

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
 Data File : VN051168.D
 Acq On : 13 Sep 2018 13:44
 Operator : MD\SY
 Sample : VN0913WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

Quant Time: Sep 14 01:09:23 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	109820	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	590578	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	517826	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	206386	29.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.17%
60) 4-Bromofluorobenzene	12.40	95	226648	29.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.10%
63) Toluene-d8	10.09	98	726646	30.09	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	96518	14.15	ug/l	98
3) Chloromethane	2.06	50	131420	16.32	ug/l	97
4) Vinyl Chloride	2.18	62	135237	17.00	ug/l	98
5) Bromomethane	2.56	94	73377	15.13	ug/l	97
6) Chloroethane	2.70	64	82634	17.61	ug/l	97
7) Trichlorofluoromethane	3.01	101	189370	17.95	ug/l	98
8) Diethyl Ether	3.41	74	68134	18.32	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	118970	18.21	ug/l	97
10) 1,1-Dichloroethene	3.73	96	107445	18.11	ug/l	98
11) Methyl Iodide	3.95	142	78416	14.16	ug/l	99
12) Methyl Acetate	4.33	43	106779	15.56	ug/l	100
13) Acrolein	3.61	56	45699	300.77	ug/l	99
14) Acrylonitrile	5.00	53	216878	93.48	ug/l	97
15) Acetone	3.82	58	60514	101.93	ug/l	92
16) Carbon Disulfide	4.05	76	305802	17.14	ug/l	100
17) Allyl chloride	4.32	41	164300	17.60	ug/l	96
18) Methylene Chloride	4.55	84	130336	18.71	ug/l	98
19) trans-1,2-Dichloroethene	5.04	96	114690	18.14	ug/l	99
20) Diisopropyl ether	5.95	45	362240	18.69	ug/l	96
21) 1,1-Dichloroethane	5.85	63	218926	18.42	ug/l	100
22) cis-1,2-Dichloroethene	6.83	96	132276	18.52	ug/l	98
23) tert-Butyl Alcohol	4.79	59	23135	46.89	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	303289	18.69	ug/l	99
25) Chloroform	7.37	83	225083	18.98	ug/l	97
26) Cyclohexane	7.65	56	172581	17.53	ug/l	# 99
29) 1,1-Dichloropropene	7.79	75	163747	18.52	ug/l	99
30) 2-Butanone	6.84	43	249231	91.63	ug/l	100
31) 2,2-Dichloropropane	6.83	77	176873	20.56	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	190225	18.97	ug/l	99
33) Carbon Tetrachloride	7.78	117	165905	18.37	ug/l	95
34) Benzene	8.04	78	506566	18.52	ug/l	99
35) Methacrylonitrile	7.18	41	54712	18.36	ug/l	92
36) 1,2-Dichloroethane	8.13	62	154687	18.70	ug/l	99
37) Trichloroethene	8.84	130	133464	18.67	ug/l	97
38) Methylcyclohexane	9.08	83	171007	18.01	ug/l	98
39) 1,2-Dichloropropane	9.12	63	134245	18.79	ug/l	100
40) Dibromomethane	9.21	93	80872	18.79	ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	166660	18.37	ug/l	96
42) Vinyl Acetate	5.90	43	1195376	95.41	ug/l	98
43) Ethyl Acetate	6.93	43	106118	19.04	ug/l	100
44) Isopropyl Acetate	8.17	43	189562	19.28	ug/l	98
45) 1,4-Dioxane	9.20	88	26796	366.88	ug/l	96
46) Methyl methacrylate	9.20	41	85609	17.39	ug/l	98
47) n-amyl Acetate	12.07	43	135046	17.08	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	161234	18.13	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	193246	18.92	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	119603	19.13	ug/l	99
51) Ethyl methacrylate	10.43	69	139756	18.27	ug/l	99
52) 1,3-Dichloropropane	10.71	76	193145	18.65	ug/l	98
53) Dibromochloromethane	10.90	129	131810	18.54	ug/l	100
54) 1,2-Dibromoethane	11.01	107	114836	18.57	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	285011	89.54	ug/l	99
56) Bromoform	12.13	173	95113	18.81	ug/l	97
58) 4-Methyl-2-Pentanone	9.99	43	537412	90.71	ug/l	99
59) 2-Hexanone	10.75	43	348529	90.00	ug/l	99
61) Tetrachloroethene	10.63	164	123354	19.12	ug/l	99
62) Toluene	10.16	91	548982	19.00	ug/l	100
64) Chlorobenzene	11.43	112	338096	18.88	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	130775	19.35	ug/l	99
66) Ethyl Benzene	11.51	91	552349	18.46	ug/l	99
67) m/p-Xylenes	11.62	106	441528	38.35	ug/l	99
68) o-Xylene	11.95	106	210628	19.15	ug/l	100
69) Styrene	11.96	104	331563	18.96	ug/l	100
70) Isopropylbenzene	12.25	105	561987	19.22	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	153695	19.42	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	174178	25.51	ug/l	97
73) Bromobenzene	12.53	156	145087	18.86	ug/l	99
74) n-propylbenzene	12.59	91	616094	18.64	ug/l	99
75) 2-Chlorotoluene	12.67	91	383268	19.09	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	455235	19.06	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	35220	18.10	ug/l	97
78) 4-Chlorotoluene	12.77	91	367811	18.60	ug/l	98
79) tert-butylbenzene	12.99	119	392870	18.94	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	462981	19.44	ug/l	99
81) sec-Butylbenzene	13.17	105	512344	18.87	ug/l	99
82) p-Isopropyltoluene	13.29	119	438247	18.70	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	239071	18.38	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	223098	18.11	ug/l	98
85) n-Butylbenzene	13.62	91	305786	17.10	ug/l	99
86) Hexachloroethane	13.87	117	85445	19.00	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	238460	18.63	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	20421	18.44	ug/l	92
89) 1,2,4-Trichlorobenzene	14.91	180	83472	14.65	ug/l	98
90) Hexachlorobutadiene	15.01	225	78394	20.25	ug/l	99
91) Naphthalene	15.13	128	159191	17.51	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	92638	16.20	ug/l	99

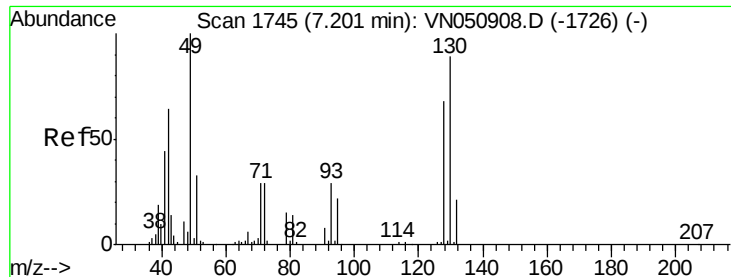
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS02

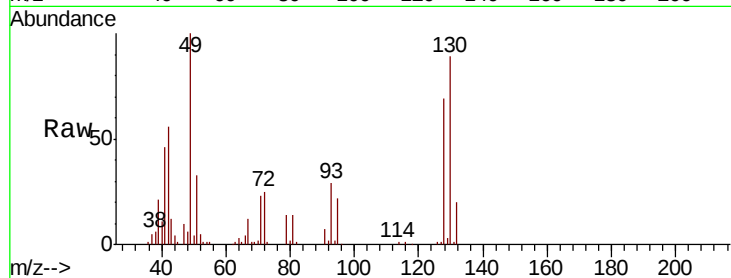
Tot Ion:128 Resp: 109820

Ion Ratio Lower Upper

128 100

49 145.9 0.0 380.3

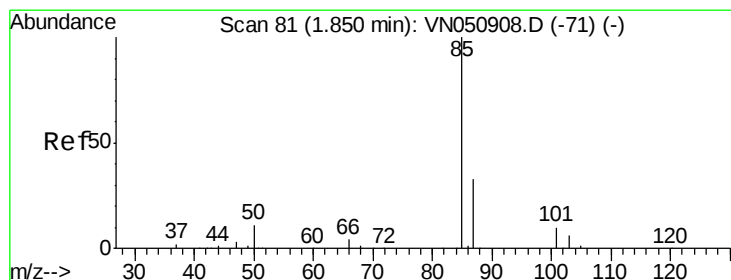
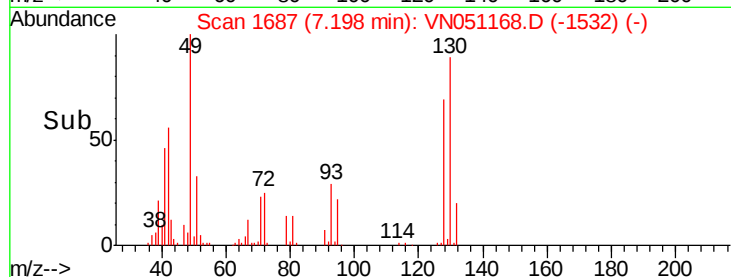
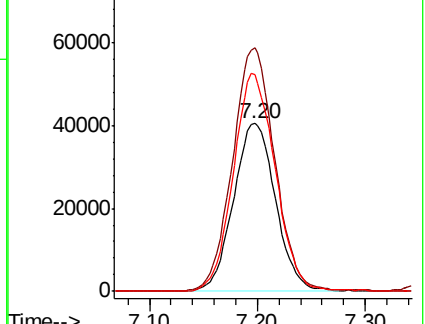
130 130.0 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 14.15 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051168.D

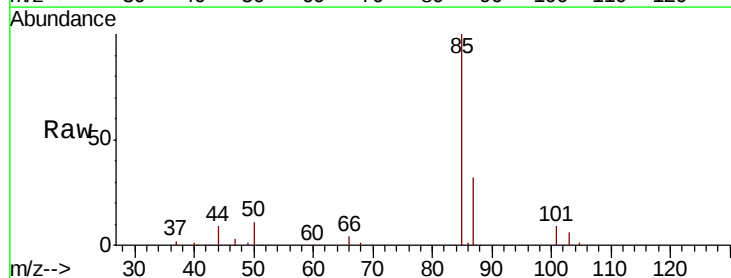
Acq: 13 Sep 2018 13:44

Tgt Ion: 85 Resp: 96518

Ion Ratio Lower Upper

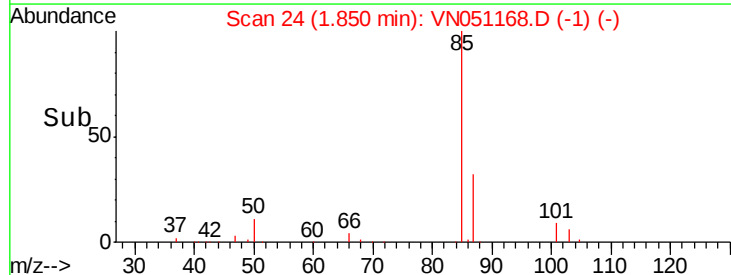
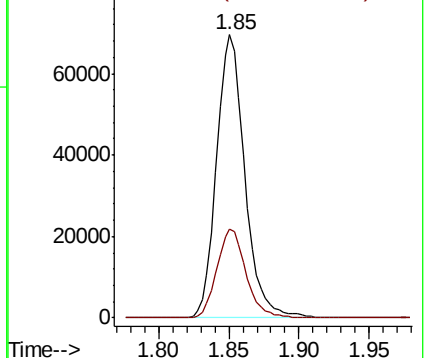
85 100

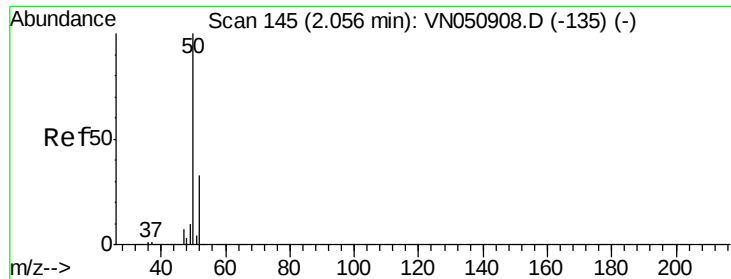
87 31.6 16.4 49.1



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 16.32 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

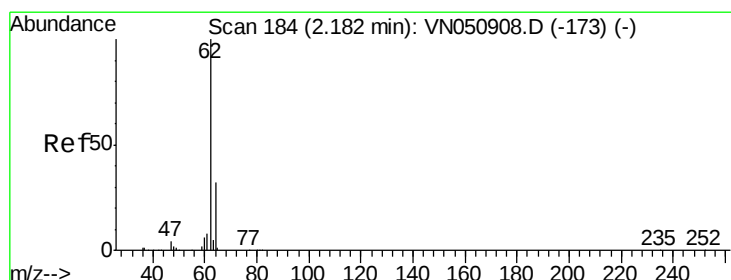
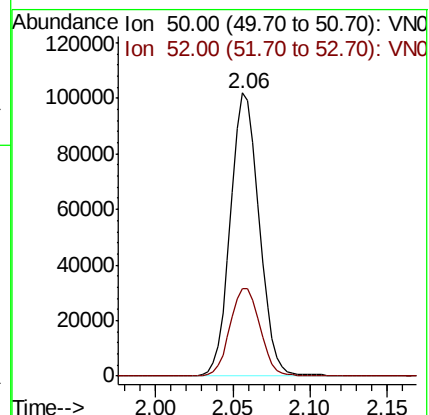
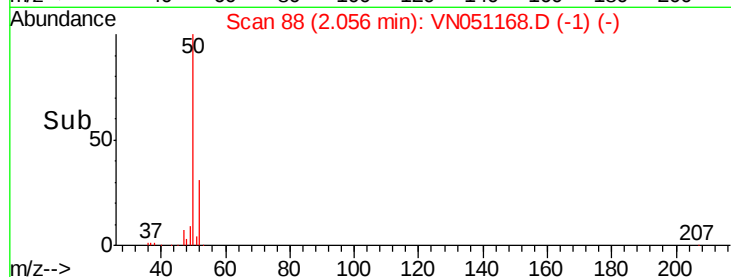
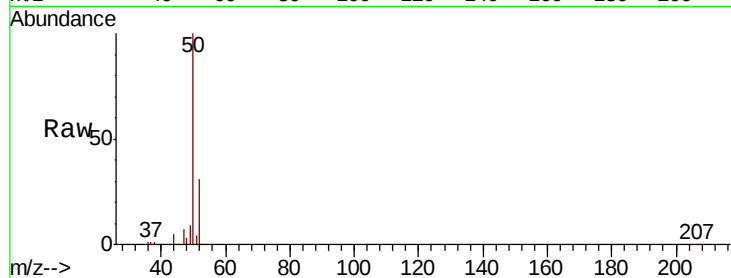
VN0913WBS02

Tot Ion: 50 Resp: 131420

Ion Ratio Lower Upper

50 100

52 30.8 26.2 39.4



#4

Vinyl Chloride

Concen: 17.00 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051168.D

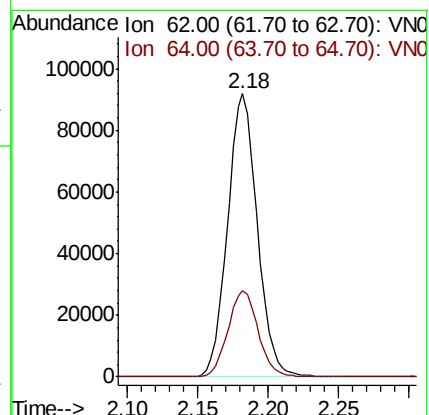
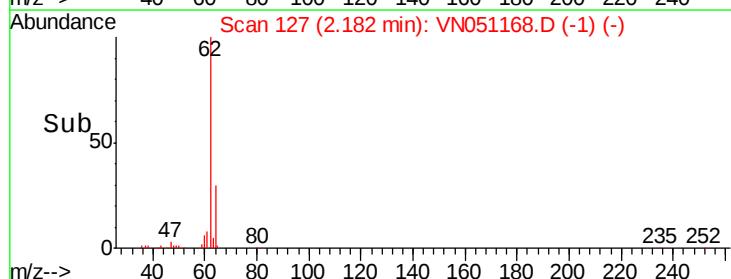
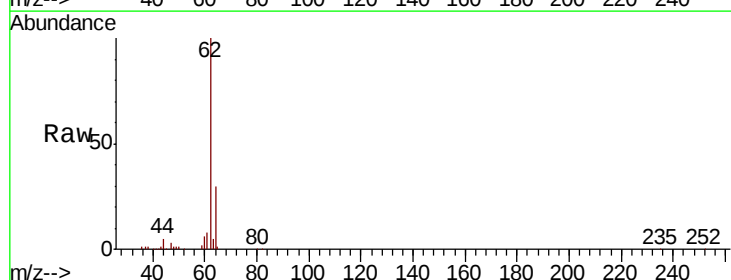
Acq: 13 Sep 2018 13:44

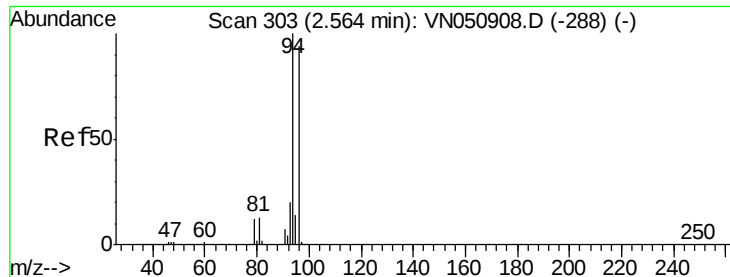
Tgt Ion: 62 Resp: 135237

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.0





#5

Bromomethane

Concen: 15.13 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

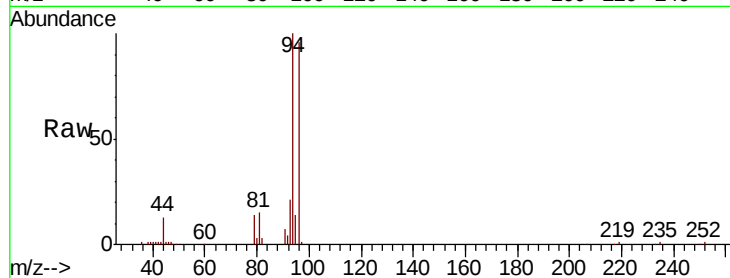
VN0913WBS02

Tot Ion: 94 Resp: 73377

Ion Ratio Lower Upper

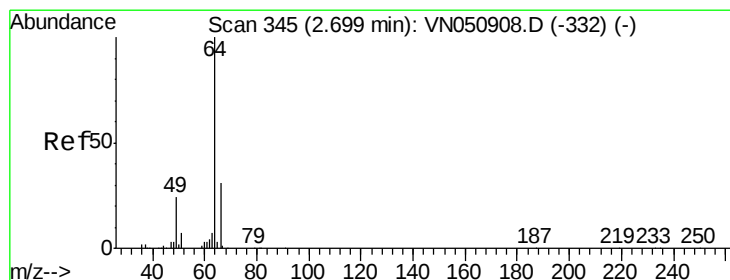
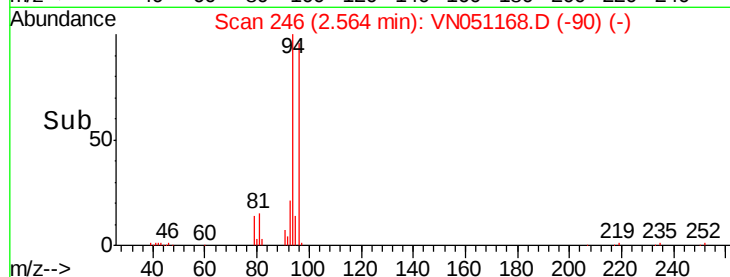
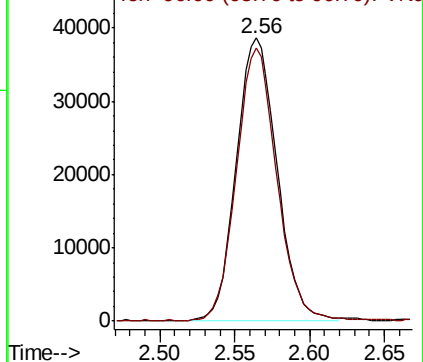
94 100

96 96.3 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 17.61 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051168.D

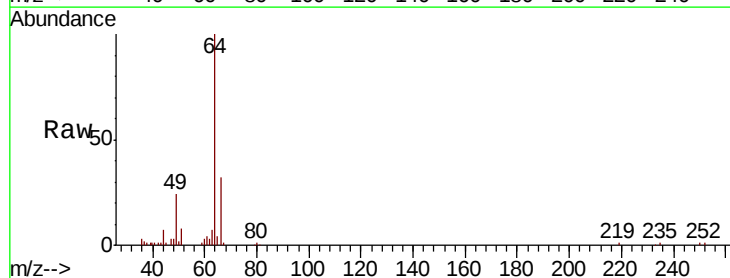
Acq: 13 Sep 2018 13:44

Tgt Ion: 64 Resp: 82634

Ion Ratio Lower Upper

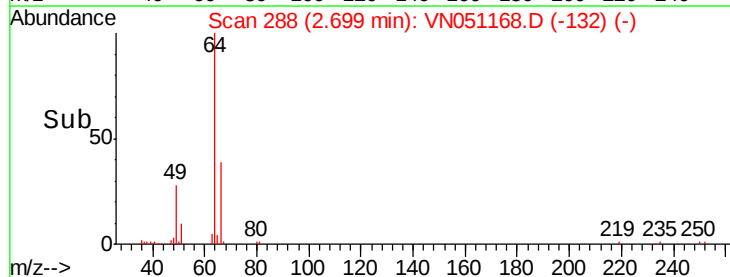
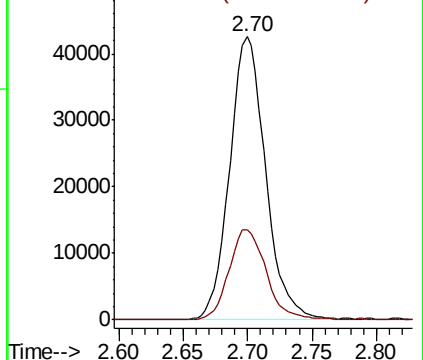
64 100

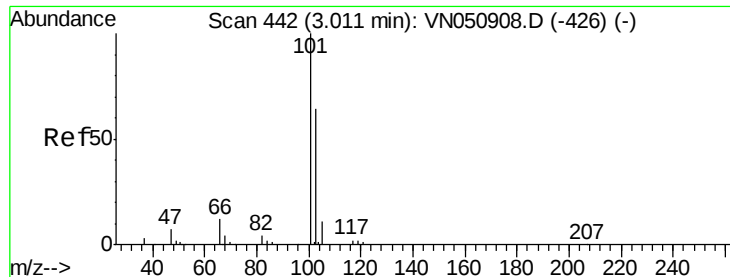
66 32.1 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



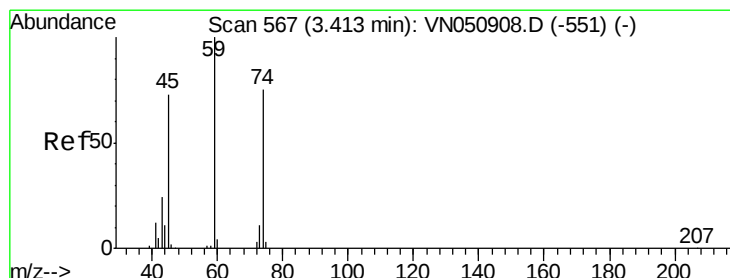
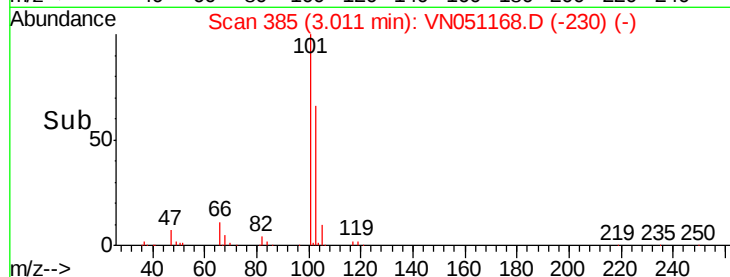
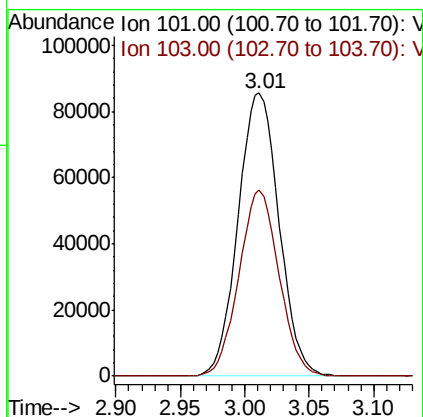
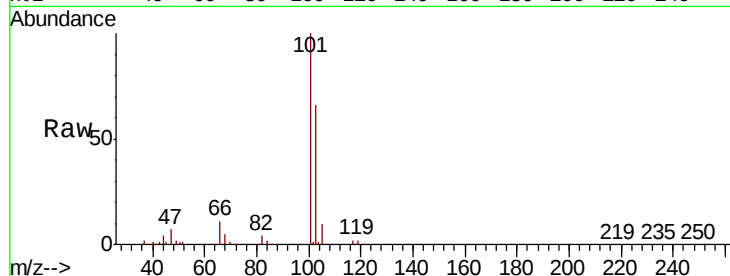


#7

Trichlorofluoromethane
 Concen: 17.95 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Instrument :
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 VN0913WBS02

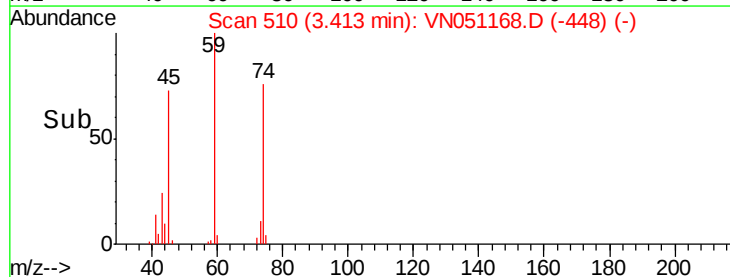
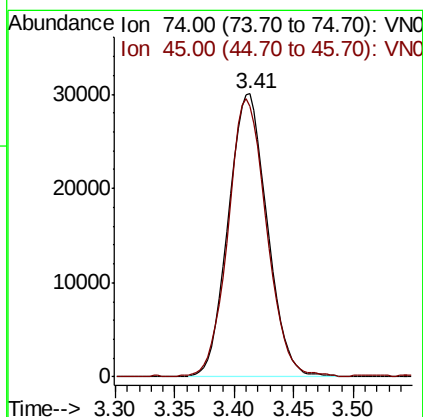
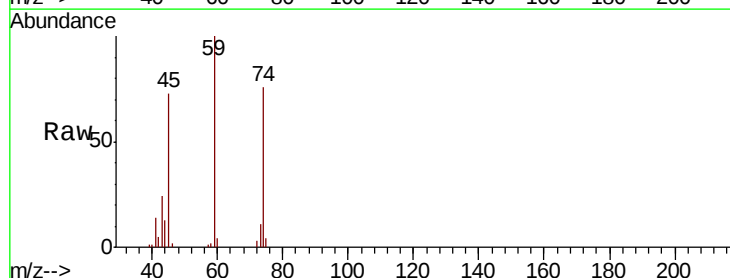
Tot Ion:101 Resp: 189370
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.3 76.9

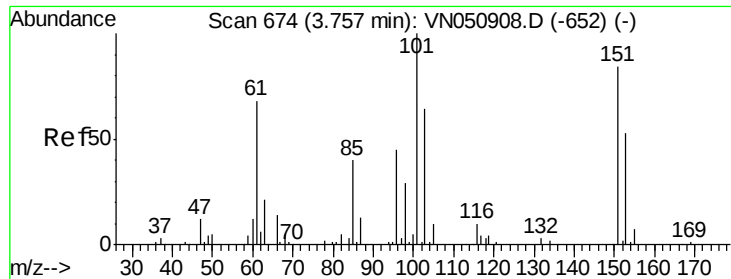


#8

Diethyl Ether
 Concen: 18.32 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion: 74 Resp: 68134
 Ion Ratio Lower Upper
 74 100
 45 97.4 19.7 177.1

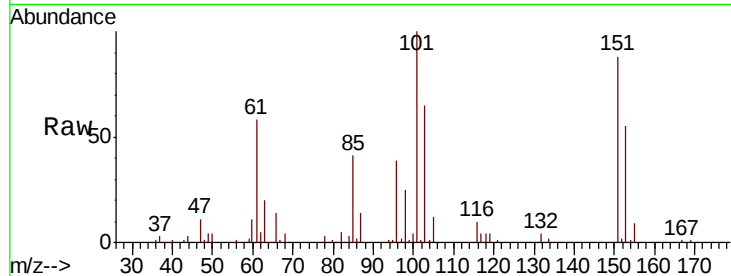




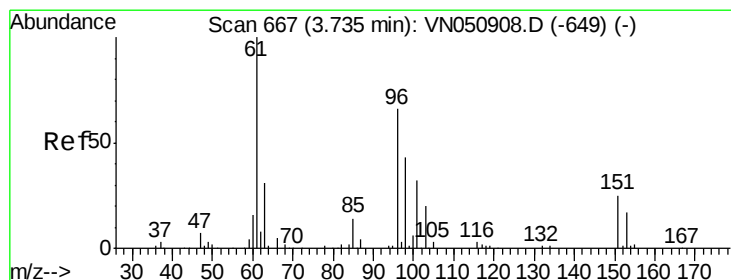
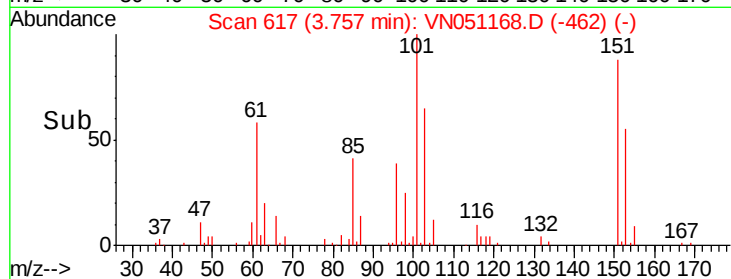
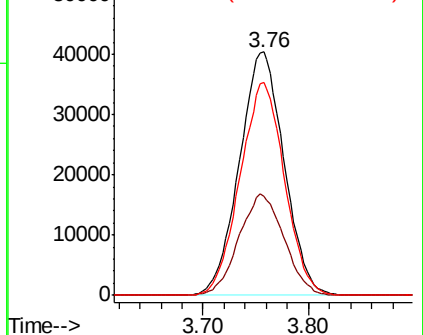
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.21 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0913WBS02

Tot Ion:101 Resp: 118970
 Ion Ratio Lower Upper
 101 100
 85 41.9 0.0 83.6
 151 86.9 0.0 167.0

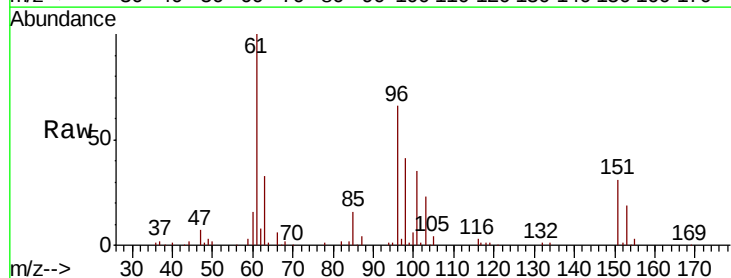


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VN
 Ion 151.00 (150.70 to 151.70): V

