

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051188.D
 Acq On : 14 Sep 2018 14:22
 Operator : MD\SY
 Sample : VN0914WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

Quant Time: Sep 15 08:22:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	575081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	803866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	704523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	309515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	311922	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.59	113	308763	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1122466	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	334137	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	93795	16.91	ug/l	98
3) Chloromethane	2.06	50	123578	16.90	ug/l	98
4) Vinyl Chloride	2.18	62	130897	17.19	ug/l	98
5) Bromomethane	2.57	94	73073	16.35	ug/l	99
6) Chloroethane	2.70	64	78799	16.77	ug/l	99
7) Trichlorofluoromethane	3.01	101	185751	18.41	ug/l	98
8) Diethyl Ether	3.42	74	62476	16.84	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	121471	18.68	ug/l	100
10) Methyl Iodide	3.95	142	80784	17.42	ug/l	97
11) Tert butyl alcohol	4.79	59	34308	70.18	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	105918	17.27	ug/l	96
13) Acrolein	3.61	56	38272	82.20	ug/l	100
14) Allyl chloride	4.33	41	155455	16.63	ug/l	99
15) Acrylonitrile	4.99	53	180323	83.25	ug/l	99
16) Acetone	3.82	43	134237	80.88	ug/l	99
17) Carbon Disulfide	4.05	76	294661	16.37	ug/l	99
18) Methyl Acetate	4.33	43	90585	17.68	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	270368	16.67	ug/l	99
20) Methylene Chloride	4.56	84	126095	17.84	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	112960	16.98	ug/l	99
22) Diisopropyl ether	5.96	45	353621	19.06	ug/l	99
23) Vinyl Acetate	5.90	43	1058308	84.30	ug/l	99
24) 1,1-Dichloroethane	5.85	63	217167	18.45	ug/l	100
25) 2-Butanone	6.84	43	190443	75.69	ug/l	100
26) 2,2-Dichloropropane	6.83	77	173129	17.97	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	128991	17.67	ug/l	99
28) Bromochloromethane	7.19	49	94381	18.02	ug/l	99
29) Tetrahydrofuran	7.22	42	121653	77.42	ug/l	99
30) Chloroform	7.37	83	224443	19.17	ug/l	99
31) Cyclohexane	7.65	56	177955	16.80	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	188069	18.85	ug/l	99
36) 1,1-Dichloropropene	7.80	75	161164	18.26	ug/l	100
37) Ethyl Acetate	6.93	43	88455	17.31	ug/l	99
38) Carbon Tetrachloride	7.77	117	168335	19.38	ug/l	99

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 Sample : VN0914WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

Quant Time: Sep 15 08:22:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	163968	16.84	ug/l	97
40) Benzene	8.04	78	500901	18.83	ug/l	98
41) Methacrylonitrile	7.22	41	122688	46.52	ug/l #	13
42) 1,2-Dichloroethane	8.13	62	150174	19.37	ug/l	99
43) Isopropyl Acetate	8.17	43	154988	17.18	ug/l #	88
44) Trichloroethene	8.84	130	134795	18.53	ug/l	99
45) 1,2-Dichloropropane	9.12	63	133891	19.48	ug/l	100
46) Dibromomethane	9.21	93	76653	18.28	ug/l	99
47) Bromodichloromethane	9.40	83	165922	19.46	ug/l	100
48) Methyl methacrylate	9.20	41	72525	16.50	ug/l	98
49) 1,4-Dioxane	9.20	88	21001	304.70	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	427875	85.79	ug/l	99
52) Toluene	10.16	92	310611	19.15	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	148124	17.36	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	183559	18.35	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	113056	19.19	ug/l	98
56) Ethyl methacrylate	10.43	69	117795	16.62	ug/l	98
57) 1,3-Dichloropropane	10.71	76	180906	18.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	239980	83.04	ug/l	99
59) 2-Hexanone	10.75	43	257217	76.04	ug/l	98
60) Dibromochloromethane	10.90	129	127056	19.14	ug/l	99
61) 1,2-Dibromoethane	11.01	107	103038	17.89	ug/l	100
64) Tetrachloroethene	10.63	164	121769	18.94	ug/l	98
65) Chlorobenzene	11.44	112	330180	18.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	127243	19.90	ug/l	99
67) Ethyl Benzene	11.51	91	526649	18.31	ug/l	99
68) m/p-Xylenes	11.62	106	416727	37.71	ug/l	99
69) o-Xylene	11.95	106	197908	18.50	ug/l	100
70) Styrene	11.96	104	308064	18.56	ug/l	98
71) Bromoform	12.13	173	85316	18.95	ug/l #	98
73) Isopropylbenzene	12.25	105	520607	20.06	ug/l	99
74) N-amyl acetate	12.07	43	103184	15.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	129511	20.82	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	143357	29.26	ug/l #	100
77) Bromobenzene	12.53	156	134222	19.25	ug/l	99
78) n-propylbenzene	12.59	91	567678	19.90	ug/l	99
79) 2-Chlorotoluene	12.67	91	351228	19.70	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	424802	20.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26621	16.33	ug/l	94
82) 4-Chlorotoluene	12.77	91	338299	19.11	ug/l	99
83) tert-Butylbenzene	12.99	119	363229	19.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	421062	20.41	ug/l	99
85) sec-Butylbenzene	13.17	105	470886	19.82	ug/l	100
86) p-Isopropyltoluene	13.29	119	400144	19.86	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	219011	18.52	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	206785	19.05	ug/l	99
89) n-Butylbenzene	13.62	91	271854	17.34	ug/l	99
90) Hexachloroethane	13.87	117	79539	21.33	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	211866	18.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15740	18.18	ug/l	93

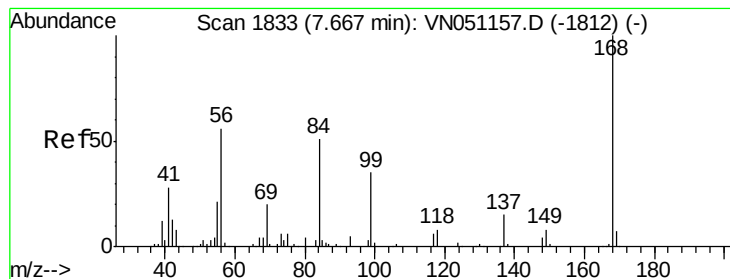
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
Data File : VN051188.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	67635	15.16	ug/l	99
94) Hexachlorobutadiene	15.01	225	72260	20.48	ug/l	99
95) Naphthalene	15.13	128	113547	14.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	72651	15.80	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

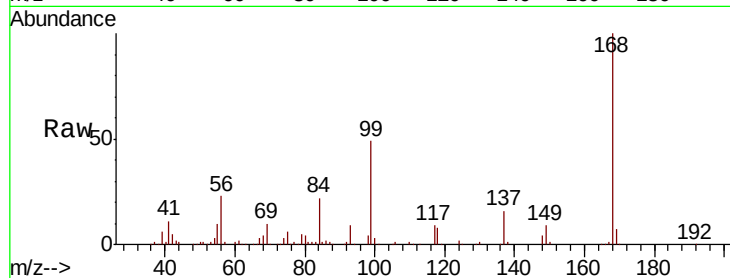
VN0914WBS02

Tot Ion:168 Resp: 575081

Ion Ratio Lower Upper

168 100

99 49.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

100000

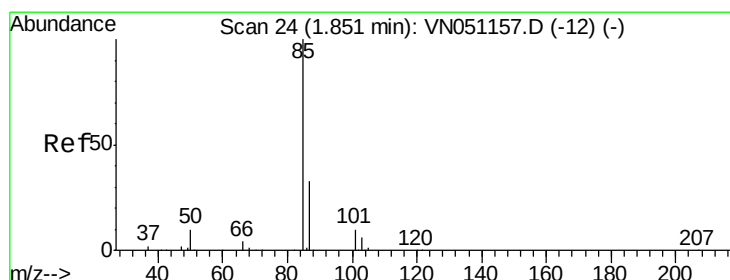
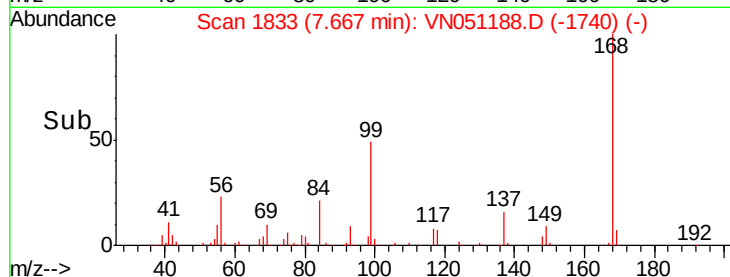
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.91 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051188.D

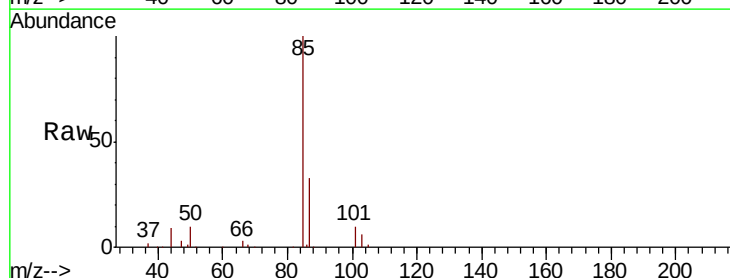
Acq: 14 Sep 2018 14:22

Tgt Ion: 85 Resp: 93795

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

40000

20000

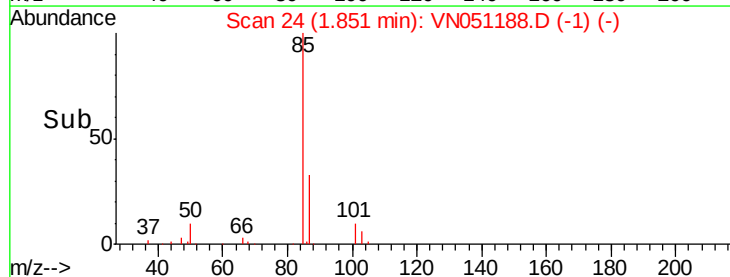
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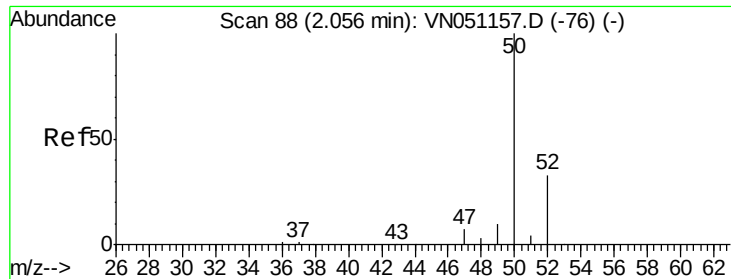
1.80

1.85

1.90

Time-->

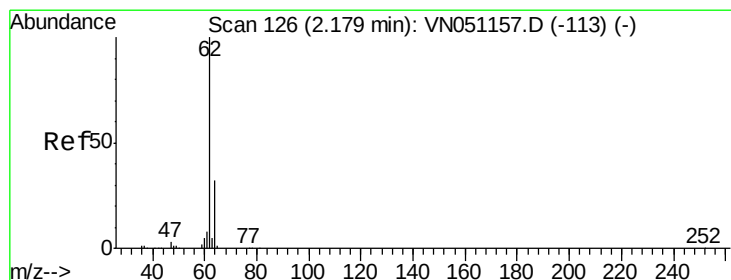
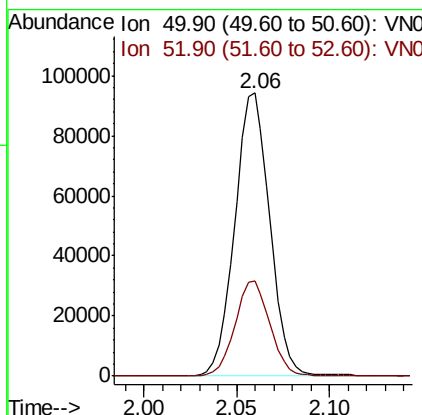
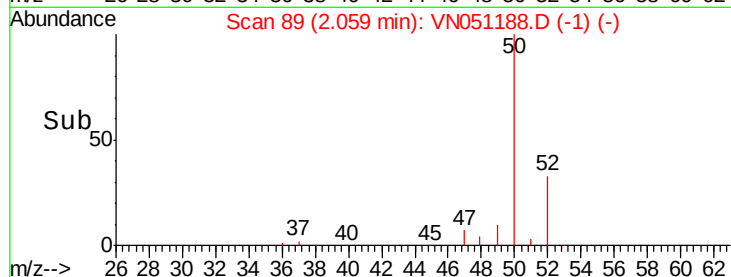
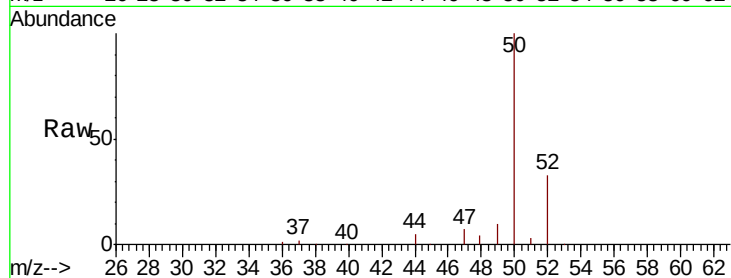




#3
 Chloromethane
 Concen: 16.90 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

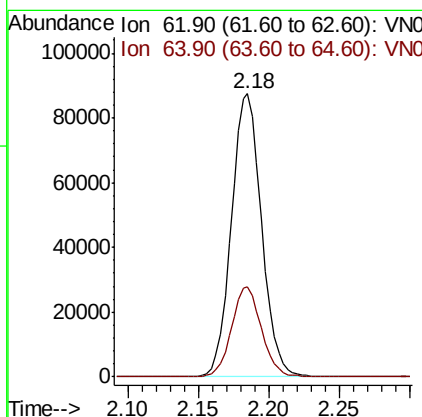
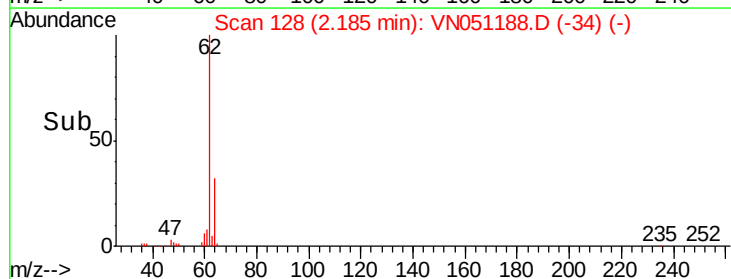
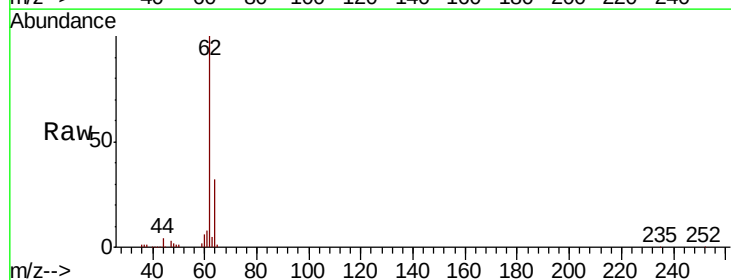
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS02

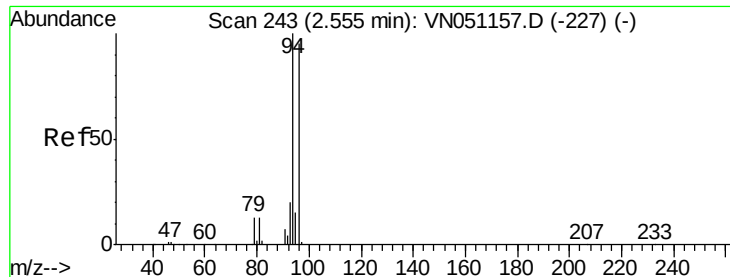
Tot Ion: 50 Resp: 123578
 Ion Ratio Lower Upper
 50 100
 52 33.5 26.0 39.0



#4
 Vinyl Chloride
 Concen: 17.19 ug/l
 RT: 2.18 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion: 62 Resp: 130897
 Ion Ratio Lower Upper
 62 100
 64 31.7 26.2 39.4





#5

Bromomethane

Concen: 16.35 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

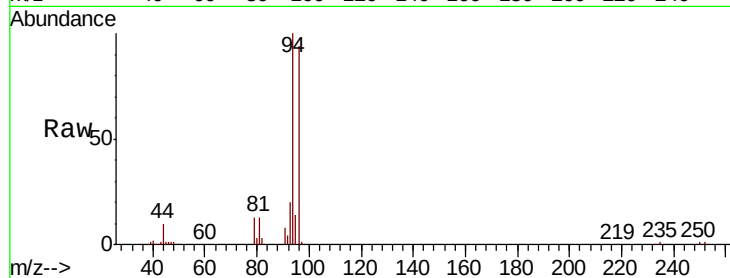
VN0914WBS02

Tot Ion: 94 Resp: 73073

Ion Ratio Lower Upper

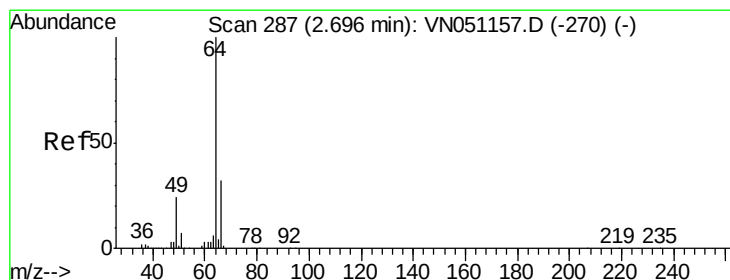
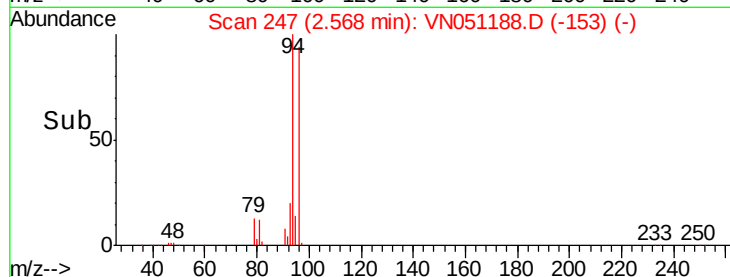
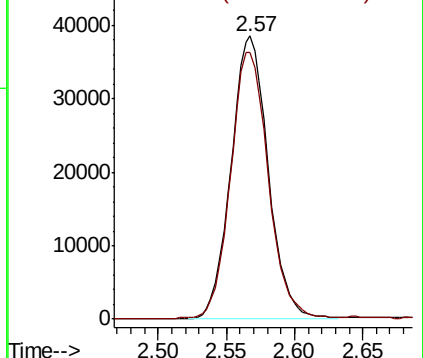
94 100

96 93.7 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.77 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051188.D

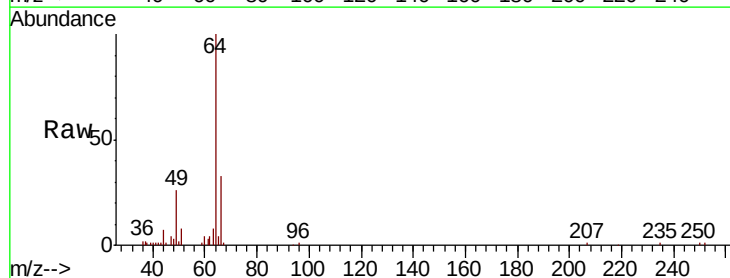
Acq: 14 Sep 2018 14:22

Tgt Ion: 64 Resp: 78799

Ion Ratio Lower Upper

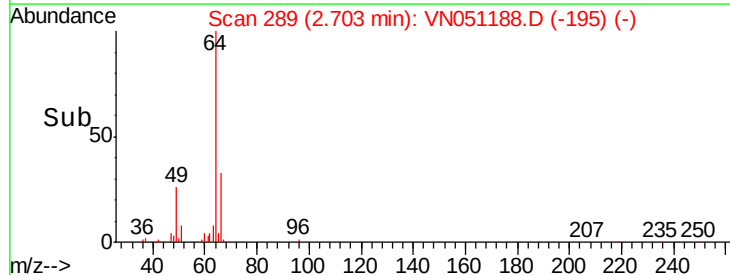
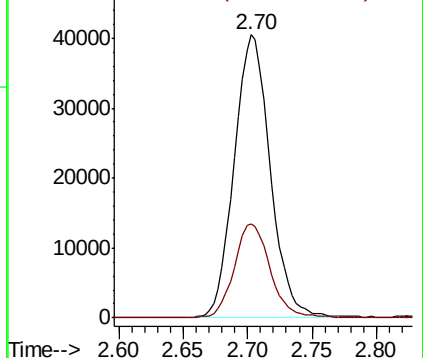
64 100

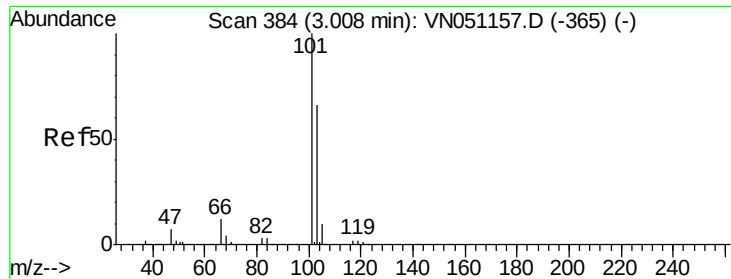
66 33.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 18.41 ug/l

RT: 3.01 min Scan# 386

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

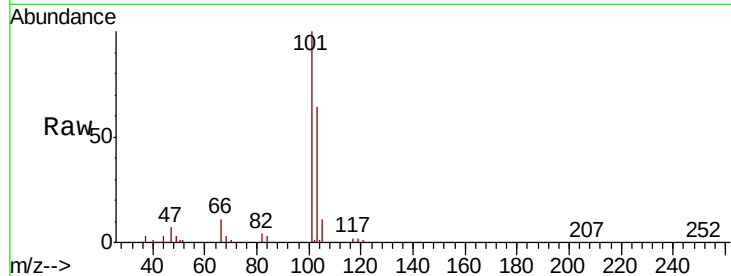
VN0914WBS02

Tot Ion:101 Resp: 185751

Ion Ratio Lower Upper

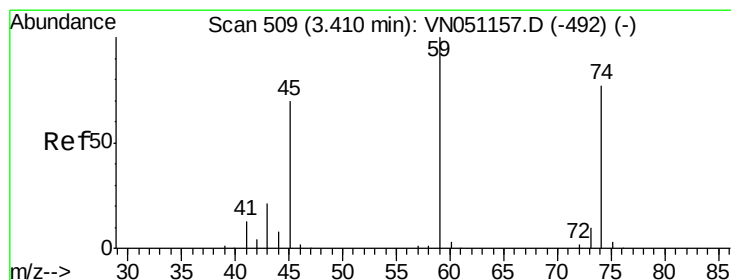
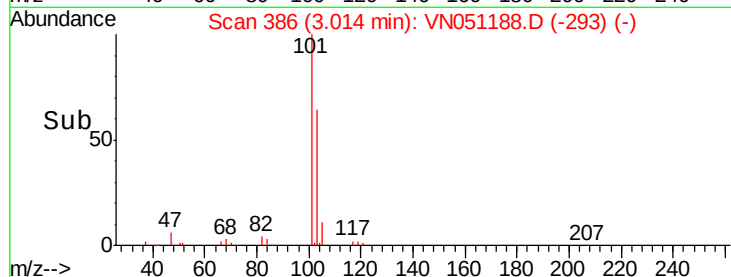
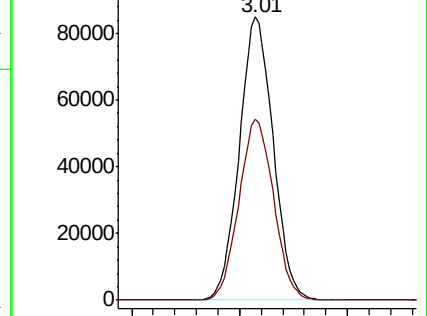
101 100

103 63.8 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 16.84 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN051188.D

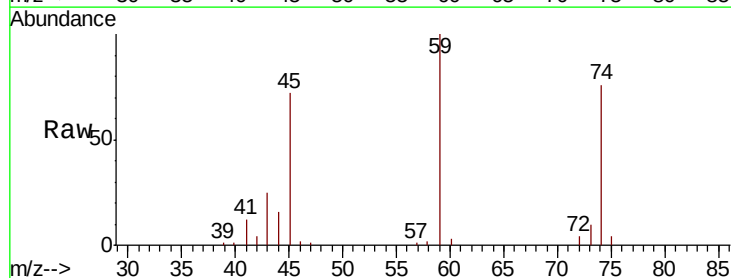
Acq: 14 Sep 2018 14:22

Tgt Ion: 74 Resp: 62476

Ion Ratio Lower Upper

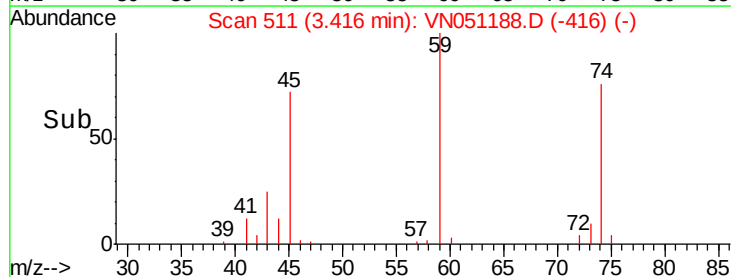
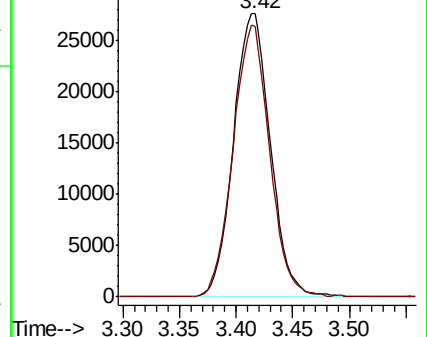
74 100

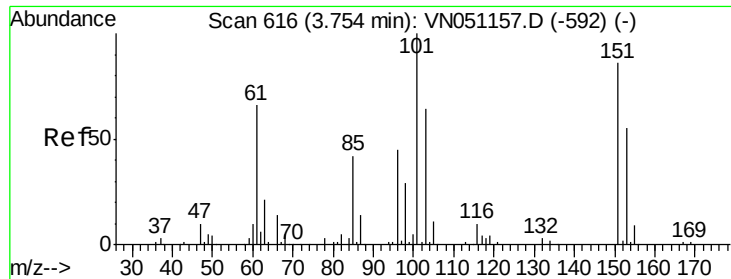
45 94.9 46.7 140.0



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

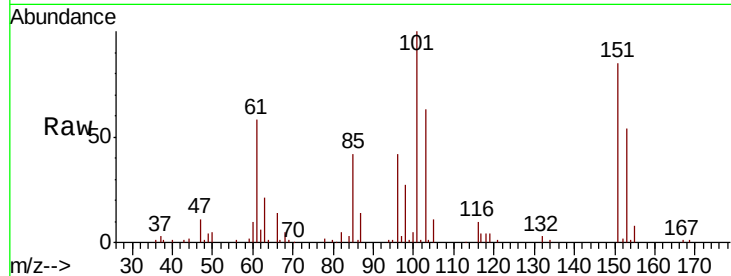




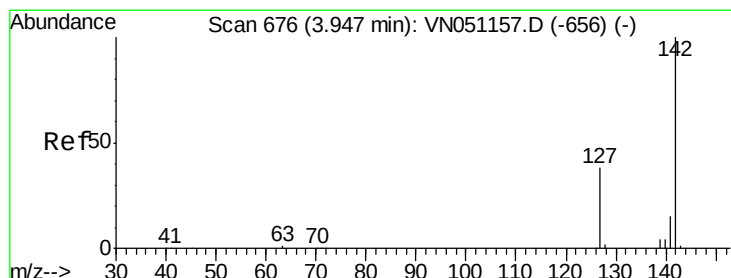
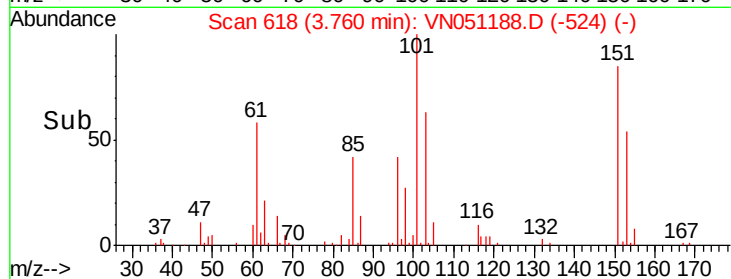
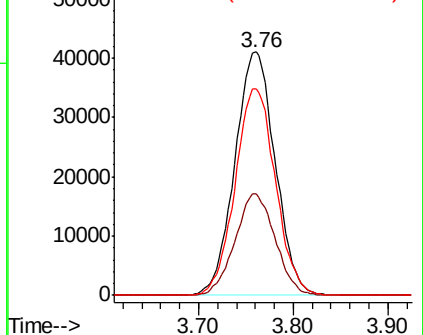
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.68 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS02

Tot Ion:101 Resp: 121471
 Ion Ratio Lower Upper
 101 100
 85 41.4 33.3 49.9
 151 84.9 68.2 102.2

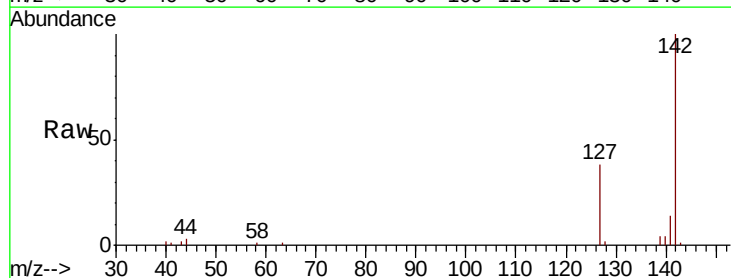


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

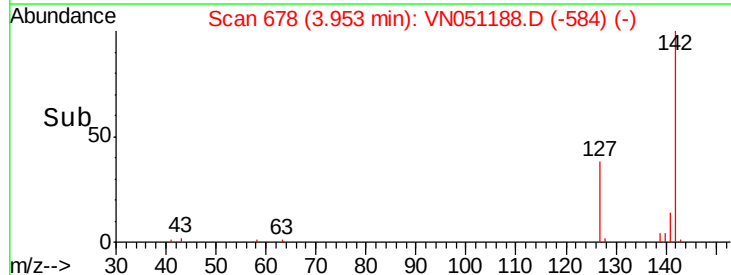
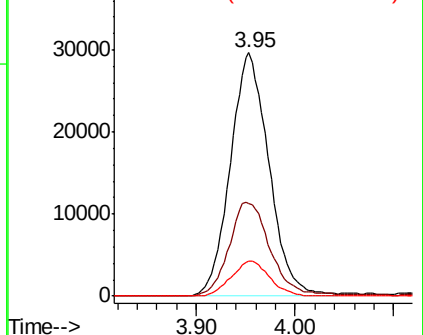


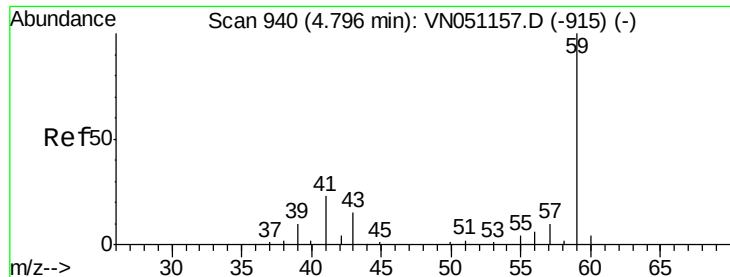
#10
 Methyl Iodide
 Concen: 17.42 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion:142 Resp: 80784
 Ion Ratio Lower Upper
 142 100
 127 41.0 31.0 46.4
 141 14.1 11.3 16.9



