

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072318\
 Data File : VN050003.D
 Acq On : 23 Jul 2018 10:45
 Operator : MD\SY
 Sample : VN0723WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Quant Time: Jul 24 04:12:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	580935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	854152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	768938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389803	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	387654	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	7.59	113	343491	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.09	98	1219334	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.40	95	411531	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	91978	16.402	ug/l	96
3) Chloromethane	2.06	50	120308	15.172	ug/l	99
4) Vinyl Chloride	2.18	62	134225	15.870	ug/l	99
5) Bromomethane	2.56	94	86318	16.995	ug/l	99
6) Chloroethane	2.70	64	90060	16.305	ug/l	100
7) Trichlorofluoromethane	3.01	101	196703	16.918	ug/l	98
8) Diethyl Ether	3.41	74	74949	18.477	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	127372	17.767	ug/l	100
10) Methyl Iodide	3.95	142	136853	14.229	ug/l	98
11) Tert butyl alcohol	4.81	59	54534	95.870	ug/l	100
12) 1,1-Dichloroethene	3.73	96	107403	17.054	ug/l	99
13) Acrolein	3.61	56	20307	55.401	ug/l	95
14) Allyl chloride	4.32	41	178645	17.993	ug/l	98
15) Acrylonitrile	4.99	53	241466	96.521	ug/l	99
16) Acetone	3.82	43	195727	94.678	ug/l	96
17) Carbon Disulfide	4.04	76	268585	14.252	ug/l	100
18) Methyl Acetate	4.33	43	147359	22.226	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	339608	19.597	ug/l	99
20) Methylene Chloride	4.55	84	135167	17.193	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	116868	17.475	ug/l	99
22) Diisopropyl ether	5.96	45	403896	19.936	ug/l	100
23) Vinyl Acetate	5.90	43	1338815	94.180	ug/l	100
24) 1,1-Dichloroethane	5.85	63	243041	18.686	ug/l	99
25) 2-Butanone	6.84	43	287256	97.225	ug/l	98
26) 2,2-Dichloropropane	6.82	77	199148	19.678	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	139248	18.975	ug/l	99
28) Bromochloromethane	7.20	49	121183	20.630	ug/l	99
29) Tetrahydrofuran	7.22	42	179217	96.290	ug/l	99
30) Chloroform	7.37	83	253035	18.951	ug/l	99
31) Cyclohexane	7.65	56	180363	17.035	ug/l	# 92
32) 1,1,1-Trichloroethane	7.57	97	206403	17.885	ug/l	99
36) 1,1-Dichloropropene	7.79	75	169621	17.860	ug/l	99
37) Ethyl Acetate	6.94	43	122686	18.813	ug/l	99
38) Carbon Tetrachloride	7.77	117	184135	18.100	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072318\
 Data File : VN050003.D
 Acq On : 23 Jul 2018 10:45
 Operator : MD\SY
 Sample : VN0723WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Quant Time: Jul 24 04:12:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	166594	16.980	ug/l	97
40) Benzene	8.04	78	536703	18.541	ug/l	100
41) Methacrylonitrile	7.18	41	63846	19.529	ug/l	96
42) 1,2-Dichloroethane	8.13	62	181166	18.896	ug/l	99
43) Isopropyl Acetate	8.17	43	229317	20.127	ug/l	99
44) Trichloroethene	8.83	130	137826	18.159	ug/l	96
45) 1,2-Dichloropropane	9.12	63	148468	19.013	ug/l	99
46) Dibromomethane	9.21	93	90758	18.741	ug/l	96
47) Bromodichloromethane	9.40	83	192750	19.245	ug/l	96
48) Methyl methacrylate	9.20	41	107611	18.828	ug/l	99
49) 1,4-Dioxane	9.20	88	30515	376.371	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	631090	99.086	ug/l	100
52) Toluene	10.16	92	326665	18.919	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	187155	18.899	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	212535	19.419	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	135956	19.060	ug/l	99
56) Ethyl methacrylate	10.43	69	156715	17.812	ug/l	98
57) 1,3-Dichloropropane	10.71	76	214083	19.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	396703	94.422	ug/l	99
59) 2-Hexanone	10.75	43	418468	97.818	ug/l	98
60) Dibromochloromethane	10.90	129	146390	18.715	ug/l	99
61) 1,2-Dibromoethane	11.01	107	124890	18.738	ug/l	98
64) Tetrachloroethene	10.63	164	134160	19.416	ug/l	99
65) Chlorobenzene	11.44	112	361149	18.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	142797	19.082	ug/l	99
67) Ethyl Benzene	11.51	91	583227	18.609	ug/l	99
68) m/p-Xylenes	11.62	106	456400	38.470	ug/l	98
69) o-Xylene	11.95	106	218501	19.175	ug/l	97
70) Styrene	11.97	104	355667	19.270	ug/l	100
71) Bromoform	12.13	173	103839	19.397	ug/l #	96
73) Isopropylbenzene	12.25	105	584006	19.724	ug/l	100
74) N-amyl acetate	12.07	43	169041	18.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	170657	19.237	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	203183	27.787	ug/l #	100
77) Bromobenzene	12.53	156	157327	19.242	ug/l	99
78) n-propylbenzene	12.59	91	676117	20.085	ug/l	100
79) 2-Chlorotoluene	12.68	91	415128	20.084	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	481602	20.293	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44019	18.824	ug/l	97
82) 4-Chlorotoluene	12.77	91	409636	19.755	ug/l	98
83) tert-Butylbenzene	12.99	119	417779	20.045	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	494786	20.581	ug/l	100
85) sec-Butylbenzene	13.17	105	562522	20.424	ug/l	99
86) p-Isopropyltoluene	13.29	119	475463	20.250	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	271628	19.067	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	266373	18.650	ug/l	99
89) n-Butylbenzene	13.62	91	376338	19.412	ug/l	99
90) Hexachloroethane	13.88	117	97046	18.416	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	274334	19.586	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26332	19.211	ug/l	98

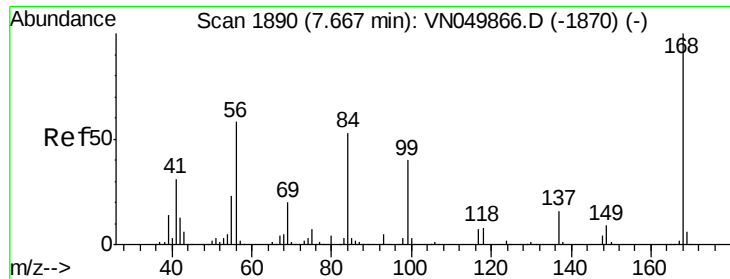
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072318\
Data File : VN050003.D
Acq On : 23 Jul 2018 10:45
Operator : MD\SY
Sample : VN0723WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Quant Time: Jul 24 04:12:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	121705	18.139	ug/l	99
94) Hexachlorobutadiene	15.01	225	86103	18.758	ug/l	99
95) Naphthalene	15.14	128	248745	16.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	127390	18.957	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleID :

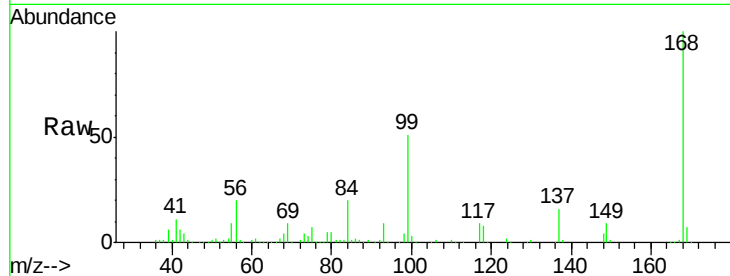
VN0723WBSD01

Tgt Ion:168 Resp: 580935

Ion Ratio Lower Upper

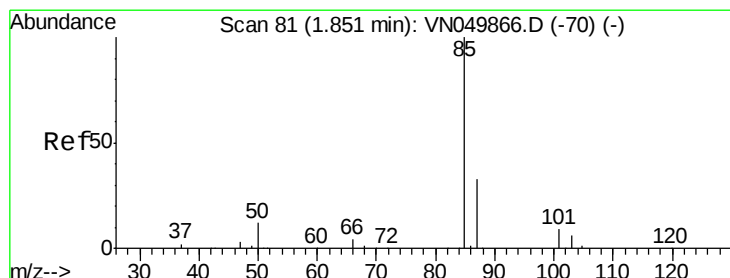
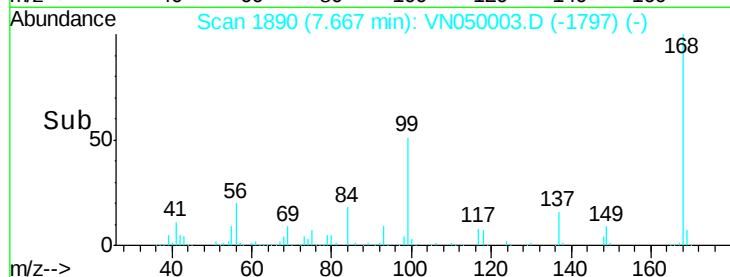
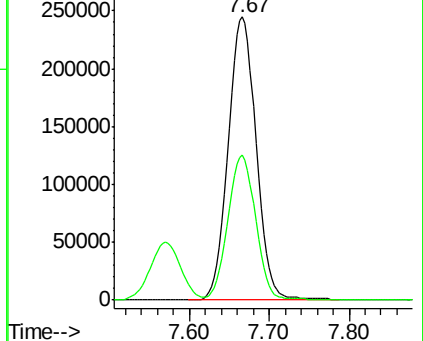
168 100

99 51.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.402 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050003.D

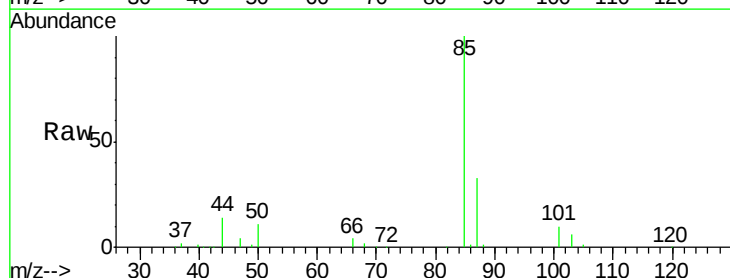
Acq: 23 Jul 2018 10:45

Tgt Ion: 85 Resp: 91978

Ion Ratio Lower Upper

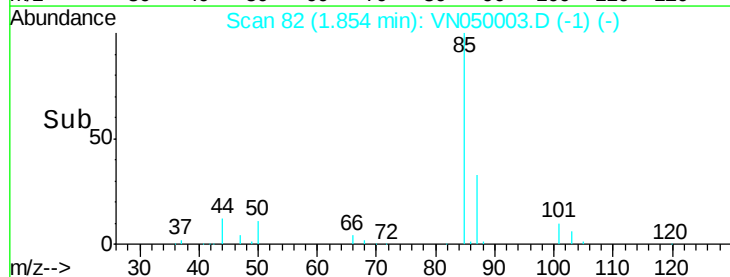
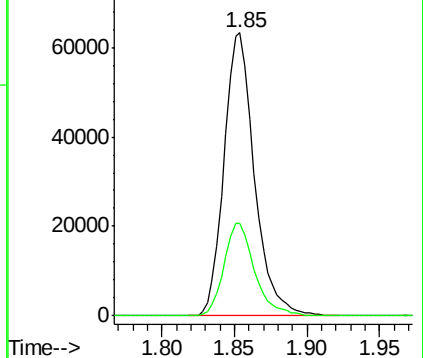
85 100

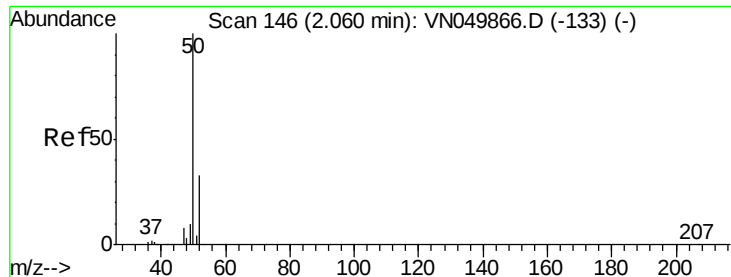
87 32.8 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 15.172 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

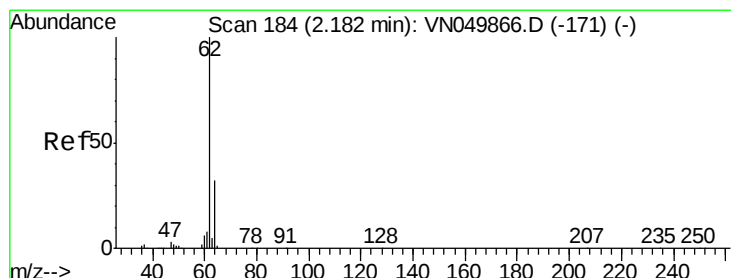
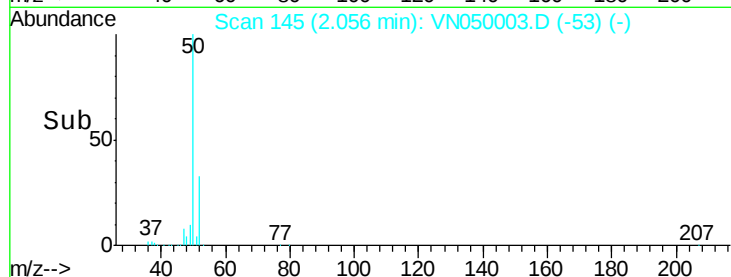
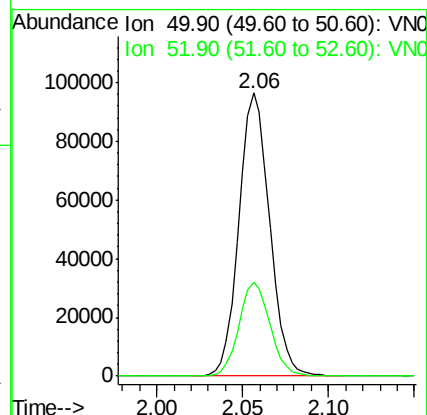
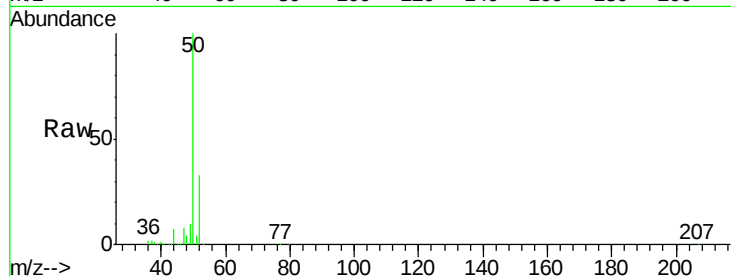
VN0723WBSD01