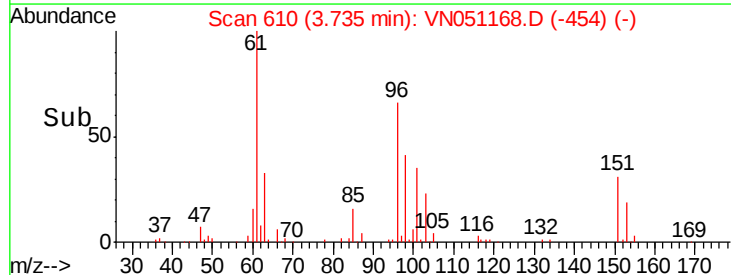
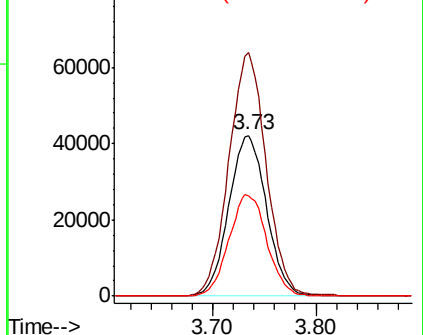


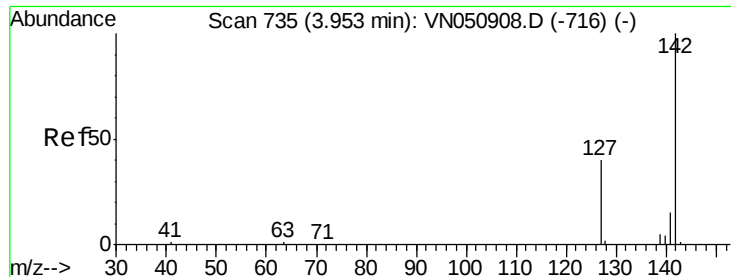
#10
 1,1-Dichloroethene
 Concen: 18.11 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion: 96 Resp: 107445
 Ion Ratio Lower Upper
 96 100
 61 151.0 121.8 182.8
 98 62.5 52.3 78.5



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

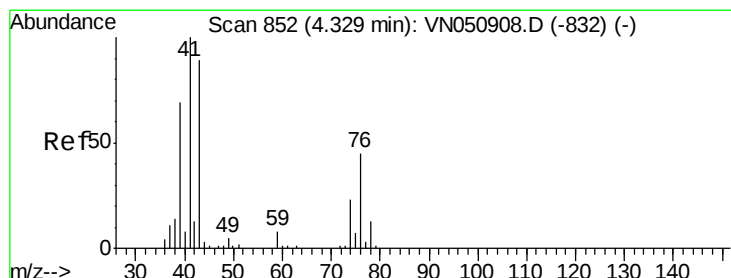
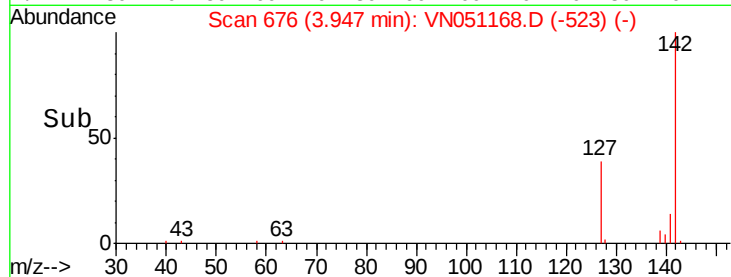
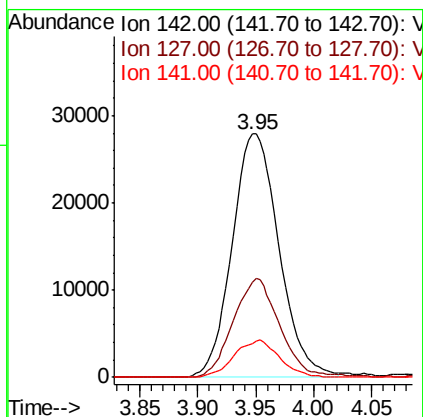
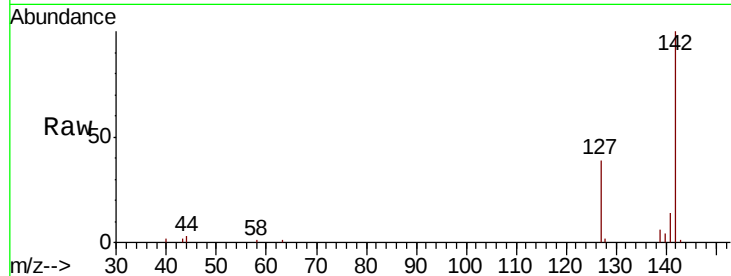




#11
Methvl Iodide
Concen: 14.16 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.01 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

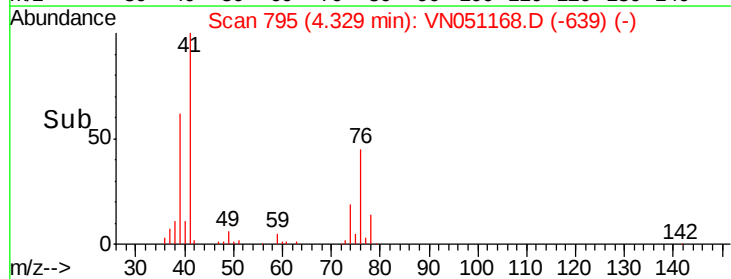
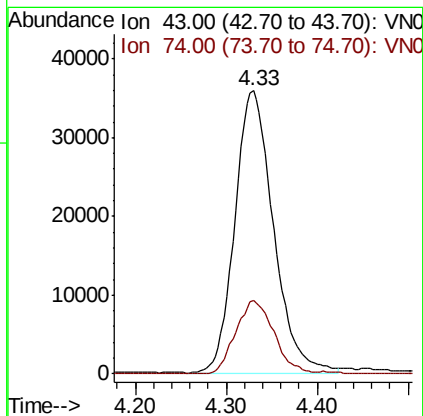
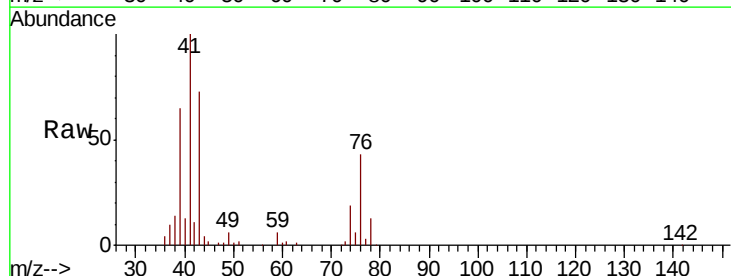
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

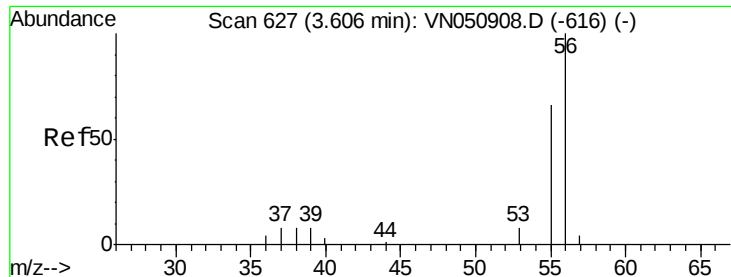
Tot Ion:142 Resp: 78416
Ion Ratio Lower Upper
142 100
127 39.0 19.7 59.1
141 14.2 7.3 22.0



#12
Methyl Acetate
Concen: 15.56 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 43 Resp: 106779
Ion Ratio Lower Upper
43 100
74 25.9 20.6 31.0





#13

Acrolein

Concen: 300.77 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

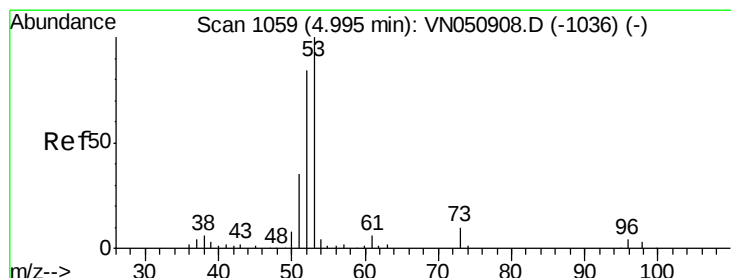
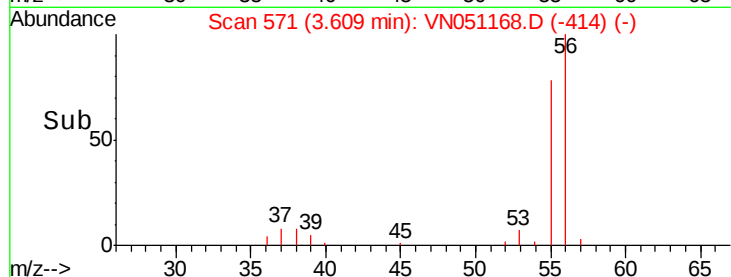
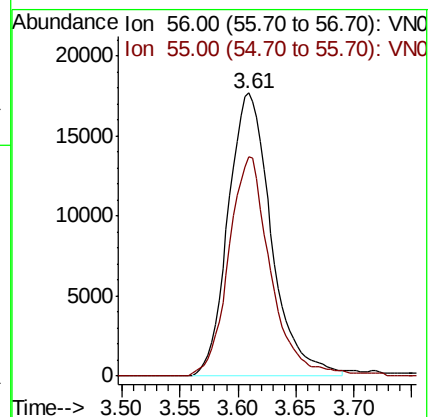
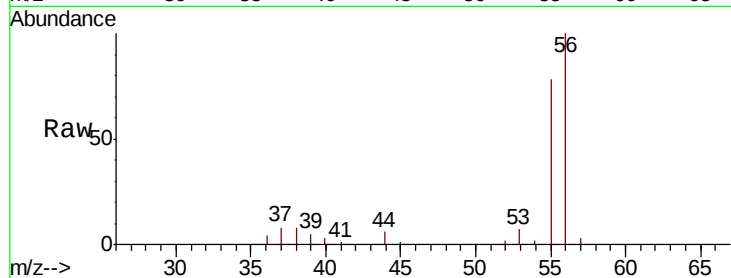
VN0913WBS02

Tot Ion: 56 Resp: 45699

Ion Ratio Lower Upper

56 100

55 74.7 59.1 88.7



#14

Acrylonitrile

Concen: 93.48 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

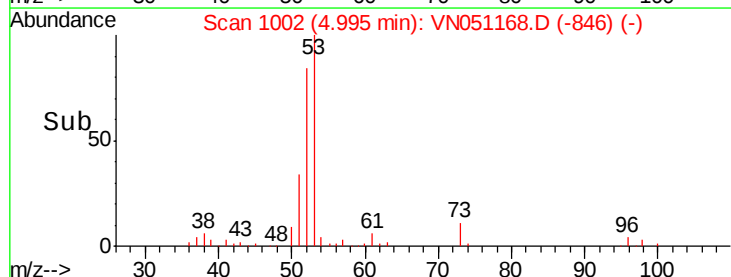
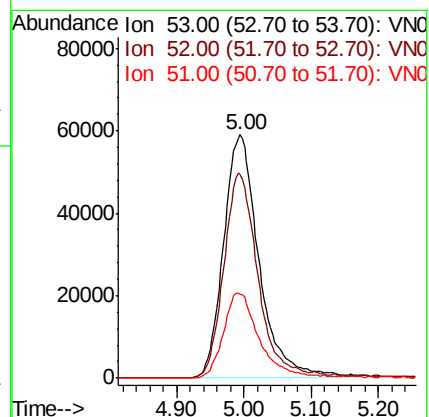
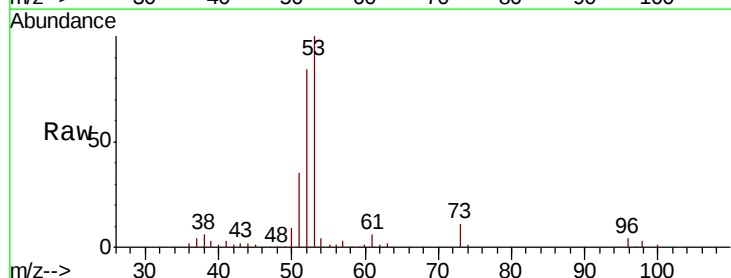
Tgt Ion: 53 Resp: 216878

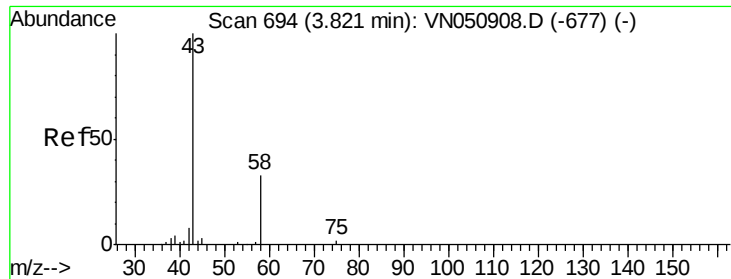
Ion Ratio Lower Upper

53 100

52 80.3 42.2 126.6

51 34.8 17.7 53.1





#15

Acetone

Concen: 101.93 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

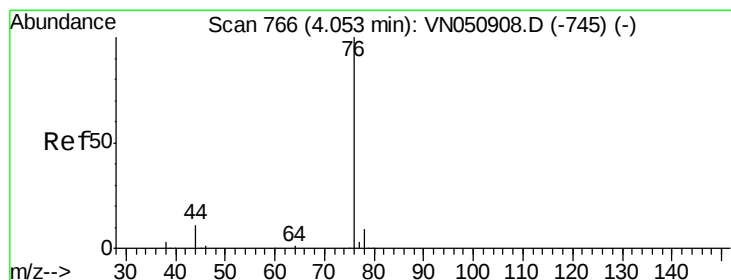
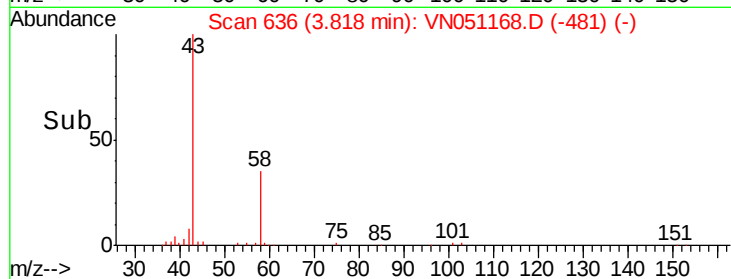
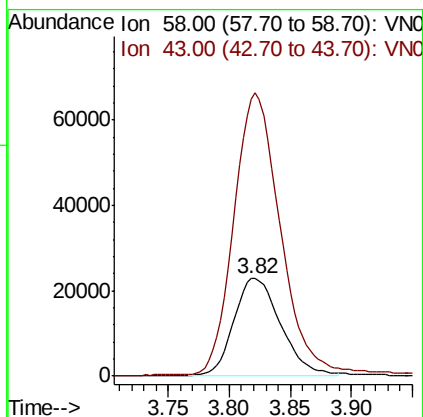
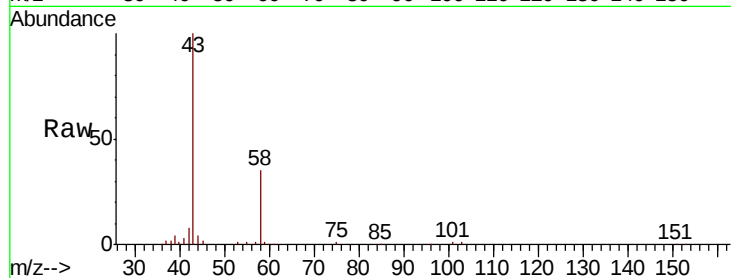
VN0913WBS02

Tot Ion: 58 Resp: 60514

Ion Ratio Lower Upper

58 100

43 283.4 239.4 359.0



#16

Carbon Disulfide

Concen: 17.14 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN051168.D

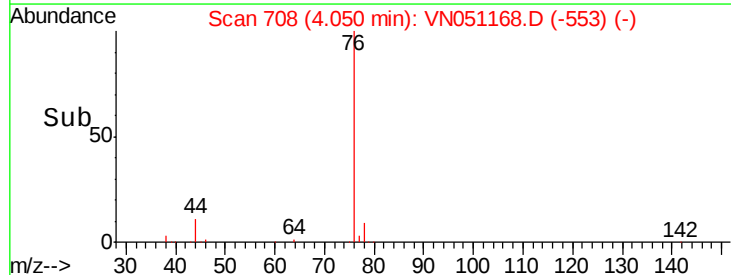
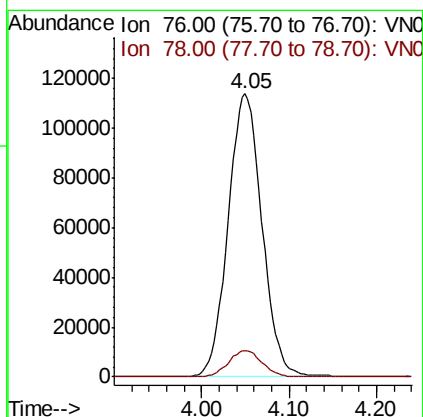
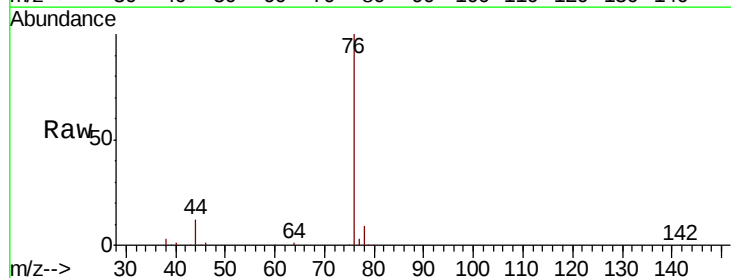
Acq: 13 Sep 2018 13:44

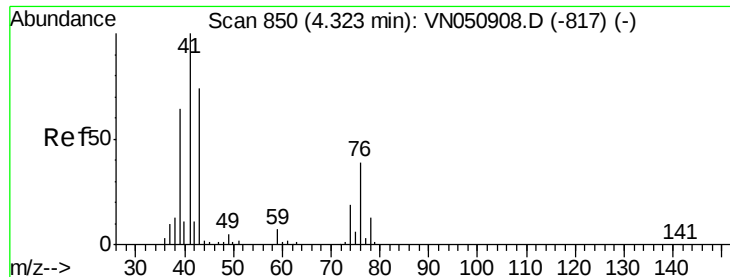
Tgt Ion: 76 Resp: 305802

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#17

Allvl chloride

Concen: 17.60 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS02

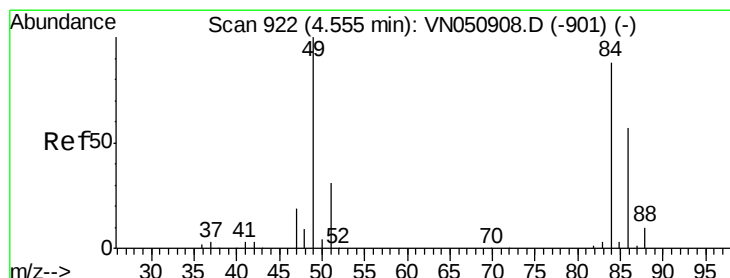
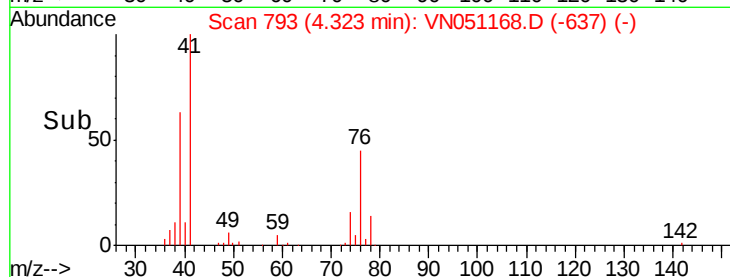
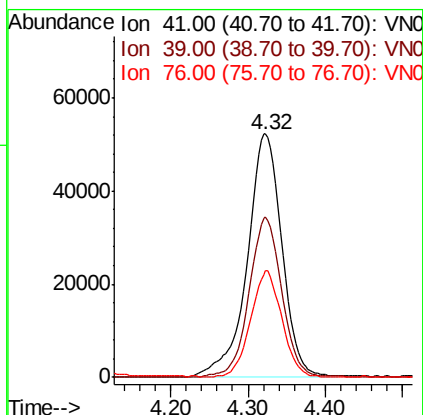
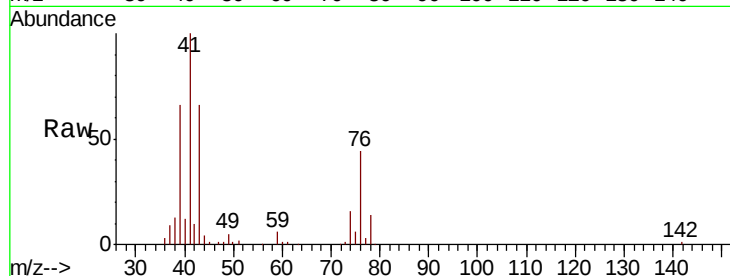
Tot Ion: 41 Resp: 164300

Ion Ratio Lower Upper

41 100

39 65.9 32.2 96.6

76 43.4 19.6 58.7



#18

Methylene Chloride

Concen: 18.71 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Tgt Ion: 84 Resp: 130336

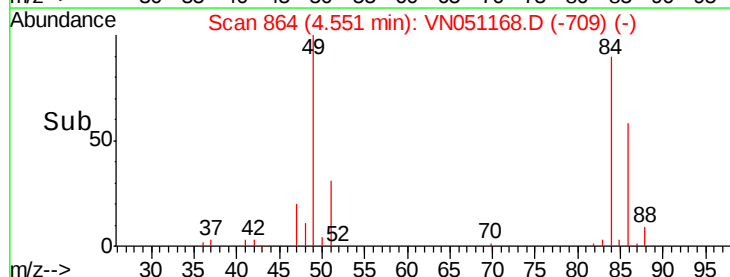
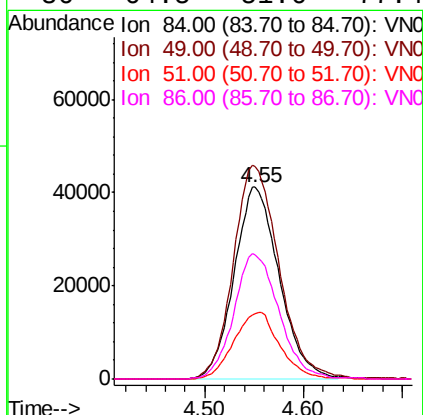
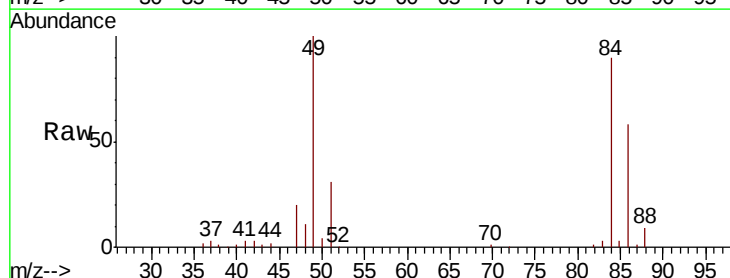
Ion Ratio Lower Upper

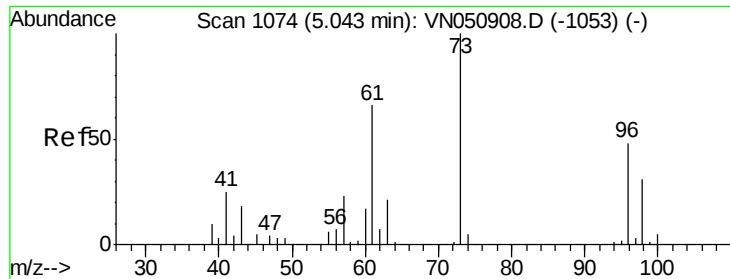
84 100

49 110.8 90.6 135.8

51 34.2 28.4 42.6

86 64.5 51.6 77.4

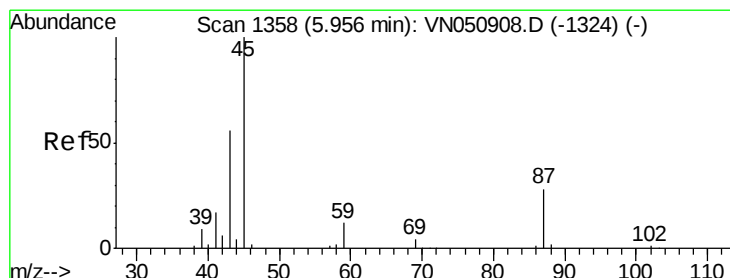
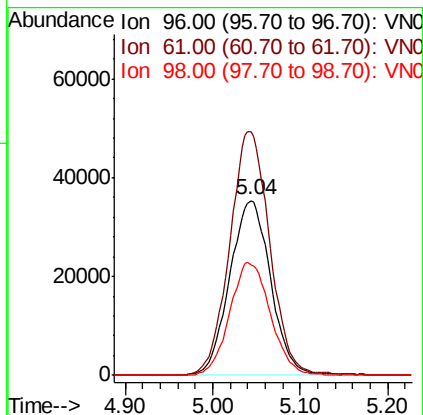
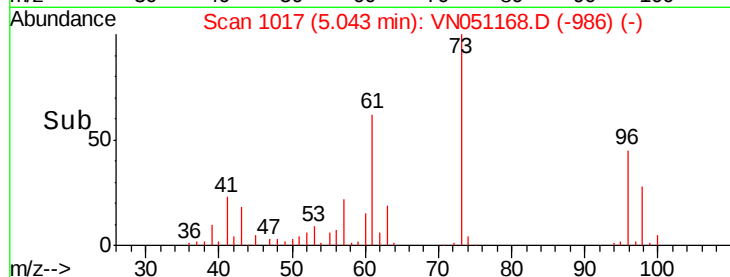
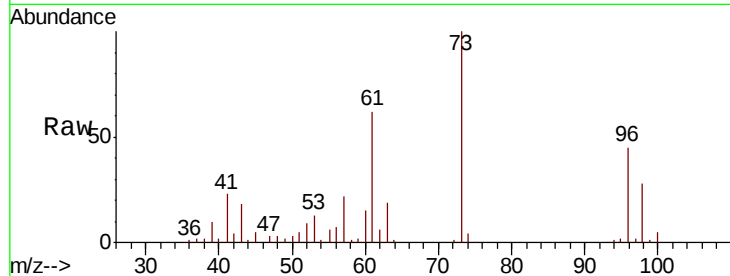




#19
trans-1,2-Dichloroethene
Concen: 18.14 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

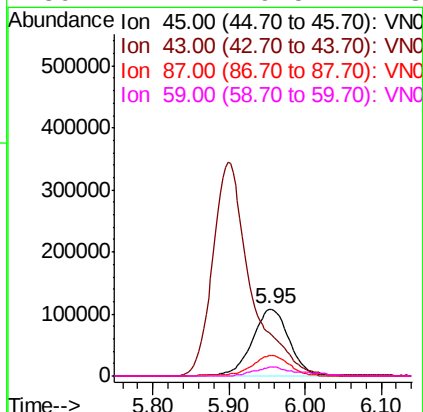
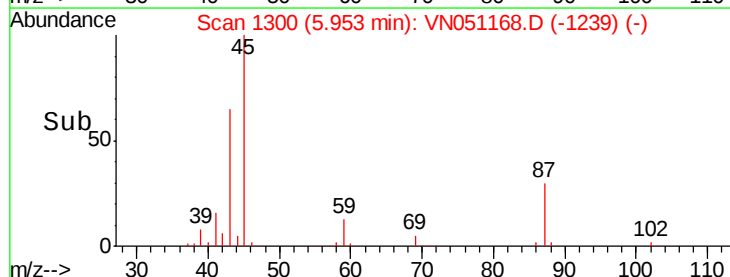
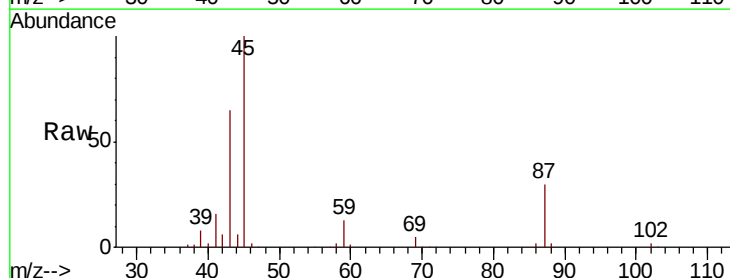
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

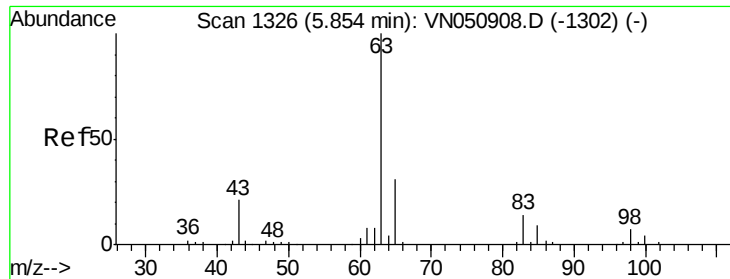
Tot Ion: 96 Resp: 114690
Ion Ratio Lower Upper
96 100
61 138.4 109.5 164.3
98 63.5 51.9 77.9



#20
Diisopropyl ether
Concen: 18.69 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 45 Resp: 362240
Ion Ratio Lower Upper
45 100
43 62.7 47.0 70.6
87 30.2 22.8 34.2
59 12.2 9.5 14.3





#21

1,1-Dichloroethane

Concen: 18.42 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS02

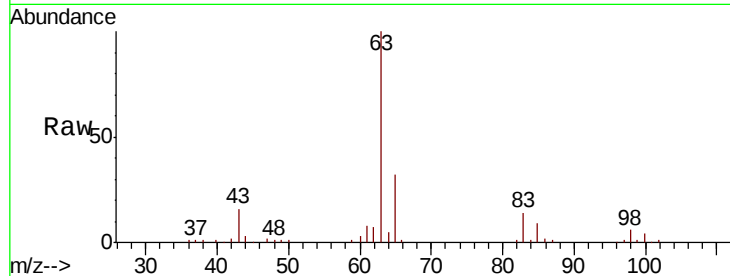
Tot Ion: 63 Resp: 218926

Ion Ratio Lower Upper

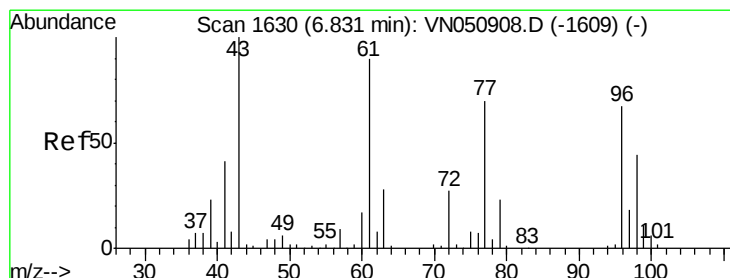
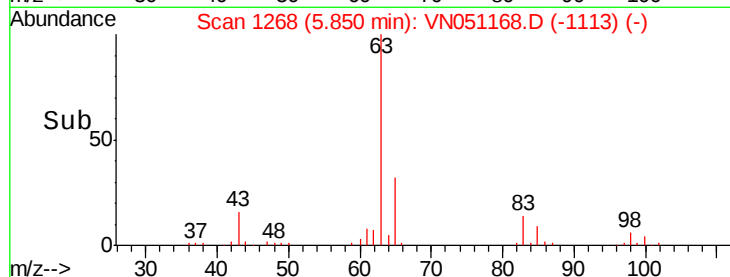
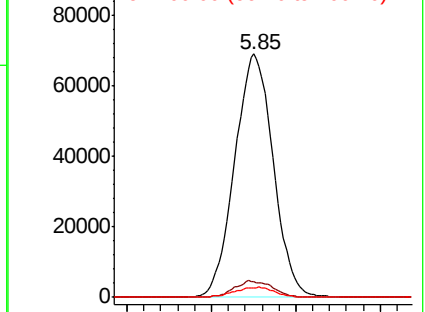
63 100