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

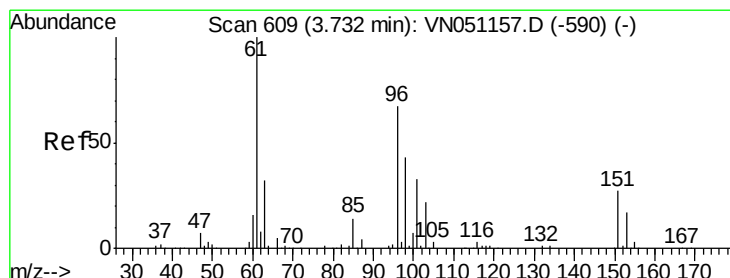
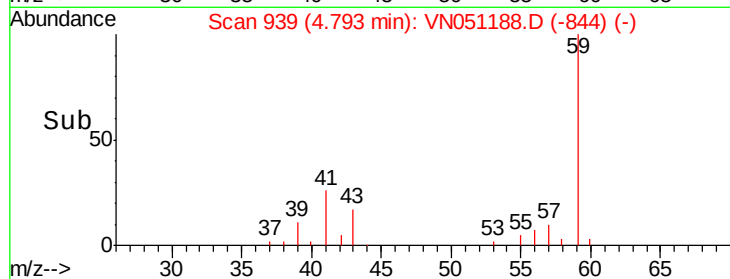
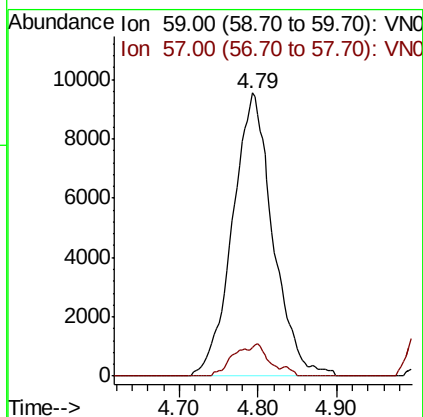
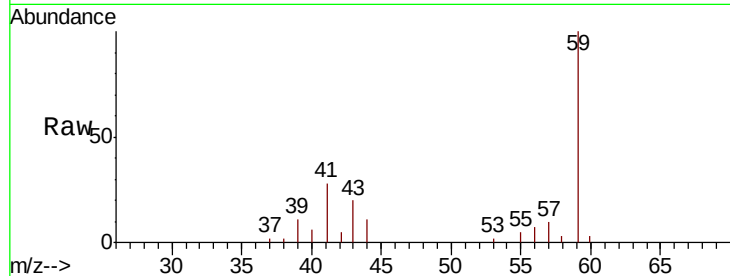




#11
Tert butyl alcohol
Concen: 70.18 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.01 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

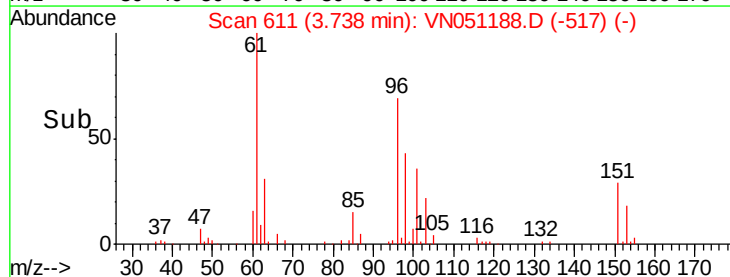
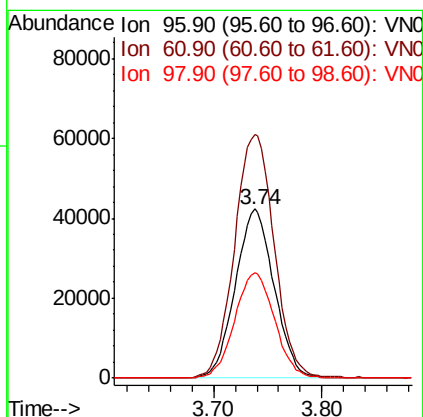
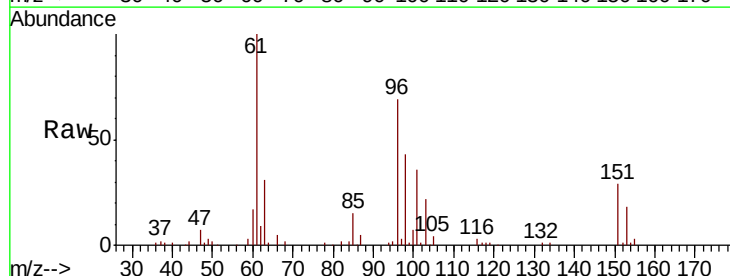
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS02

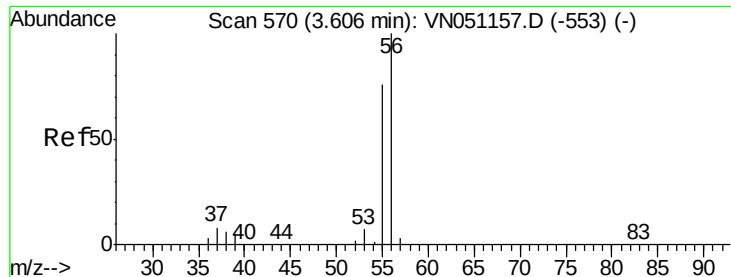
Tot Ion: 59 Resp: 34308
Ion Ratio Lower Upper
59 100
57 4.4 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 17.27 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 96 Resp: 105918
Ion Ratio Lower Upper
96 100
61 144.1 120.3 180.5
98 62.5 50.8 76.2





#13

Acrolein

Concen: 82.20 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

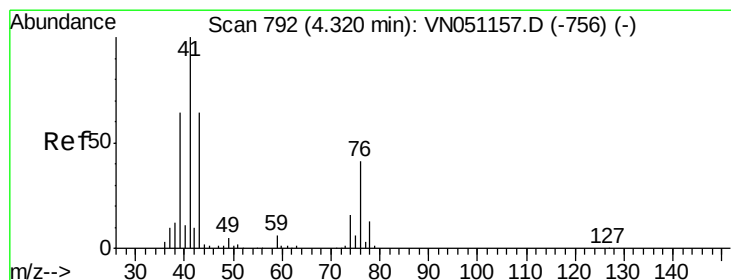
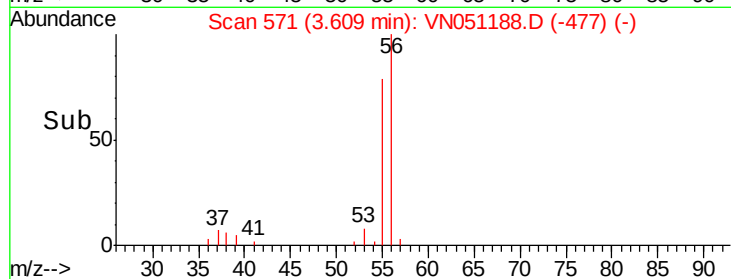
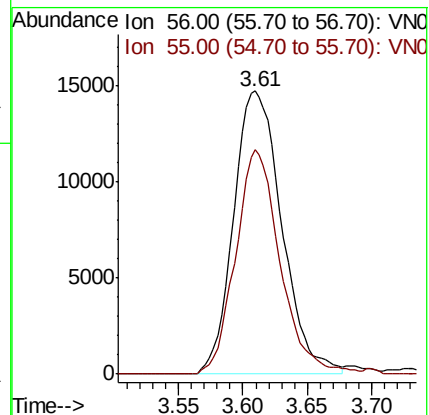
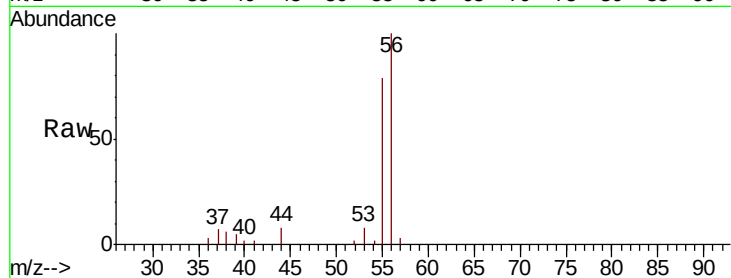
VN0914WBS02

Tot Ion: 56 Resp: 38272

Ion Ratio Lower Upper

56 100

55 72.9 58.0 87.0



#14

Allyl chloride

Concen: 16.63 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

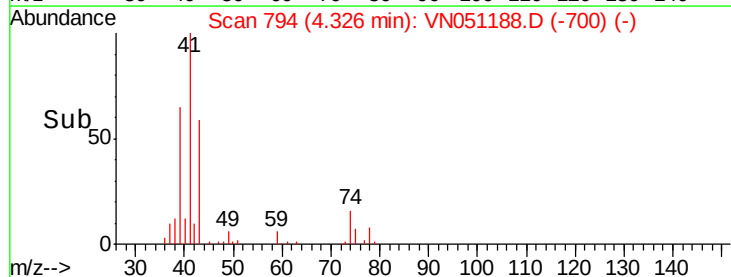
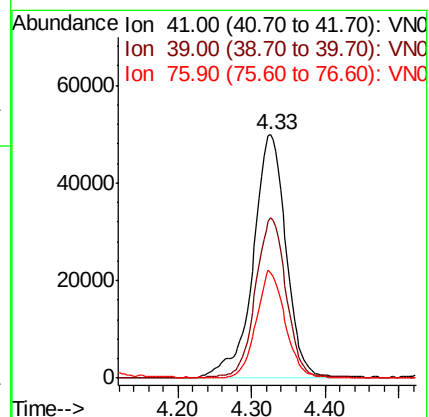
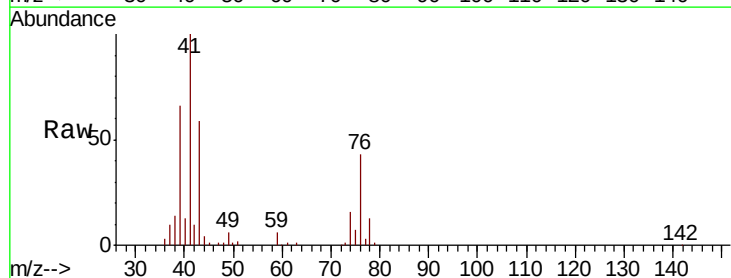
Tgt Ion: 41 Resp: 155455

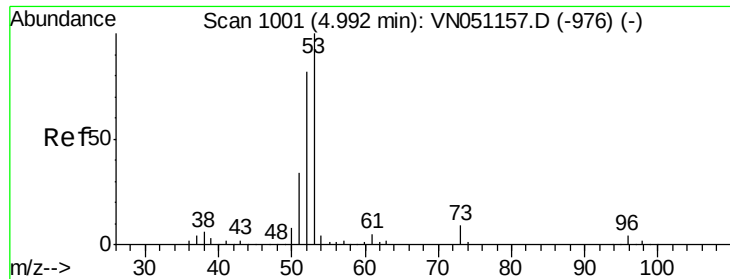
Ion Ratio Lower Upper

41 100

39 61.6 48.8 73.2

76 38.6 30.6 45.8





#15

Acrylonitrile

Concen: 83.25 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS02

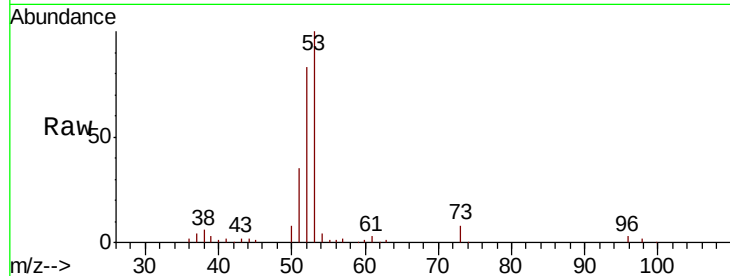
Tot Ion: 53 Resp: 180323

Ion Ratio Lower Upper

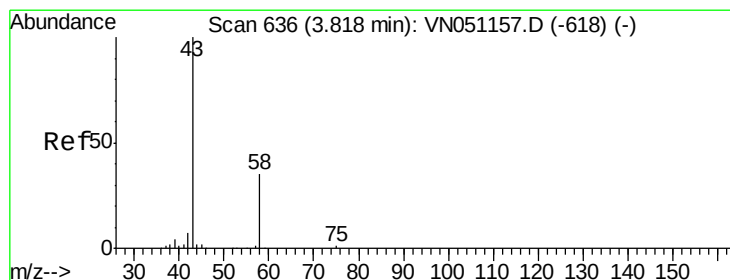
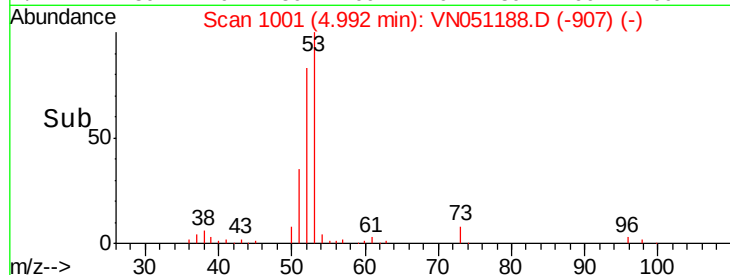
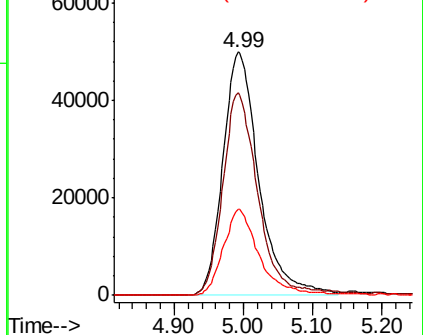
53 100

52 80.7 65.3 97.9

51 34.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 80.88 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051188.D

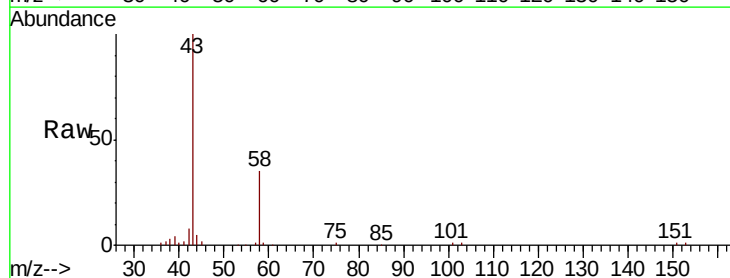
Acq: 14 Sep 2018 14:22

Tgt Ion: 43 Resp: 134237

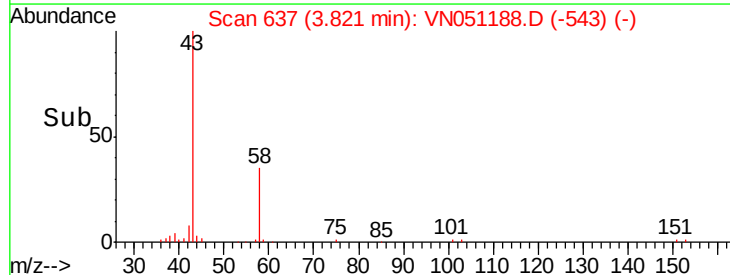
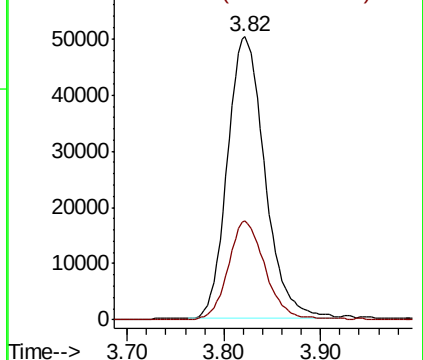
Ion Ratio Lower Upper

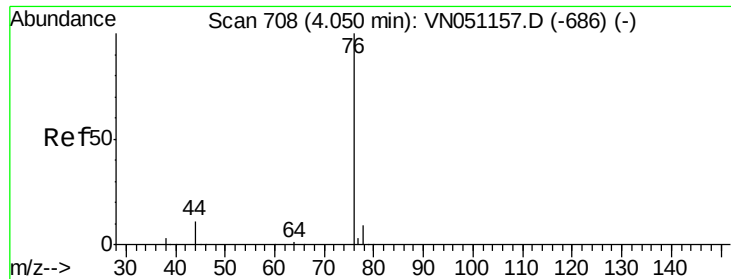
43 100

58 35.1 27.8 41.6



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

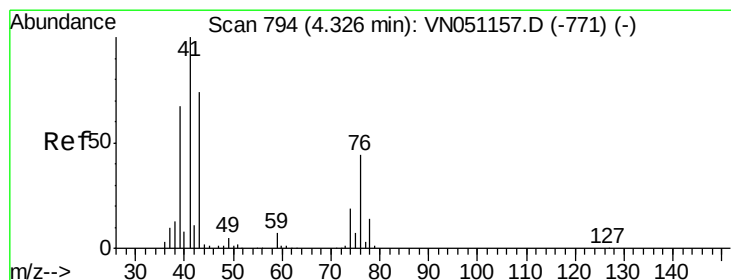
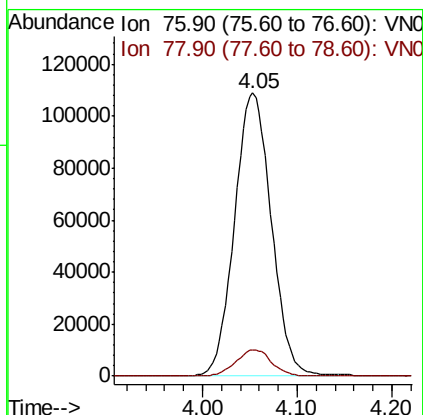
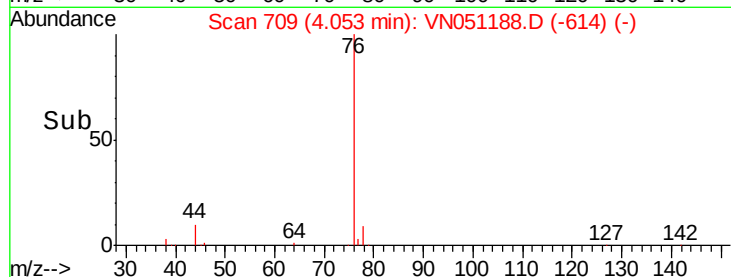
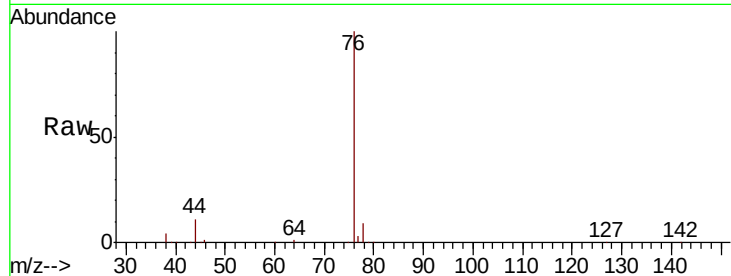




#17
Carbon Disulfide
Concen: 16.37 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

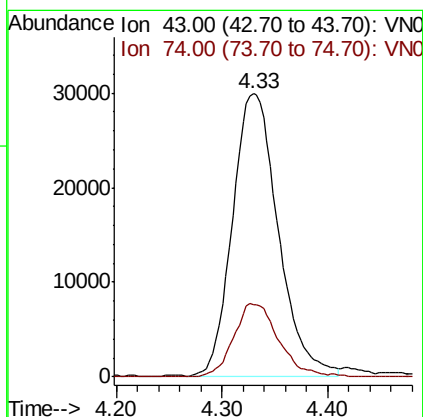
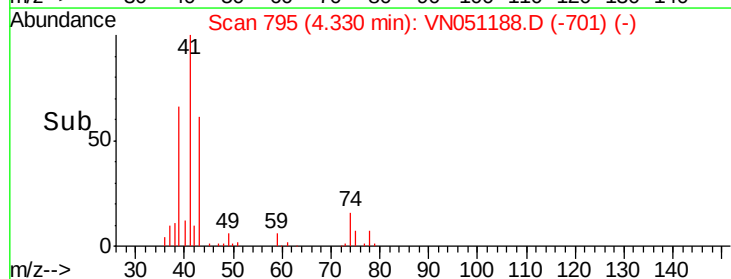
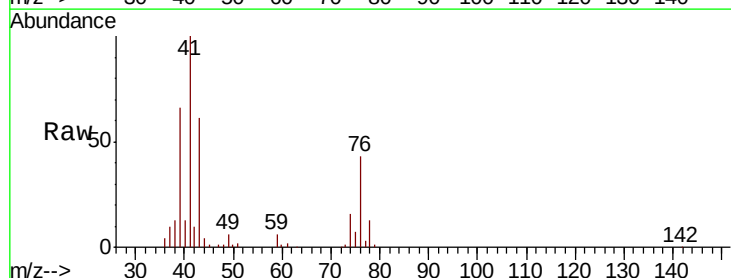
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS02

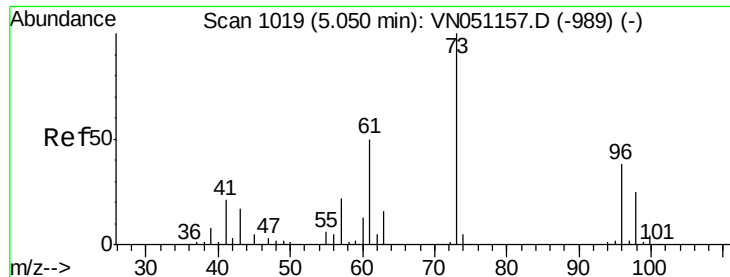
Tot Ion: 76 Resp: 294661
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 17.68 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 43 Resp: 90585
Ion Ratio Lower Upper
43 100
74 25.3 20.7 31.1

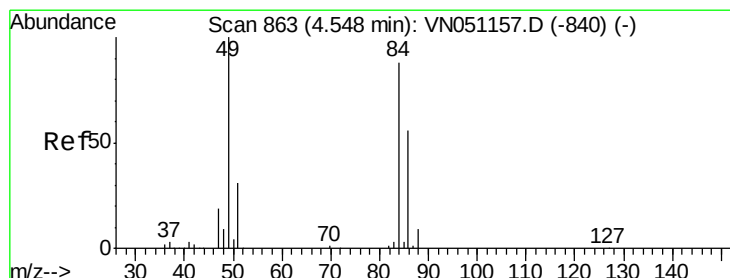
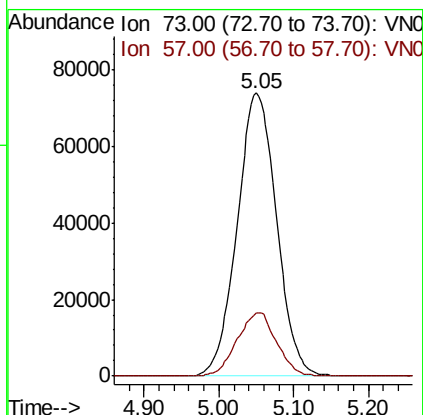
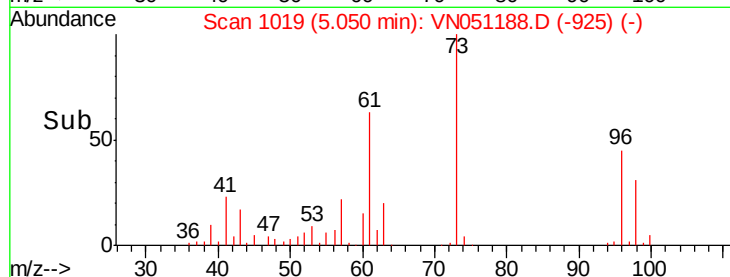
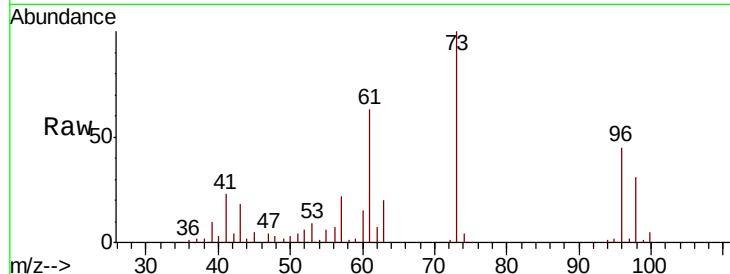




#19
Methvl tert-butvl Ether
Concen: 16.67 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

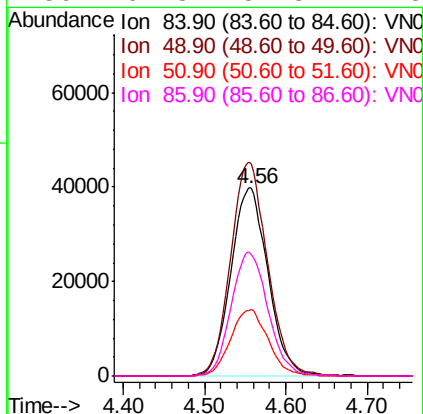
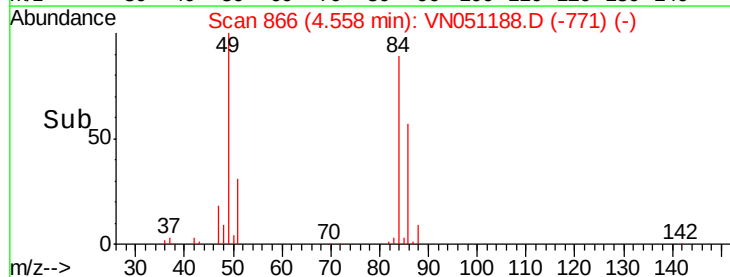
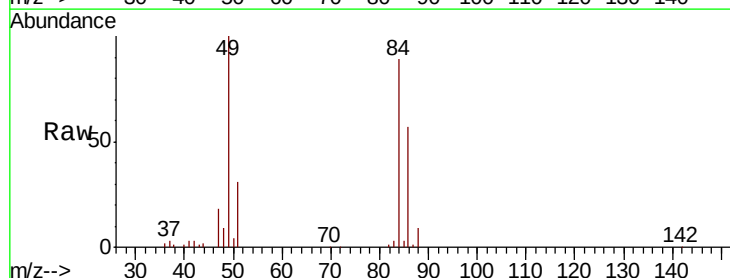
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS02

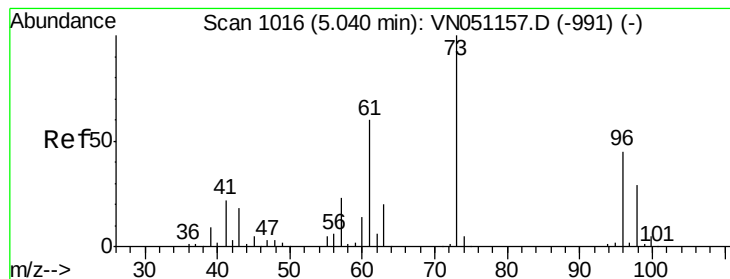
Tot Ion: 73 Resp: 270368
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 17.84 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 84 Resp: 126095
Ion Ratio Lower Upper
84 100
49 112.9 90.2 135.2
51 35.2 28.4 42.6
86 64.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 16.98 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS02

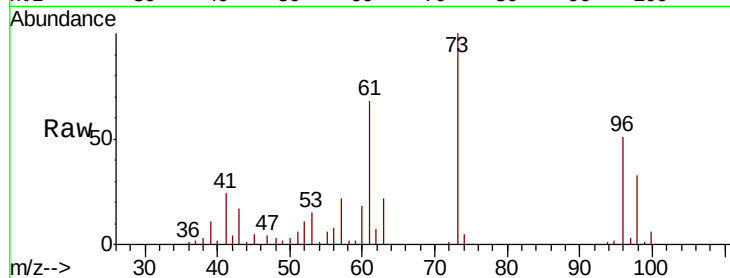
Tot Ion: 96 Resp: 112960

Ion Ratio Lower Upper

96 100

61 133.0 106.5 159.7

98 64.5 50.4 75.6

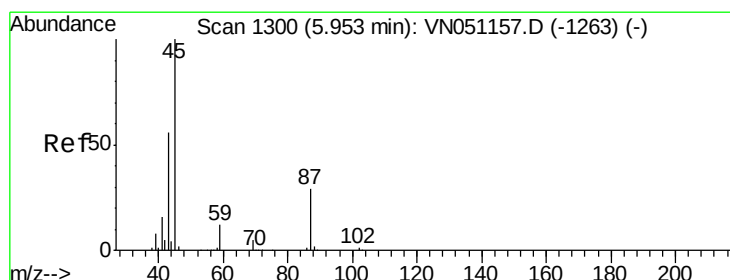
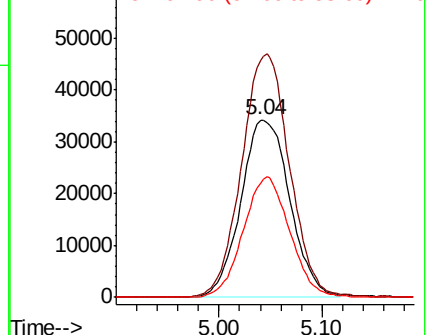
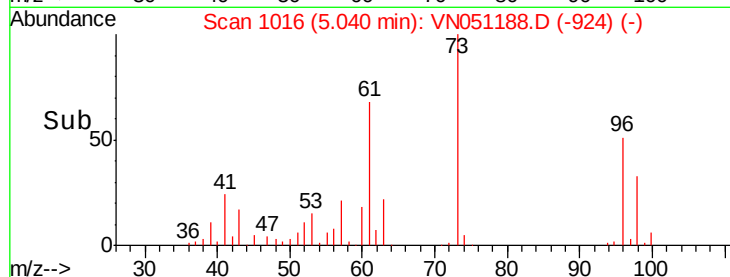


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.06 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Tgt Ion: 45 Resp: 353621

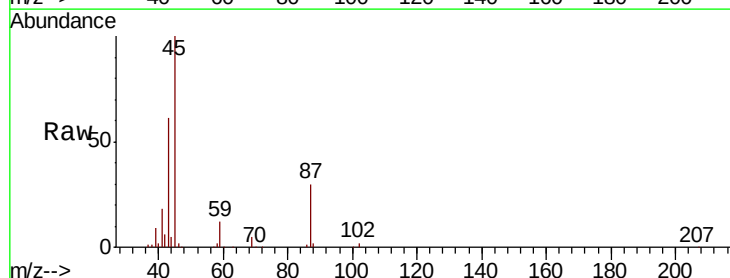
Ion Ratio Lower Upper

45 100

43 59.7 48.8 73.2

87 29.6 23.8 35.8

59 11.8 9.6 14.4



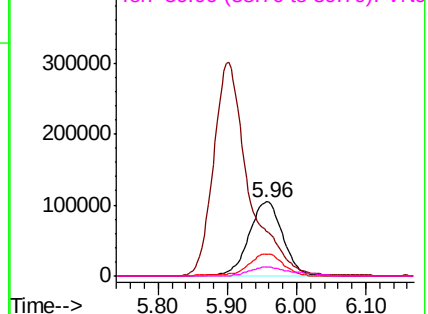
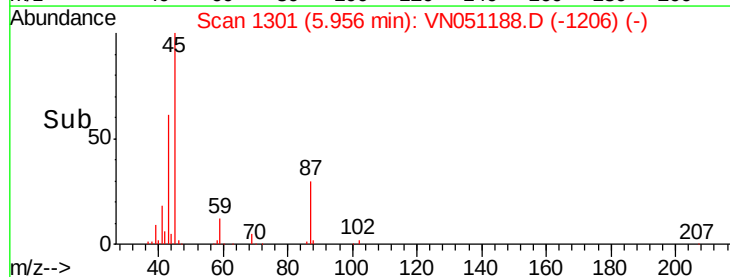
Abundance

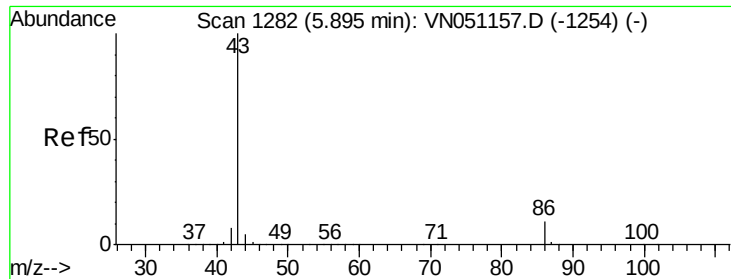
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