Tgt Ion: 50 Resp: 120308

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



#4

Vinyl Chloride

Concen: 15.870 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050003.D

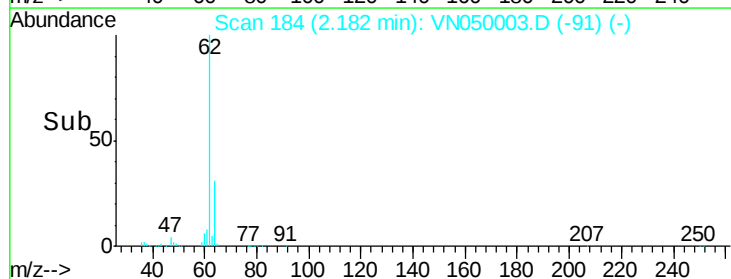
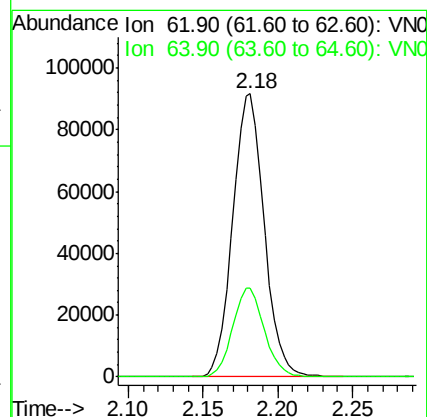
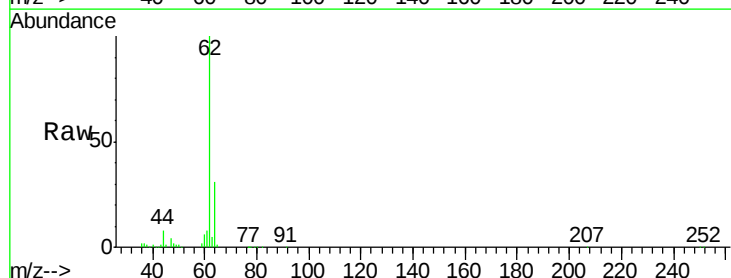
Acq: 23 Jul 2018 10:45

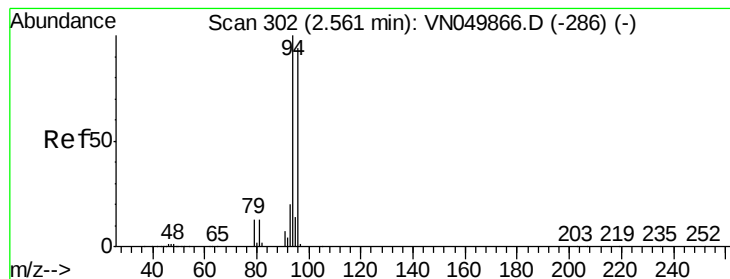
Tgt Ion: 62 Resp: 134225

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 16.995 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

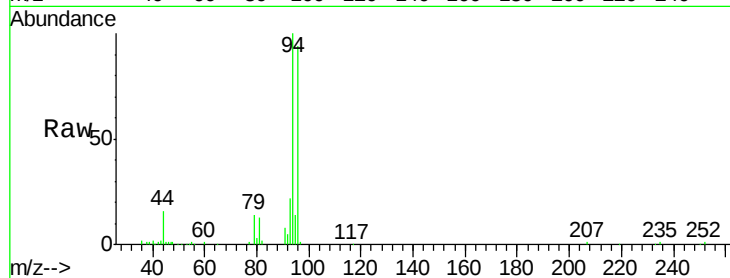
VN0723WBSD01

Tgt Ion: 94 Resp: 86318

Ion Ratio Lower Upper

94 100

96 94.0 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

40000

30000

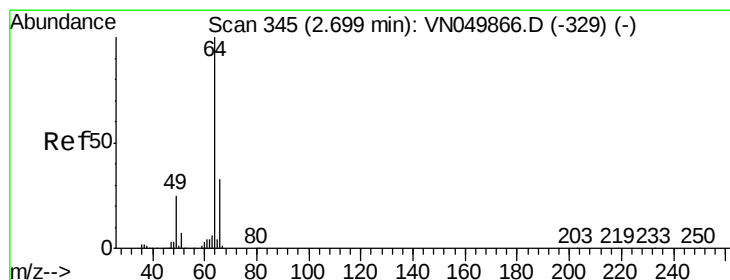
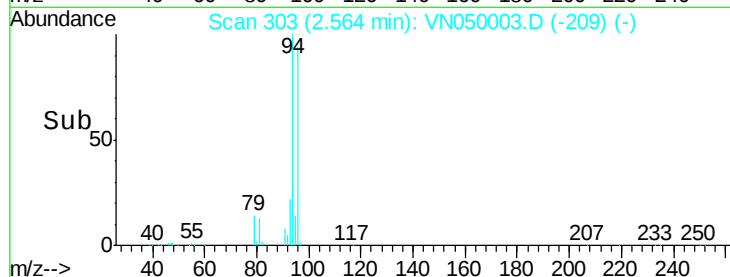
20000

10000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 16.305 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050003.D

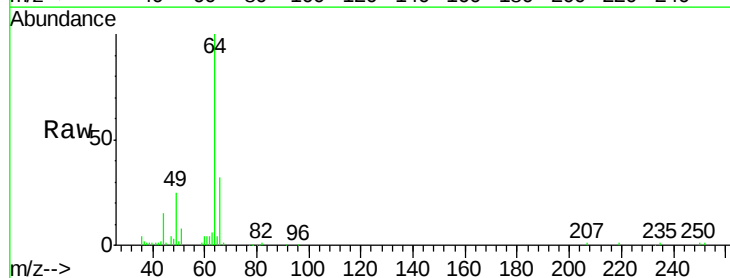
Acq: 23 Jul 2018 10:45

Tgt Ion: 64 Resp: 90060

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

50000

40000

30000

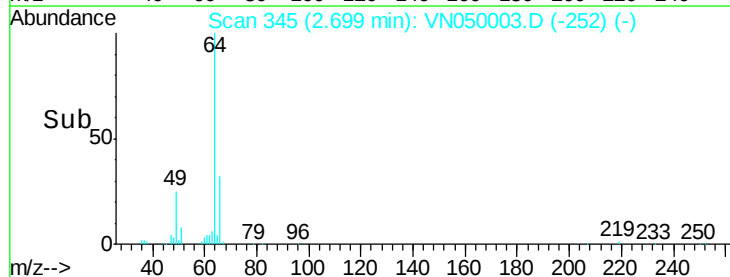
20000

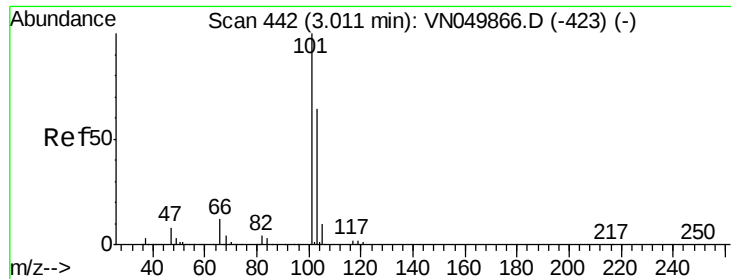
10000

0

Time-->

2.60 2.65 2.70 2.75 2.80



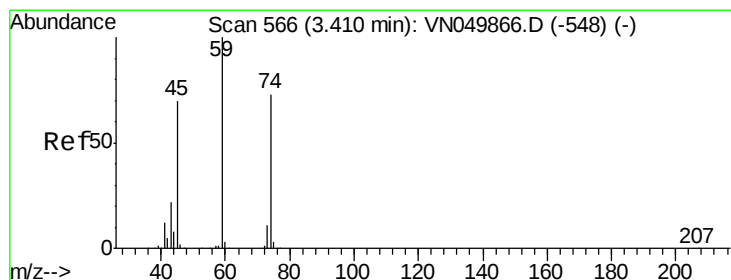
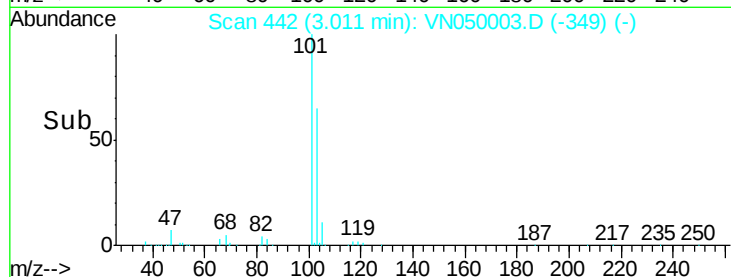
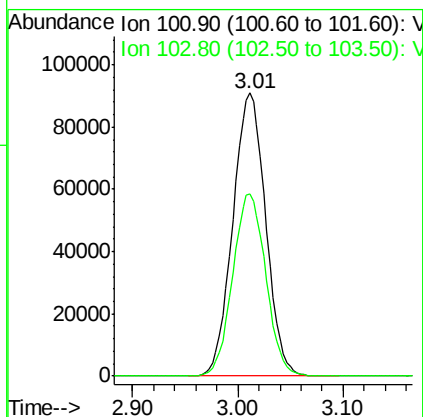
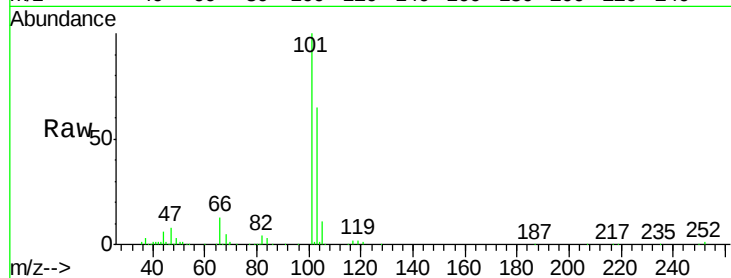


#7

Trichlorofluoromethane
 Concen: 16.918 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

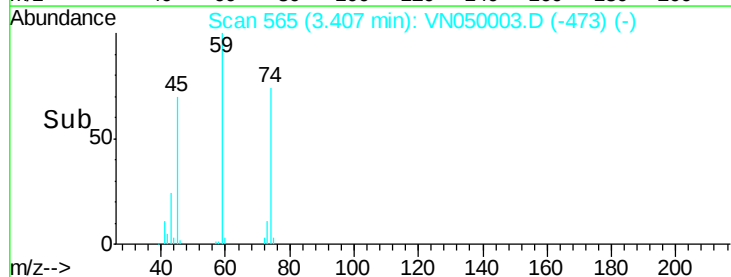
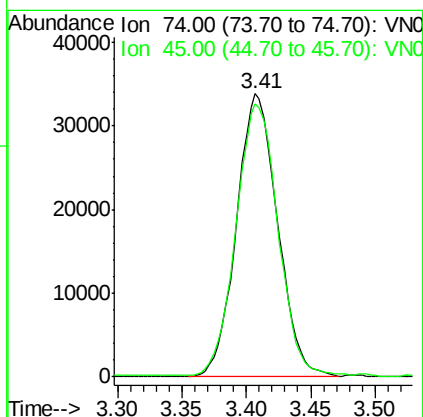
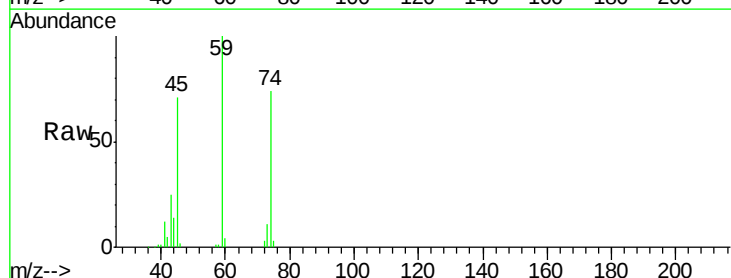
Tgt Ion:101 Resp: 196703
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2

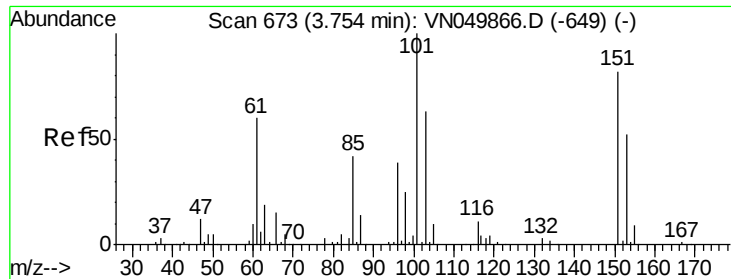


#8

Diethyl Ether
 Concen: 18.477 ug/l
 RT: 3.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion: 74 Resp: 74949
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.4 145.2

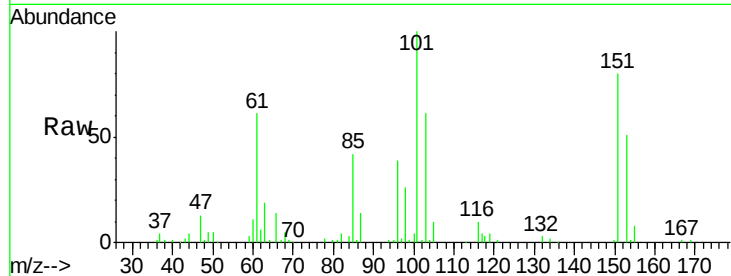




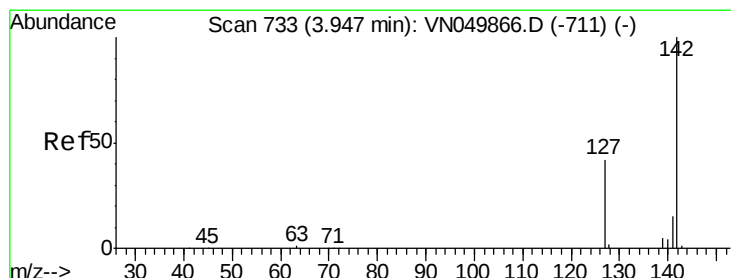
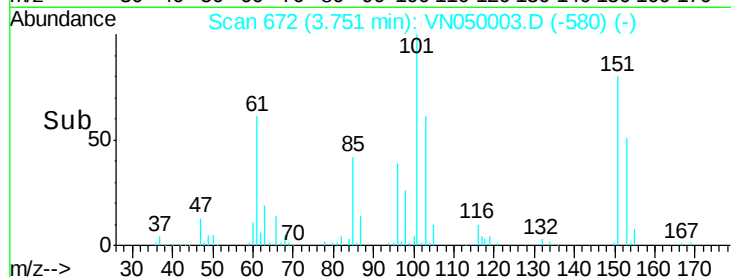
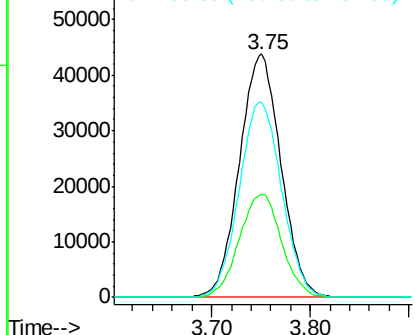
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.767 ug/l
 RT: 3.75 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Tgt Ion:101 Resp: 127372
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.4 51.6
 151 82.4 66.2 99.4