98 6.4 3.3 9.9

100 4.1 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



#22

cis-1,2-Dichloroethene

Concen: 18.52 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

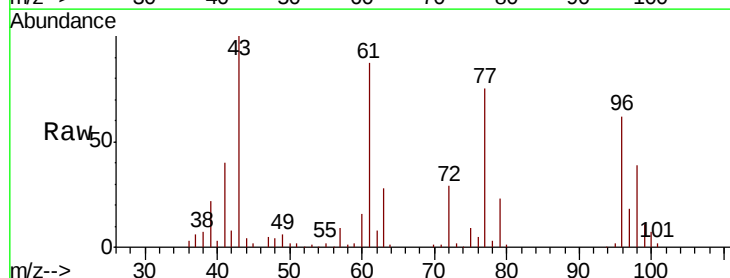
Tgt Ion: 96 Resp: 132276

Ion Ratio Lower Upper

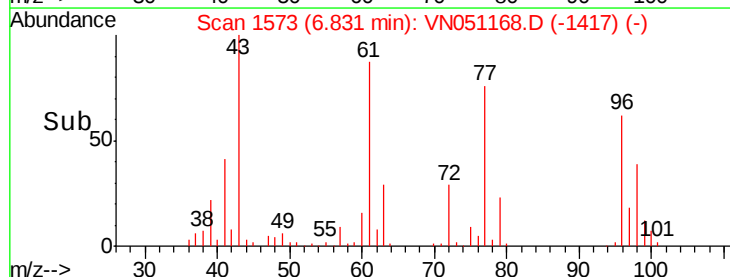
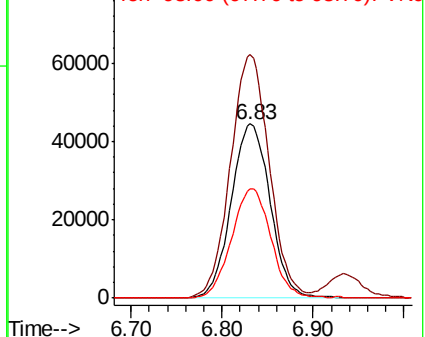
96 100

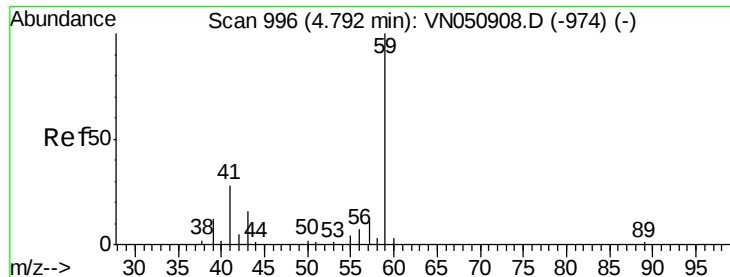
61 139.5 110.0 165.0

98 63.1 51.7 77.5



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



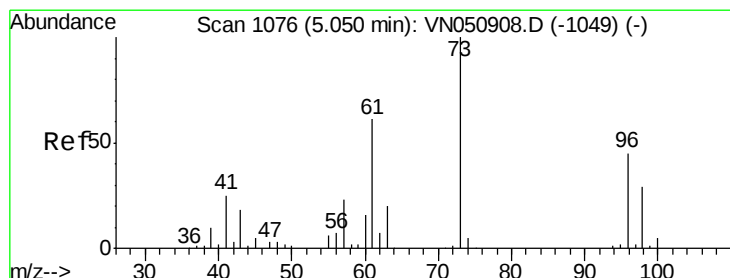
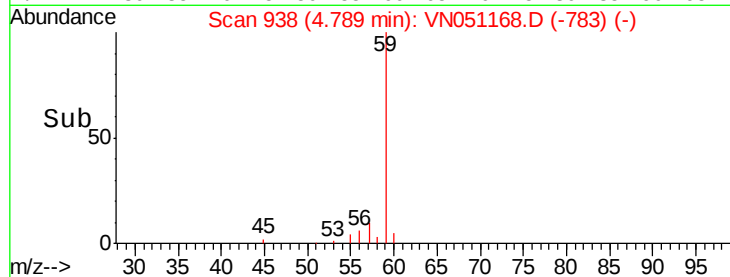
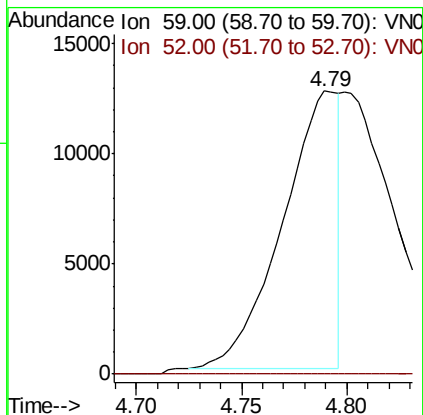
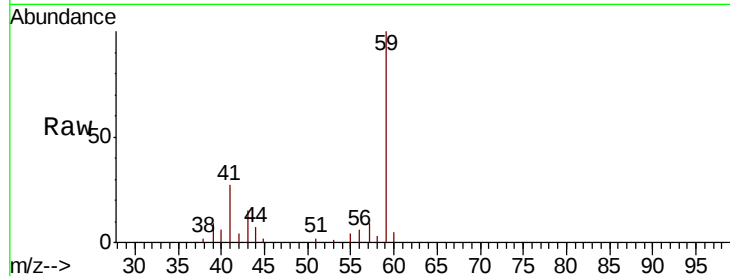


#23

tert-Butyl Alcohol
 Concen: 46.89 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0913WBS02

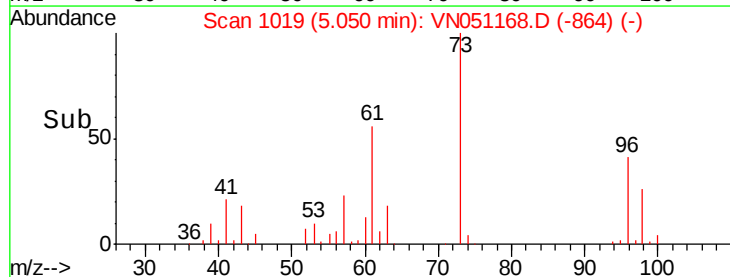
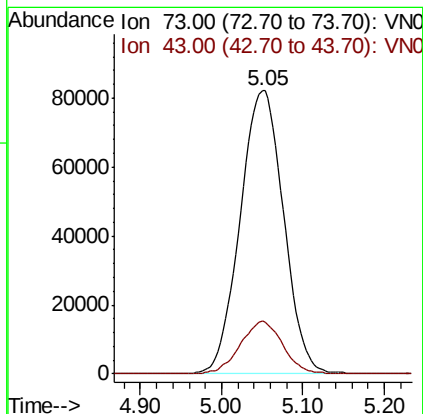
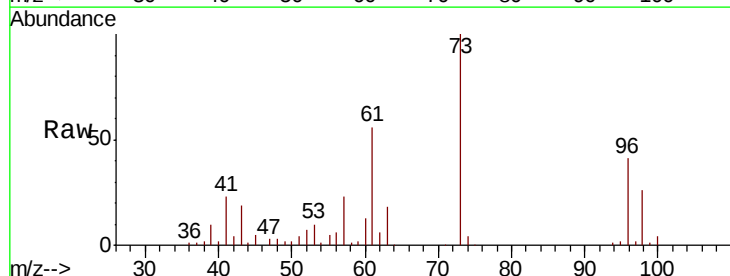
Tot Ion: 59 Resp: 23135
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

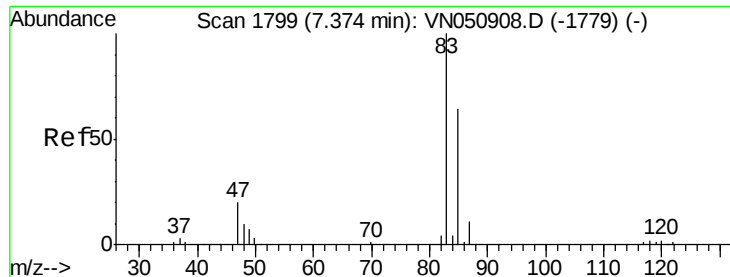


#24

Methyl tert-Butyl Ether
 Concen: 18.69 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion: 73 Resp: 303289
 Ion Ratio Lower Upper
 73 100
 43 18.3 14.4 21.6

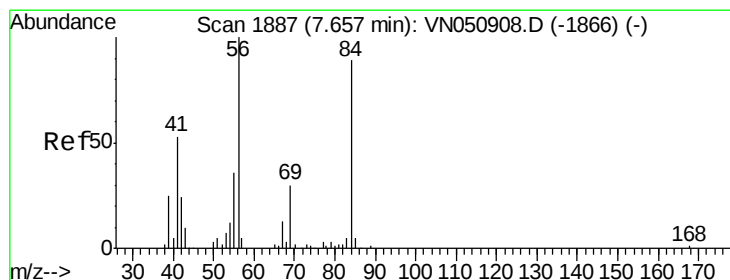
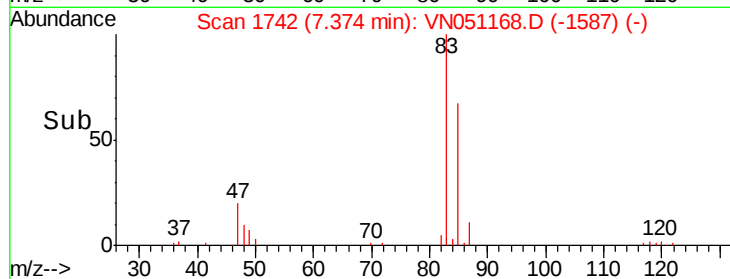
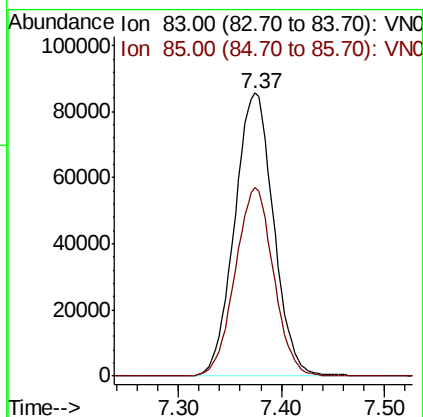
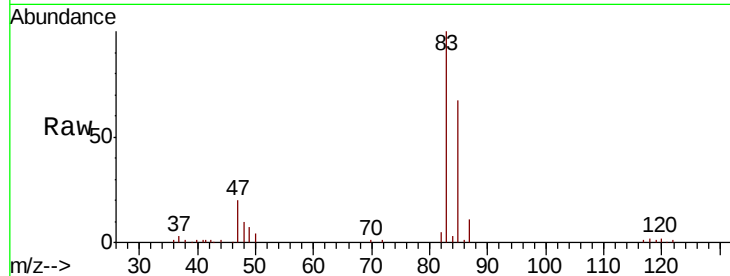




#25
Chloroform
Concen: 18.98 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

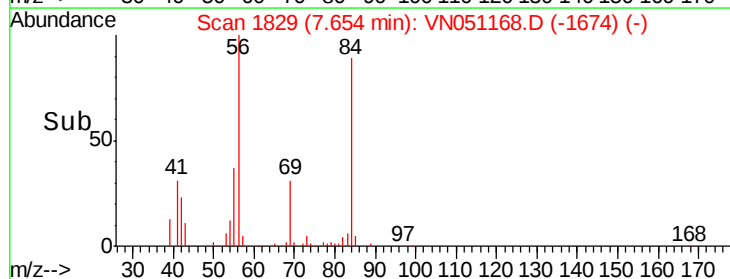
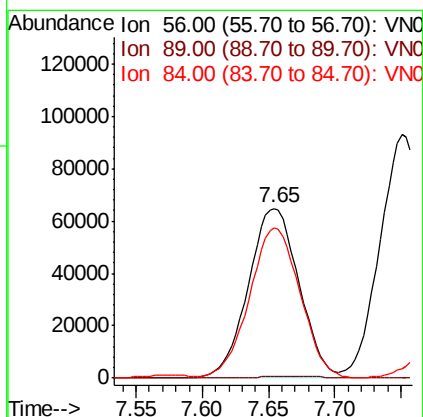
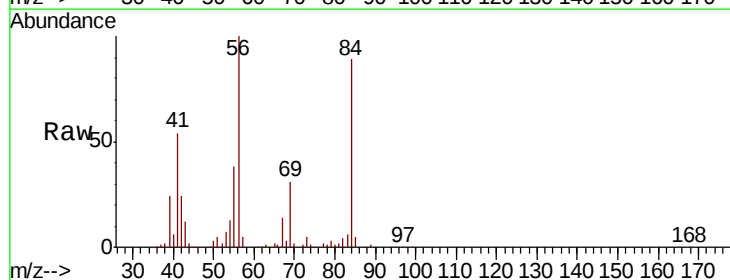
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

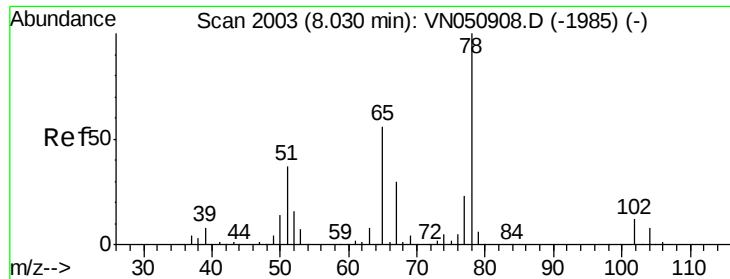
Tot Ion: 83 Resp: 225083
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.0



#26
Cyclohexane
Concen: 17.53 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 56 Resp: 172581
Ion Ratio Lower Upper
56 100
89 1.2 0.4 0.6#
84 87.4 70.4 105.6

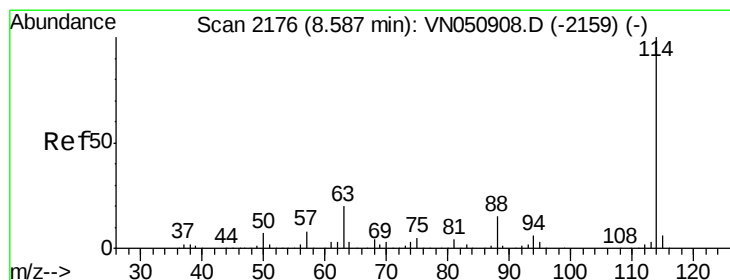
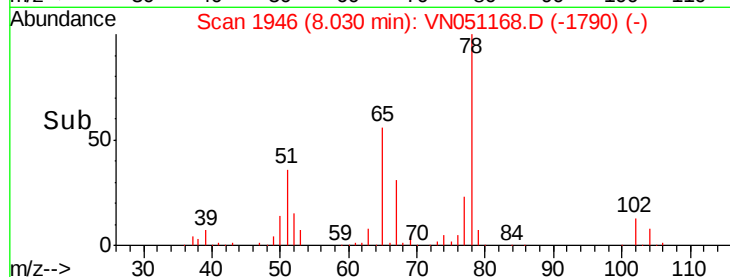
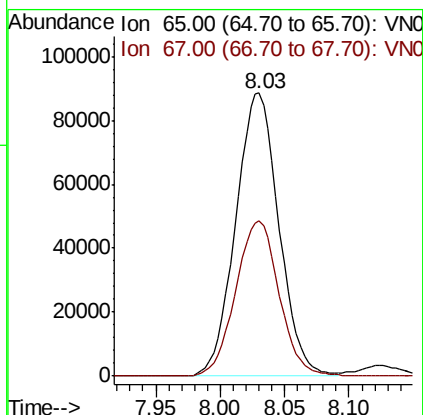
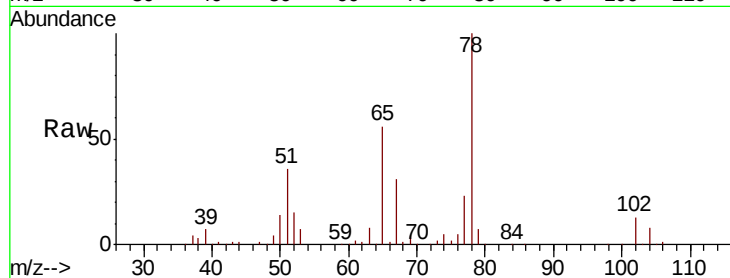




#27
 1,2-Dichloroethane-d4
 Concen: 29.45 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

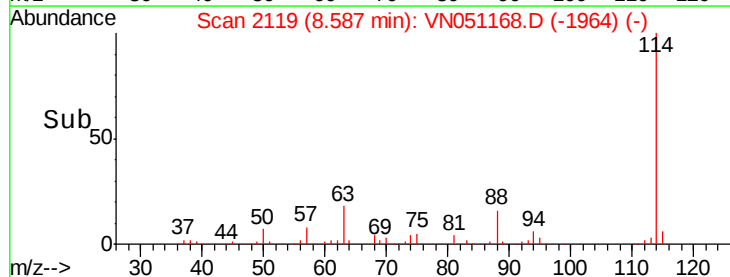
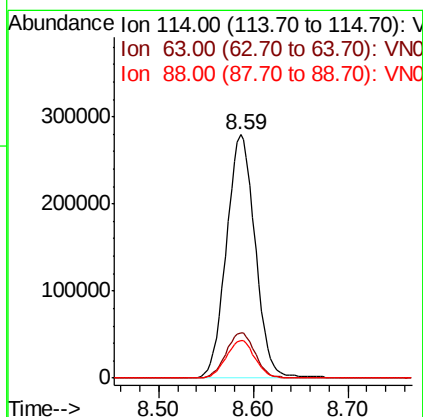
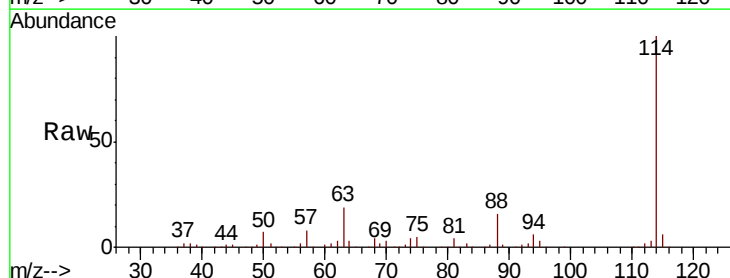
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

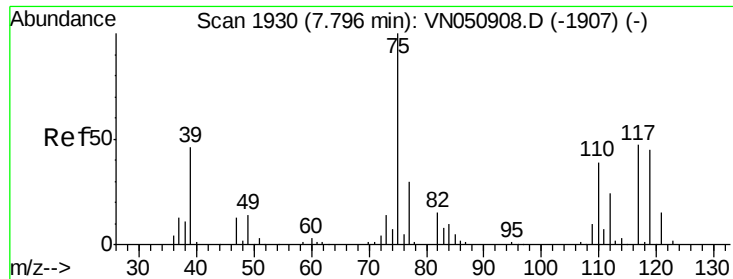
Tot Ion: 65 Resp: 206386
 Ion Ratio Lower Upper
 65 100
 67 55.1 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion: 114 Resp: 590578
 Ion Ratio Lower Upper
 114 100
 63 18.9 15.6 23.4
 88 15.6 12.2 18.4

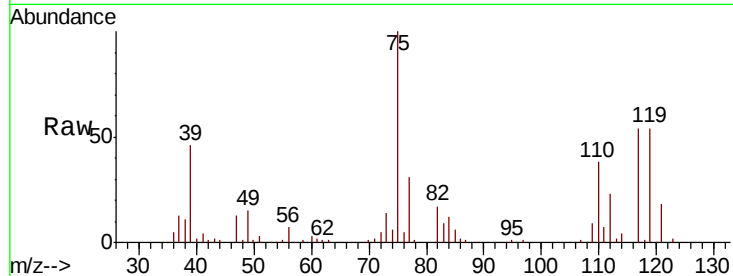




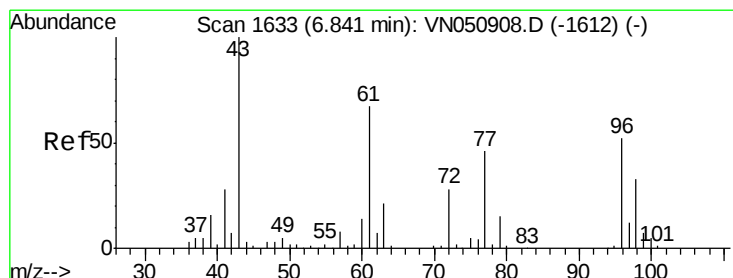
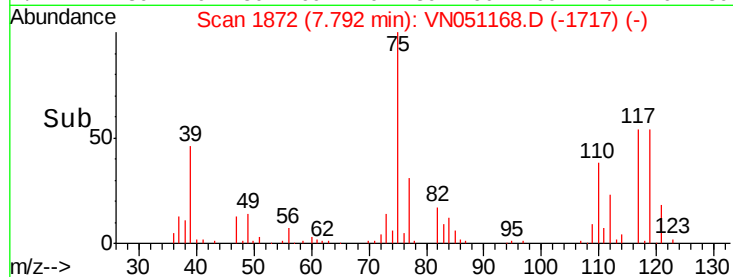
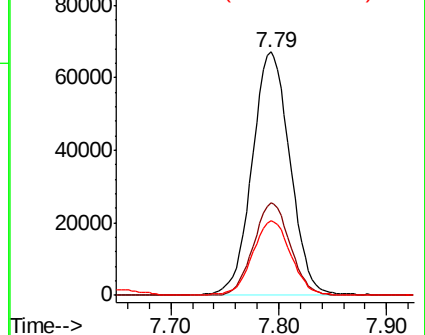
#29
 1,1-Dichloropropene
 Concen: 18.52 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

Tot Ion: 75 Resp: 163747
 Ion Ratio Lower Upper
 75 100
 110 36.9 0.0 75.0
 77 31.1 0.0 60.6

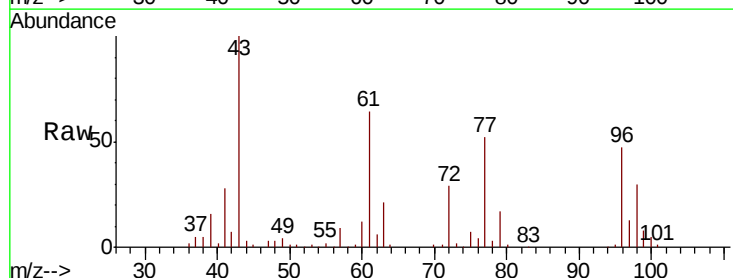


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VN0

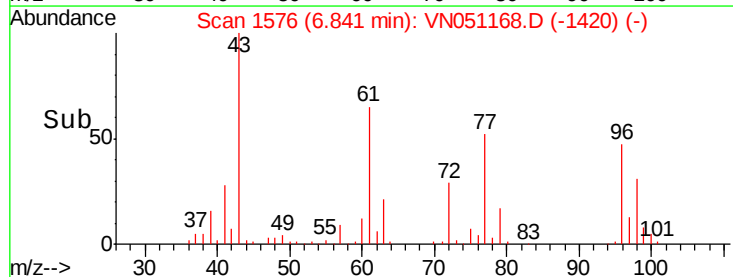
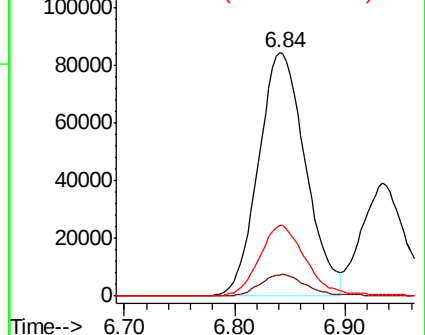


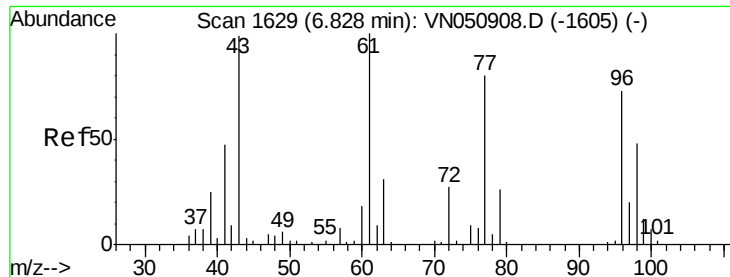
#30
 2-Butanone
 Concen: 91.63 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion: 43 Resp: 249231
 Ion Ratio Lower Upper
 43 100
 57 8.7 6.9 10.3
 72 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 20.56 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

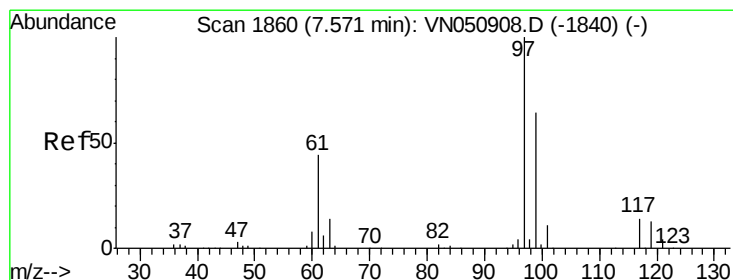
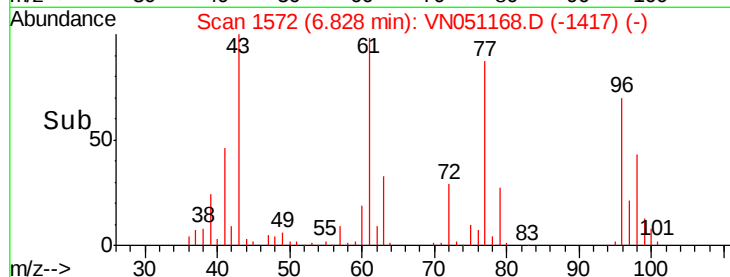
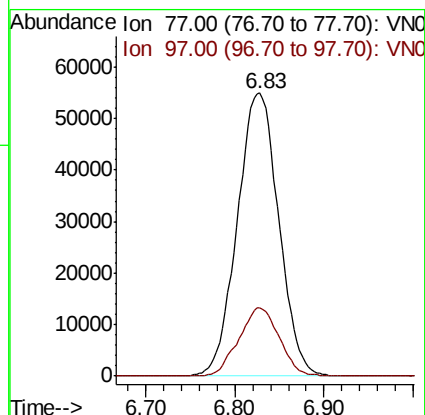
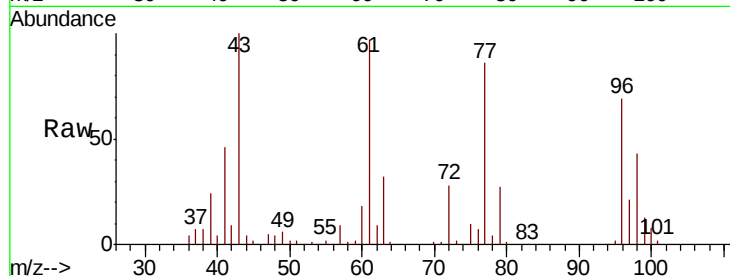
VN0913WBS02

Tot Ion: 77 Resp: 176873

Ion Ratio Lower Upper

77 100

97 23.6 20.2 30.2



#32

1,1,1-Trichloroethane

Concen: 18.97 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

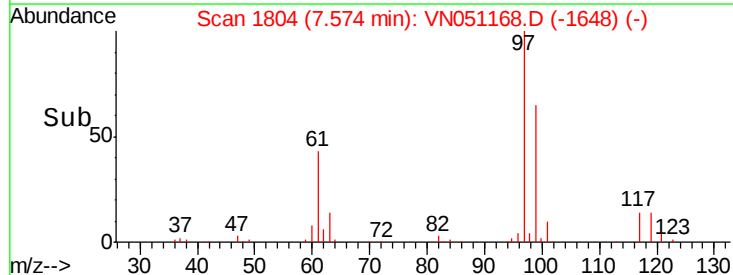
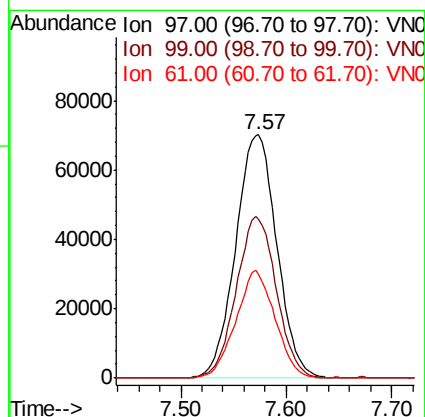
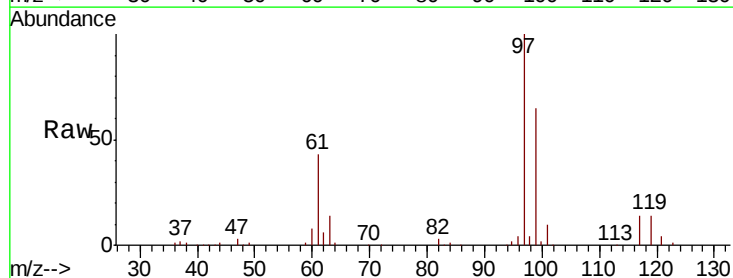
Tgt Ion: 97 Resp: 190225

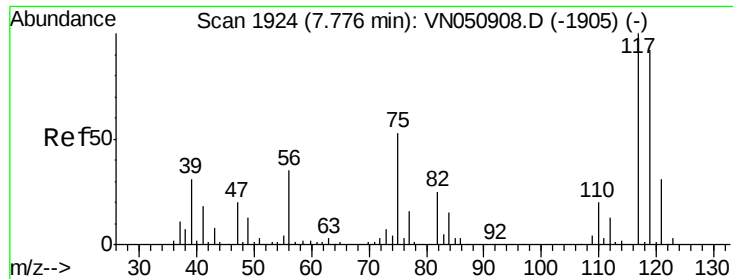
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 42.3 35.0 52.6

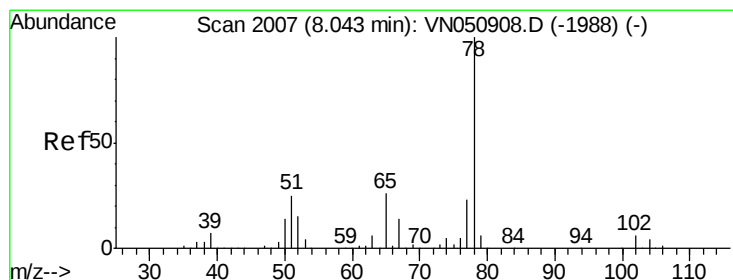
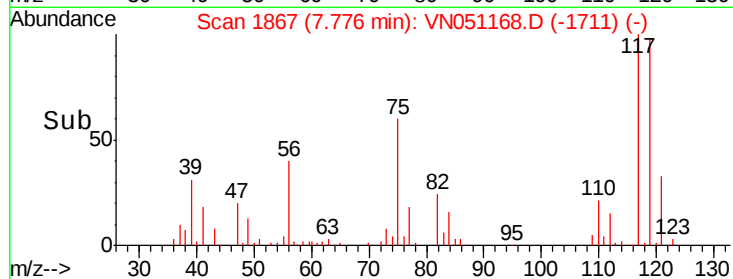
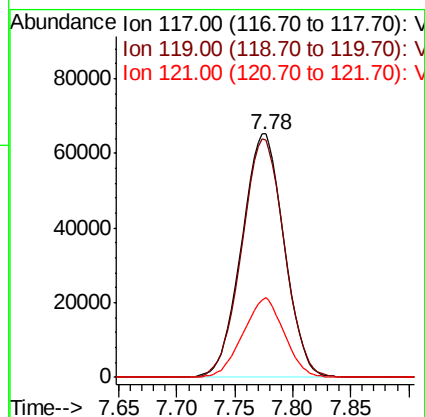
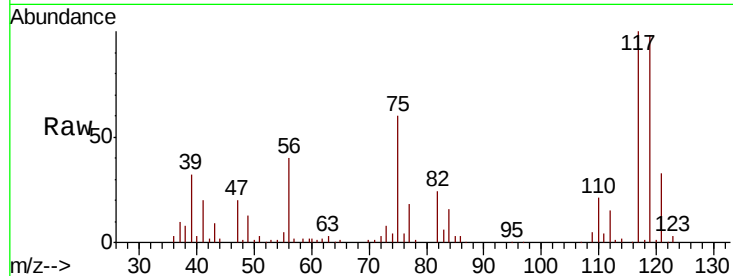