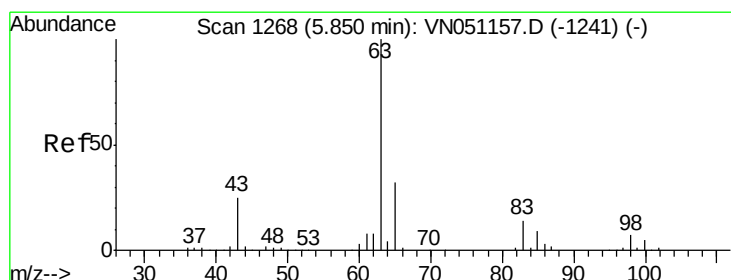
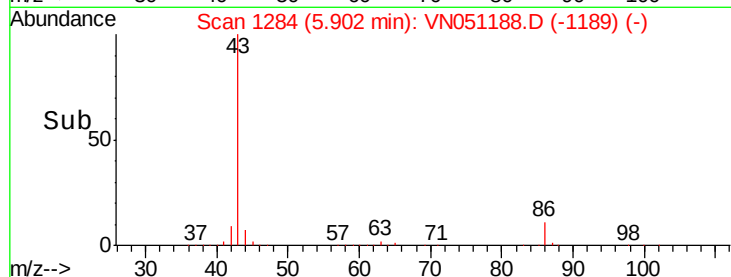
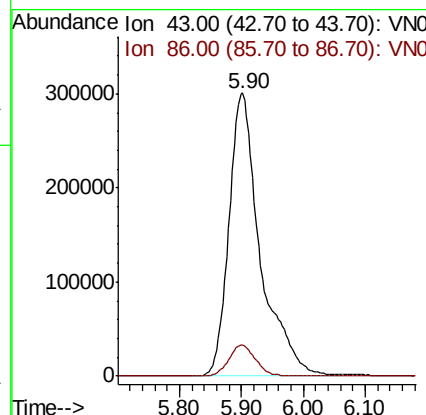
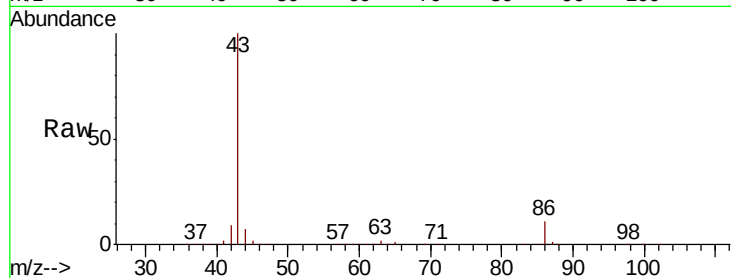




#23
 Vinyl Acetate
 Concen: 84.30 ug/l
 RT: 5.90 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

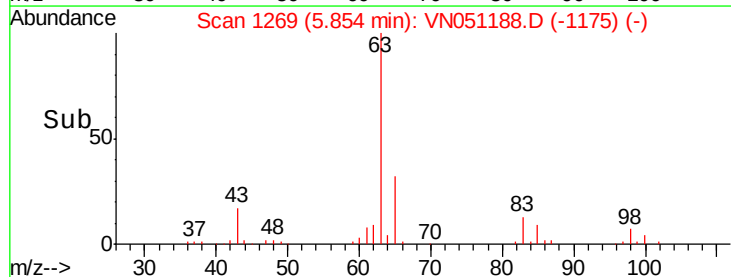
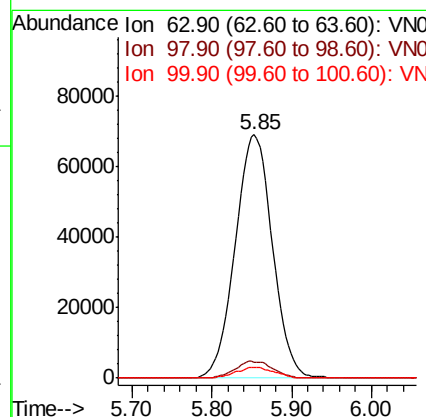
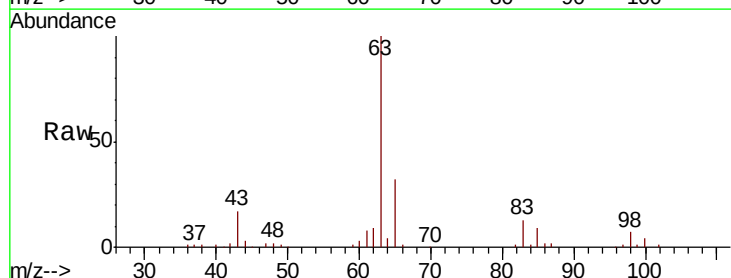
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

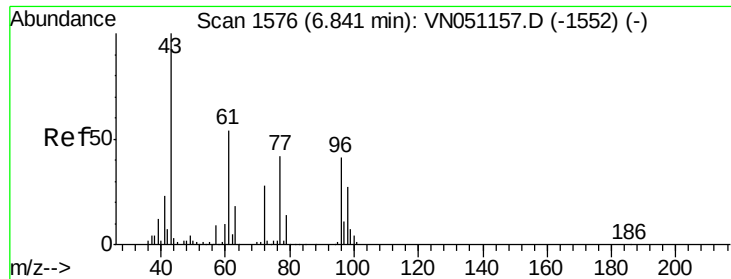
Tot Ion: 43 Resp: 1058308
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 18.45 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion: 63 Resp: 217167
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.4 2.1 6.3

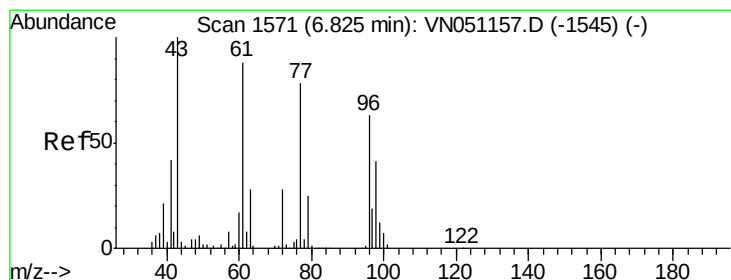
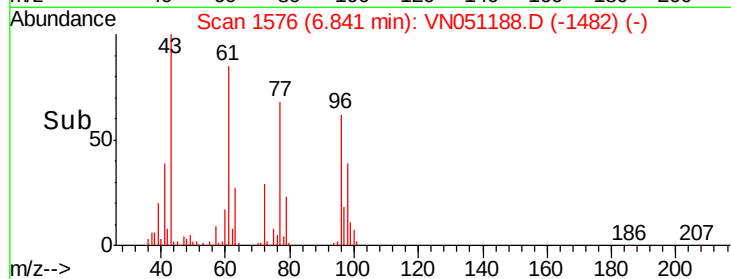
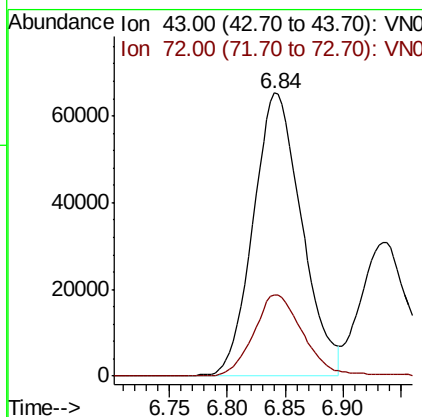
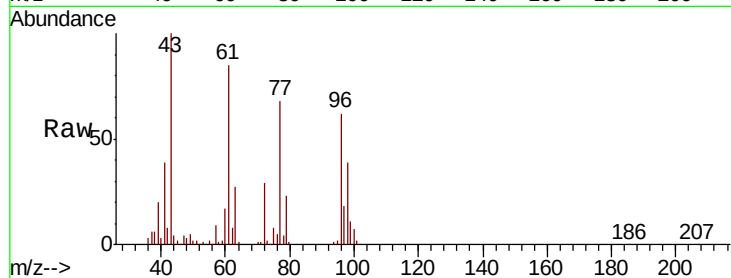




#25
2-Butanone
Concen: 75.69 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

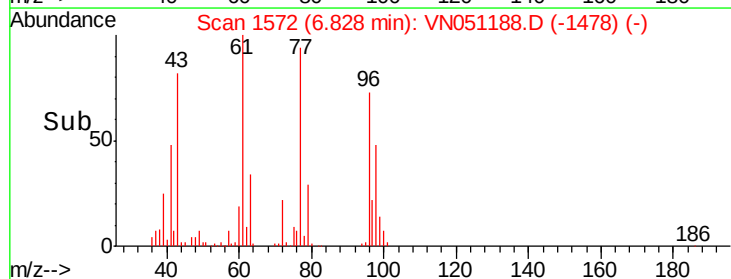
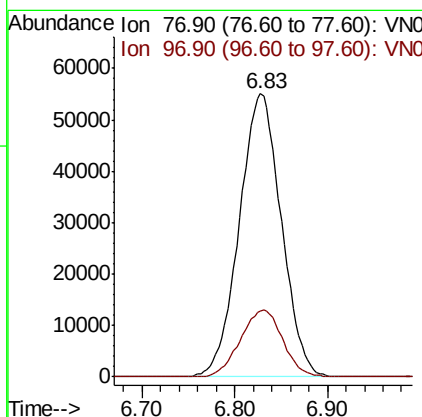
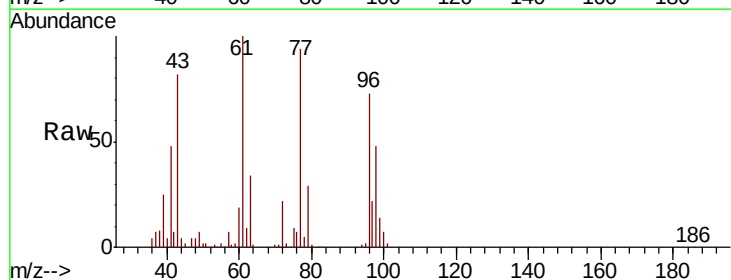
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS02

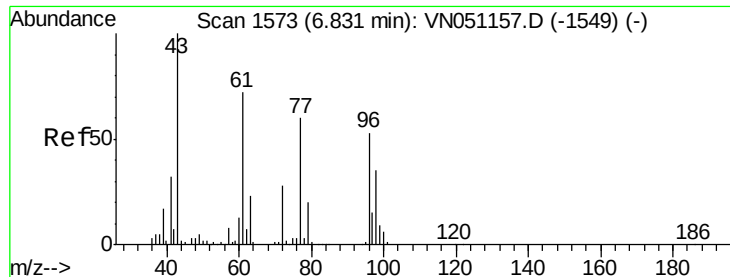
Tot Ion: 43 Resp: 190443
Ion Ratio Lower Upper
43 100
72 28.6 23.0 34.6



#26
2,2-Dichloropropane
Concen: 17.97 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 77 Resp: 173129
Ion Ratio Lower Upper
77 100
97 23.8 12.1 36.3

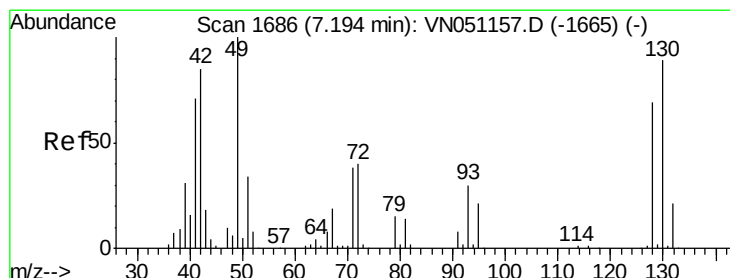
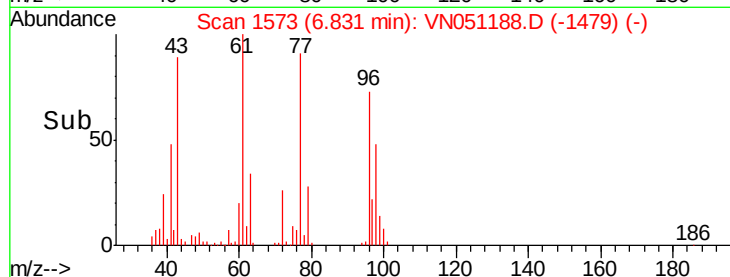
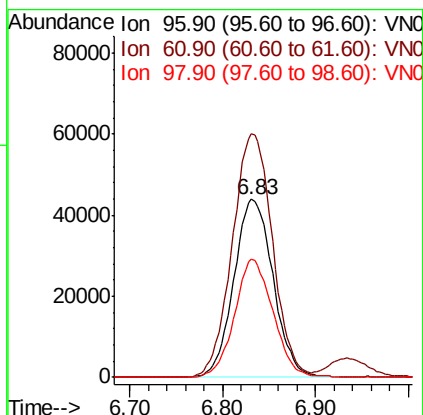
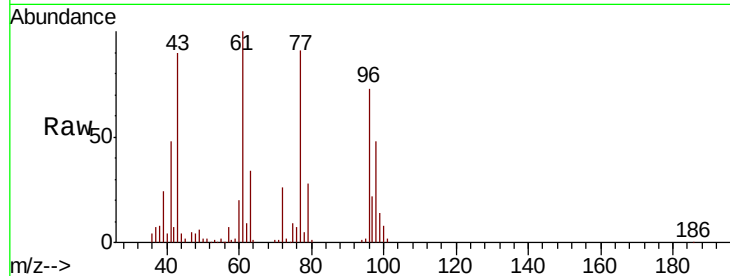




#27
 cis-1,2-Dichloroethene
 Concen: 17.67 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

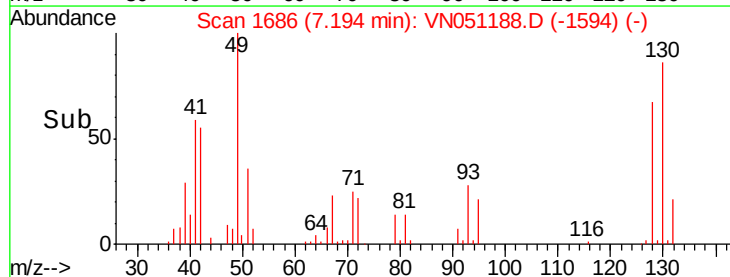
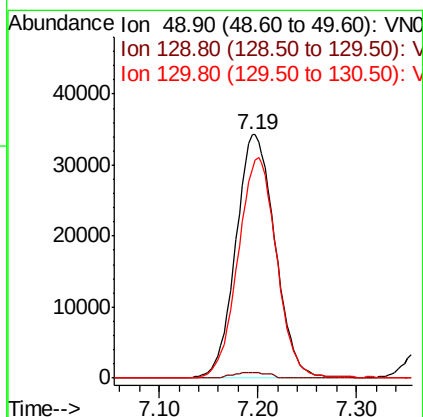
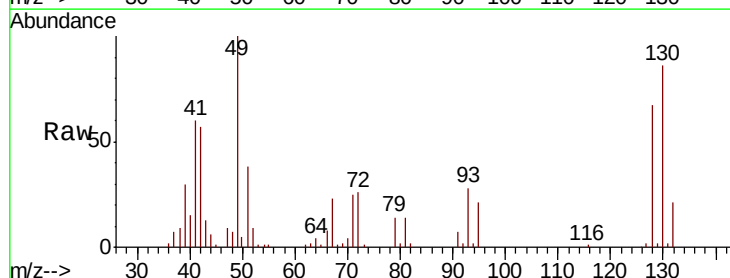
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

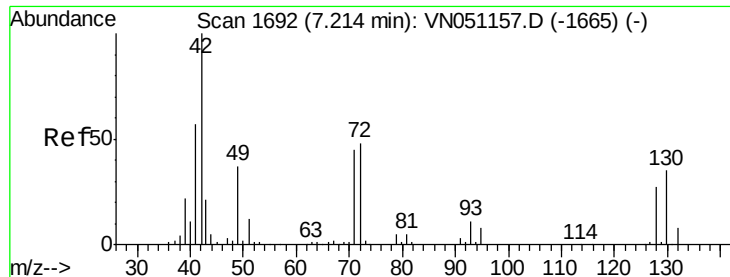
Tot Ion: 96 Resp: 128991
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 278.2
 98 64.9 0.0 129.4



#28
 Bromochloromethane
 Concen: 18.02 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion: 49 Resp: 94381
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 89.2 70.7 106.1

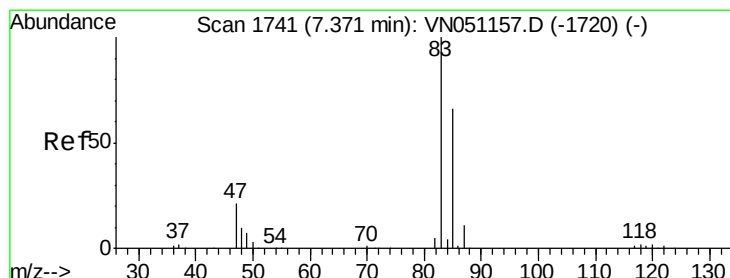
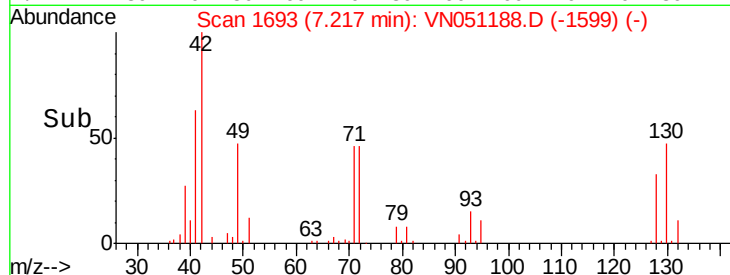
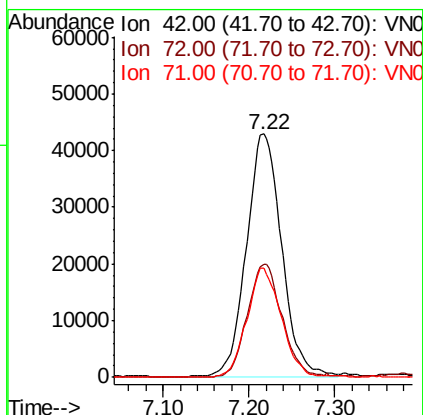
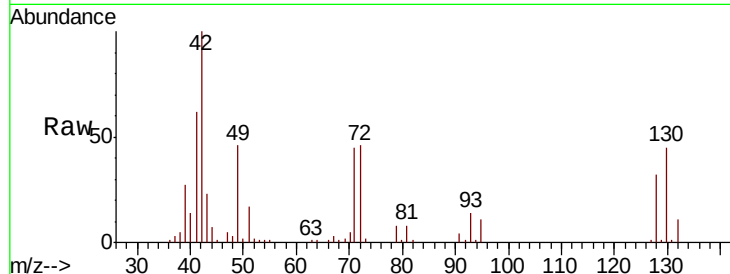




#29
Tetrahydrofuran
Concen: 77.42 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

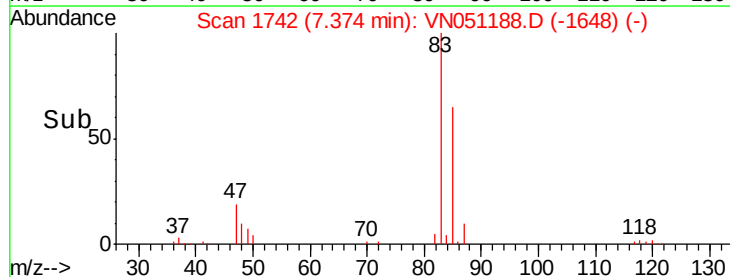
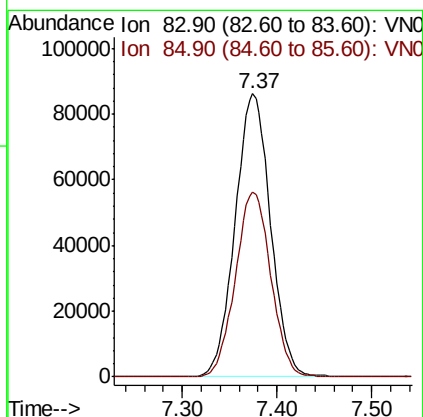
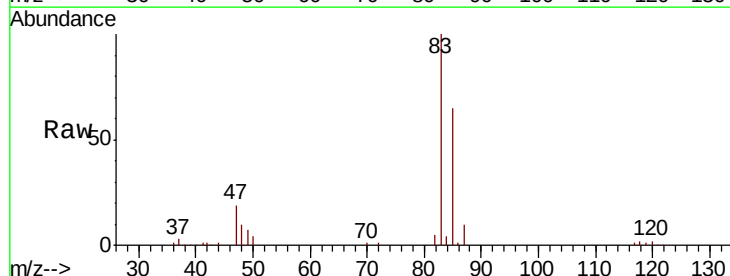
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS02

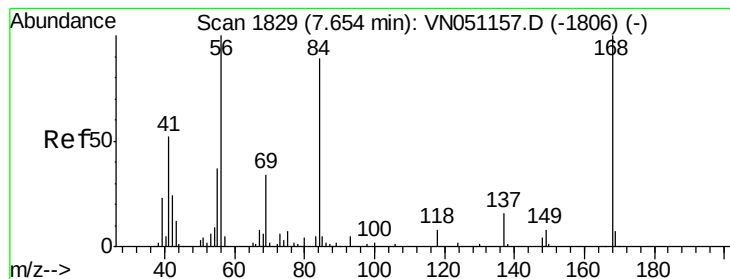
Tot Ion: 42 Resp: 121653
Ion Ratio Lower Upper
42 100
72 46.4 37.4 56.0
71 44.3 34.7 52.1



#30
Chloroform
Concen: 19.17 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 83 Resp: 224443
Ion Ratio Lower Upper
83 100
85 65.2 52.6 79.0





#31

Cyclohexane

Concen: 16.80 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS02

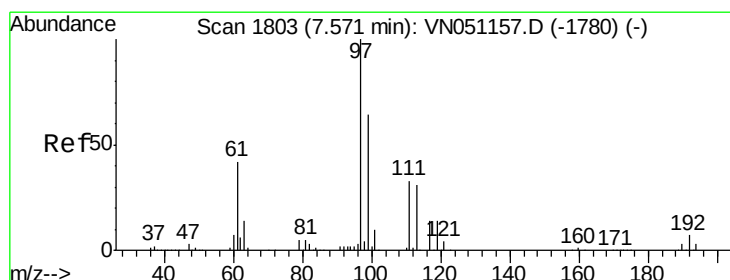
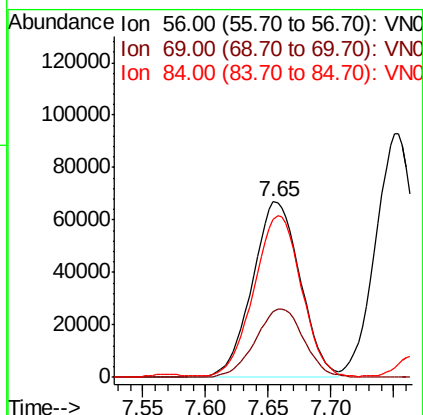
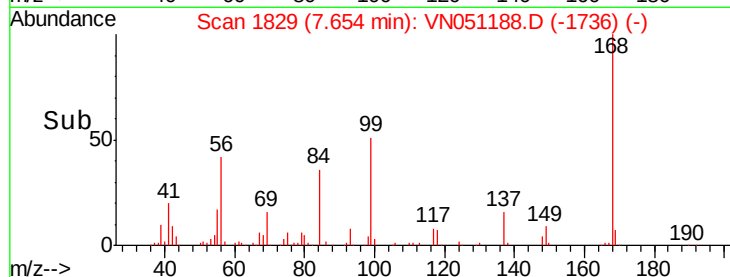
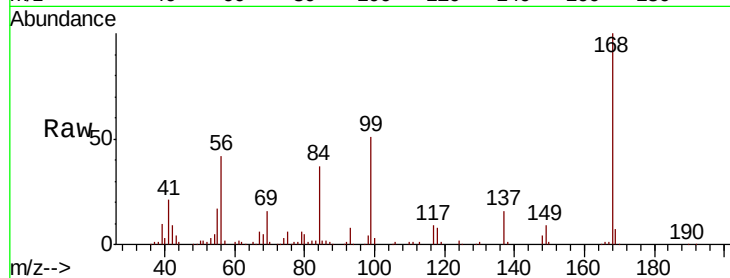
Tot Ion: 56 Resp: 177955

Ion Ratio Lower Upper

56 100

69 37.6 26.3 39.5

84 88.7 69.4 104.0



#32

1,1,1-Trichloroethane

Concen: 18.85 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

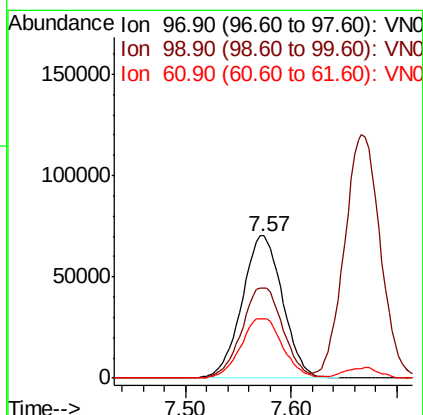
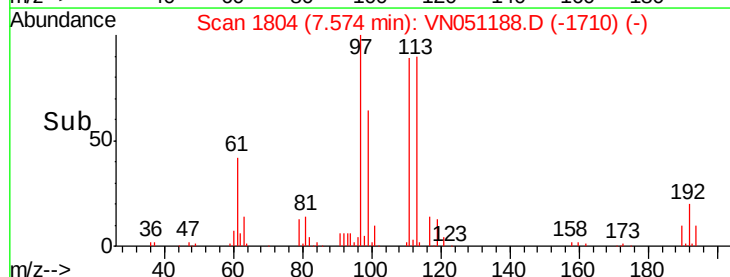
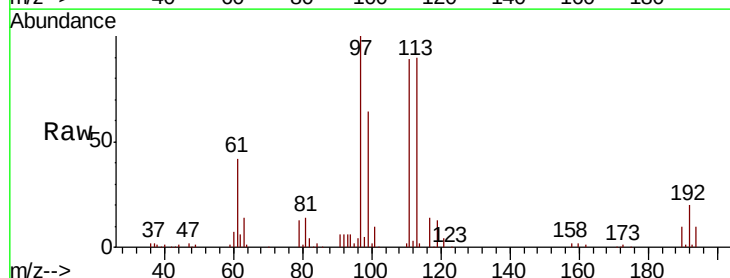
Tgt Ion: 97 Resp: 188069

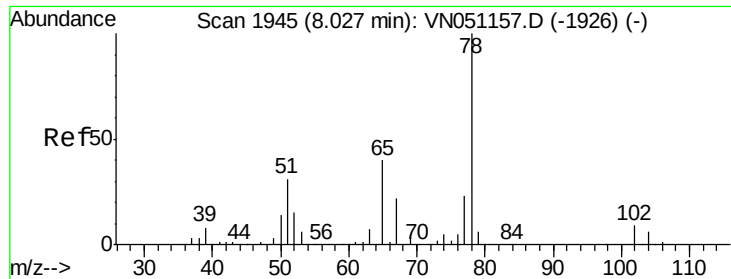
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 43.1 33.8 50.6

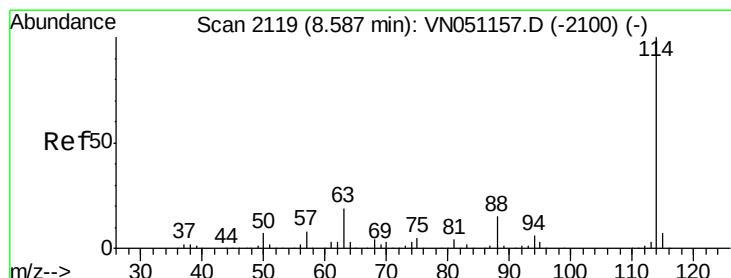
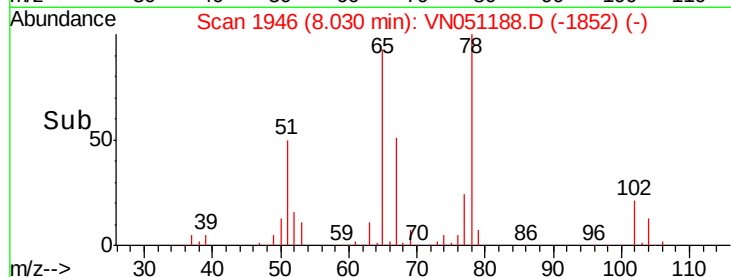
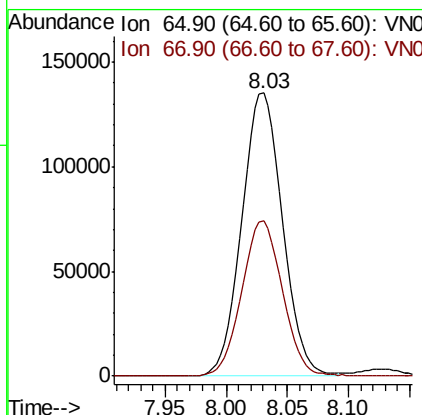
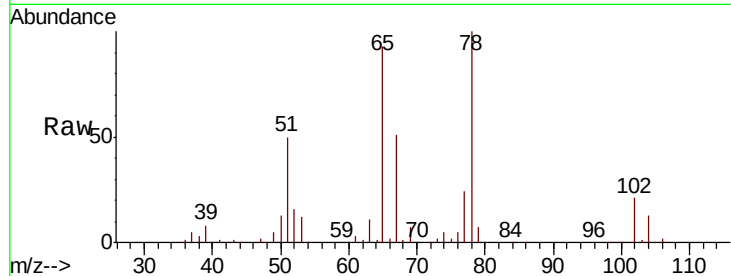




#33
 1,2-Dichloroethane-d4
 Concen: 48.74 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

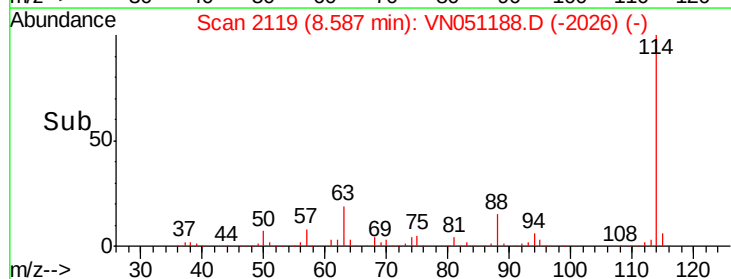
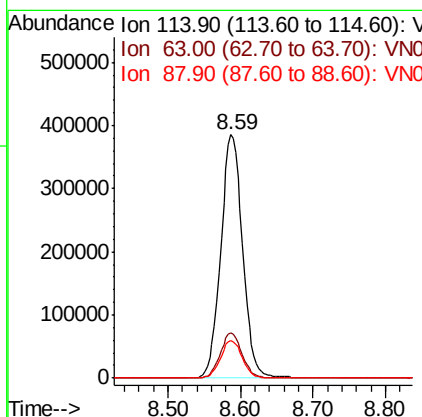
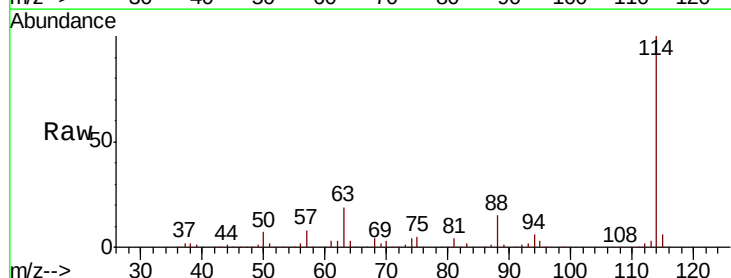
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

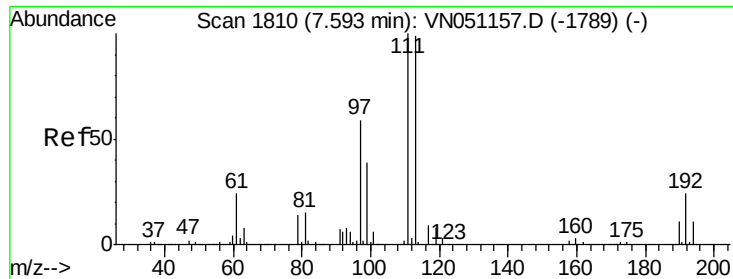
Tot Ion: 65 Resp: 311922
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion: 114 Resp: 803866
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 15.5 0.0 30.8

