

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051046.D
 Acq On : 7 Sep 2018 10:50
 Operator : MD\SY
 Sample : VN0907WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

Quant Time: Sep 07 14:14:23 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	134604	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	704159	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	625931	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	251269	29.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.50%
60) 4-Bromofluorobenzene	12.40	95	283936	30.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.70%
63) Toluene-d8	10.09	98	880318	30.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	136198	16.293 ug/l	99
3) Chloromethane	2.06	50	163651	16.579 ug/l	100
4) Vinyl Chloride	2.18	62	161441	16.553 ug/l	98
5) Bromomethane	2.55	94	127577	21.460 ug/l	95
6) Chloroethane	2.70	64	97014	16.864 ug/l	100
7) Trichlorofluoromethane	3.01	101	223096	17.255 ug/l	98
8) Diethyl Ether	3.41	74	80497	17.658 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	137187	17.134 ug/l	97
10) 1,1-Dichloroethene	3.73	96	123199	16.939 ug/l	98
11) Methyl Iodide	3.95	142	86300	12.717 ug/l	99
12) Methyl Acetate	4.33	43	189207	22.497 ug/l	99
13) Acrolein	3.61	56	35161	188.803 ug/l	98
14) Acrylonitrile	4.99	53	257440	90.534 ug/l	98
15) Acetone	3.82	58	66150	90.909 ug/l	89
16) Carbon Disulfide	4.05	76	340015	15.548 ug/l	99
17) Allyl chloride	4.32	41	187451	16.380 ug/l	99
18) Methylene Chloride	4.55	84	151576	17.755 ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	129196	16.672 ug/l	100
20) Diisopropyl ether	5.96	45	424770	17.881 ug/l	98
21) 1,1-Dichloroethane	5.85	63	256321	17.599 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	149566	17.086 ug/l	99
23) tert-Butyl Alcohol	4.79	59	58591	96.886 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	358238	18.008 ug/l	100
25) Chloroform	7.37	83	261257	17.972 ug/l	98
26) Cyclohexane	7.65	56	191426	15.863 ug/l	# 100
29) 1,1-Dichloropropene	7.79	75	181769	17.242 ug/l	99
30) 2-Butanone	6.84	43	288014	88.810 ug/l	100
31) 2,2-Dichloropropane	6.83	77	185185	18.053 ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	219846	18.390 ug/l	98
33) Carbon Tetrachloride	7.77	117	191900	17.825 ug/l	99
34) Benzene	8.04	78	581355	17.826 ug/l	98
35) Methacrylonitrile	7.18	41	61266	17.243 ug/l	95
36) 1,2-Dichloroethane	8.13	62	181925	18.445 ug/l	100
37) Trichloroethene	8.84	130	150094	17.609 ug/l	99
38) Methylcyclohexane	9.08	83	178581	15.773 ug/l	98
39) 1,2-Dichloropropane	9.12	63	154094	18.092 ug/l	98
40) Dibromomethane	9.21	93	95350	18.584 ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

Quant Time: Sep 07 14:14:23 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	196706	18.187	ug/l	97
42) Vinyl Acetate	5.90	43	1244247	83.296	ug/l	99
43) Ethyl Acetate	6.93	43	124847	18.792	ug/l	100
44) Isopropyl Acetate	8.17	43	212745	18.147	ug/l	100
45) 1,4-Dioxane	9.20	88	35354	405.976	ug/l	97
46) Methyl methacrylate	9.20	41	105936	18.043	ug/l	97
47) n-amyl Acetate	12.07	43	165907	17.603	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	186660	17.606	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	216941	17.813	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	139004	18.646	ug/l	99
51) Ethyl methacrylate	10.43	69	159346	17.470	ug/l	98
52) 1,3-Dichloropropane	10.71	76	228202	18.480	ug/l	99
53) Dibromochloromethane	10.90	129	155959	18.398	ug/l	100
54) 1,2-Dibromoethane	11.01	107	135669	18.405	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	294857	77.692	ug/l	99
56) Bromoform	12.13	173	111750	18.536	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	649852	90.741	ug/l	99
59) 2-Hexanone	10.75	43	424710	90.728	ug/l	99
61) Tetrachloroethene	10.63	164	140913	18.066	ug/l	98
62) Toluene	10.16	91	633862	18.152	ug/l	99
64) Chlorobenzene	11.43	112	392489	18.135	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	152065	18.609	ug/l	99
66) Ethyl Benzene	11.51	91	632111	17.476	ug/l	100
67) m/p-Xylenes	11.62	106	500756	35.981	ug/l	100
68) o-Xylene	11.95	106	241426	18.155	ug/l	98
69) Styrene	11.96	104	381015	18.021	ug/l	99
70) Isopropylbenzene	12.25	105	634937	17.969	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.51	83	185657	19.405	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	209870	25.426	ug/l	96
73) Bromobenzene	12.53	156	170702	18.361	ug/l	100
74) n-propylbenzene	12.59	91	710832	17.793	ug/l	100
75) 2-Chlorotoluene	12.68	91	444305	18.307	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	532003	18.423	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	41251	17.542	ug/l	94
78) 4-Chlorotoluene	12.77	91	436642	18.272	ug/l	100
79) tert-butylbenzene	12.99	119	460640	18.368	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	535862	18.613	ug/l	99
81) sec-Butylbenzene	13.17	105	594729	18.125	ug/l	99
82) p-Isopropyltoluene	13.29	119	514363	18.161	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	284912	18.126	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	266783	17.913	ug/l	98
85) n-Butylbenzene	13.62	91	370153	17.128	ug/l	100
86) Hexachloroethane	13.87	117	100386	18.466	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	287225	18.565	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	25872	19.330	ug/l	94
89) 1,2,4-Trichlorobenzene	14.91	180	108770	15.792	ug/l	98
90) Hexachlorobutadiene	15.01	225	92527	19.772	ug/l	98
91) Naphthalene	15.13	128	211415	18.397	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	114383	16.550	ug/l	98

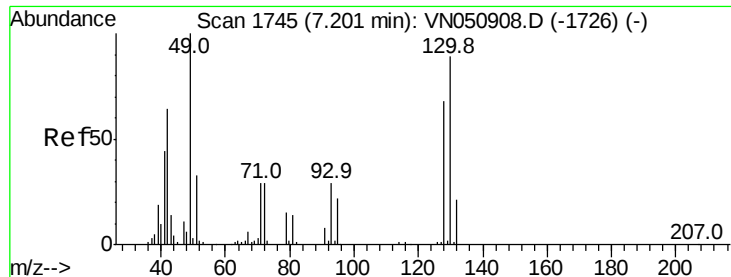
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
Data File : VN051046.D
Acq On : 7 Sep 2018 10:50
Operator : MD\SY
Sample : VN0907WBSD01
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QLast Update : Wed Aug 29 01:38:44 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

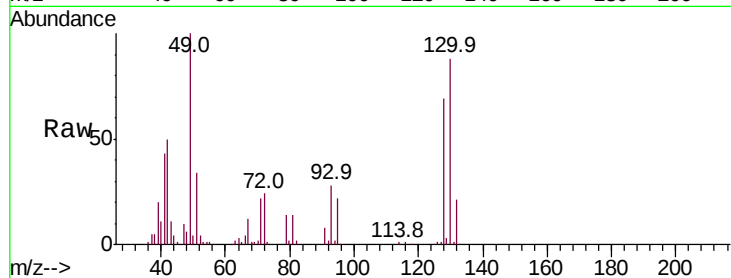
Tot Ion:128 Resp: 134604

Ion Ratio Lower Upper

128 100

49 148.8 0.0 380.3

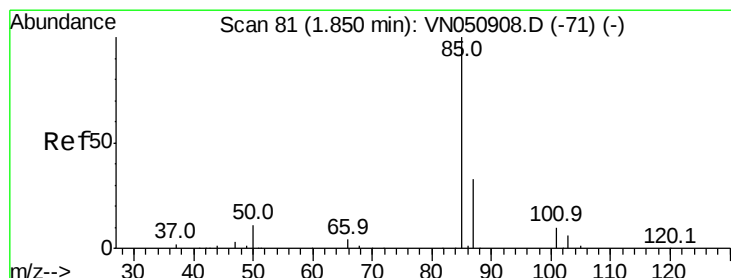
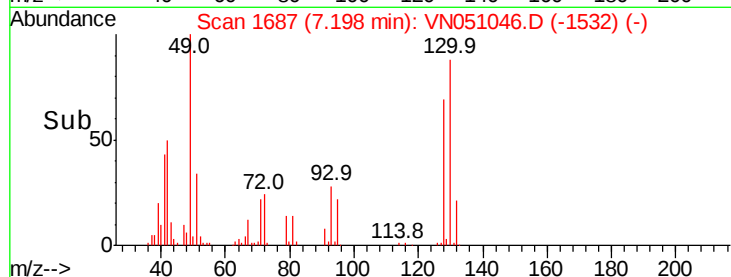
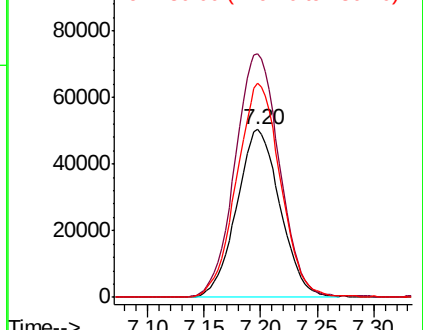
130 128.8 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 16.293 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051046.D

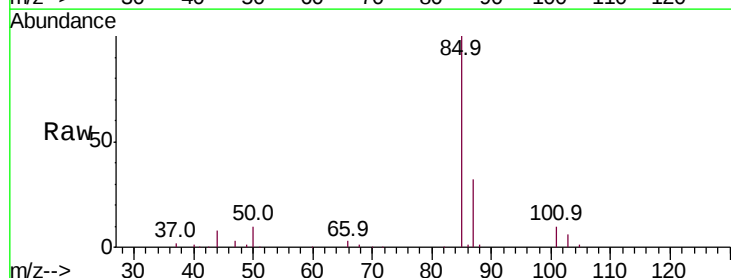
Acq: 7 Sep 2018 10:50

Tgt Ion: 85 Resp: 136198

Ion Ratio Lower Upper

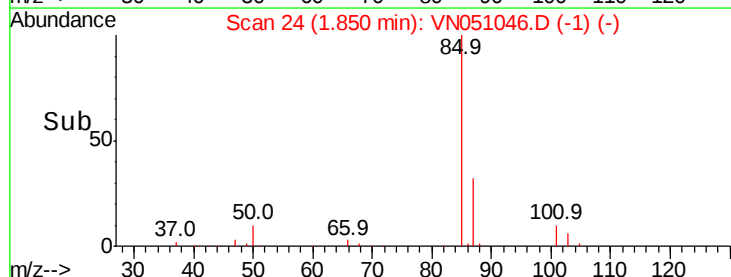
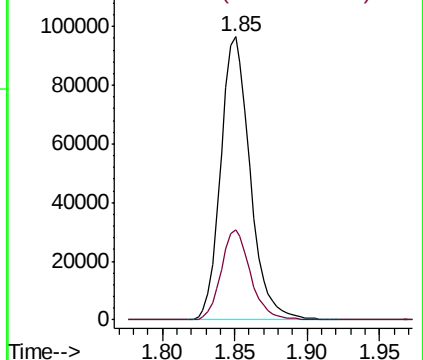
85 100

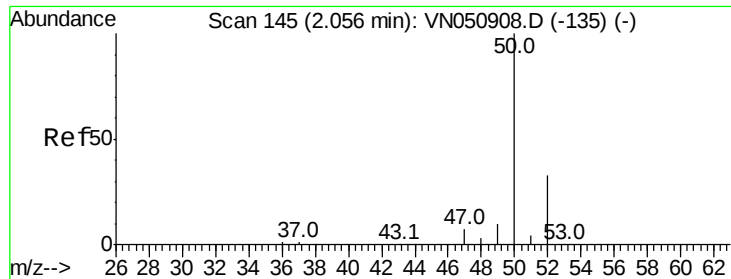
87 31.9 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 16.579 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

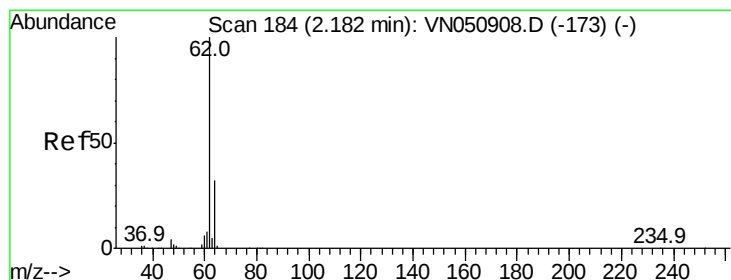
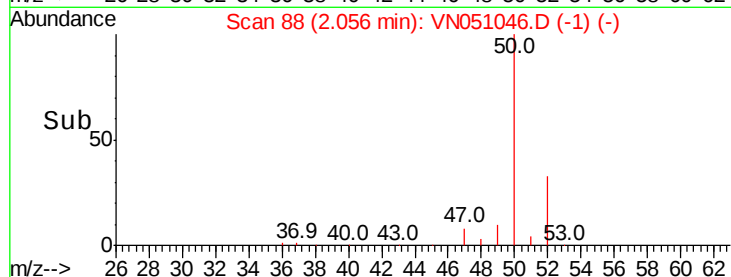
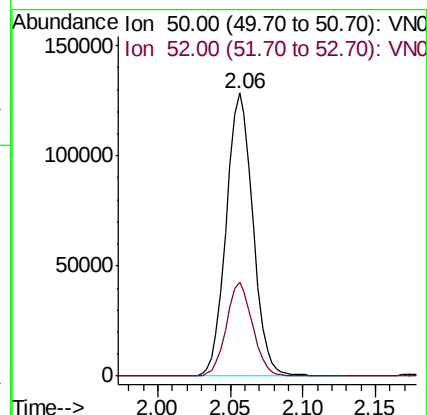
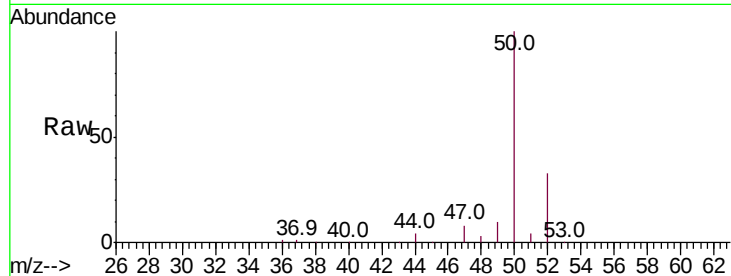
VN0907WBSD01

Tot Ion: 50 Resp: 163651

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.4



#4

Vinyl Chloride

Concen: 16.553 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN051046.D

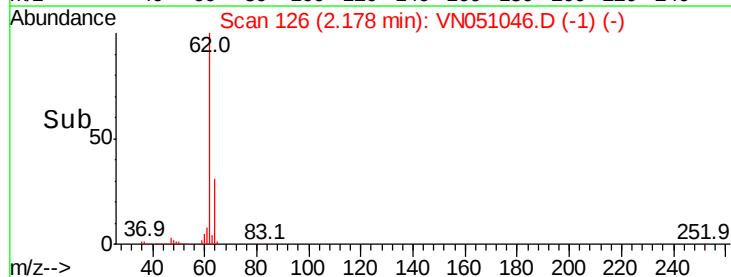
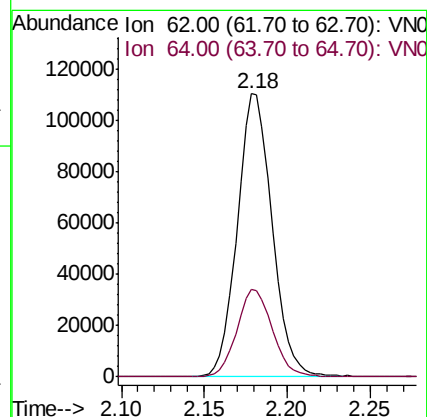
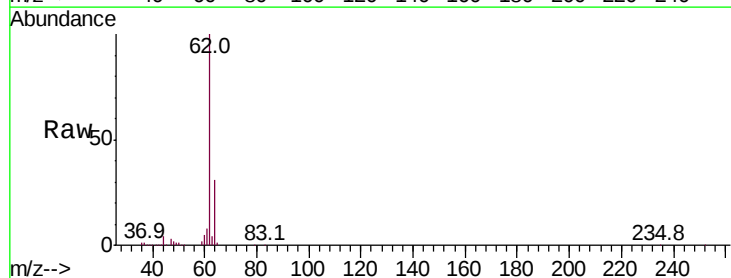
Acq: 7 Sep 2018 10:50

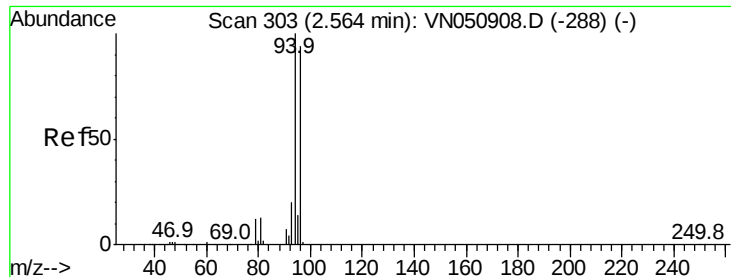
Tgt Ion: 62 Resp: 161441

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.0





#5

Bromomethane

Concen: 21.460 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

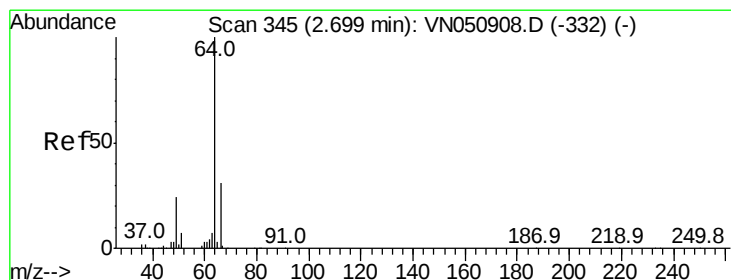
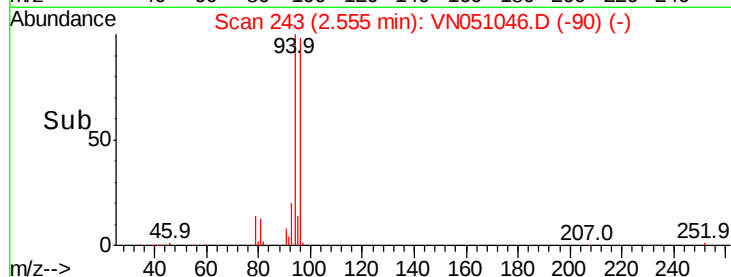
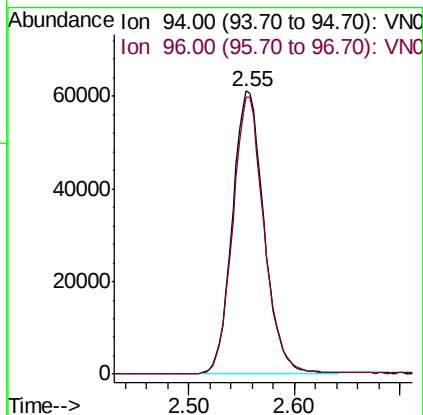
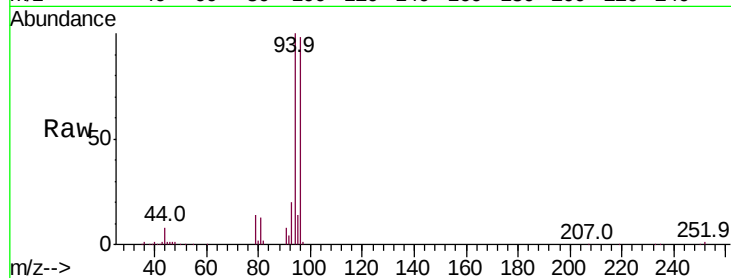
VN0907WBSD01

Tot Ion: 94 Resp: 127577

Ion Ratio Lower Upper

94 100

96 98.0 74.9 112.3



#6

Chloroethane

Concen: 16.864 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN051046.D

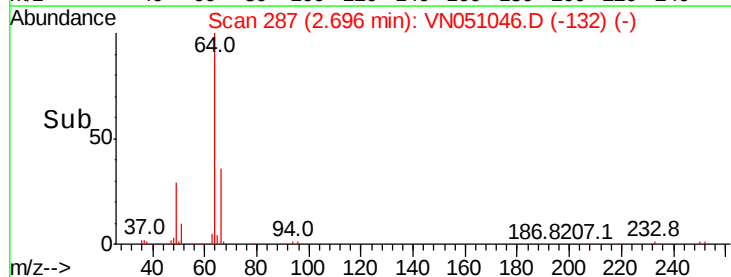
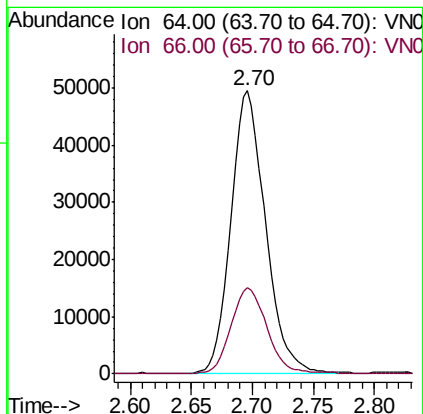
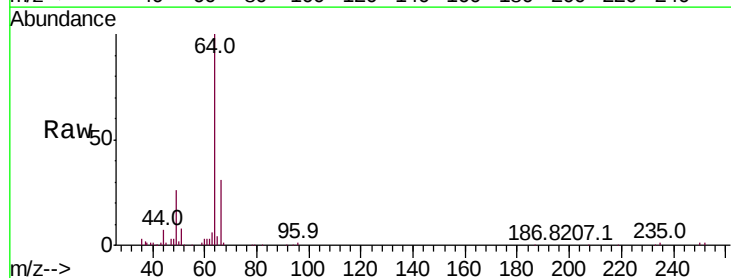
Acq: 7 Sep 2018 10:50

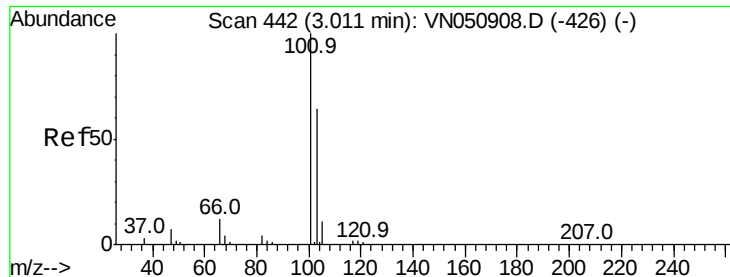
Tgt Ion: 64 Resp: 97014

Ion Ratio Lower Upper

64 100

66 30.7 24.5 36.7



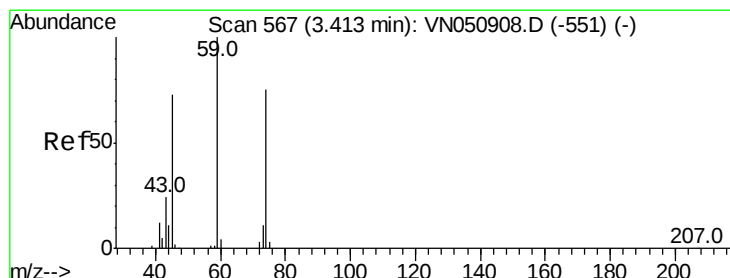
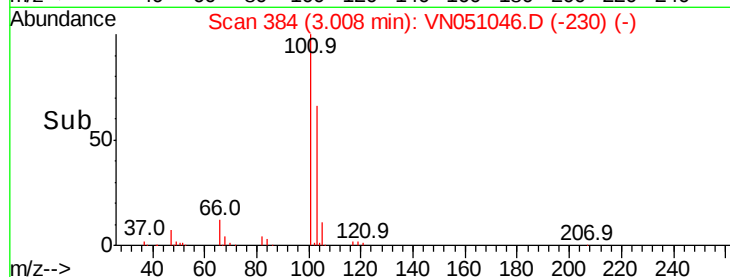
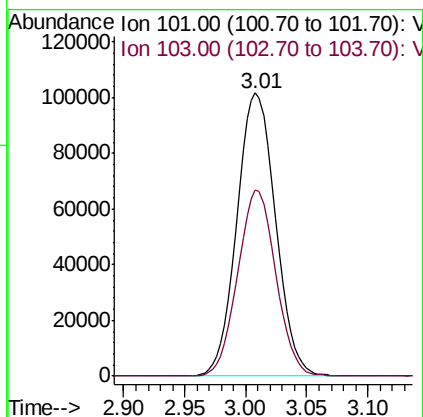
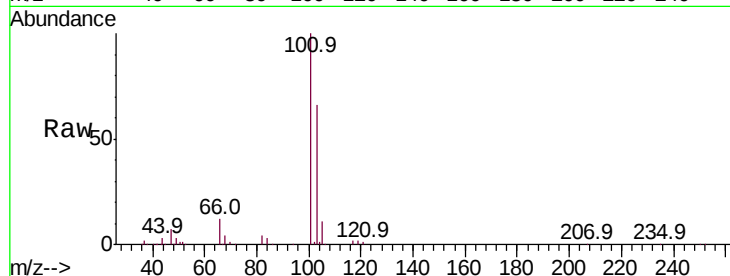


#7

Trichlorofluoromethane
 Concen: 17.255 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

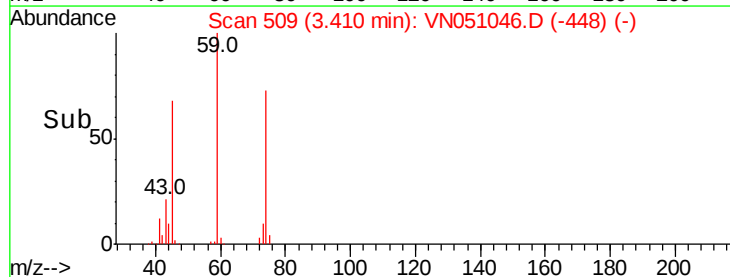
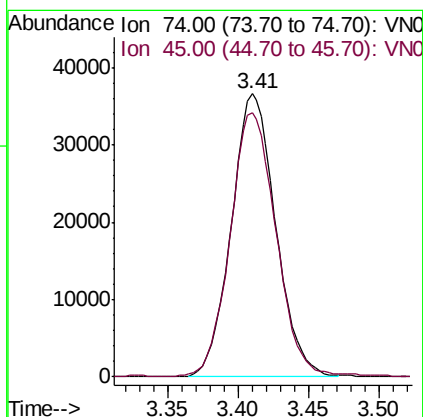
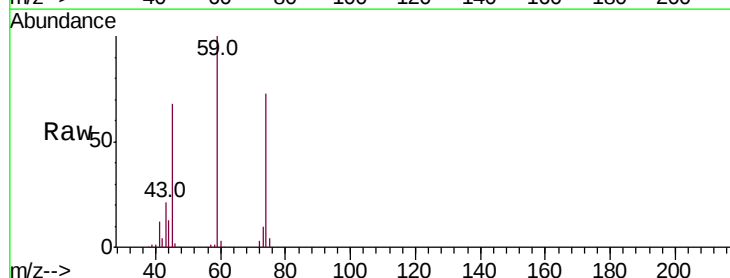
Tot Ion:101 Resp: 223096
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.3 76.9

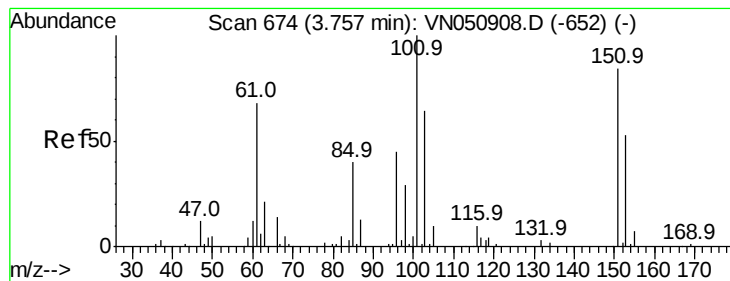


#8

Diethyl Ether
 Concen: 17.658 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Tgt Ion: 74 Resp: 80497
 Ion Ratio Lower Upper
 74 100
 45 96.9 19.7 177.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.134 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

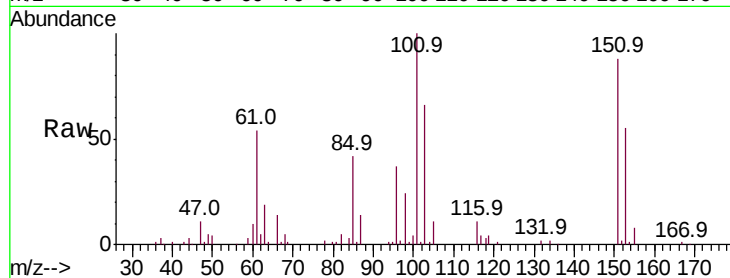
Tot Ion:101 Resp: 137187

Ion Ratio Lower Upper

101 100

85 42.1 0.0 83.6

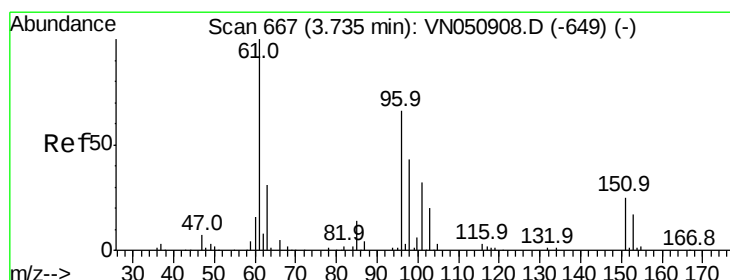
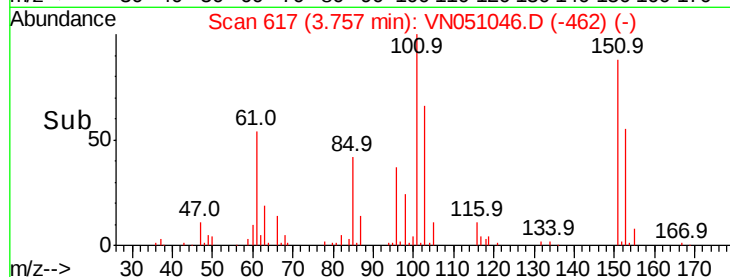
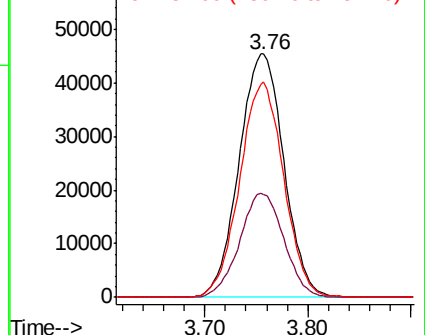
151 86.7 0.0 167.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.939 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