#33
Carbon Tetrachloride
Concen: 18.37 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

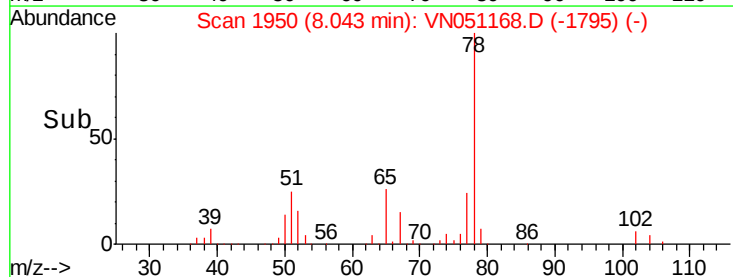
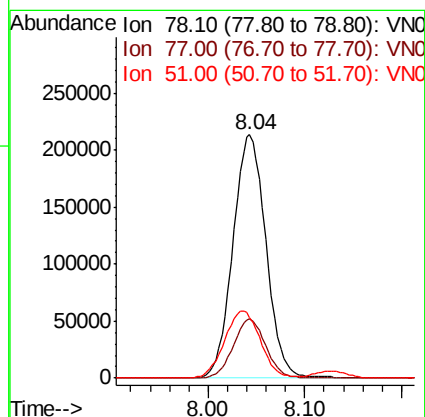
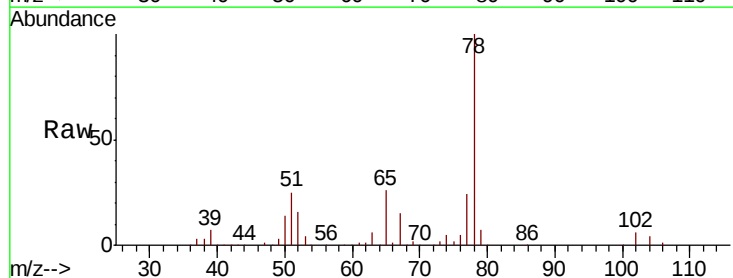
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

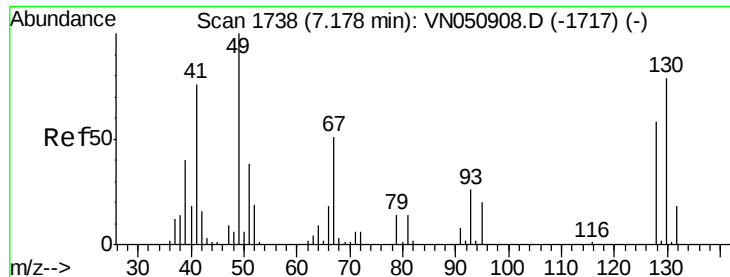
Tot Ion:117 Resp: 165905
Ion Ratio Lower Upper
117 100
119 97.6 73.5 110.3
121 32.6 24.6 37.0



#34
Benzene
Concen: 18.52 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 78 Resp: 506566
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0
51 24.9 20.0 30.0

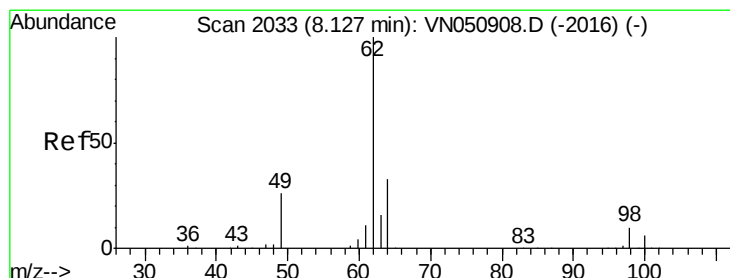
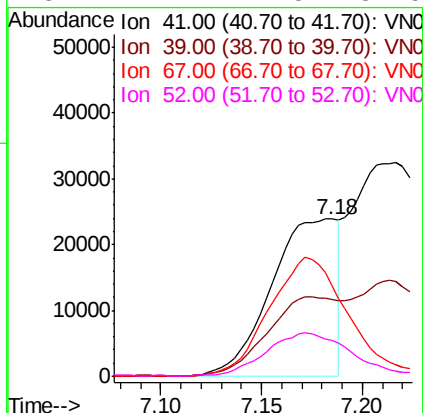
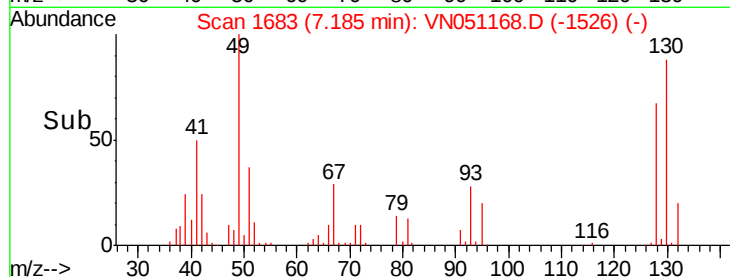
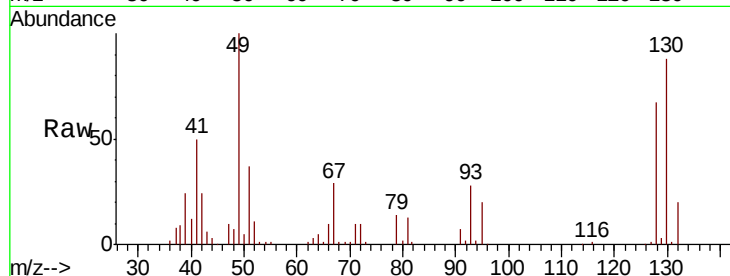




#35
Methacrylonitrile
Concen: 18.36 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

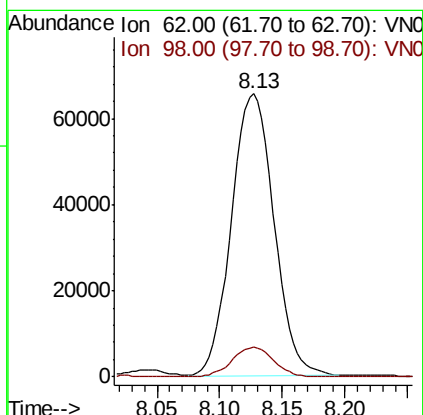
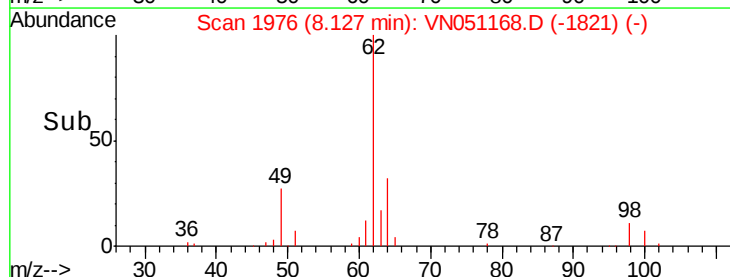
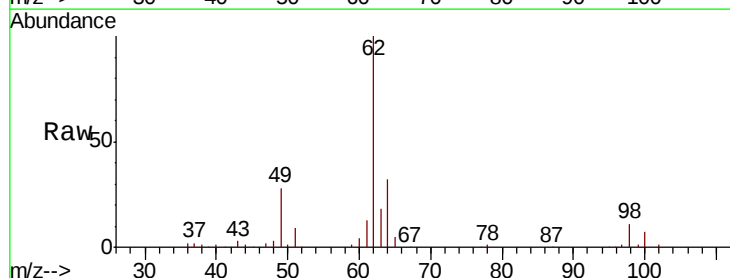
Instrument :
MSVOA_N
ClientSampled :
VN0913WBS02

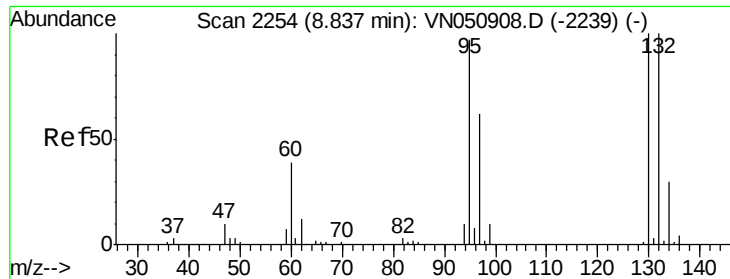
Tot Ion: 41 Resp: 54712
Ion Ratio Lower Upper
41 100
39 48.9 26.2 78.5
67 57.9 33.9 101.6
52 22.4 12.5 37.5



#36
1,2-Dichloroethane
Concen: 18.70 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 62 Resp: 154687
Ion Ratio Lower Upper
62 100
98 10.3 8.0 12.0

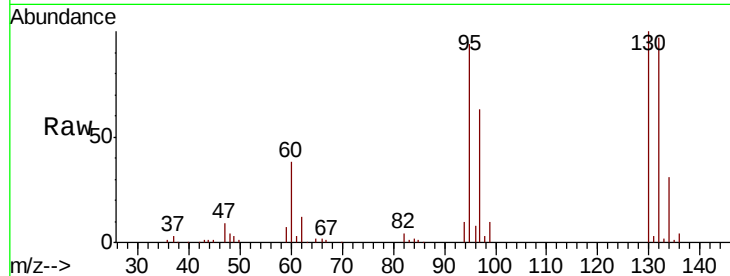




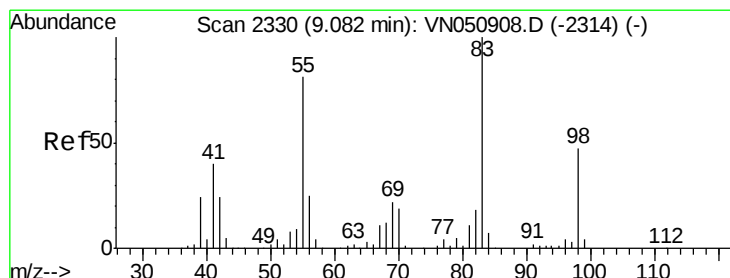
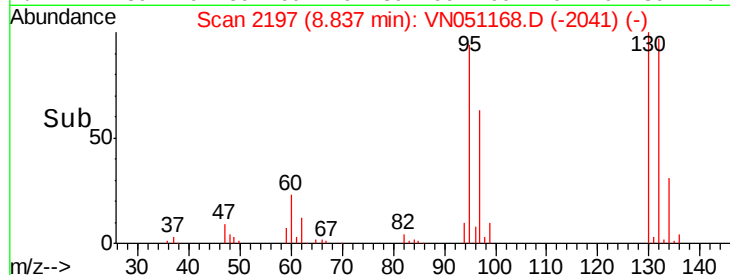
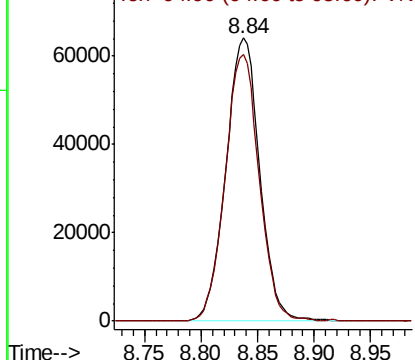
#37
 Trichloroethene
 Concen: 18.67 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

Tot Ion:130 Resp: 133464
 Ion Ratio Lower Upper
 130 100
 95 93.8 77.4 116.0

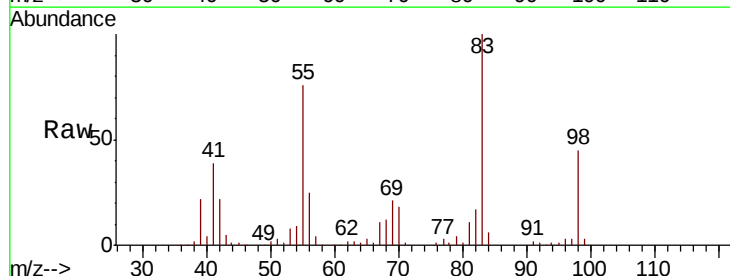


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

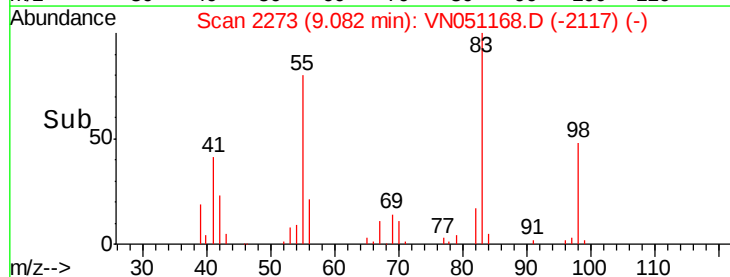
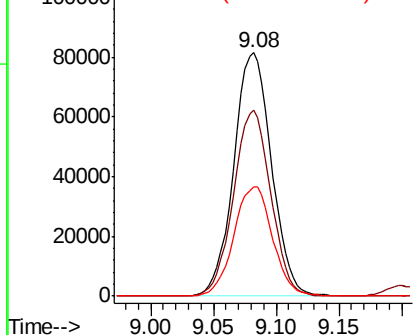


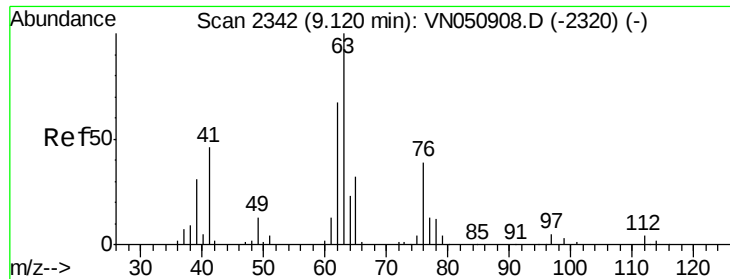
#38
 Methylcyclohexane
 Concen: 18.01 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion: 83 Resp: 171007
 Ion Ratio Lower Upper
 83 100
 55 75.3 38.9 116.7
 98 46.1 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

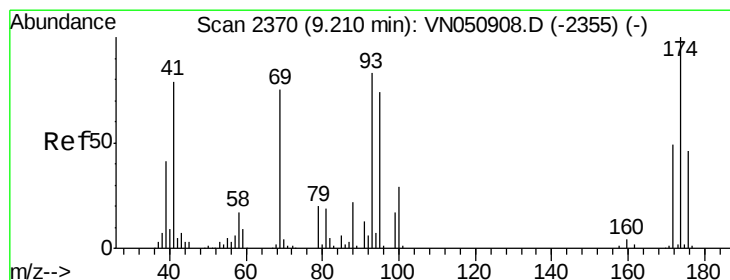
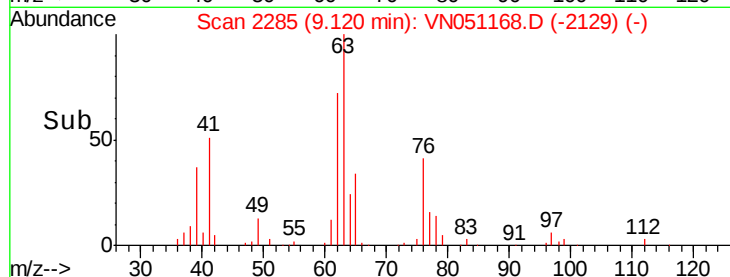
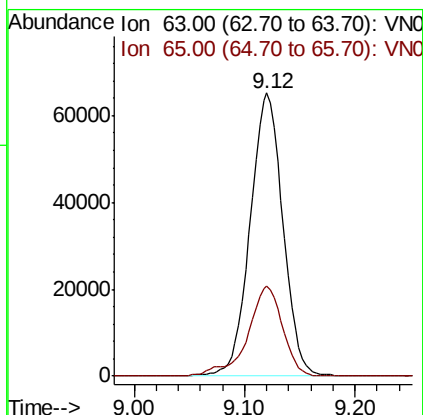
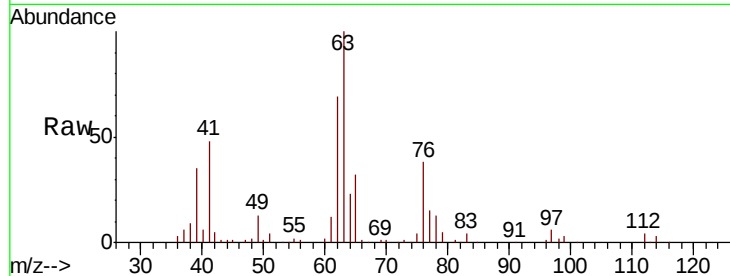




#39
 1,2-Dichloropropane
 Concen: 18.79 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

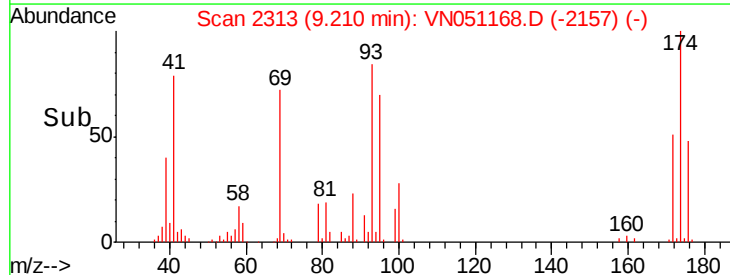
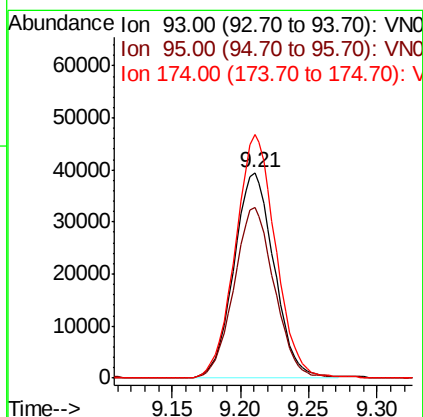
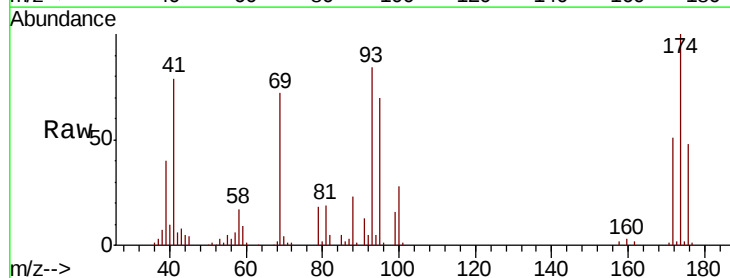
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

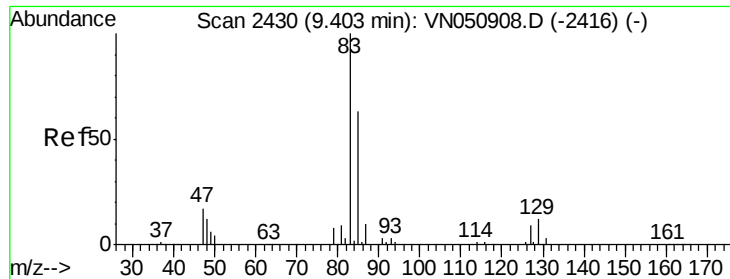
Tot Ion: 63 Resp: 134245
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.6 38.4



#40
 Dibromomethane
 Concen: 18.79 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion: 93 Resp: 80872
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 173.4
 174 118.7 0.0 234.8





#41

Bromodichloromethane

Concen: 18.37 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS02

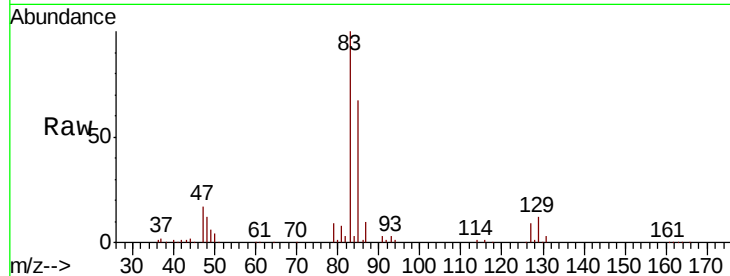
Tot Ion: 83 Resp: 166660

Ion Ratio Lower Upper

83 100

85 67.0 50.6 76.0

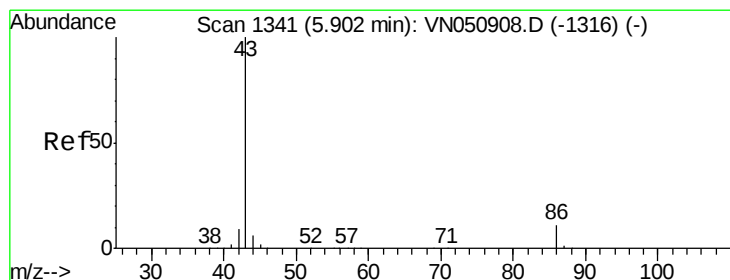
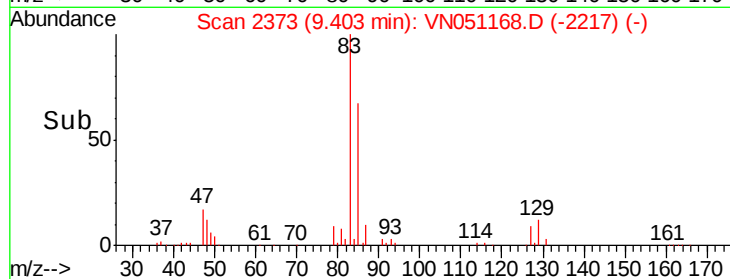
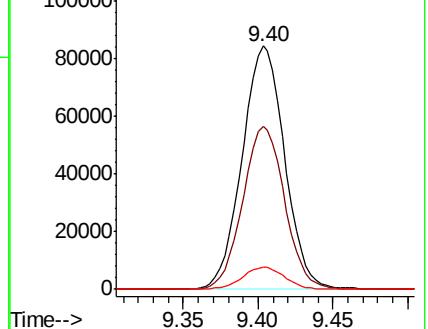
127 9.2 7.1 10.7



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: 95.41 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051168.D

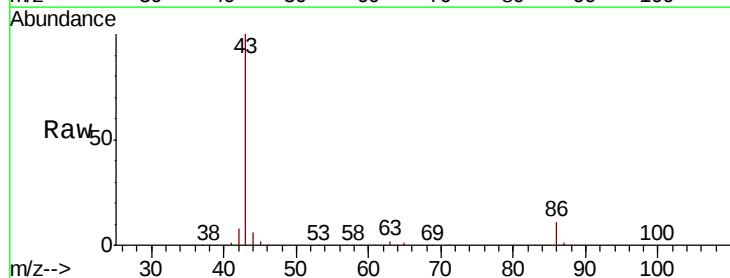
Acq: 13 Sep 2018 13:44

Tgt Ion: 43 Resp: 1195376

Ion Ratio Lower Upper

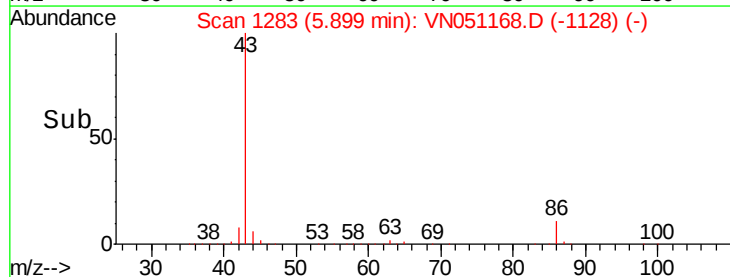
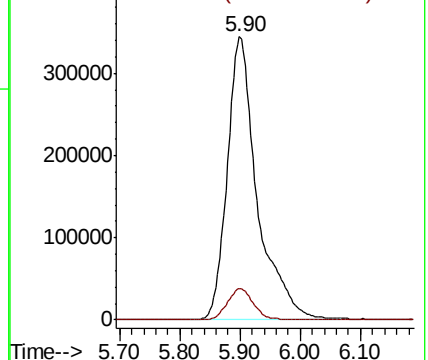
43 100

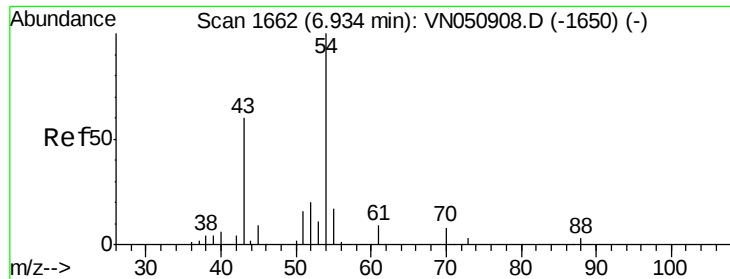
86 9.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

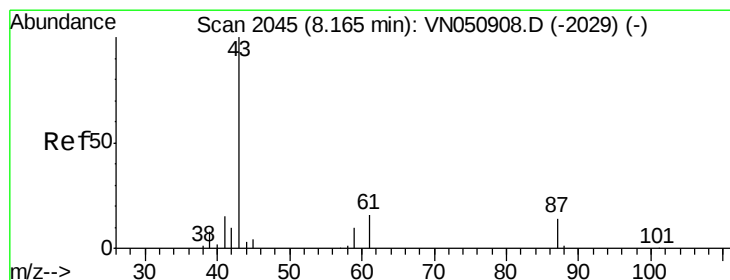
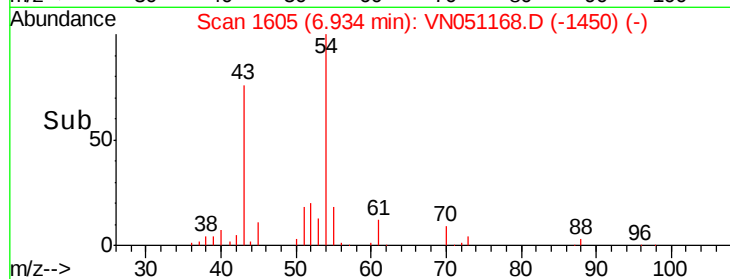
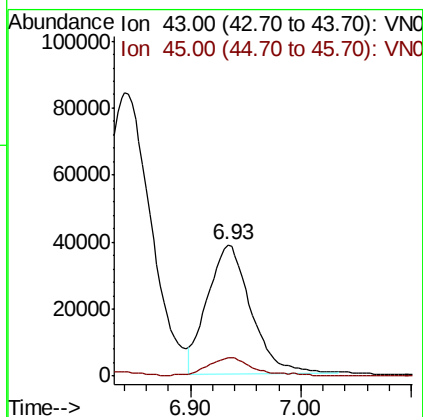
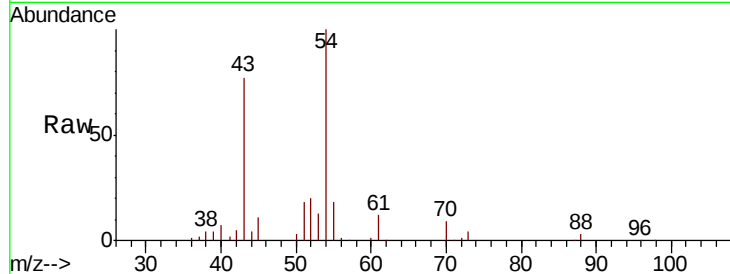




#43
Ethyl Acetate
Concen: 19.04 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

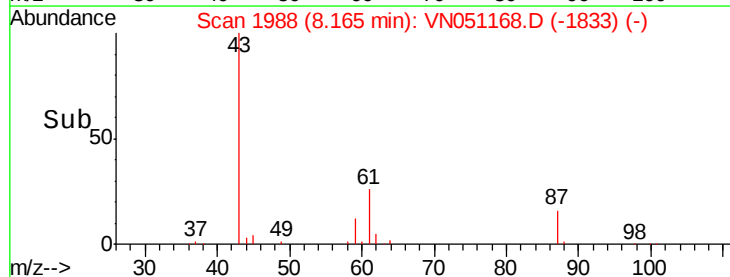
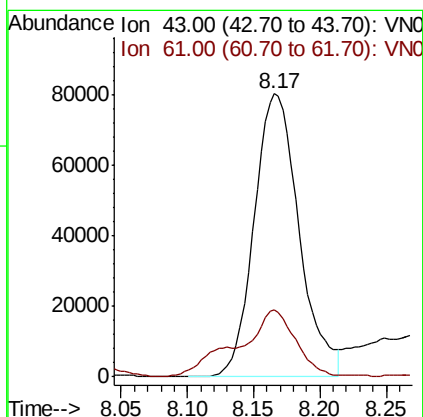
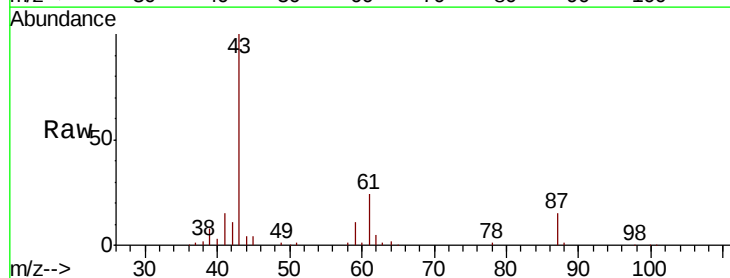
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

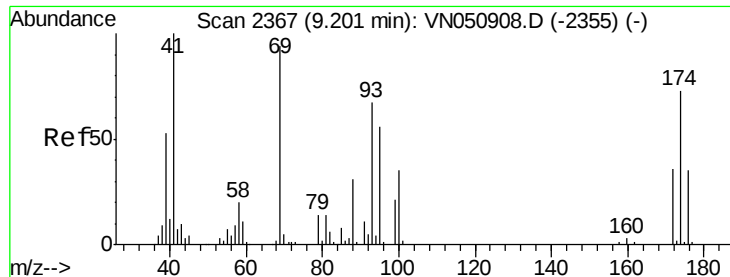
Tot Ion: 43 Resp: 106118
Ion Ratio Lower Upper
43 100
45 12.6 10.2 15.2



#44
Isopropyl Acetate
Concen: 19.28 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 43 Resp: 189562
Ion Ratio Lower Upper
43 100
61 19.3 16.3 24.5