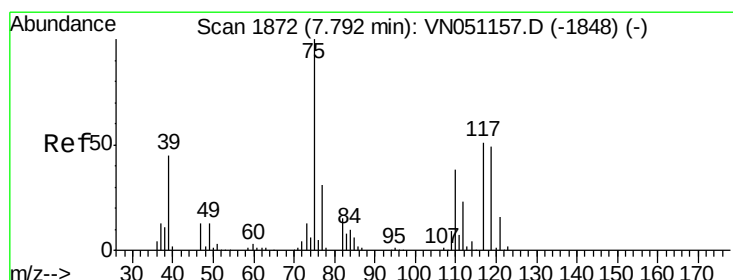
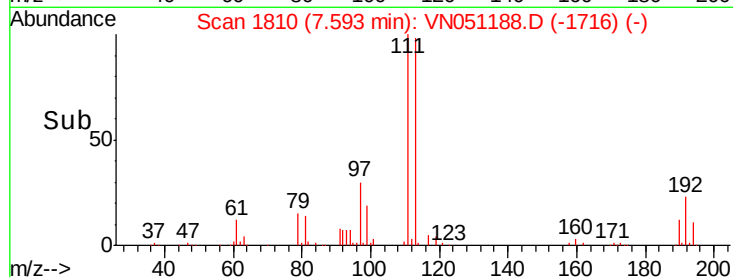
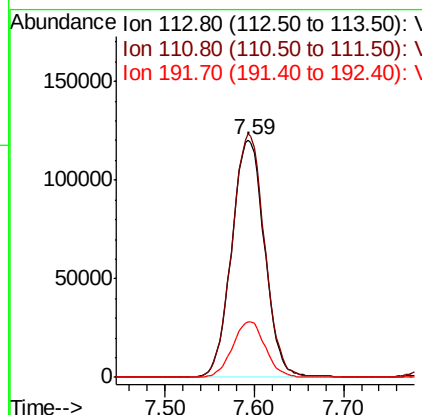
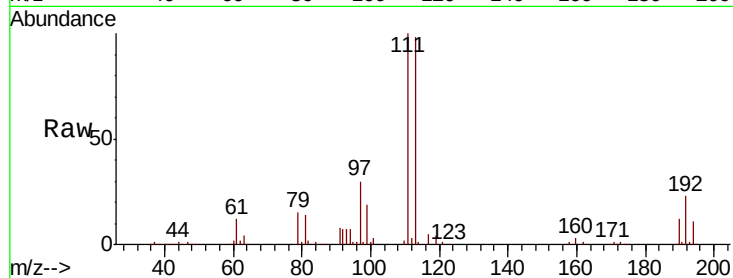




#35
 Dibromofluoromethane
 Concen: 51.12 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

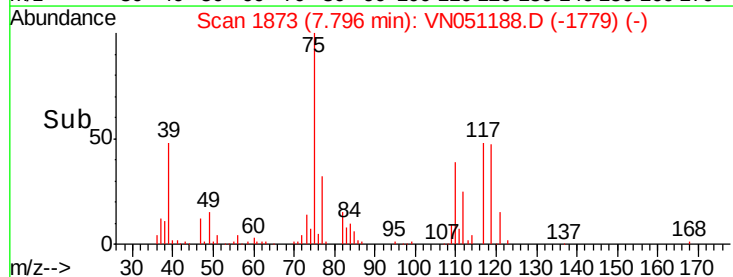
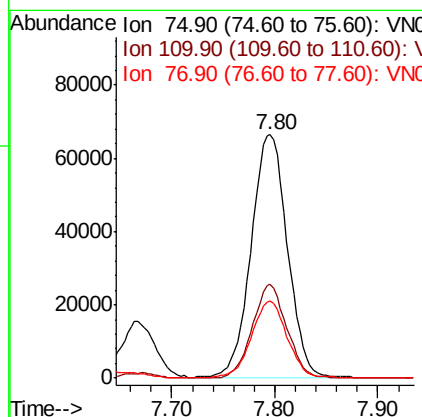
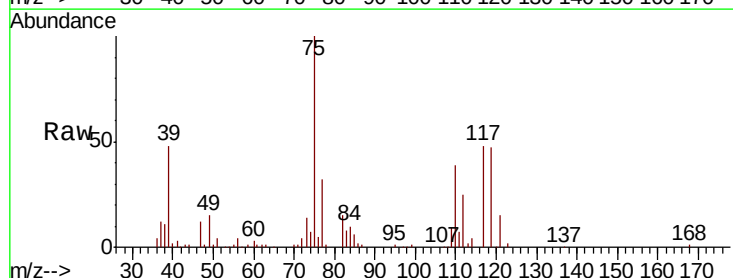
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

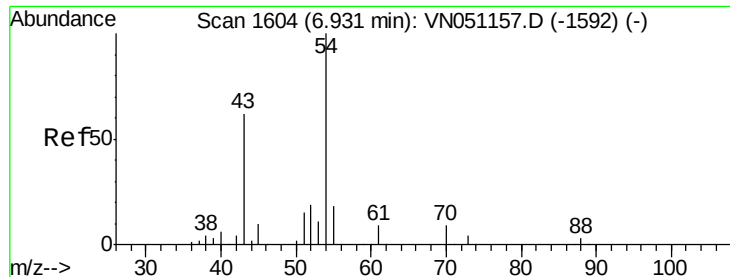
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.0	124.6
192	23.2	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 18.26 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.6	55.8
77	31.5	25.2	37.8

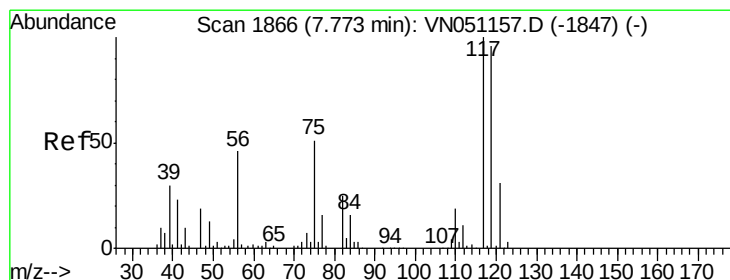
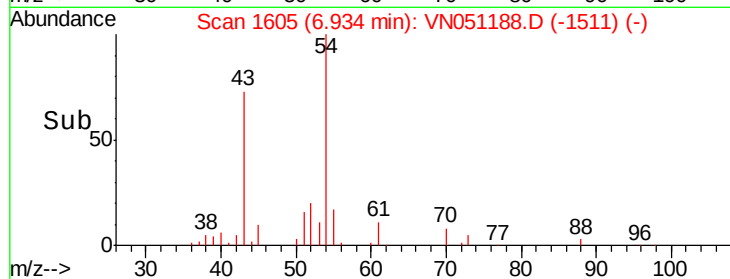
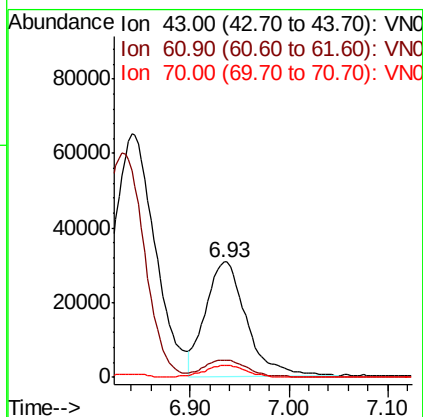
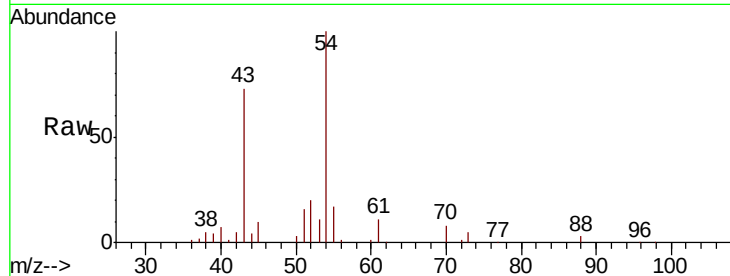




#37
Ethyl Acetate
Concen: 17.31 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

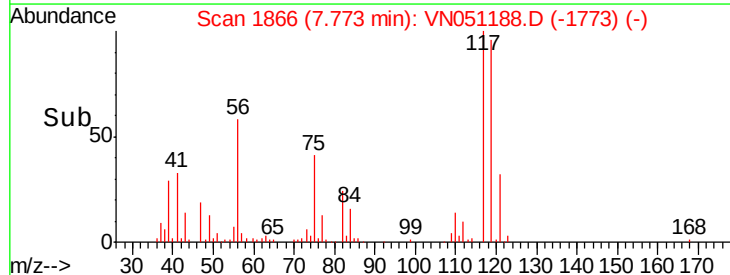
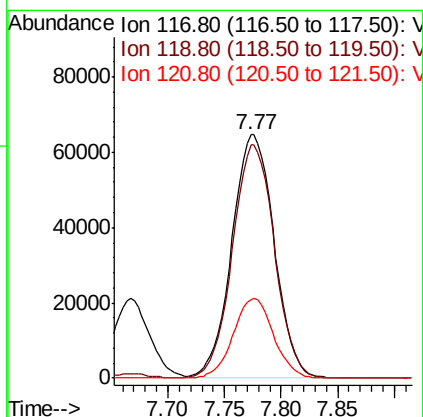
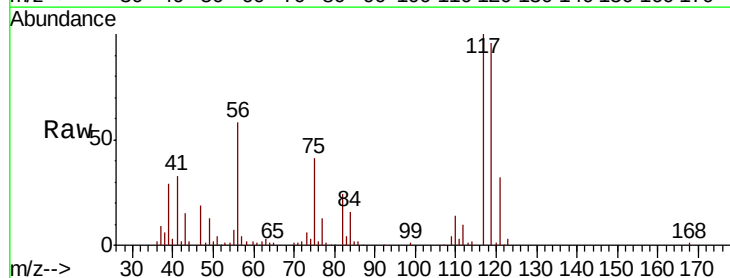
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS02

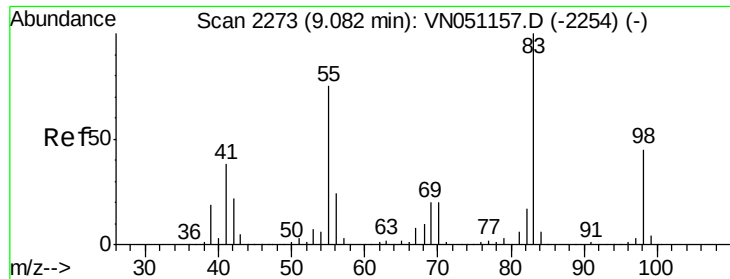
Tot Ion: 43 Resp: 88455
Ion Ratio Lower Upper
43 100
61 15.4 12.4 18.6
70 10.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.38 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 117 Resp: 168335
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2
121 32.4 24.6 36.8

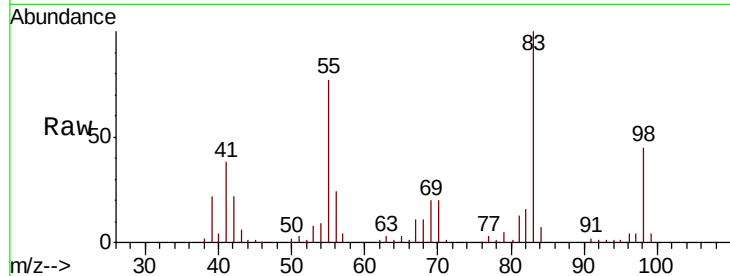




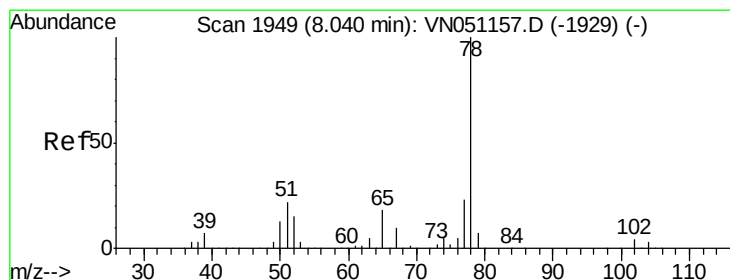
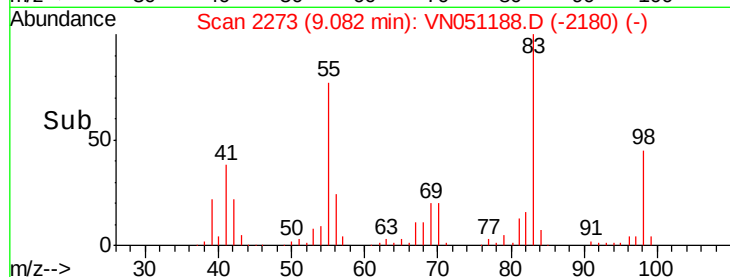
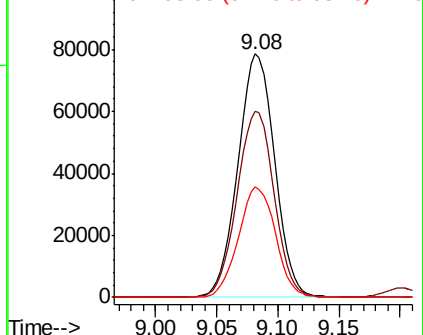
#39
Methylvlcyclohexane
Concen: 16.84 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS02

Tot Ion: 83 Resp: 163968
Ion Ratio Lower Upper
83 100
55 76.7 58.4 87.6
98 45.3 37.3 55.9

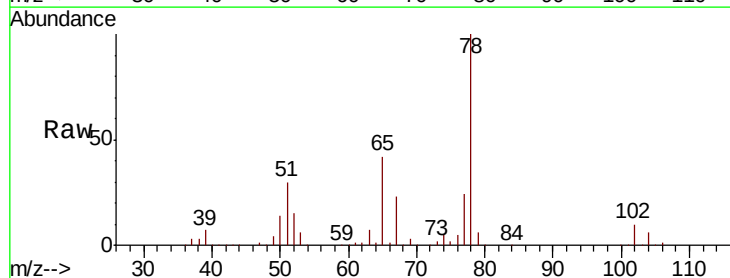


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

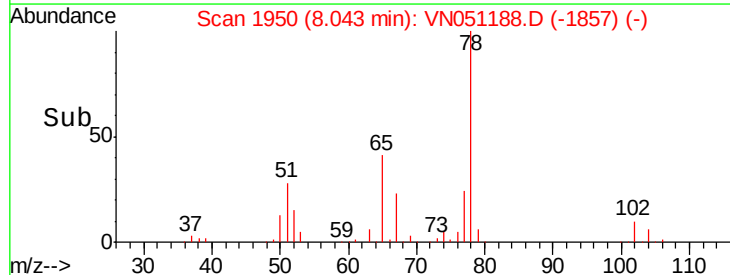
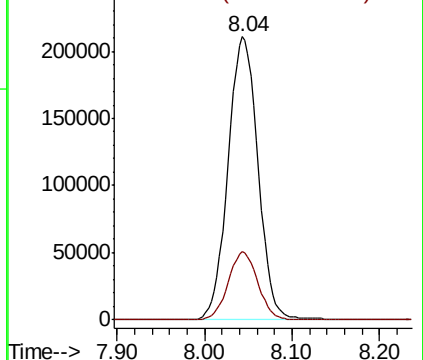


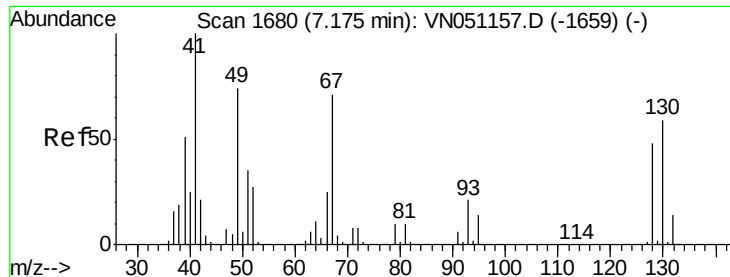
#40
Benzene
Concen: 18.83 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 78 Resp: 500901
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 46.52 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.04 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS02

Tot Ion: 41 Resp: 122688

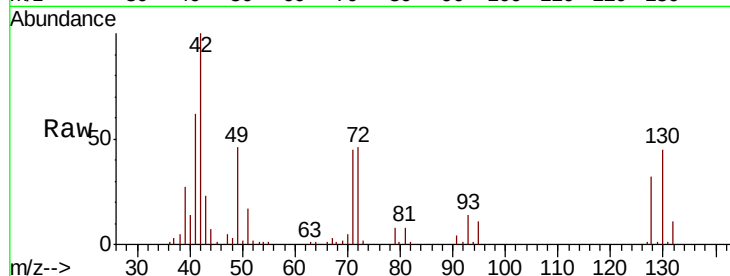
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 0.0 78.5 117.7#

52 0.0 29.0 43.6#



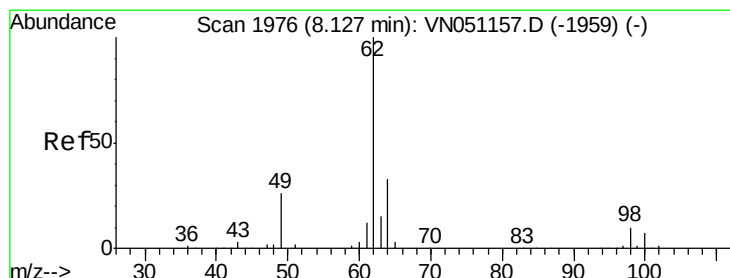
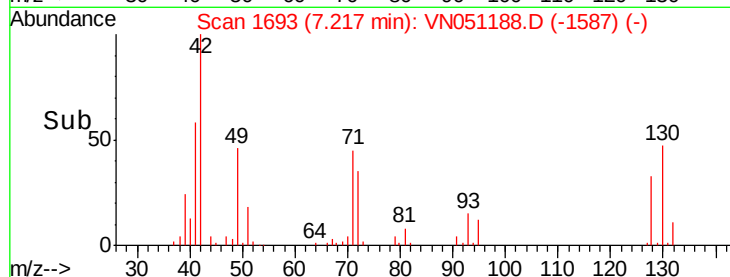
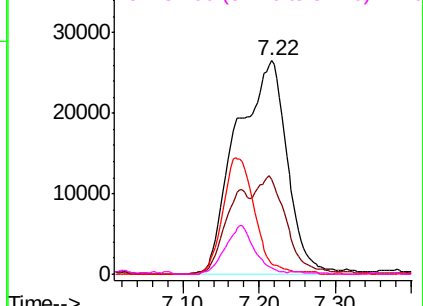
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.37 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN051188.D

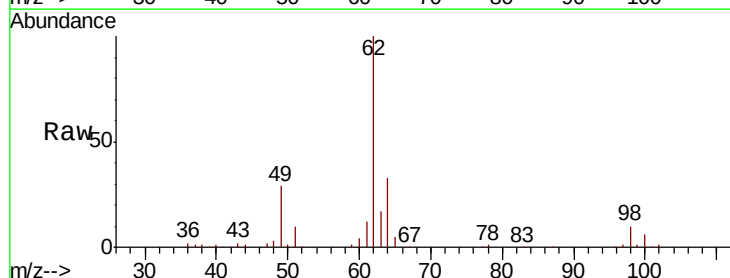
Acq: 14 Sep 2018 14:22

Tgt Ion: 62 Resp: 150174

Ion Ratio Lower Upper

62 100

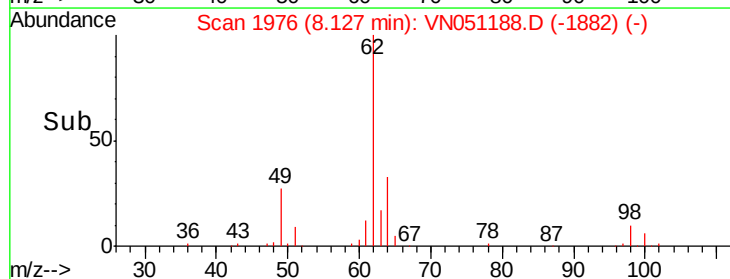
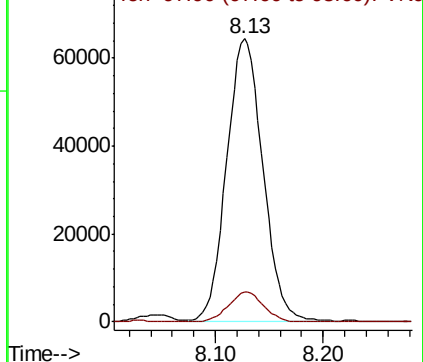
98 10.1 0.0 21.0

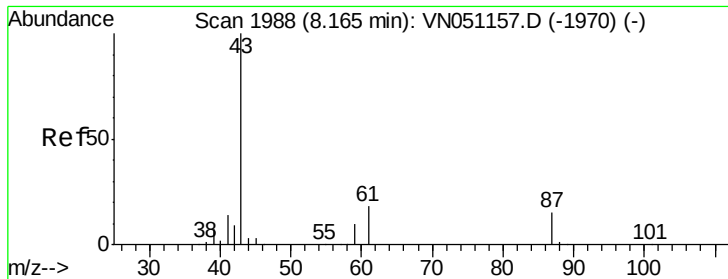


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.18 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS02

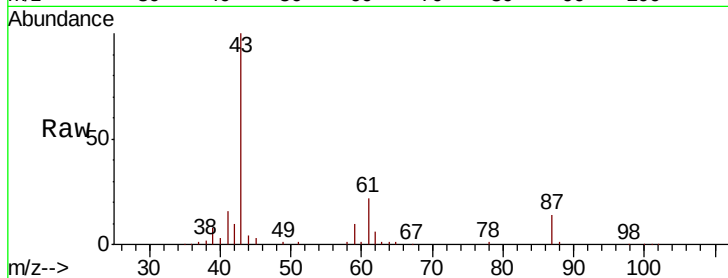
Tot Ion: 43 Resp: 154988

Ion Ratio Lower Upper

43 100

61 21.5 25.0 37.6#

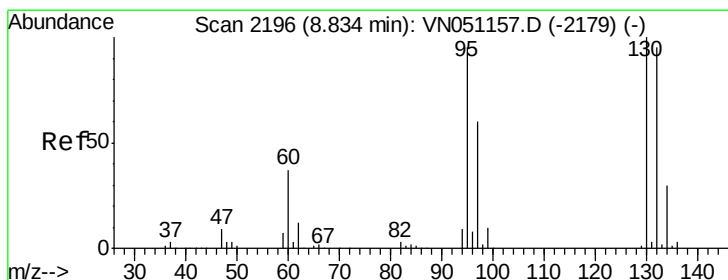
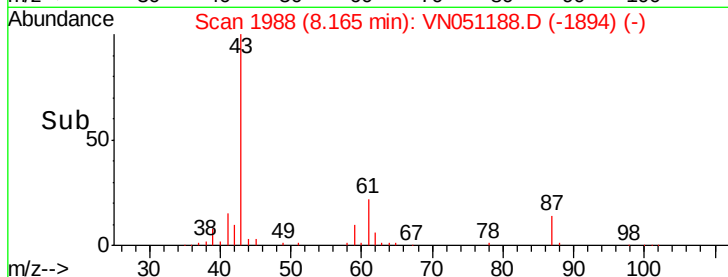
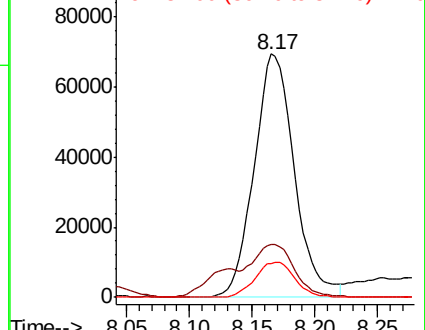
87 14.3 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051157.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051157.D (-1970) (-)



#44

Trichloroethene

Concen: 18.53 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051188.D

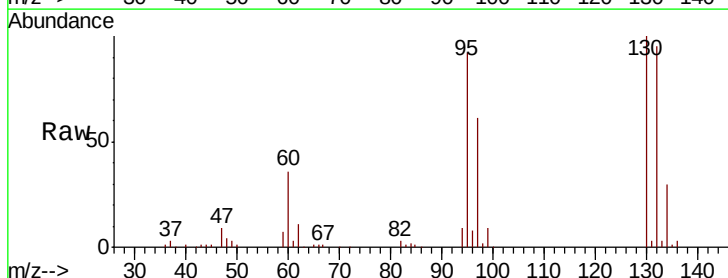
Acq: 14 Sep 2018 14:22

Tgt Ion:130 Resp: 134795

Ion Ratio Lower Upper

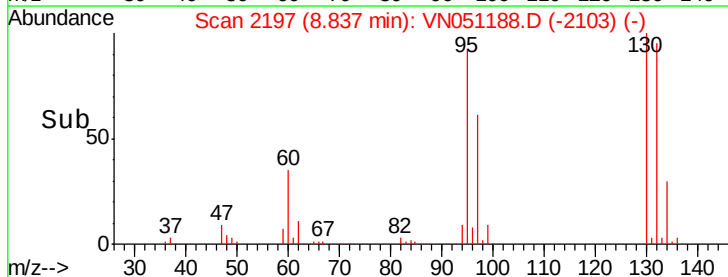
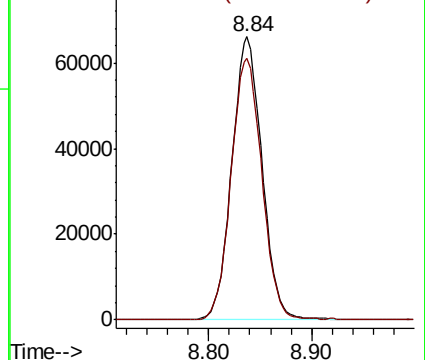
130 100

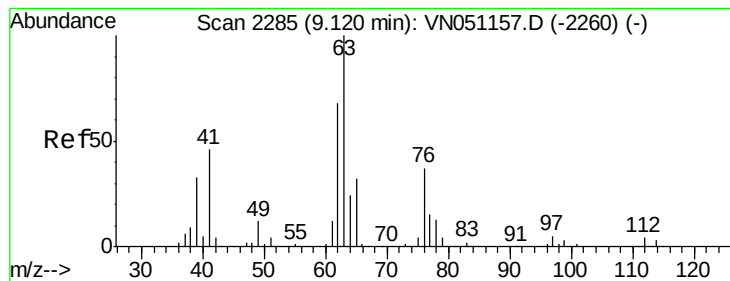
95 92.5 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051157.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051157.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.48 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

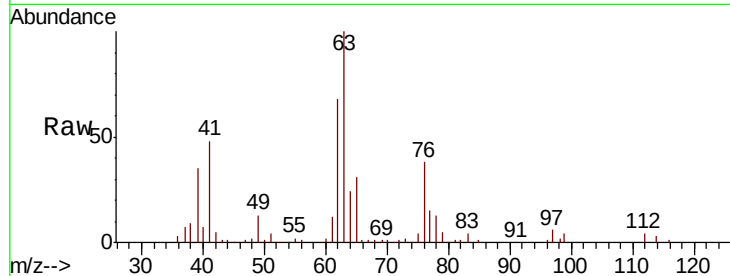
VN0914WBS02

Tot Ion: 63 Resp: 133891

Ion Ratio Lower Upper

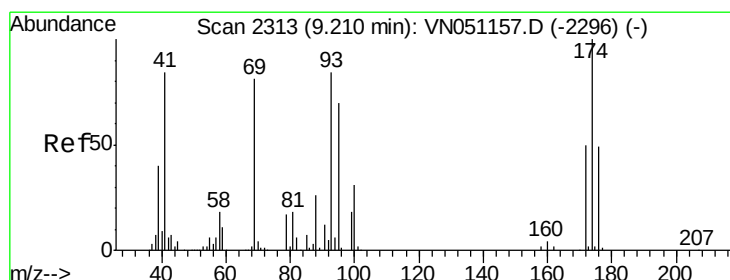
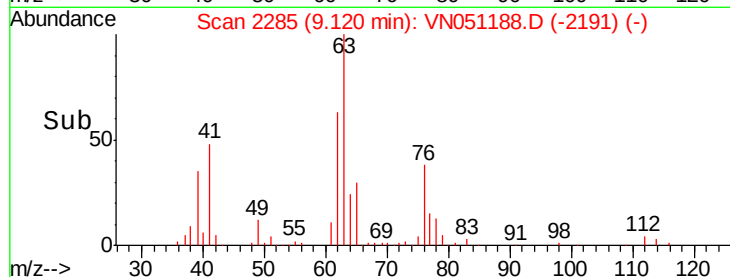
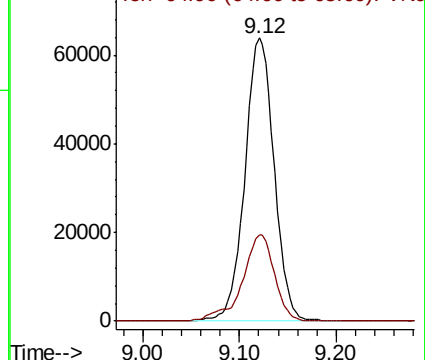
63 100

65 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.28 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

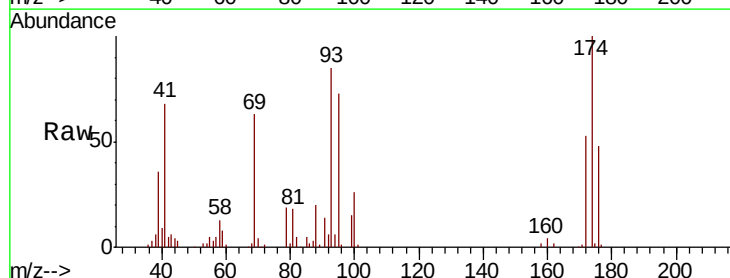
Tgt Ion: 93 Resp: 76653

Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

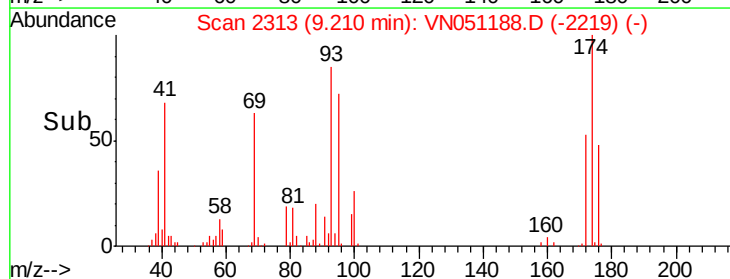
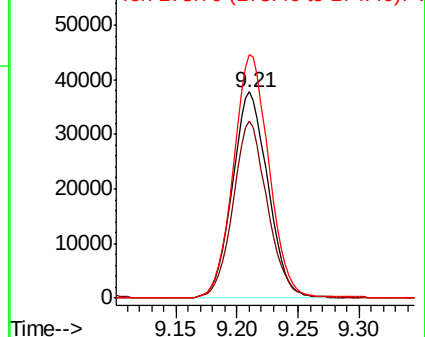
174 117.9 93.3 139.9

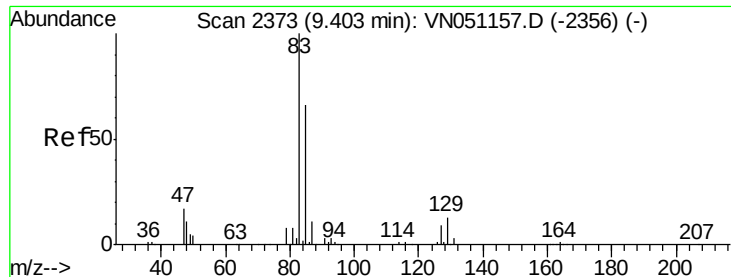


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

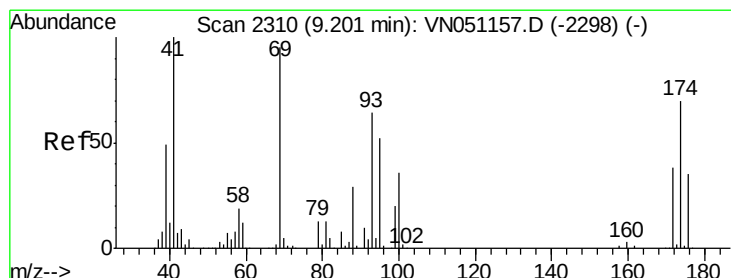
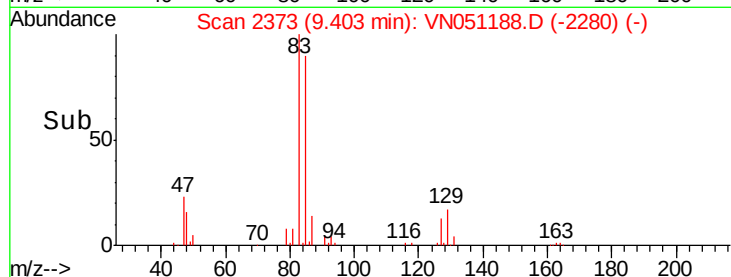
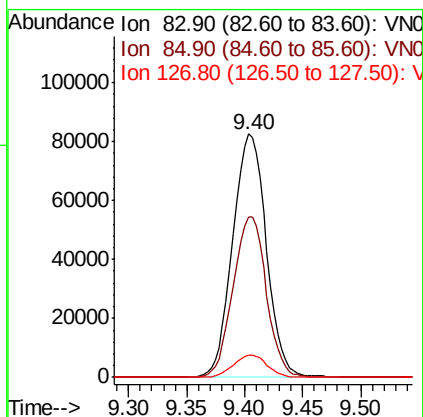
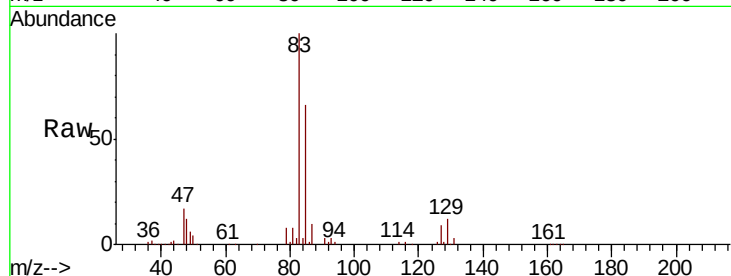