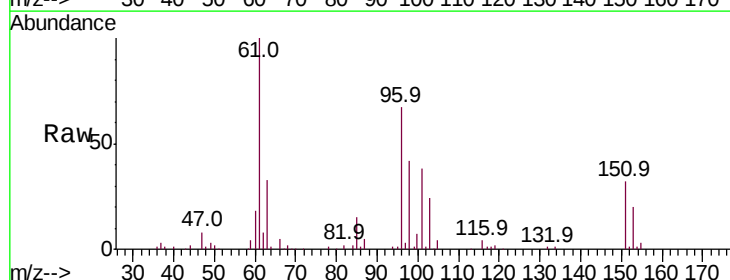
Tgt Ion: 96 Resp: 123199

Ion Ratio Lower Upper

96 100

61 149.2 121.8 182.8

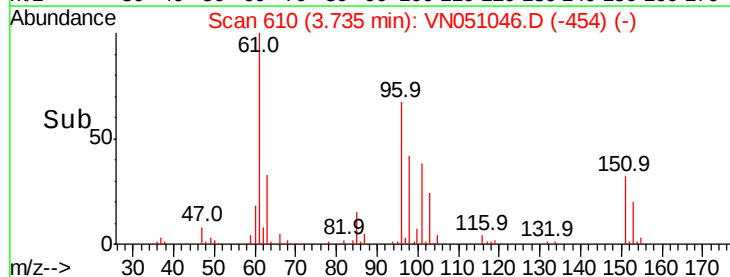
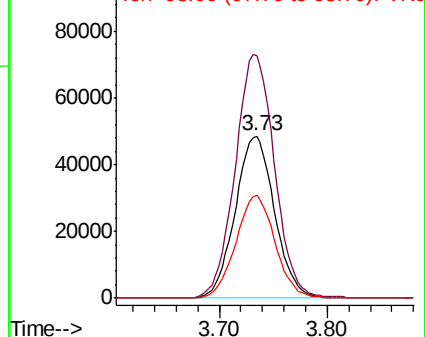
98 63.3 52.3 78.5

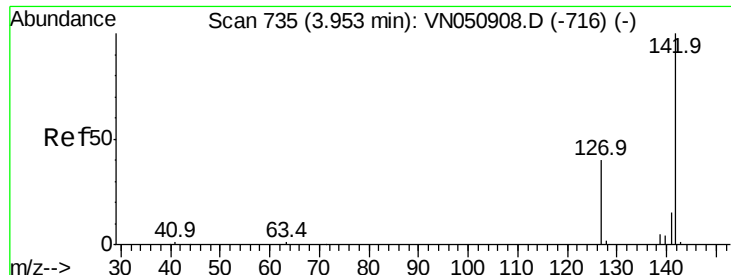


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

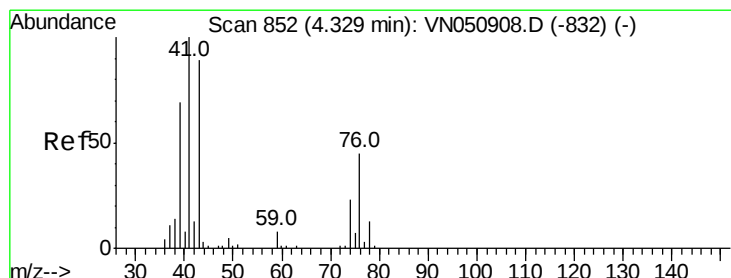
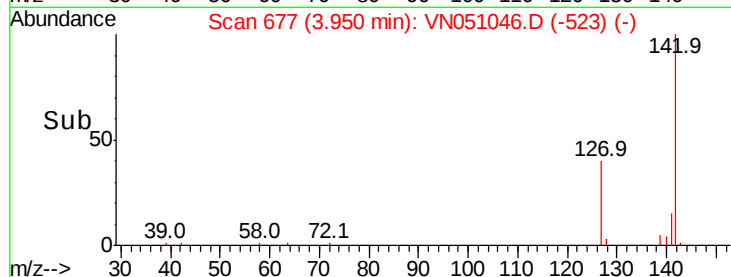
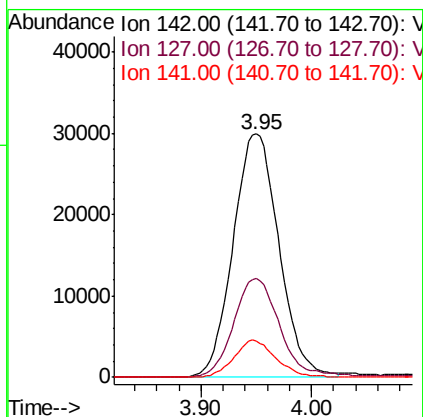
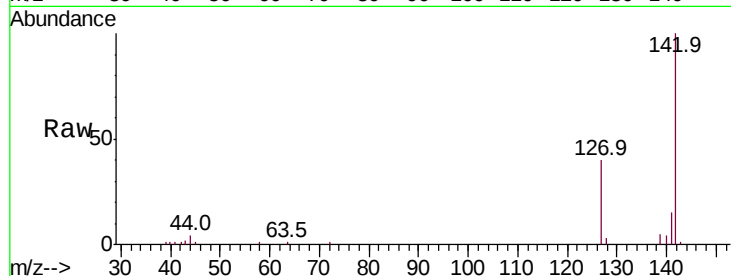




#11
Methvl Iodide
Concen: 12.717 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

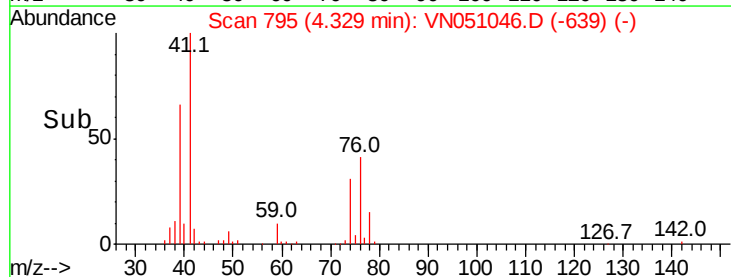
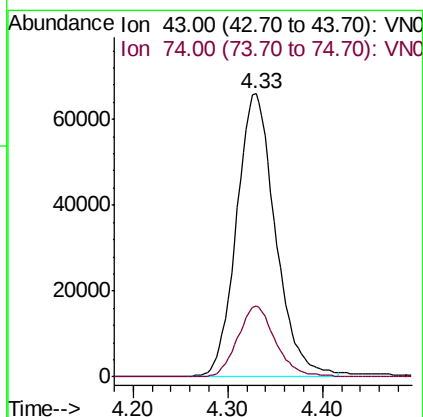
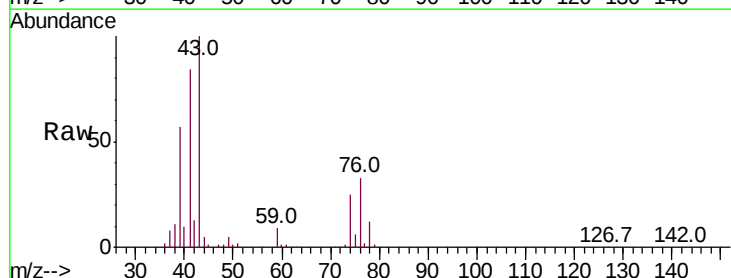
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

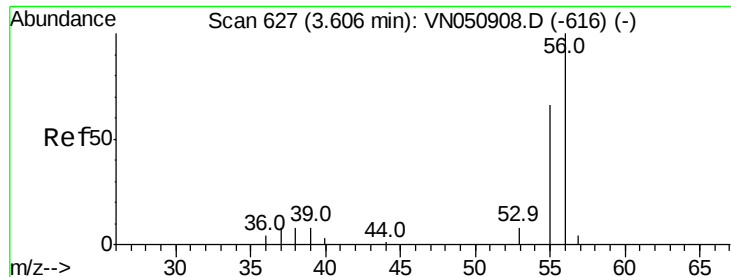
Tot Ion:142 Resp: 86300
Ion Ratio Lower Upper
142 100
127 40.0 19.7 59.1
141 15.1 7.3 22.0



#12
Methyl Acetate
Concen: 22.497 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 43 Resp: 189207
Ion Ratio Lower Upper
43 100
74 25.3 20.6 31.0

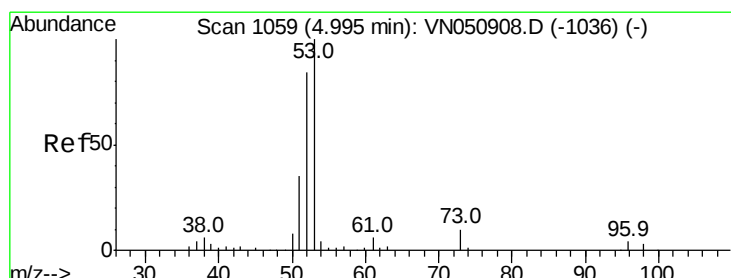
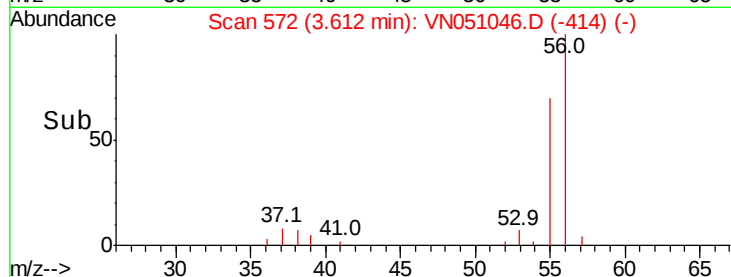
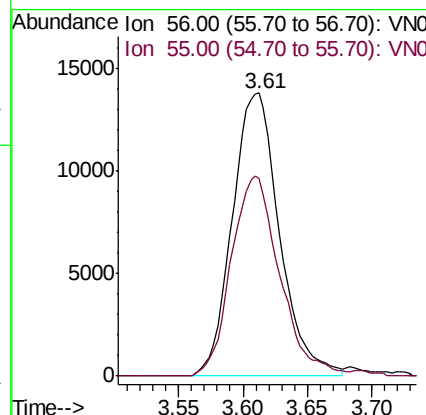
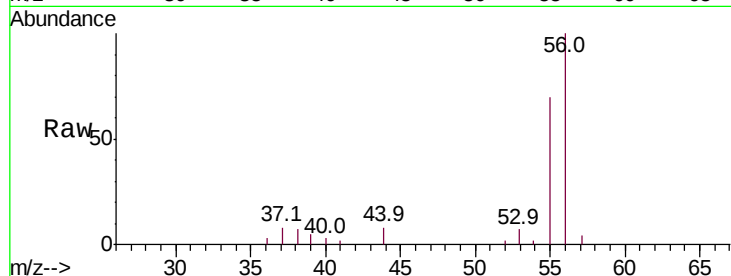




#13
Acrolein
Concen: 188.803 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

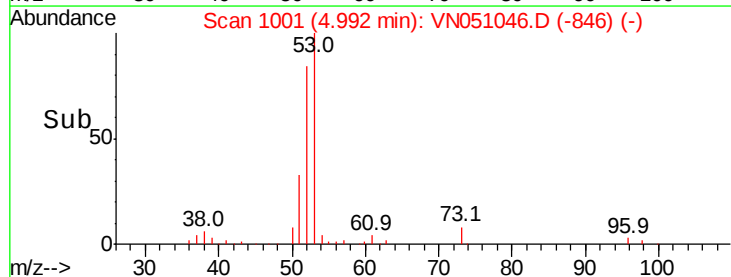
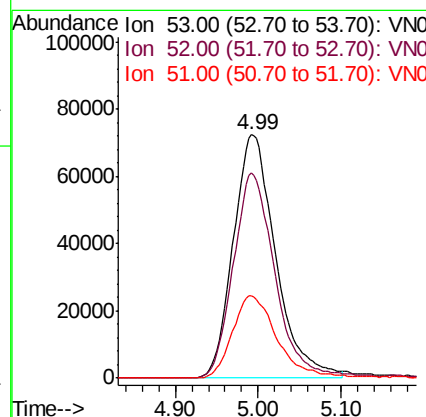
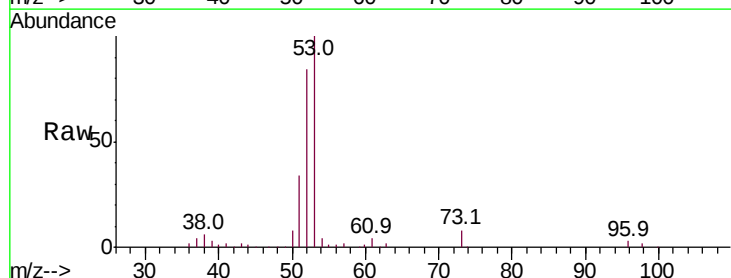
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

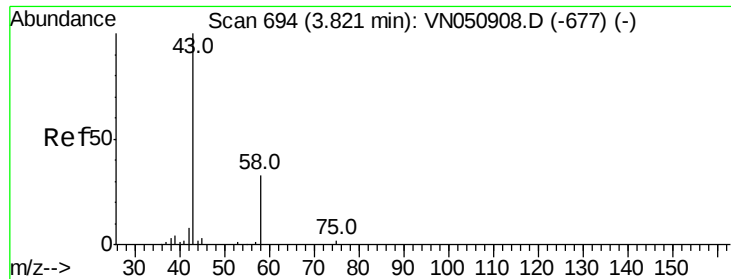
Tot Ion: 56 Resp: 35161
Ion Ratio Lower Upper
56 100
55 72.4 59.1 88.7



#14
Acrylonitrile
Concen: 90.534 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 53 Resp: 257440
Ion Ratio Lower Upper
53 100
52 82.6 42.2 126.6
51 35.8 17.7 53.1





#15

Acetone

Concen: 90.909 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

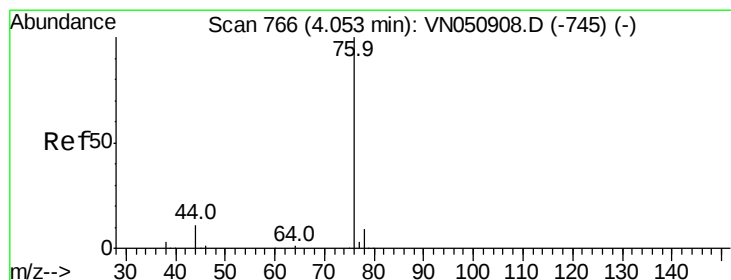
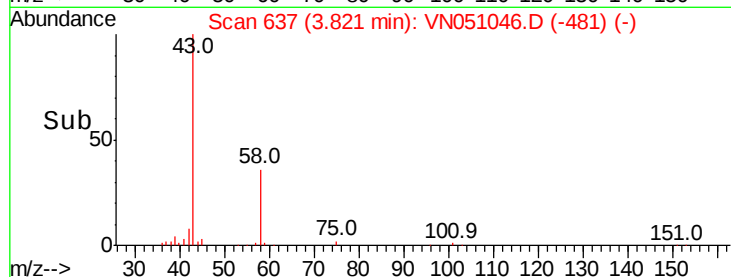
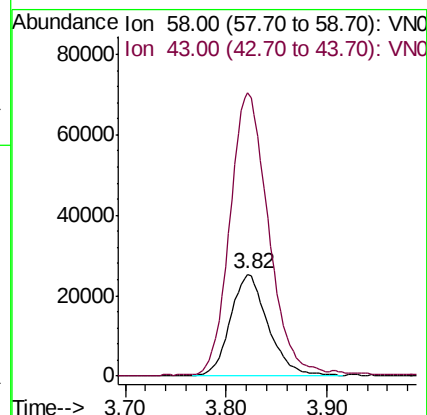
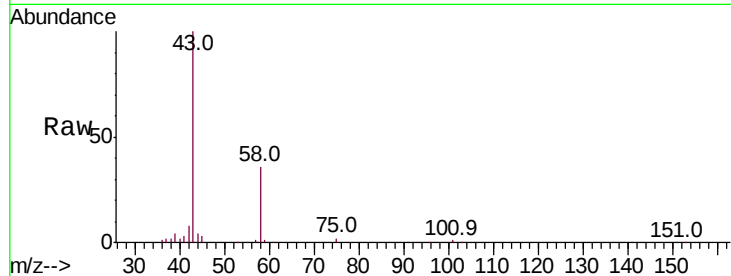
VN0907WBSD01

Tot Ion: 58 Resp: 66150

Ion Ratio Lower Upper

58 100

43 277.3 239.4 359.0



#16

Carbon Disulfide

Concen: 15.548 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN051046.D

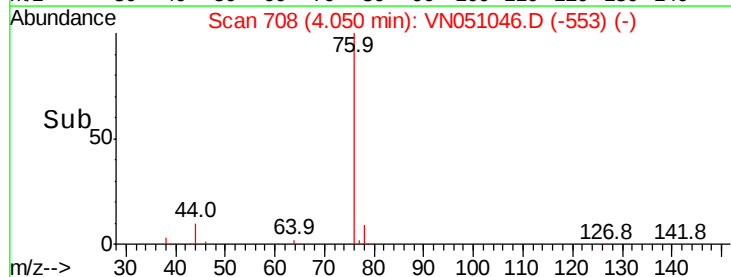
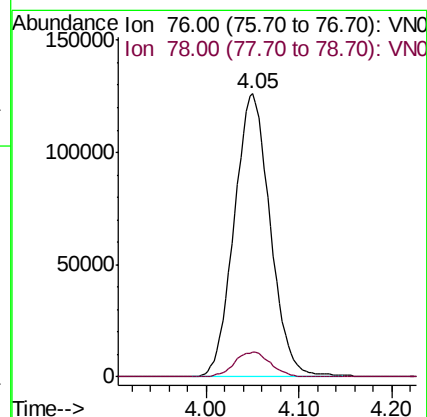
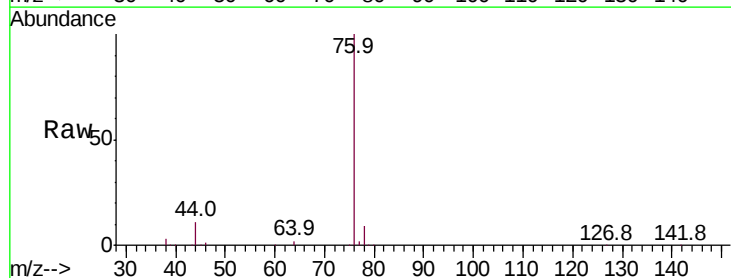
Acq: 7 Sep 2018 10:50

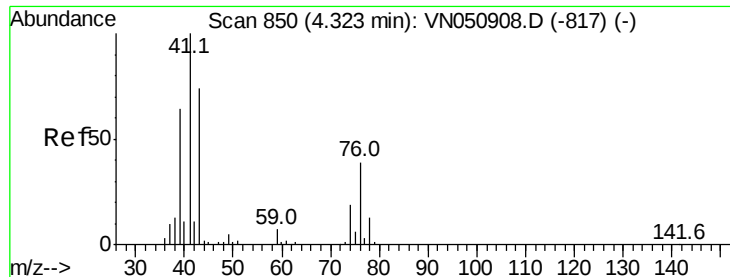
Tgt Ion: 76 Resp: 340015

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

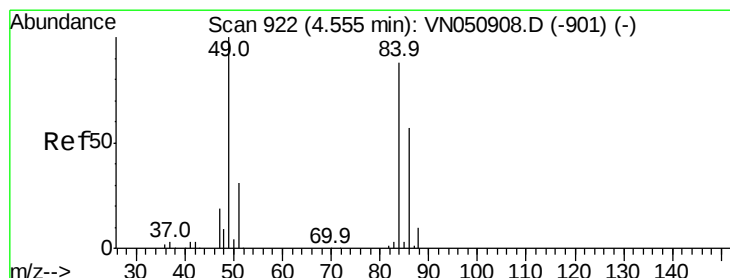
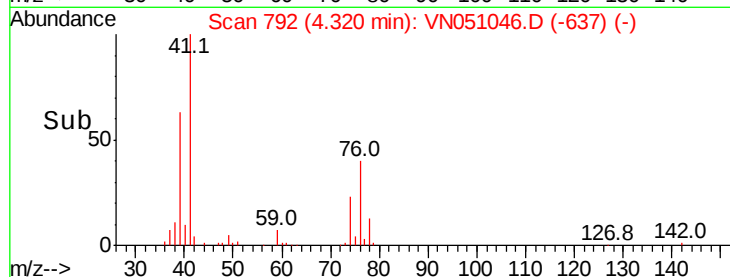
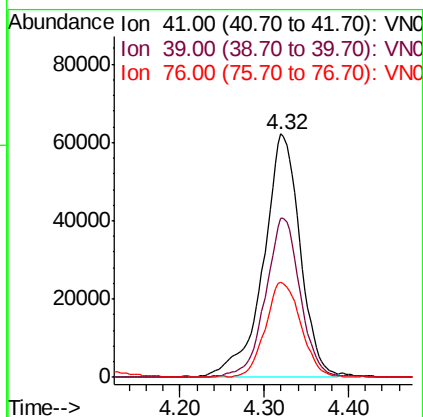
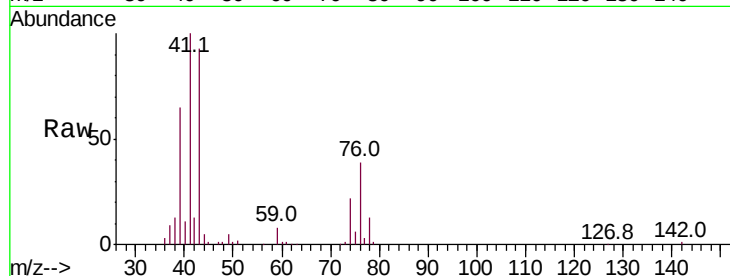




#17
Allvl chloride
Concen: 16.380 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

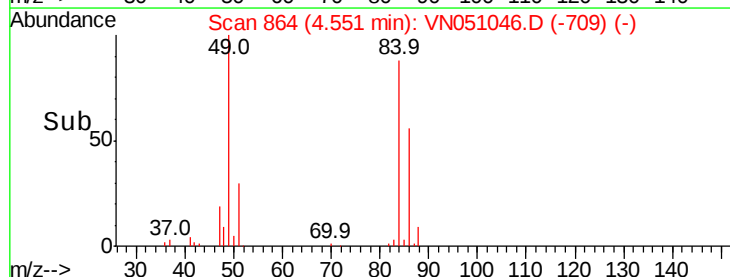
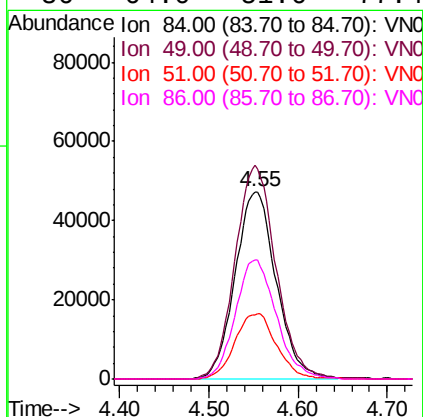
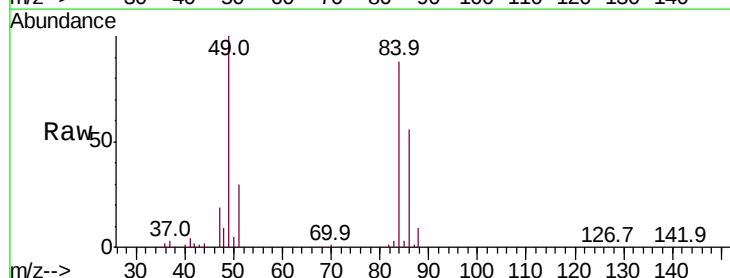
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

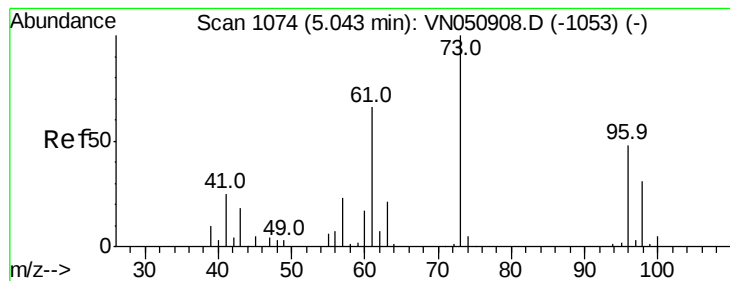
Tot Ion: 41 Resp: 187451
Ion Ratio Lower Upper
41 100
39 65.3 32.2 96.6
76 38.7 19.6 58.7



#18
Methylene Chloride
Concen: 17.755 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 84 Resp: 151576
Ion Ratio Lower Upper
84 100
49 114.2 90.6 135.8
51 34.4 28.4 42.6
86 64.0 51.6 77.4





#19

trans-1,2-Dichloroethene

Concen: 16.672 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

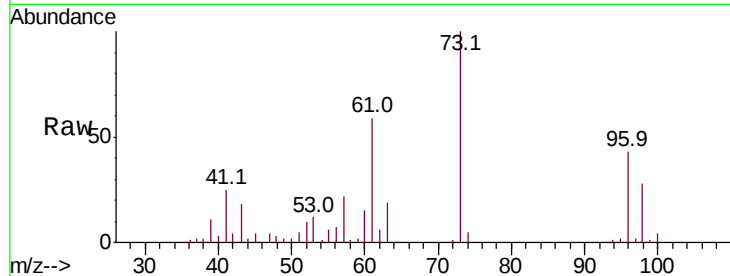
Tot Ion: 96 Resp: 129196

Ion Ratio Lower Upper

96 100

61 137.7 109.5 164.3

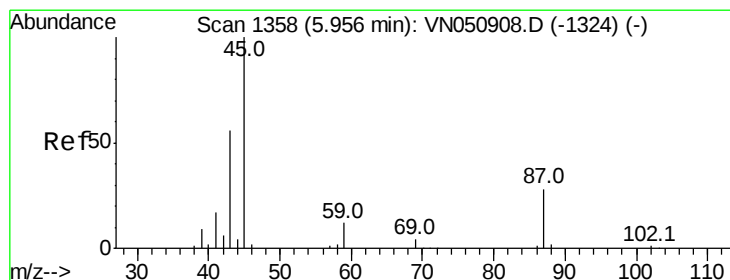
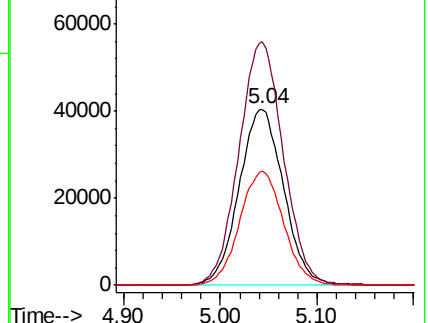
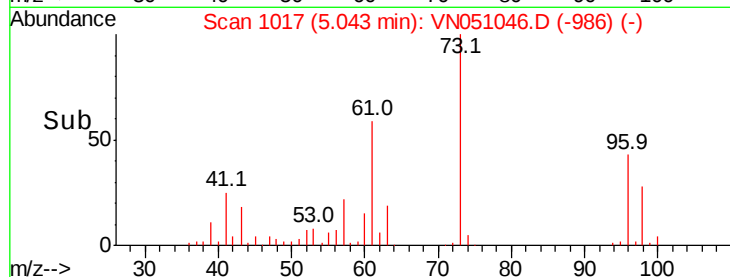
98 64.8 51.9 77.9



Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 17.881 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Tgt Ion: 45 Resp: 424770

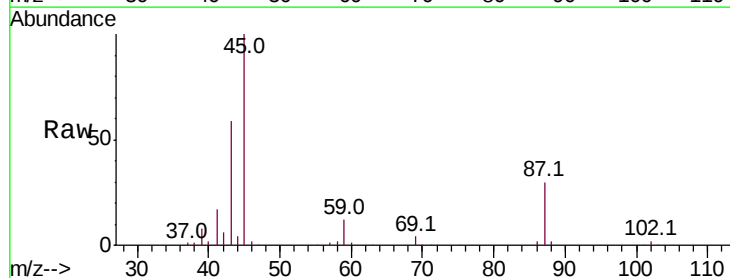
Ion Ratio Lower Upper

45 100

43 56.8 47.0 70.6

87 29.6 22.8 34.2

59 11.6 9.5 14.3

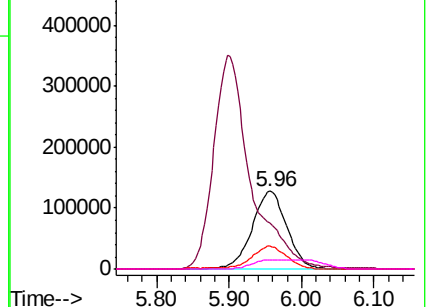
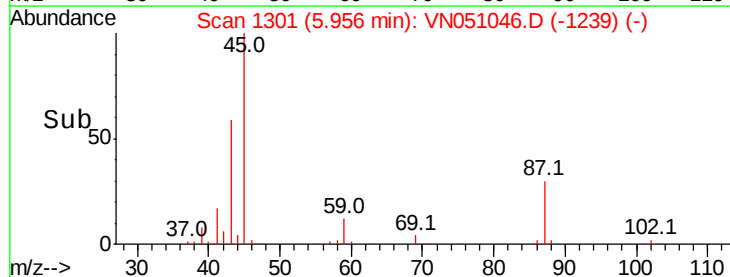


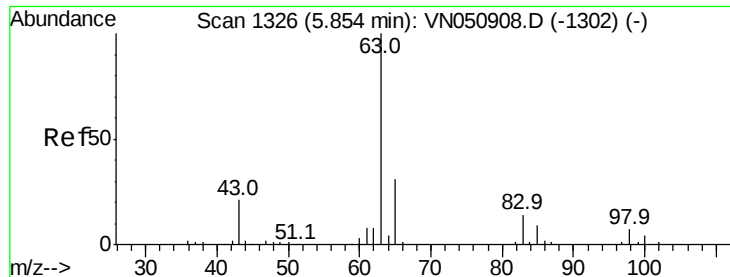
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

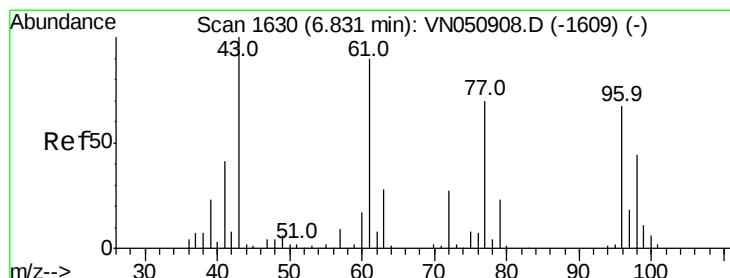
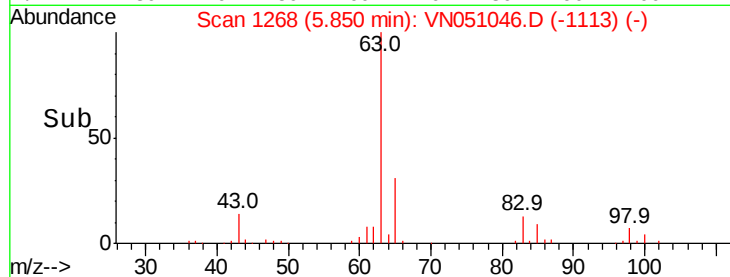
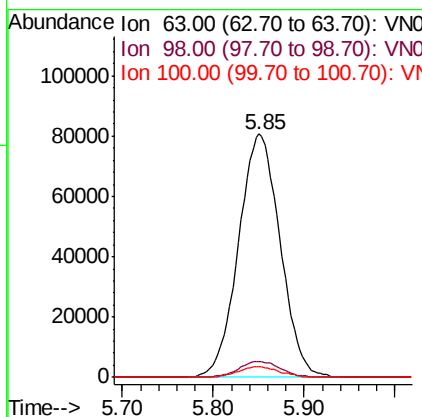
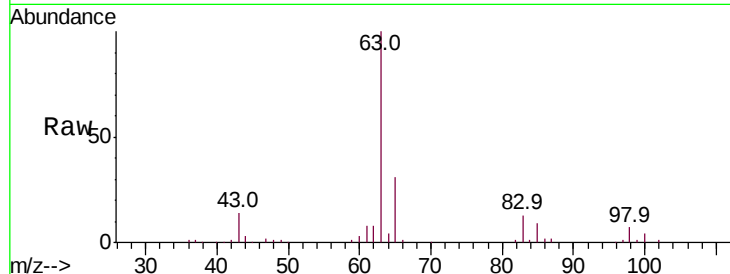