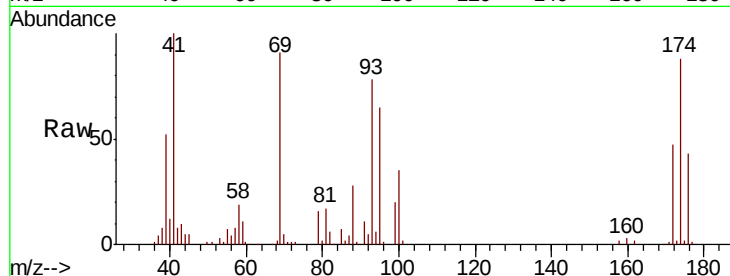




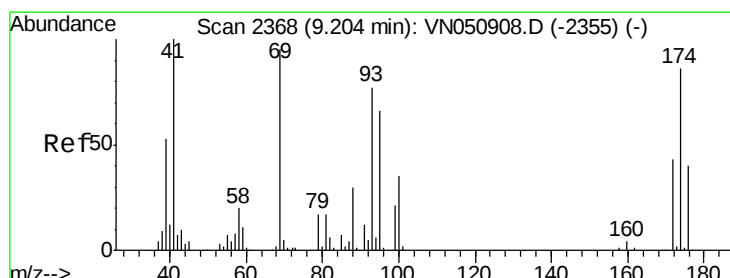
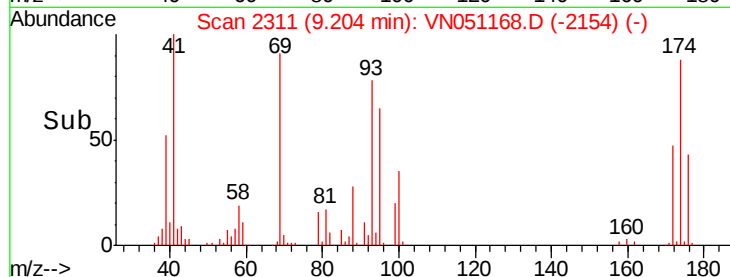
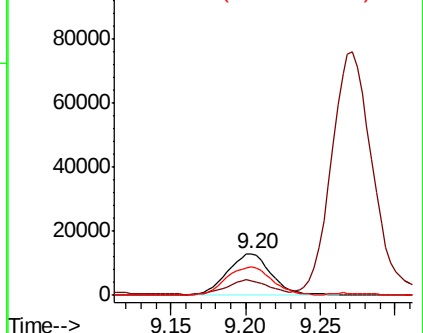
#45
 1,4-Dioxane
 Concen: 366.88 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

Tot Ion: 88 Resp: 26796
 Ion Ratio Lower Upper
 88 100
 43 32.2 23.5 35.3
 58 71.8 55.2 82.8

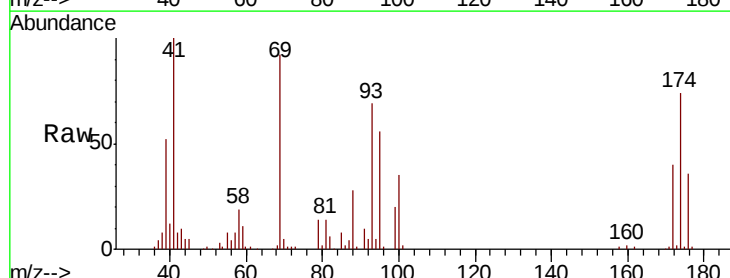


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

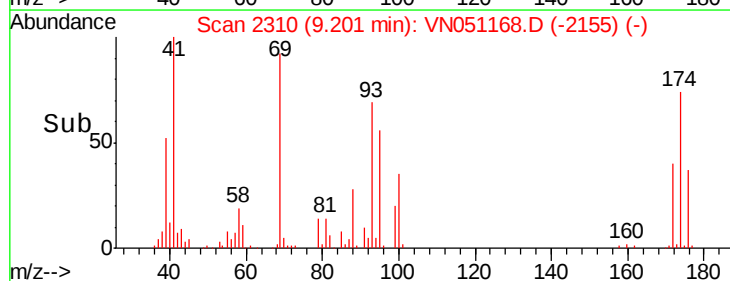
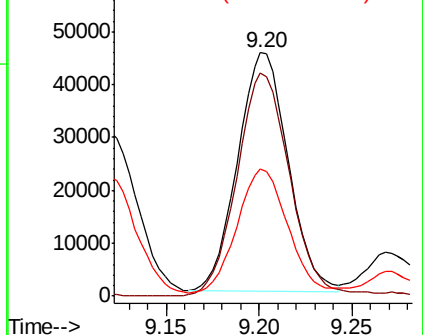


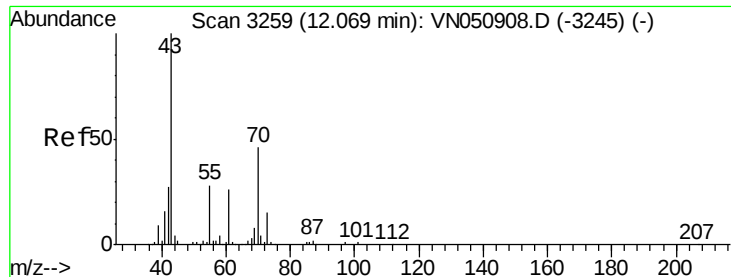
#46
 Methyl methacrylate
 Concen: 17.39 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion: 41 Resp: 85609
 Ion Ratio Lower Upper
 41 100
 69 93.0 47.4 142.2
 39 51.7 26.6 79.7



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





#47

n-amyl Acetate

Concen: 17.08 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

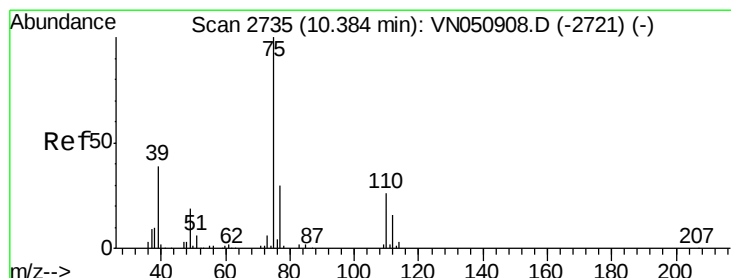
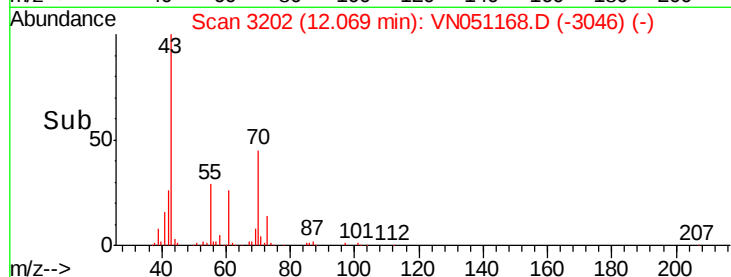
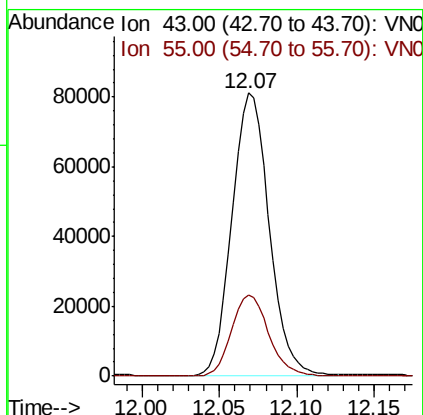
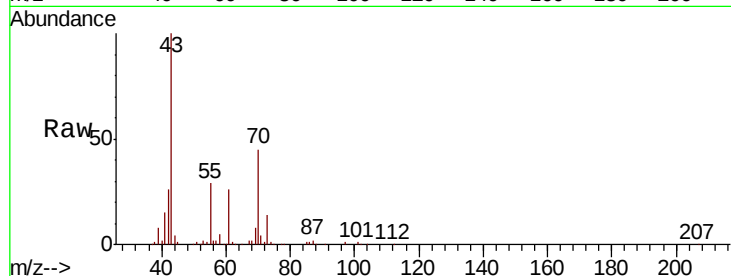
VN0913WBS02

Tot Ion: 43 Resp: 135046

Ion Ratio Lower Upper

43 100

55 28.7 23.0 34.4



#48

t-1,3-Dichloropropene

Concen: 18.13 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN051168.D

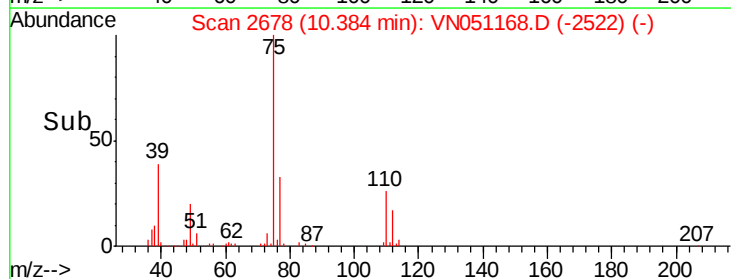
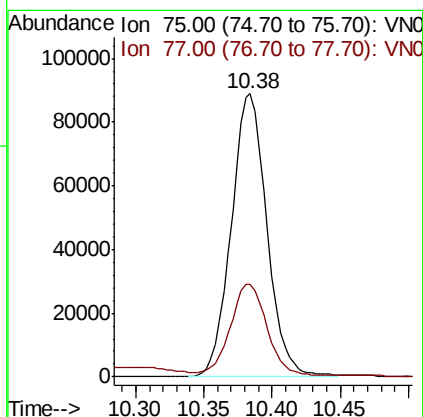
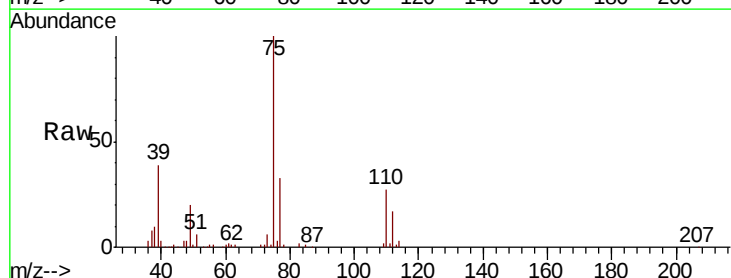
Acq: 13 Sep 2018 13:44

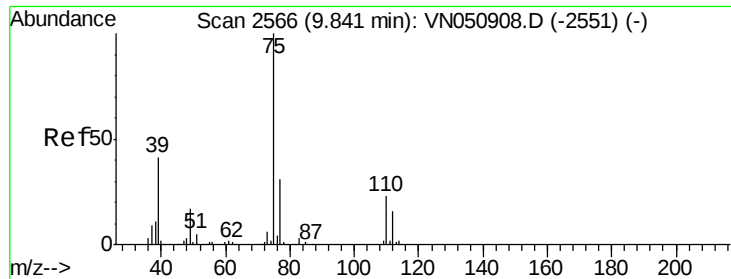
Tgt Ion: 75 Resp: 161234

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2





#49

cis-1,3-Dichloropropene

Concen: 18.92 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampled :

VN0913WBS02

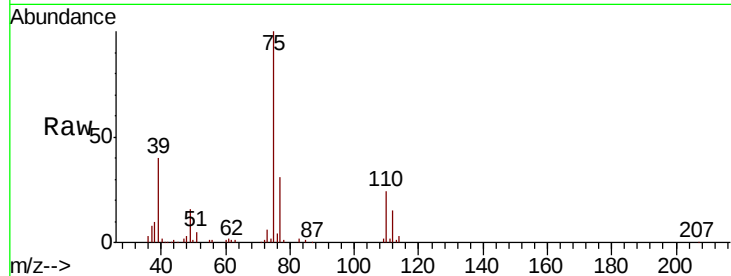
Tot Ion: 75 Resp: 193246

Ion Ratio Lower Upper

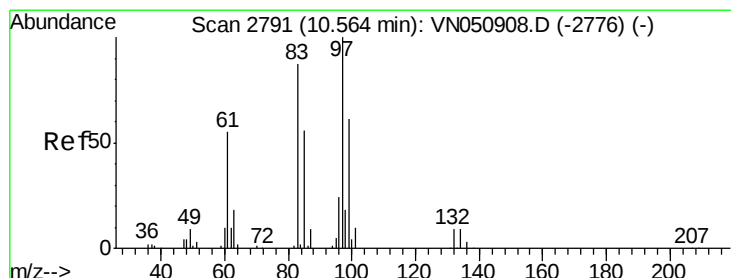
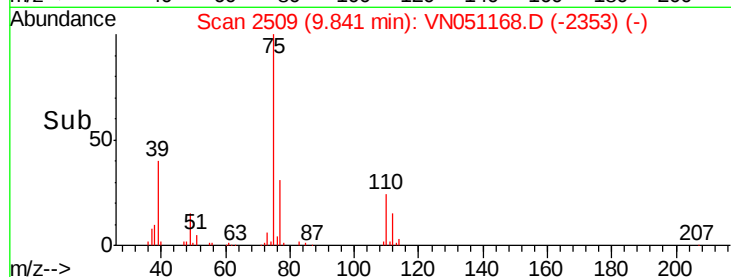
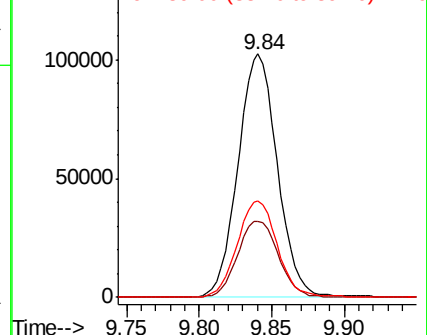
75 100

77 31.4 25.0 37.4

39 39.9 32.9 49.3



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



#50

1,1,2-Trichloroethane

Concen: 19.13 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Tgt Ion: 97 Resp: 119603

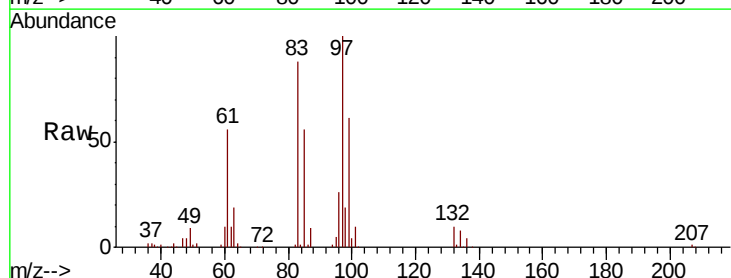
Ion Ratio Lower Upper

97 100

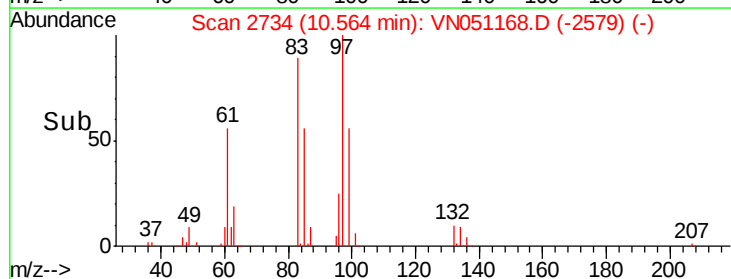
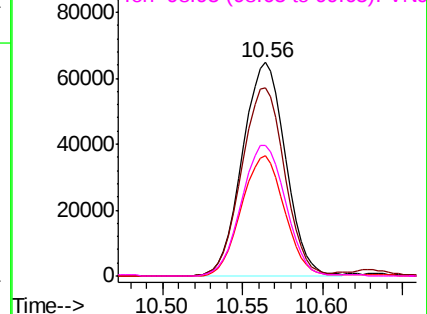
83 88.0 69.8 104.6

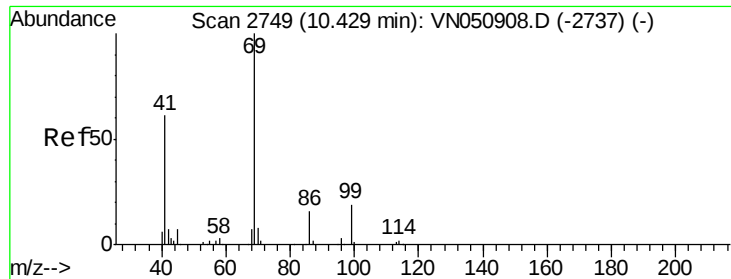
85 56.1 45.0 67.6

99 61.3 49.1 73.7



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





#51

Ethyl methacrylate

Concen: 18.27 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

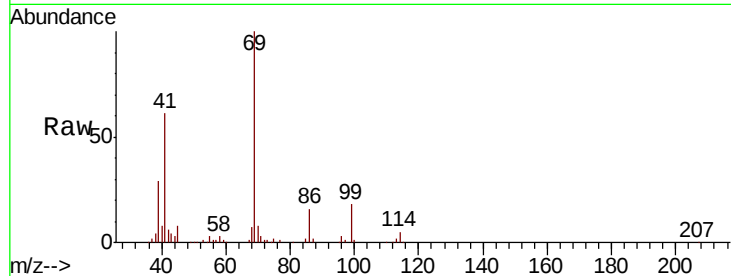
MSVOA_N

ClientSampled :

VN0913WBS02

Tot Ion: 69 Resp: 139756

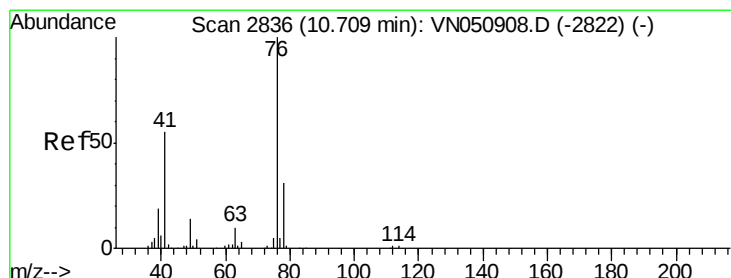
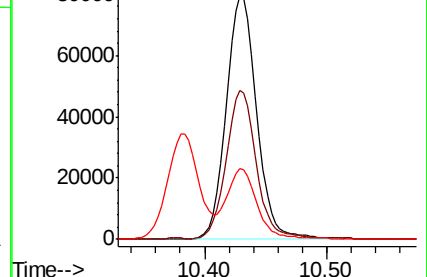
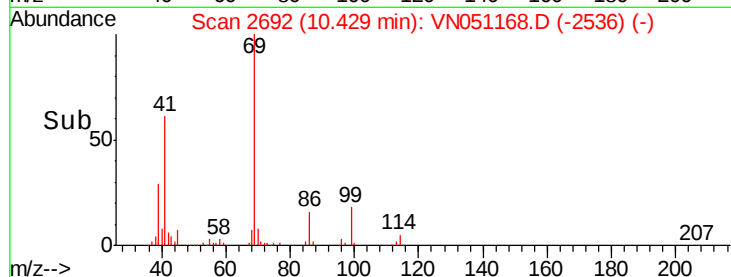
Ion	Ratio	Lower	Upper
69	100		
41	60.9	30.5	91.5
39	28.8	15.3	45.8



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 18.65 ug/l

RT: 10.71 min Scan# 2779

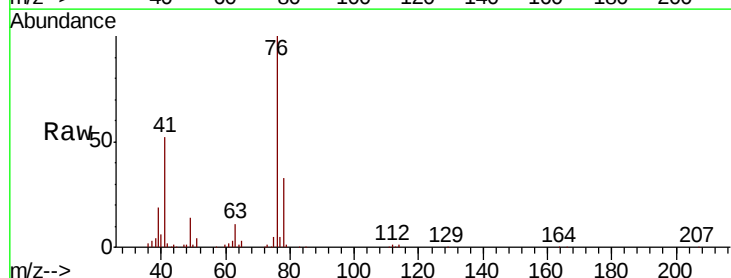
Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

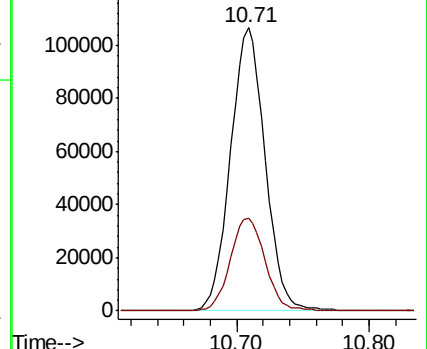
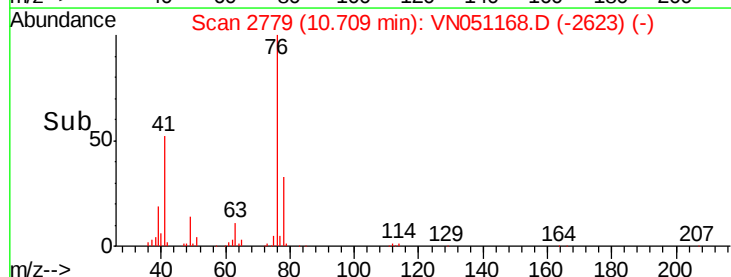
Tgt Ion: 76 Resp: 193145

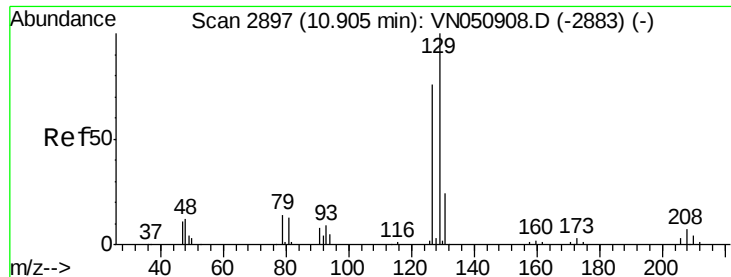
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

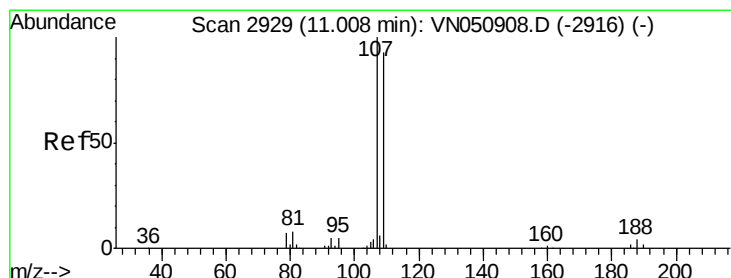
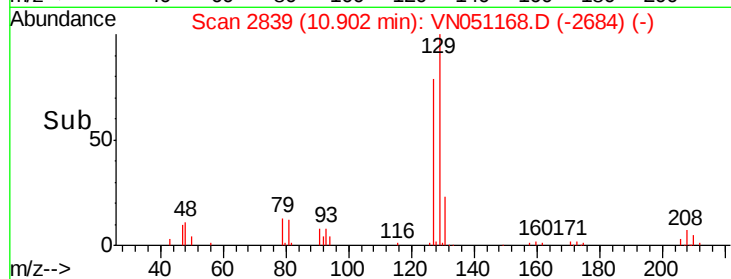
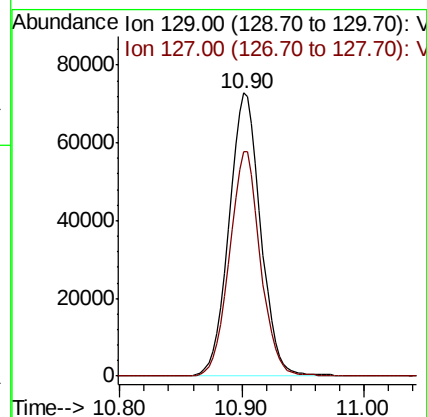
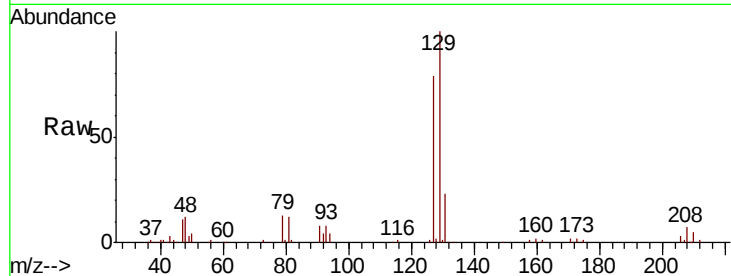




#53
 Dibromochloromethane
 Concen: 18.54 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

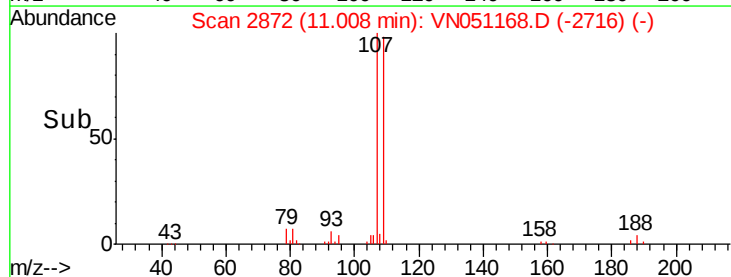
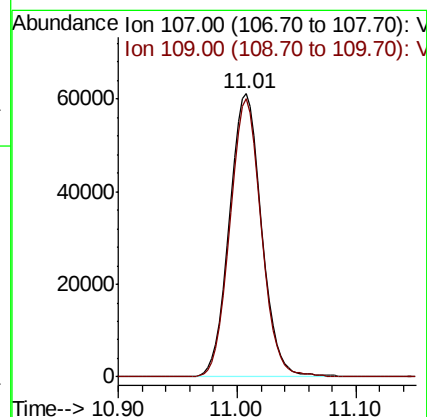
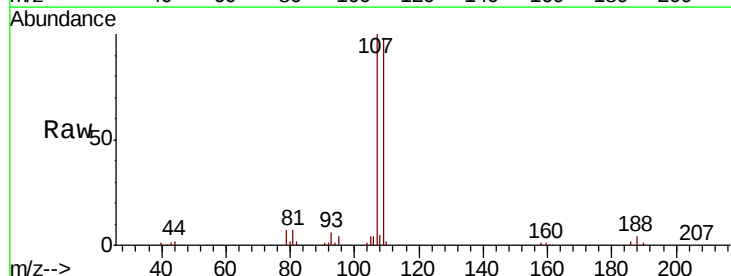
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

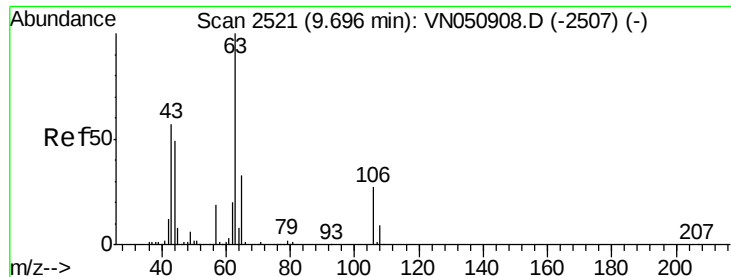
Tot Ion:129 Resp: 131810
 Ion Ratio Lower Upper
 129 100
 127 77.6 39.0 116.9



#54
 1,2-Dibromoethane
 Concen: 18.57 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion:107 Resp: 114836
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.4 111.6

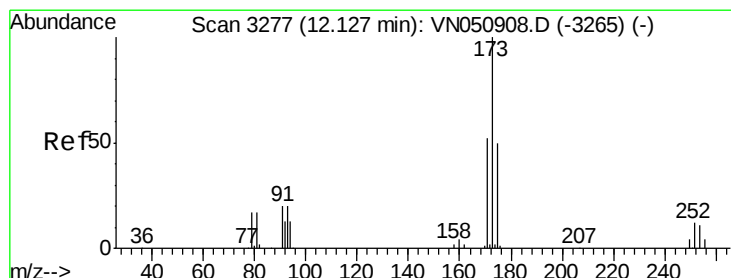
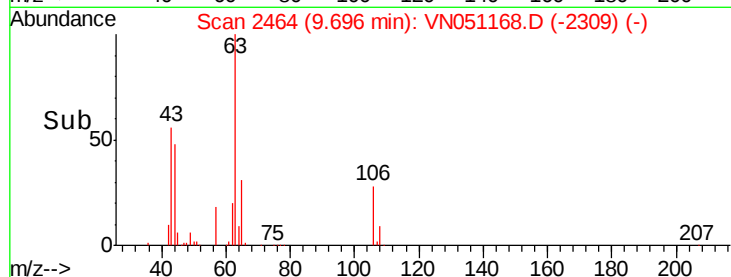
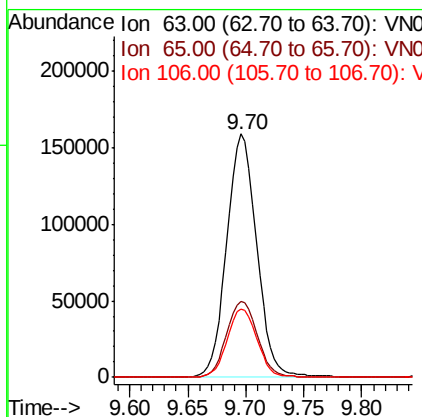
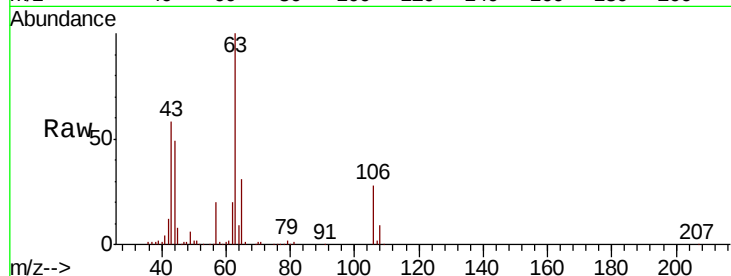




#55
2-Chloroethyl vinyl ether
Concen: 89.54 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

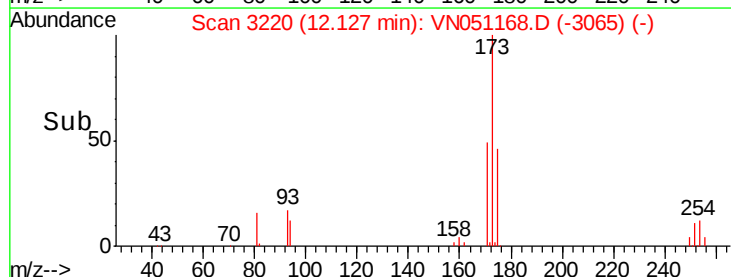
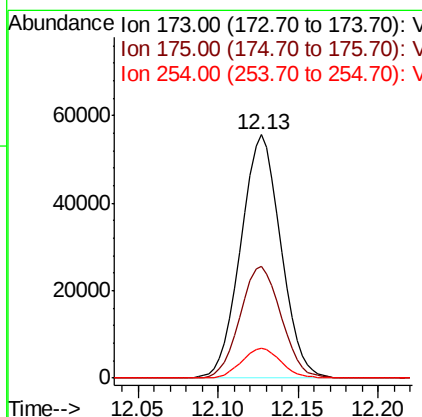
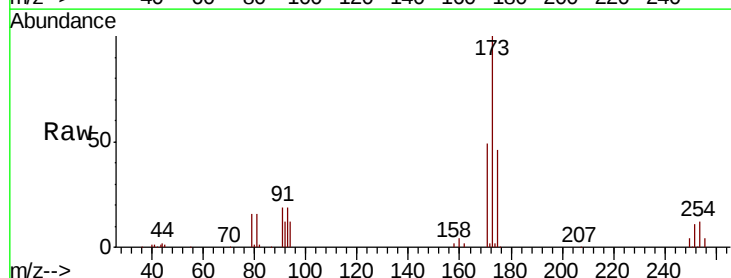
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

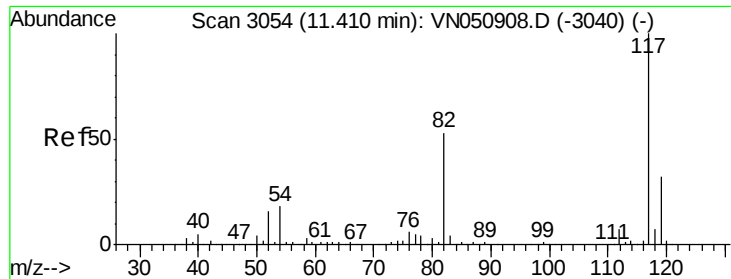
Tot Ion: 63 Resp: 285011
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.2
106 28.0 22.0 33.0



#56
Bromoform
Concen: 18.81 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 173 Resp: 95113
Ion Ratio Lower Upper
173 100
175 47.1 39.2 58.8
254 12.1 9.0 13.6