#47
 Bromodichloromethane
 Concen: 19.46 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

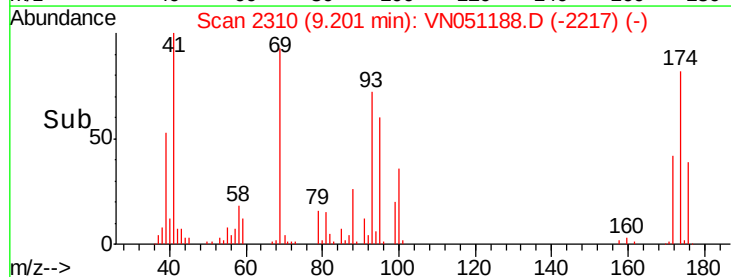
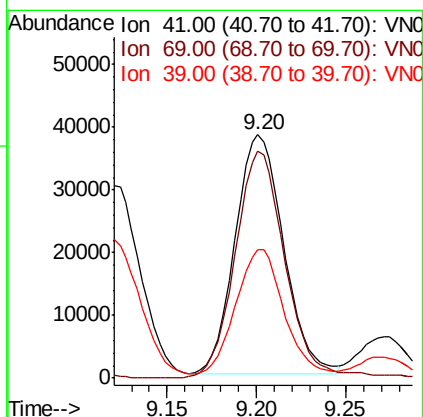
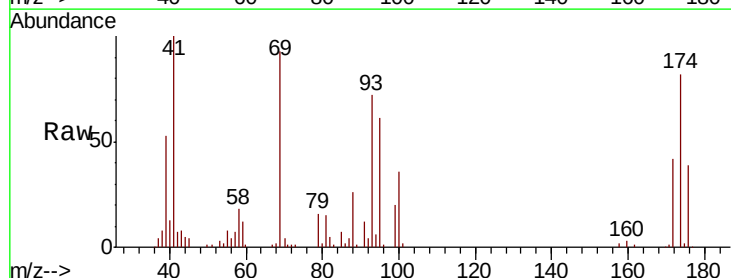
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS02

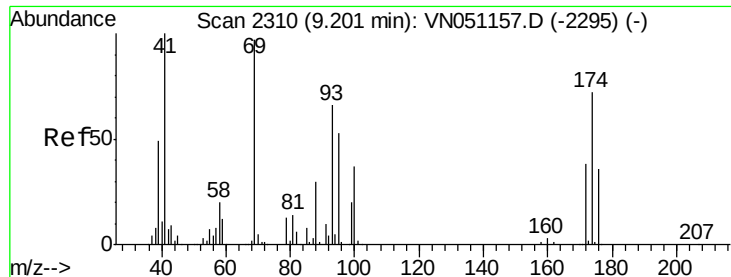
Tot Ion: 83 Resp: 165922
 Ion Ratio Lower Upper
 83 100
 85 65.7 52.3 78.5
 127 9.2 7.5 11.3



#48
 Methyl methacrylate
 Concen: 16.50 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion: 41 Resp: 72525
 Ion Ratio Lower Upper
 41 100
 69 98.4 77.7 116.5
 39 54.0 41.6 62.4





#49

1,4-Dioxane

Concen: 304.70 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.01 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS02

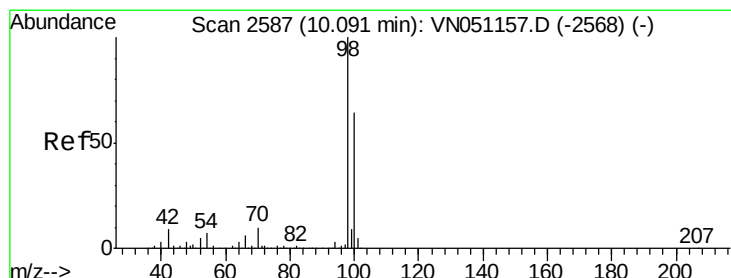
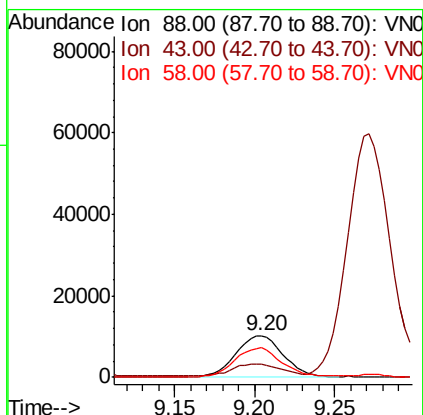
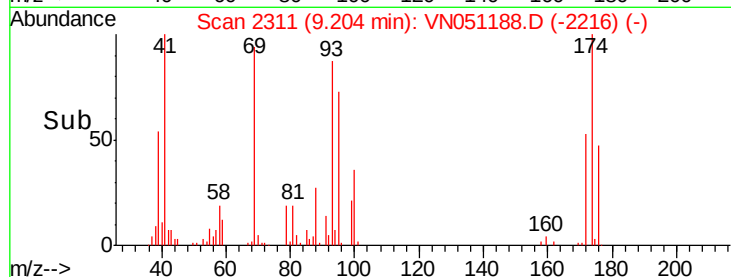
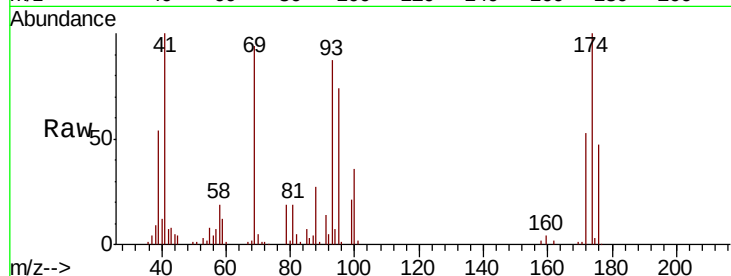
Tot Ion: 88 Resp: 21001

Ion Ratio Lower Upper

88 100

43 29.3 23.7 35.5

58 69.6 54.6 82.0



#50

Toluene-d8

Concen: 48.97 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051188.D

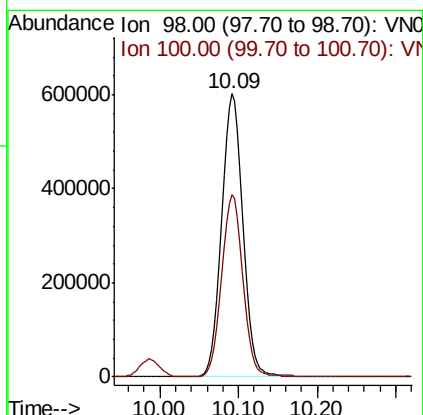
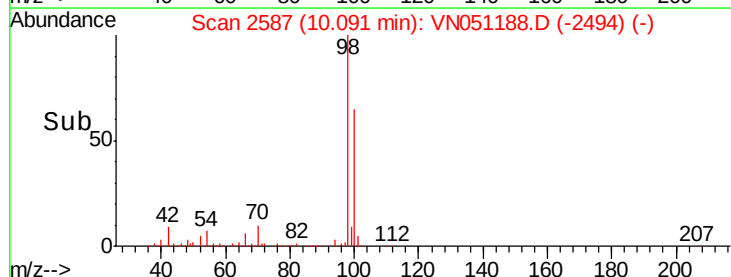
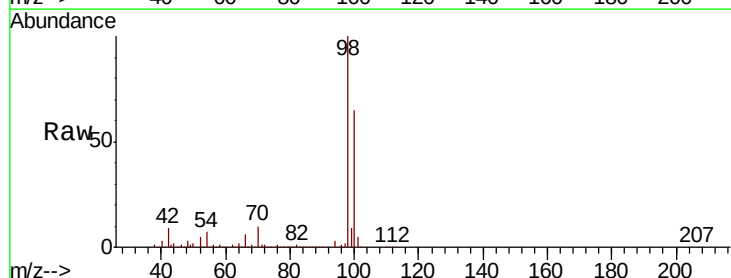
Acq: 14 Sep 2018 14:22

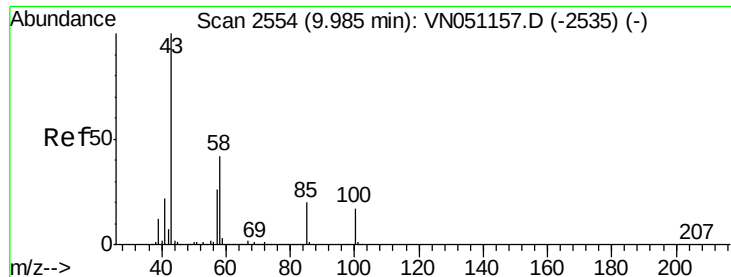
Tgt Ion: 98 Resp: 1122466

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

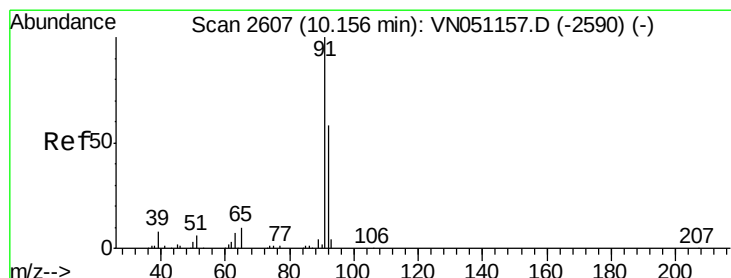
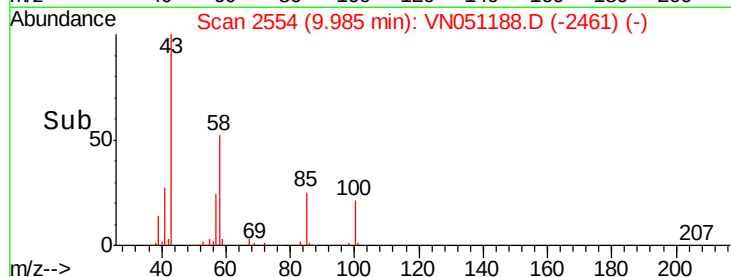
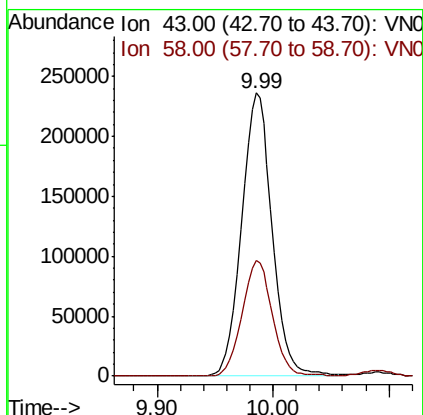
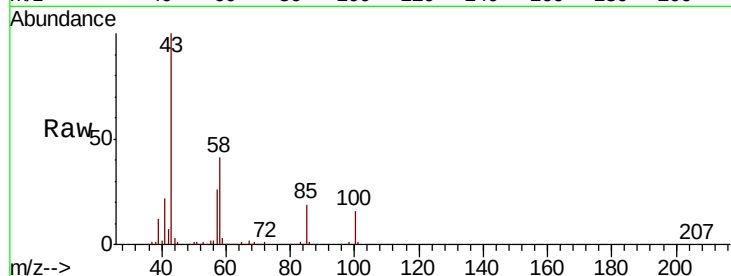




#51
 4-Methyl-2-Pentanone
 Concen: 85.79 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

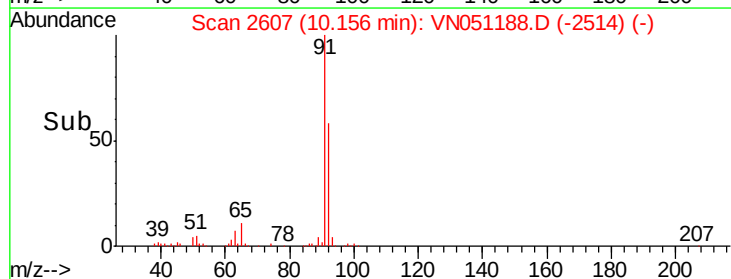
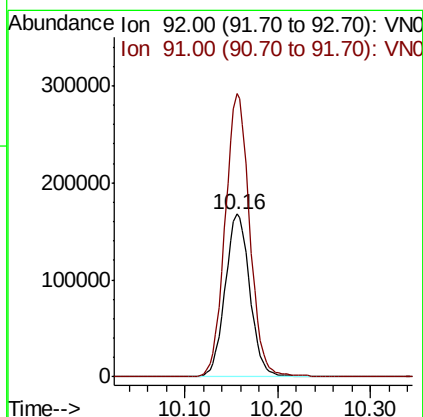
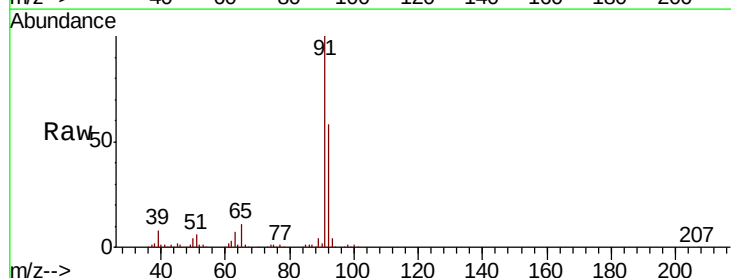
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBS02

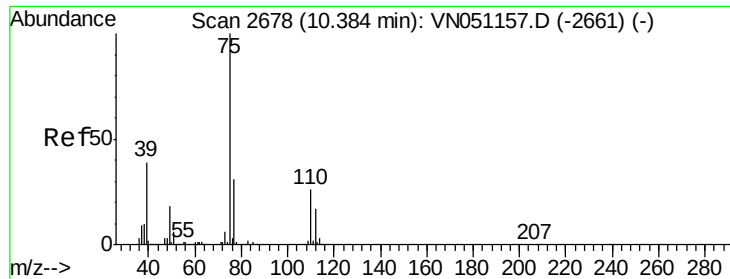
Tot Ion: 43 Resp: 427875
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.5 50.3



#52
 Toluene
 Concen: 19.15 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion: 92 Resp: 310611
 Ion Ratio Lower Upper
 92 100
 91 173.1 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 17.36 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

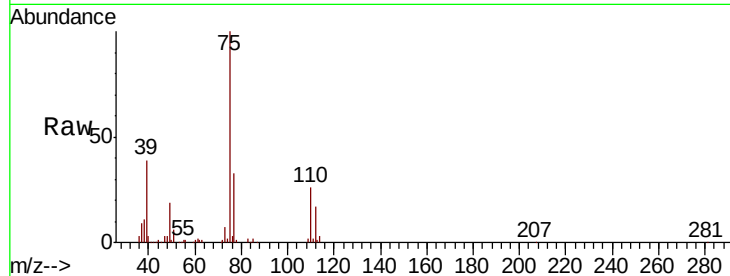
VN0914WBS02

Tot Ion: 75 Resp: 148124

Ion Ratio Lower Upper

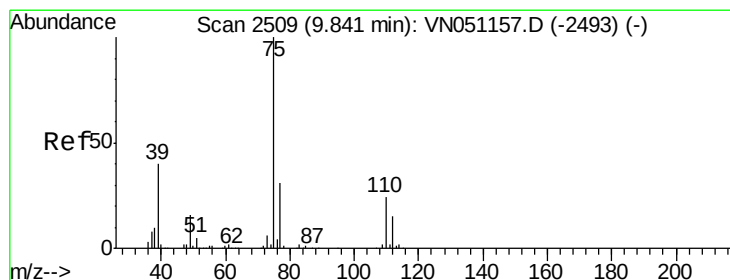
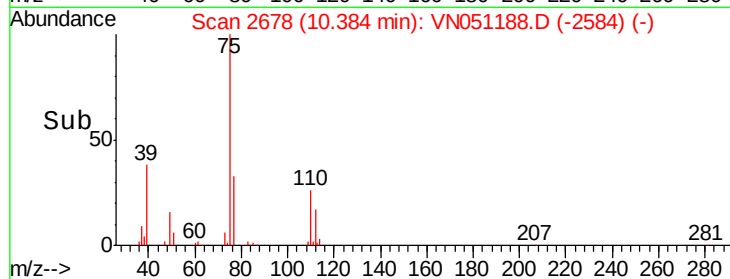
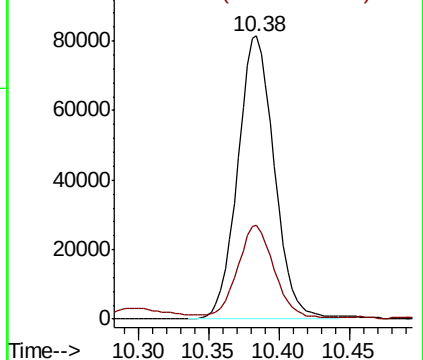
75 100

77 32.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.35 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

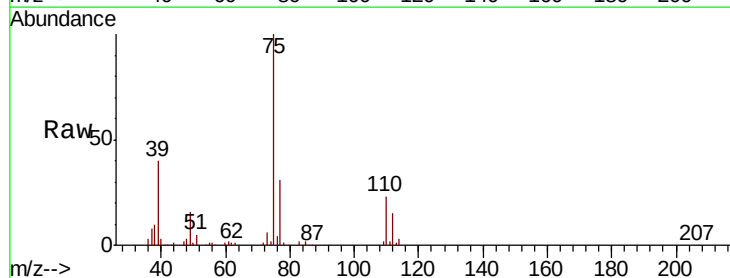
Tgt Ion: 75 Resp: 183559

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

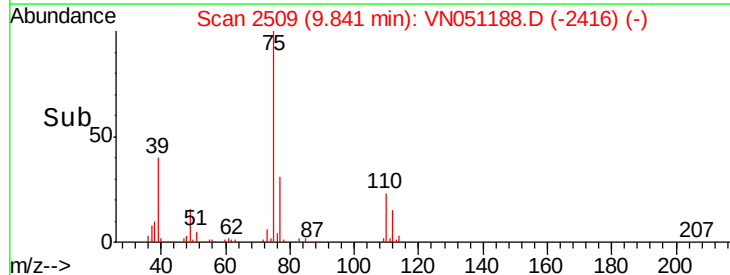
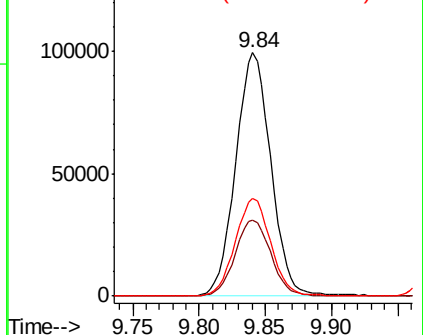
39 40.3 31.9 47.9

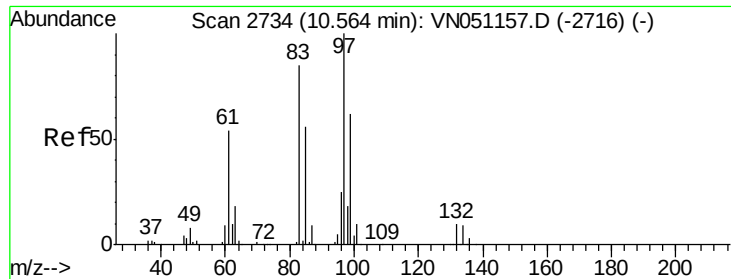


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

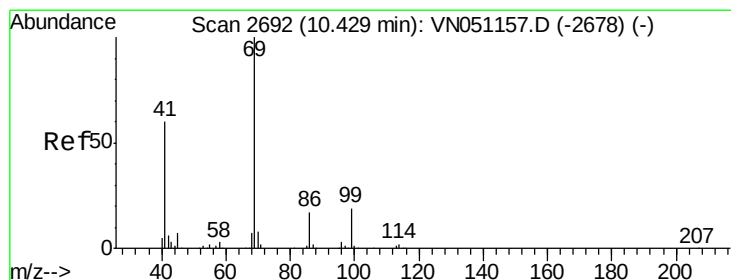
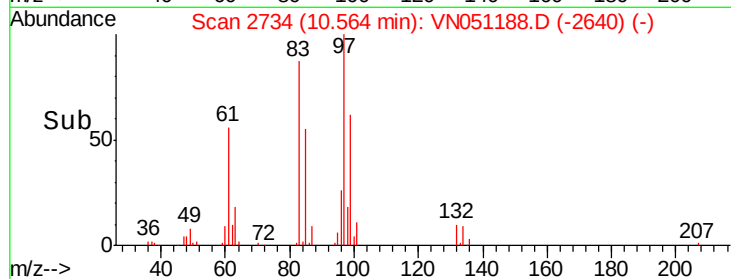
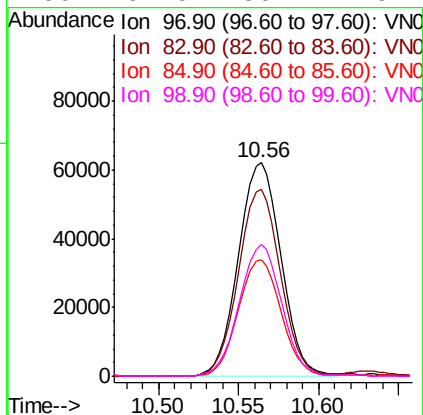
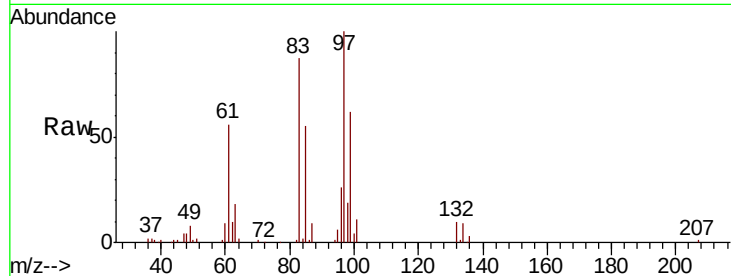




#55
 1,1,2-Trichloroethane
 Concen: 19.19 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

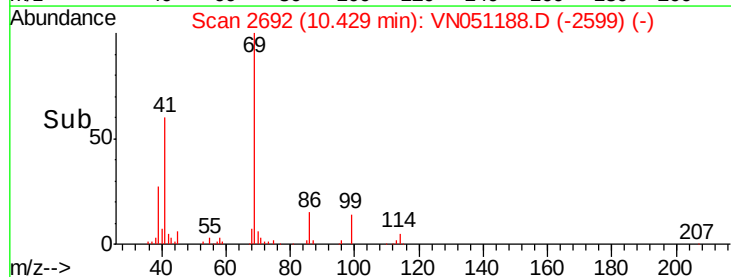
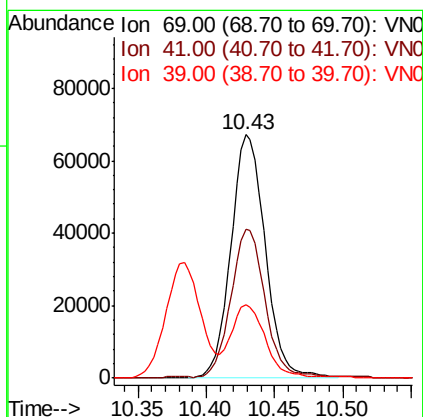
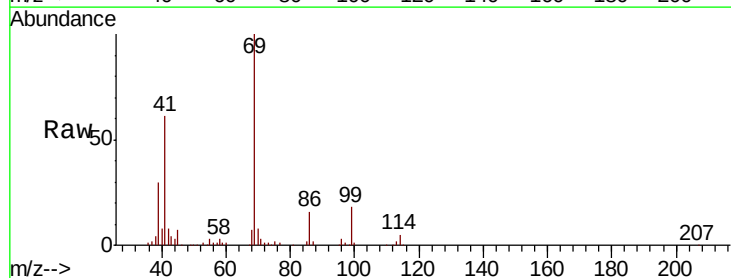
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

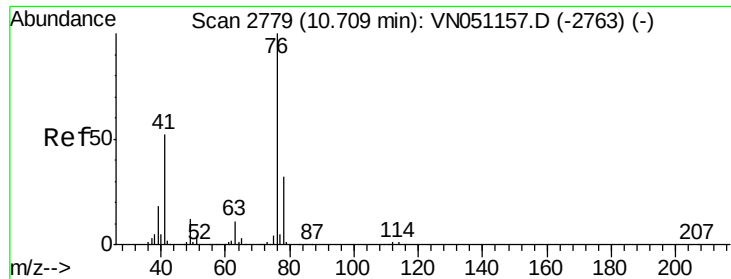
Tot Ion	97	Resp	113056
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.2	102.2
85	54.5	44.8	67.2
99	62.0	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 16.62 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion	69	Resp	117795
Ion	Ratio	Lower	Upper
69	100		
41	61.8	47.8	71.8
39	29.1	23.0	34.4





#57

1,3-Dichloropropane

Concen: 18.52 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

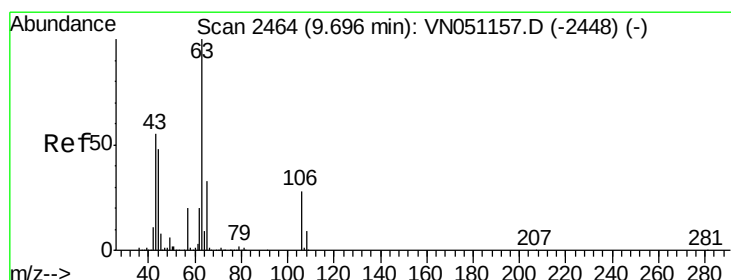
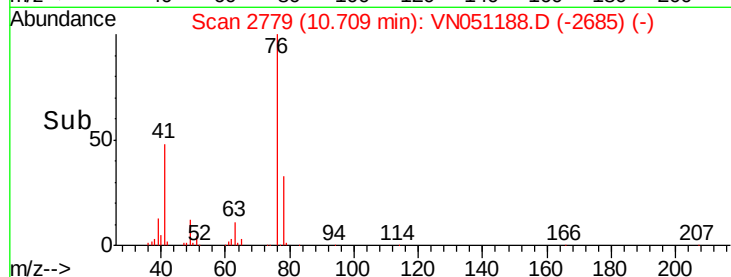
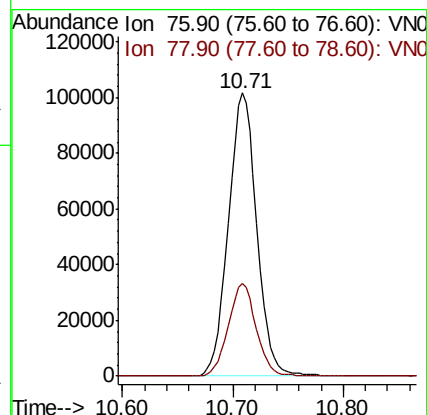
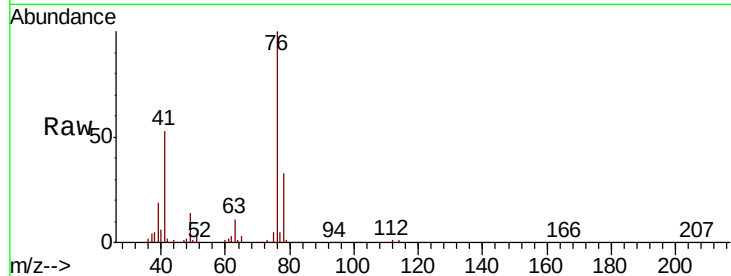
VN0914WBS02

Tot Ion: 76 Resp: 180906

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 83.04 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051188.D

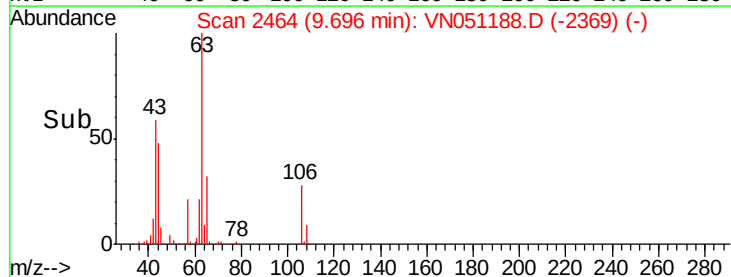
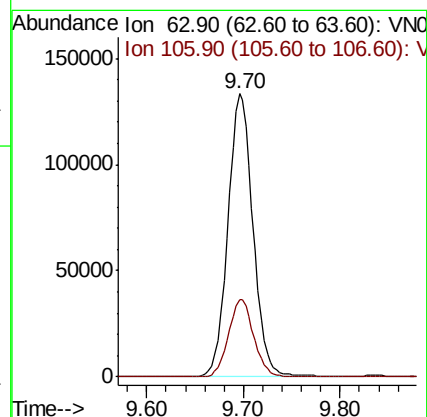
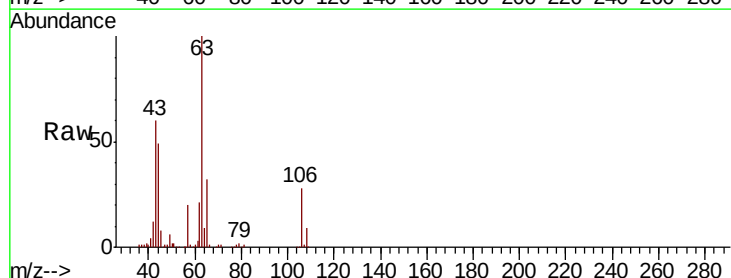
Acq: 14 Sep 2018 14:22

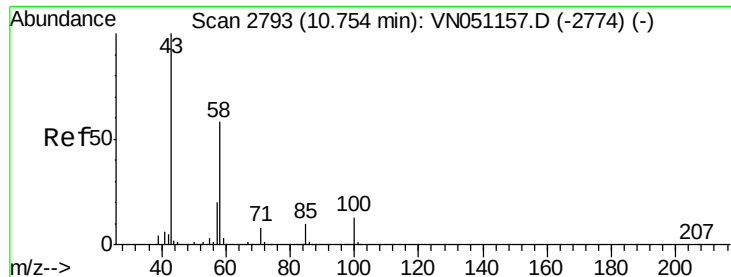
Tgt Ion: 63 Resp: 239980

Ion Ratio Lower Upper

63 100

106 27.6 22.5 33.7

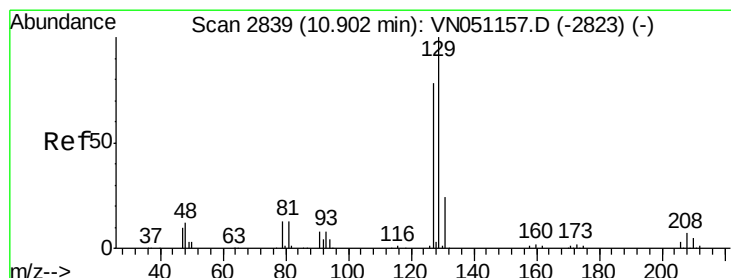
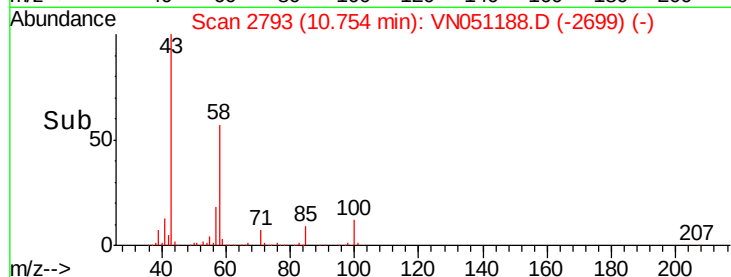
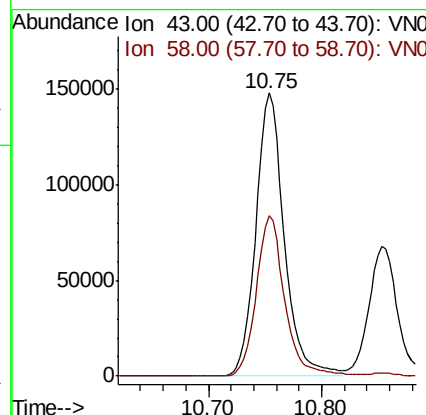
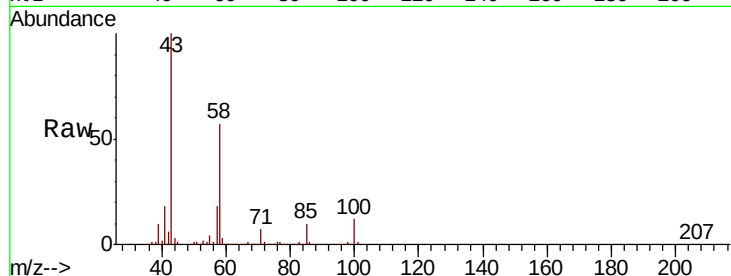




