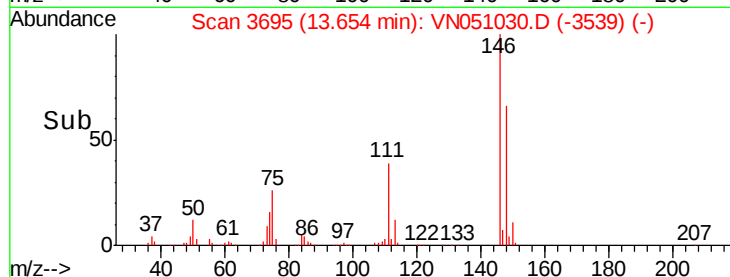
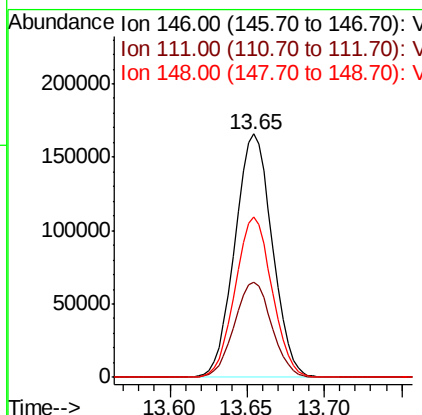
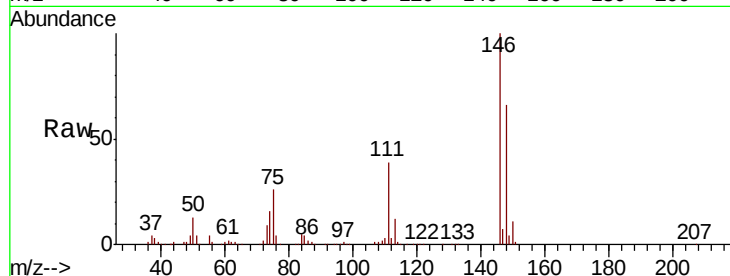




#87
 1,2-Dichlorobenzene
 Concen: 19.28 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

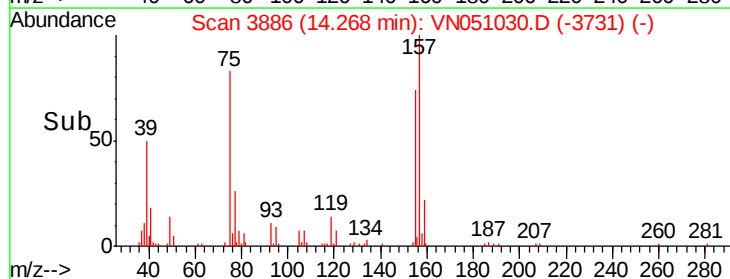
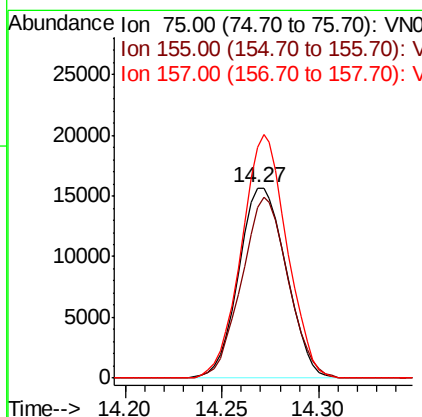
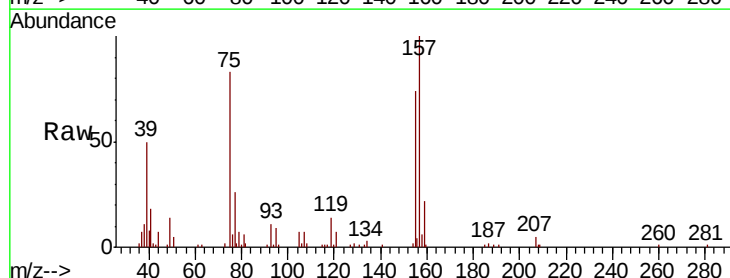
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

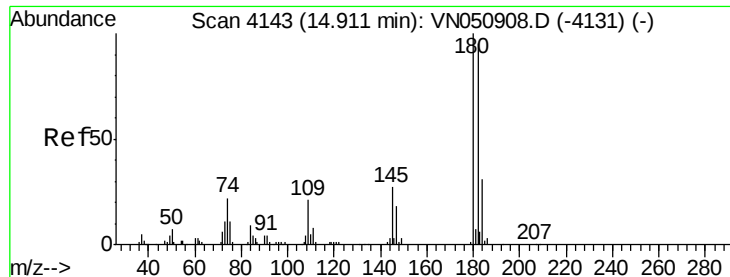
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	65.2	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.50 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	71.8	107.6
157	122.1	91.1	136.7