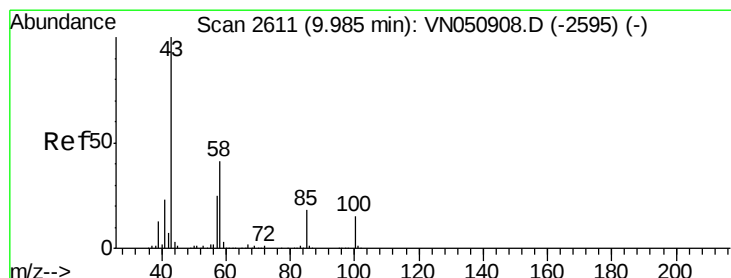
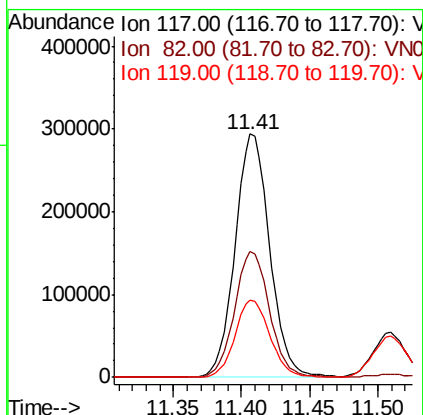
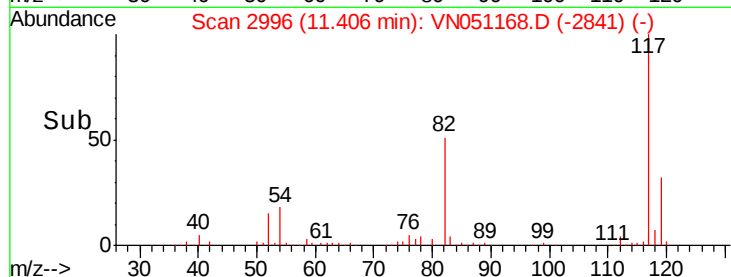
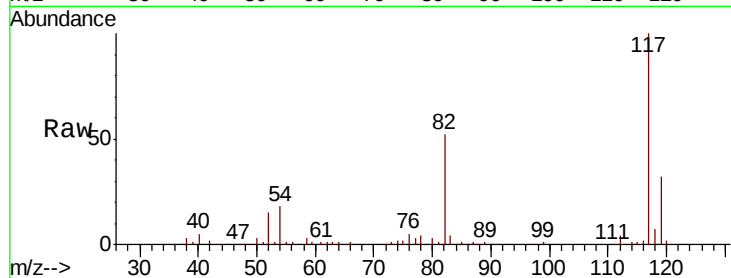




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

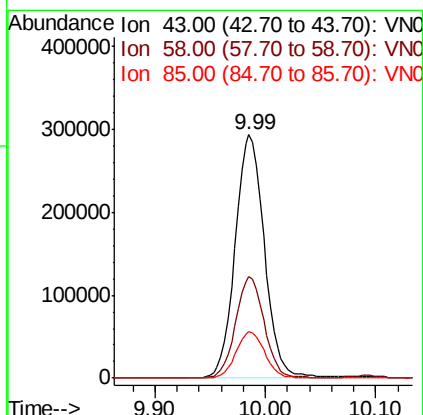
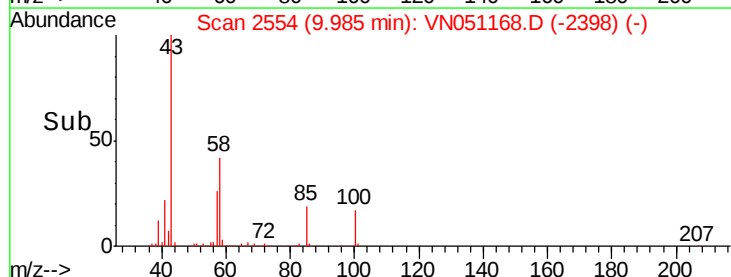
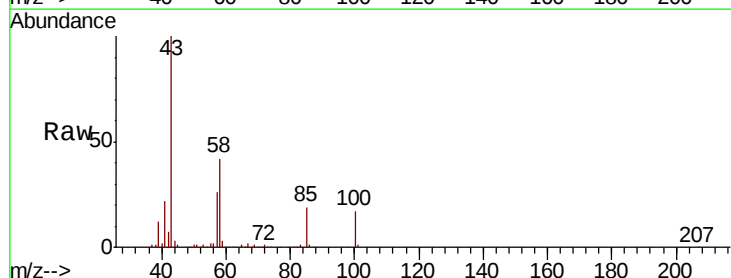
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

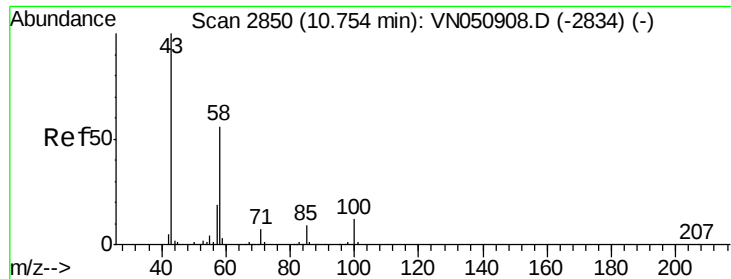
Tot Ion:117 Resp: 517826
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 90.71 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 43 Resp: 537412
Ion Ratio Lower Upper
43 100
58 41.0 32.3 48.5
85 18.8 14.9 22.3

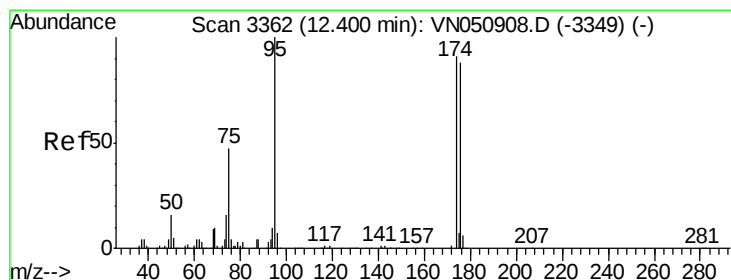
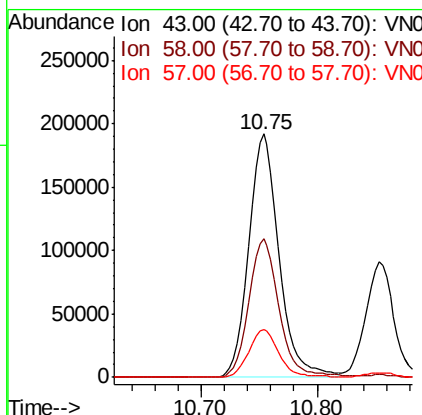
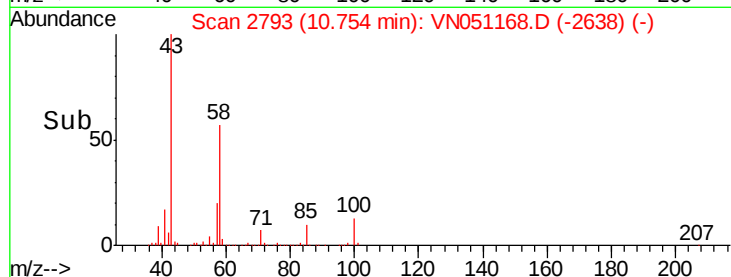
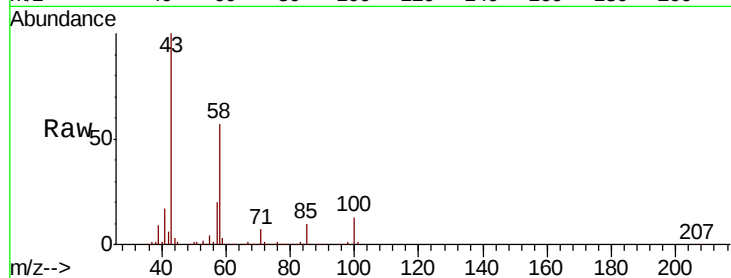




#59
2-Hexanone
Concen: 90.00 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

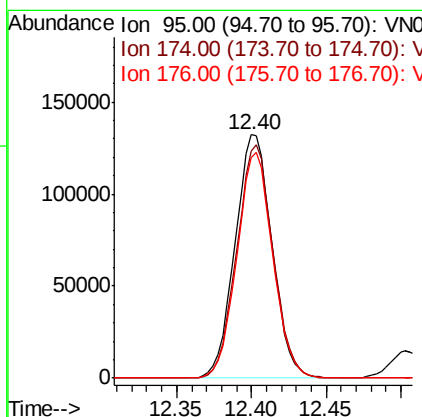
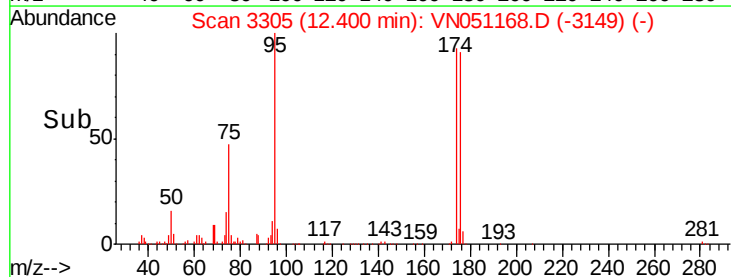
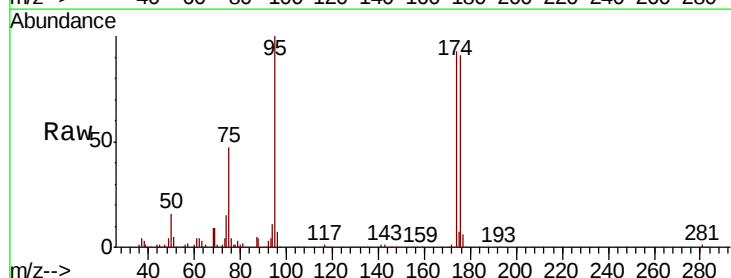
Instrument :
MSVOA_N
ClientSampled :
VN0913WBS02

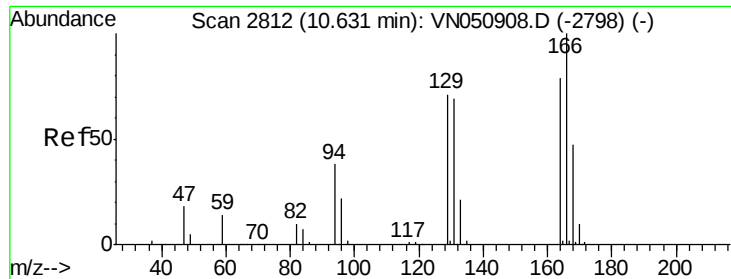
Tot Ion: 43 Resp: 348529
Ion Ratio Lower Upper
43 100
58 57.3 45.5 68.3
57 19.7 15.2 22.8



#60
4-Bromofluorobenzene
Concen: 29.43 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 95 Resp: 226648
Ion Ratio Lower Upper
95 100
174 94.3 74.6 112.0
176 90.3 71.5 107.3





#61

Tetrachloroethene

Concen: 19.12 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampled :

VN0913WBS02

Tot Ion:164 Resp: 123354

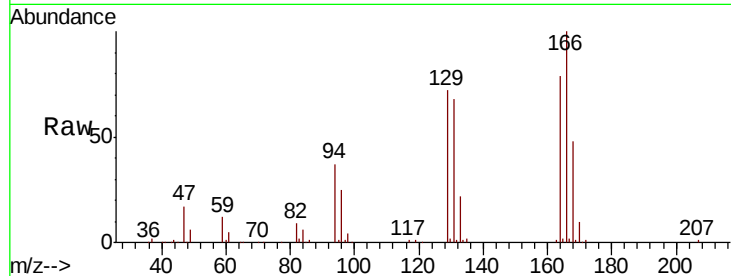
Ion Ratio Lower Upper

164 100

166 126.9 100.6 151.0

129 91.3 71.0 106.6

131 86.5 69.3 103.9

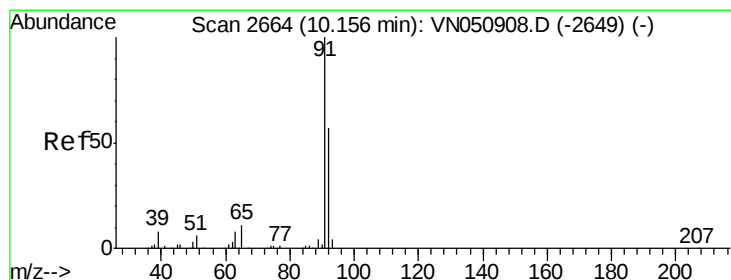
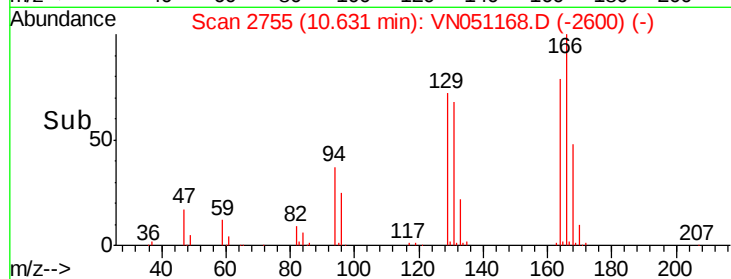
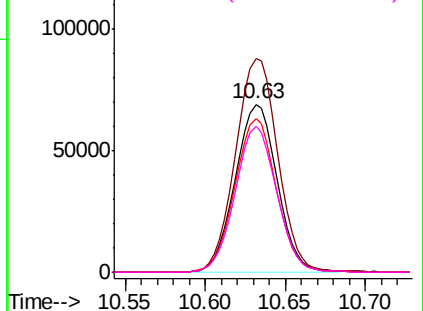


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.00 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051168.D

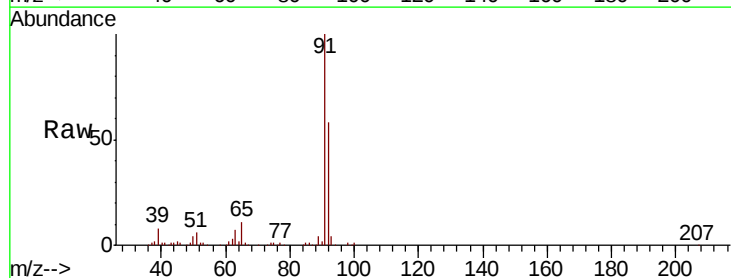
Acq: 13 Sep 2018 13:44

Tgt Ion: 91 Resp: 548982

Ion Ratio Lower Upper

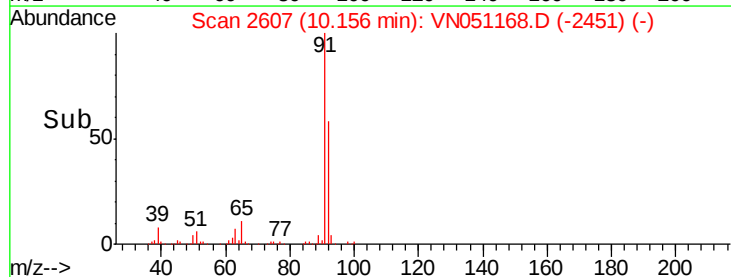
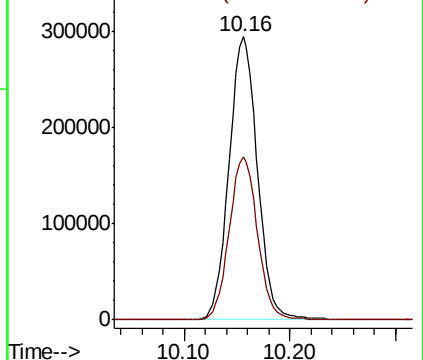
91 100

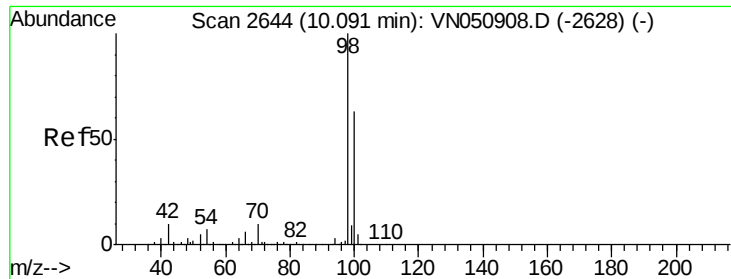
92 57.5 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.09 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

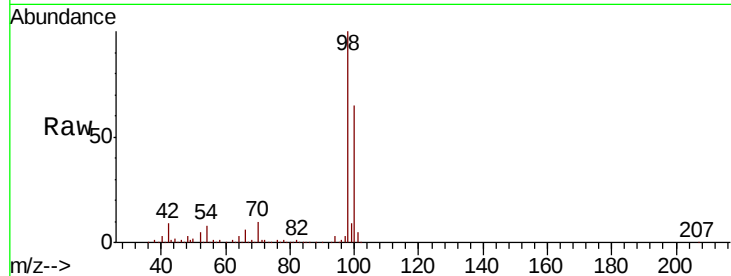
VN0913WBS02

Tot Ion: 98 Resp: 726646

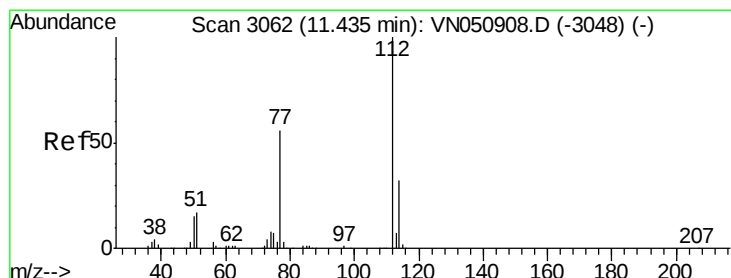
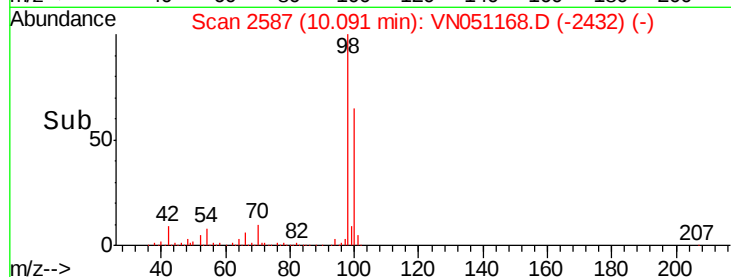
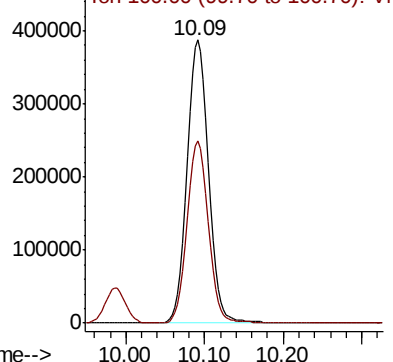
Ion Ratio Lower Upper

98 100

100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051168.D (-2628) (-)



#64

Chlorobenzene

Concen: 18.88 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051168.D

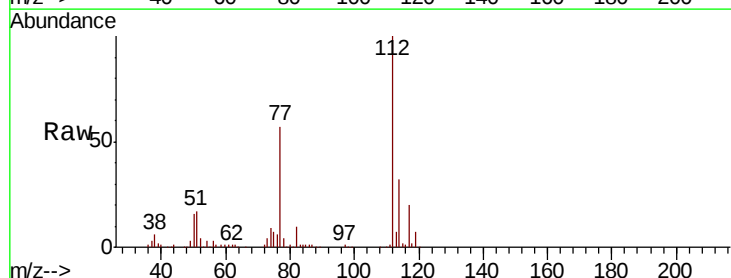
Acq: 13 Sep 2018 13:44

Tgt Ion: 112 Resp: 338096

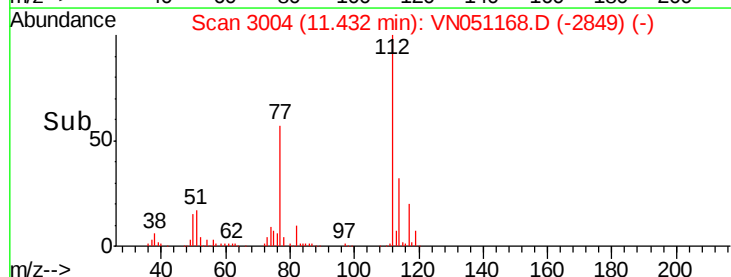
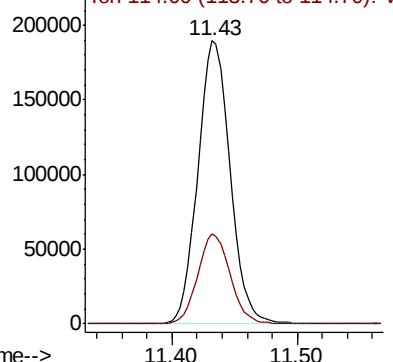
Ion Ratio Lower Upper

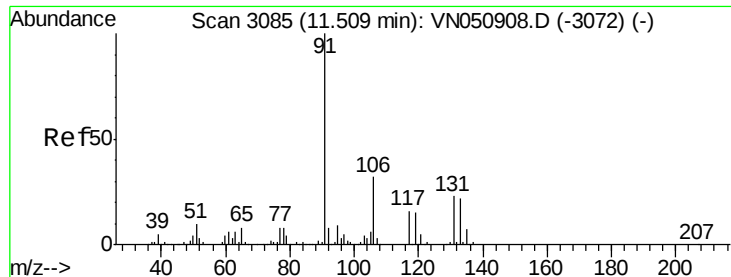
112 100

114 32.0 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VN051168.D (-3048) (-)

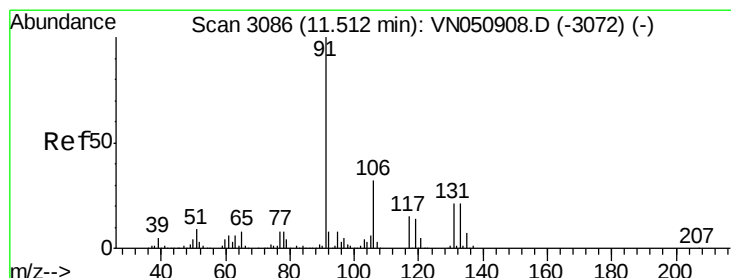
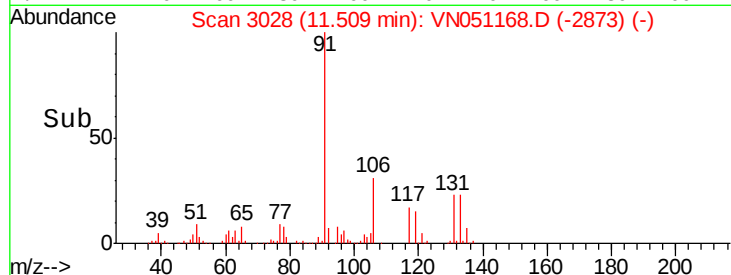
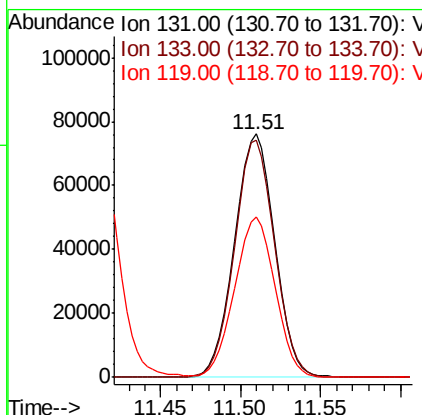
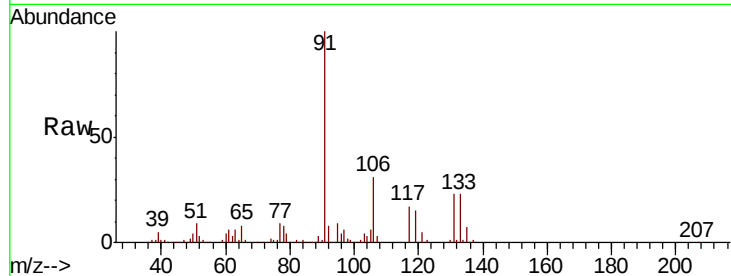




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.35 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

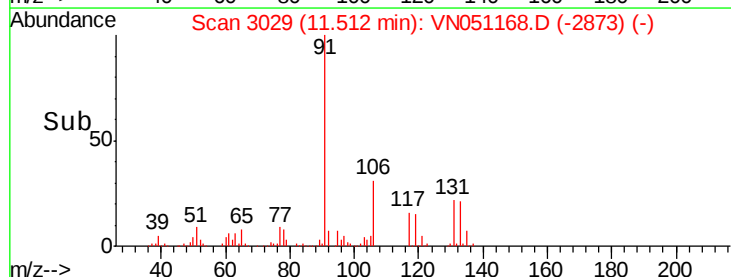
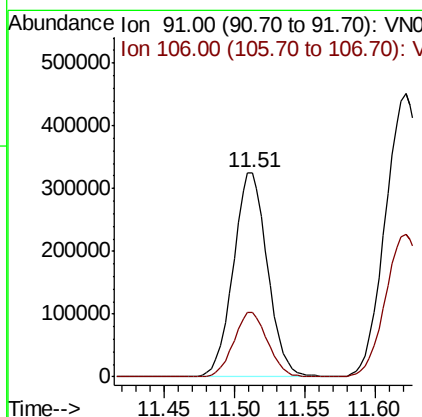
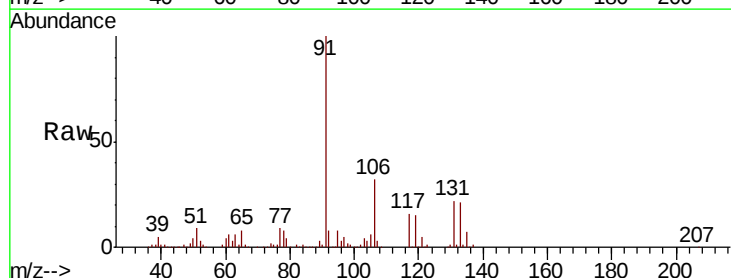
Instrument :
 MSVOA_N
 ClientSampled :
 VN0913WBS02

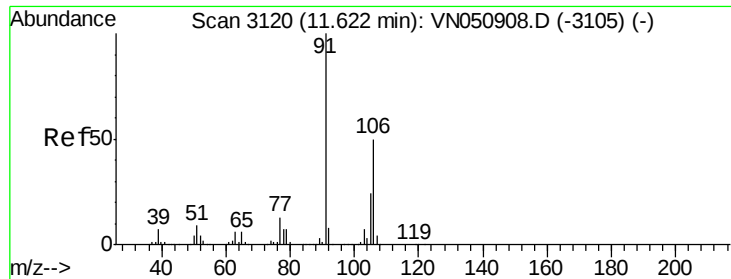
Tot Ion	Ratio	Lower	Upper
131	100		
133	97.0	0.0	189.4
119	66.2	0.0	132.2



#66
 Ethyl Benzene
 Concen: 18.46 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.7	38.5

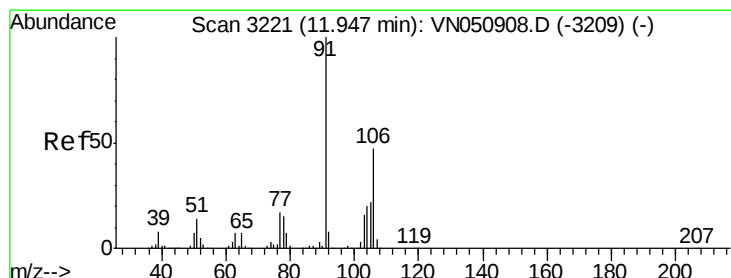
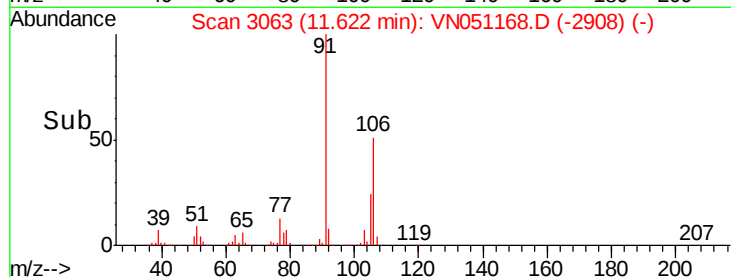
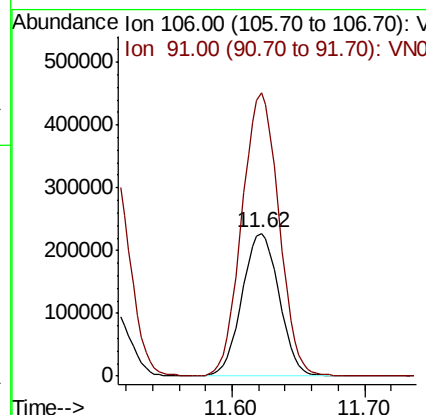
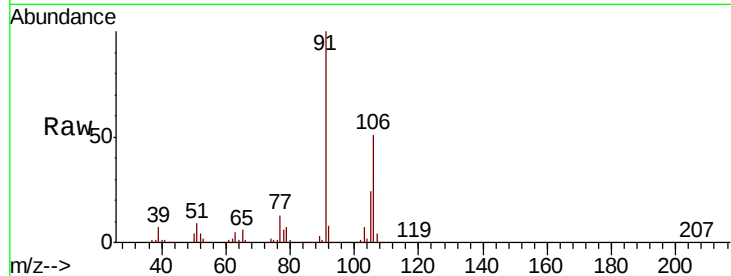




#67
m/p-Xylenes
Concen: 38.35 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

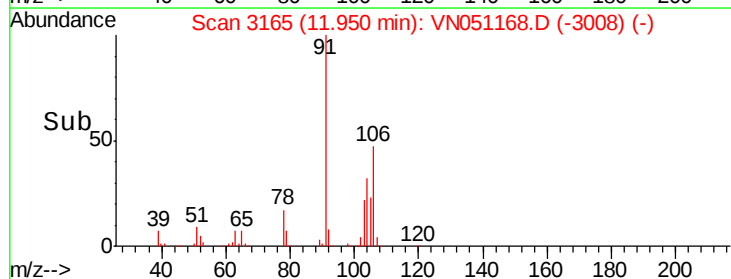
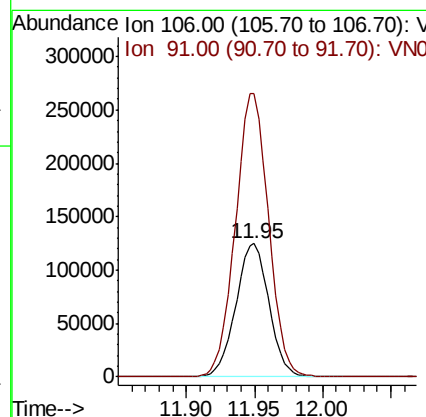
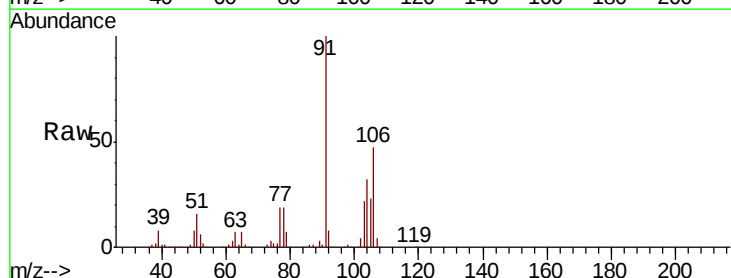
Instrument :
MSVOA_N
ClientSampled :
VN0913WBS02

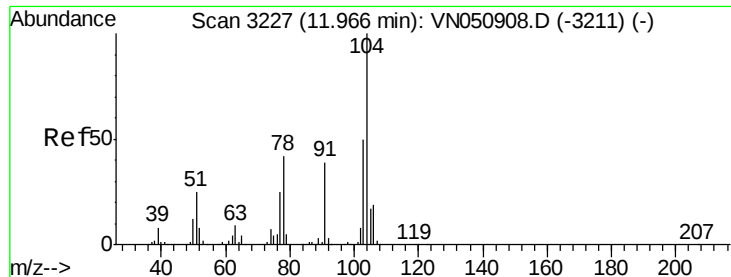
Tot Ion:106 Resp: 441528
Ion Ratio Lower Upper
106 100
91 199.1 160.6 241.0