#21
 1,1-Dichloroethane
 Concen: 17.599 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

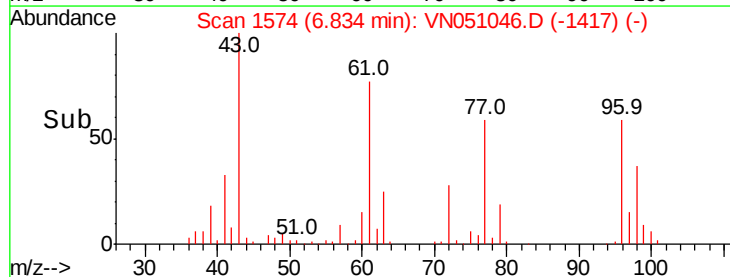
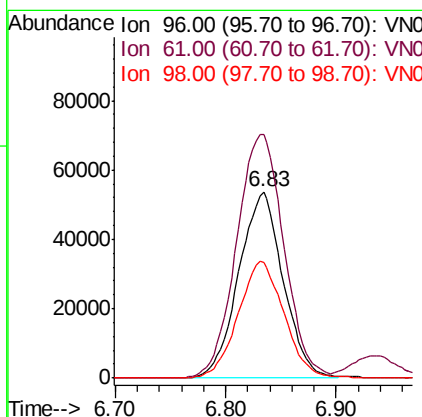
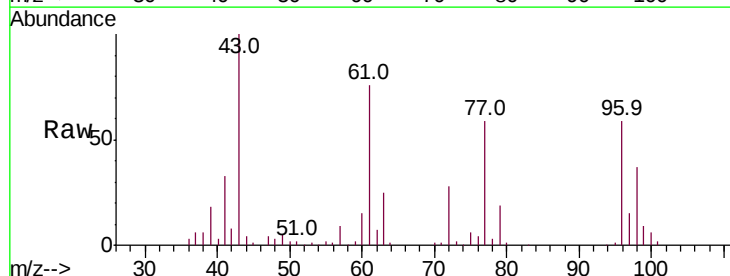
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

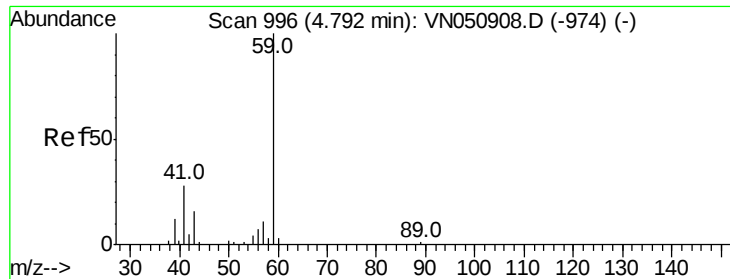
Tot Ion: 63 Resp: 256321
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.4 2.0 6.0



#22
 cis-1,2-Dichloroethene
 Concen: 17.086 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Tgt Ion: 96 Resp: 149566
 Ion Ratio Lower Upper
 96 100
 61 139.6 110.0 165.0
 98 64.9 51.7 77.5





#23

tert-Butyl Alcohol

Concen: 96.886 ug/l

RT: 4.79 min Scan# 939

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

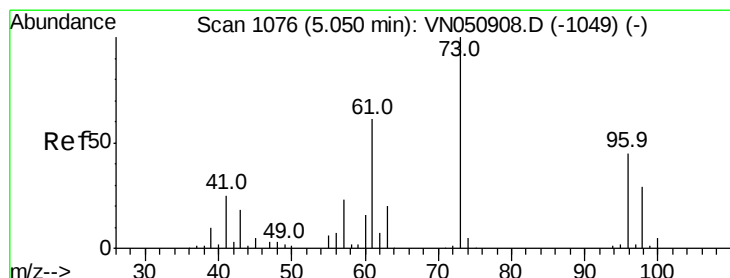
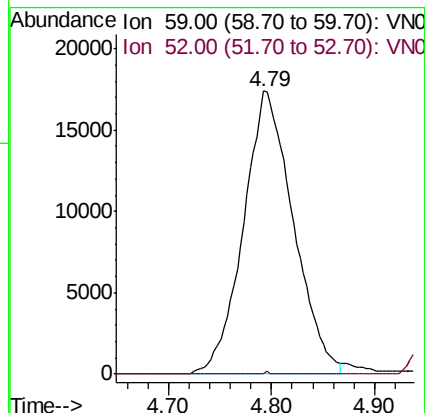
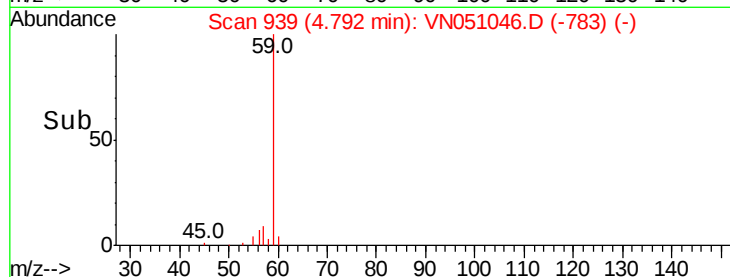
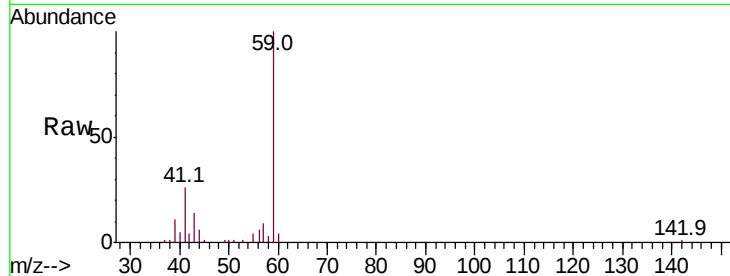
VN0907WBSD01

Tot Ion: 59 Resp: 58591

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 18.008 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN051046.D

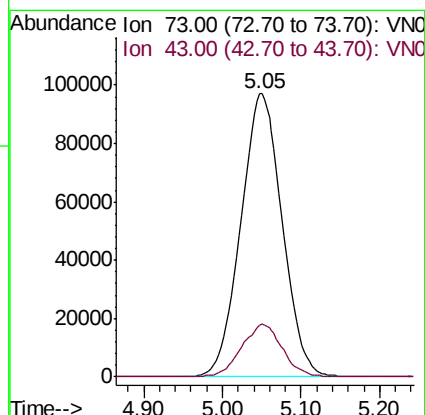
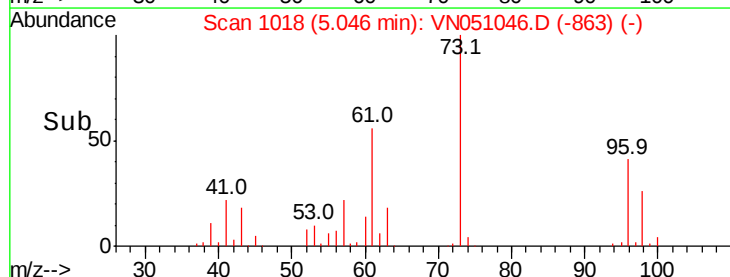
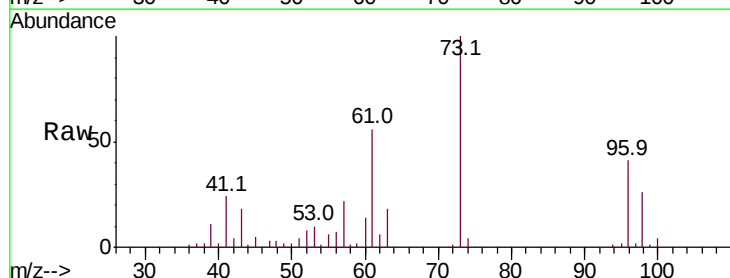
Acq: 7 Sep 2018 10:50

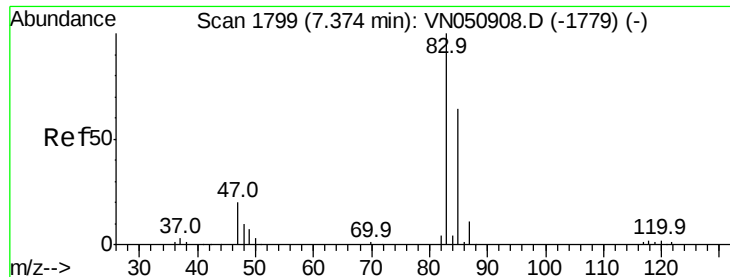
Tgt Ion: 73 Resp: 358238

Ion Ratio Lower Upper

73 100

43 18.1 14.4 21.6

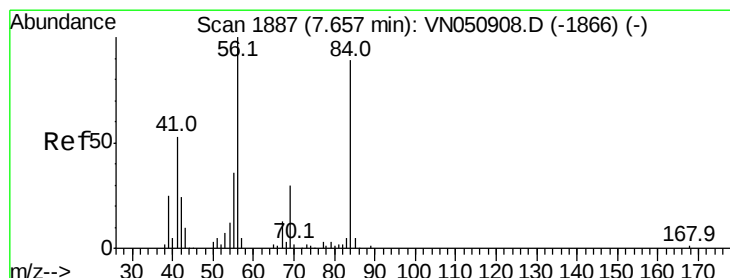
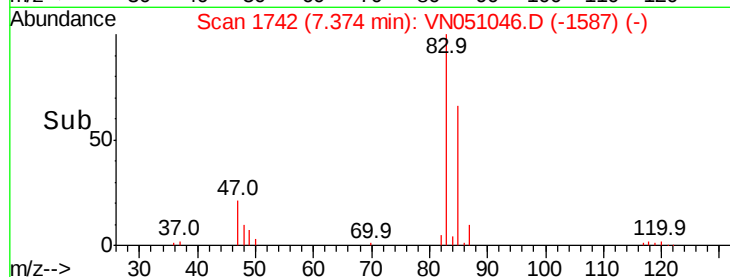
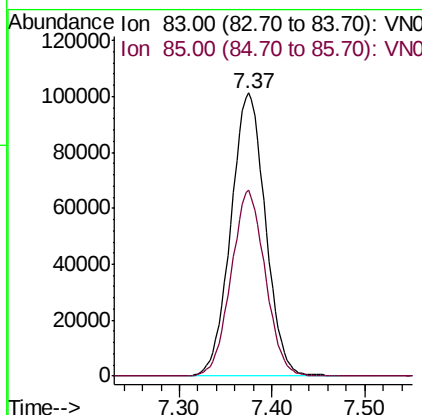
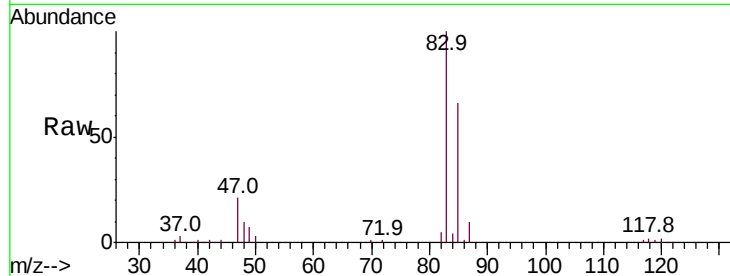




#25
Chloroform
Concen: 17.972 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

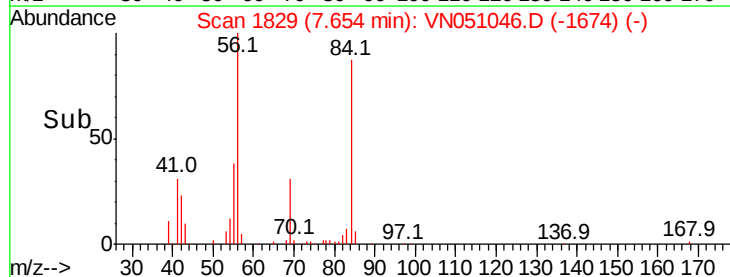
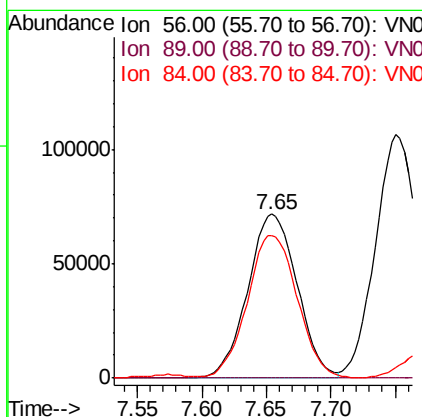
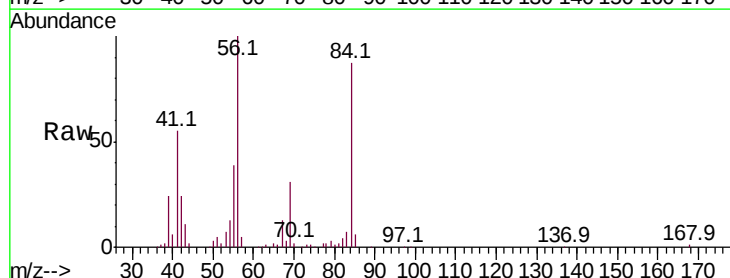
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

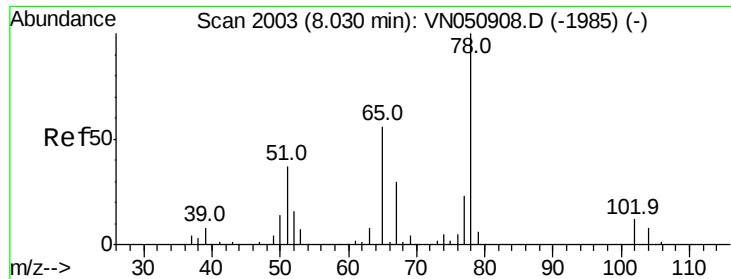
Tot Ion: 83 Resp: 261257
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.0



#26
Cyclohexane
Concen: 15.863 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 56 Resp: 191426
Ion Ratio Lower Upper
56 100
89 0.2 0.4 0.6#
84 88.3 70.4 105.6





#27

1,2-Dichloroethane-d4

Concen: 29.253 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

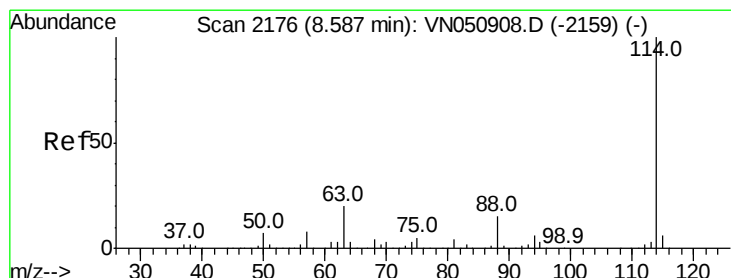
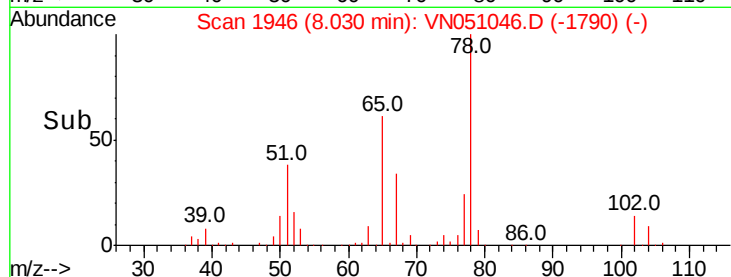
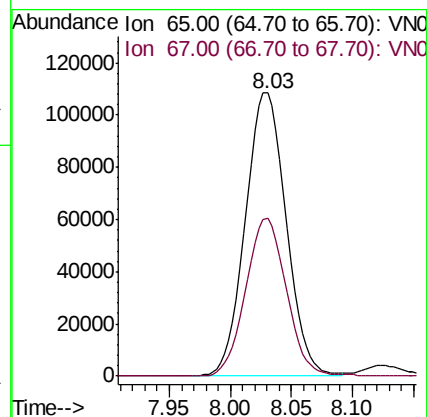
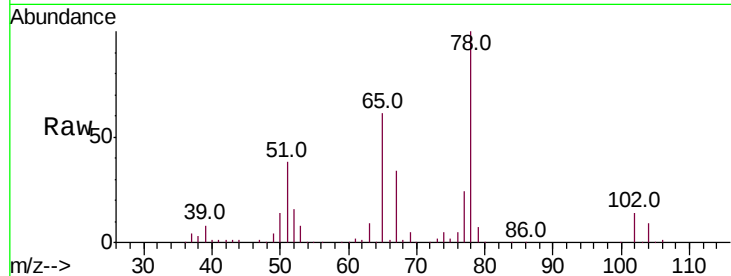
VN0907WBSD01

Tot Ion: 65 Resp: 251269

Ion Ratio Lower Upper

65 100

67 55.5 43.7 65.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

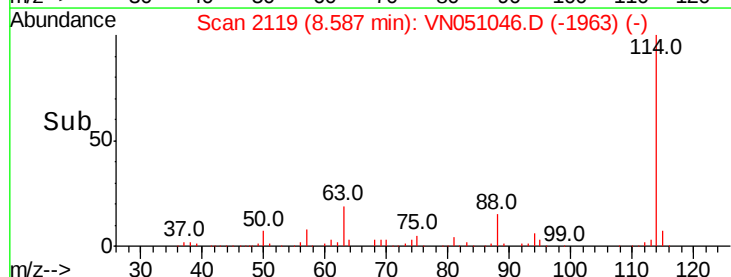
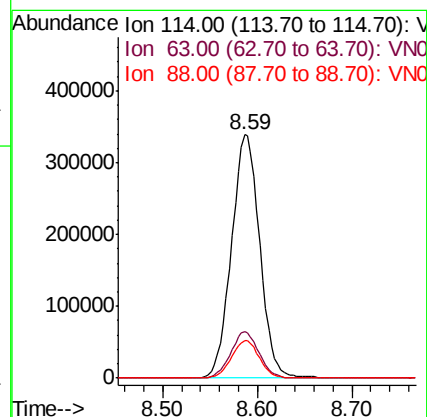
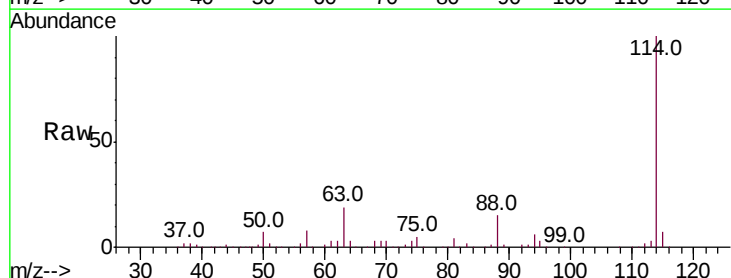
Tgt Ion: 114 Resp: 704159

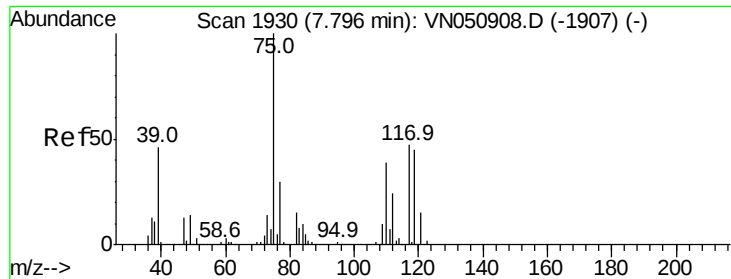
Ion Ratio Lower Upper

114 100

63 19.0 15.6 23.4

88 15.3 12.2 18.4

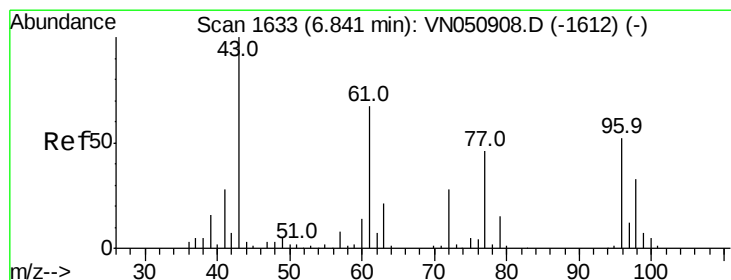
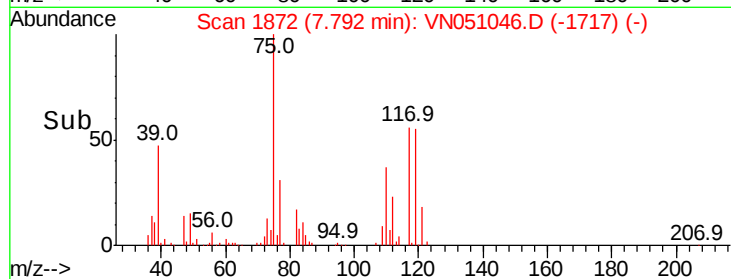
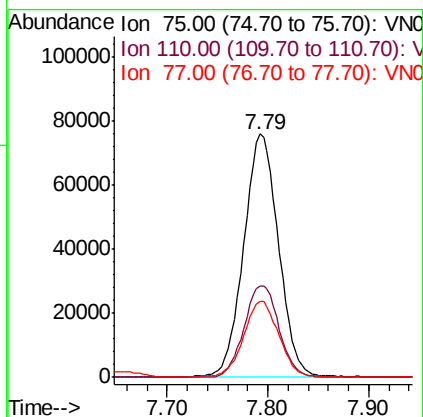
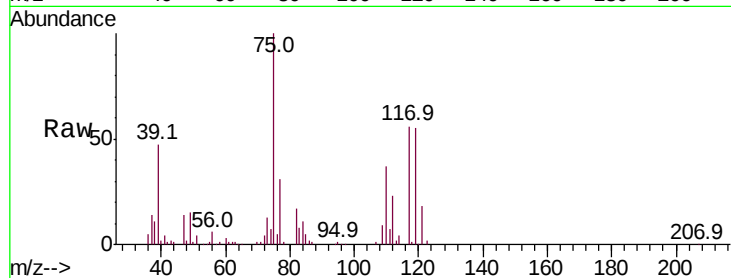




#29
 1,1-Dichloropropene
 Concen: 17.242 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

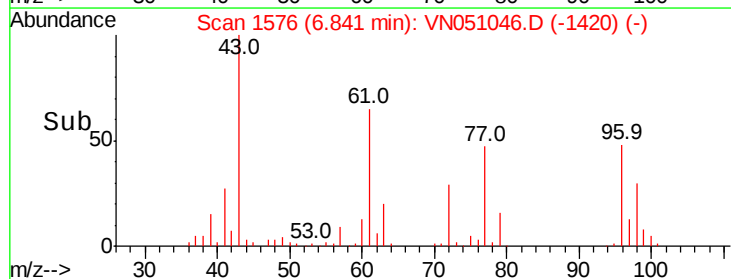
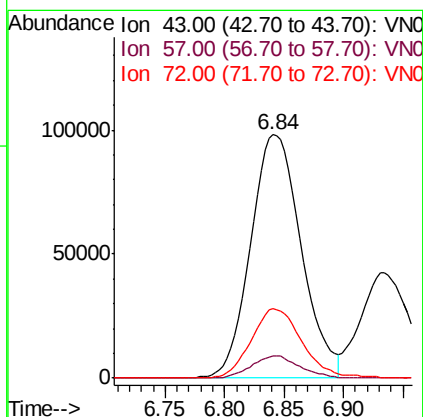
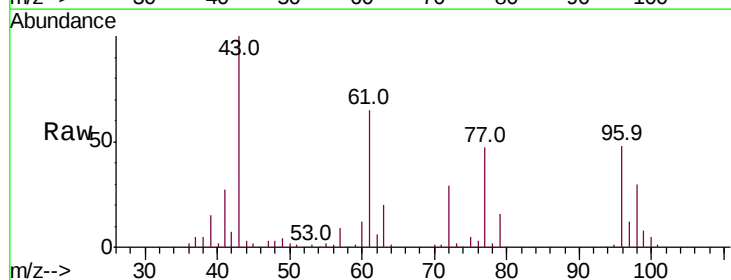
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

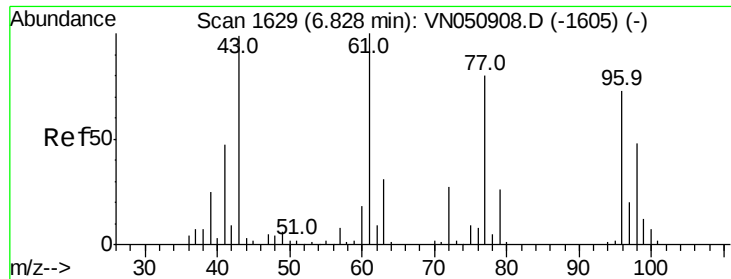
Tot Ion: 75 Resp: 181769
 Ion Ratio Lower Upper
 75 100
 110 37.7 0.0 75.0
 77 31.1 0.0 60.6



#30
 2-Butanone
 Concen: 88.810 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Tgt Ion: 43 Resp: 288014
 Ion Ratio Lower Upper
 43 100
 57 8.7 6.9 10.3
 72 28.7 22.8 34.2

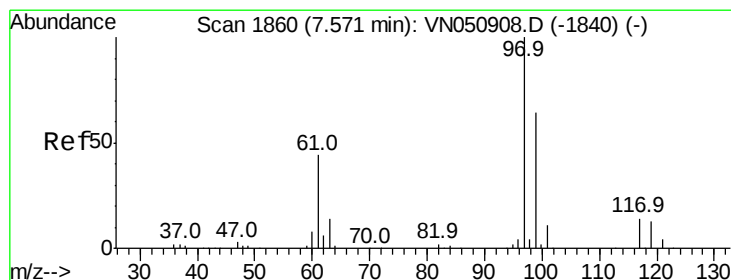
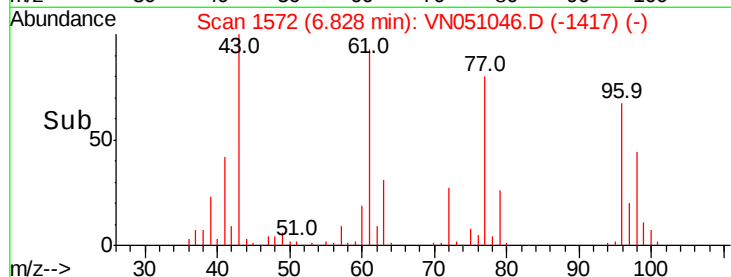
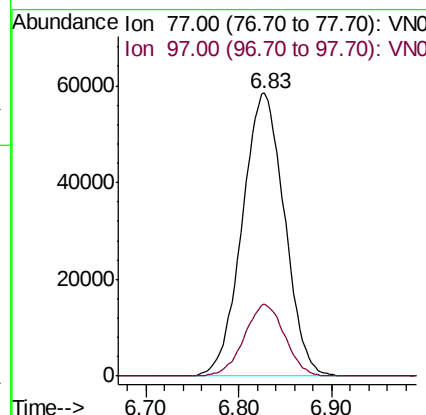
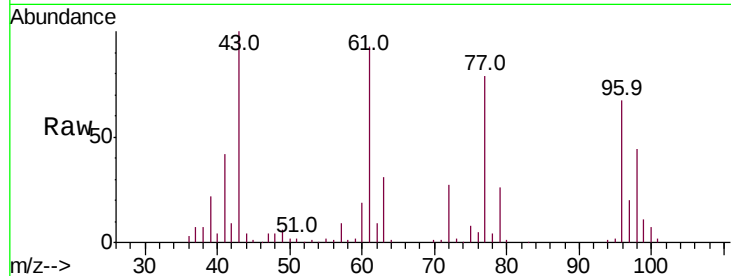




#31
 2,2-Dichloropropane
 Concen: 18.053 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

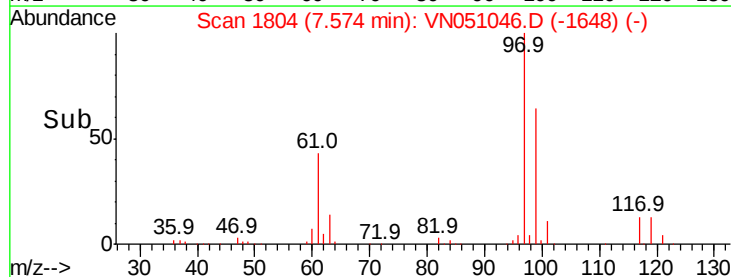
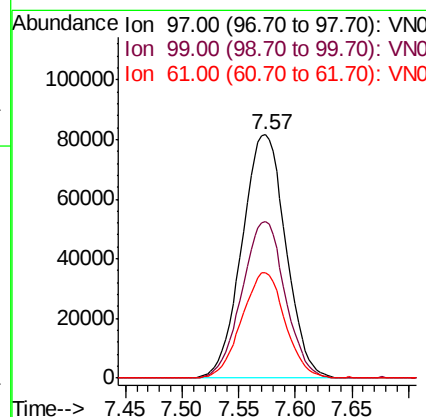
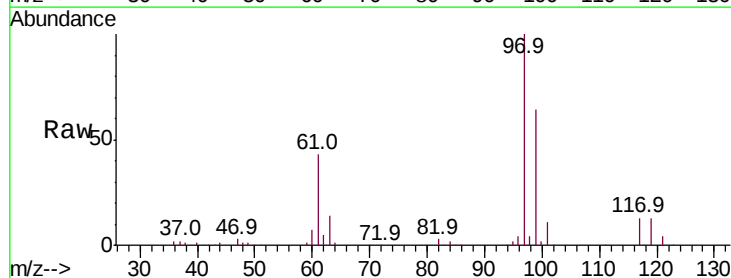
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

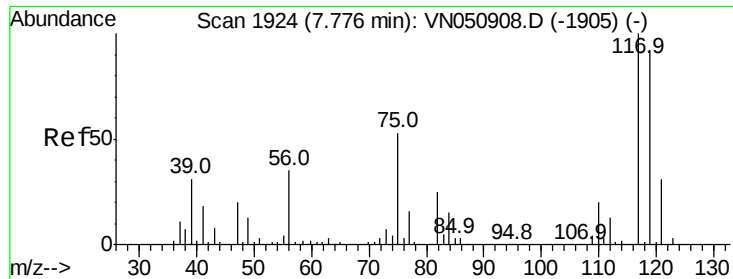
Tot Ion: 77 Resp: 185185
 Ion Ratio Lower Upper
 77 100
 97 24.3 20.2 30.2



#32
 1,1,1-Trichloroethane
 Concen: 18.390 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Tgt Ion: 97 Resp: 219846
 Ion Ratio Lower Upper
 97 100
 99 63.4 52.0 78.0
 61 42.8 35.0 52.6