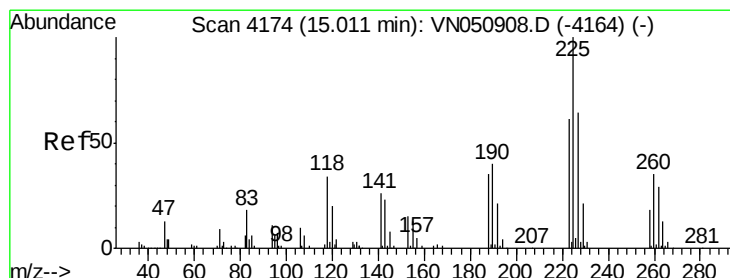
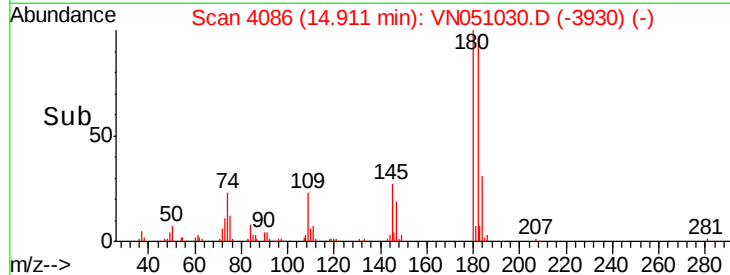
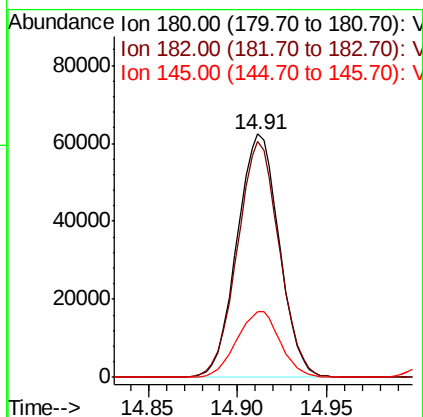
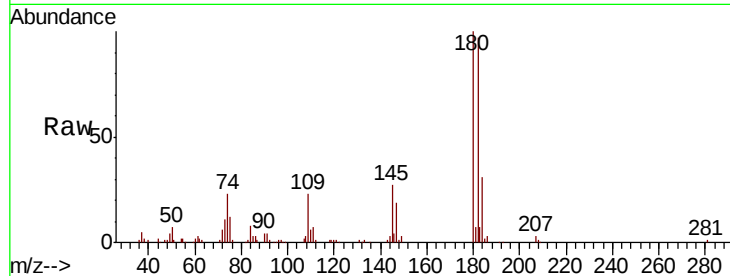




#89
 1,2,4-Trichlorobenzene
 Concen: 16.07 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

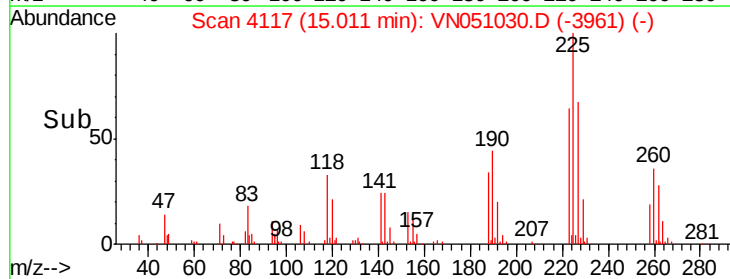
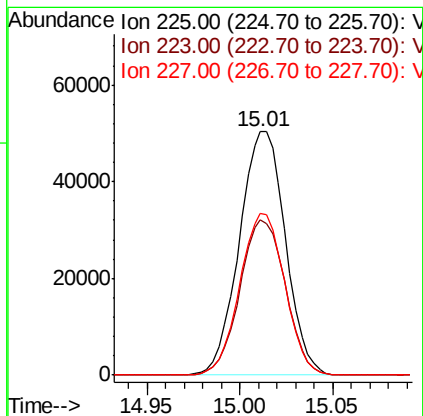
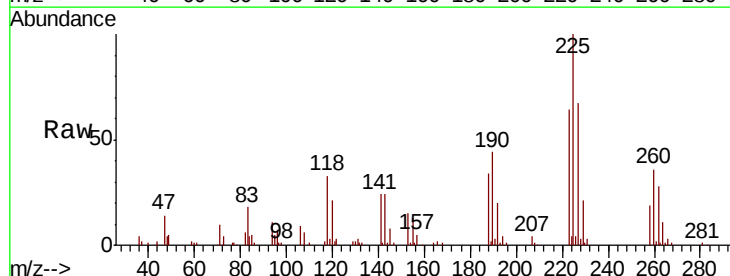
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