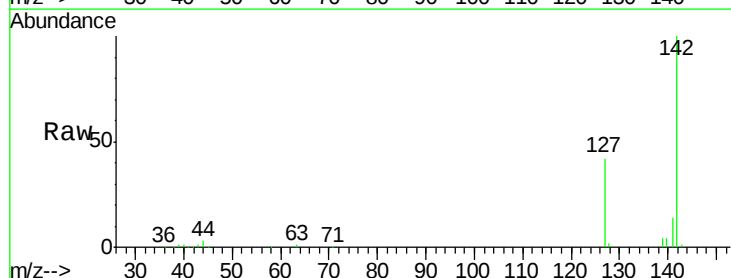


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

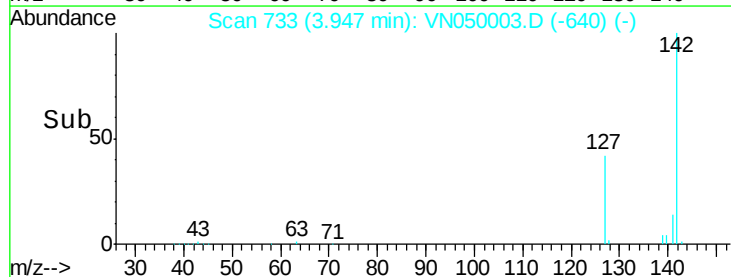
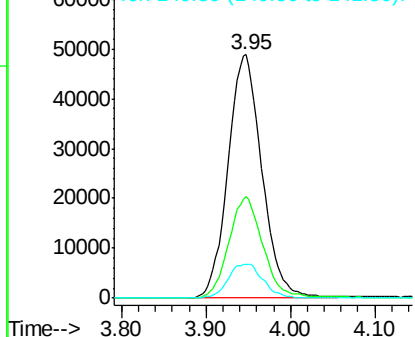


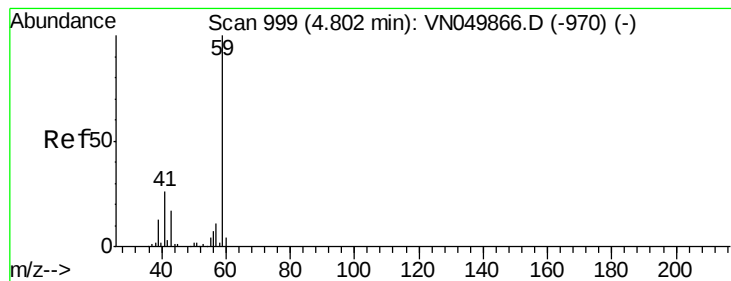
#10
 Methyl Iodide
 Concen: 14.229 ug/l
 RT: 3.95 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion:142 Resp: 136853
 Ion Ratio Lower Upper
 142 100
 127 41.7 32.5 48.7
 141 14.4 11.1 16.7



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: 95.870 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

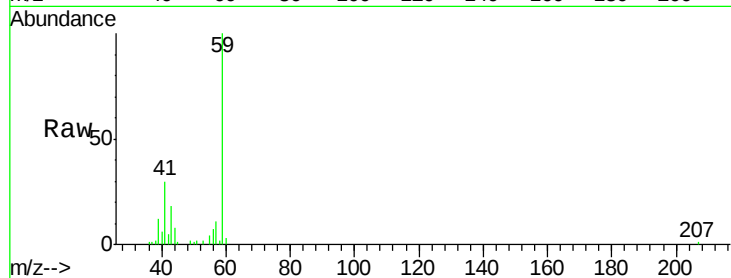
VN0723WBSD01

Tgt Ion: 59 Resp: 54534

Ion Ratio Lower Upper

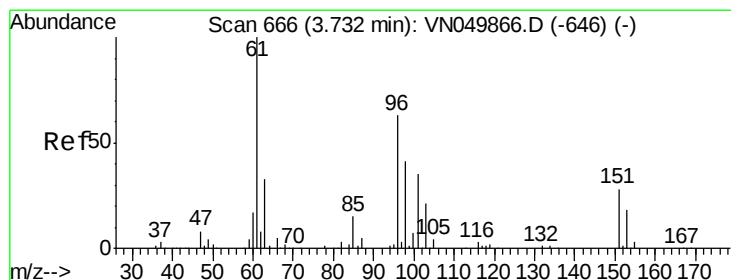
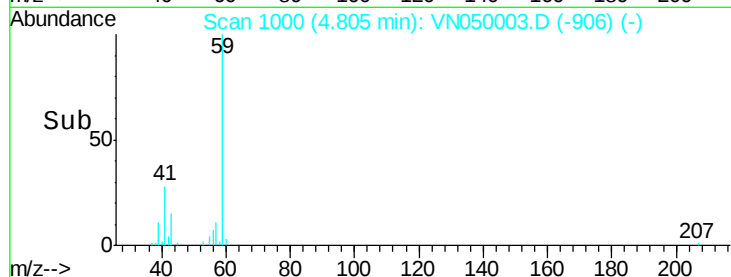
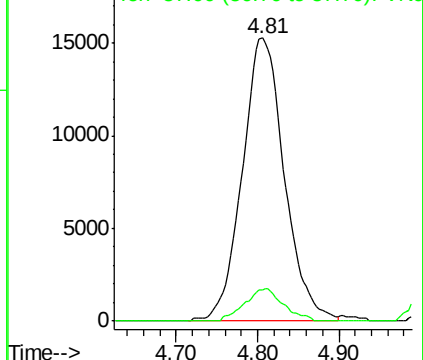
59 100

57 10.5 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.054 ug/l

RT: 3.73 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

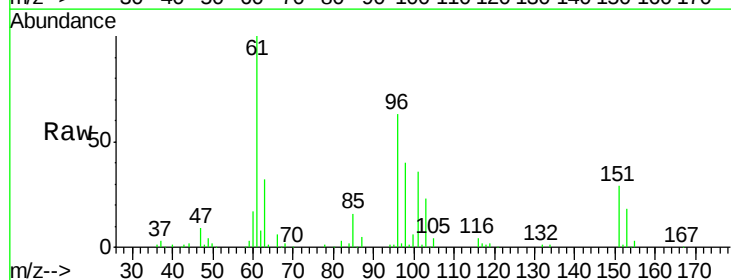
Tgt Ion: 96 Resp: 107403

Ion Ratio Lower Upper

96 100

61 159.0 126.5 189.7

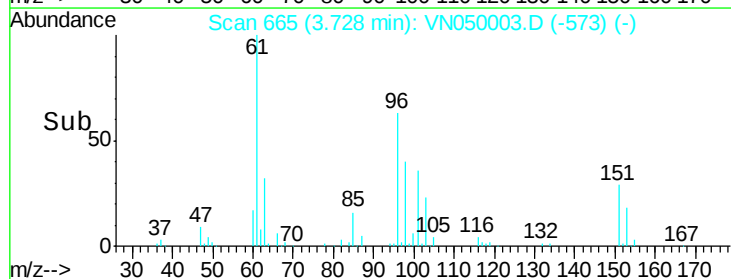
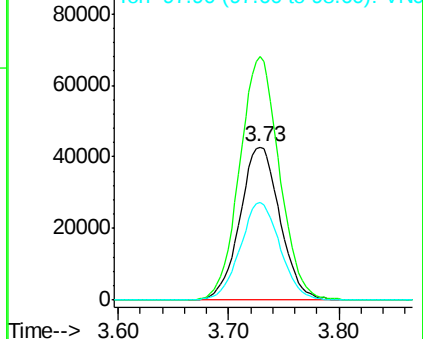
98 64.1 51.0 76.6

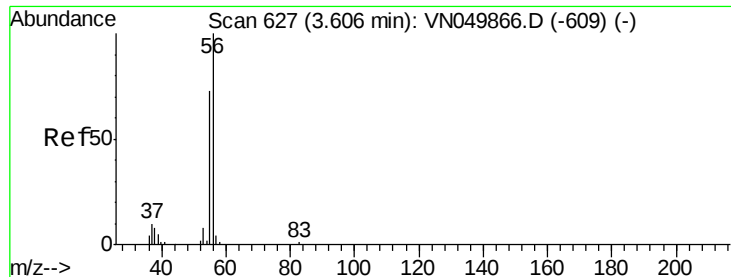


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 55.401 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

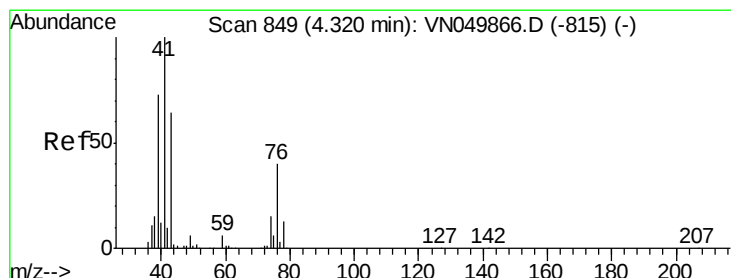
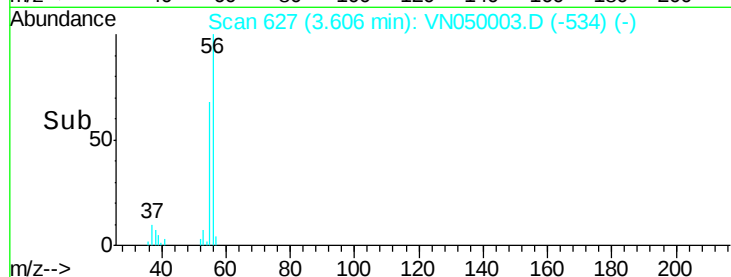
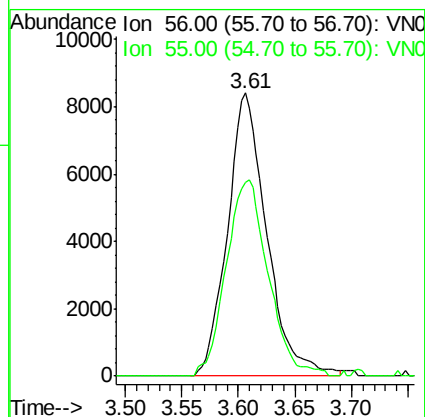
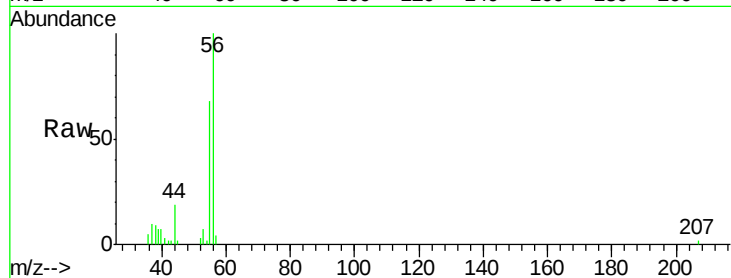
VN0723WBSD01

Tgt Ion: 56 Resp: 20307

Ion Ratio Lower Upper

56 100

55 74.1 55.8 83.8



#14

Allyl chloride

Concen: 17.993 ug/l

RT: 4.32 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

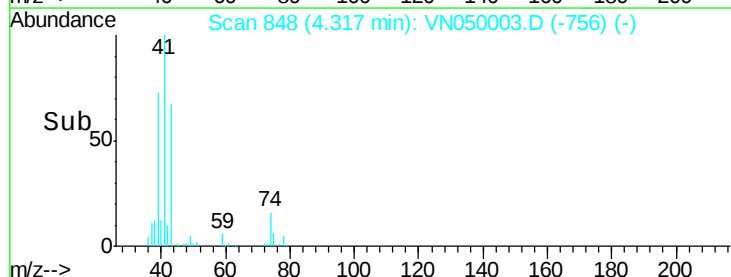
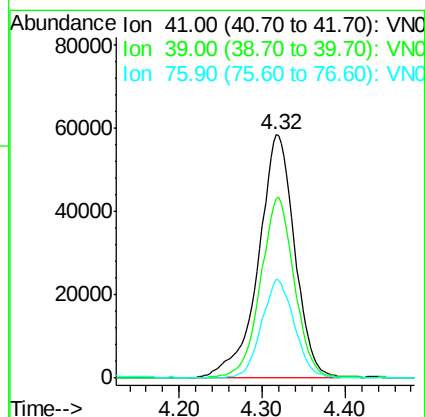
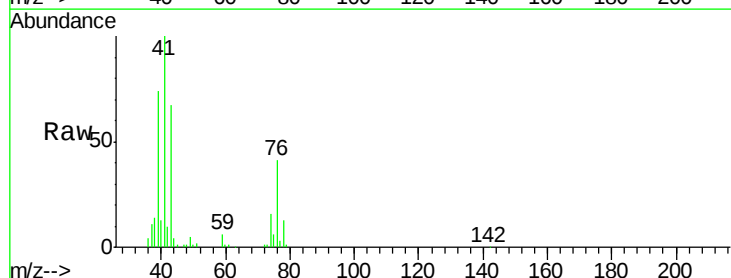
Tgt Ion: 41 Resp: 178645