#68
o-Xylene
Concen: 19.15 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion:106 Resp: 210628
Ion Ratio Lower Upper
106 100
91 212.1 106.4 319.2

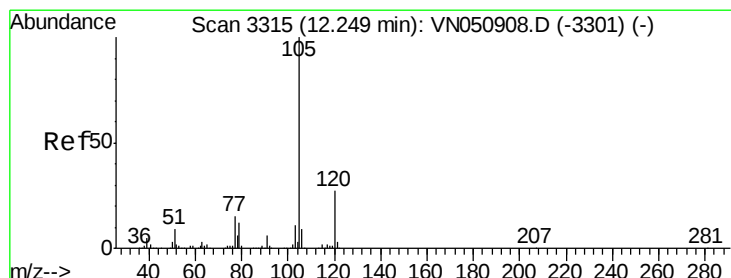
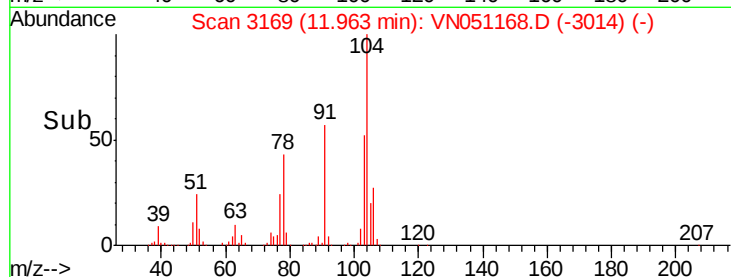
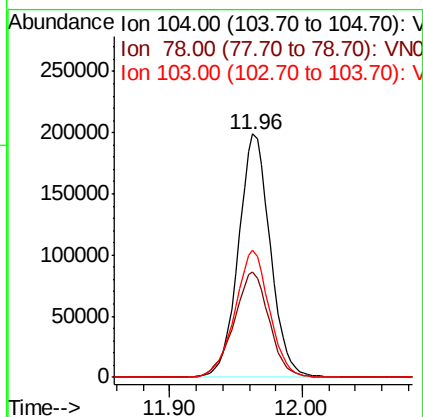
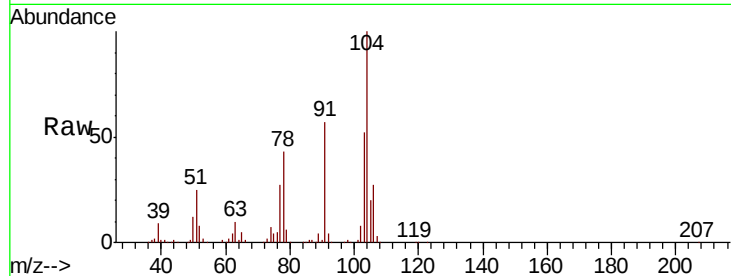




#69
Stvrene
Concen: 18.96 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

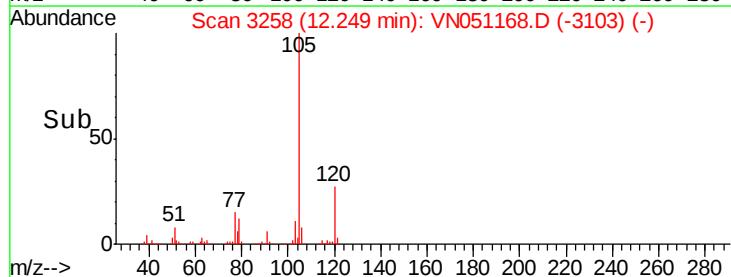
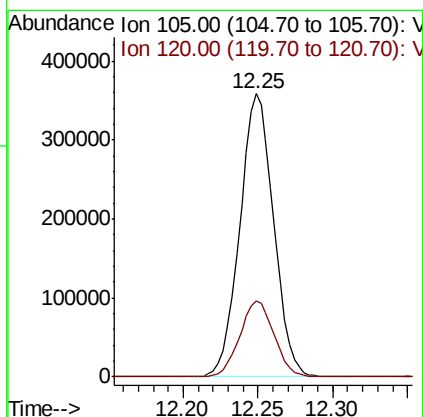
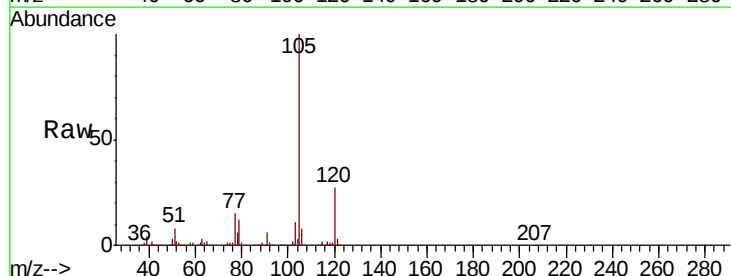
Instrument :
MSVOA_N
ClientSampled :
VN0913WBS02

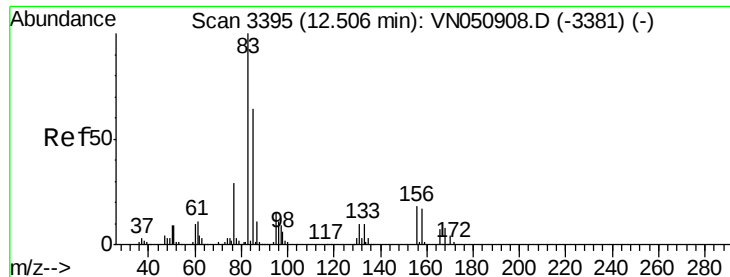
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.6	58.0
103	56.7	45.4	68.2



#70
Isopropylbenzene
Concen: 19.22 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	18.6	34.6

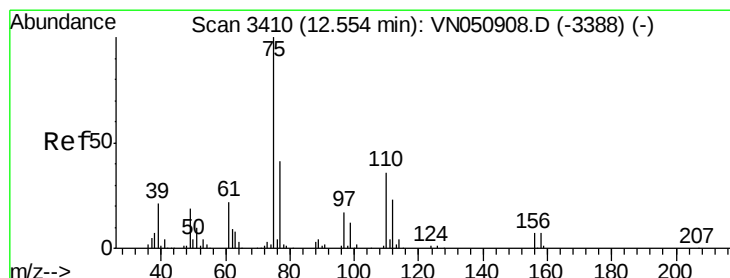
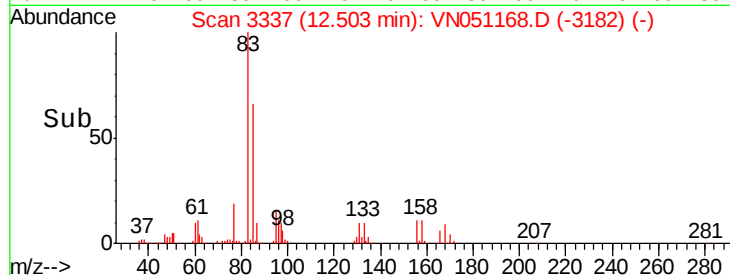
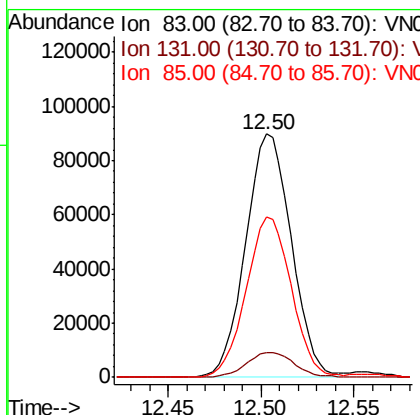
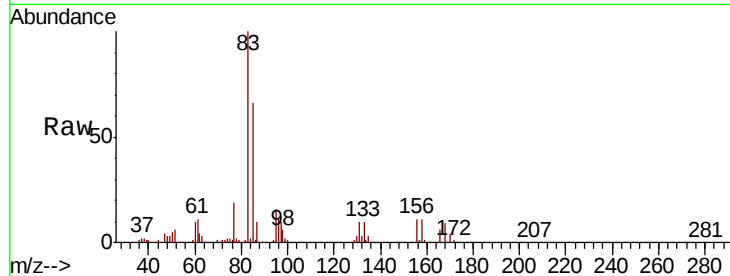




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.42 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

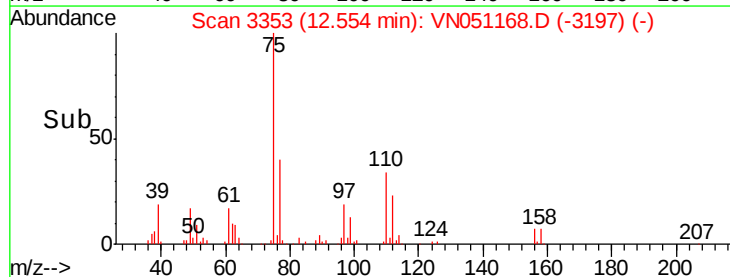
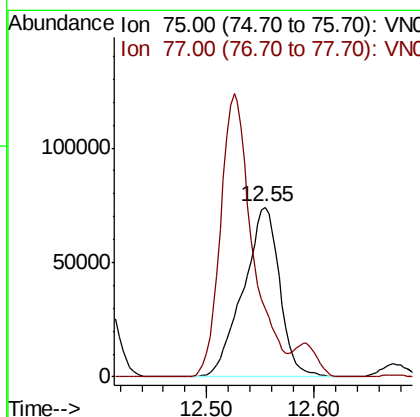
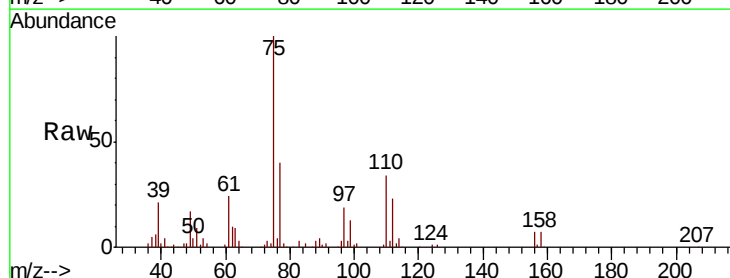
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

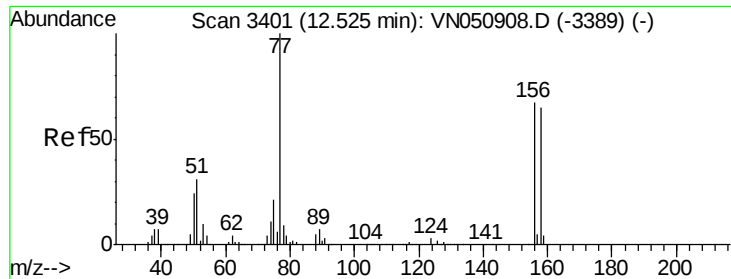
Tot Ion	83	Resp	153695
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	15.9
85	65.0	32.3	96.9



#72
 1,2,3-Trichloropropane
 Concen: 25.51 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion	75	Resp	174178
Ion Ratio	Lower	Upper	
75	100		
77	147.4	0.0	301.6





#73

Bromobenzene

Concen: 18.86 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS02

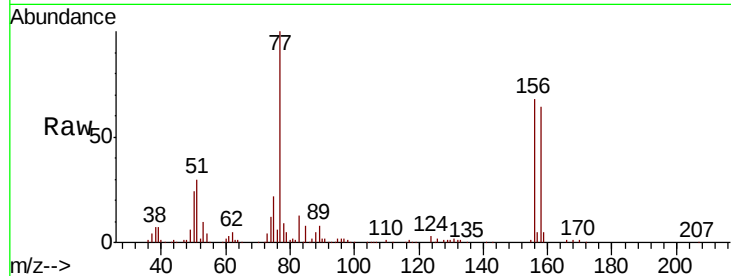
Tot Ion:156 Resp: 145087

Ion Ratio Lower Upper

156 100

77 176.9 0.0 359.4

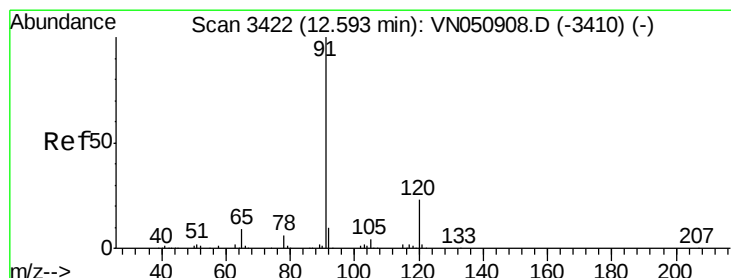
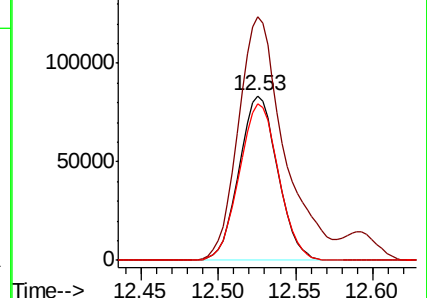
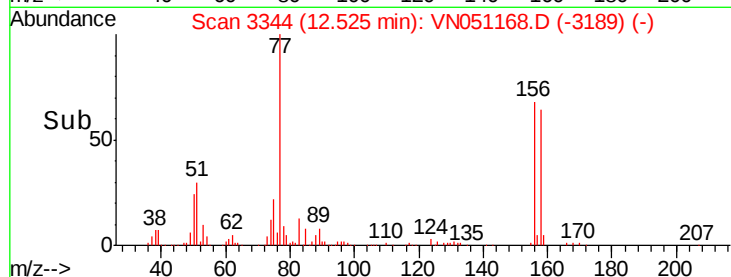
158 96.7 0.0 194.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.64 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN051168.D

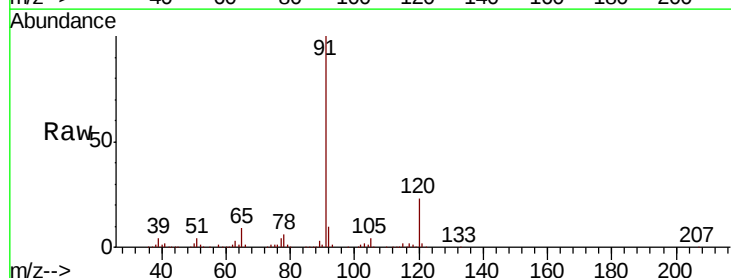
Acq: 13 Sep 2018 13:44

Tgt Ion: 91 Resp: 616094

Ion Ratio Lower Upper

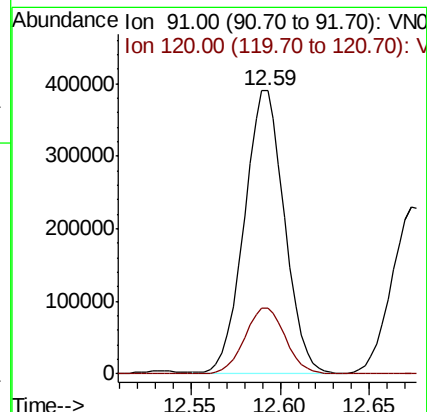
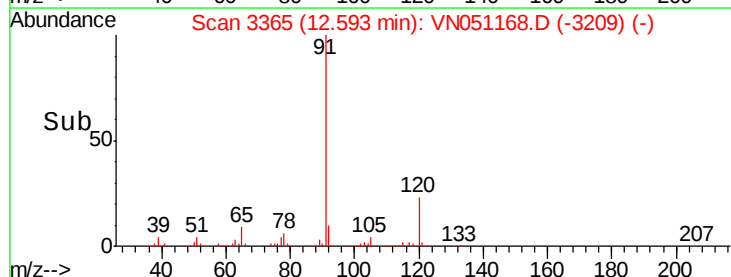
91 100

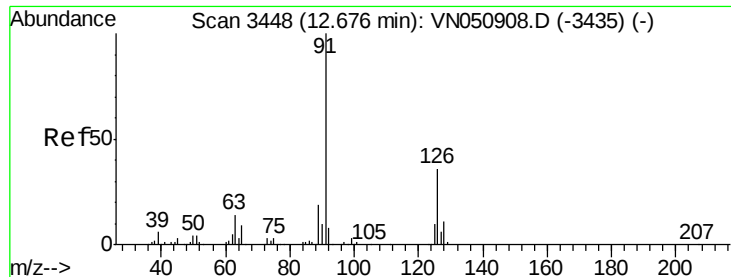
120 23.6 0.0 46.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.09 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

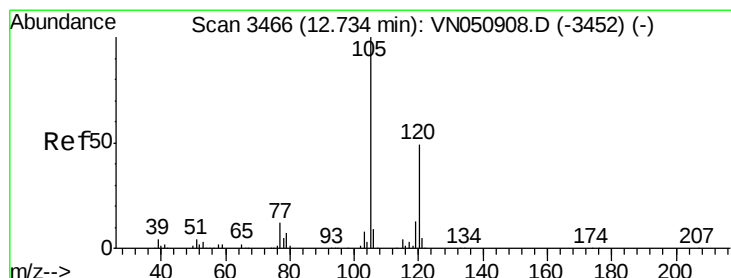
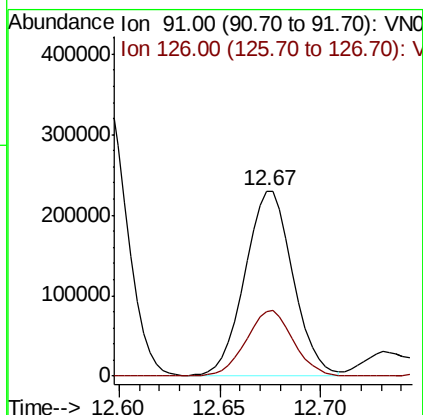
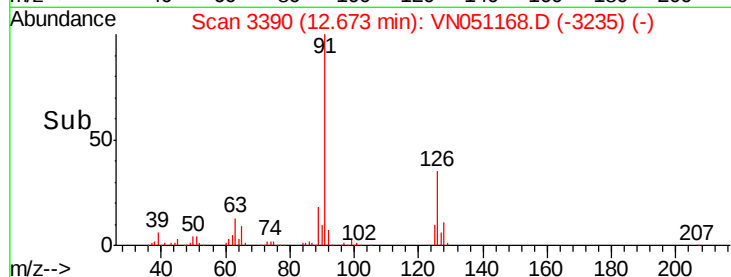
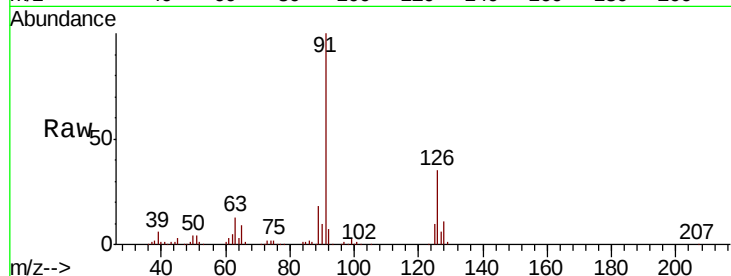
VN0913WBS02

Tot Ion: 91 Resp: 383268

Ion Ratio Lower Upper

91 100

126 35.0 0.0 71.8



#76

1,3,5-Trimethylbenzene

Concen: 19.06 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN051168.D

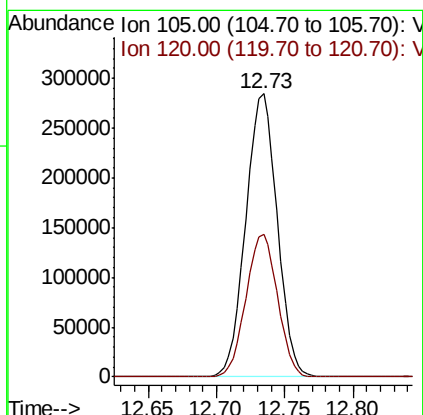
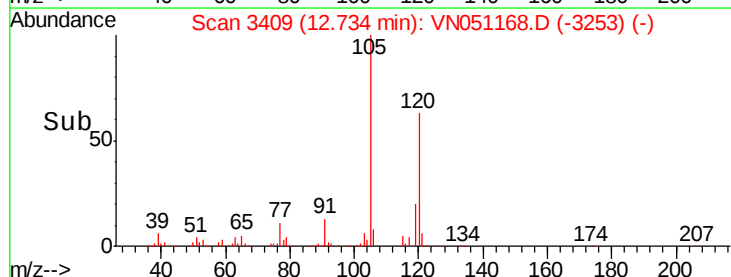
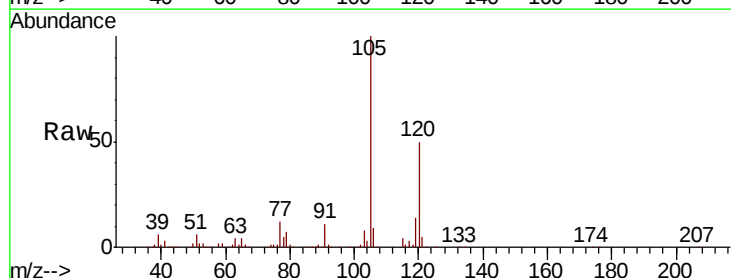
Acq: 13 Sep 2018 13:44

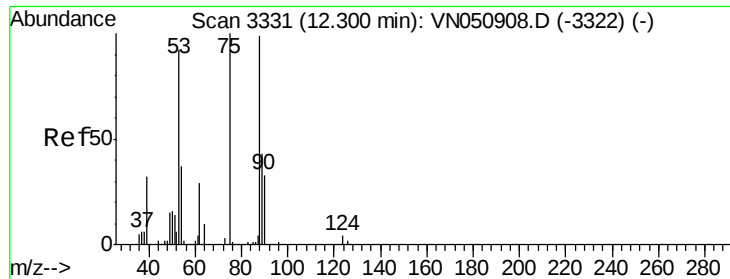
Tgt Ion: 105 Resp: 455235

Ion Ratio Lower Upper

105 100

120 50.7 0.0 99.6

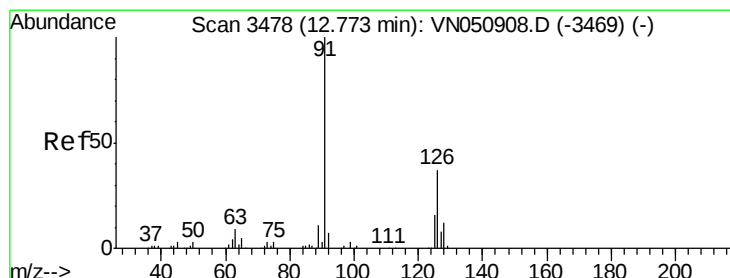
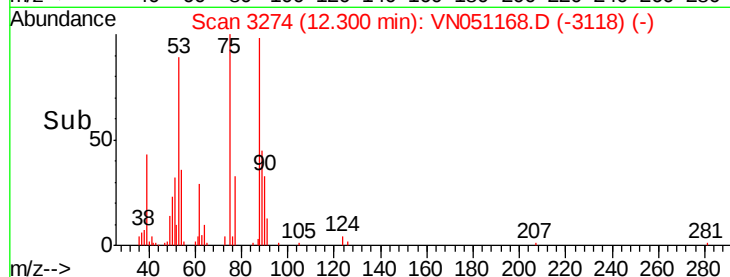
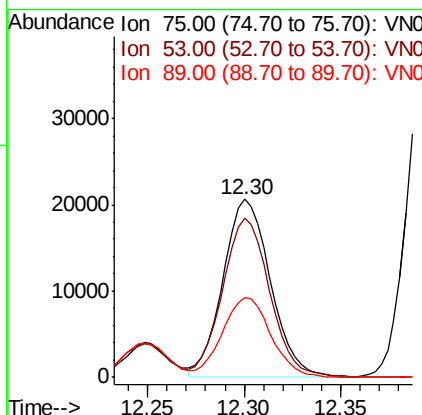
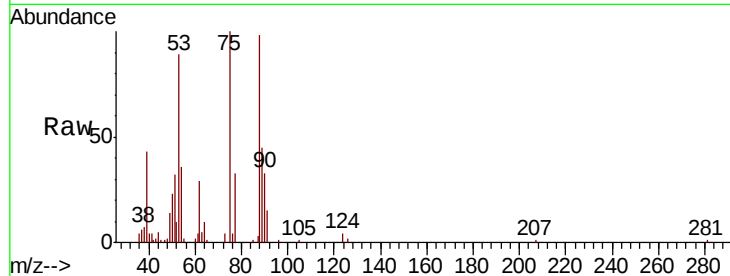




#77
t-1,4-Dichloro-2-butene
Concen: 18.10 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

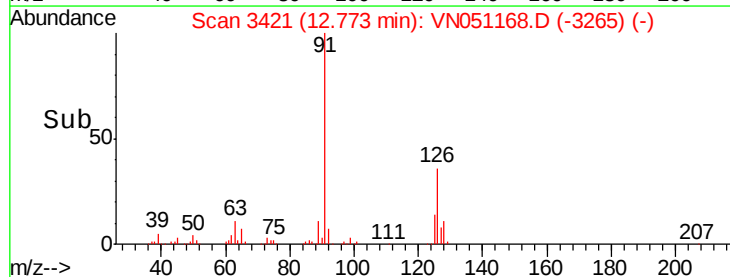
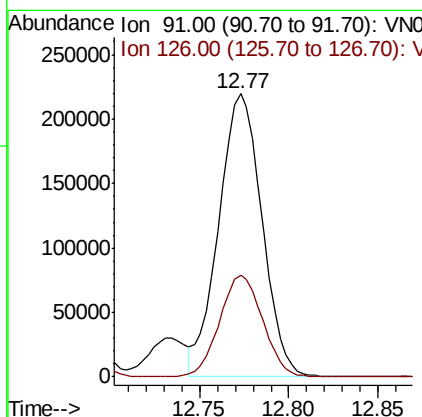
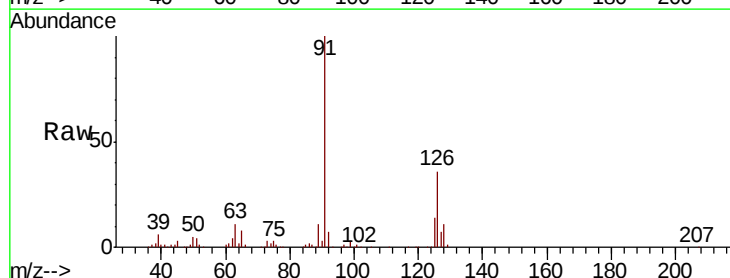
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

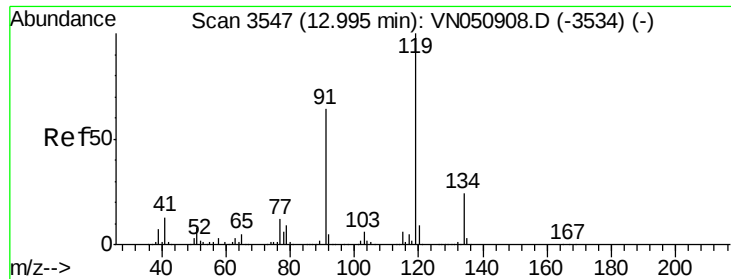
Tot Ion: 75 Resp: 35220
Ion Ratio Lower Upper
75 100
53 88.0 45.5 136.4
89 44.8 21.9 65.8



#78
4-Chlorotoluene
Concen: 18.60 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 91 Resp: 367811
Ion Ratio Lower Upper
91 100
126 35.9 0.0 69.8

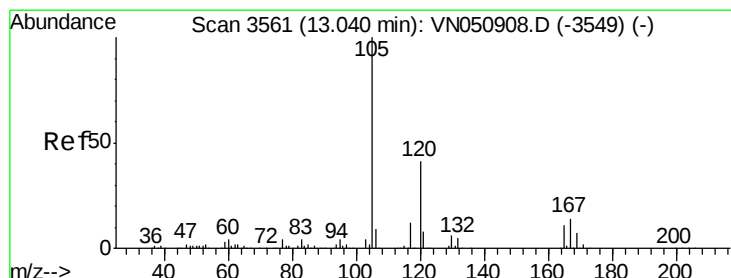
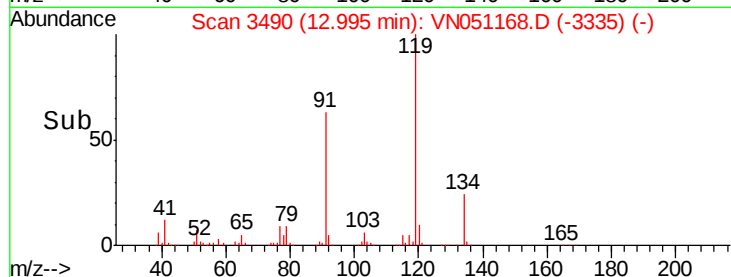
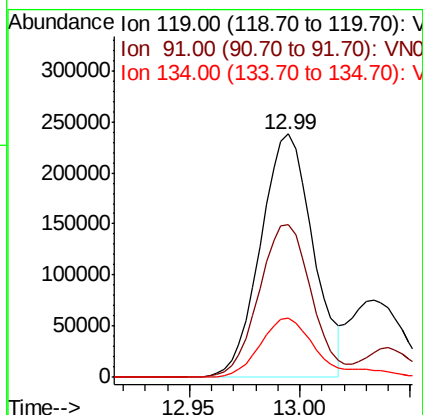
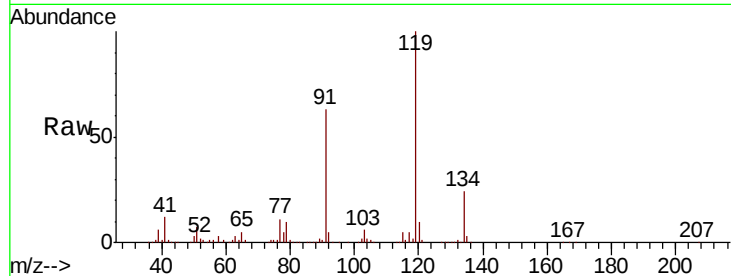




#79
tert-butylbenzene
Concen: 18.94 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

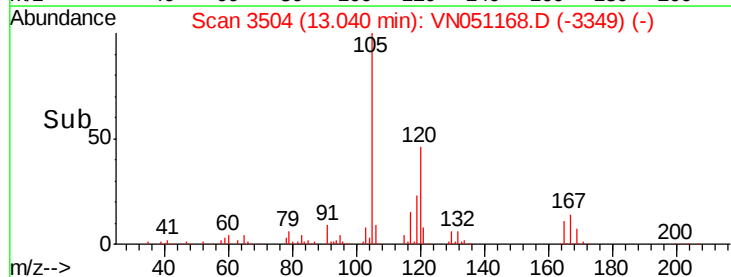
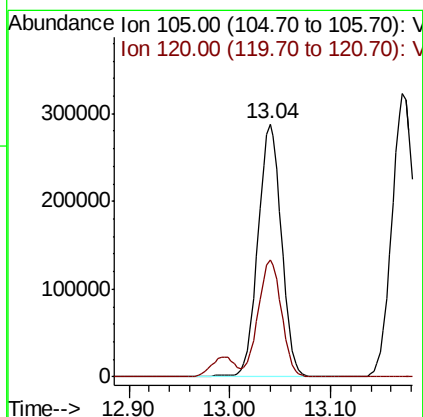
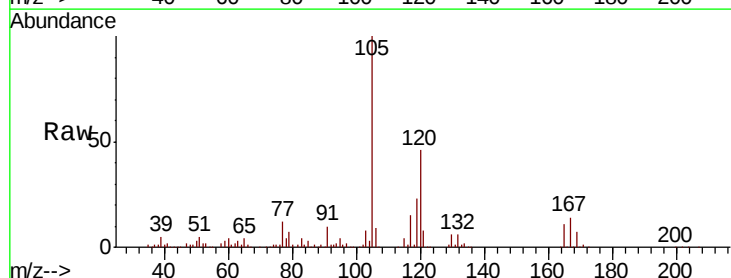
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