#59
2-Hexanone
Concen: 76.04 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

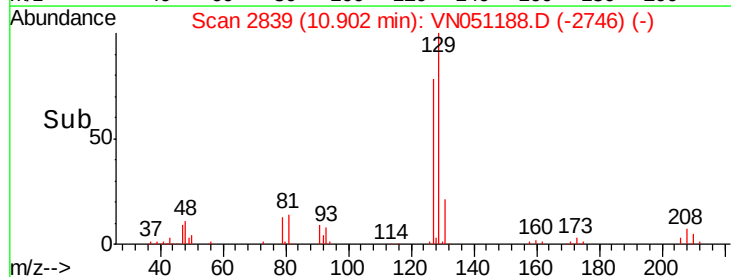
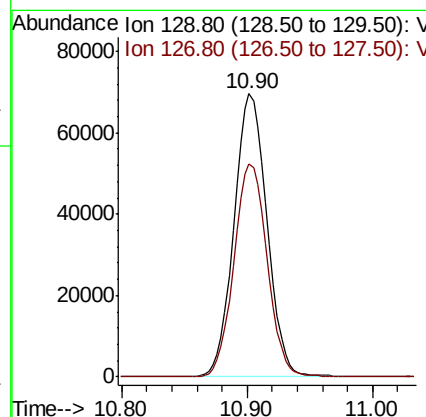
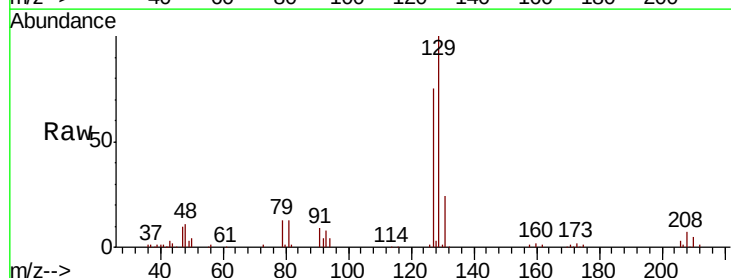
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS02

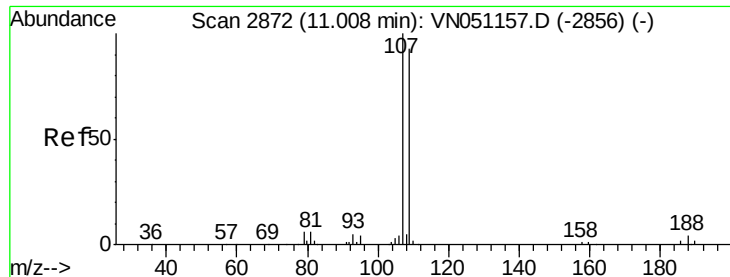
Tot Ion: 43 Resp: 257217
Ion Ratio Lower Upper
43 100
58 56.9 29.3 88.0



#60
Dibromochloromethane
Concen: 19.14 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 129 Resp: 127056
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.89 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

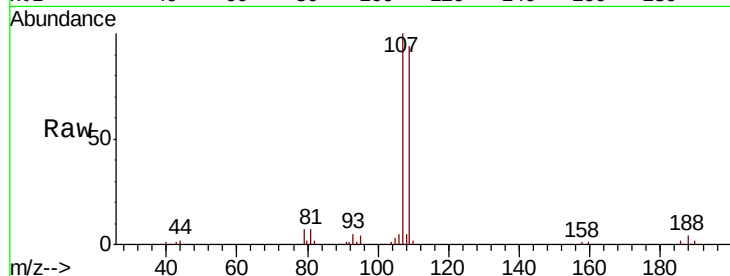
VN0914WBS02

Tot Ion:107 Resp: 103038

Ion Ratio Lower Upper

107 100

109 94.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

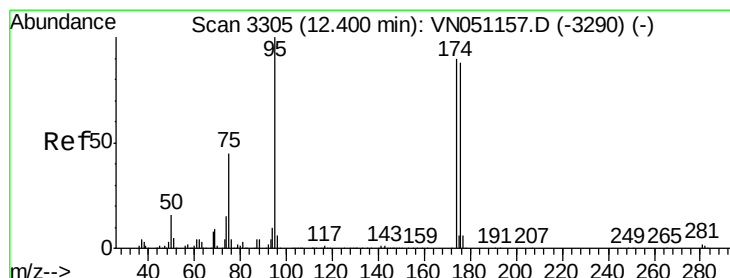
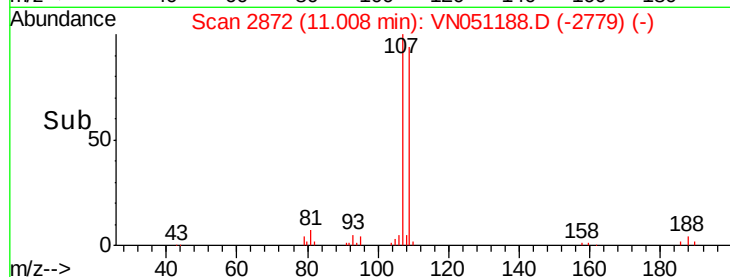
40000

20000

0

11.01

Time-->



#62

4-Bromofluorobenzene

Concen: 44.07 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

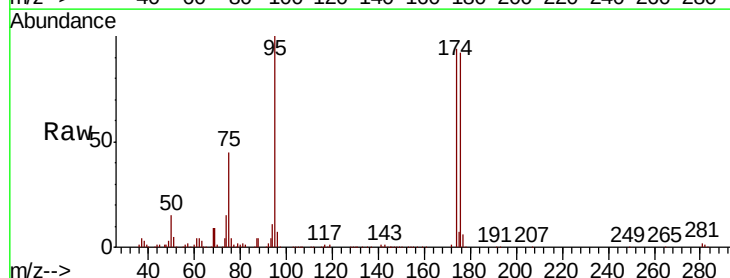
Tgt Ion: 95 Resp: 334137

Ion Ratio Lower Upper

95 100

174 93.5 0.0 184.8

176 91.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

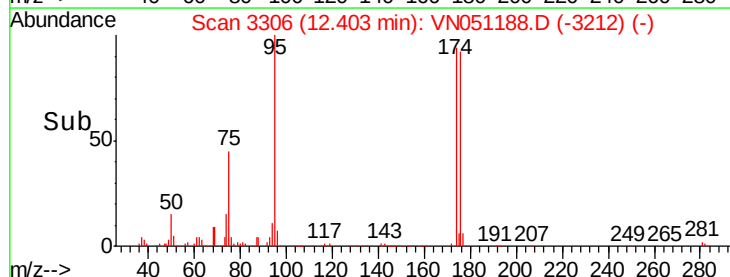
100000

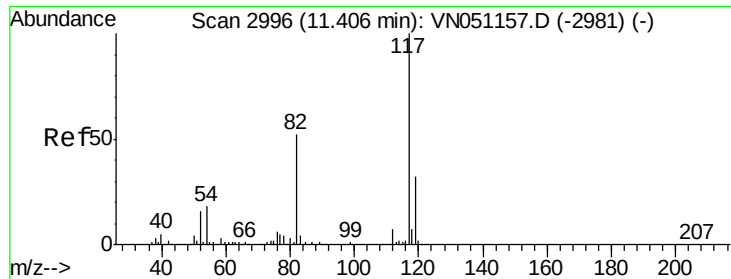
50000

0

12.40

Time-->

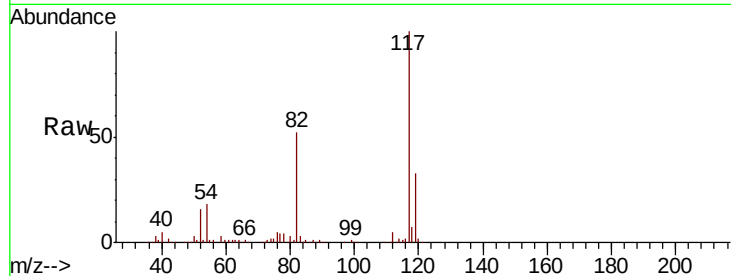




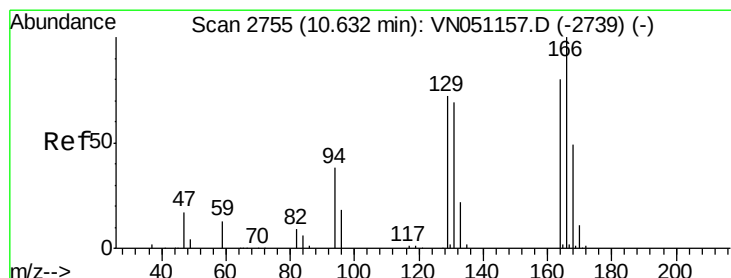
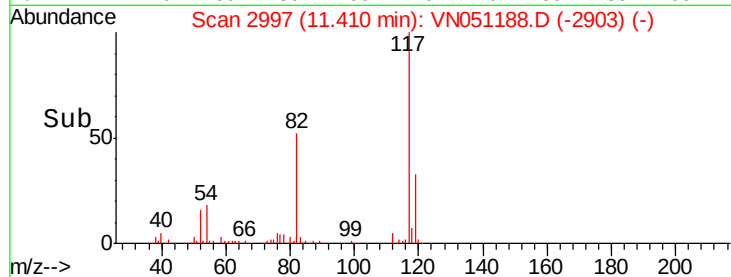
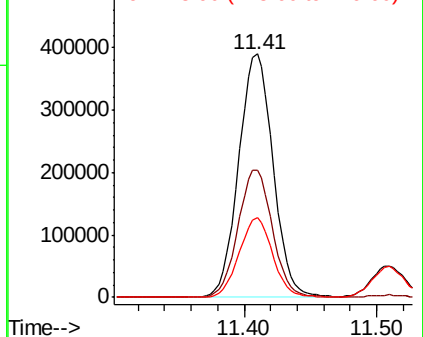
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Instrument :
MSVOA_N
ClientSampled :
VN0914WBS02

Tot Ion:117 Resp: 704523
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 32.5 26.2 39.2

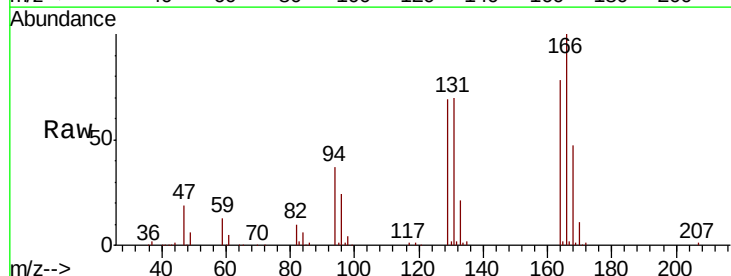


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

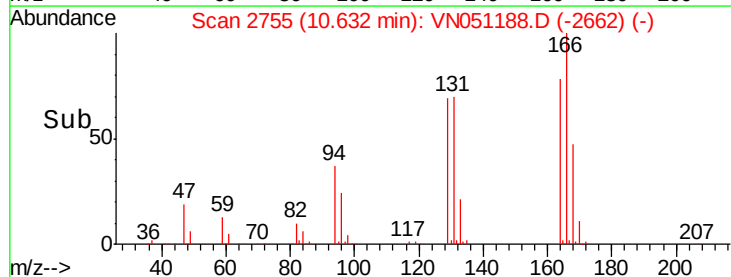
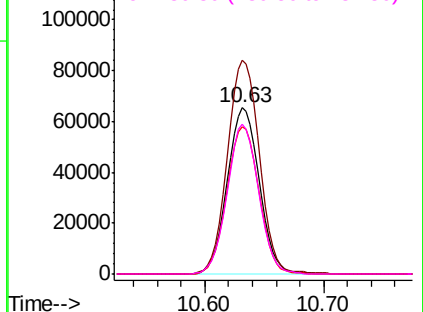


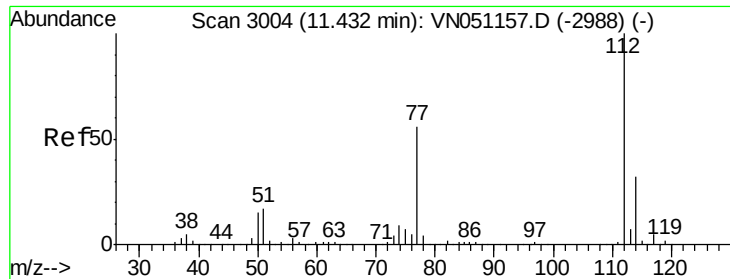
#64
Tetrachloroethene
Concen: 18.94 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion:164 Resp: 121769
Ion Ratio Lower Upper
164 100
166 128.7 101.3 151.9
129 89.1 72.2 108.2
131 90.4 70.2 105.2



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

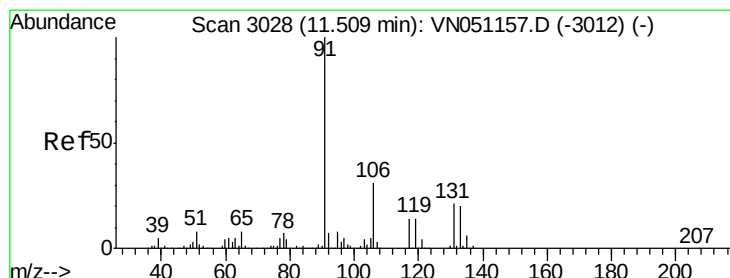
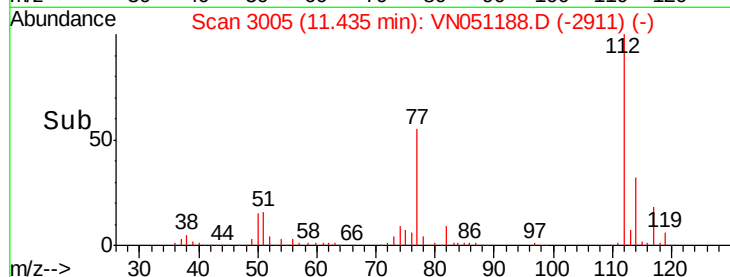
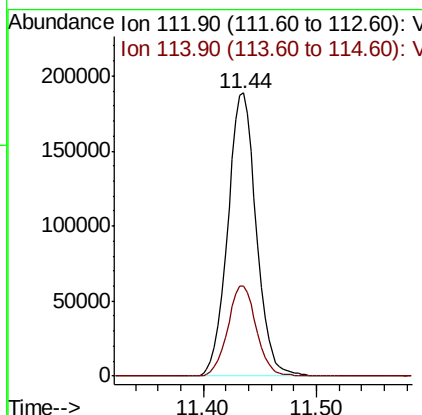
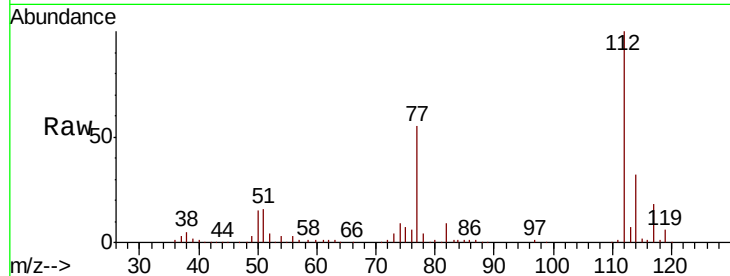




#65
Chlorobenzene
Concen: 18.59 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

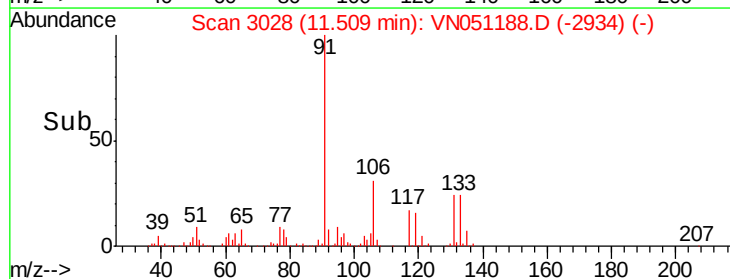
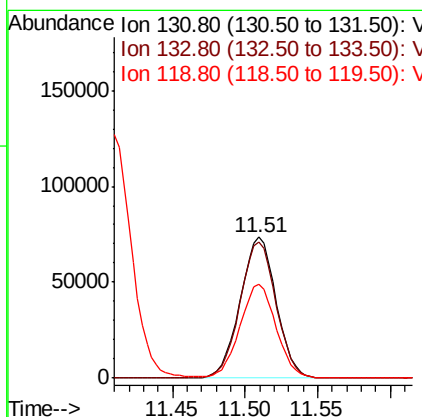
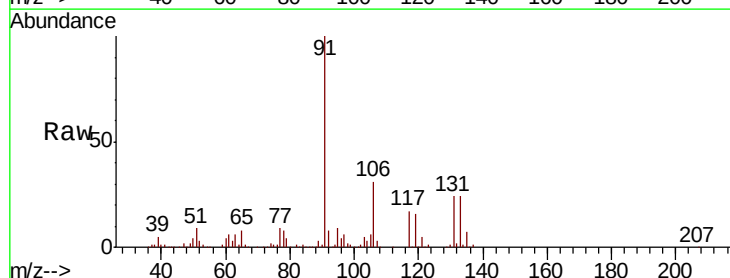
Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS02

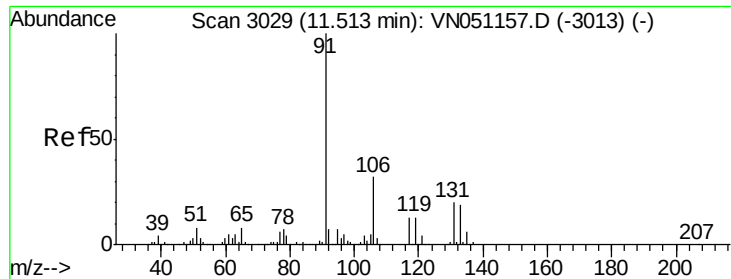
Tot Ion:112 Resp: 330180
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.90 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion:131 Resp: 127243
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.6
119 66.9 33.2 99.6

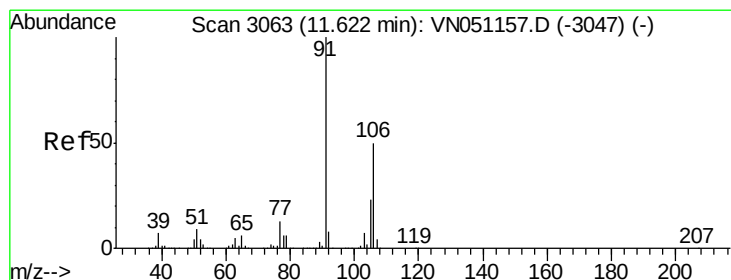
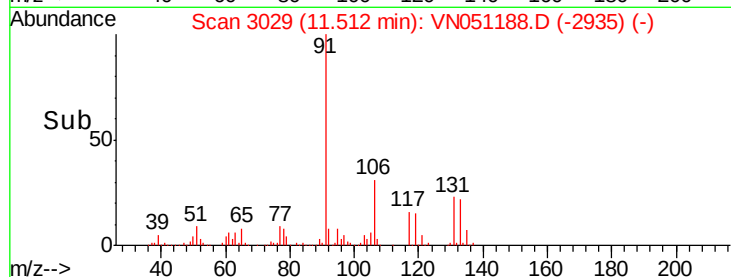
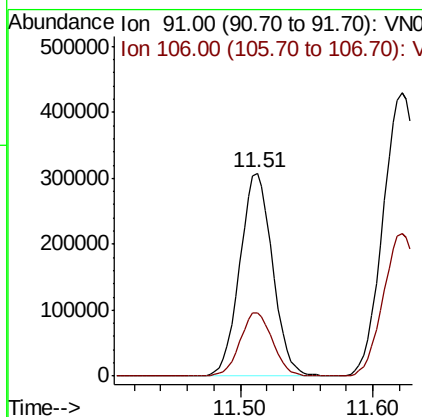
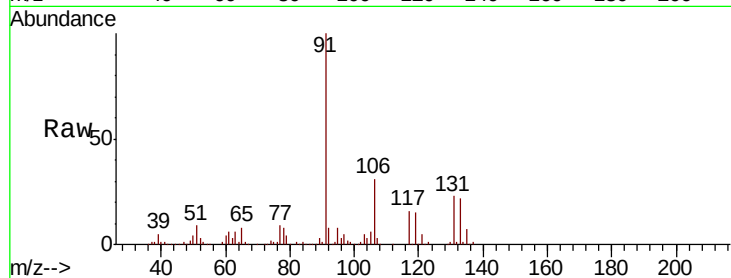




#67
Ethyl Benzene
Concen: 18.31 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

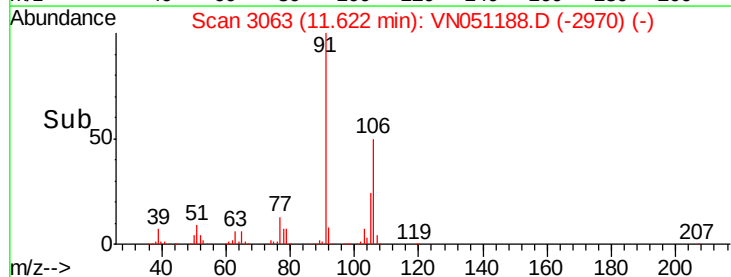
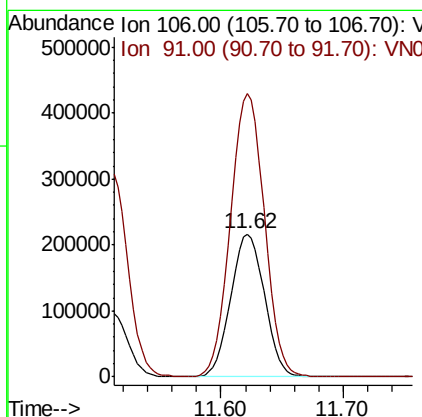
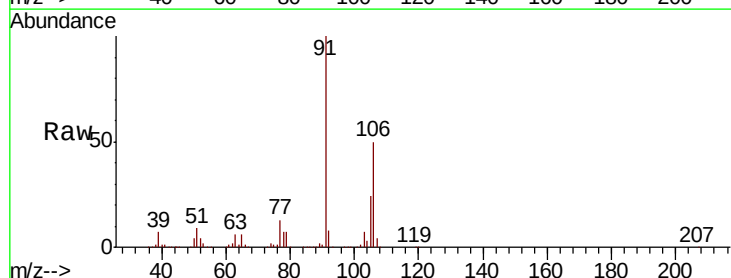
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS02

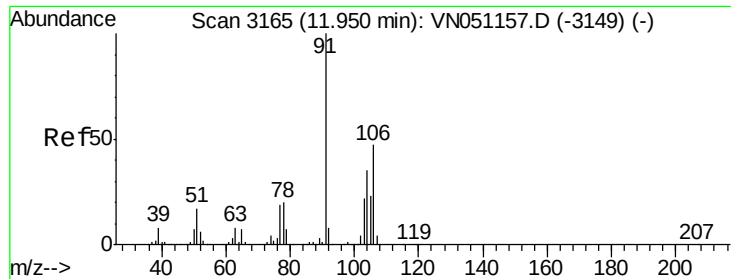
Tot Ion: 91 Resp: 526649
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 37.71 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion: 106 Resp: 416727
Ion Ratio Lower Upper
106 100
91 198.9 159.8 239.6

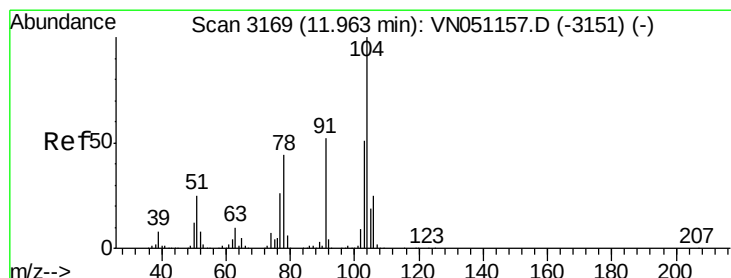
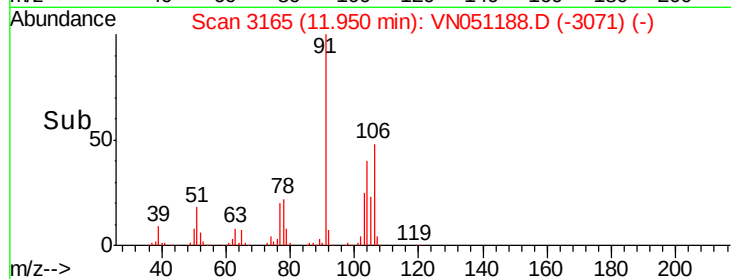
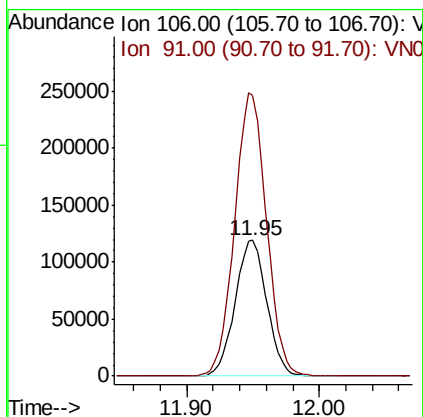
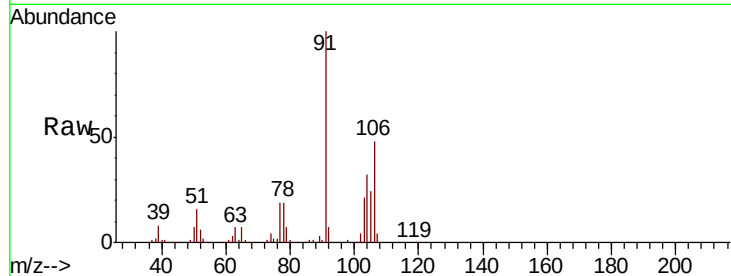




#69
o-Xylene
Concen: 18.50 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

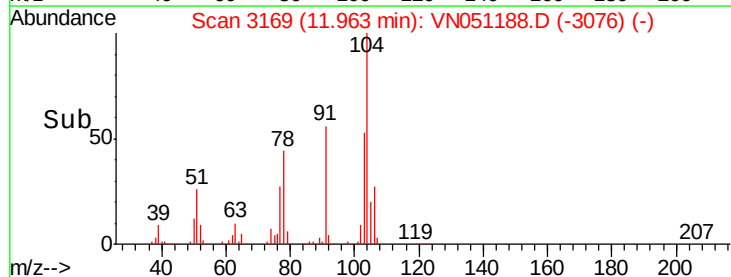
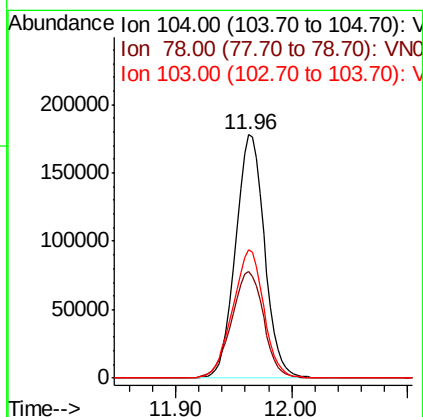
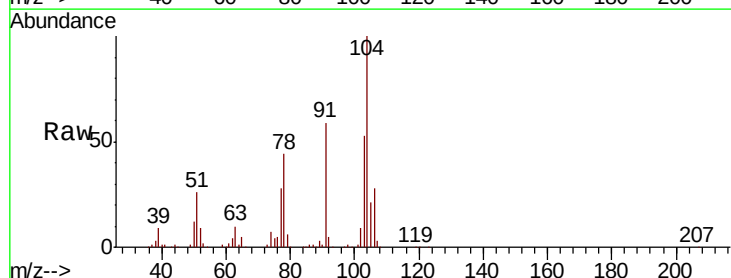
Instrument :
MSVOA_N
ClientSampled :
VN0914WBS02

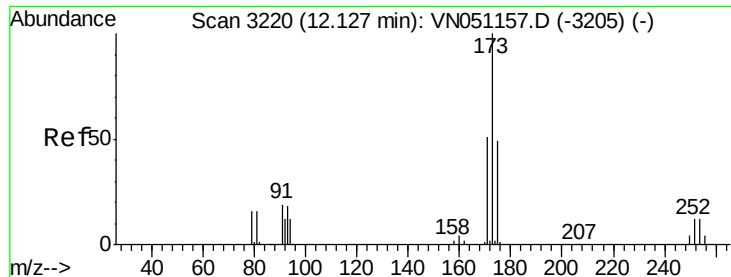
Tot Ion:106 Resp: 197908
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.1



#70
Styrene
Concen: 18.56 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051188.D
Acq: 14 Sep 2018 14:22

Tgt Ion:104 Resp: 308064
Ion Ratio Lower Upper
104 100
78 48.6 37.7 56.5
103 56.8 44.6 67.0





#71

Bromoform

Concen: 18.95 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS02

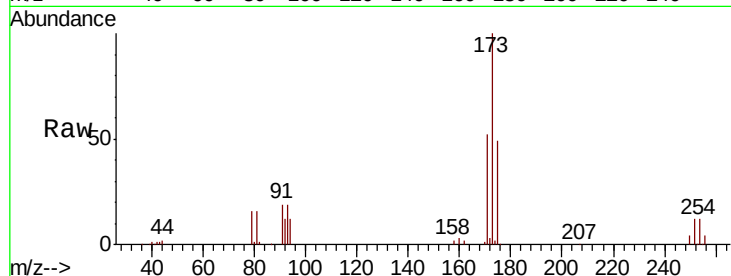
Tot Ion:173 Resp: 85316

Ion Ratio Lower Upper

173 100

175 47.0 24.3 72.9

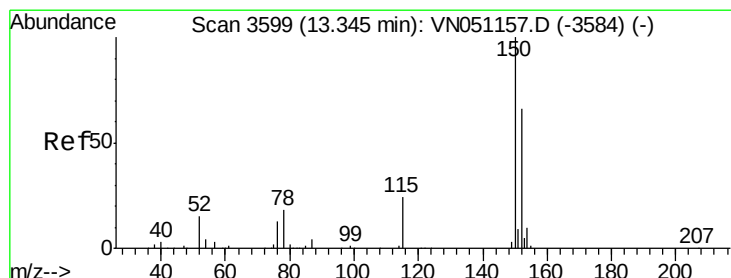
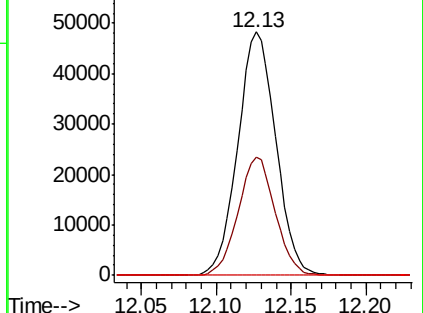
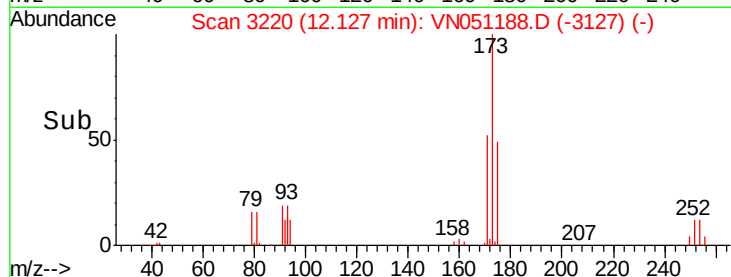
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