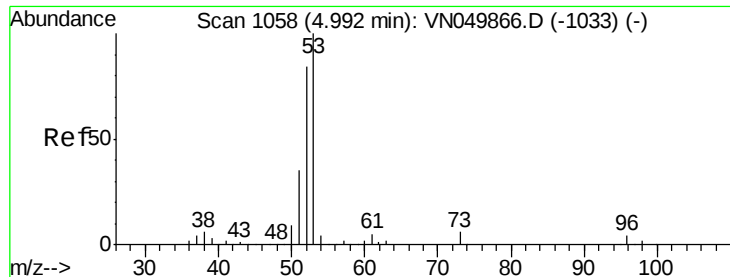
Ion Ratio Lower Upper

41 100

39 69.2 53.2 79.8

76 36.4 29.0 43.6





#15

Acrylonitrile

Concen: 96.521 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

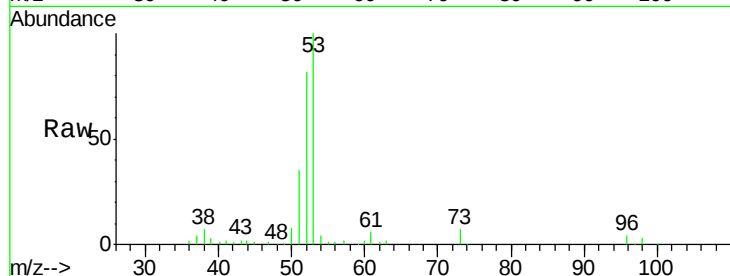
Tgt Ion: 53 Resp: 241466

Ion Ratio Lower Upper

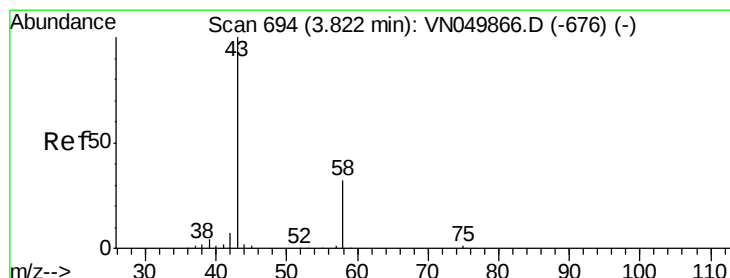
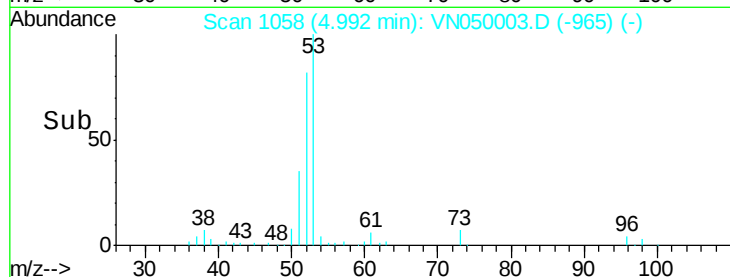
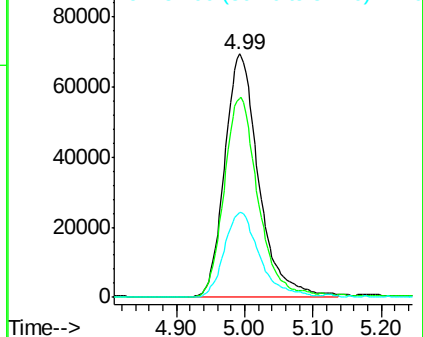
53 100

52 81.7 64.8 97.2

51 36.3 28.9 43.3



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: 94.678 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050003.D

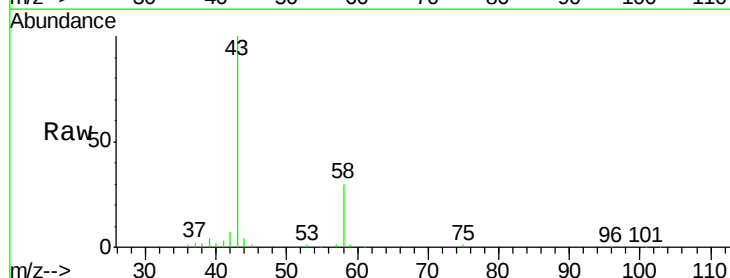
Acq: 23 Jul 2018 10:45

Tgt Ion: 43 Resp: 195727

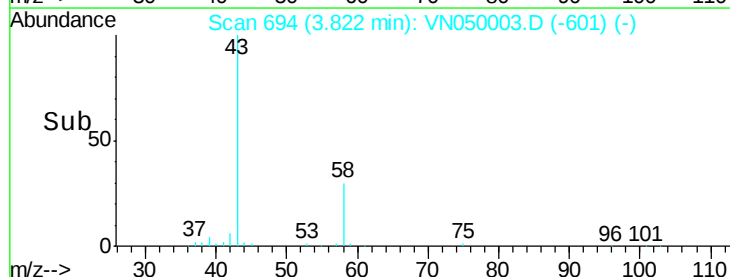
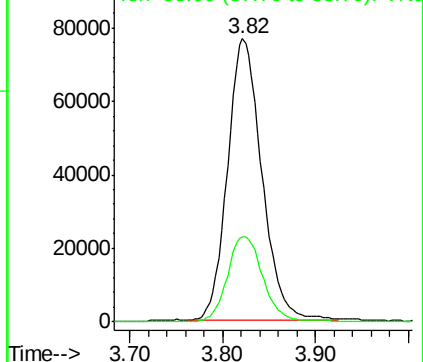
Ion Ratio Lower Upper

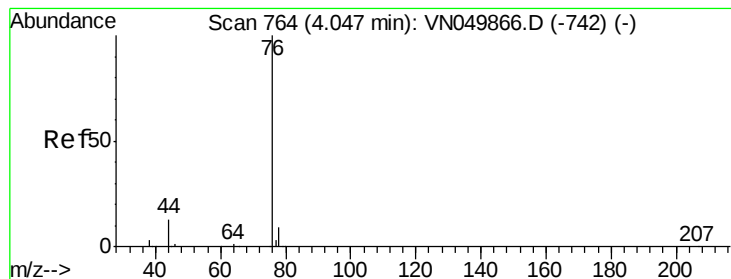
43 100

58 30.3 25.9 38.9



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





#17

Carbon Disulfide

Concen: 14.252 ug/l

RT: 4.04 min Scan# 763

Delta R.T. -0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

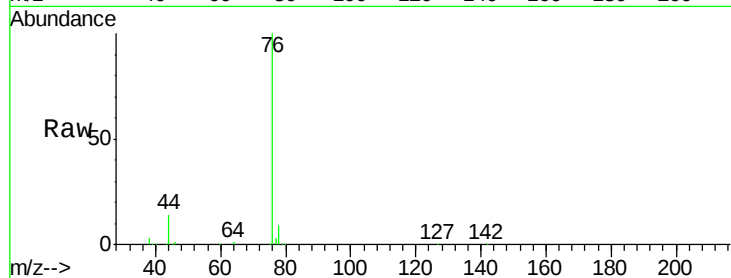
VN0723WBSD01

Tgt Ion: 76 Resp: 268585

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

100000

80000

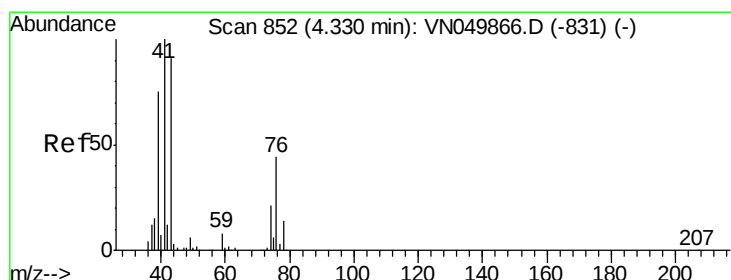
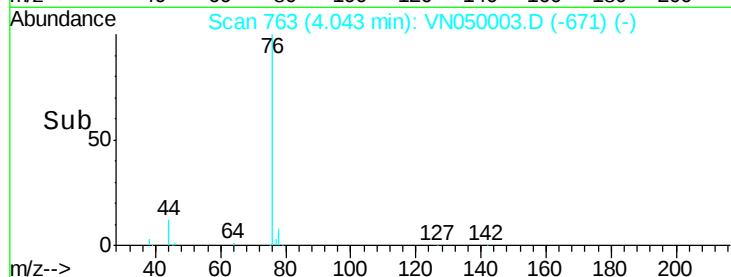
60000

40000

20000

0

Time--> 3.90 4.00 4.10



#18

Methyl Acetate

Concen: 22.226 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050003.D

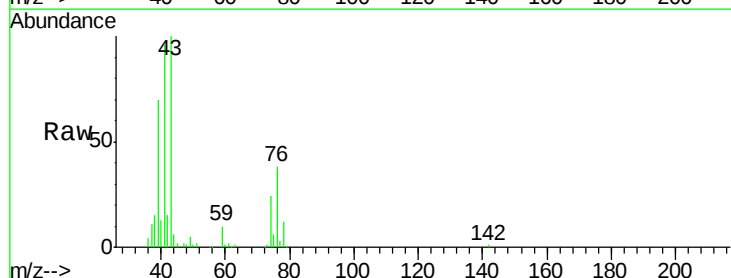
Acq: 23 Jul 2018 10:45

Tgt Ion: 43 Resp: 147359

Ion Ratio Lower Upper

43 100

74 23.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

60000

50000

40000

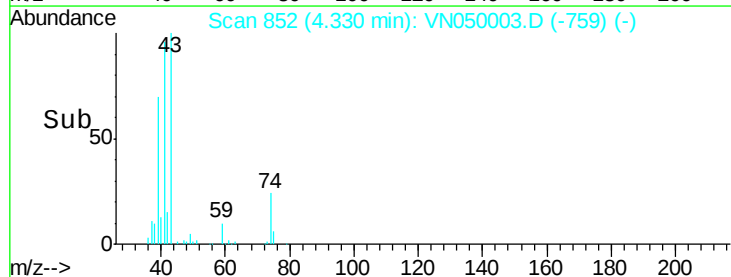
30000

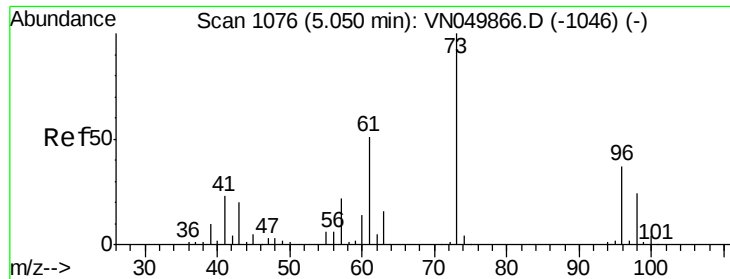
20000

10000

0

Time--> 4.20 4.30 4.40 4.50

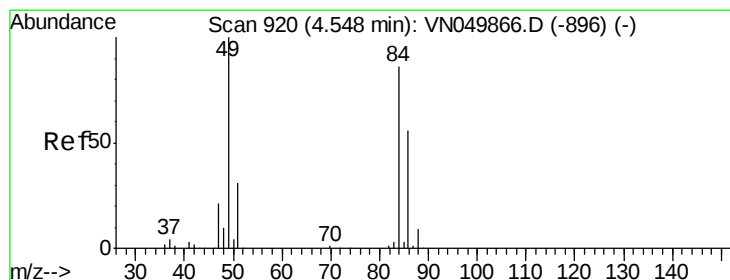
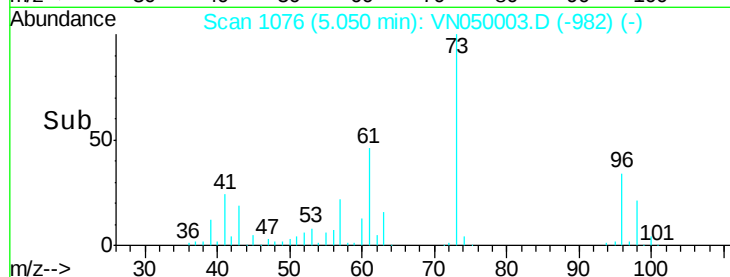
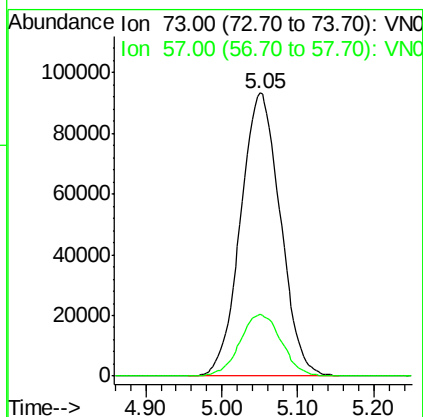
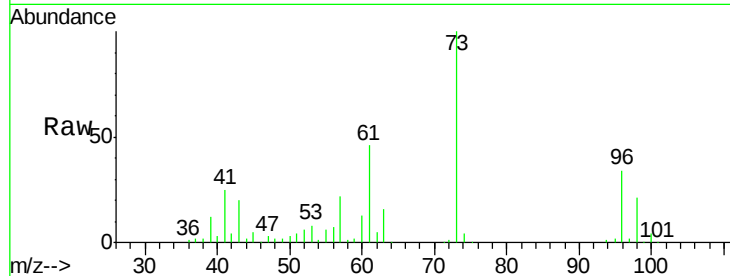




#19
Methyl tert-butyl Ether
Concen: 19.597 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

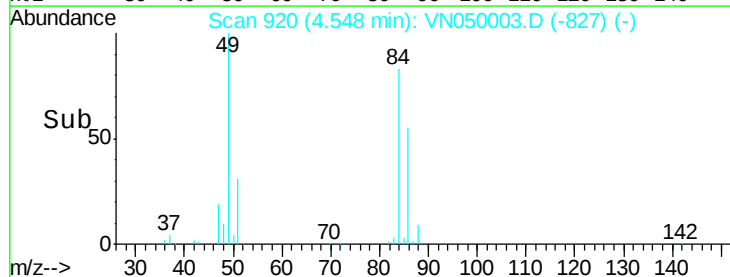
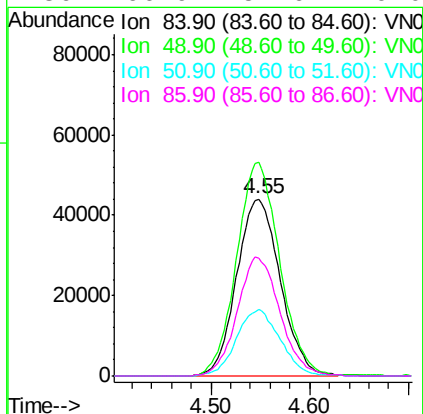
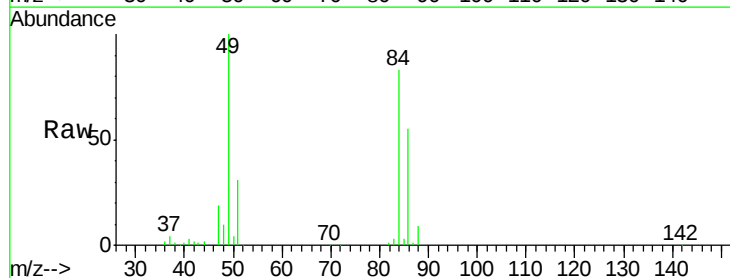
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