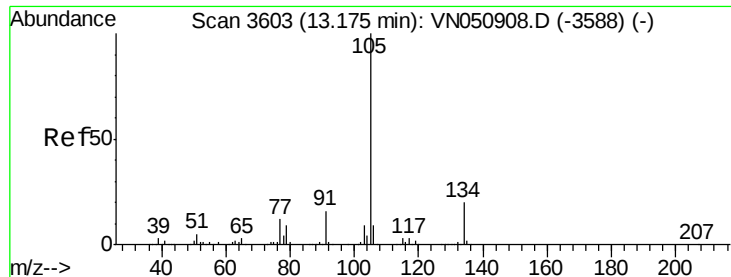
Tot Ion:119 Resp: 392870
Ion Ratio Lower Upper
119 100
91 62.5 0.0 125.6
134 24.5 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 19.44 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion:105 Resp: 462981
Ion Ratio Lower Upper
105 100
120 46.0 0.0 93.6

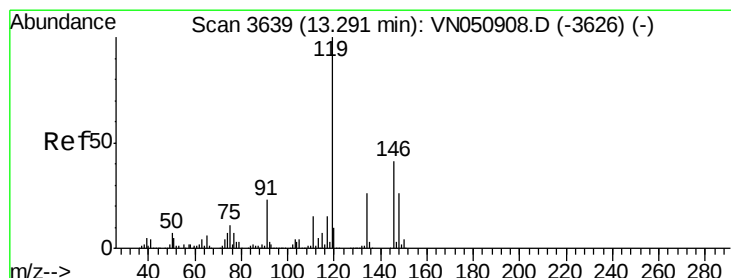
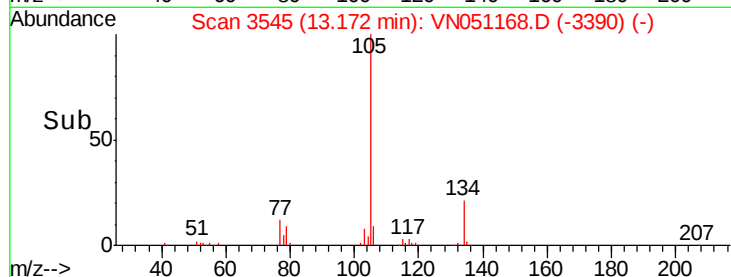
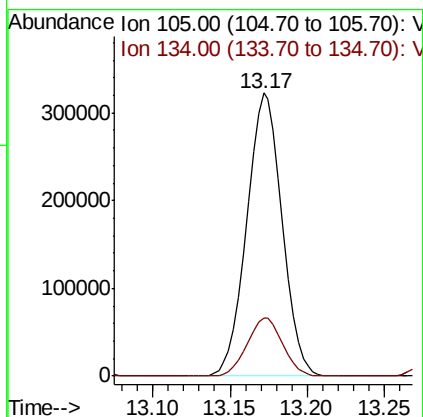
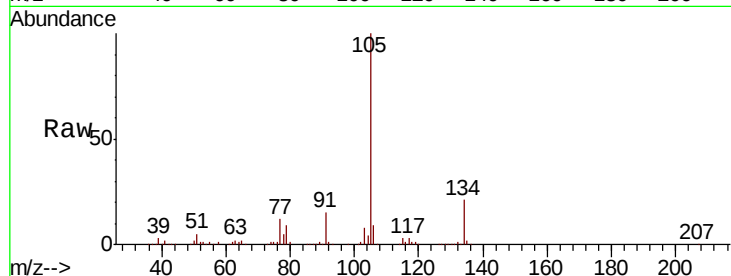




#81
 sec-Butylbenzene
 Concen: 18.87 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

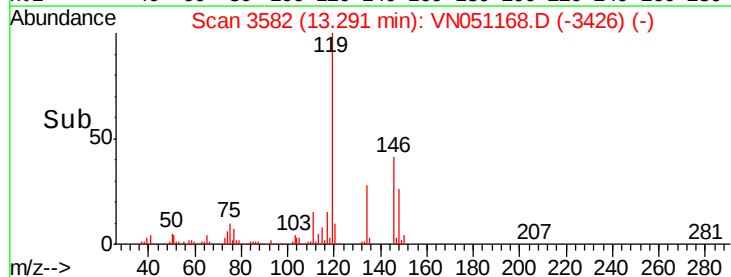
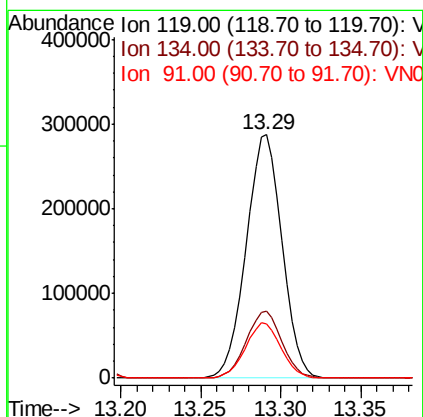
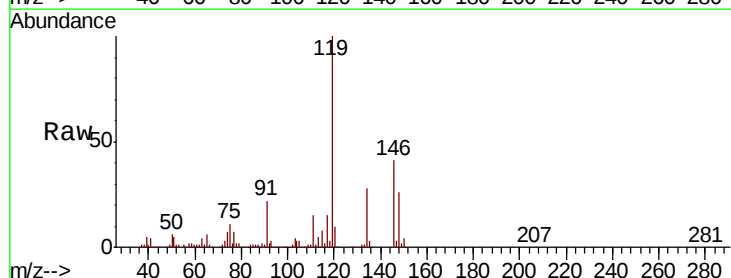
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

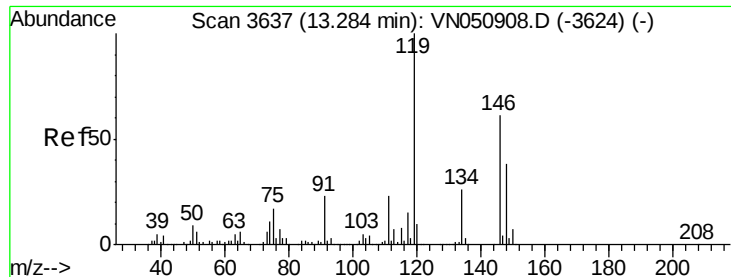
Tot Ion:105 Resp: 512344
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 18.70 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion:119 Resp: 438247
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 53.2
 91 22.5 0.0 46.0

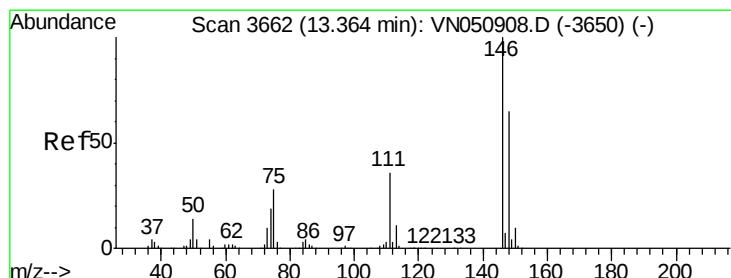
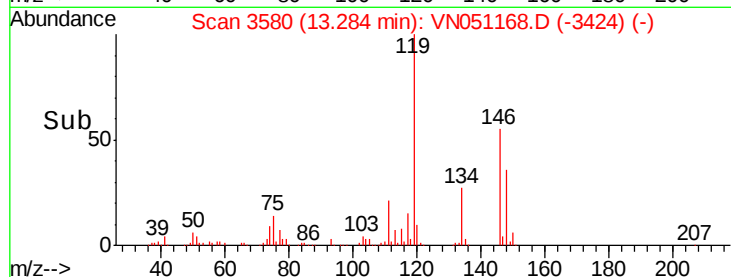
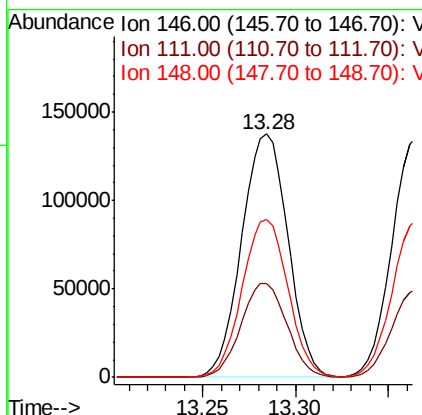
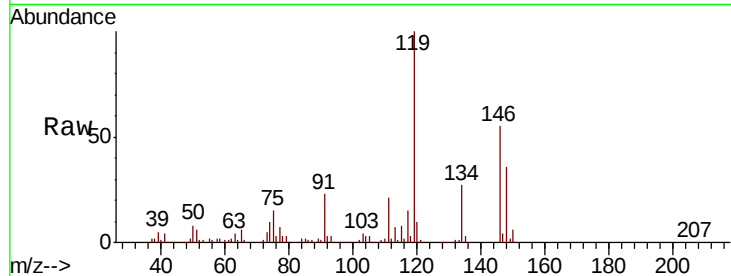




#83
 1,3-Dichlorobenzene
 Concen: 18.38 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

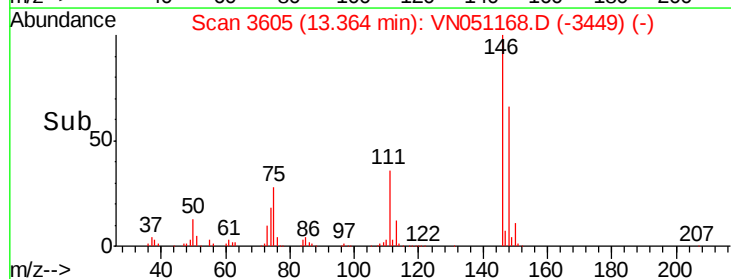
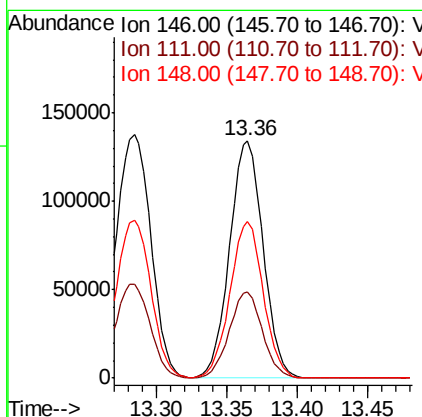
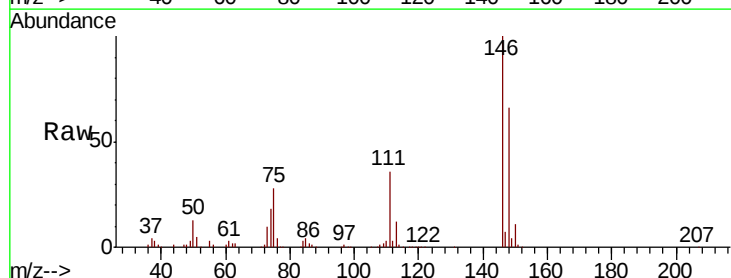
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

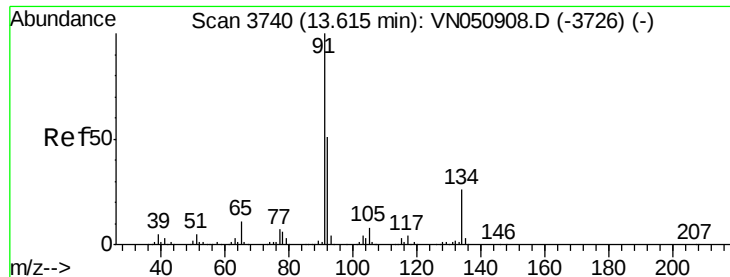
Tot Ion:146 Resp: 239071
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.6 55.6
 148 64.0 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 18.11 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion:146 Resp: 223098
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.7 53.1
 148 65.2 31.6 94.8

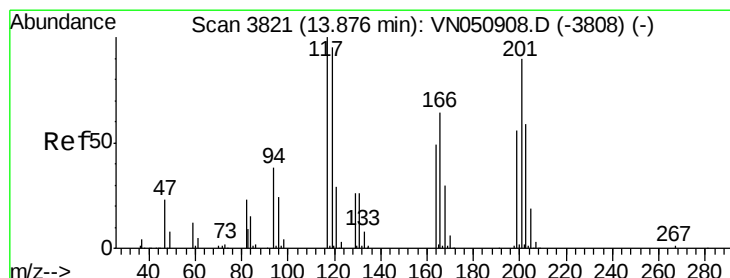
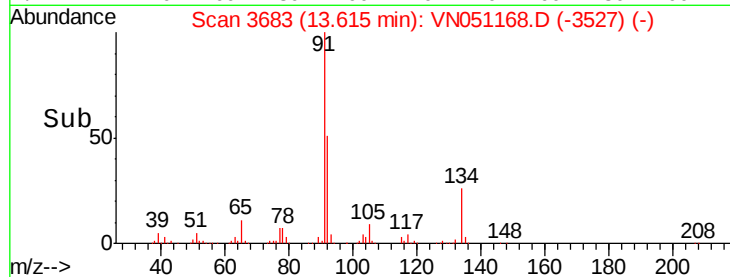
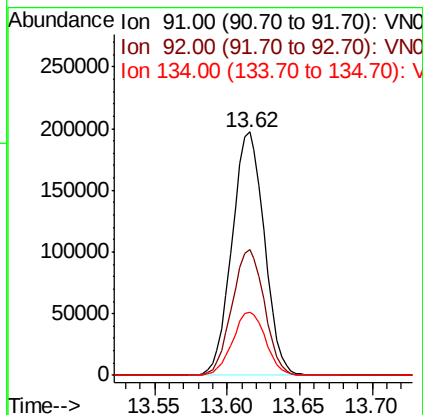
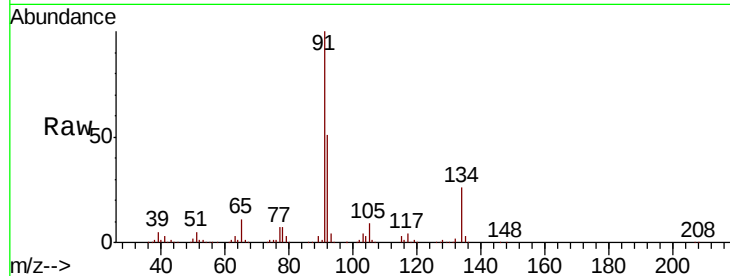




#85
n-Butylbenzene
Concen: 17.10 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

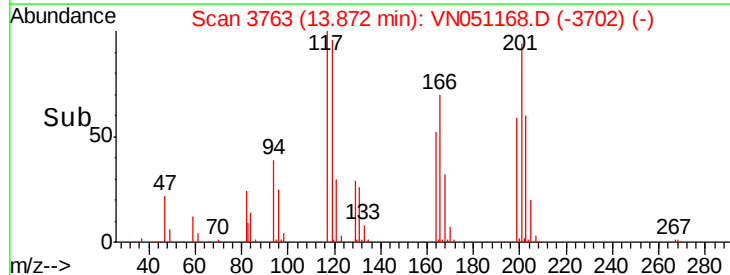
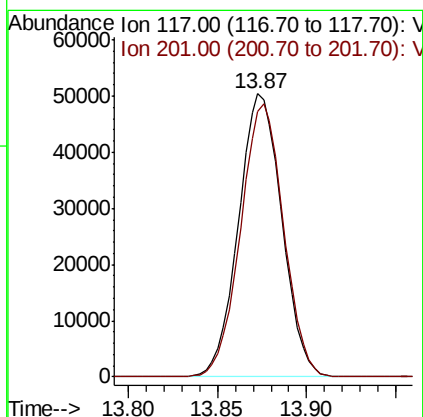
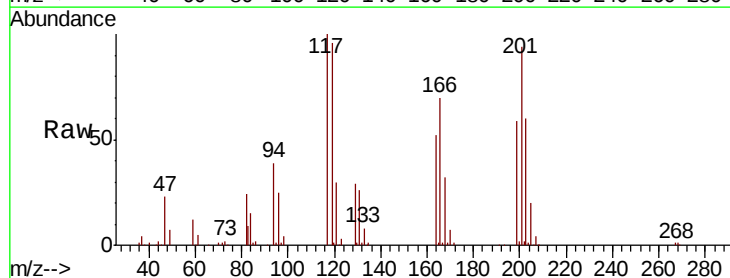
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS02

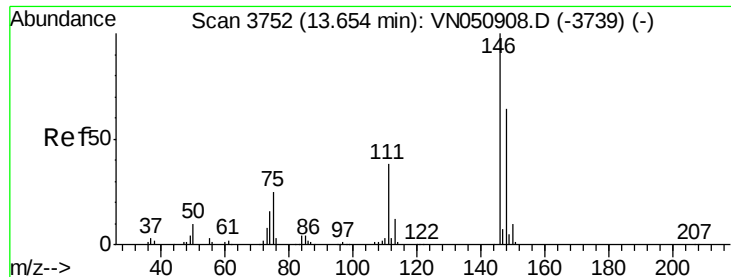
Tot Ion: 91 Resp: 305786
Ion Ratio Lower Upper
91 100
92 51.6 0.0 101.8
134 26.4 0.0 52.2



#86
Hexachloroethane
Concen: 19.00 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051168.D
Acq: 13 Sep 2018 13:44

Tgt Ion: 117 Resp: 85445
Ion Ratio Lower Upper
117 100
201 95.3 45.8 137.4

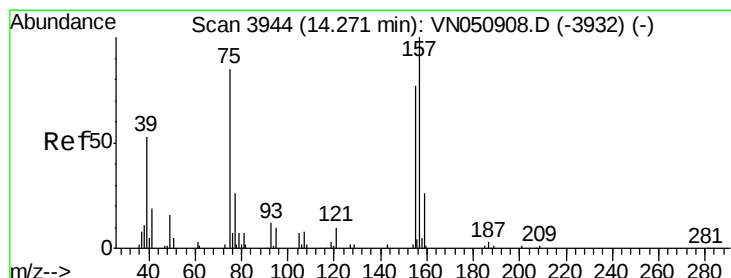
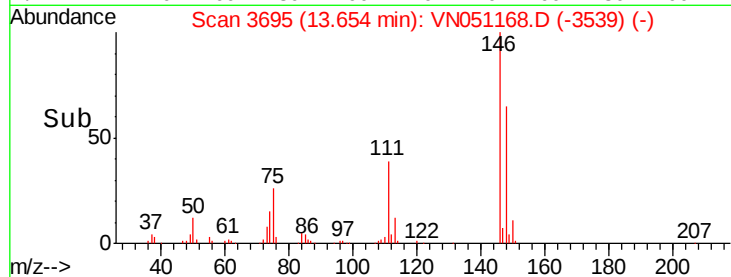
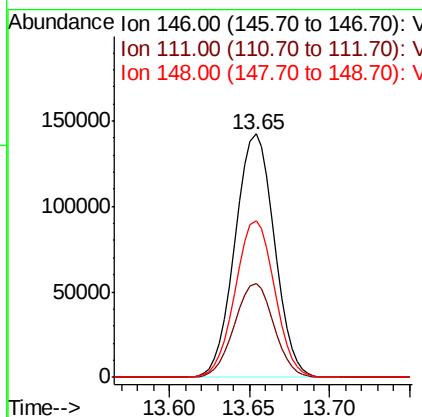
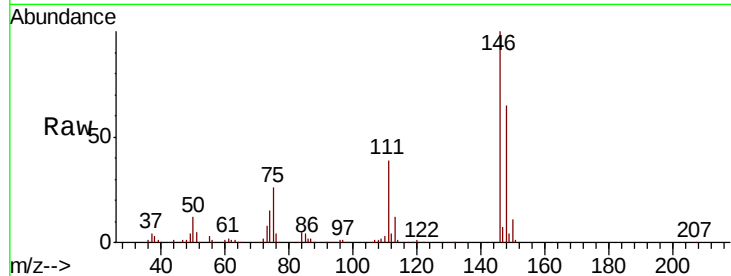




#87
 1,2-Dichlorobenzene
 Concen: 18.63 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

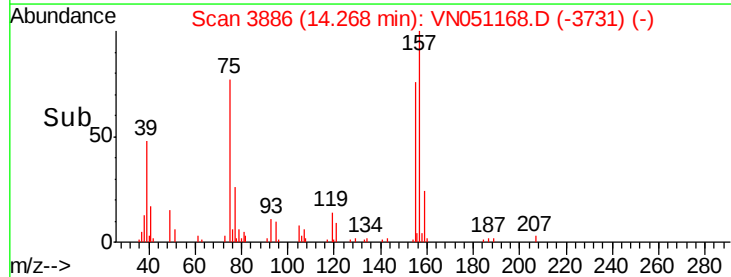
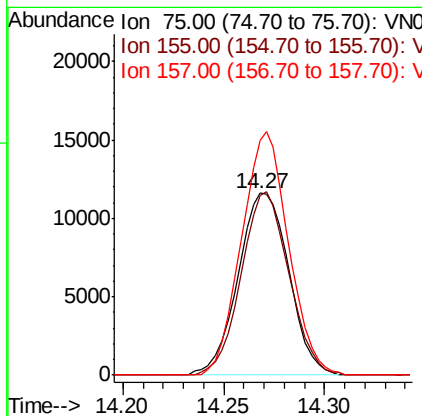
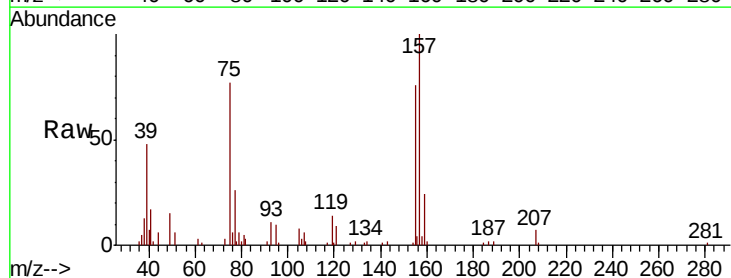
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

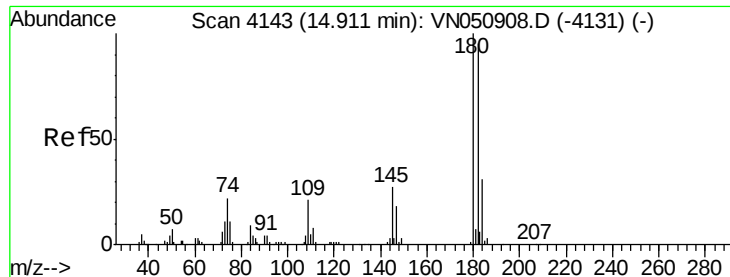
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	64.5	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.44 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	71.8	107.6
157	123.9	91.1	136.7

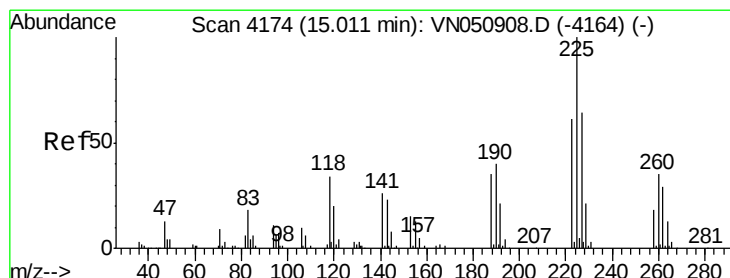
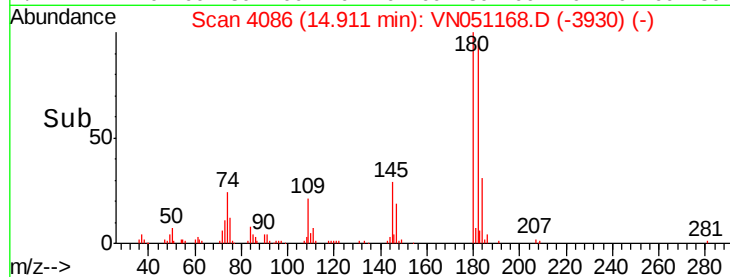
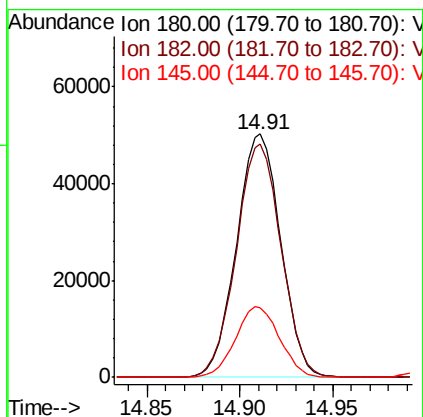
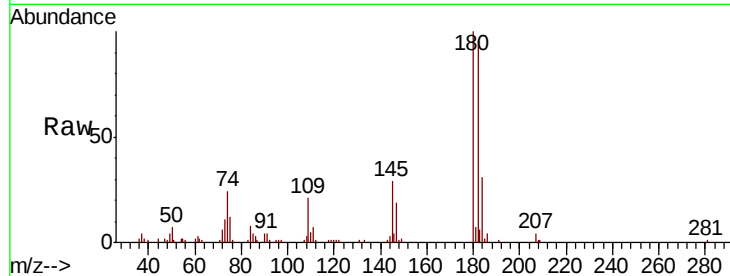




#89
 1,2,4-Trichlorobenzene
 Concen: 14.65 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

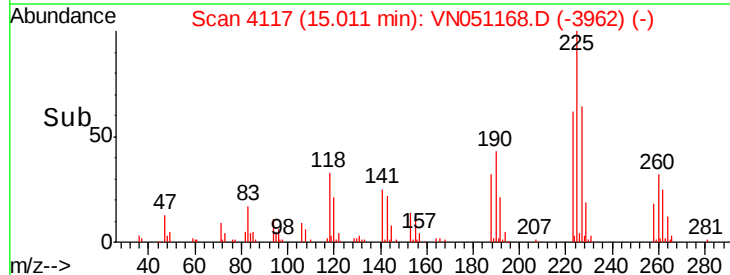
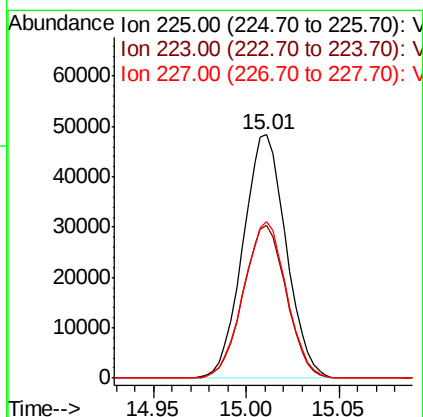
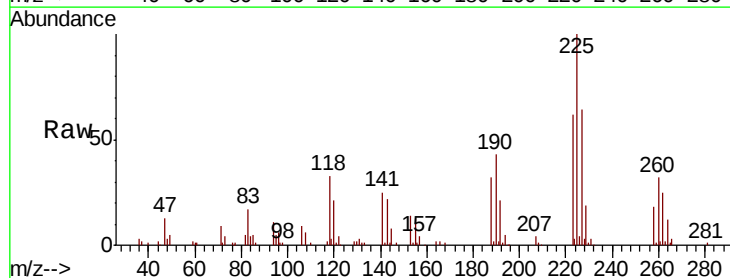
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

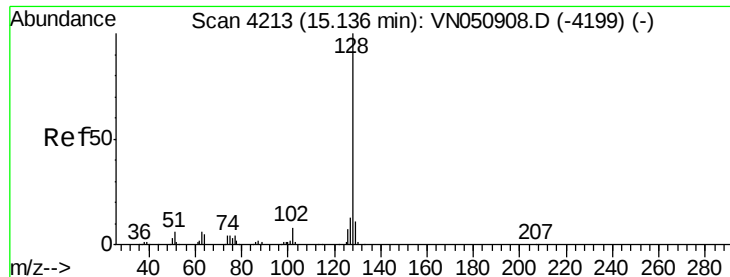
Tot Ion:180 Resp: 83472
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.2 114.4
 145 28.9 22.2 33.4



#90
 Hexachlorobutadiene
 Concen: 20.25 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051168.D
 Acq: 13 Sep 2018 13:44

Tgt Ion:225 Resp: 78394
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 127.8
 227 64.3 0.0 128.4





#91

Naphthalene

Concen: 17.51 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS02

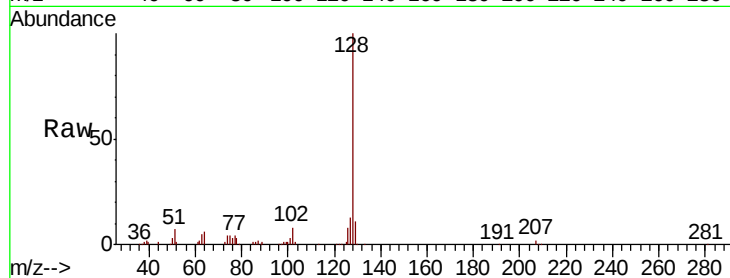
Tot Ion:128 Resp: 159191

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

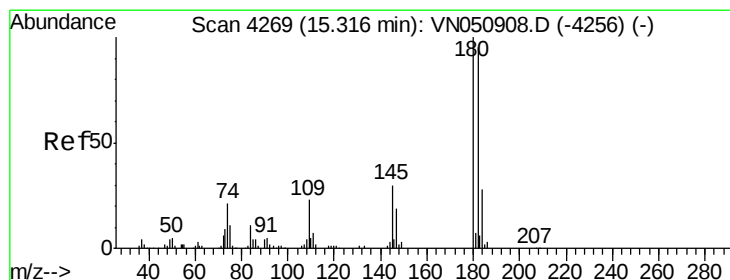
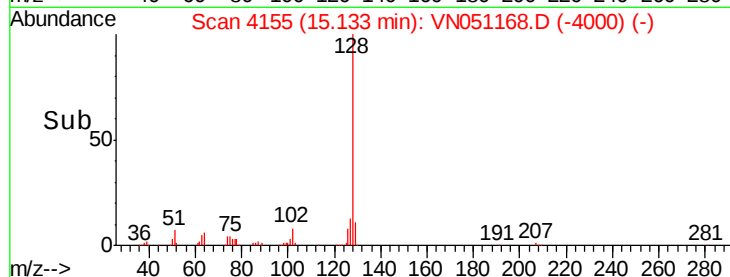
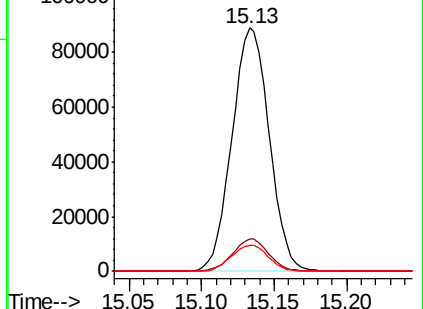
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.20 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN051168.D

Acq: 13 Sep 2018 13:44

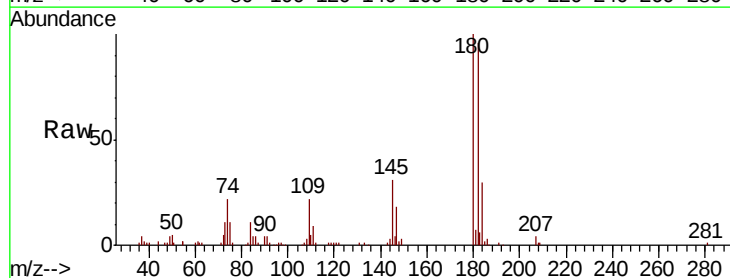
Tgt Ion:180 Resp: 92638

Ion Ratio Lower Upper

180 100

182 95.8 0.0 192.8

145 29.7 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