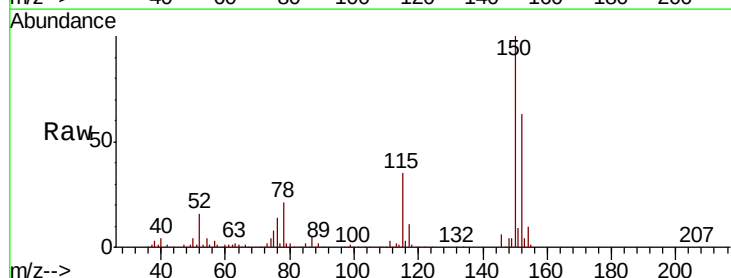
Tgt Ion:152 Resp: 309515

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

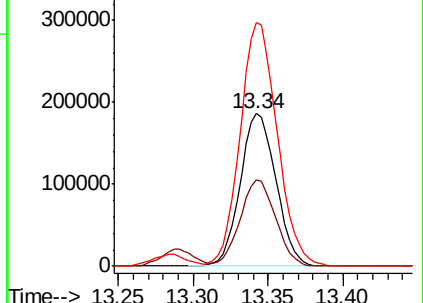
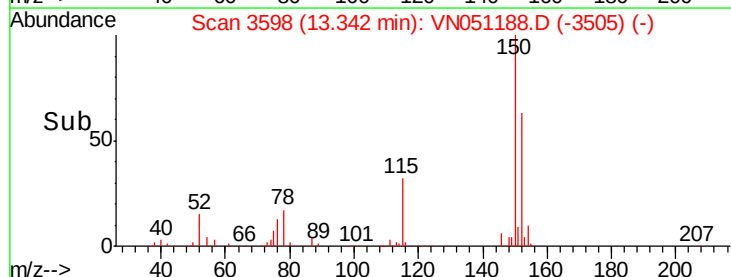
150 165.8 0.0 349.0

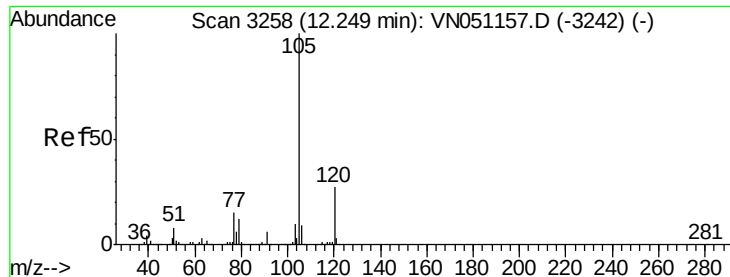


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.06 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

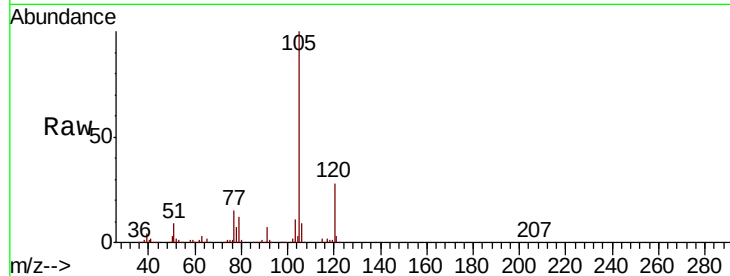
VN0914WBS02

Tot Ion:105 Resp: 520607

Ion Ratio Lower Upper

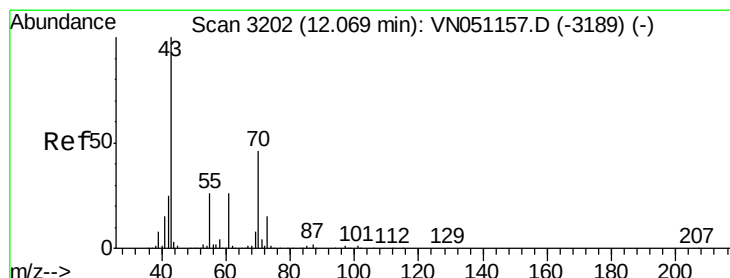
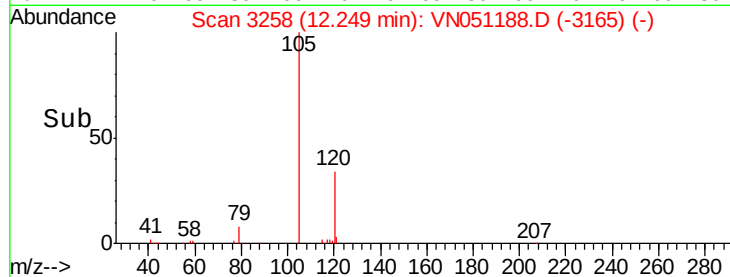
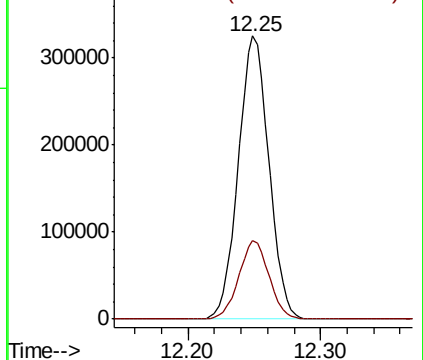
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.80 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Tgt Ion: 43 Resp: 103184

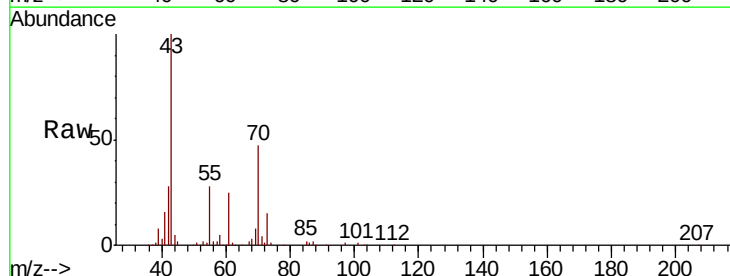
Ion Ratio Lower Upper

43 100

70 47.1 37.0 55.4

55 28.9 21.3 31.9

61 24.9 20.7 31.1

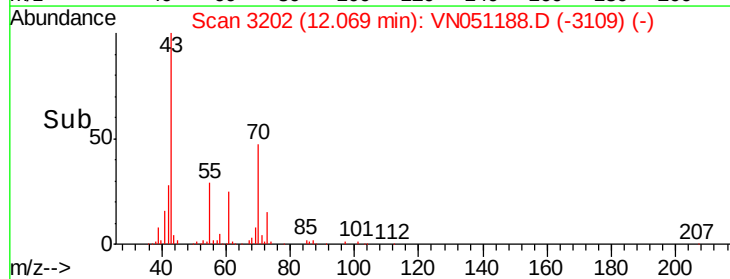
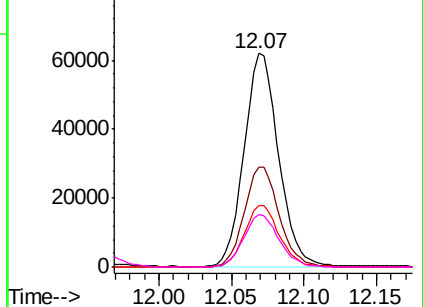


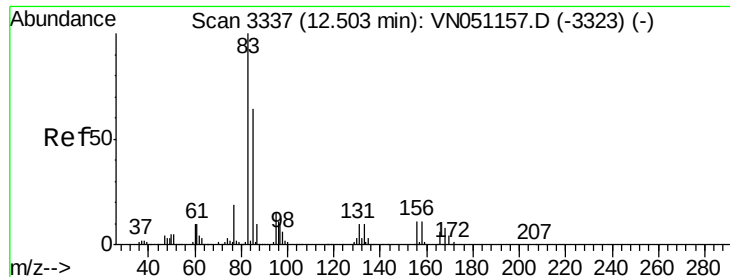
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.82 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS02

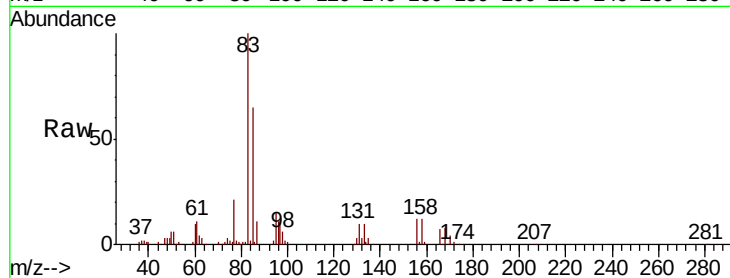
Tot Ion: 83 Resp: 129511

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

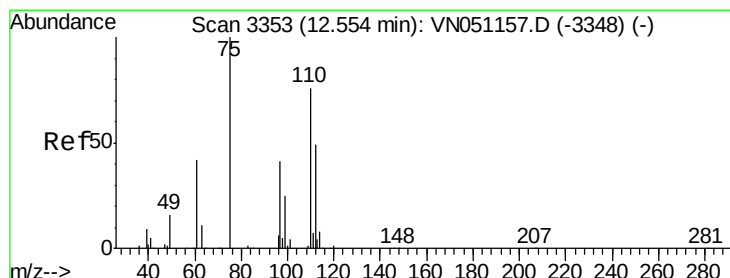
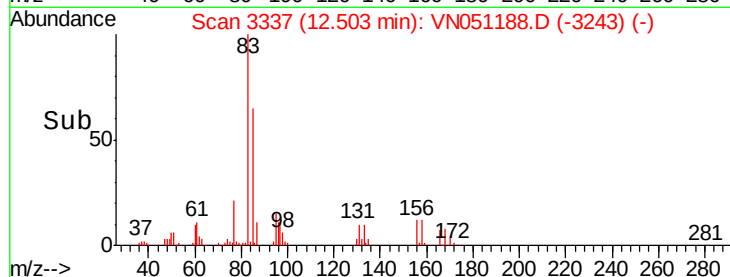
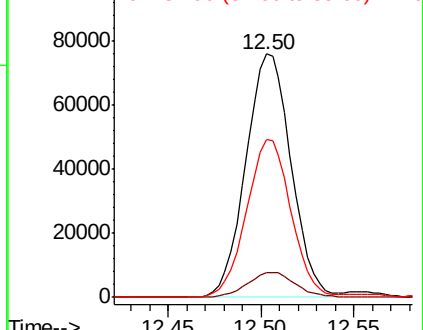
85 64.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.26 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051188.D

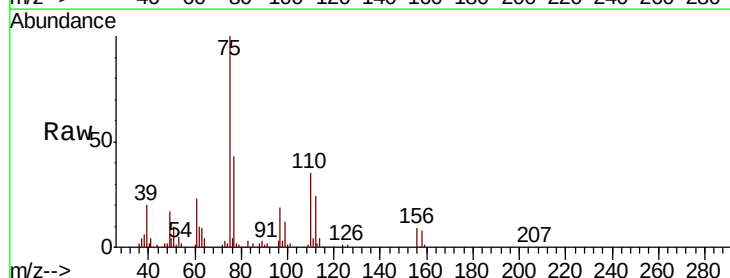
Acq: 14 Sep 2018 14:22

Tgt Ion: 75 Resp: 143357

Ion Ratio Lower Upper

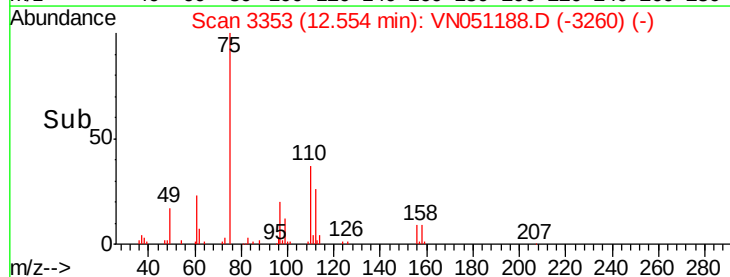
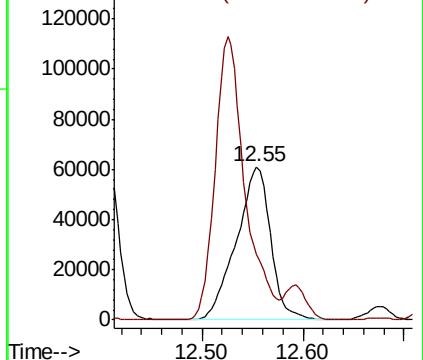
75 100

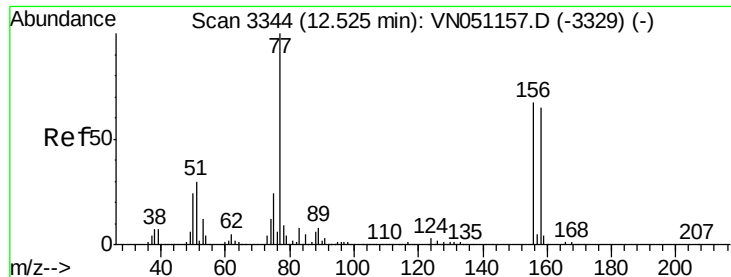
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.25 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS02

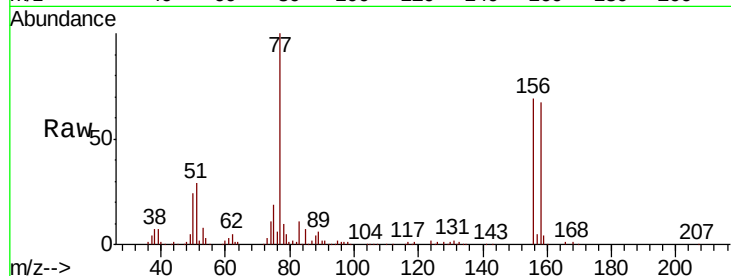
Tot Ion:156 Resp: 134222

Ion Ratio Lower Upper

156 100

77 173.6 87.5 262.6

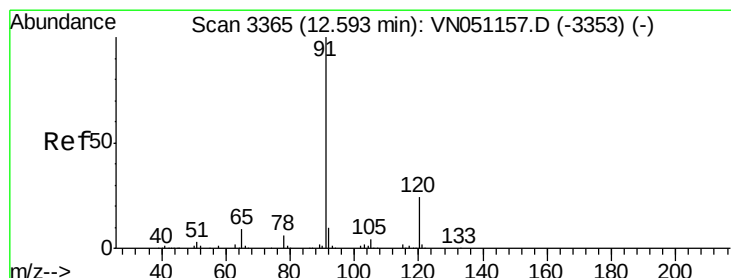
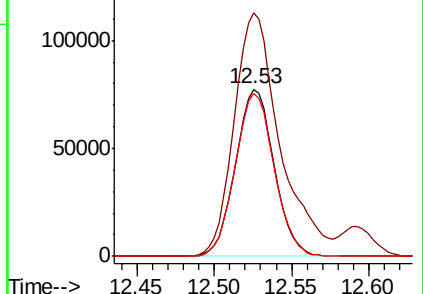
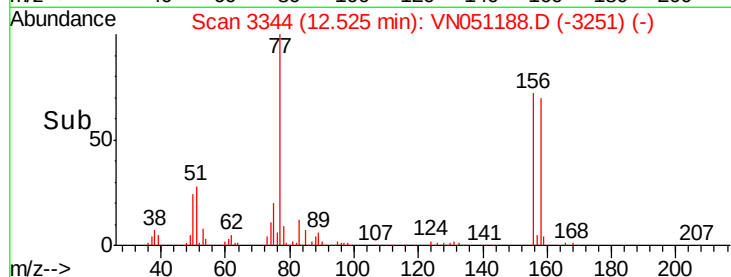
158 98.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.90 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051188.D

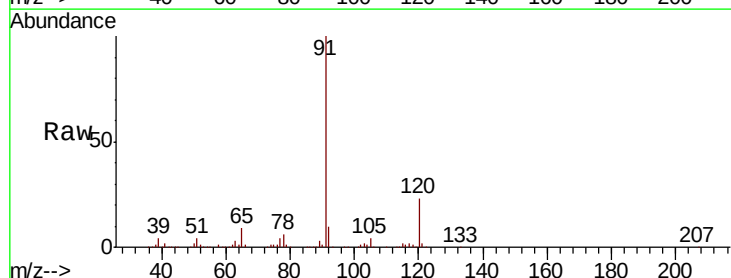
Acq: 14 Sep 2018 14:22

Tgt Ion: 91 Resp: 567678

Ion Ratio Lower Upper

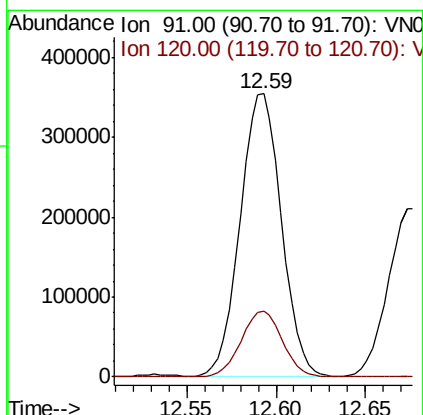
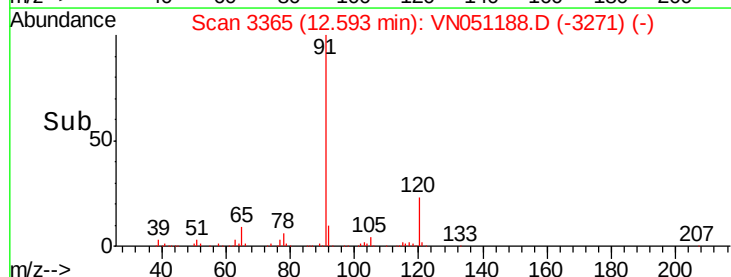
91 100

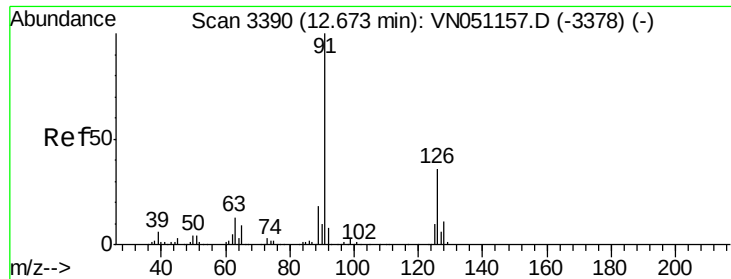
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.70 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

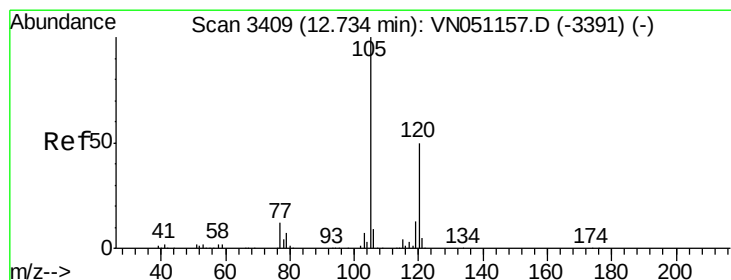
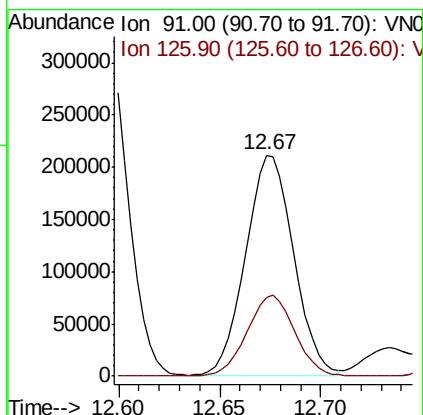
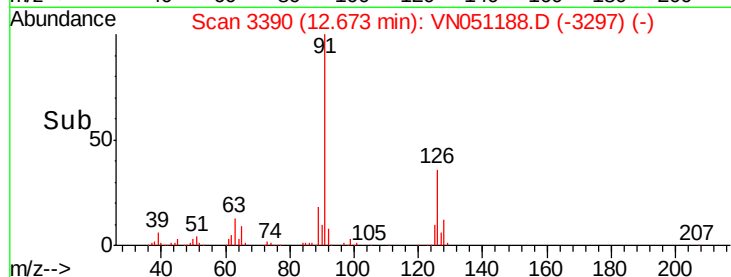
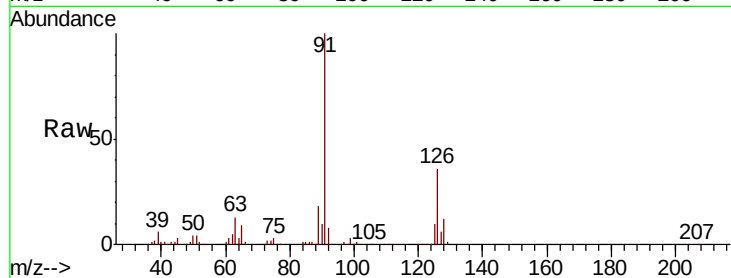
VN0914WBS02

Tot Ion: 91 Resp: 351228

Ion Ratio Lower Upper

91 100

126 36.5 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.24 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051188.D

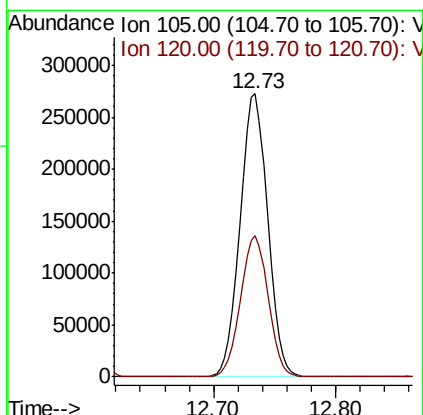
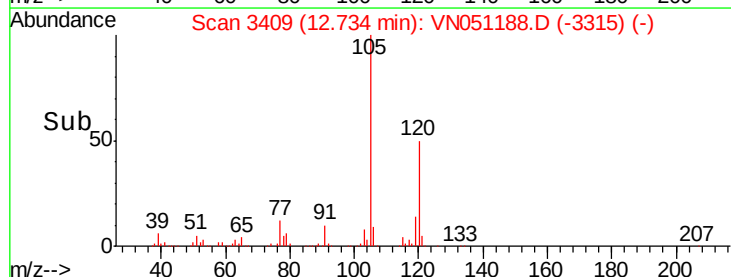
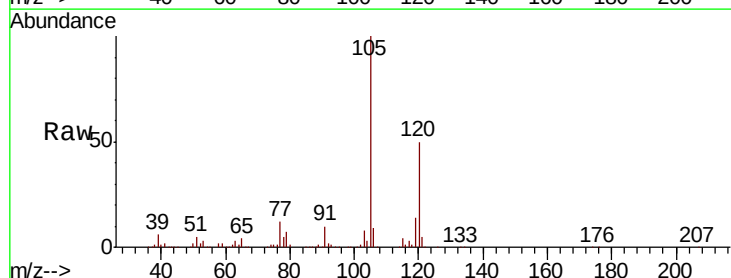
Acq: 14 Sep 2018 14:22

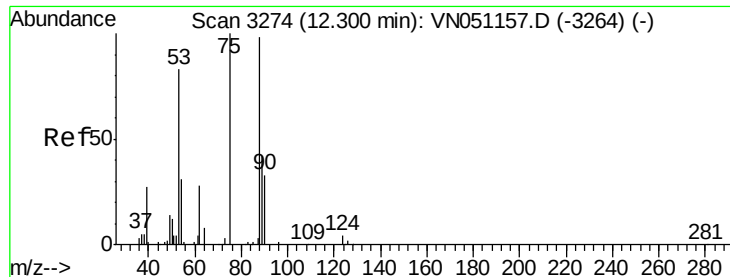
Tgt Ion: 105 Resp: 424802

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.33 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS02

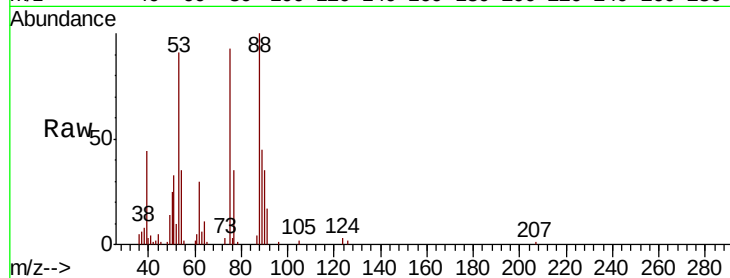
Tot Ion: 75 Resp: 26621

Ion Ratio Lower Upper

75 100

53 93.6 67.8 101.8

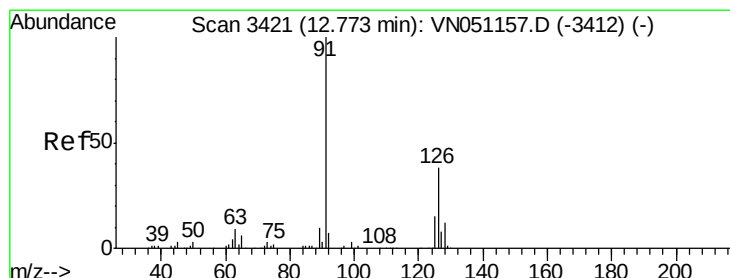
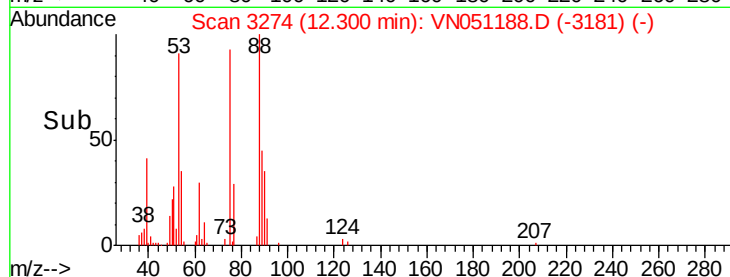
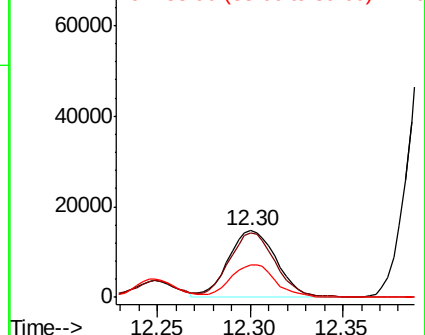
89 45.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.11 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051188.D

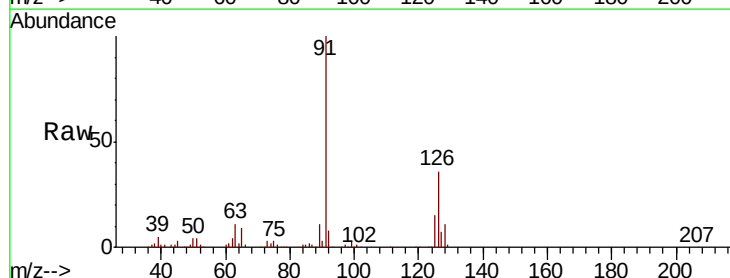
Acq: 14 Sep 2018 14:22

Tgt Ion: 91 Resp: 338299

Ion Ratio Lower Upper

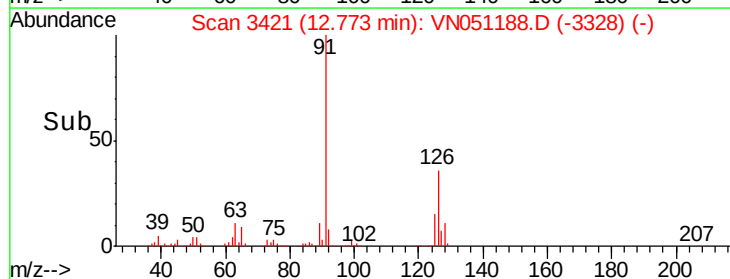
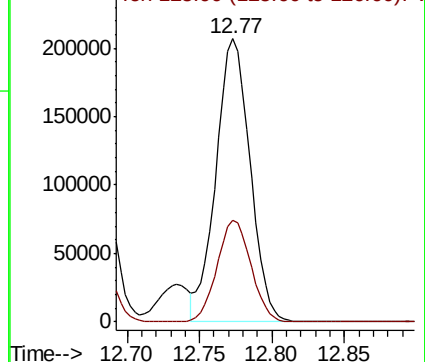
91 100

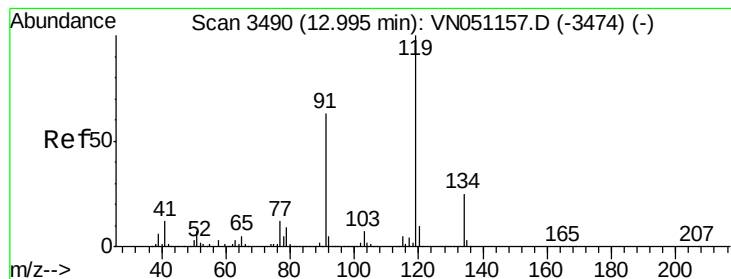
126 35.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.61 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS02

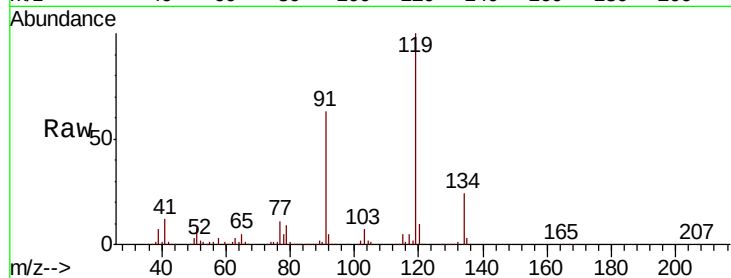
Tot Ion:119 Resp: 363229

Ion Ratio Lower Upper

119 100

91 62.7 30.8 92.3

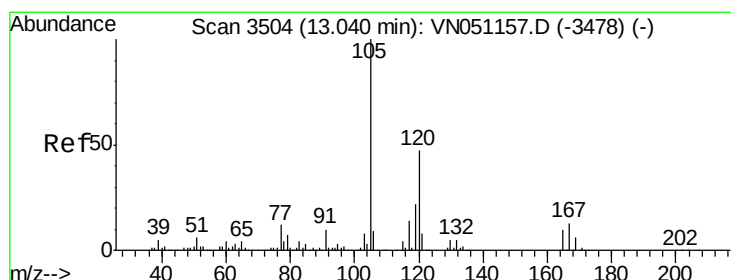
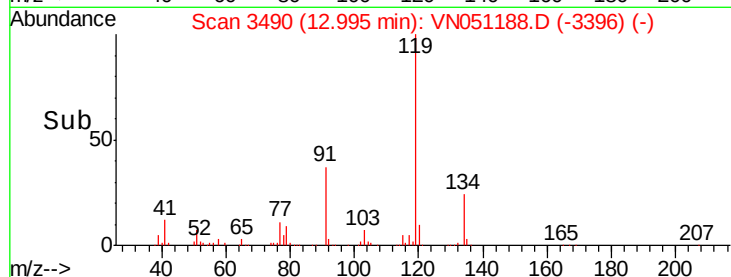
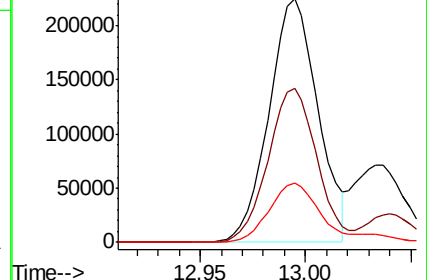
134 24.8 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.41 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051188.D