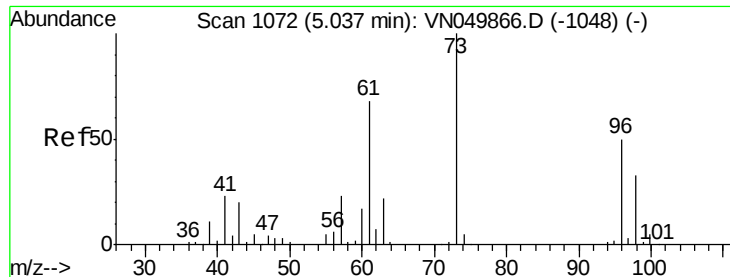
Tgt Ion: 73 Resp: 339608
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1



#20
Methylene Chloride
Concen: 17.193 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion: 84 Resp: 135167
Ion Ratio Lower Upper
84 100
49 120.8 95.4 143.2
51 37.4 28.4 42.6
86 66.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 17.475 ug/l

RT: 5.03 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

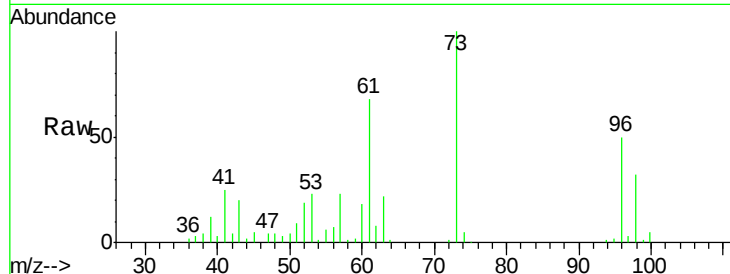
Tgt Ion: 96 Resp: 116868

Ion Ratio Lower Upper

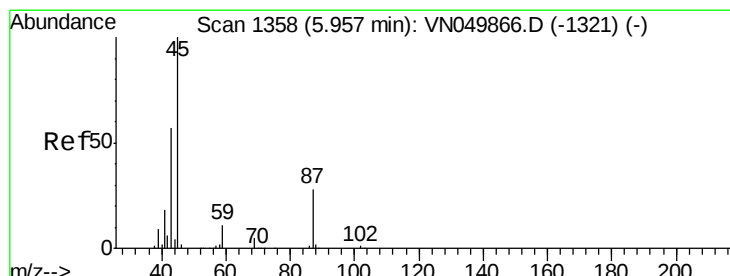
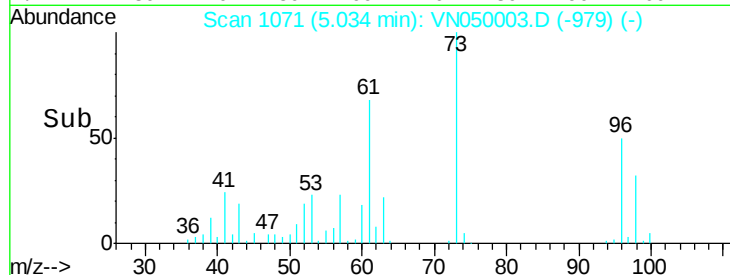
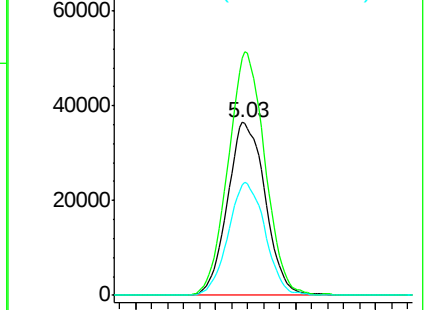
96 100

61 137.0 109.0 163.6

98 63.6 51.1 76.7



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: 19.936 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Tgt Ion: 45 Resp: 403896

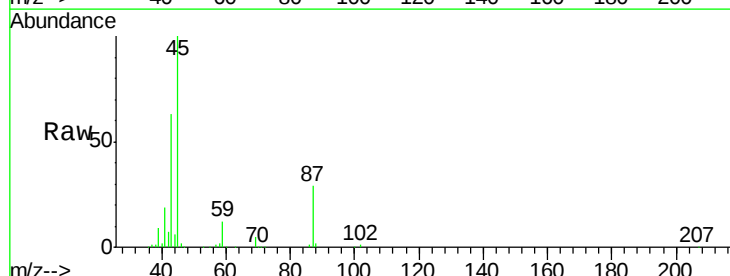
Ion Ratio Lower Upper

45 100

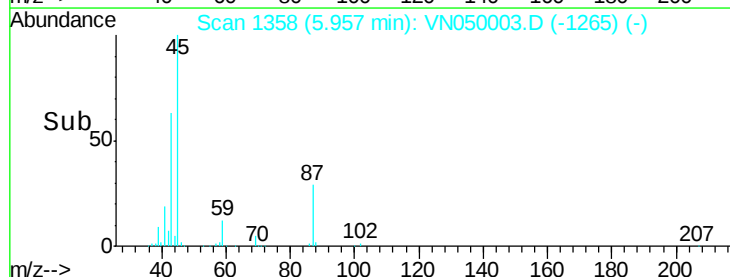
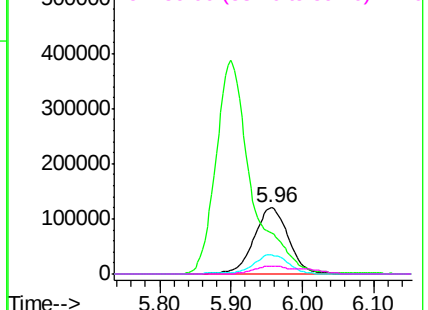
43 60.4 48.1 72.1

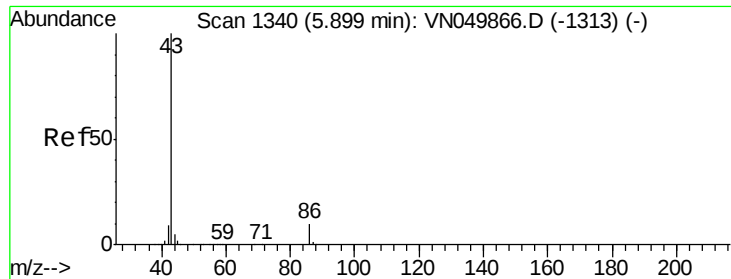
87 28.6 22.6 34.0

59 11.6 9.2 13.8



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

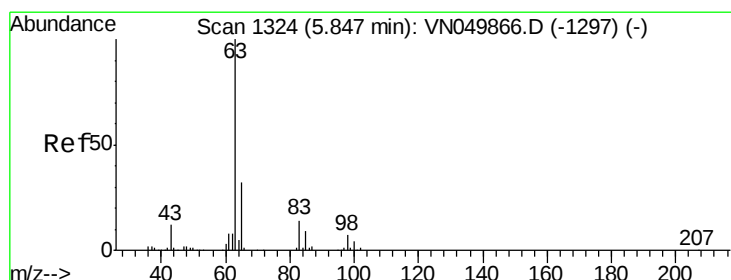
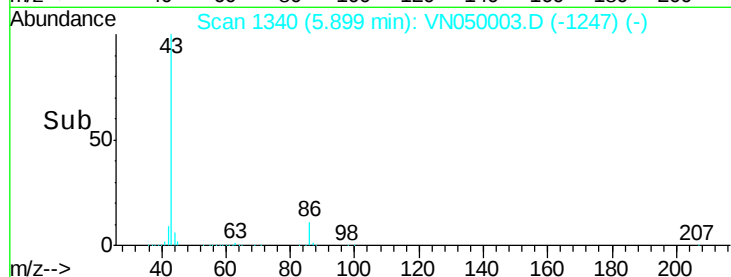
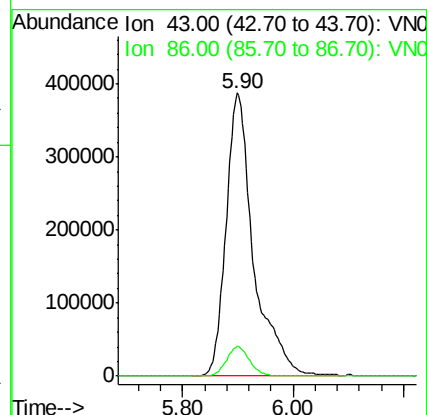
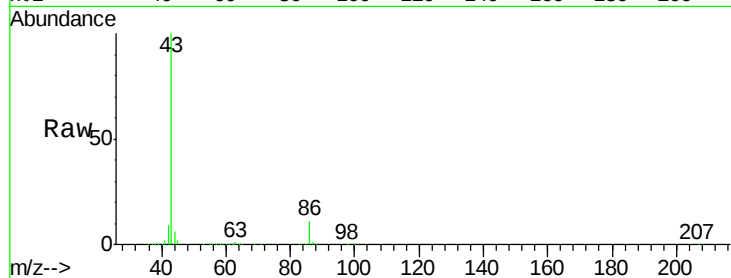




#23
 Vinyl Acetate
 Concen: 94.180 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

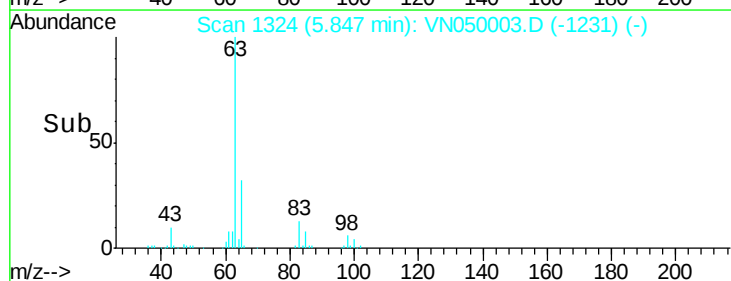
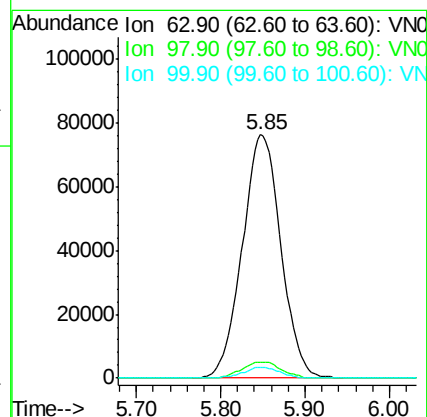
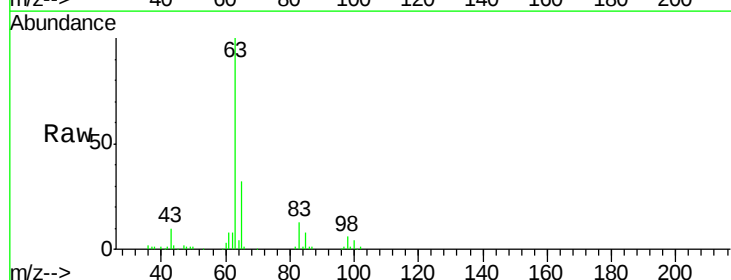
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

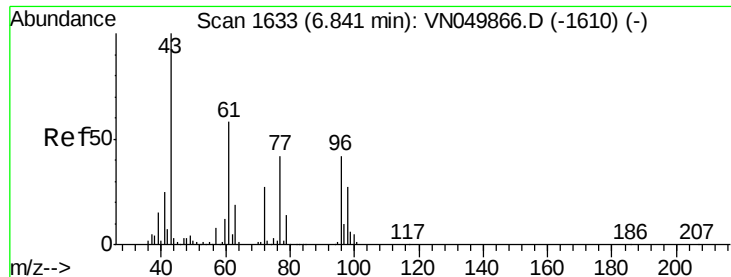
Tgt Ion: 43 Resp: 1338815
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 18.686 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion: 63 Resp: 243041
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 4.5 2.2 6.6

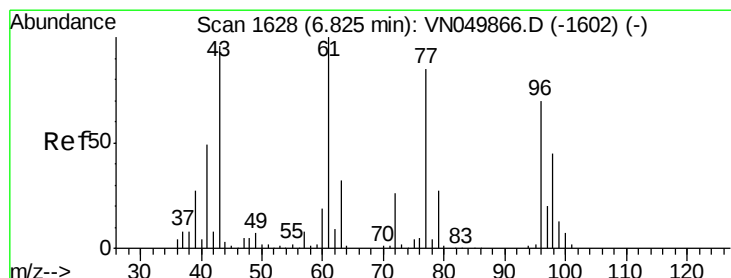
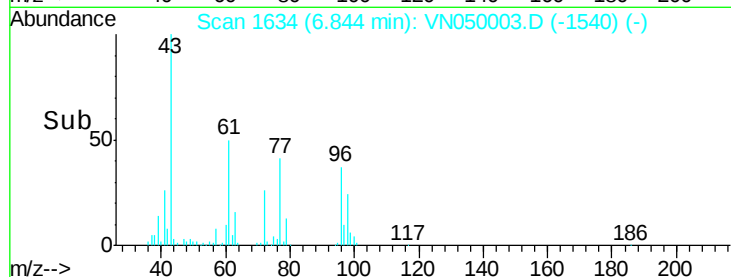
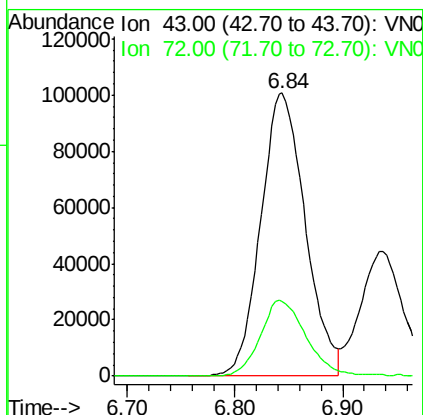
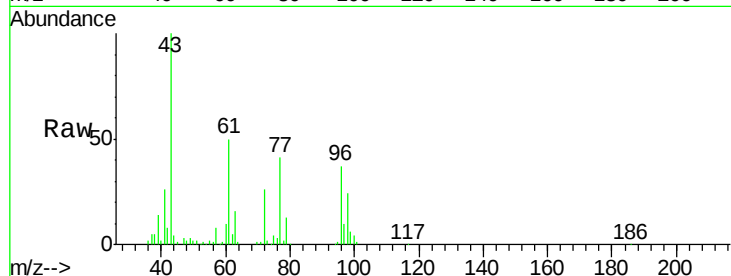