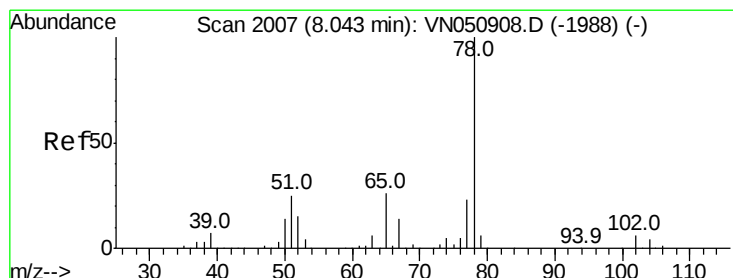
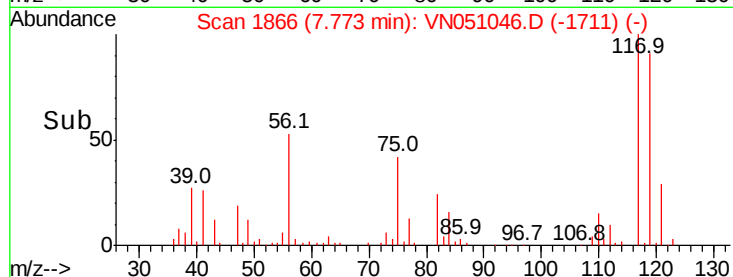
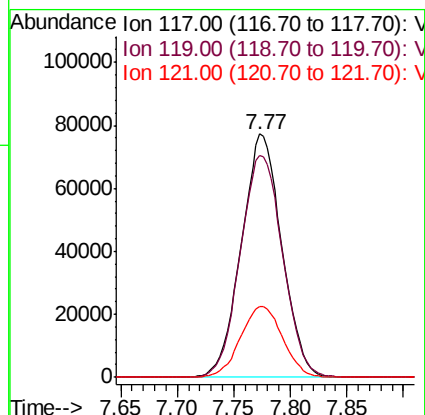
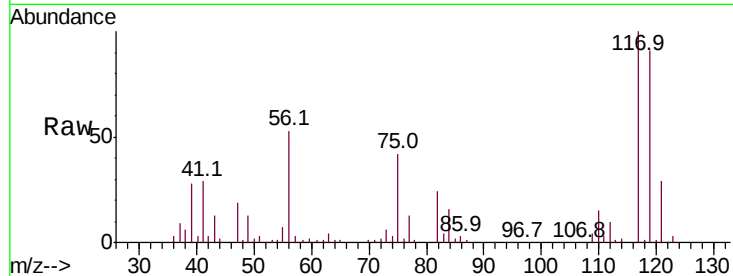




#33
Carbon Tetrachloride
Concen: 17.825 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

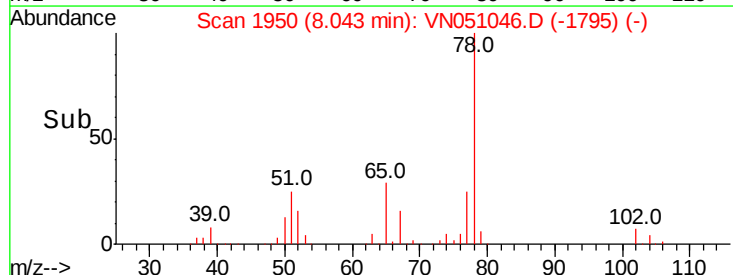
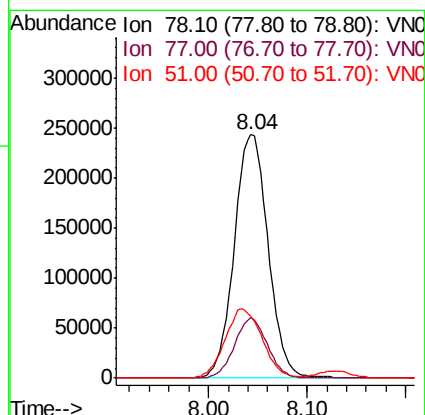
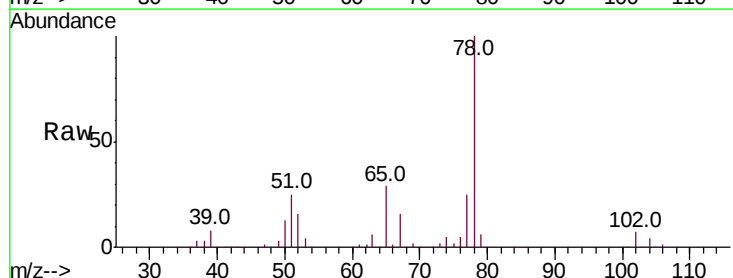
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

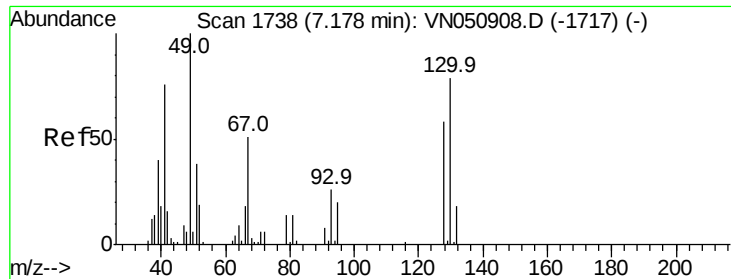
Tot Ion:117 Resp: 191900
Ion Ratio Lower Upper
117 100
119 91.4 73.5 110.3
121 29.2 24.6 37.0



#34
Benzene
Concen: 17.826 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 78 Resp: 581355
Ion Ratio Lower Upper
78 100
77 24.7 18.6 28.0
51 25.2 20.0 30.0

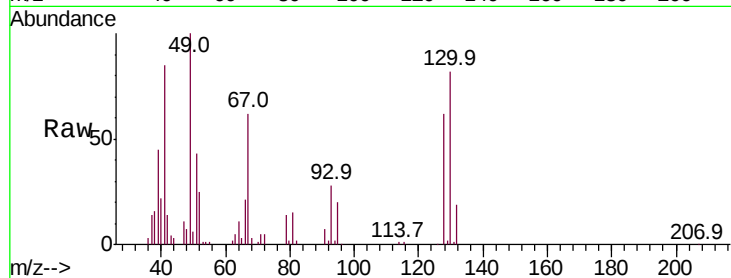




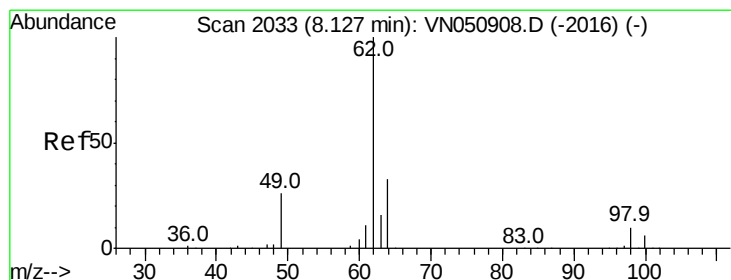
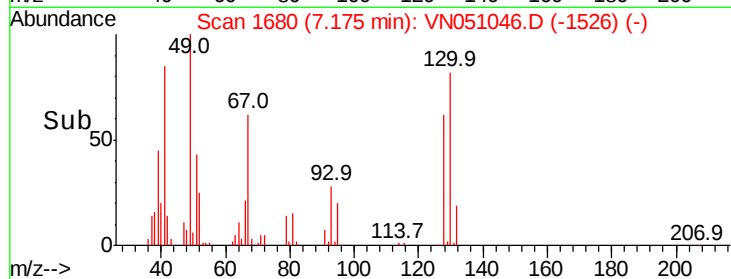
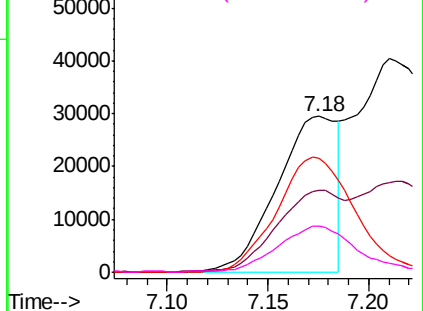
#35
Methacrylonitrile
Concen: 17.243 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tot Ion: 41 Resp: 61266
Ion Ratio Lower Upper
41 100
39 52.3 26.2 78.5
67 73.1 33.9 101.6
52 29.0 12.5 37.5

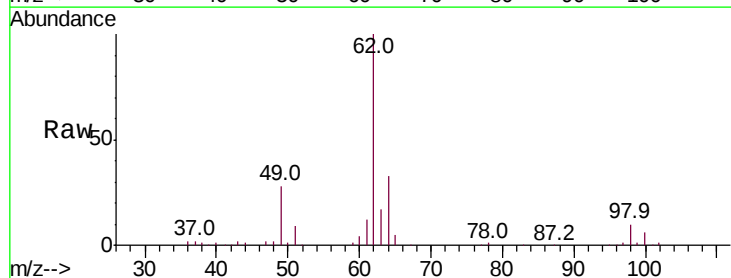


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

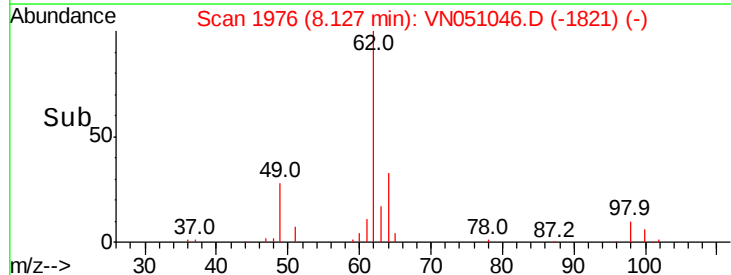
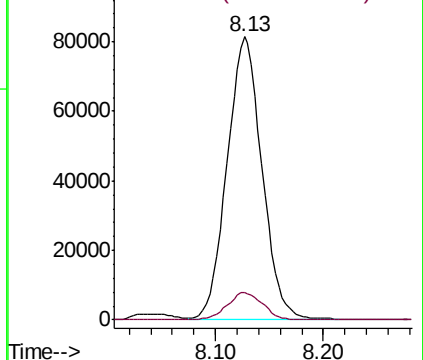


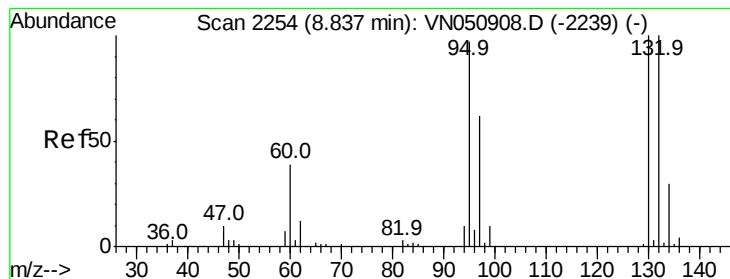
#36
1,2-Dichloroethane
Concen: 18.445 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 62 Resp: 181925
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC





#37

Trichloroethene

Concen: 17.609 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

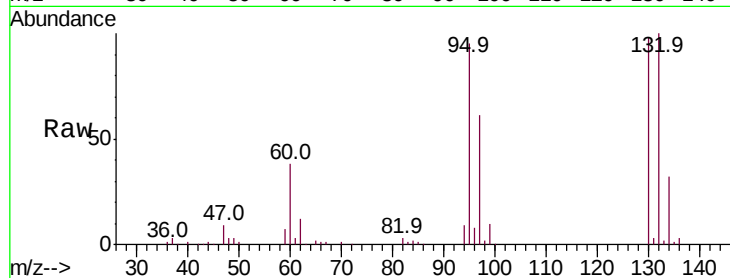
VN0907WBSD01

Tot Ion:130 Resp: 150094

Ion Ratio Lower Upper

130 100

95 96.1 77.4 116.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.84

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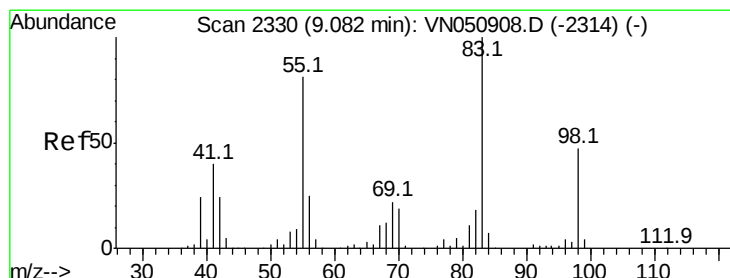
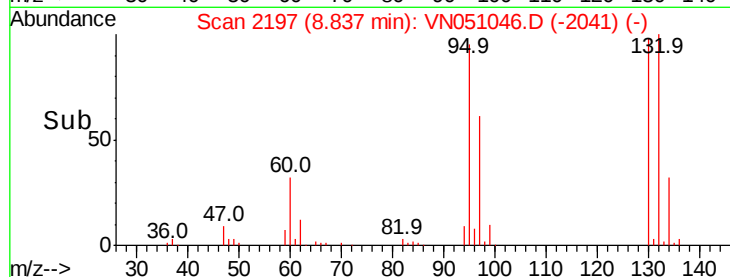
8.84

8.84

8.84

8.84

8.84



#38

Methylcyclohexane

Concen: 15.773 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

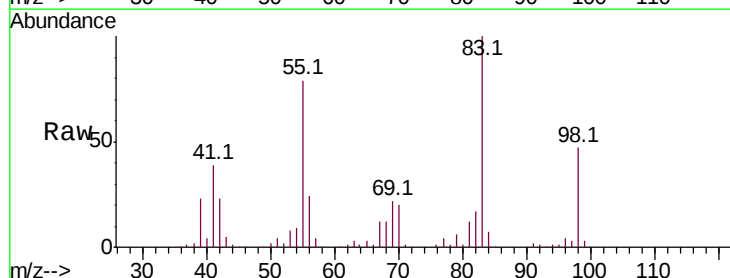
Tgt Ion: 83 Resp: 178581

Ion Ratio Lower Upper

83 100

55 79.2 38.9 116.7

98 47.0 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

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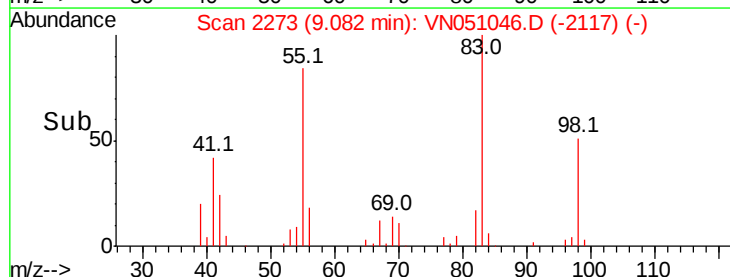
9.08

9.08

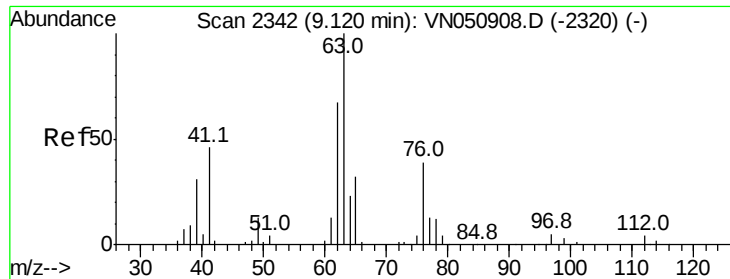
9.08

9.08

9.08



Time-->



#39

1,2-Dichloropropane

Concen: 18.092 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

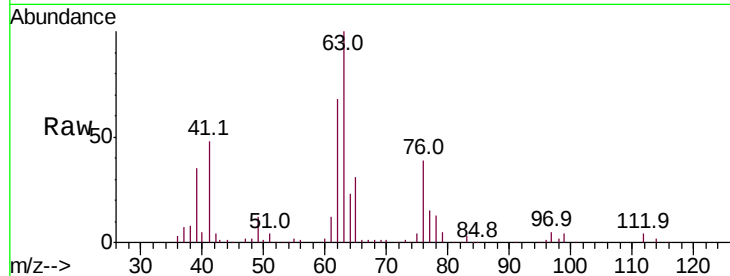
VN0907WBSD01

Tot Ion: 63 Resp: 154094

Ion Ratio Lower Upper

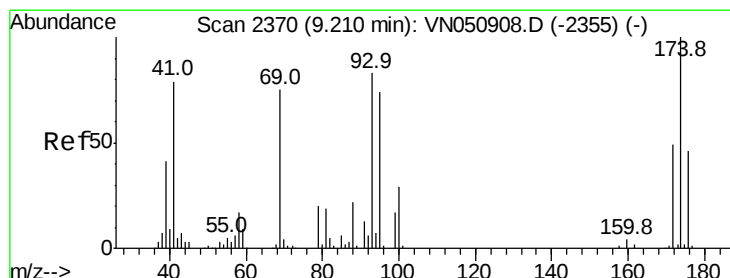
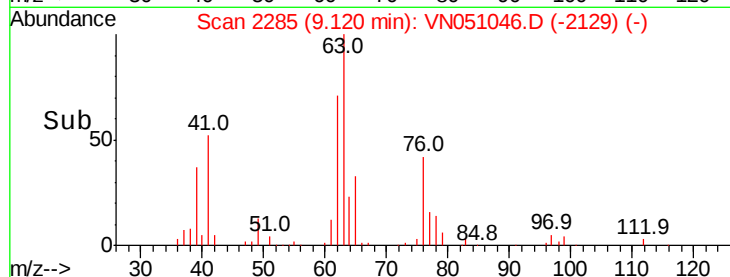
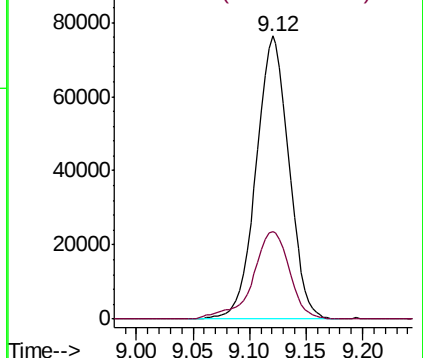
63 100

65 31.0 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VNO

Ion 65.00 (64.70 to 65.70): VNO



#40

Dibromomethane

Concen: 18.584 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

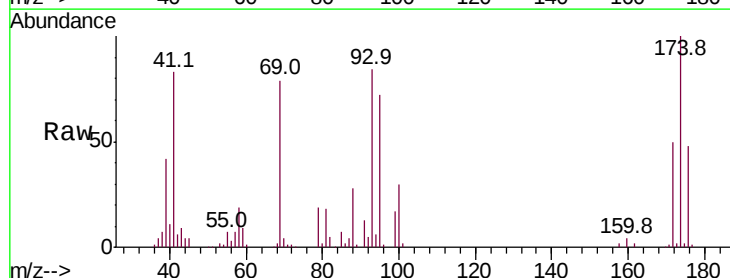
Tgt Ion: 93 Resp: 95350

Ion Ratio Lower Upper

93 100

95 84.3 0.0 173.4

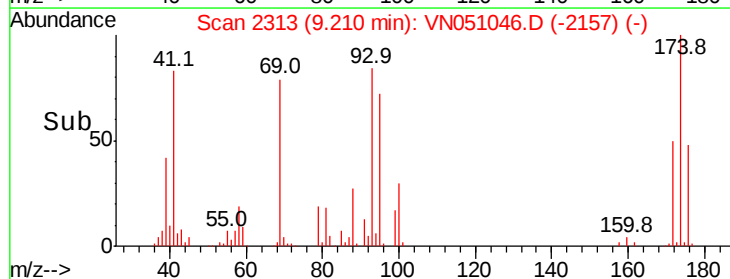
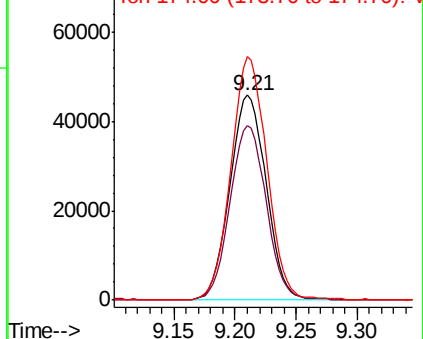
174 116.8 0.0 234.8

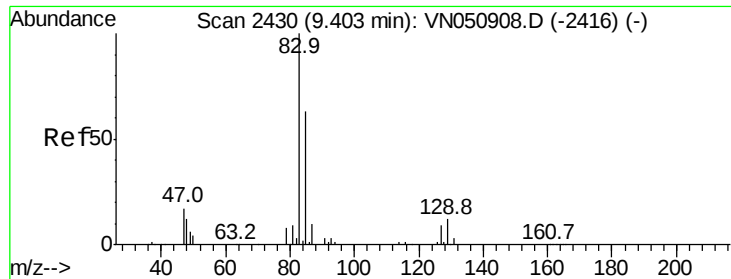


Abundance Ion 93.00 (92.70 to 93.70): VNO

Ion 95.00 (94.70 to 95.70): VNO

Ion 174.00 (173.70 to 174.70): VNO





#41

Bromodichloromethane

Concen: 18.187 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

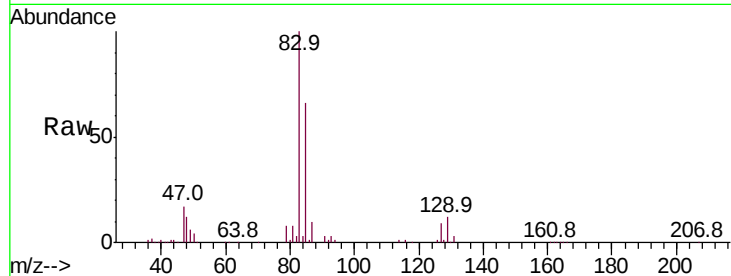
Tot Ion: 83 Resp: 196706

Ion Ratio Lower Upper

83 100

85 66.0 50.6 76.0

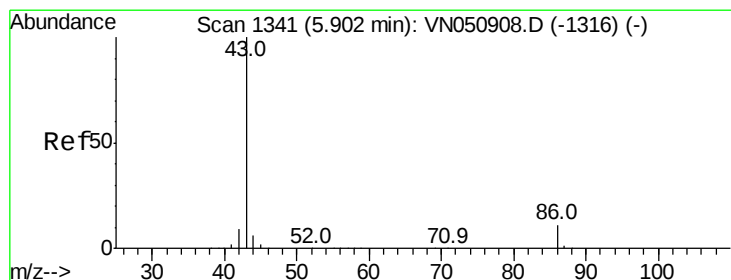
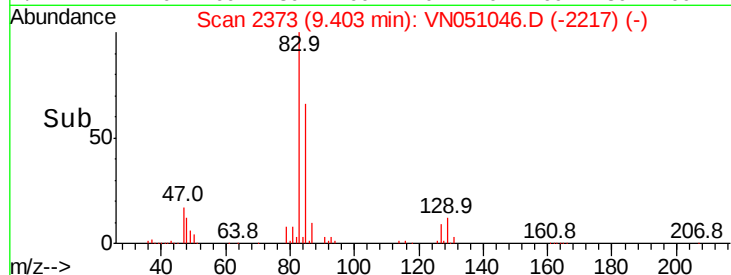
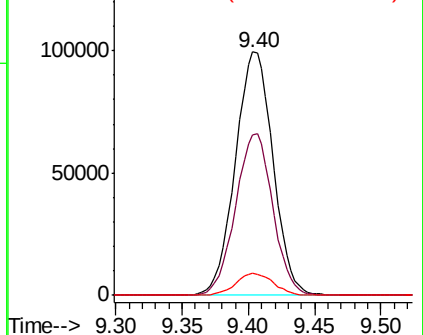
127 8.9 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 83.296 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051046.D

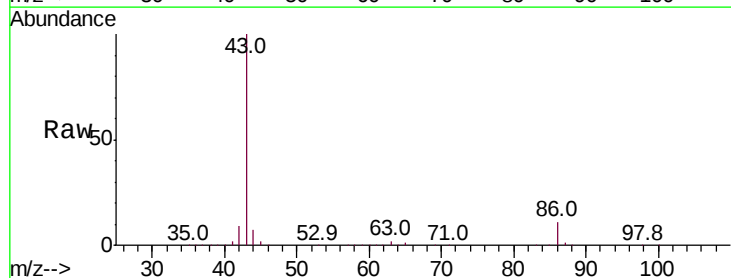
Acq: 7 Sep 2018 10:50

Tgt Ion: 43 Resp: 1244247

Ion Ratio Lower Upper

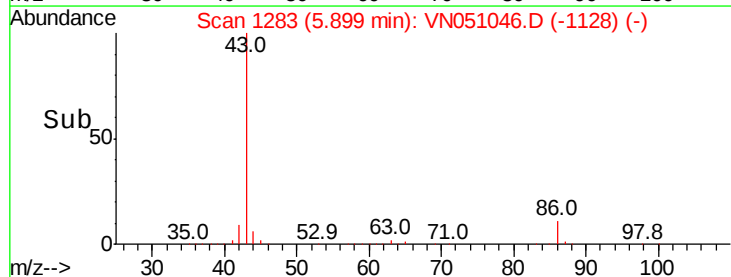
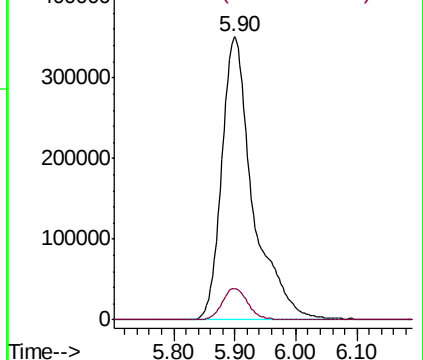
43 100

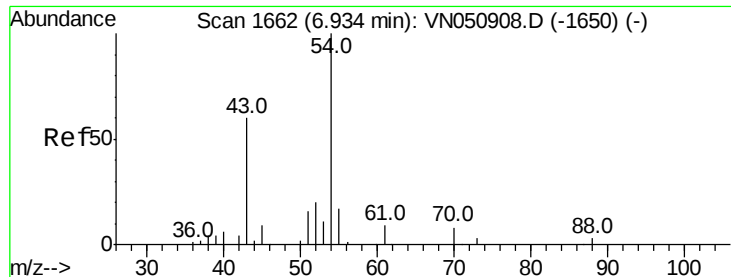
86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

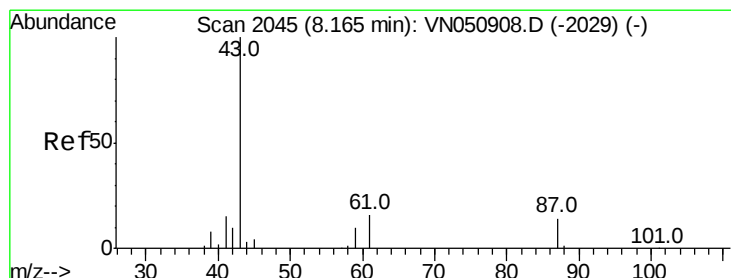
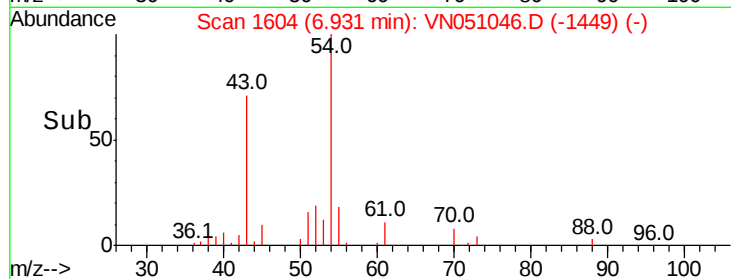
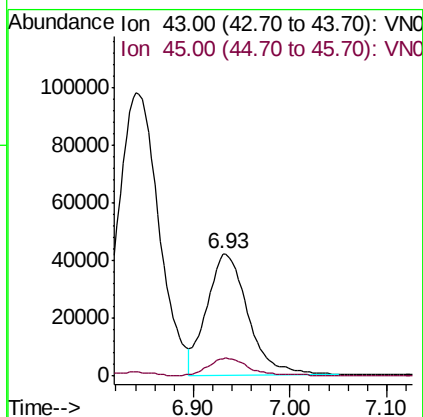
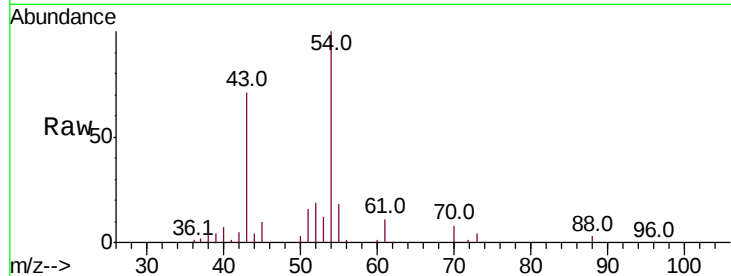




#43
Ethyl Acetate
Concen: 18.792 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

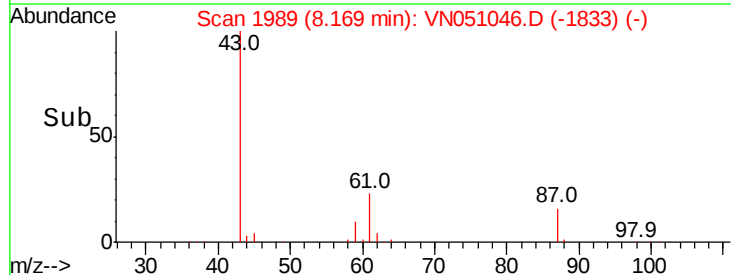
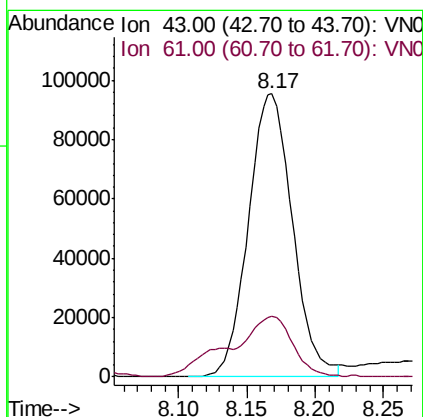
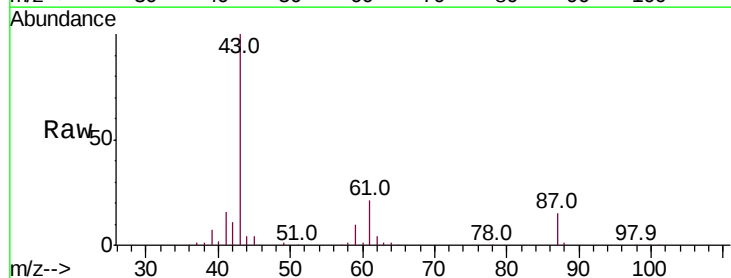
Instrument :
MSVOA_N
ClientSampled :
VN0907WBSD01

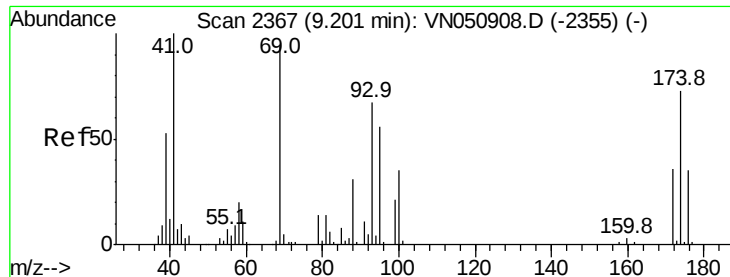
Tot Ion: 43 Resp: 124847
Ion Ratio Lower Upper
43 100
45 12.6 10.2 15.2



#44
Isopropyl Acetate
Concen: 18.147 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 43 Resp: 212745
Ion Ratio Lower Upper
43 100
61 20.5 16.3 24.5