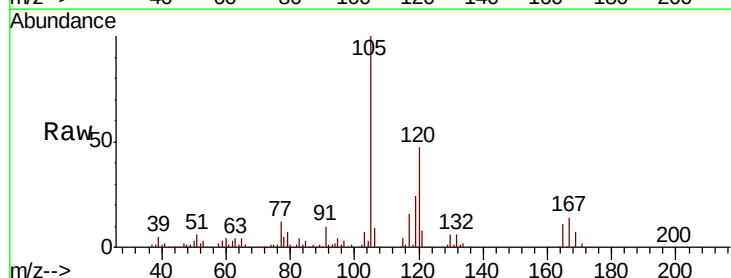
Acq: 14 Sep 2018 14:22

Tgt Ion:105 Resp: 421062

Ion Ratio Lower Upper

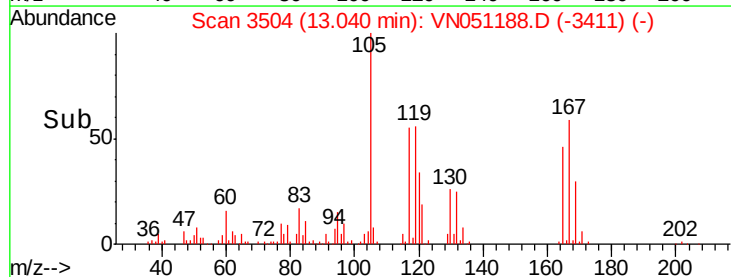
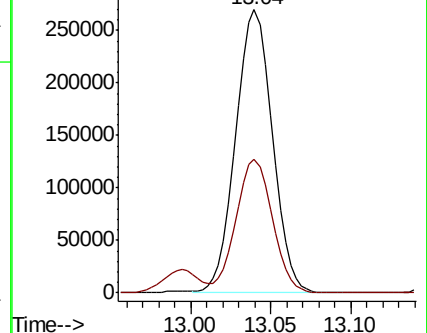
105 100

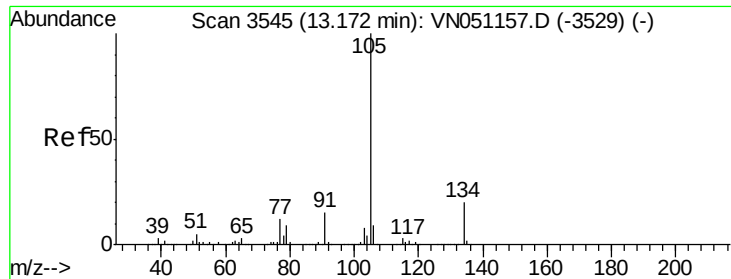
120 47.0 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.82 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

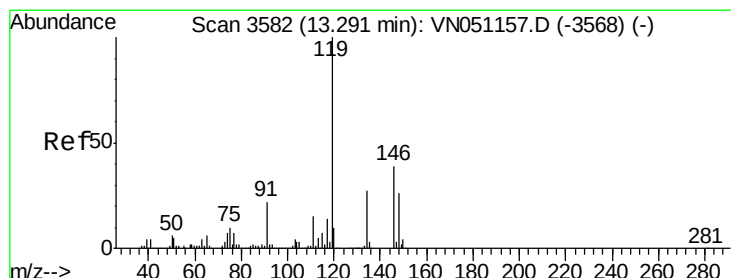
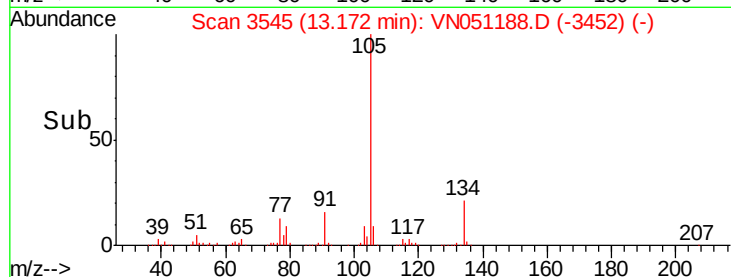
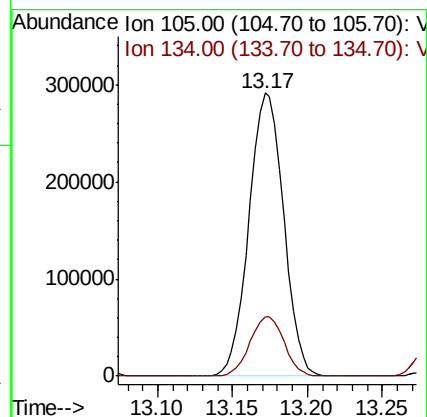
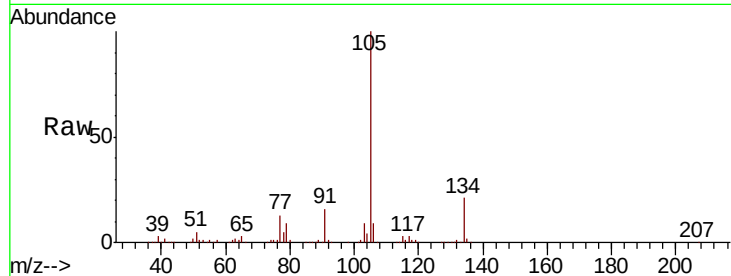
VN0914WBS02

Tot Ion:105 Resp: 470886

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 19.86 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

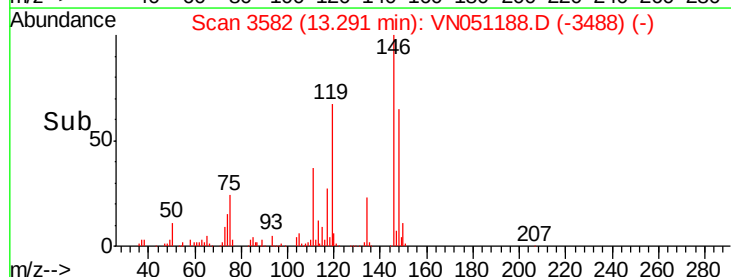
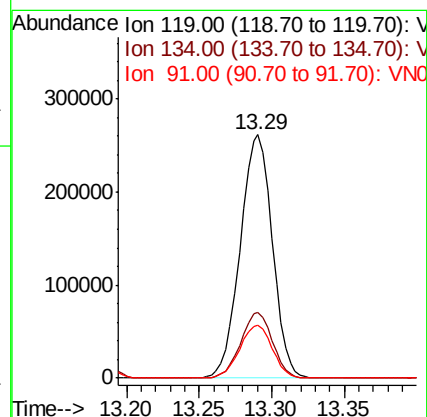
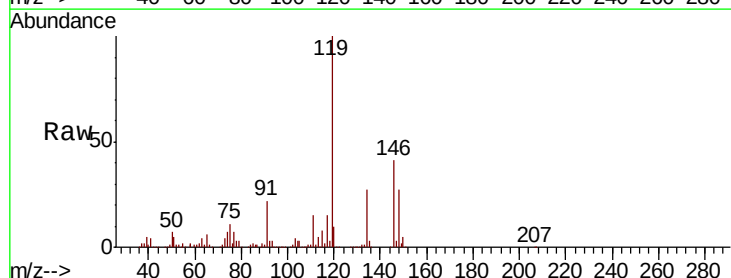
Tgt Ion:119 Resp: 400144

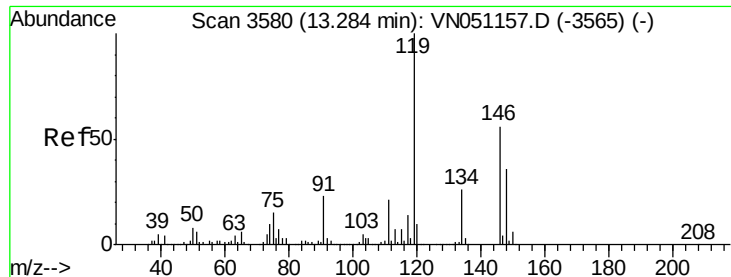
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.0 10.9 32.9

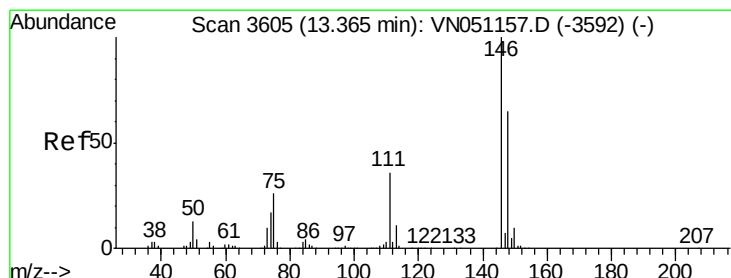
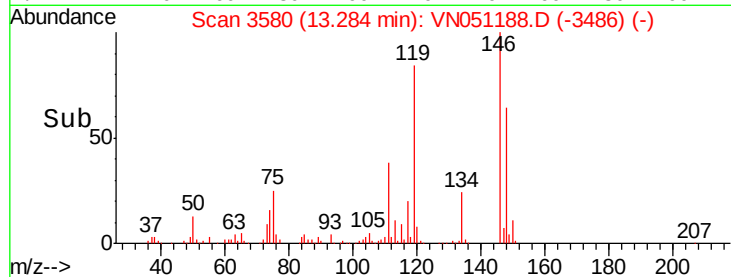
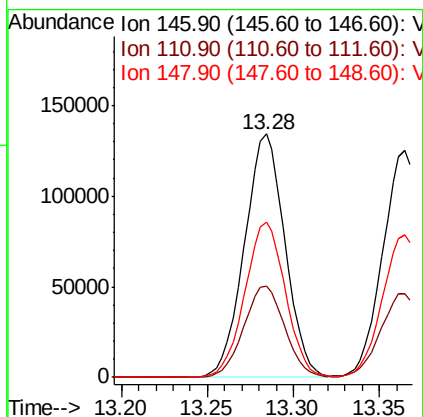
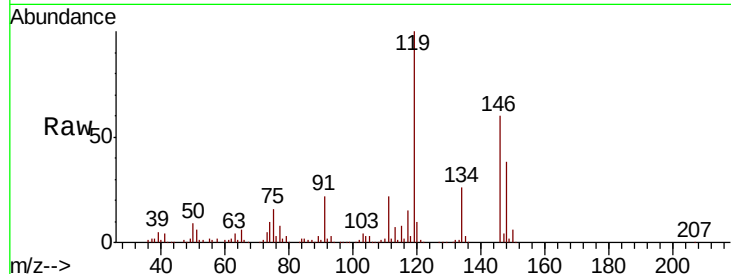




#87
 1,3-Dichlorobenzene
 Concen: 18.52 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

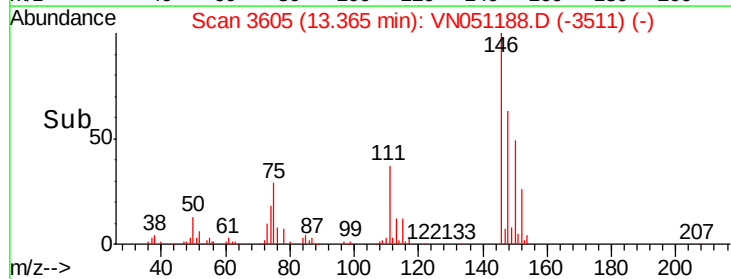
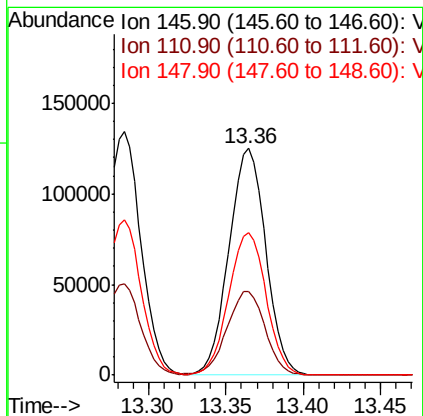
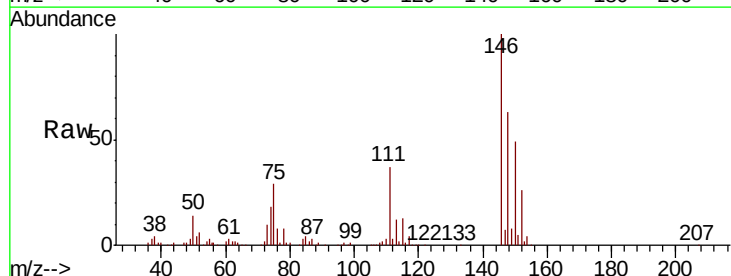
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

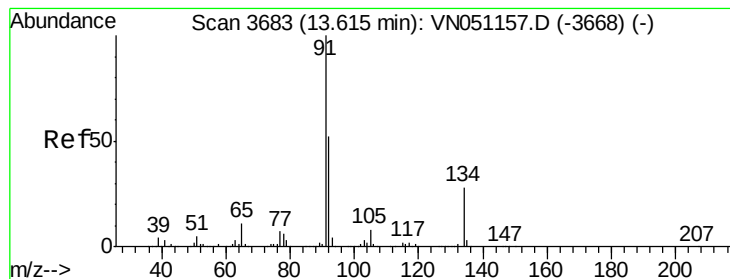
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	63.9	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.05 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.4	55.0
148	63.8	32.2	96.6





#89

n-Butylbenzene

Concen: 17.34 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS02

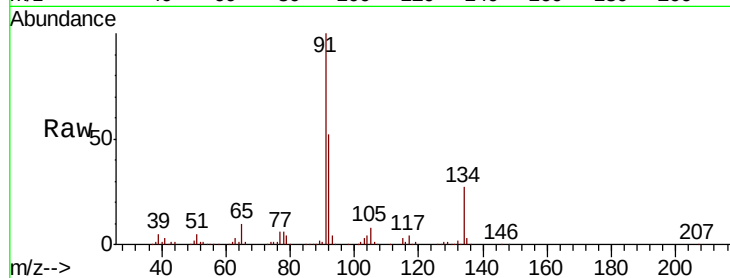
Tot Ion: 91 Resp: 271854

Ion Ratio Lower Upper

91 100

92 51.7 26.2 78.6

134 26.2 13.7 41.1

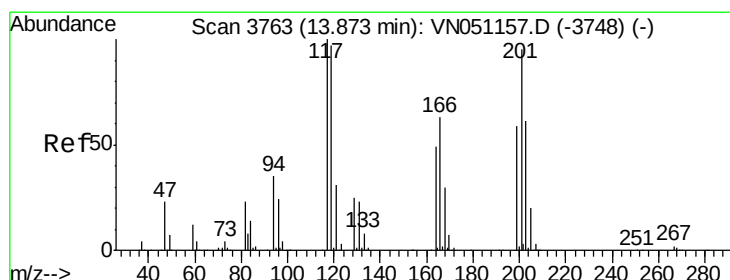
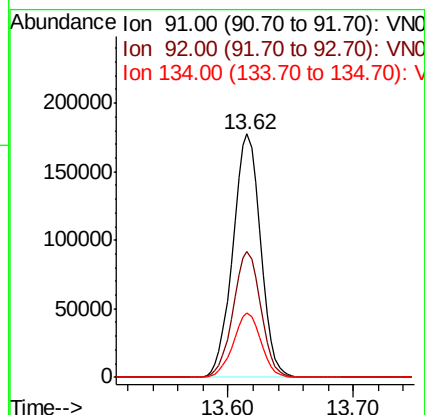
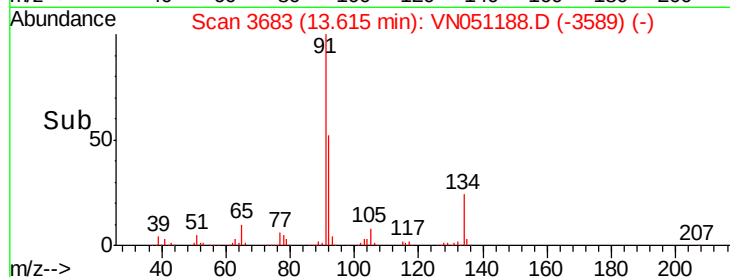


Abundance Ion 91.00 (90.70 to 91.70): VN051157.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN051157.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN051157.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 21.33 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN051188.D

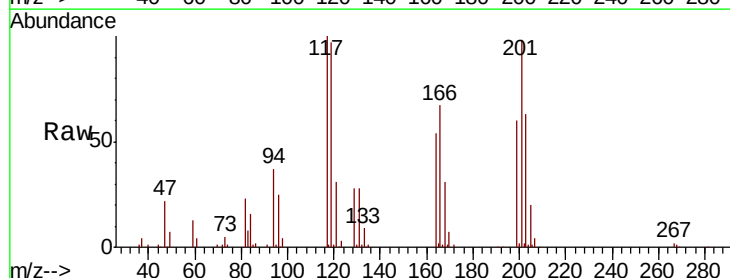
Acq: 14 Sep 2018 14:22

Tgt Ion: 117 Resp: 79539

Ion Ratio Lower Upper

117 100

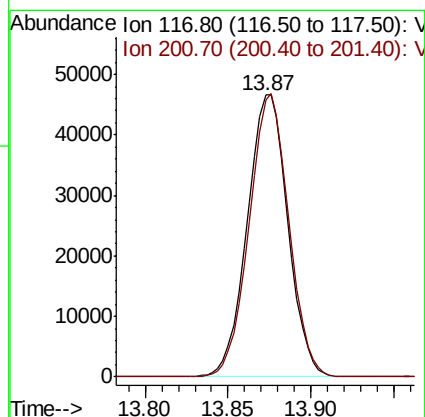
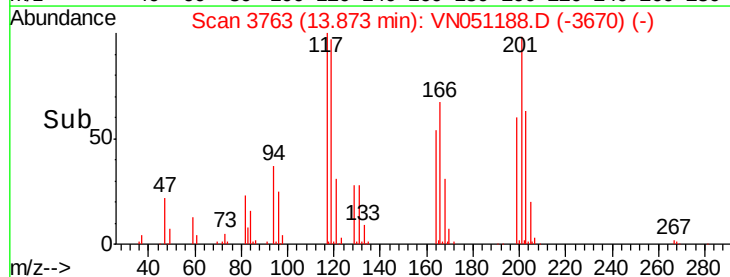
201 97.7 47.3 142.0

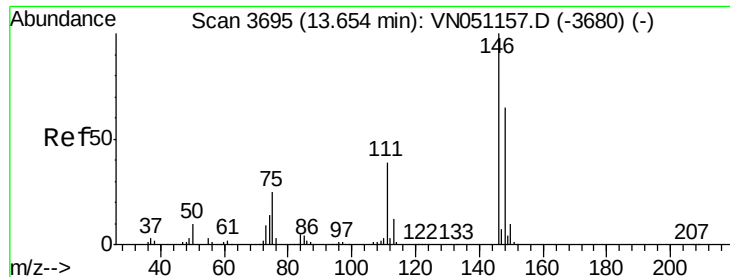


Abundance Ion 116.80 (116.50 to 117.50): VN051157.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051157.D (-3748) (-)

Time-->

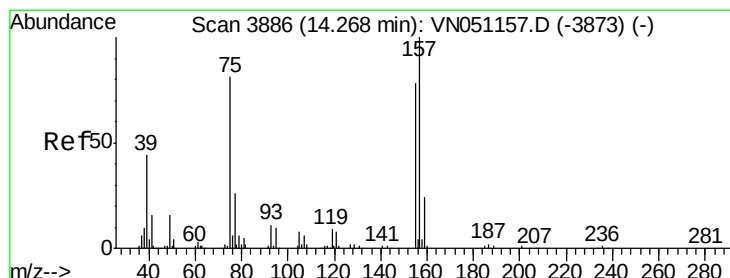
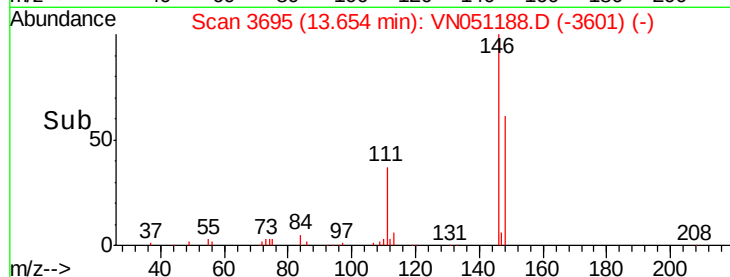
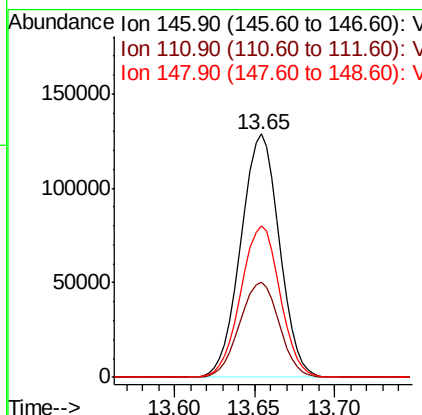
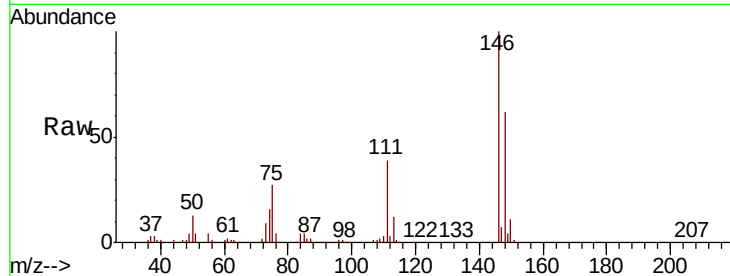




#91
 1,2-Dichlorobenzene
 Concen: 18.38 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

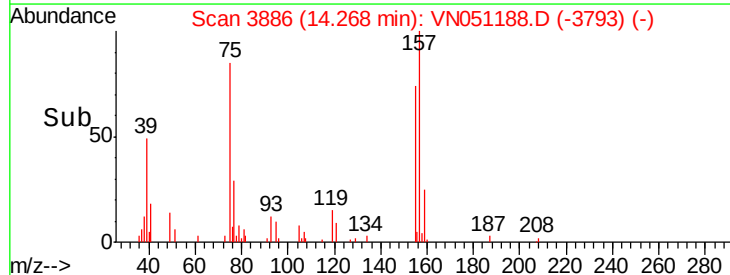
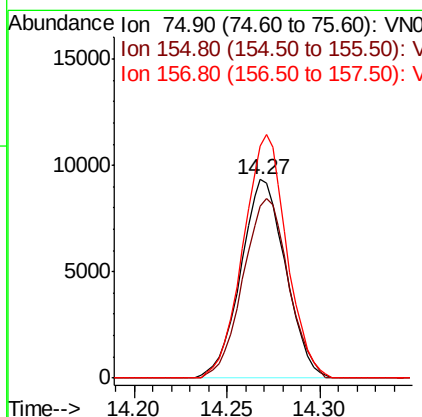
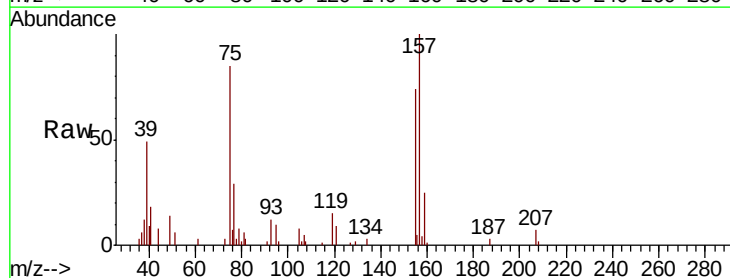
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

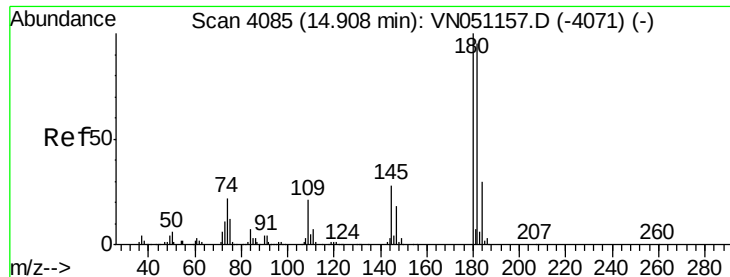
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.0
148	63.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.18 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	48.7	146.1
157	118.5	63.6	190.9

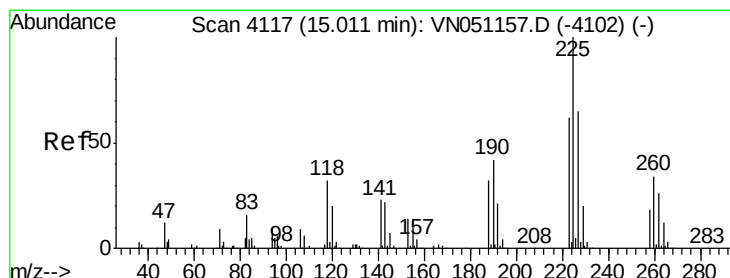
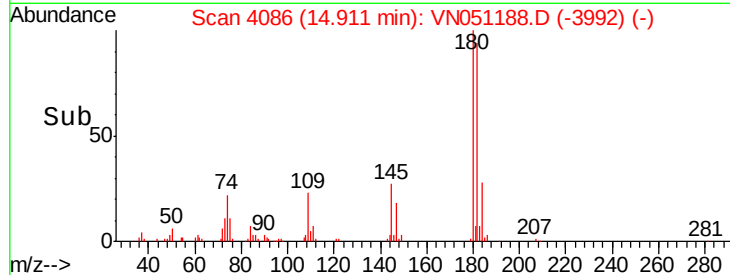
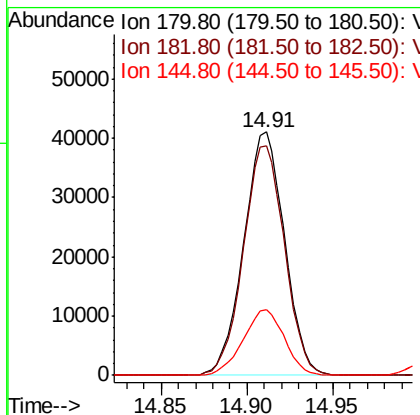
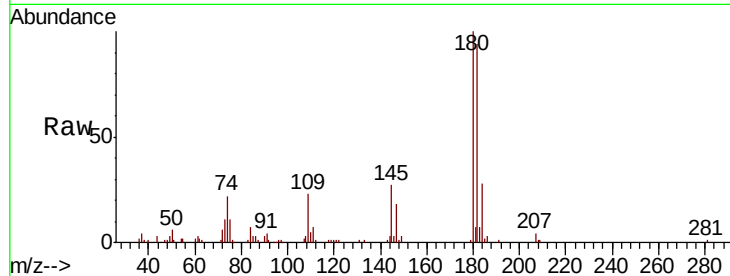




#93
 1,2,4-Trichlorobenzene
 Concen: 15.16 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

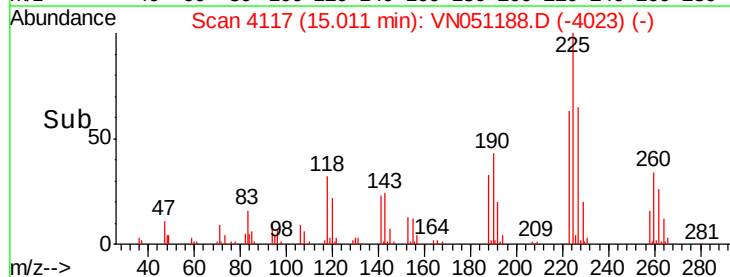
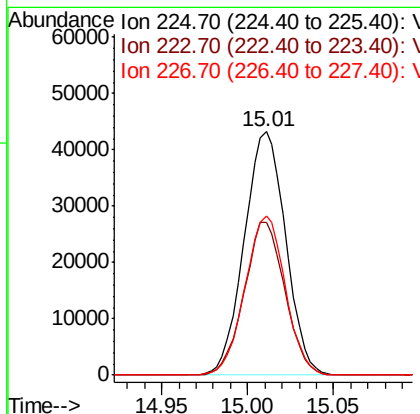
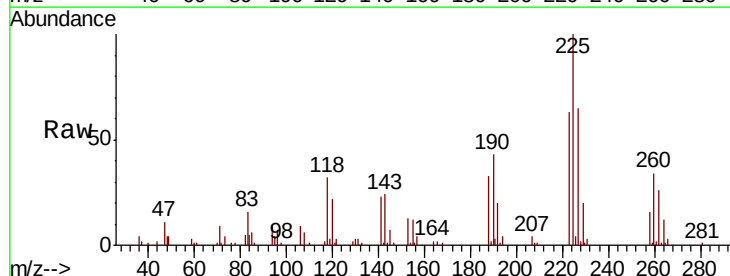
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS02

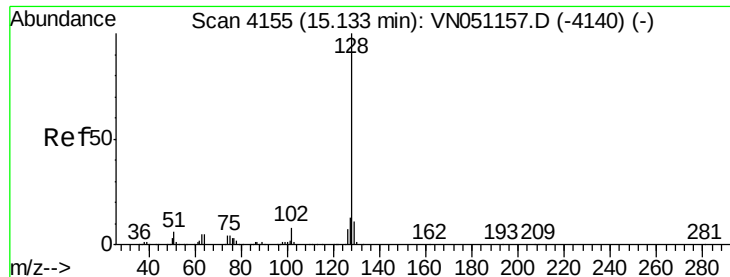
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	27.2	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 20.48 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051188.D
 Acq: 14 Sep 2018 14:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.4	94.0
227	63.4	32.1	96.3





#95

Naphthalene

Concen: 14.05 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Instrument :

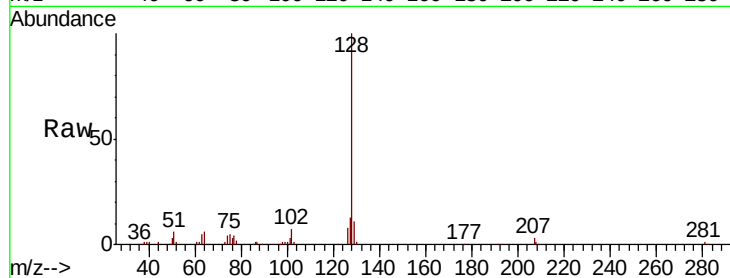
MSVOA_N

ClientSampleId :

VN0914WBS02

Tot Ion:128 Resp: 113547

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	8.6	12.8

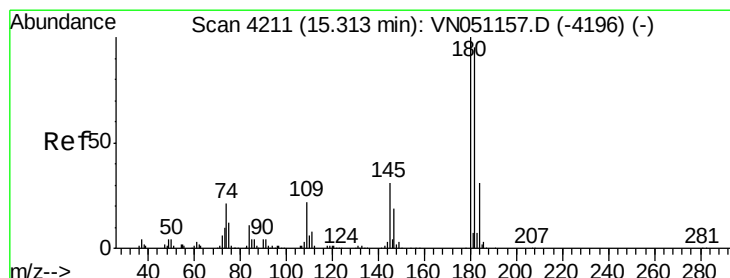
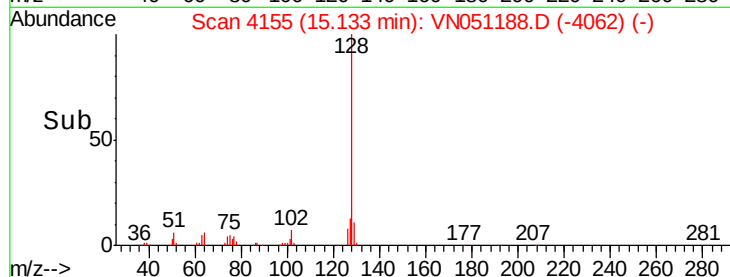
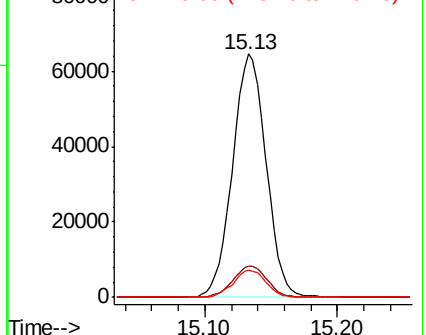


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.80 ug/l

RT: 15.32 min Scan# 4212

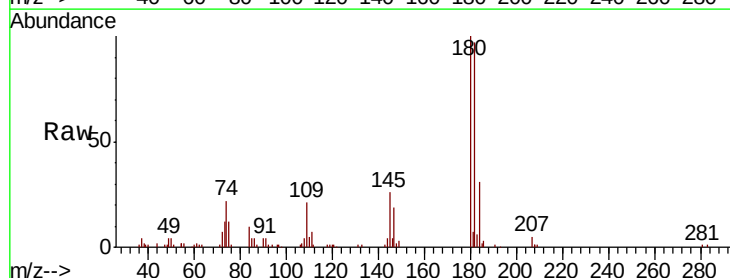
Delta R.T. 0.00 min

Lab File: VN051188.D

Acq: 14 Sep 2018 14:22

Tgt Ion:180 Resp: 72651

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	28.1	14.6	43.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