#25
2-Butanone
Concen: 97.225 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

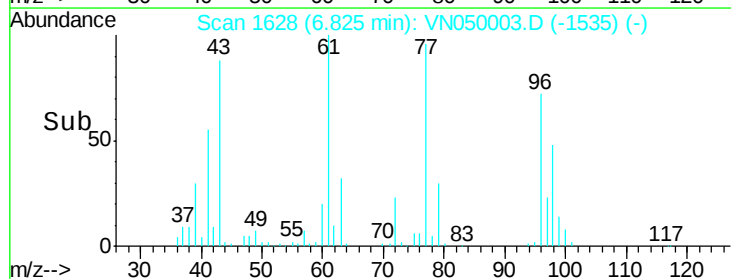
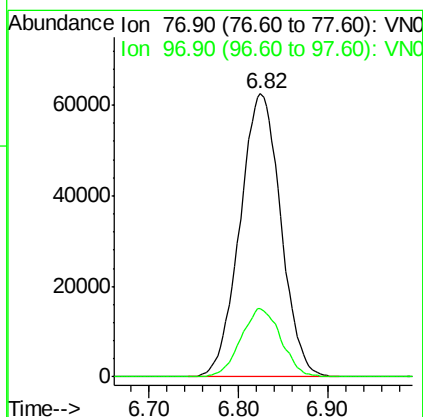
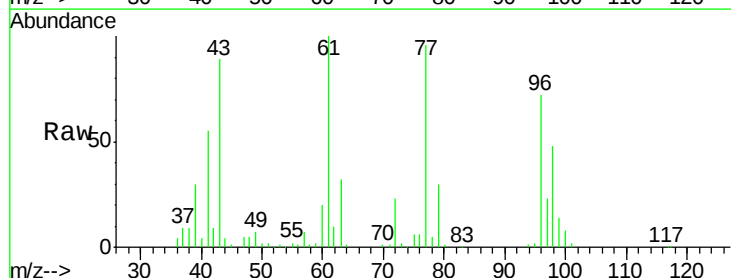
Instrument :
MSVOA_N
ClientSampled :
VN0723WBSD01

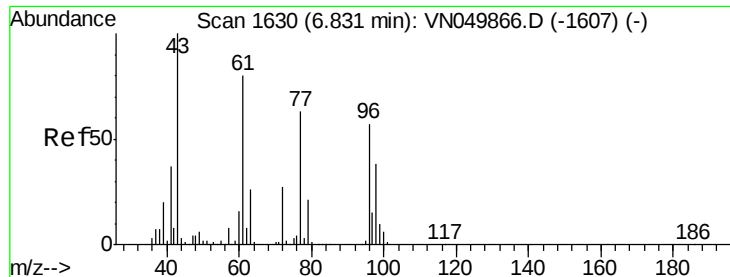
Tgt Ion: 43 Resp: 287256
Ion Ratio Lower Upper
43 100
72 26.3 22.1 33.1



#26
2,2-Dichloropropane
Concen: 19.678 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion: 77 Resp: 199148
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.975 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

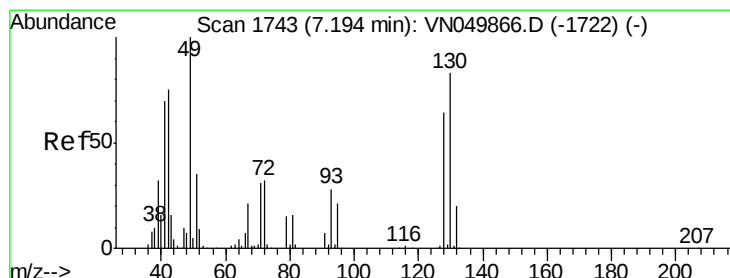
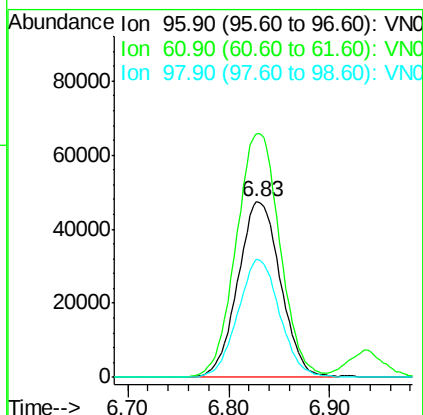
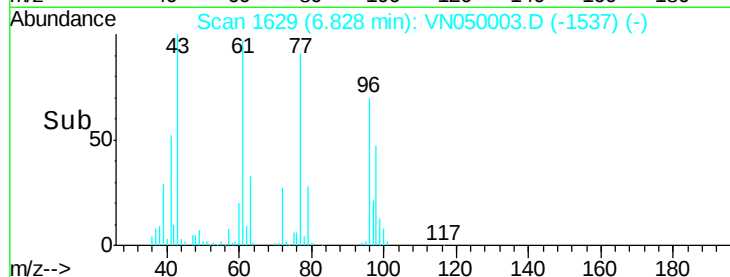
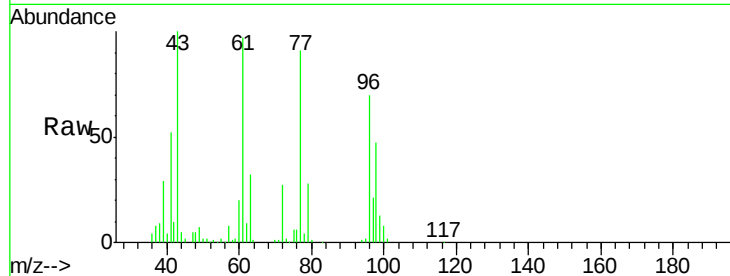
Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 96 Resp: 139248

Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	289.0
98	66.1	0.0	130.2



#28

Bromochloromethane

Concen: 20.630 ug/l

RT: 7.20 min Scan# 1744

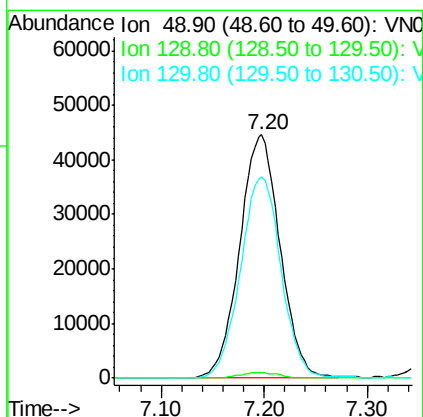
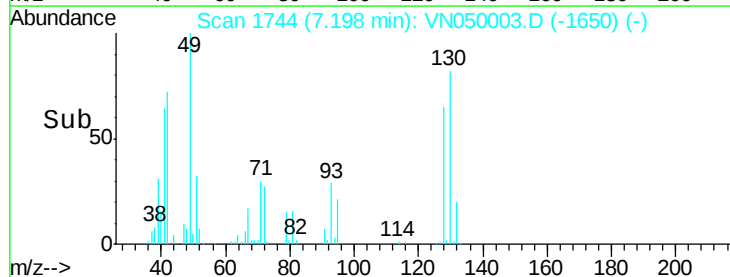
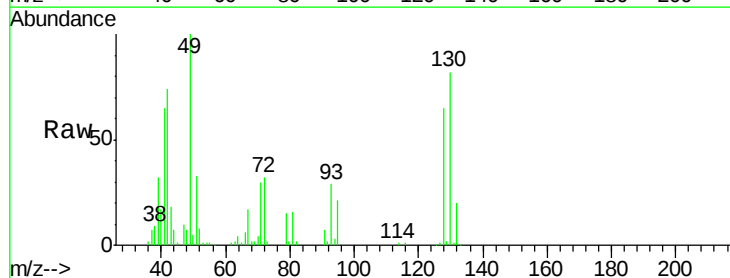
Delta R.T. 0.00 min

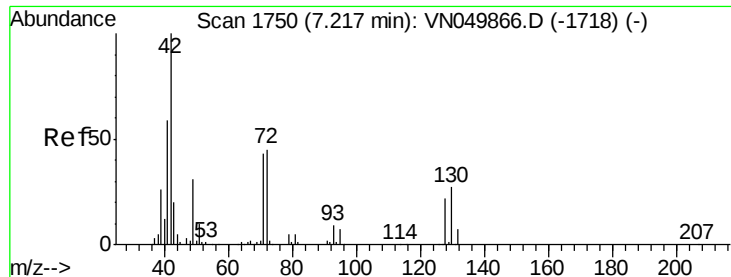
Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Tgt Ion: 49 Resp: 121183

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	82.9	65.5	98.3

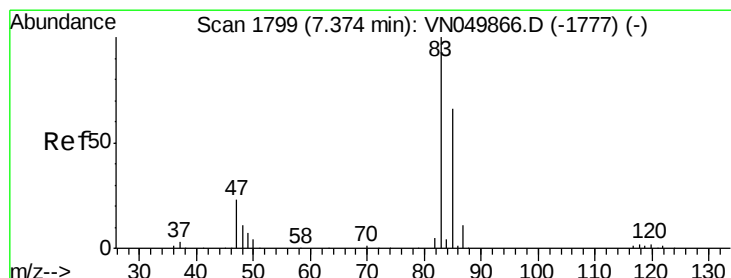
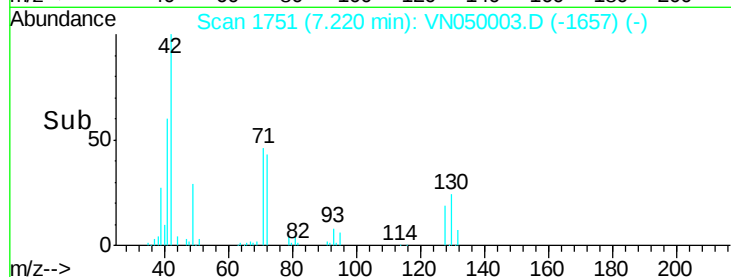
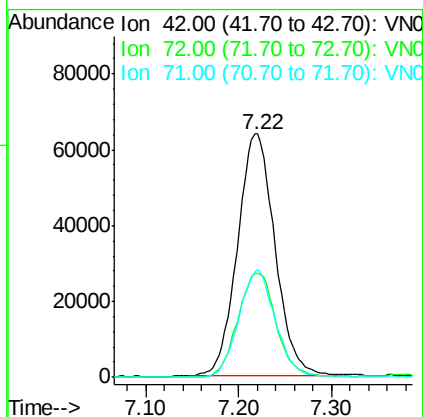
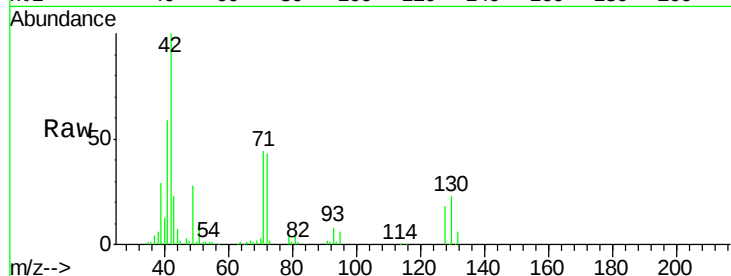




#29
Tetrahydrofuran
Concen: 96.290 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

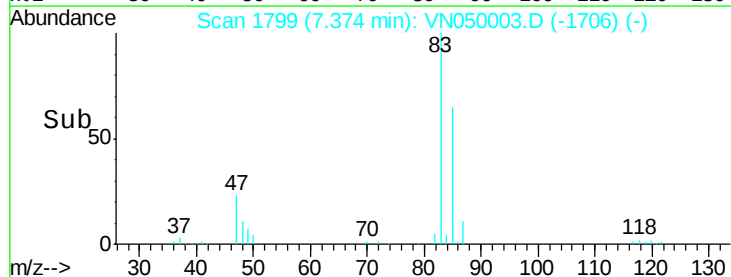
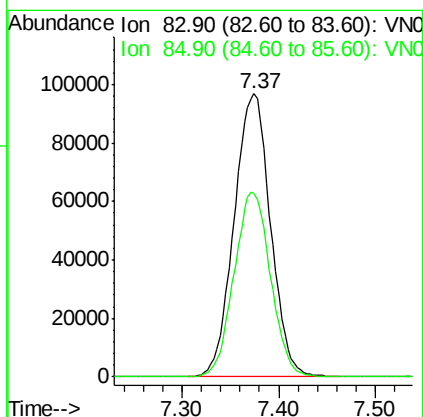
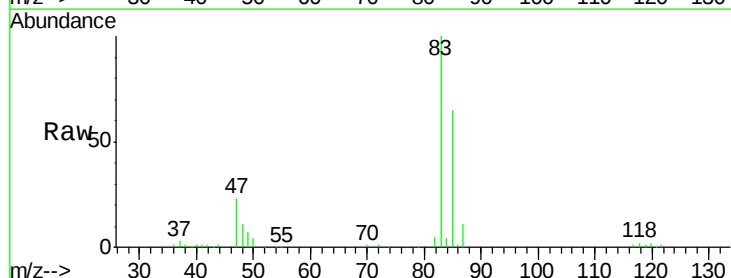
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

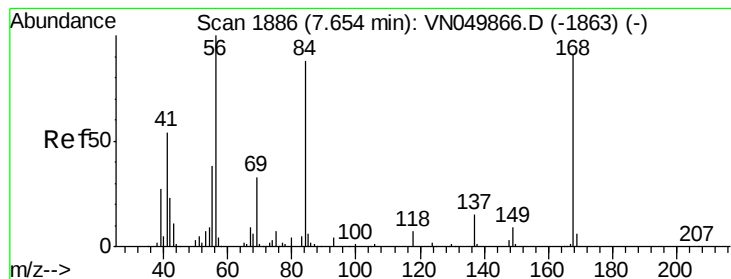
Tgt Ion: 42 Resp: 179217
Ion Ratio Lower Upper
42 100
72 44.4 35.6 53.4
71 43.3 34.0 51.0