#45

1,4-Dioxane

Concen: 405.976 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

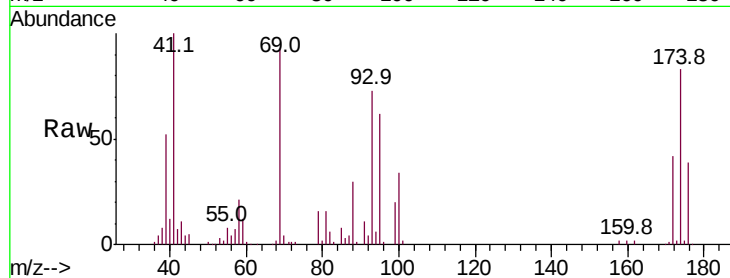
Tot Ion: 88 Resp: 35354

Ion Ratio Lower Upper

88 100

43 33.8 23.5 35.3

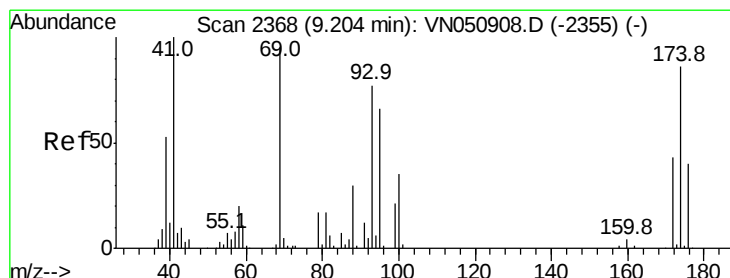
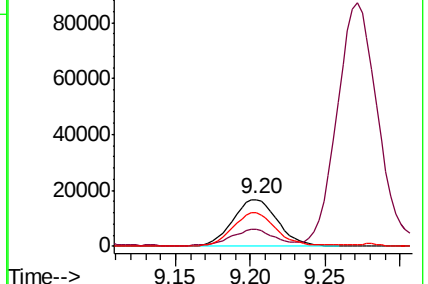
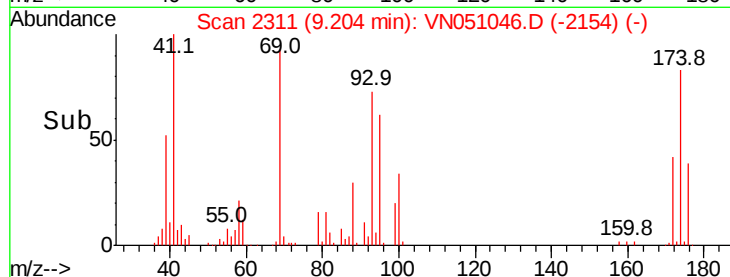
58 69.4 55.2 82.8



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: 18.043 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

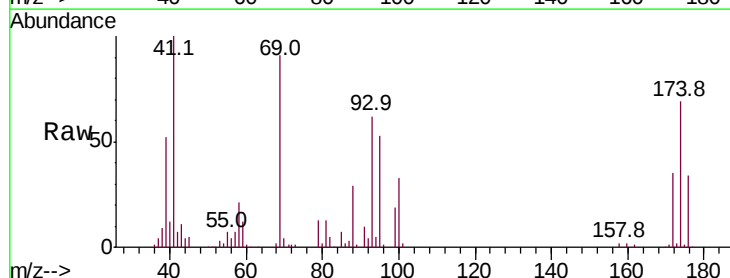
Tgt Ion: 41 Resp: 105936

Ion Ratio Lower Upper

41 100

69 91.8 47.4 142.2

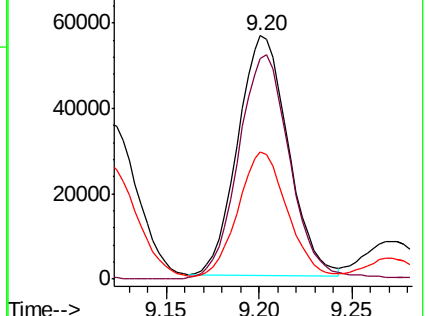
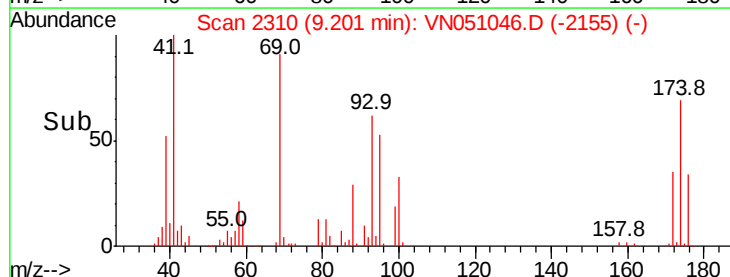
39 51.8 26.6 79.7

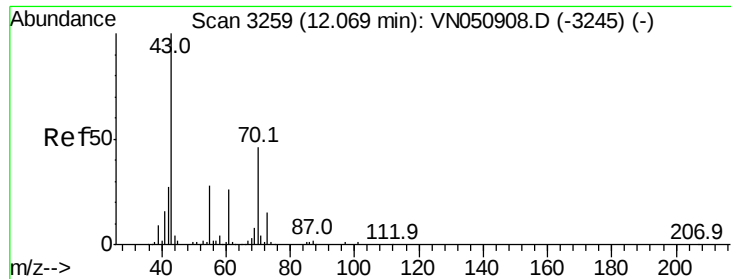


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

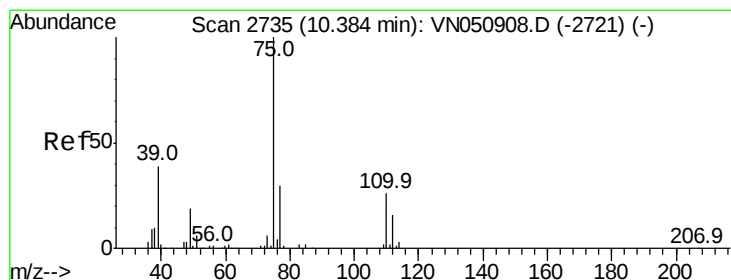
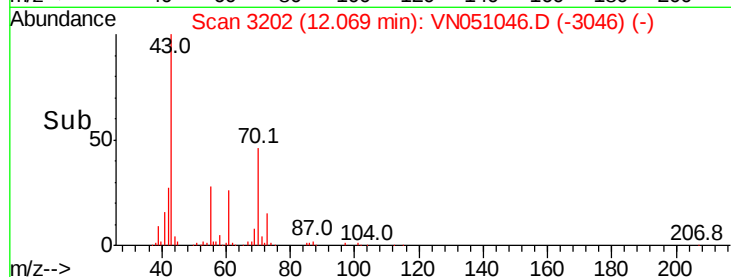
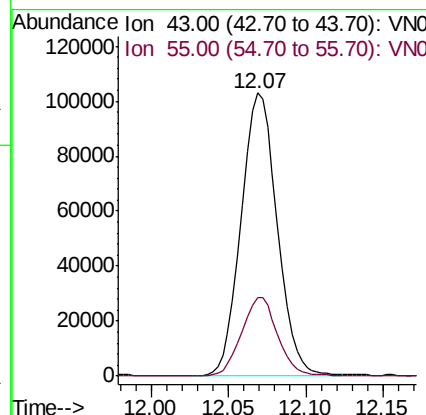
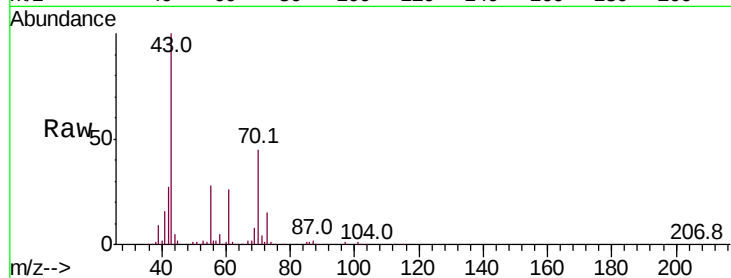




#47
n-amvl Acetate
Concen: 17.603 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

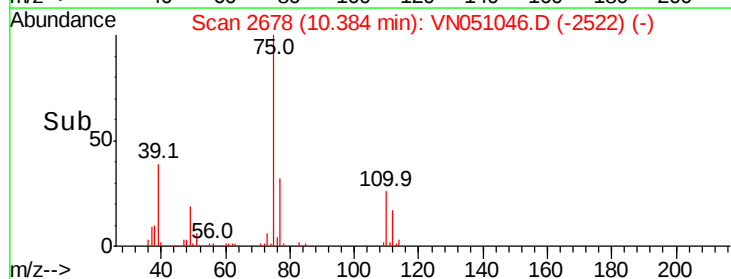
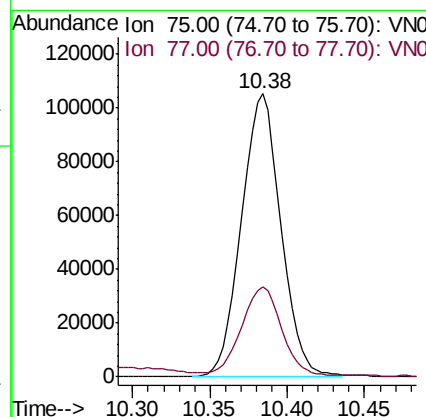
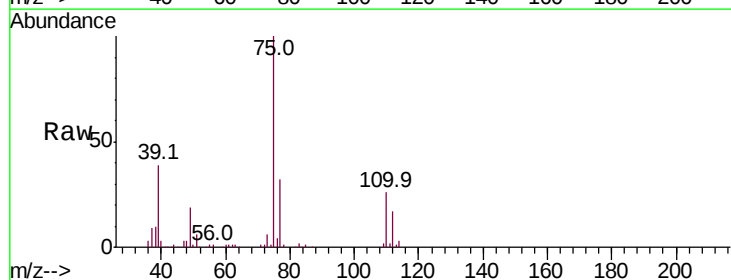
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

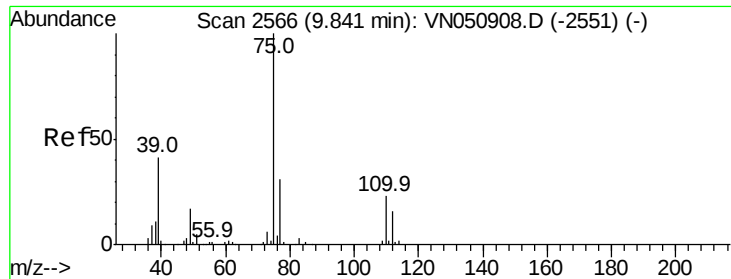
Tot Ion: 43 Resp: 165907
Ion Ratio Lower Upper
43 100
55 28.0 23.0 34.4



#48
t-1,3-Dichloropropene
Concen: 17.606 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 75 Resp: 186660
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2

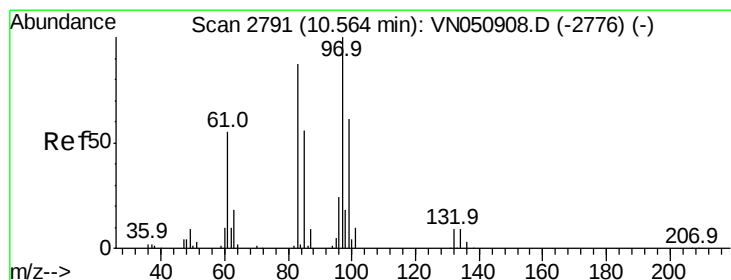
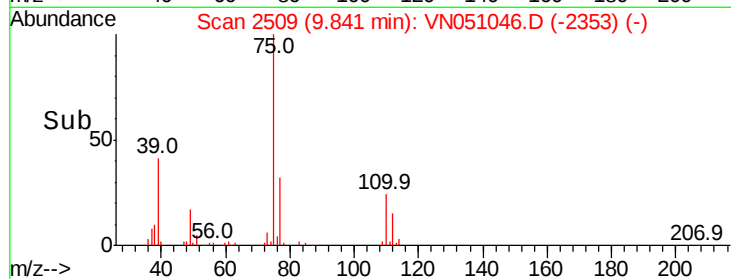
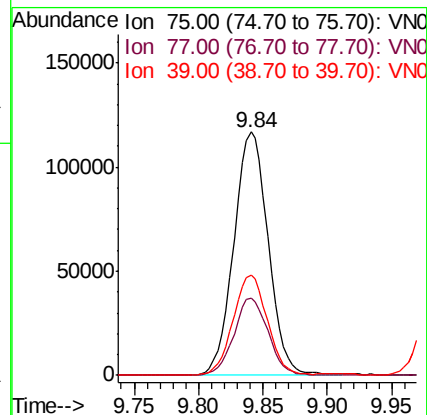
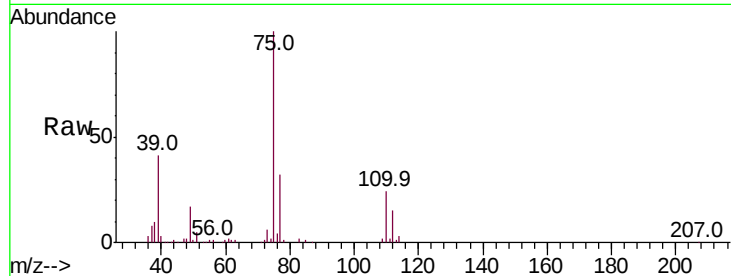




#49
 cis-1,3-Dichloropropene
 Concen: 17.813 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

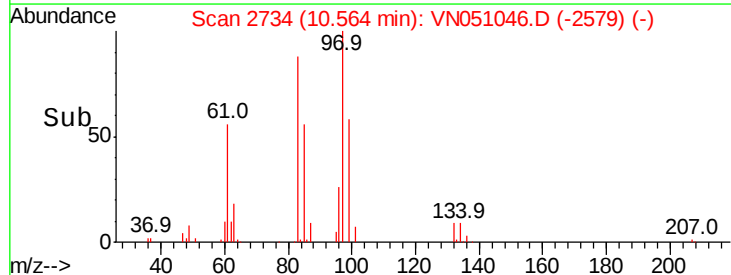
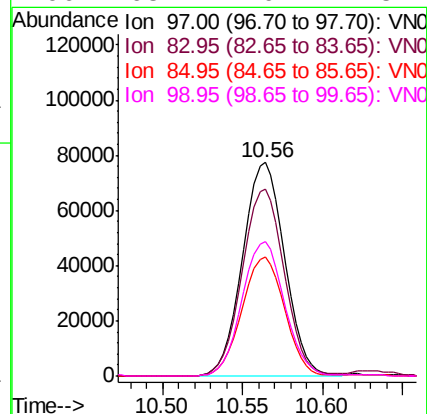
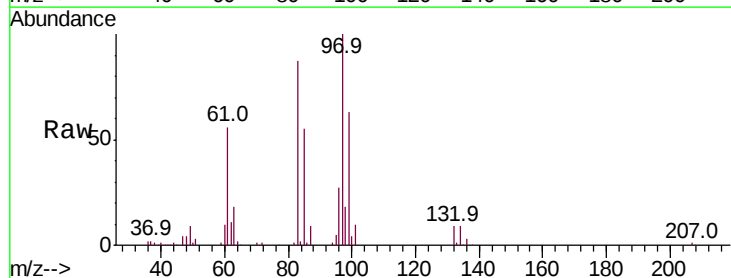
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

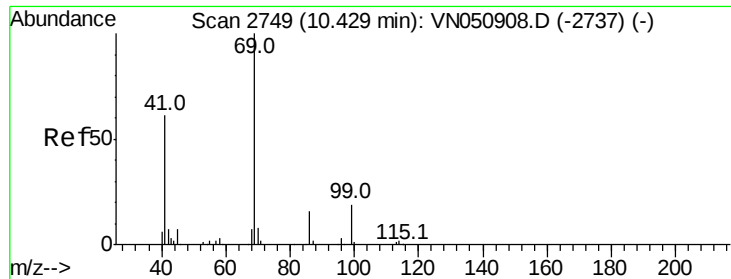
Tot Ion: 75 Resp: 216941
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4
 39 40.9 32.9 49.3



#50
 1,1,2-Trichloroethane
 Concen: 18.646 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Tgt Ion: 97 Resp: 139004
 Ion Ratio Lower Upper
 97 100
 83 87.3 69.8 104.6
 85 55.5 45.0 67.6
 99 63.2 49.1 73.7





#51

Ethyl methacrylate

Concen: 17.470 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampled :

VN0907WBSD01

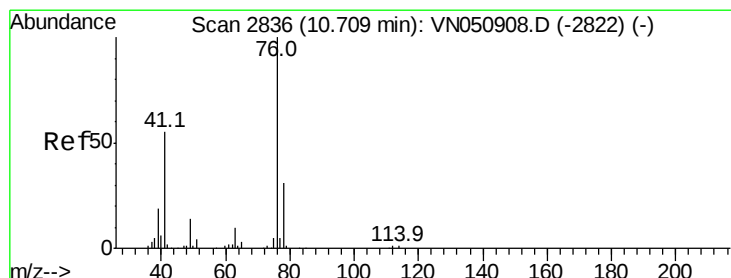
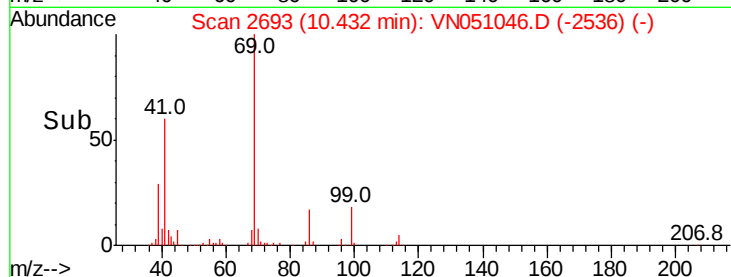
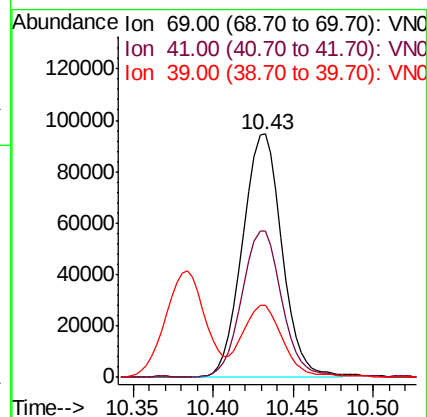
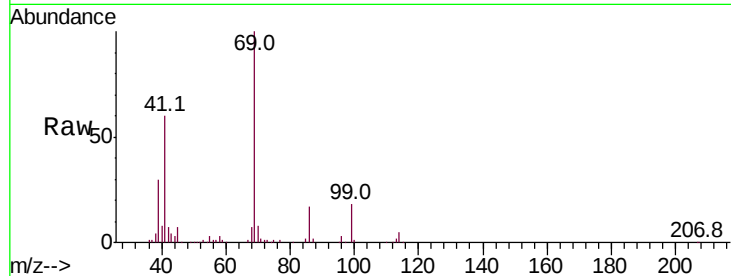
Tot Ion: 69 Resp: 159346

Ion	Ratio	Lower	Upper
69	100		
41	59.8	30.5	91.5
39	28.9	15.3	45.8

69 100

41 59.8 30.5 91.5

39 28.9 15.3 45.8



#52

1,3-Dichloropropane

Concen: 18.480 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051046.D

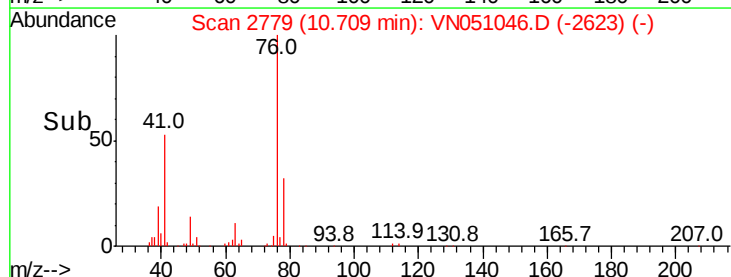
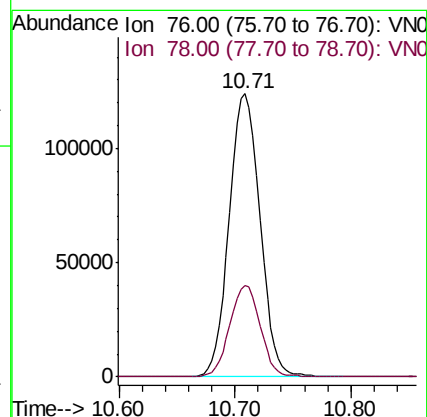
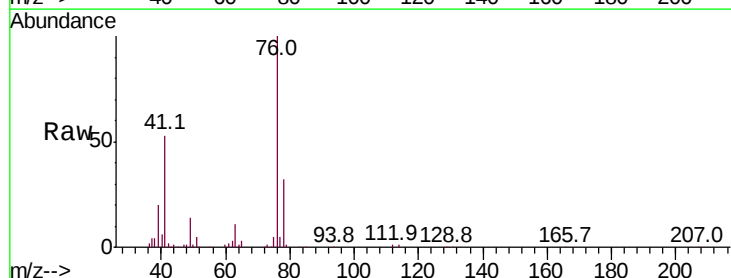
Acq: 7 Sep 2018 10:50

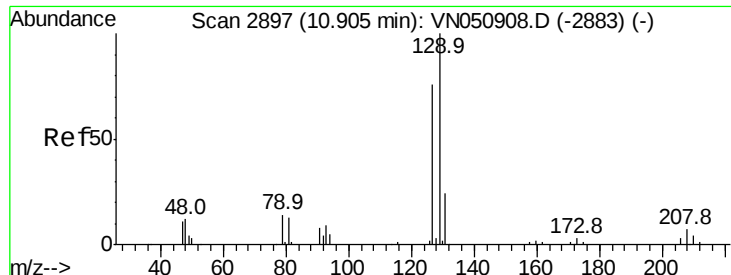
Tgt Ion: 76 Resp: 228202

Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	63.4

76 100

78 32.1 0.0 63.4

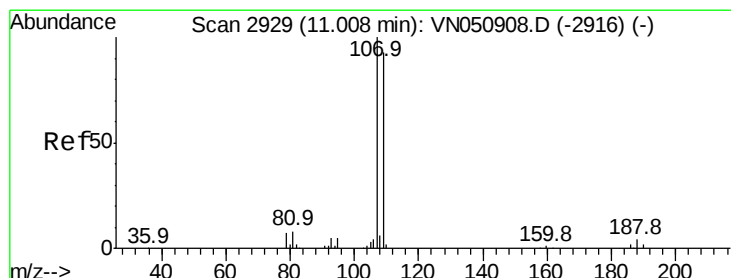
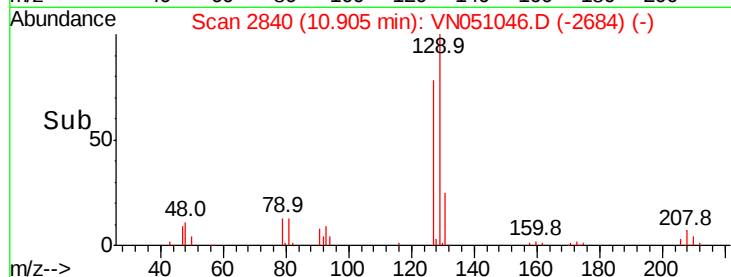
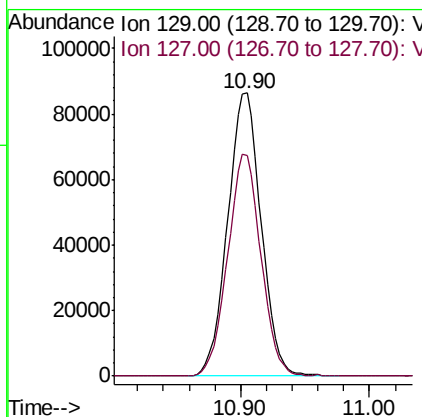
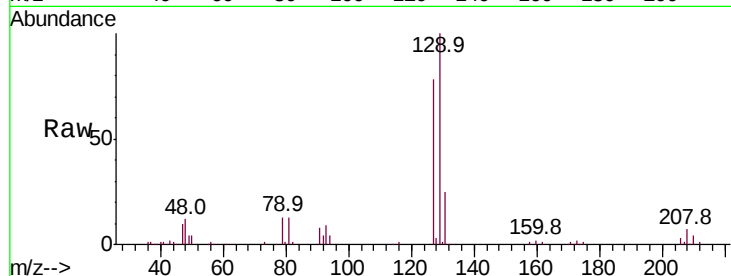




#53
 Dibromochloromethane
 Concen: 18.398 ug/l
 RT: 10.90 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

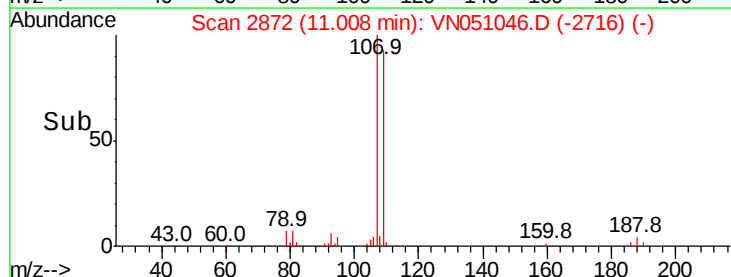
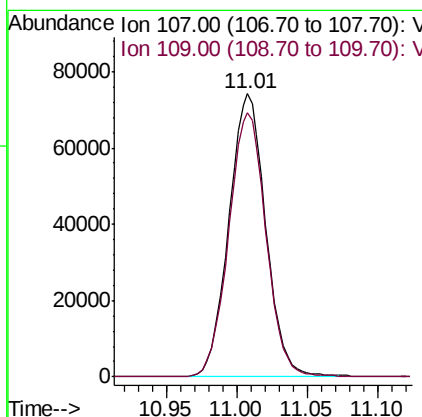
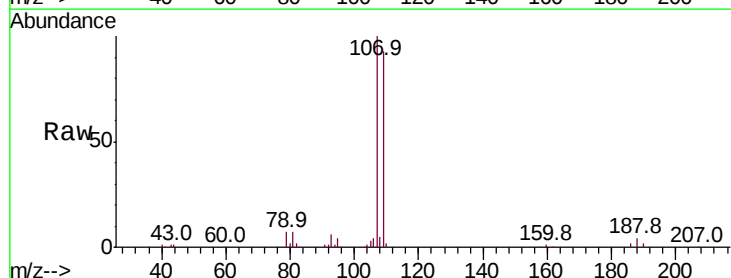
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

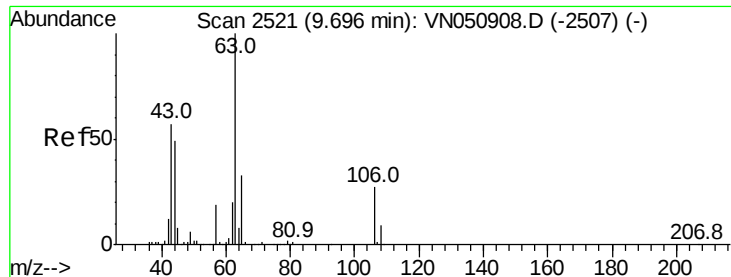
Tot Ion:129 Resp: 155959
 Ion Ratio Lower Upper
 129 100
 127 77.7 39.0 116.9



#54
 1,2-Dibromoethane
 Concen: 18.405 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Tgt Ion:107 Resp: 135669
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.4 111.6





#55

2-Chloroethyl vinyl ether

Concen: 77.692 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

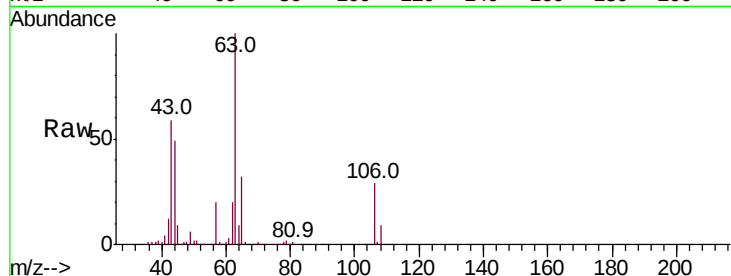
Tot Ion: 63 Resp: 294857

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2

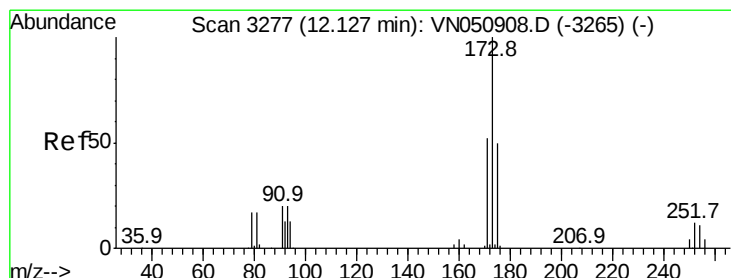
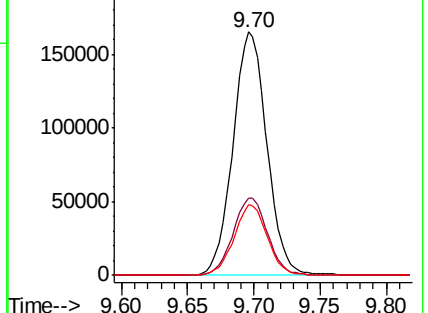
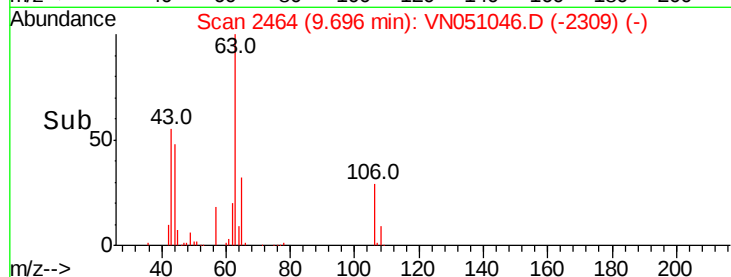
106 28.5 22.0 33.0



Abundance Ion 63.00 (62.70 to 63.70): VN051046.D (-2309) (-)

Ion 65.00 (64.70 to 65.70): VN051046.D (-2309) (-)

Ion 106.00 (105.70 to 106.70): VN051046.D (-2309) (-)



#56

Bromoform

Concen: 18.536 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

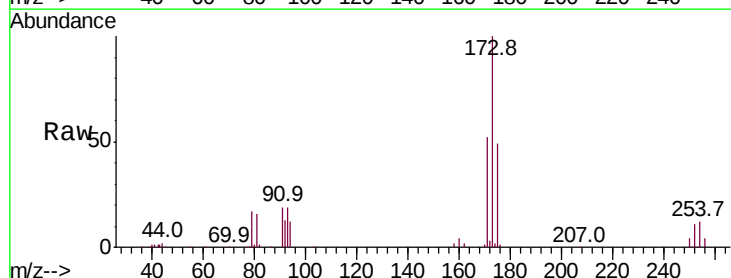
Tgt Ion: 173 Resp: 111750

Ion Ratio Lower Upper

173 100

175 48.9 39.2 58.8

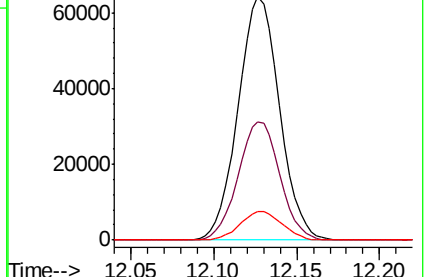
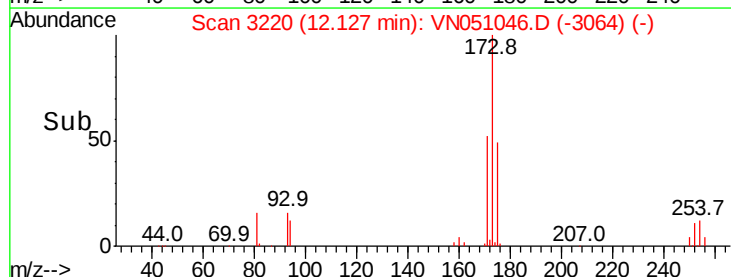
254 11.9 9.0 13.6