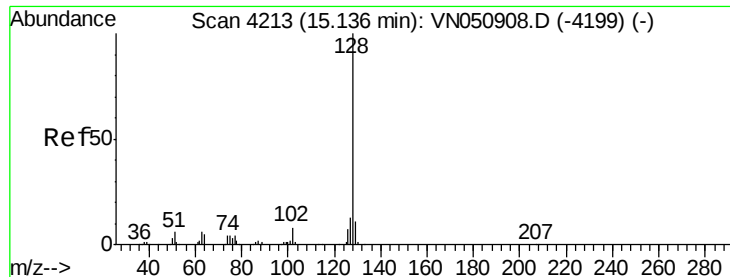
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
145	27.7	22.2	33.4



#90
 Hexachlorobutadiene
 Concen: 19.95 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051030.D
 Acq: 6 Sep 2018 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	127.8
227	64.6	0.0	128.4





#91

Naphthalene

Concen: 19.03 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

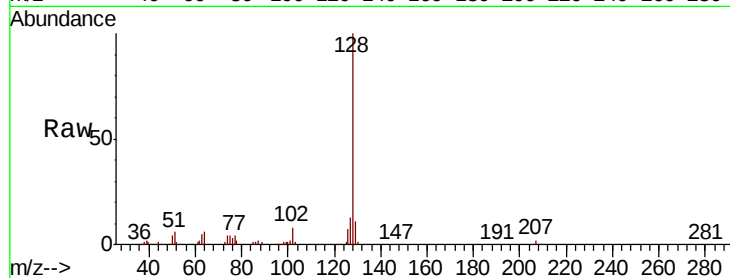
Tot Ion:128 Resp: 209903

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

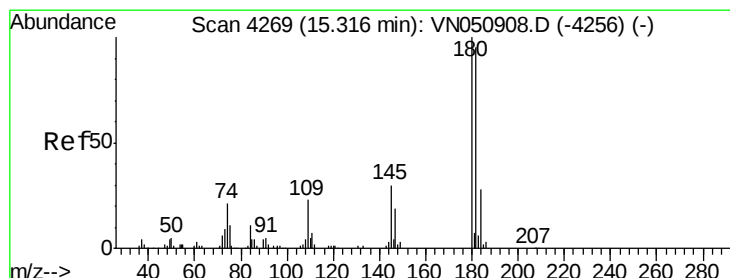
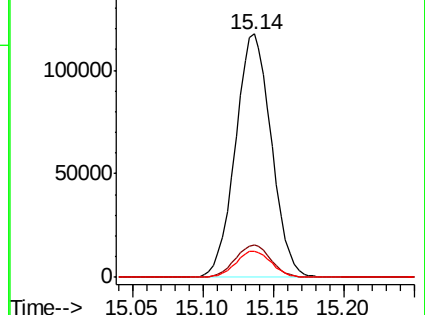
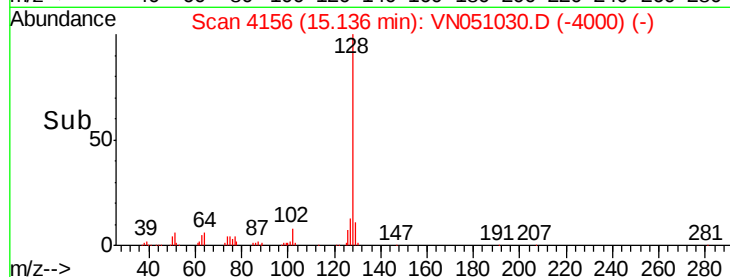
129 10.7 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 17.49 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051030.D

Acq: 6 Sep 2018 12:59

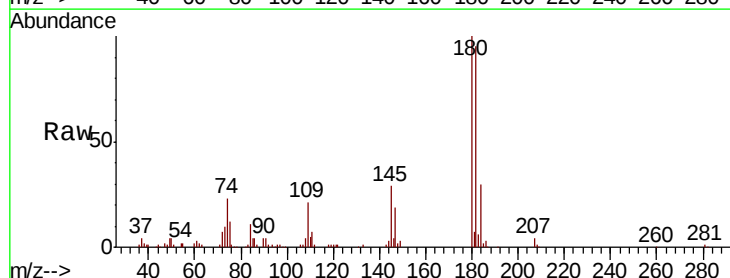
Tgt Ion:180 Resp: 112745

Ion Ratio Lower Upper

180 100

182 96.5 0.0 192.8

145 29.6 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