#30
Chloroform
Concen: 18.951 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion: 83 Resp: 253035
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2





#31

Cyclohexane

Concen: 17.035 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

VN0723WBSD01

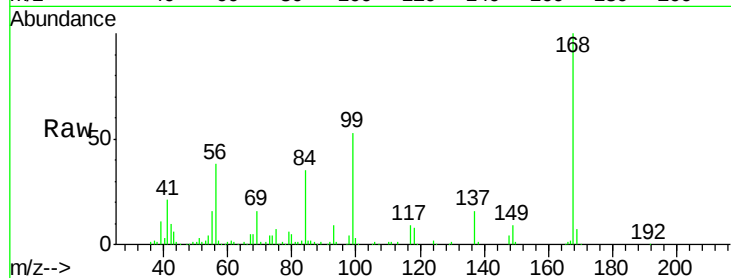
Tgt Ion: 56 Resp: 180363

Ion Ratio Lower Upper

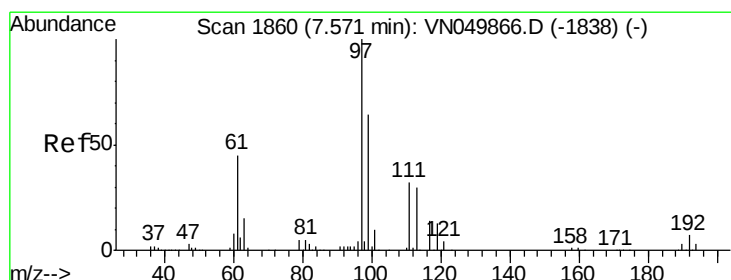
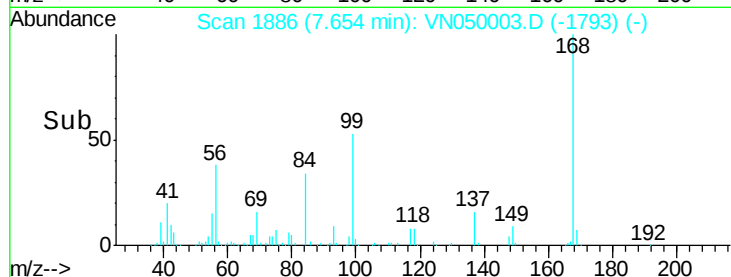
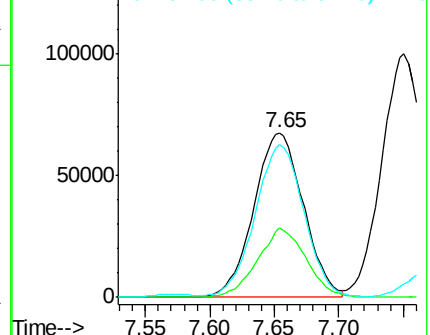
56 100

69 42.0 26.6 40.0#

84 91.4 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.885 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

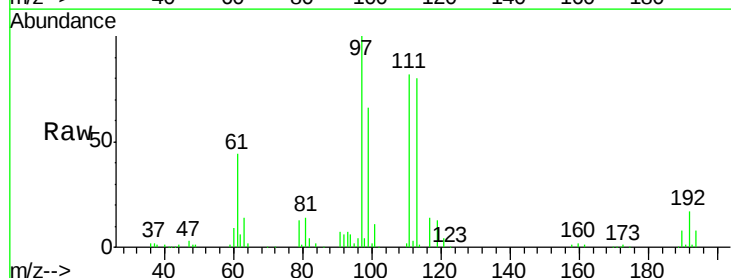
Tgt Ion: 97 Resp: 206403

Ion Ratio Lower Upper

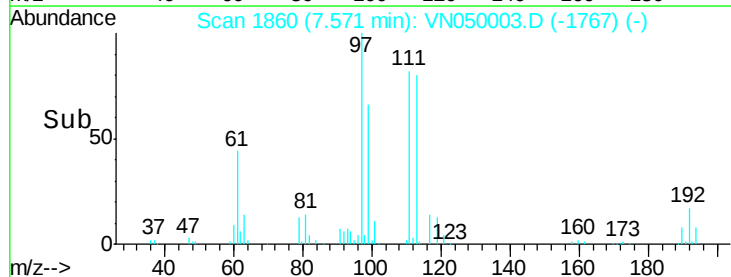
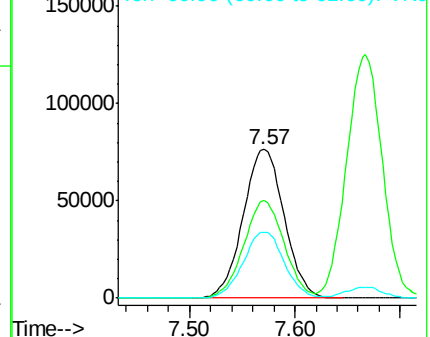
97 100

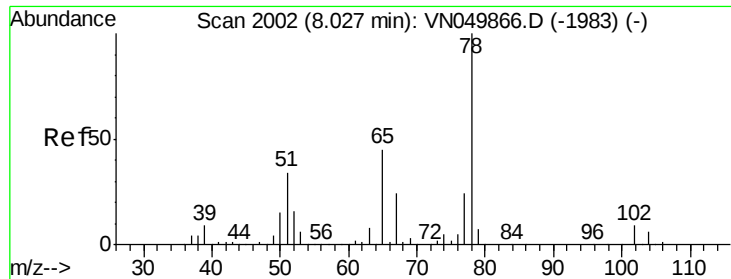
99 65.0 51.0 76.4

61 44.5 35.5 53.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

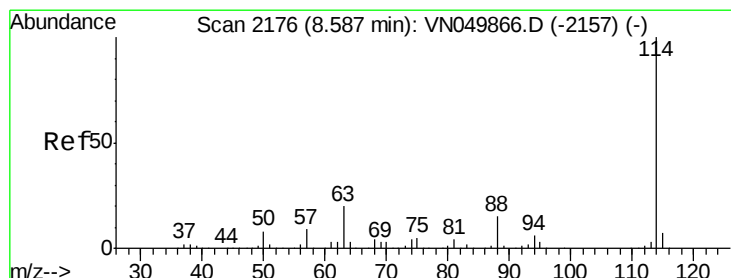
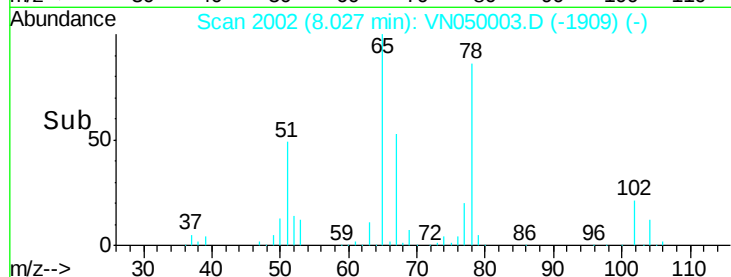
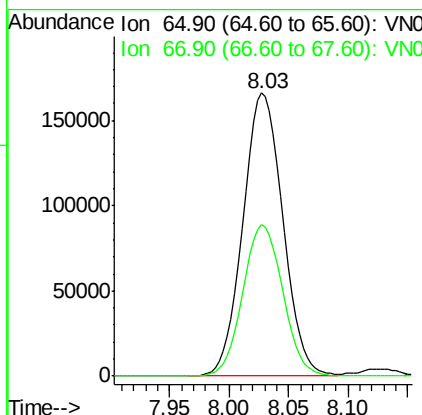
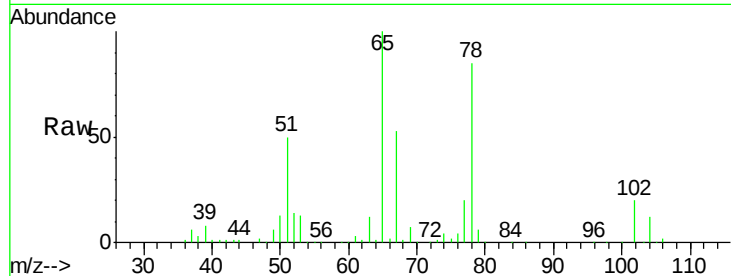




#33
 1,2-Dichloroethane-d4
 Concen: 48.550 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

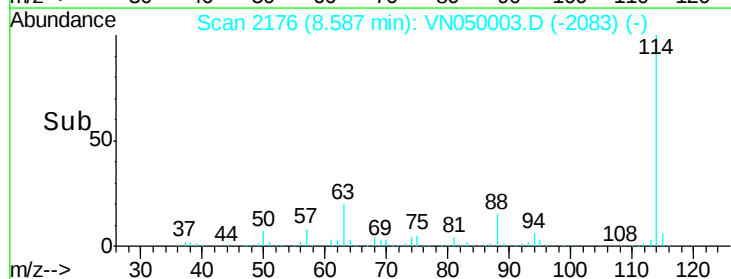
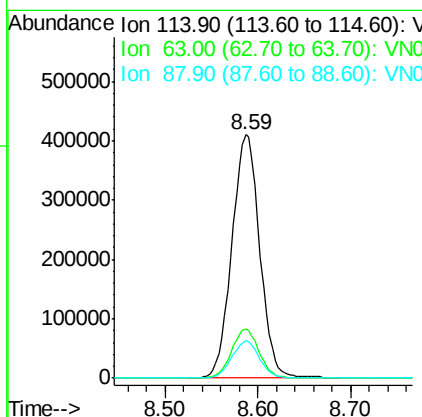
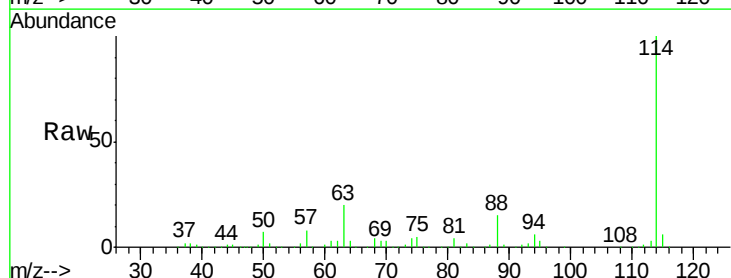
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

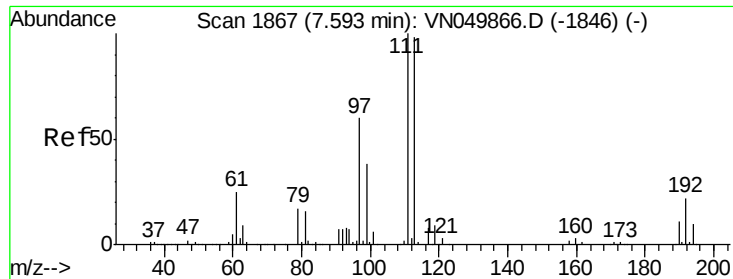
Tgt Ion: 65 Resp: 387654
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion: 114 Resp: 854152
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.2 0.0 30.6

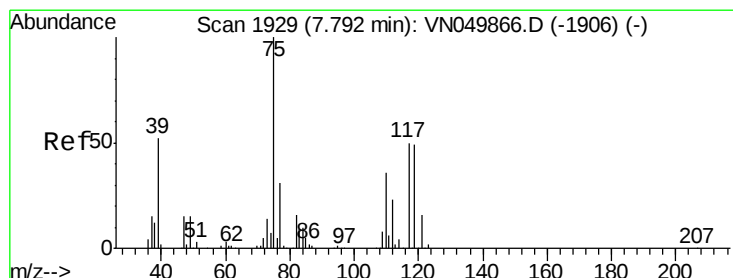
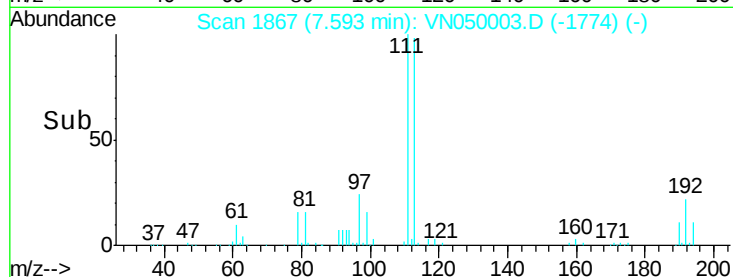
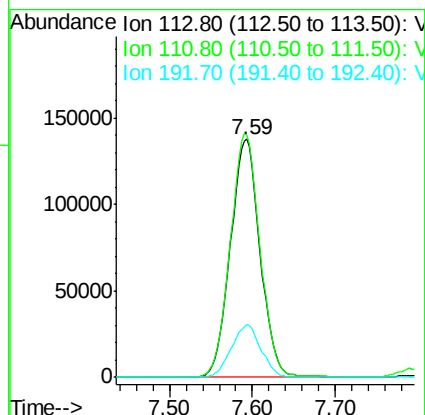
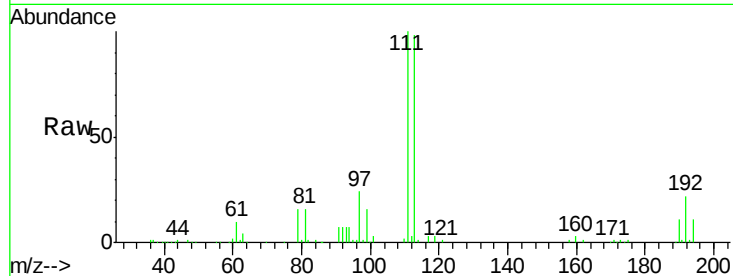




#35
 Dibromofluoromethane
 Concen: 47.902 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