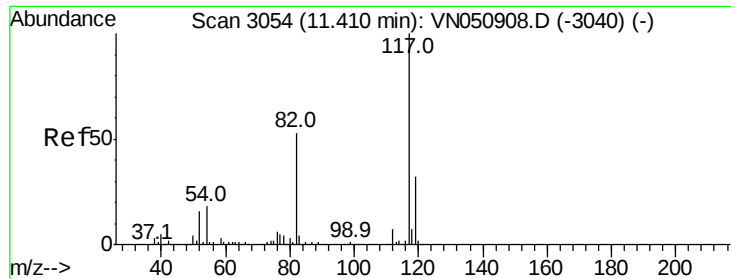


Abundance Ion 173.00 (172.70 to 173.70): VN051046.D (-3064) (-)

Ion 175.00 (174.70 to 175.70): VN051046.D (-3064) (-)

Ion 254.00 (253.70 to 254.70): VN051046.D (-3064) (-)

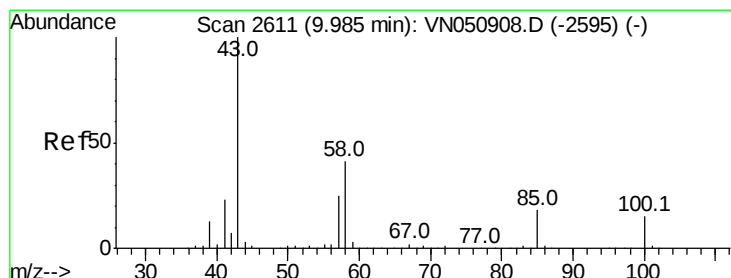
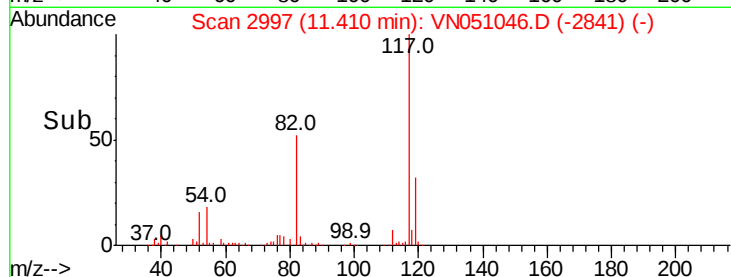
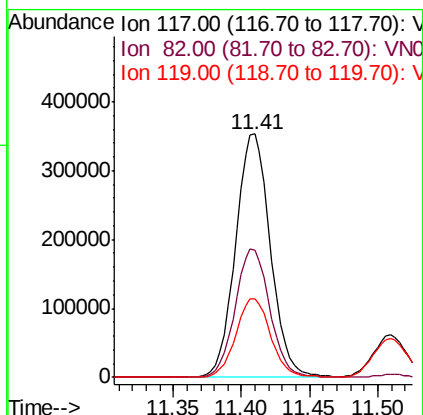
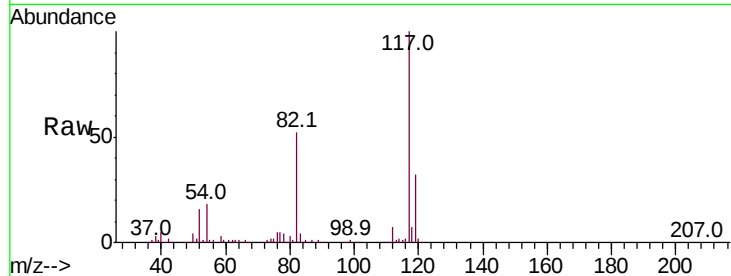




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

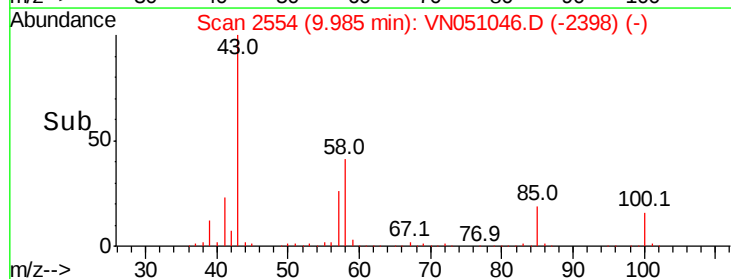
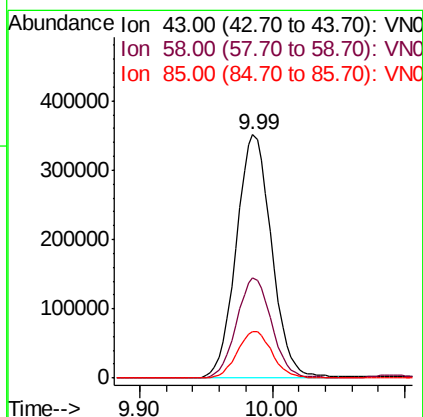
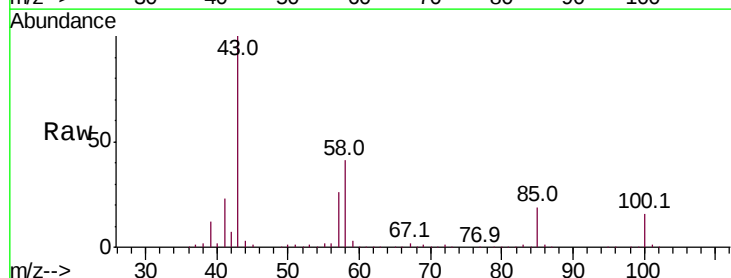
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

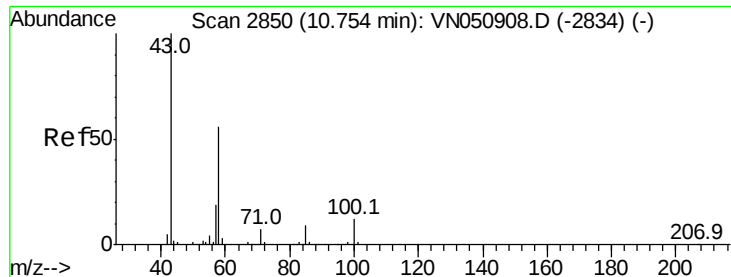
Tot Ion:117 Resp: 625931
Ion Ratio Lower Upper
117 100
82 52.8 42.6 64.0
119 32.3 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 90.741 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 43 Resp: 649852
Ion Ratio Lower Upper
43 100
58 40.9 32.3 48.5
85 19.0 14.9 22.3

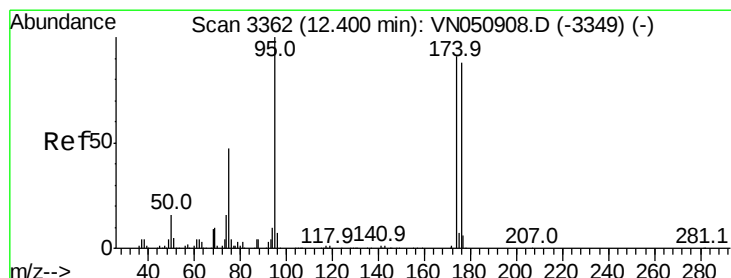
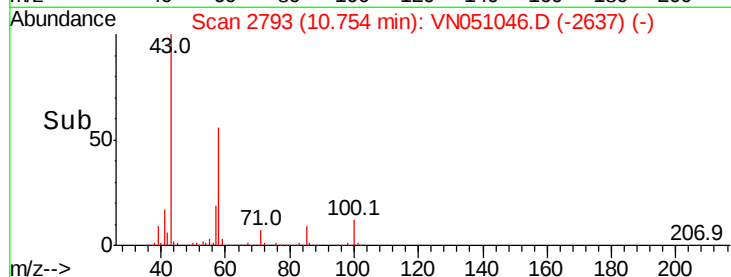
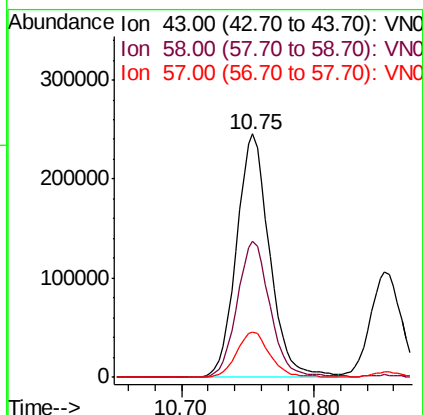
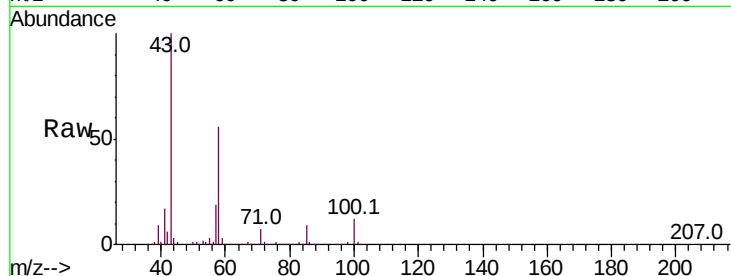




#59
2-Hexanone
Concen: 90.728 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

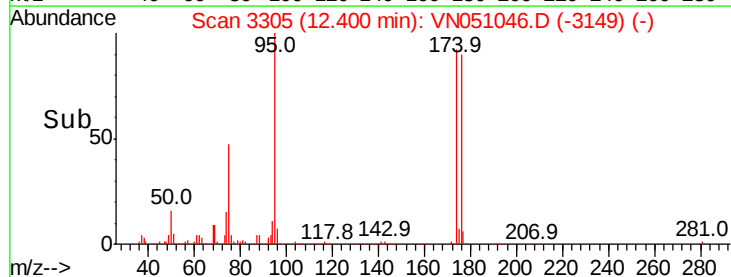
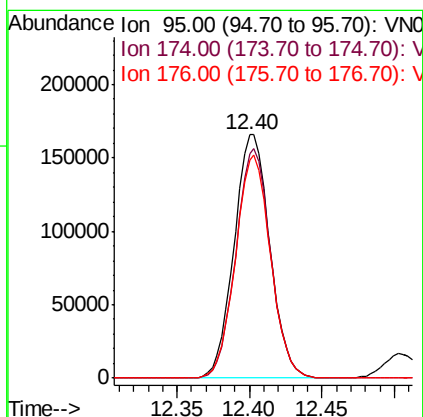
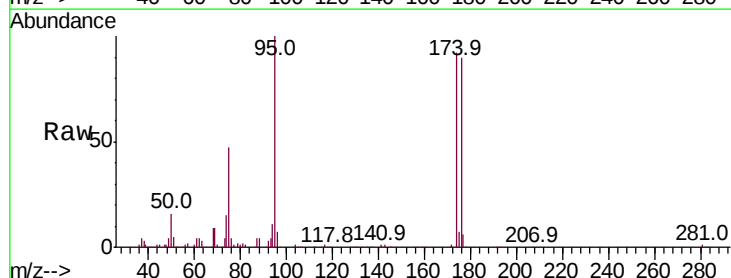
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

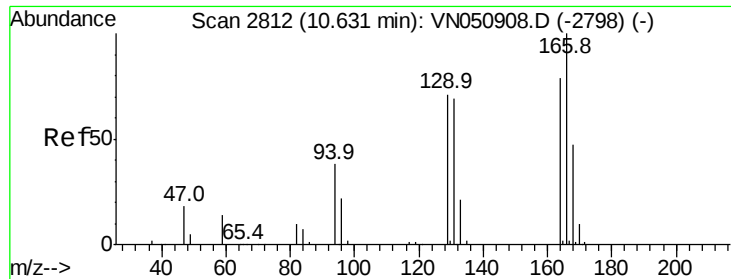
Tot Ion: 43 Resp: 424710
Ion Ratio Lower Upper
43 100
58 56.2 45.5 68.3
57 18.9 15.2 22.8



#60
4-Bromofluorobenzene
Concen: 30.505 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 95 Resp: 283936
Ion Ratio Lower Upper
95 100
174 91.6 74.6 112.0
176 89.8 71.5 107.3





#61

Tetrachloroethene

Concen: 18.066 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tot Ion:164 Resp: 140913

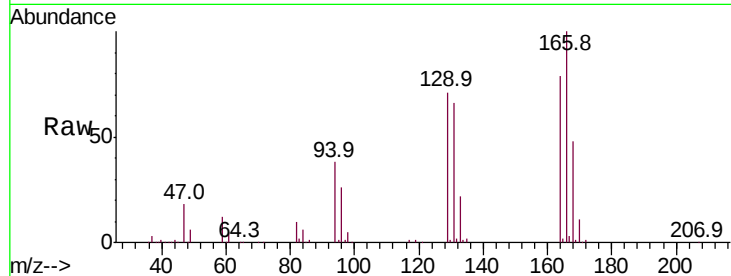
Ion Ratio Lower Upper

164 100

166 127.0 100.6 151.0

129 90.4 71.0 106.6

131 84.1 69.3 103.9

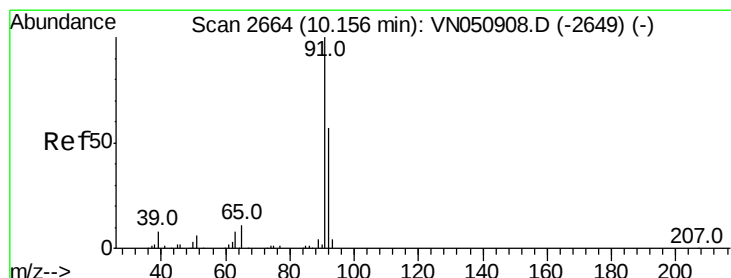
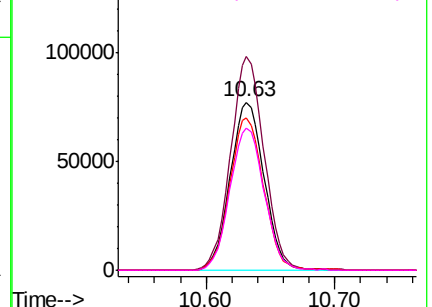
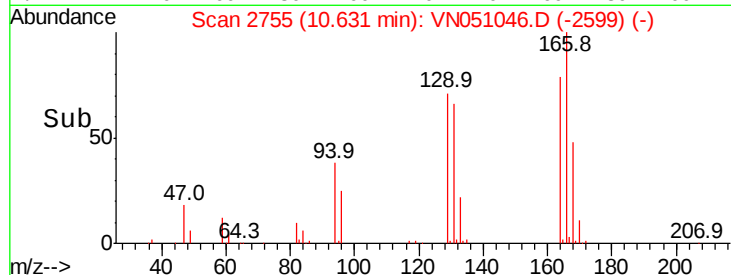


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.152 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051046.D

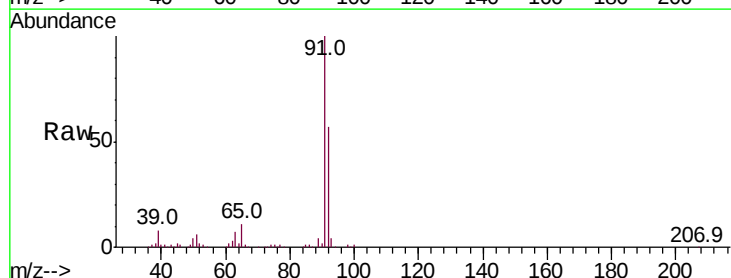
Acq: 7 Sep 2018 10:50

Tgt Ion: 91 Resp: 633862

Ion Ratio Lower Upper

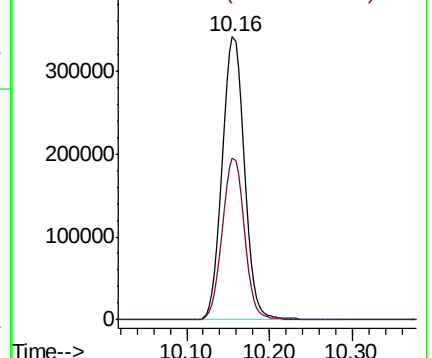
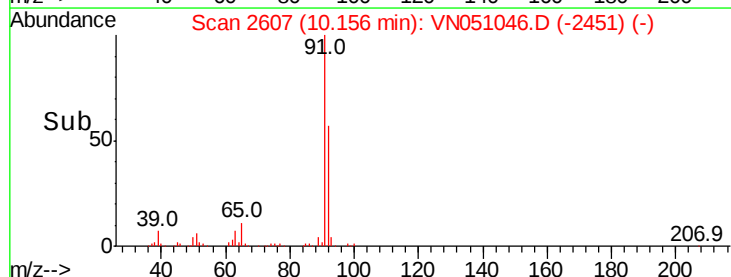
91 100

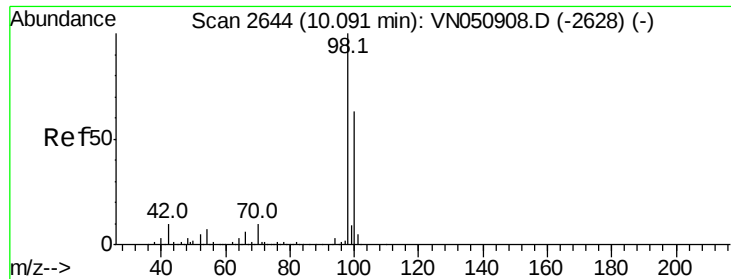
92 56.9 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.159 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

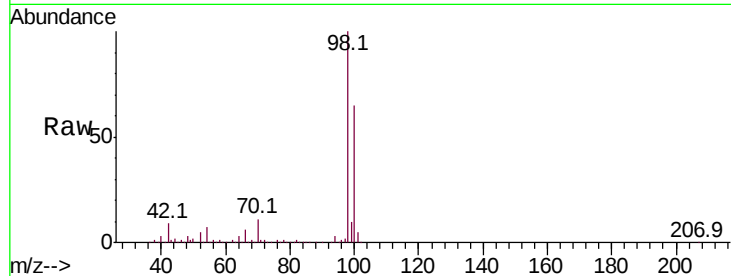
VN0907WBSD01

Tot Ion: 98 Resp: 880318

Ion Ratio Lower Upper

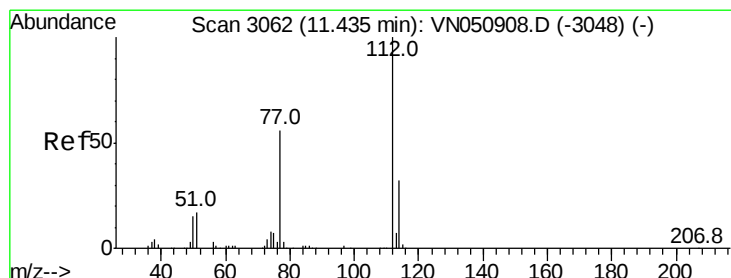
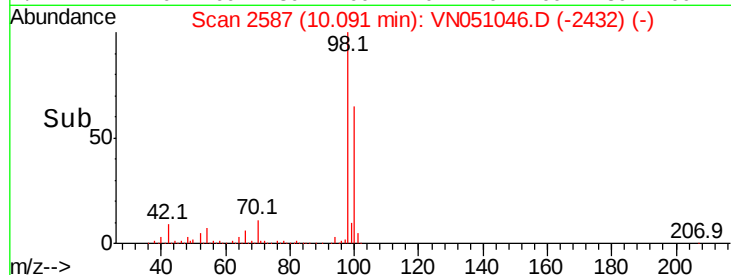
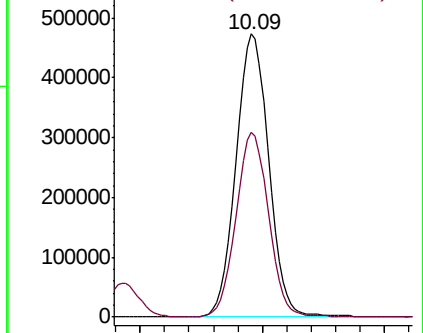
98 100

100 64.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 18.135 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051046.D

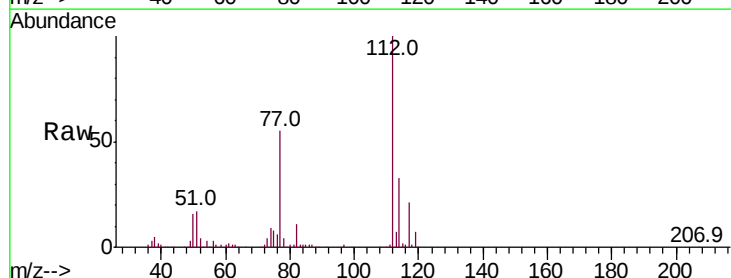
Acq: 7 Sep 2018 10:50

Tgt Ion: 112 Resp: 392489

Ion Ratio Lower Upper

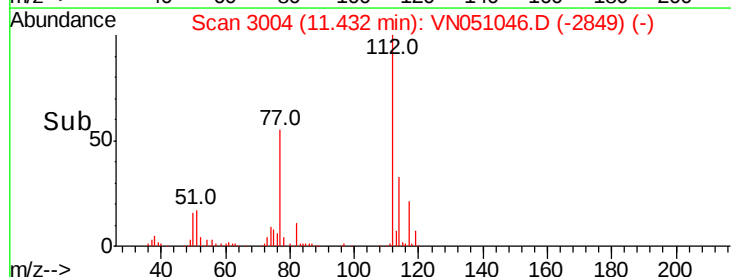
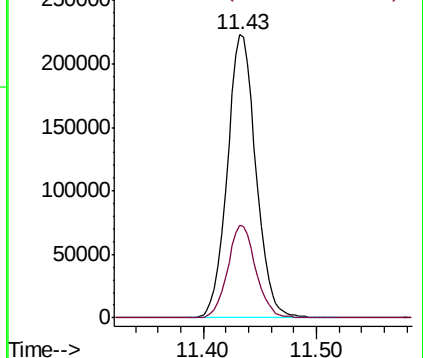
112 100

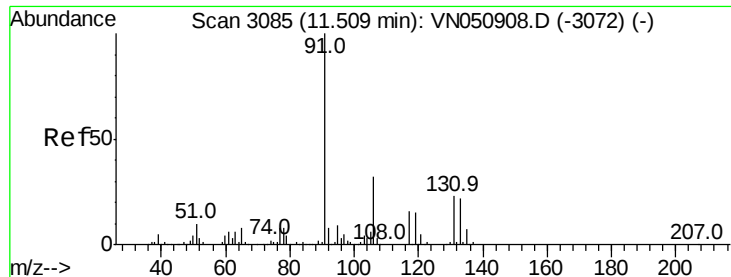
114 32.6 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 18.609 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

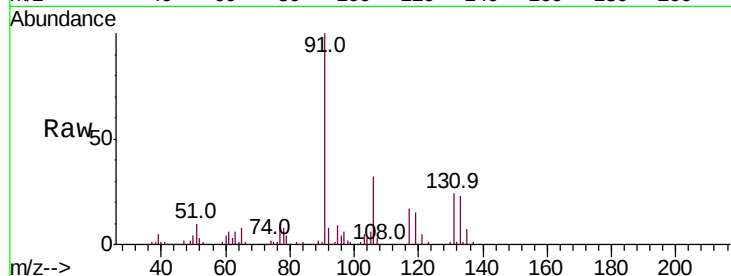
Tot Ion:131 Resp: 152065

Ion Ratio Lower Upper

131 100

133 95.5 0.0 189.4

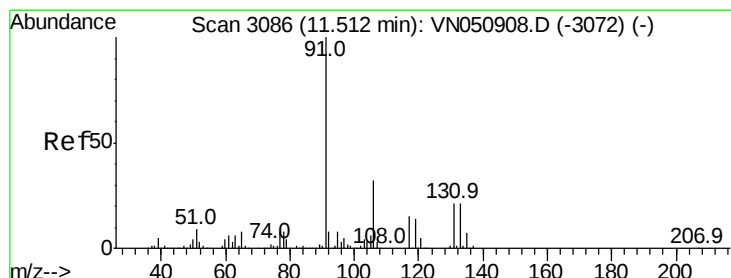
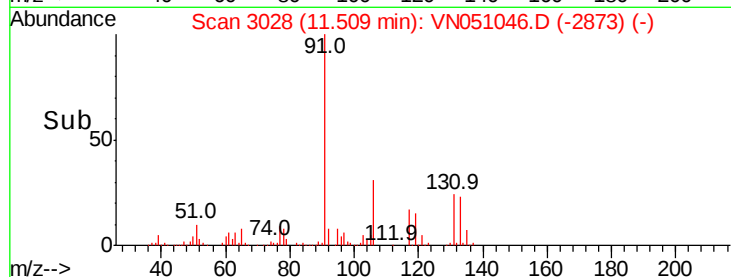
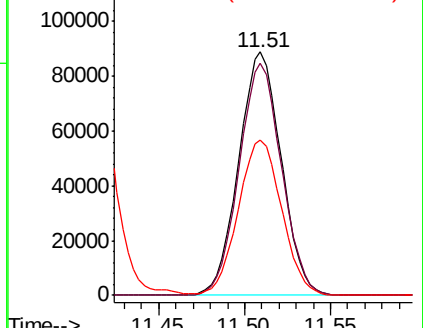
119 65.4 0.0 132.2



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: 17.476 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051046.D

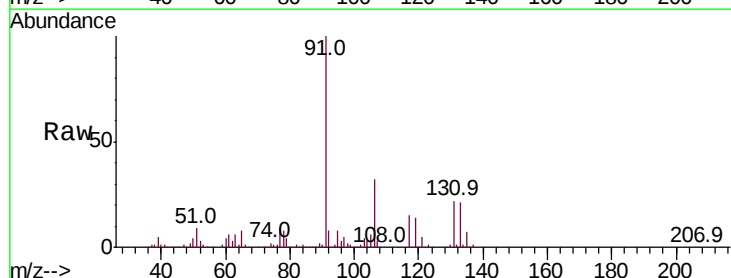
Acq: 7 Sep 2018 10:50

Tgt Ion: 91 Resp: 632111

Ion Ratio Lower Upper

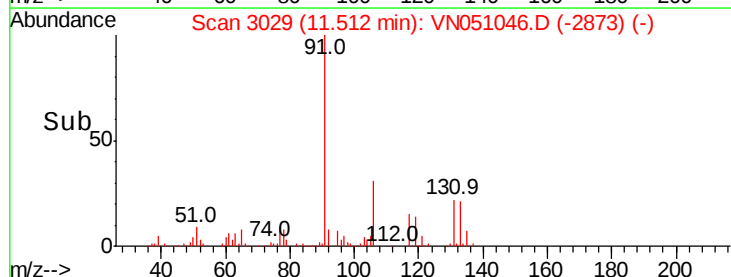
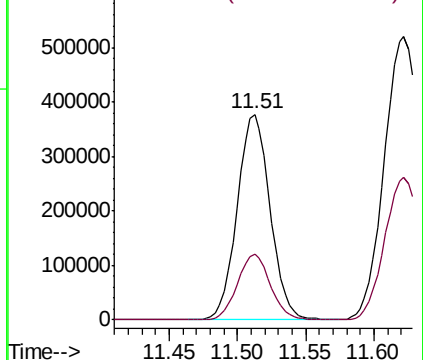
91 100

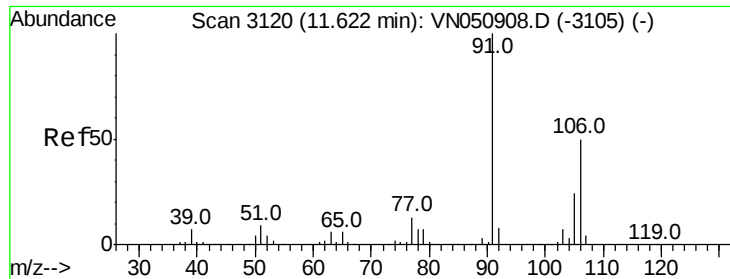
106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

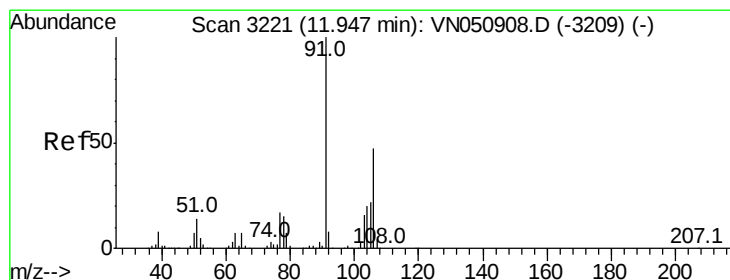
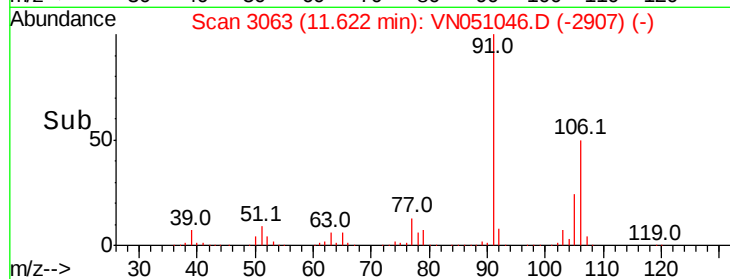
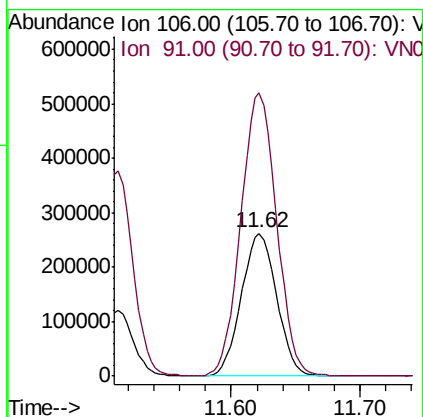
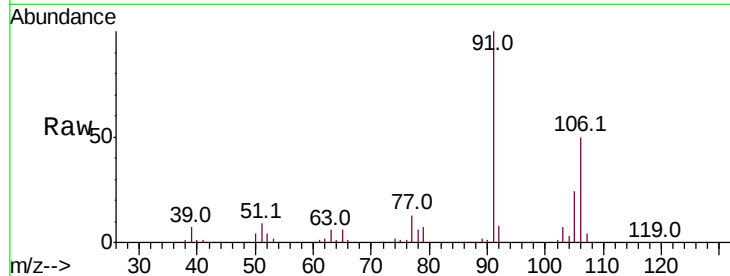




#67
m/p-Xylenes
Concen: 35.981 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

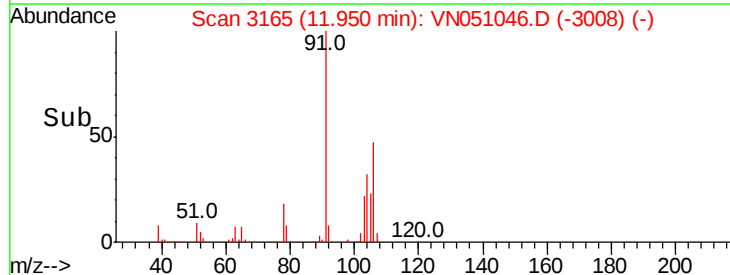
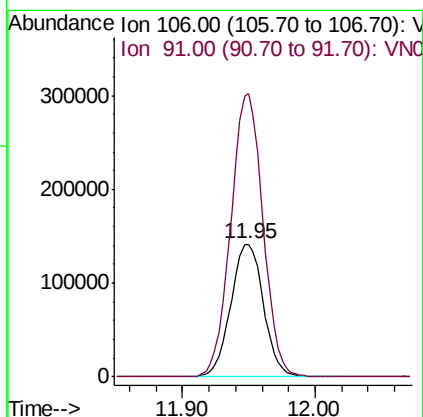
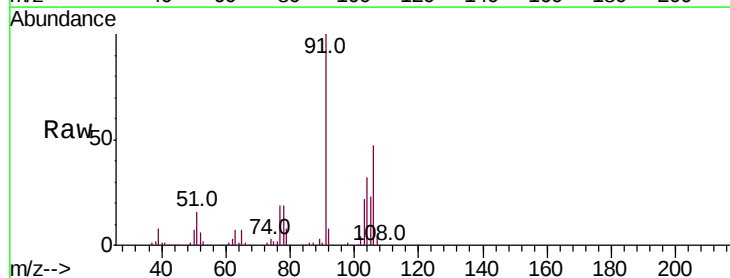
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

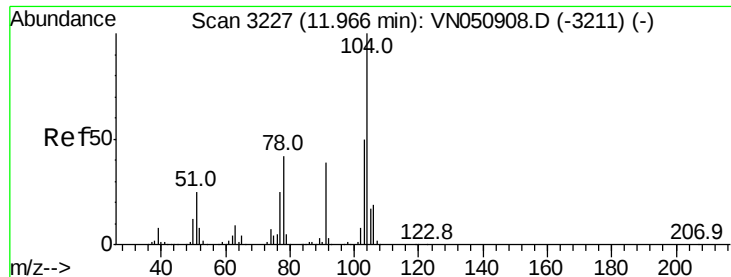
Tot Ion:106 Resp: 500756
Ion Ratio Lower Upper
106 100
91 200.6 160.6 241.0



#68
o-Xylene
Concen: 18.155 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion:106 Resp: 241426
Ion Ratio Lower Upper
106 100
91 210.3 106.4 319.2

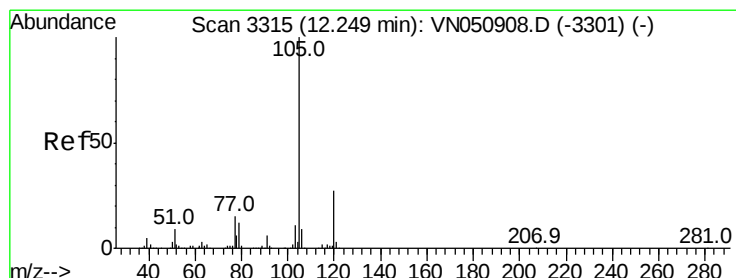
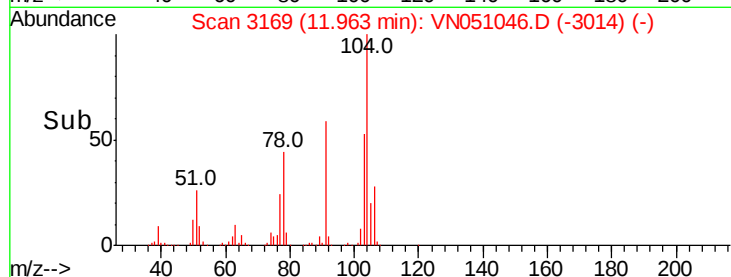
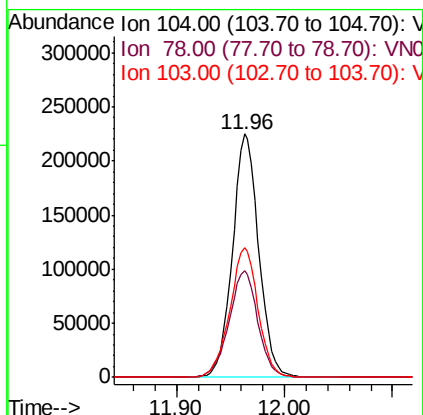
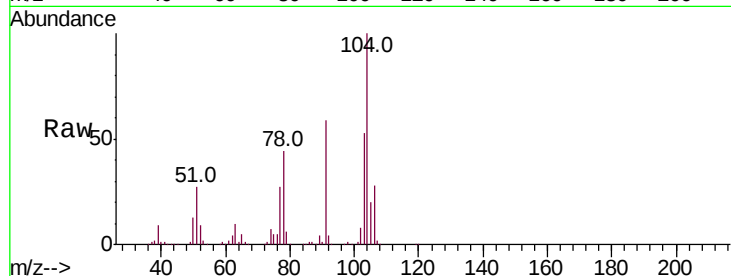




#69
Stvrene
Concen: 18.021 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

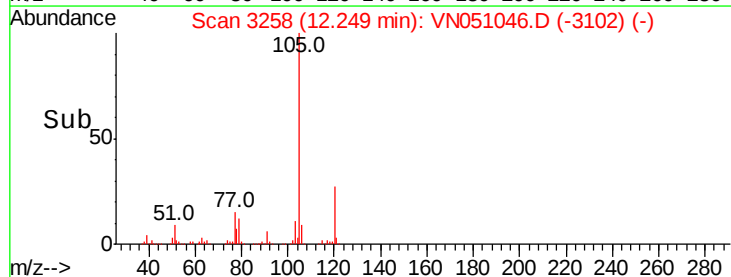
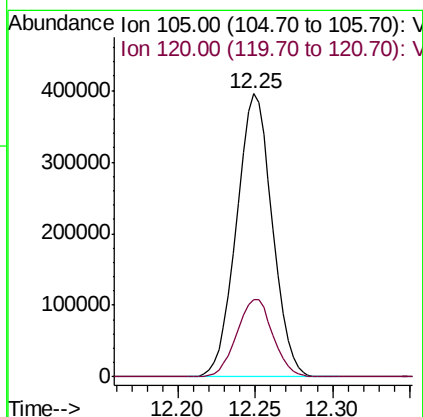
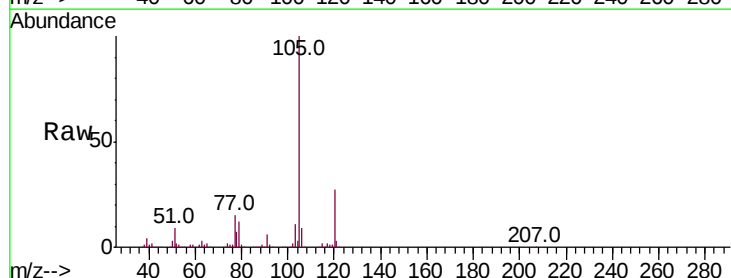
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

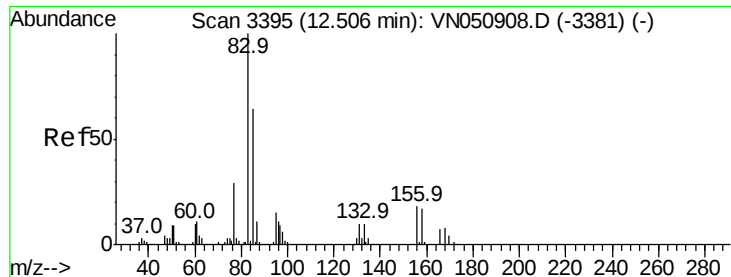
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.6	58.0
103	57.4	45.4	68.2



#70
Isopropylbenzene
Concen: 17.969 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampled :

VN0907WBSD01

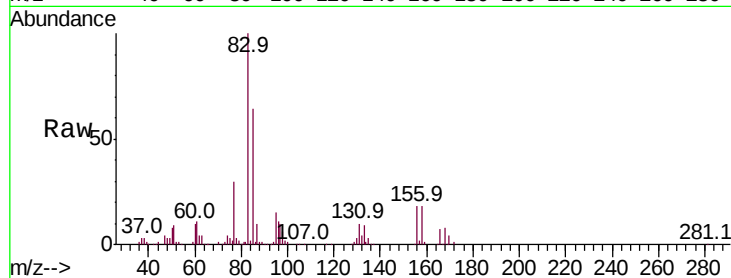
Tot Ion: 83 Resp: 185657

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

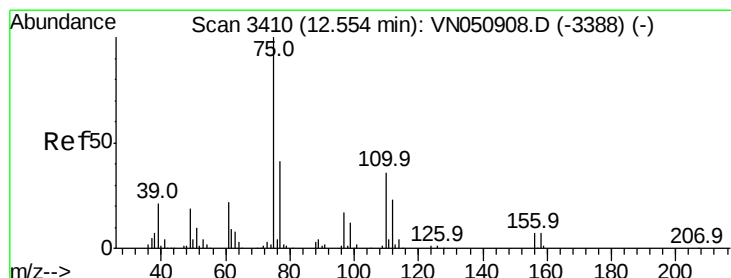
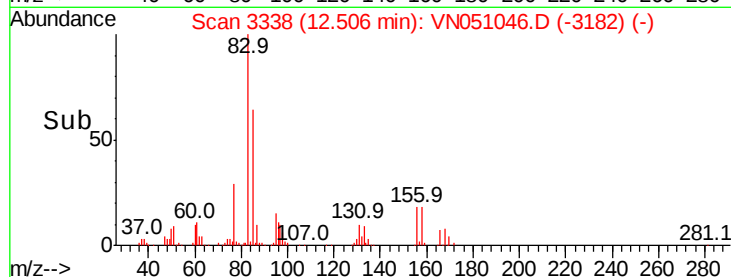
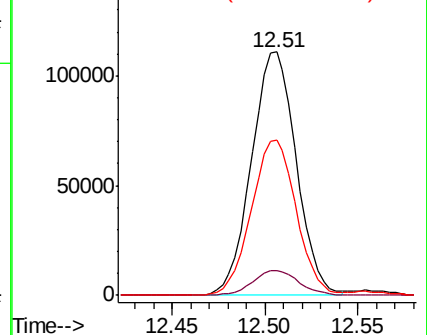
85 64.1 32.3 96.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 25.426 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051046.D

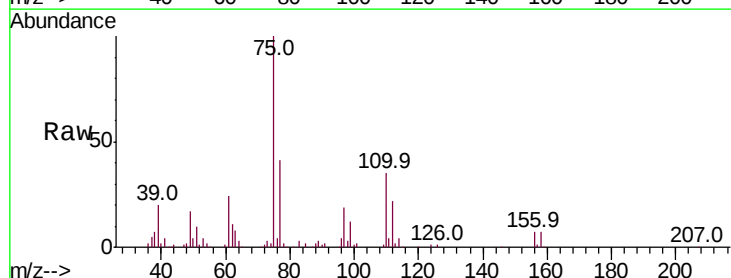
Acq: 7 Sep 2018 10:50

Tgt Ion: 75 Resp: 209870

Ion Ratio Lower Upper

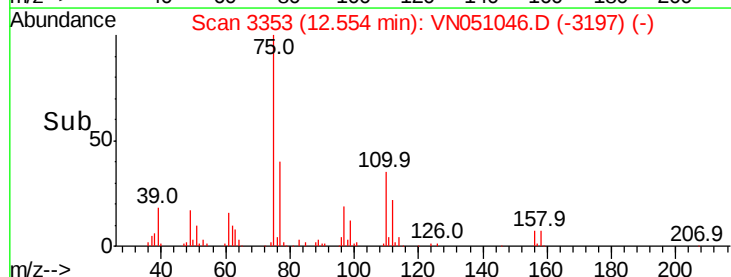
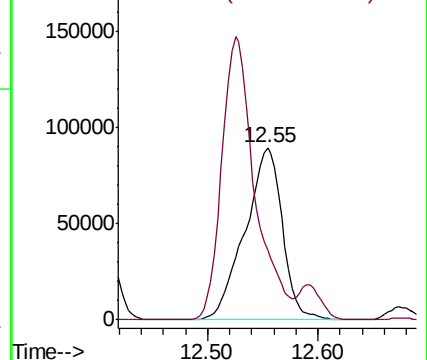
75 100

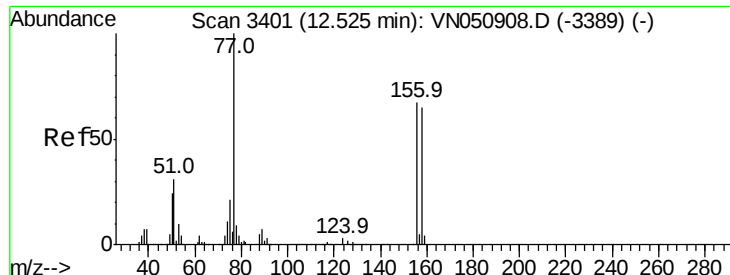
77 145.6 0.0 301.6



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

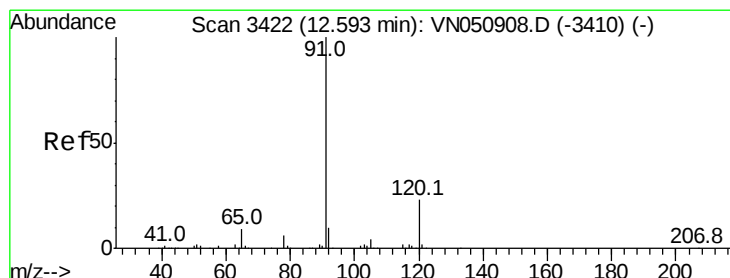
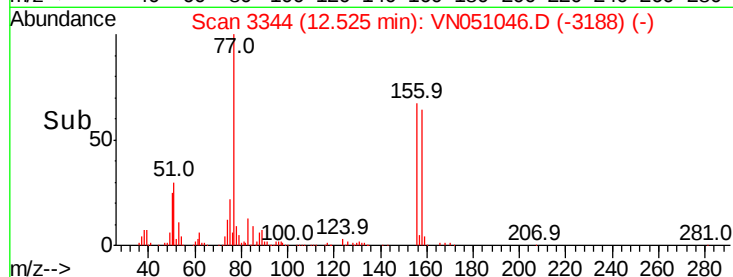
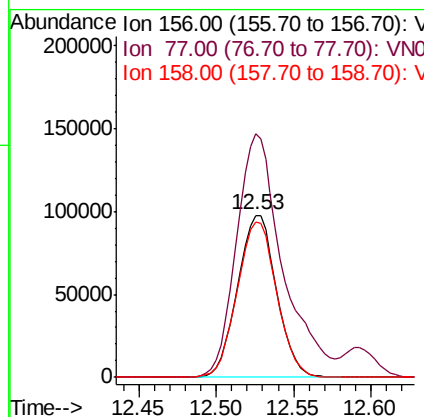
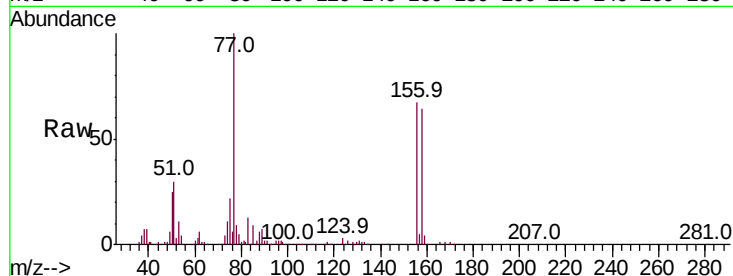




#73
Bromobenzene
Concen: 18.361 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

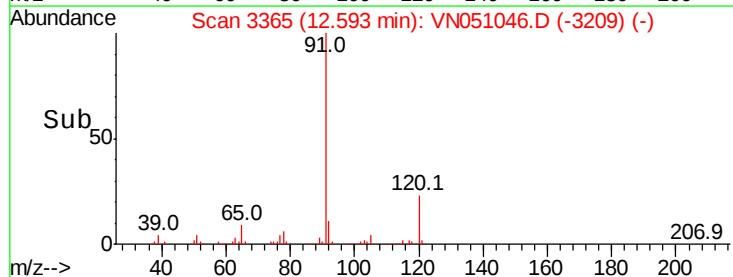
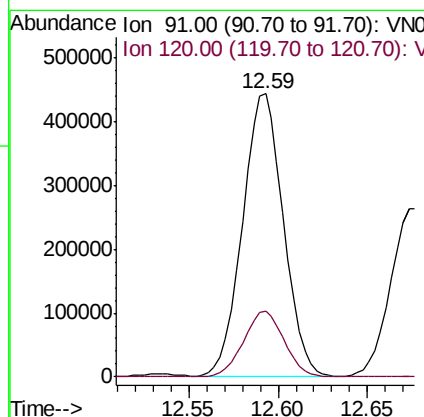
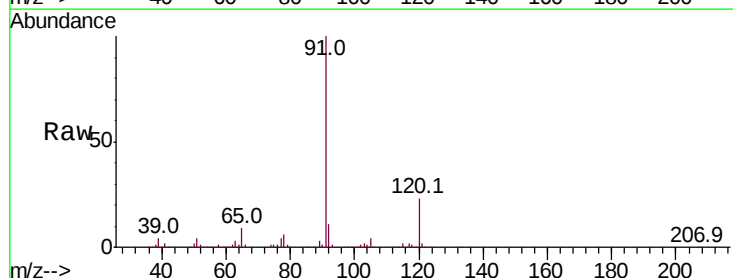
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

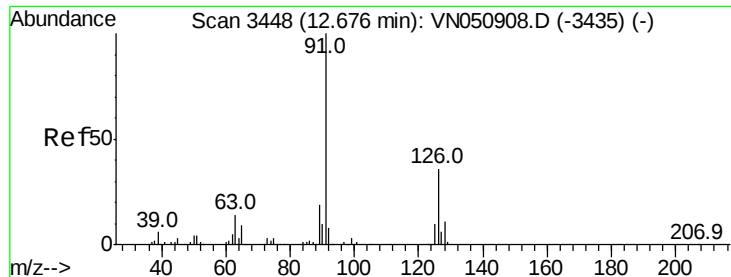
Tot Ion:156 Resp: 170702
Ion Ratio Lower Upper
156 100
77 179.0 0.0 359.4
158 97.3 0.0 194.6



#74
n-propylbenzene
Concen: 17.793 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 91 Resp: 710832
Ion Ratio Lower Upper
91 100
120 23.1 0.0 46.0





#75

2-Chlorotoluene

Concen: 18.307 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

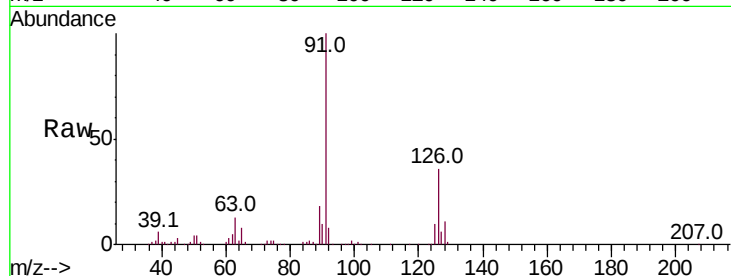
VN0907WBSD01

Tot Ion: 91 Resp: 444305

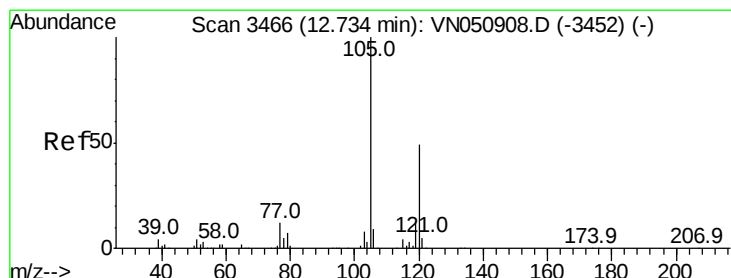
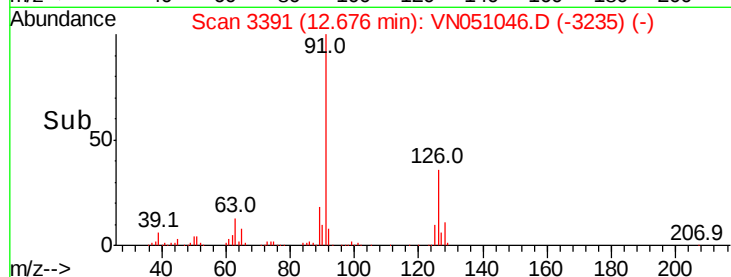
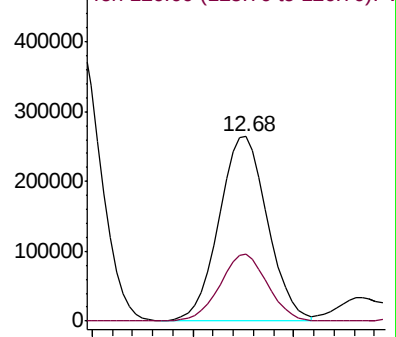
Ion Ratio Lower Upper

91 100

126 35.6 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN050908.D (-3435) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.423 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051046.D

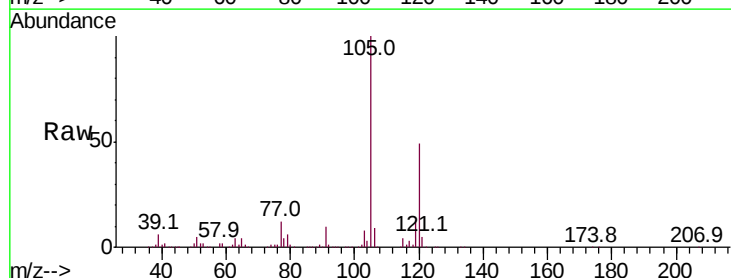
Acq: 7 Sep 2018 10:50

Tgt Ion:105 Resp: 532003

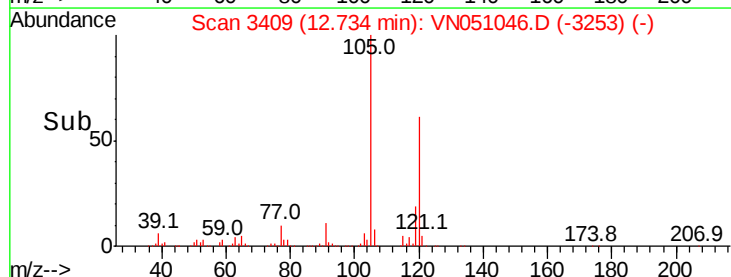
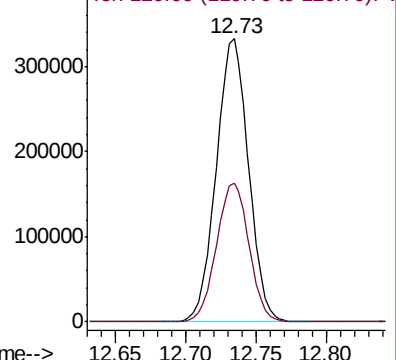
Ion Ratio Lower Upper

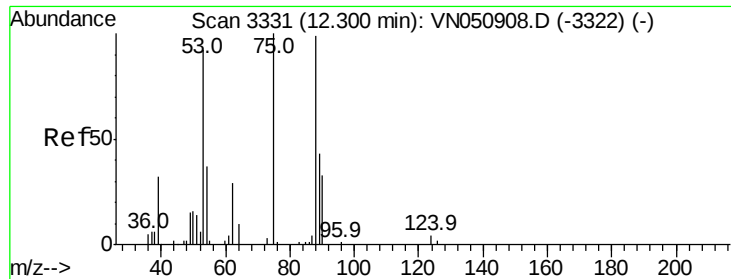
105 100

120 49.6 0.0 99.6



Abundance Ion 105.00 (104.70 to 105.70): VN050908.D (-3452) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.542 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

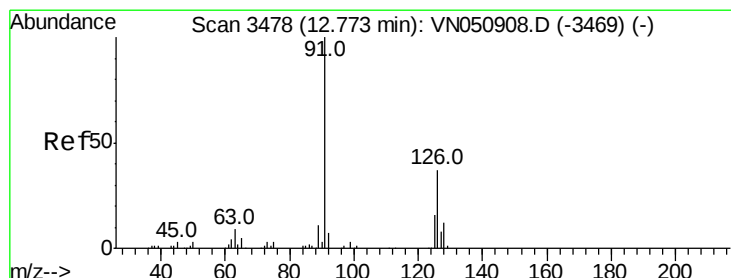
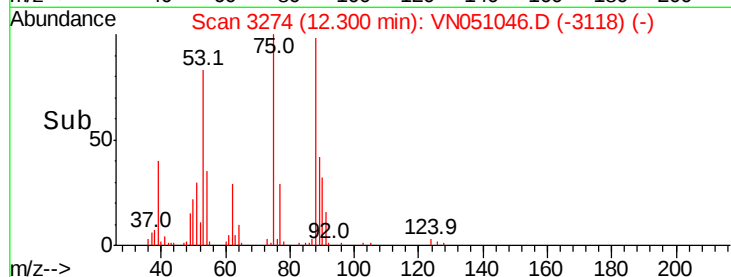
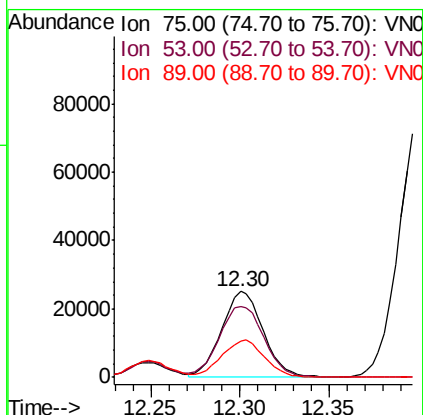
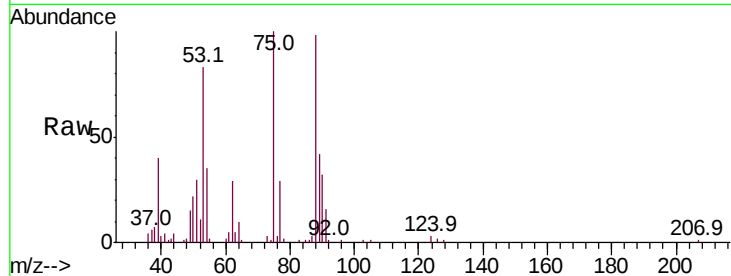
Tot Ion: 75 Resp: 41251

Ion Ratio Lower Upper

75 100

53 83.1 45.5 136.4

89 42.3 21.9 65.8



#78

4-Chlorotoluene

Concen: 18.272 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051046.D

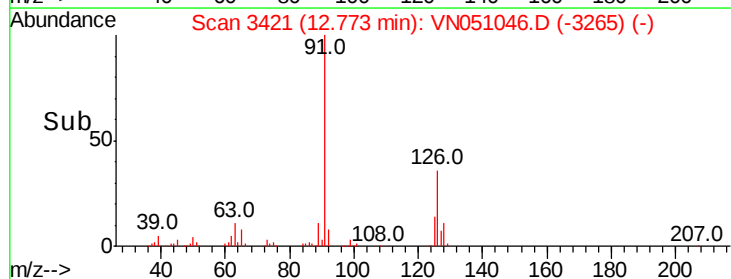
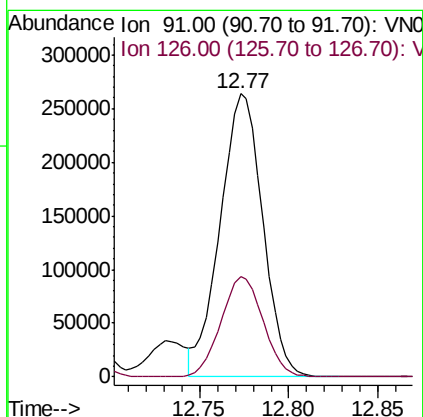
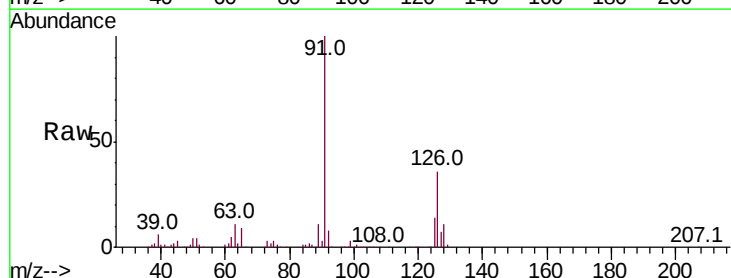
Acq: 7 Sep 2018 10:50

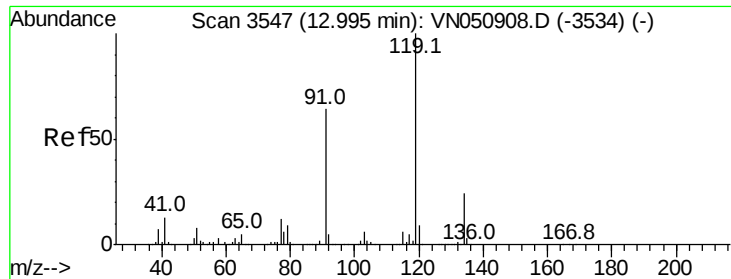
Tgt Ion: 91 Resp: 436642

Ion Ratio Lower Upper

91 100

126 35.1 0.0 69.8

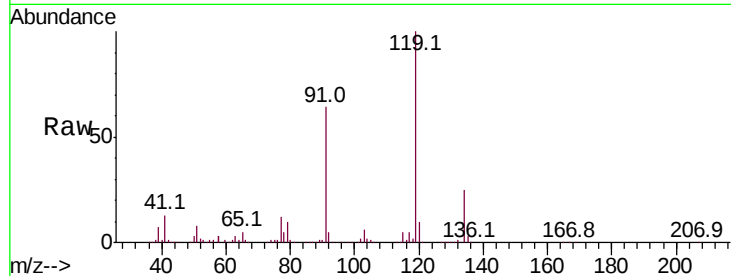




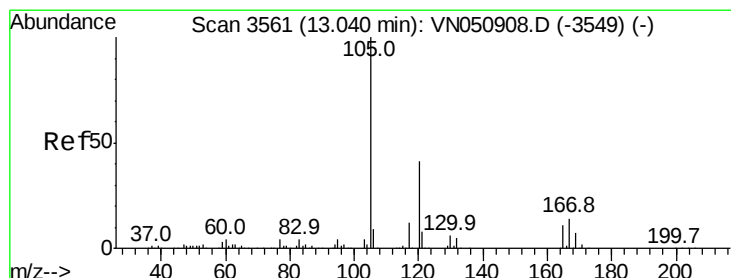
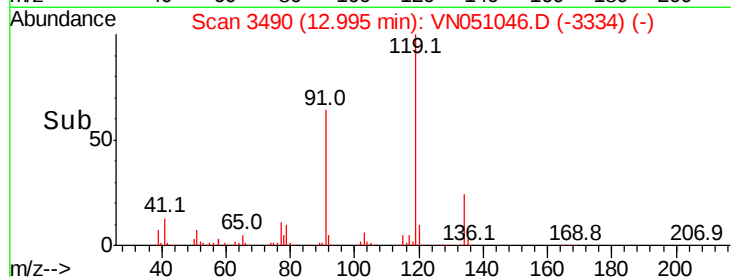
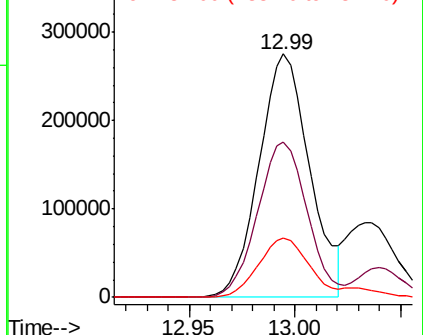
#79
tert-butylbenzene
Concen: 18.368 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Instrument :
MSVOA_N
ClientSampled :
VN0907WBSD01

Tot Ion:119 Resp: 460640
Ion Ratio Lower Upper
119 100
91 62.7 0.0 125.6
134 24.2 0.0 48.4

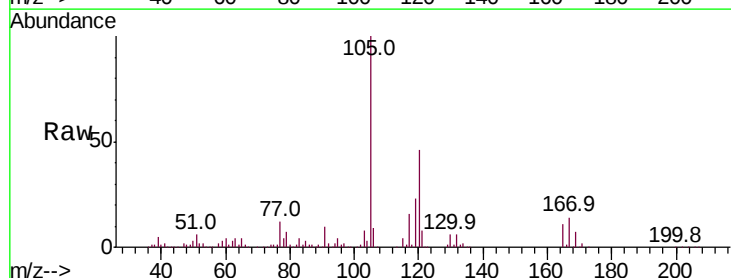


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

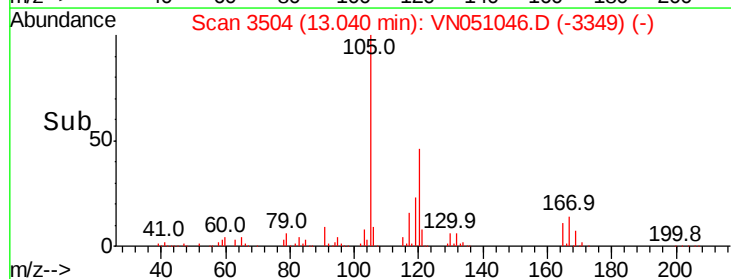
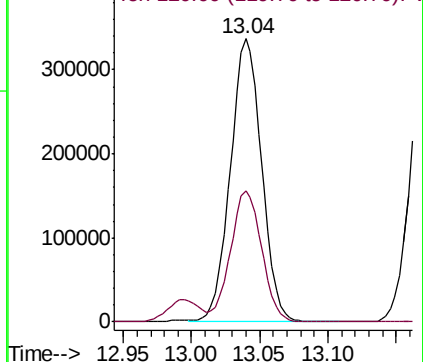


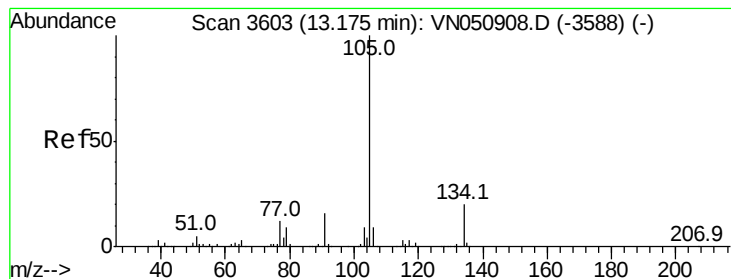
#80
1,2,4-Trimethylbenzene
Concen: 18.613 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion:105 Resp: 535862
Ion Ratio Lower Upper
105 100
120 46.4 0.0 93.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.125 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

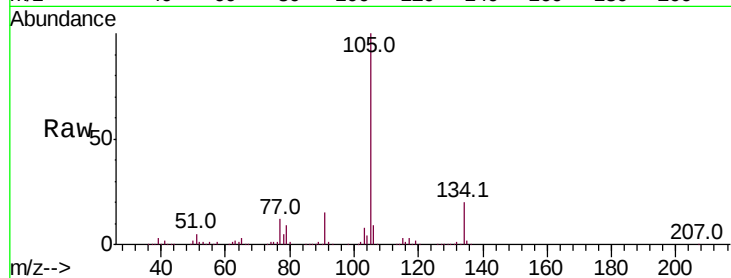
VN0907WBSD01

Tot Ion:105 Resp: 594729

Ion Ratio Lower Upper

105 100

134 20.7 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

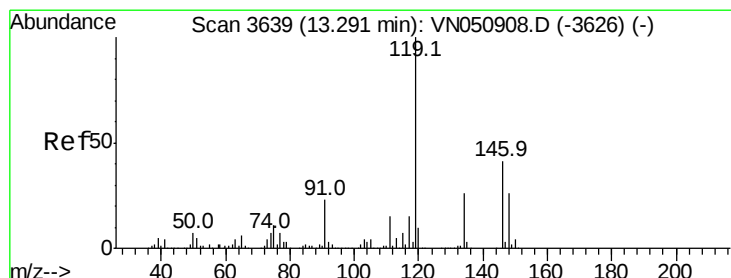
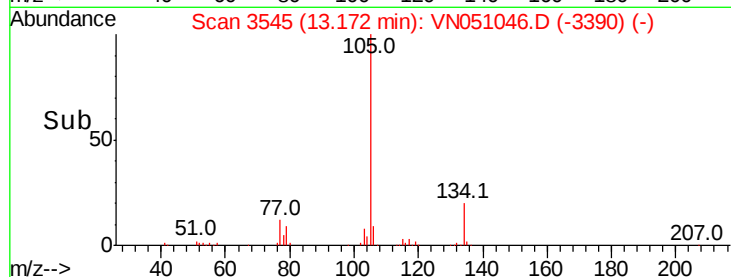
300000

200000

100000

0

Time--> 13.10 13.15 13.20 13.25



#82

p-Isopropyltoluene

Concen: 18.161 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

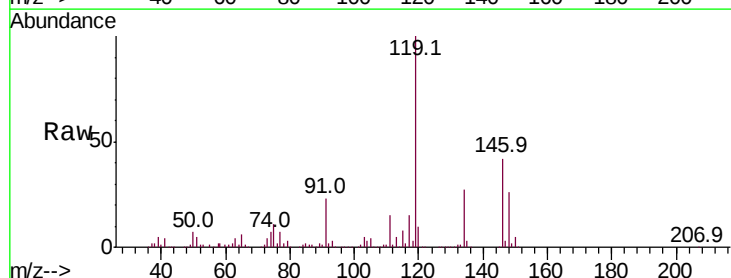
Tgt Ion:119 Resp: 514363

Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.2

91 22.6 0.0 46.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

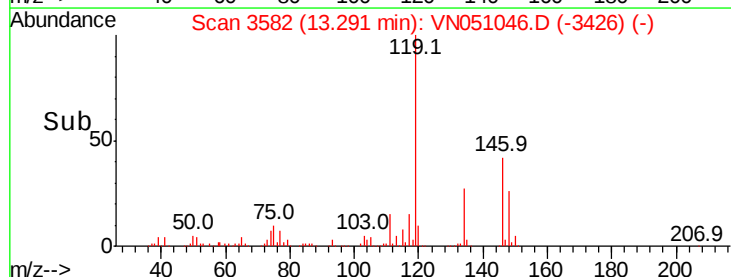
300000

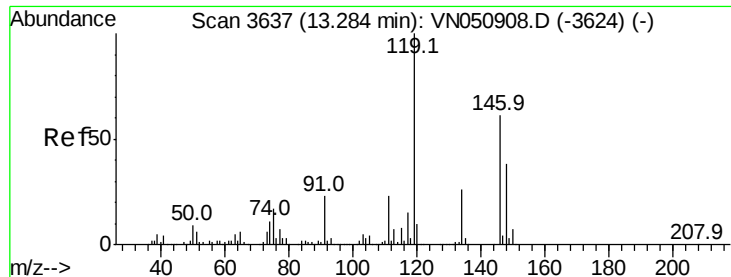
200000

100000

0

Time--> 13.20 13.25 13.30 13.35





#83

1,3-Dichlorobenzene

Concen: 18.126 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

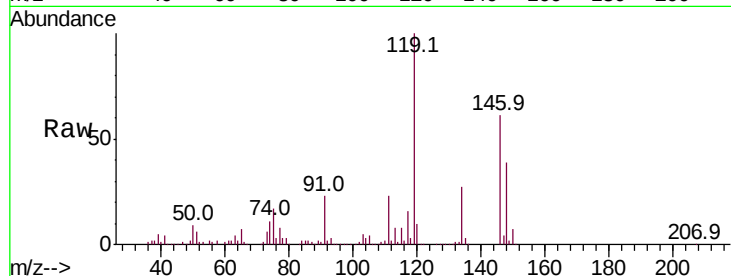
Tot Ion:146 Resp: 284912

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.6

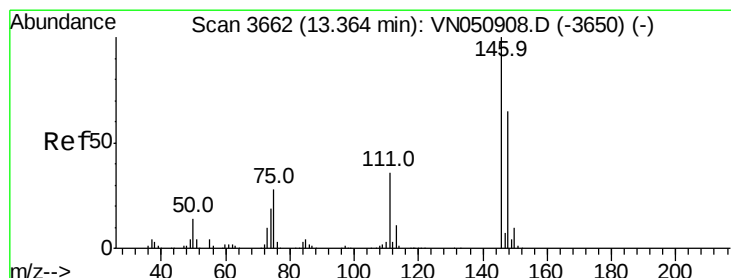
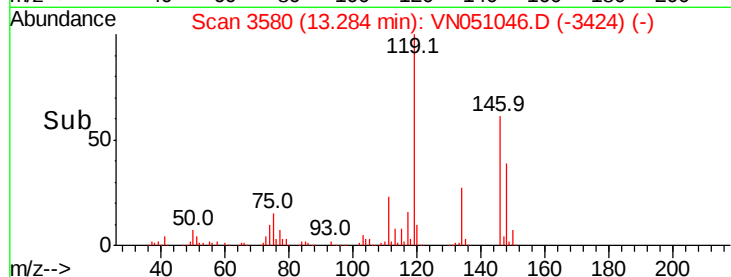
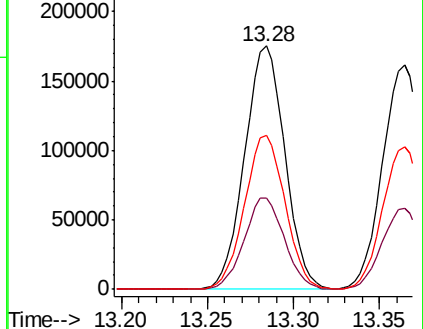
148 63.7 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 17.913 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

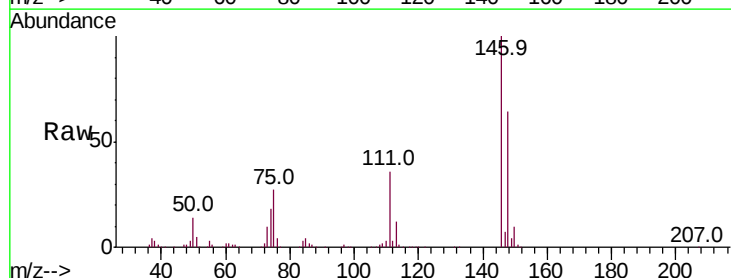
Tgt Ion:146 Resp: 266783

Ion Ratio Lower Upper

146 100

111 36.6 17.7 53.1

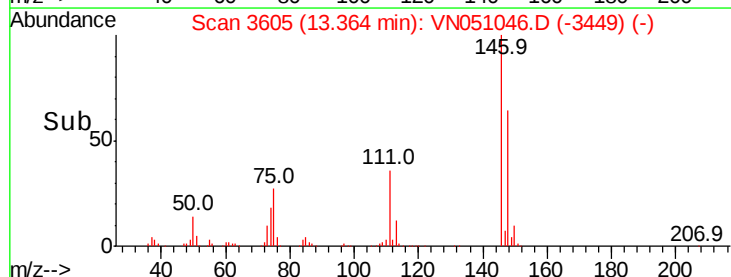
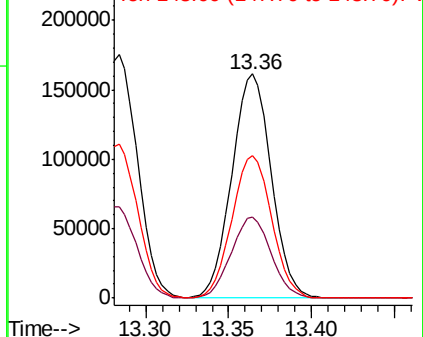
148 64.2 31.6 94.8

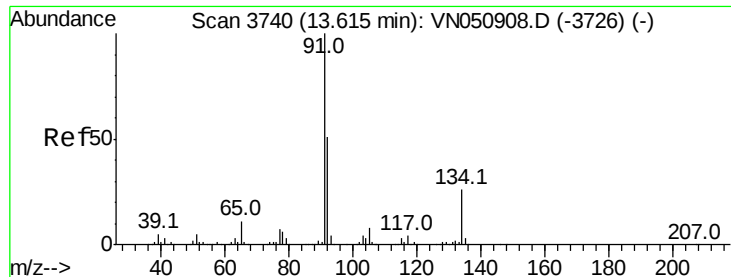


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

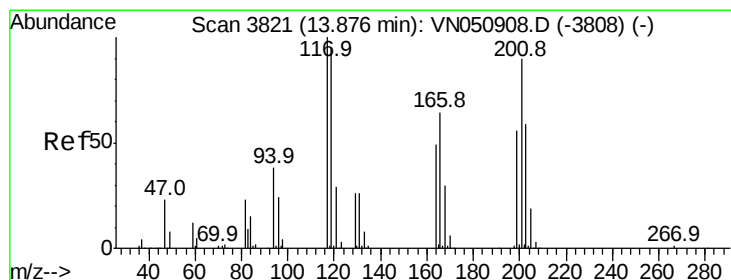
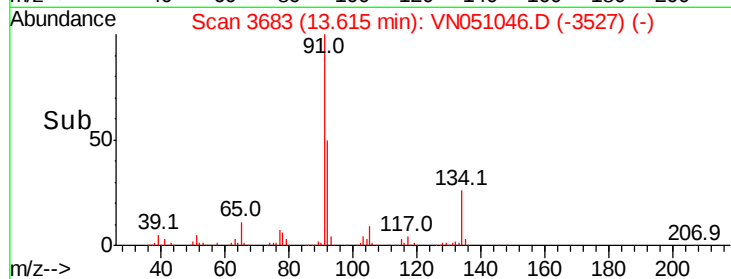
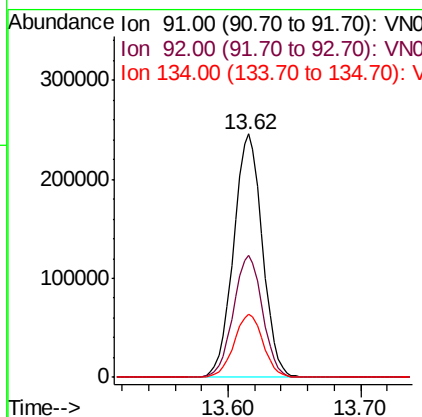
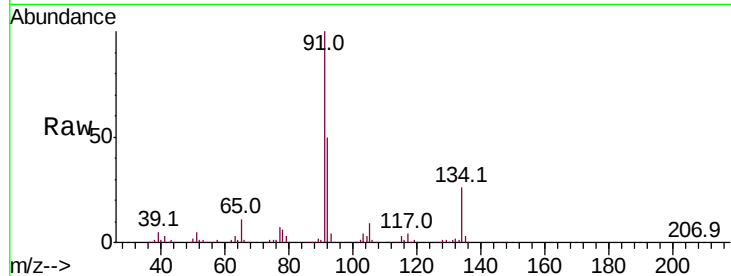




#85
n-Butylbenzene
Concen: 17.128 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

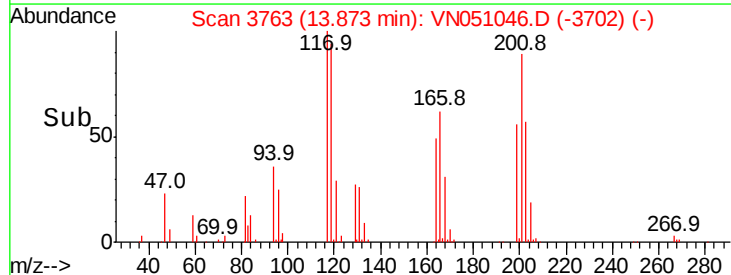
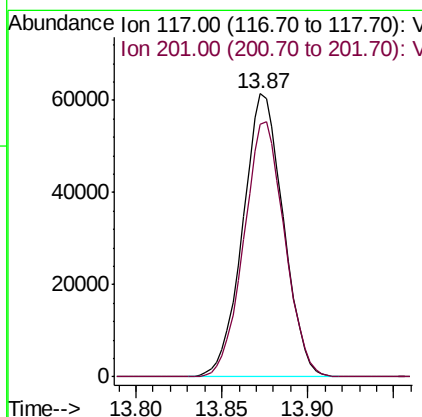
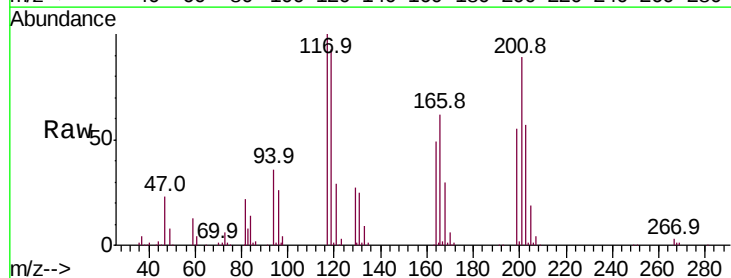
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

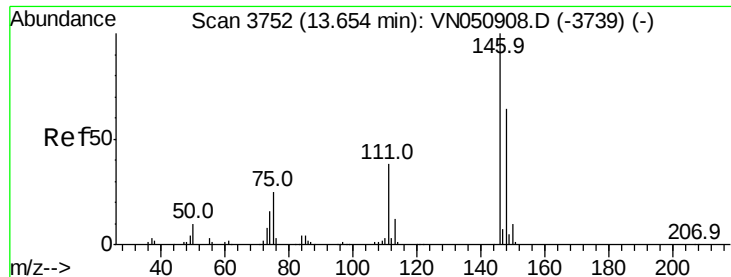
Tot Ion: 91 Resp: 370153
Ion Ratio Lower Upper
91 100
92 50.7 0.0 101.8
134 26.0 0.0 52.2



#86
Hexachloroethane
Concen: 18.466 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051046.D
Acq: 7 Sep 2018 10:50

Tgt Ion: 117 Resp: 100386
Ion Ratio Lower Upper
117 100
201 90.2 45.8 137.4

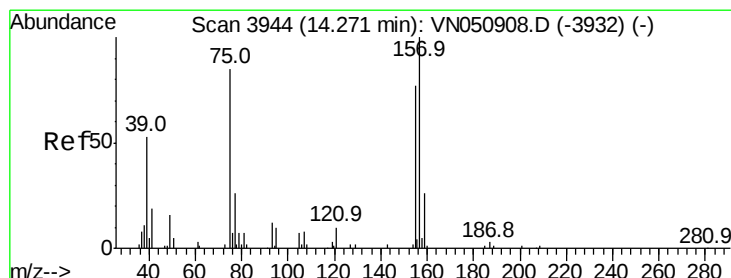
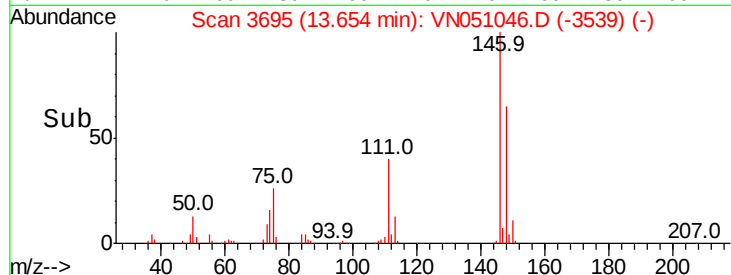
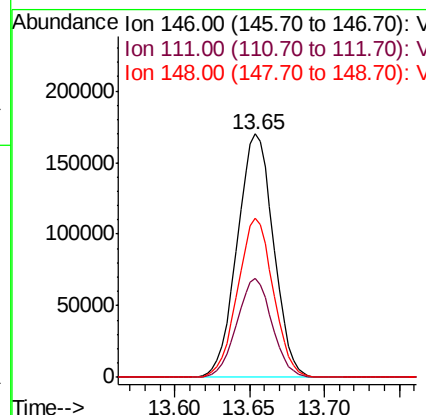
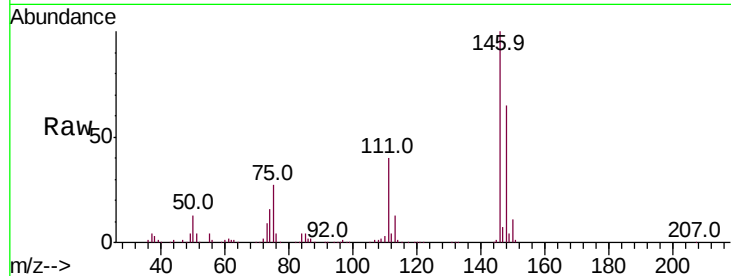




#87
 1,2-Dichlorobenzene
 Concen: 18.565 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

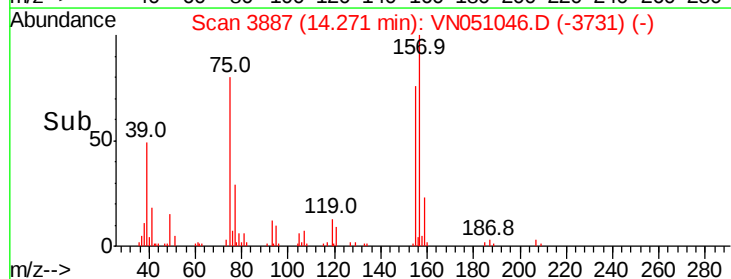
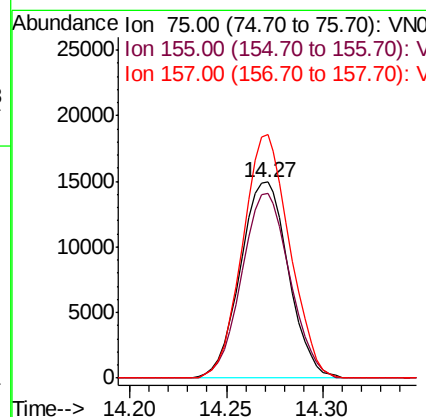
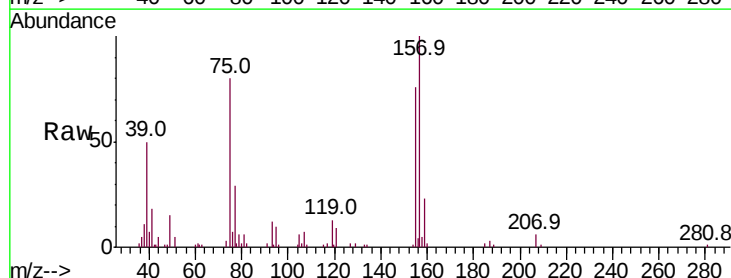
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

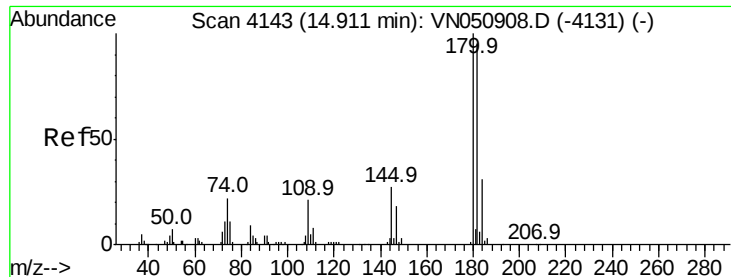
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.1
148	64.1	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.330 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	71.8	107.6
157	121.1	91.1	136.7

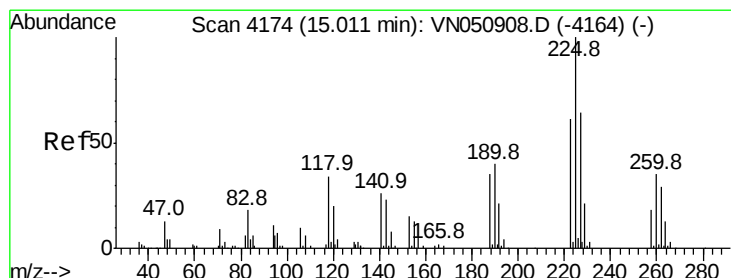
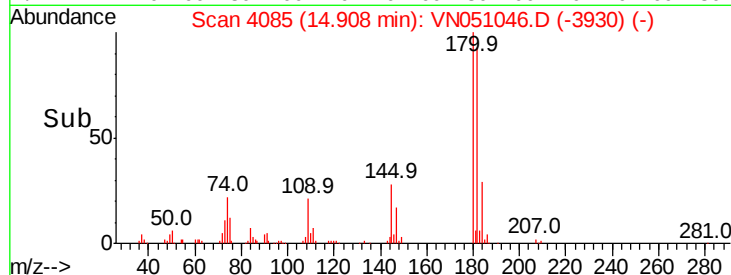
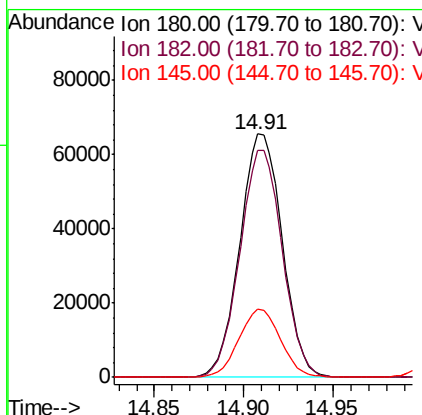
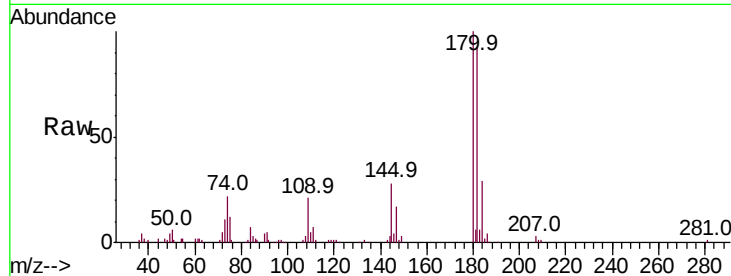




#89
 1,2,4-Trichlorobenzene
 Concen: 15.792 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

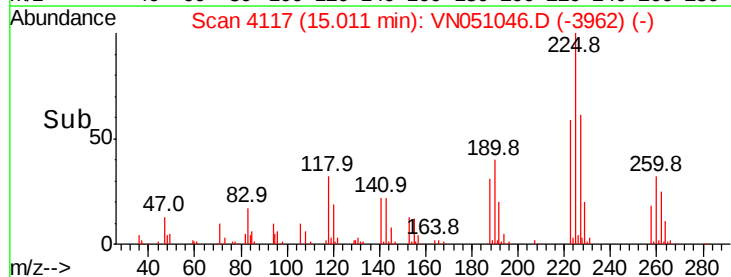
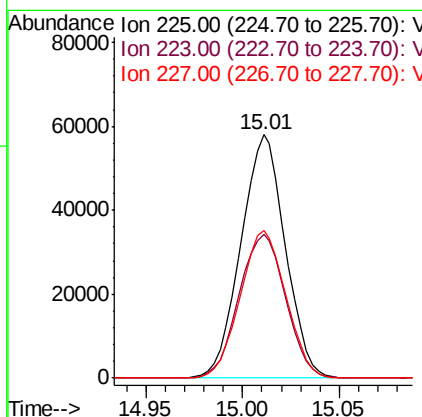
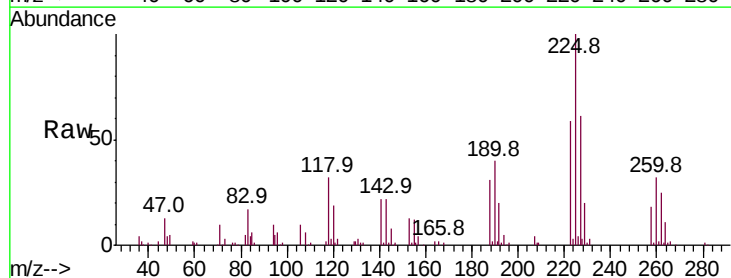
Instrument :
 MSVOA_N
 ClientSampled :
 VN0907WBSD01

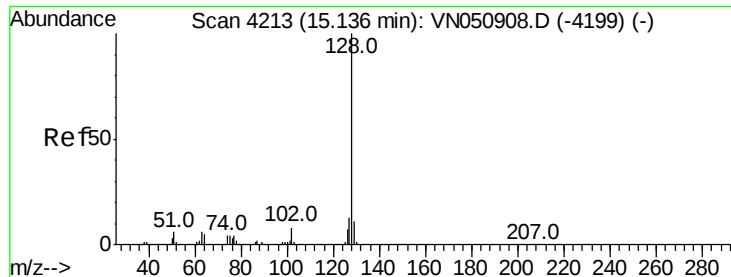
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.2	114.4
145	27.3	22.2	33.4



#90
 Hexachlorobutadiene
 Concen: 19.772 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051046.D
 Acq: 7 Sep 2018 10:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	127.8
227	62.5	0.0	128.4





#91

Naphthalene

Concen: 18.397 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

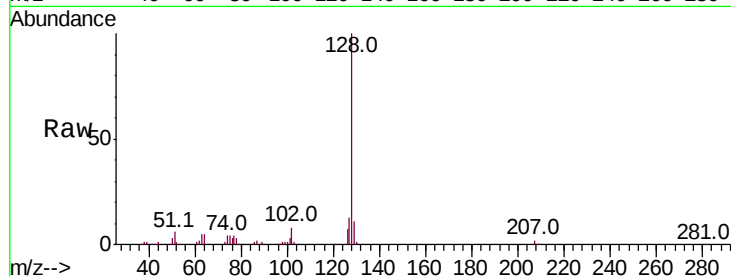
Tot Ion:128 Resp: 211415

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

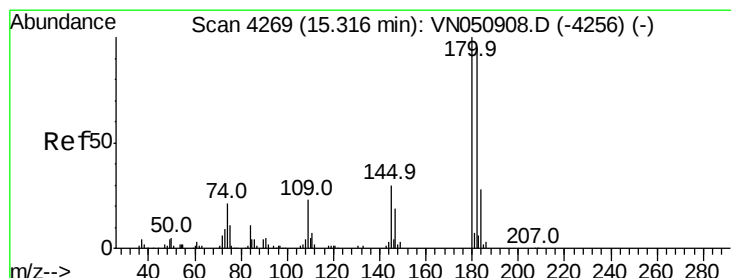
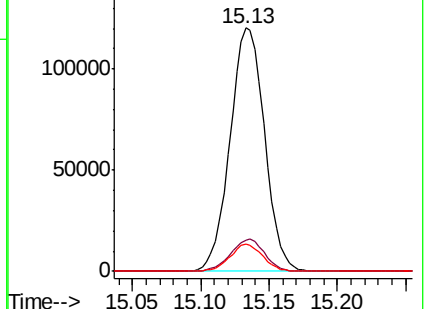
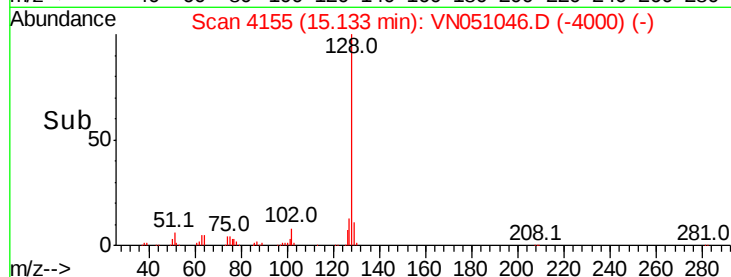
129 10.6 8.7 13.1



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: 16.550 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051046.D

Acq: 7 Sep 2018 10:50

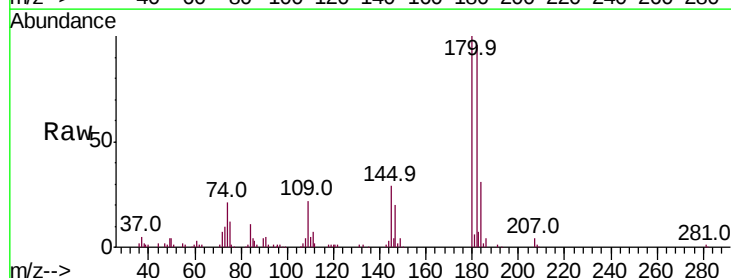
Tgt Ion:180 Resp: 114383

Ion Ratio Lower Upper

180 100

182 94.6 0.0 192.8

145 29.0 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