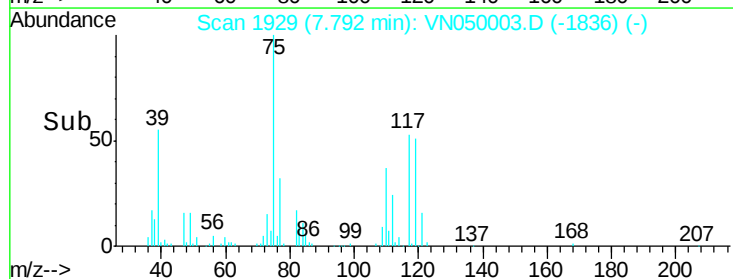
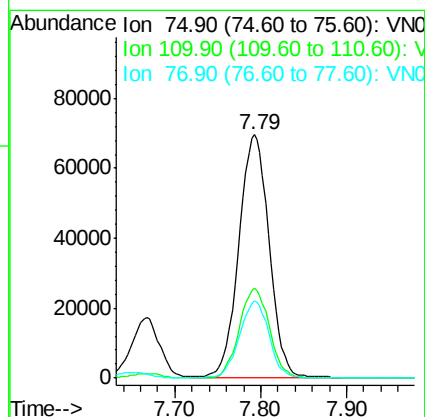
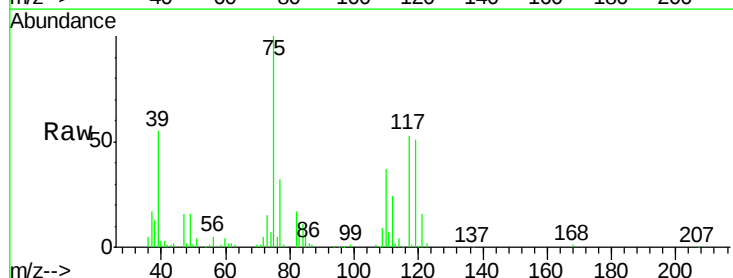
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

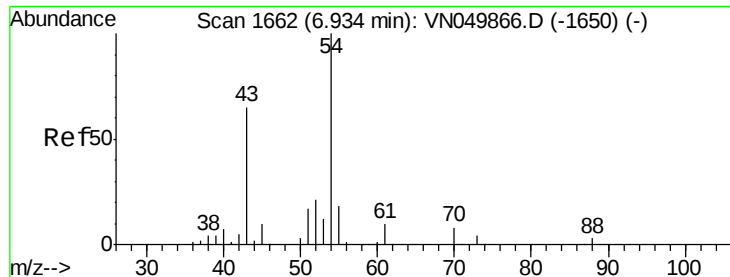
Tgt Ion:113 Resp: 343491
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 17.860 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion: 75 Resp: 169621
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.1 54.4
 77 31.1 24.9 37.3

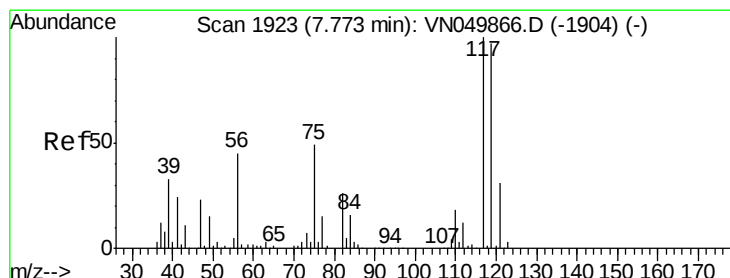
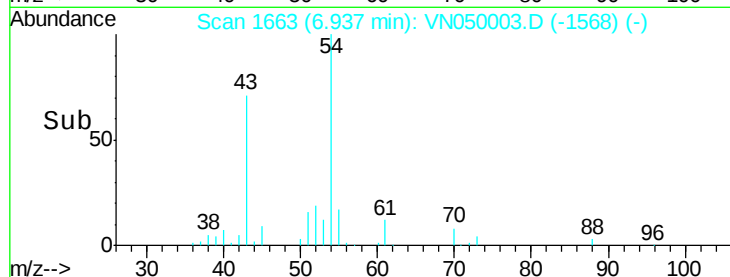
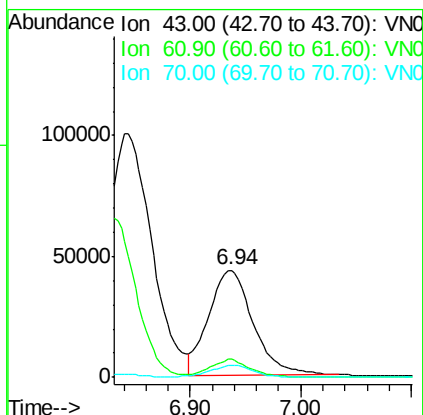
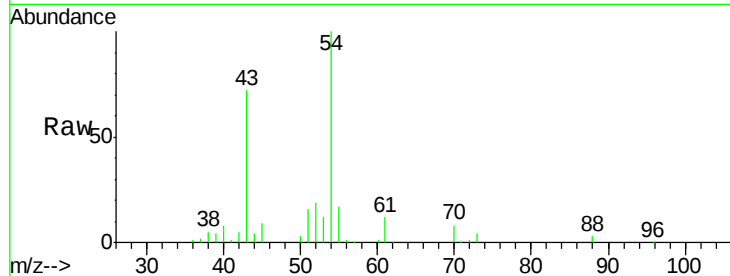




#37
Ethyl Acetate
Concen: 18.813 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

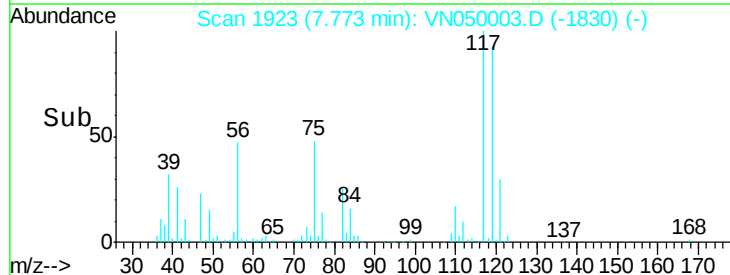
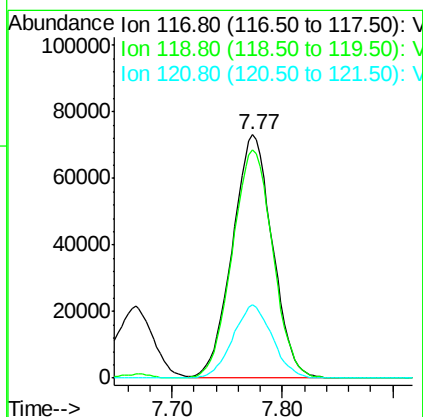
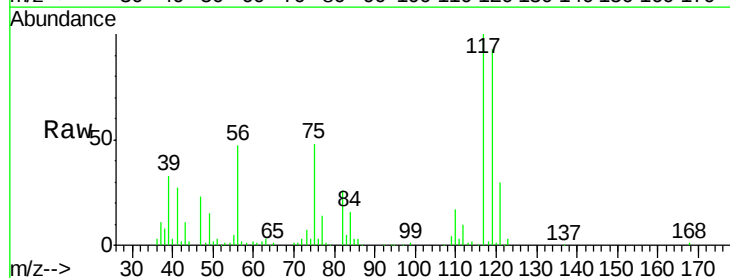
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

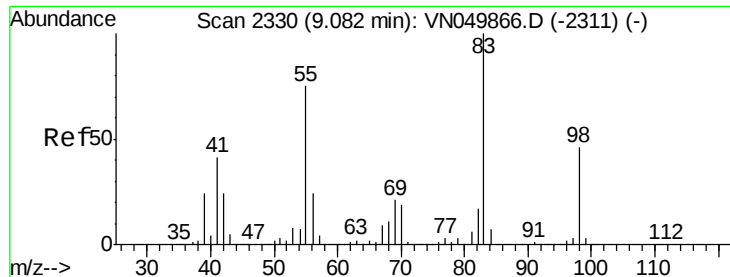
Tgt Ion: 43 Resp: 122686
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 10.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.100 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion: 117 Resp: 184135
Ion Ratio Lower Upper
117 100
119 93.5 77.2 115.8
121 30.0 25.0 37.6

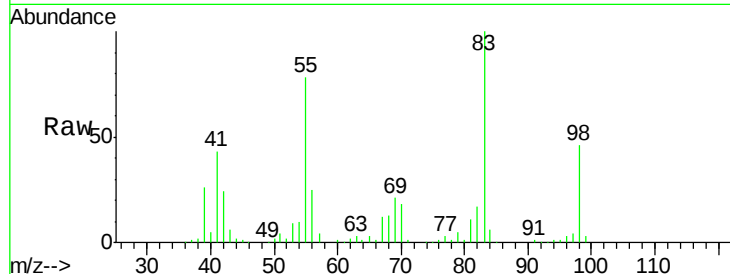




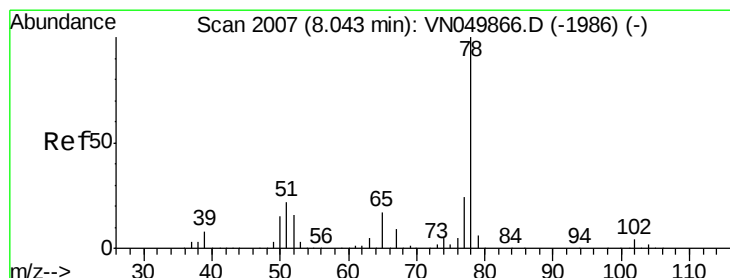
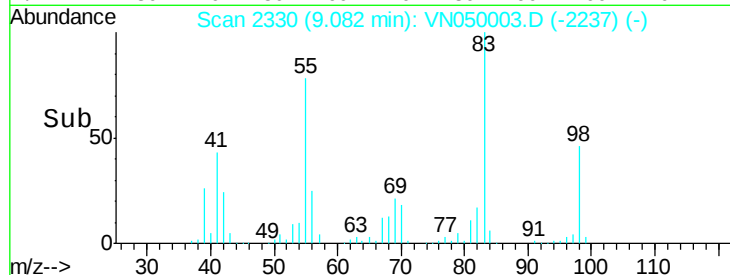
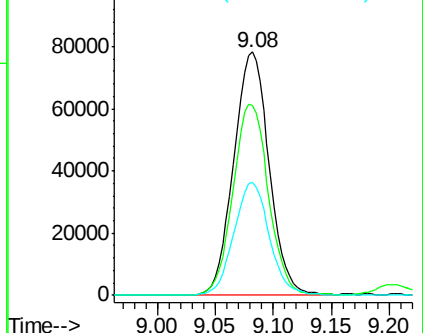
#39
Methylcyclohexane
Concen: 16.980 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 83 Resp: 166594
Ion Ratio Lower Upper
83 100
55 78.0 59.7 89.5
98 46.4 36.5 54.7

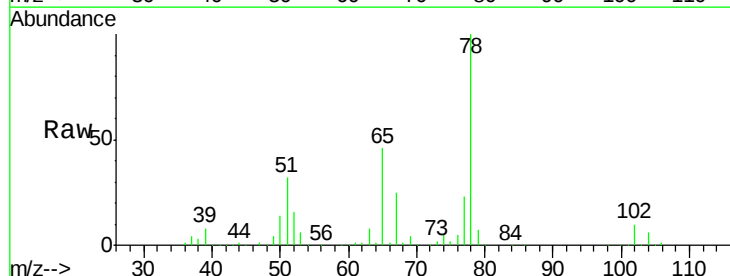


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

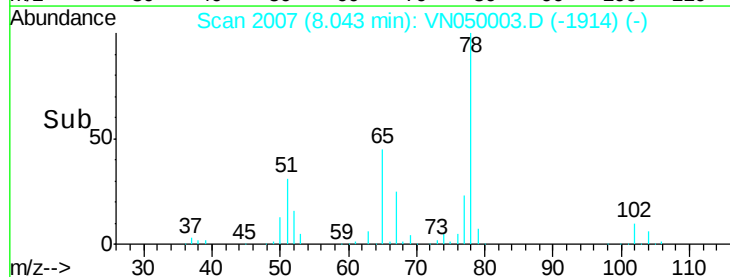
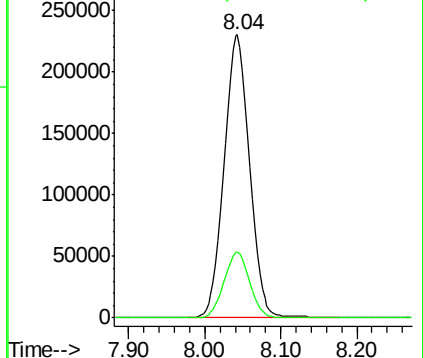


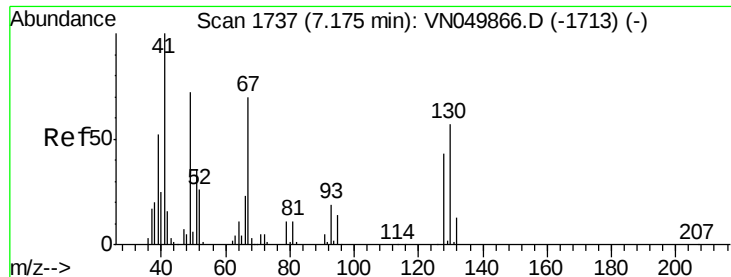
#40
Benzene
Concen: 18.541 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion: 78 Resp: 536703
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



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

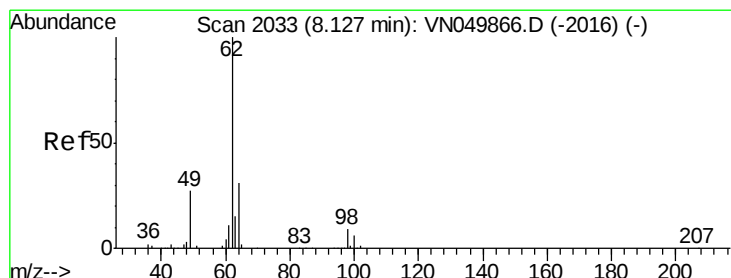
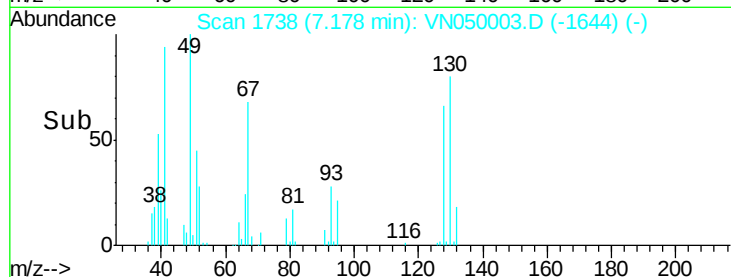
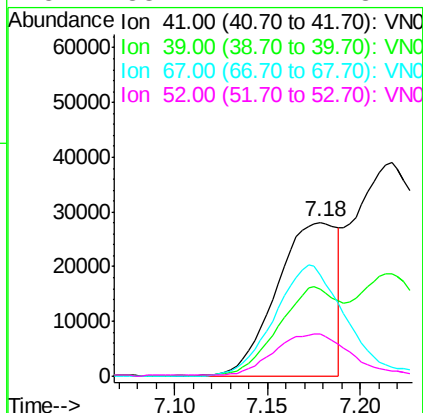
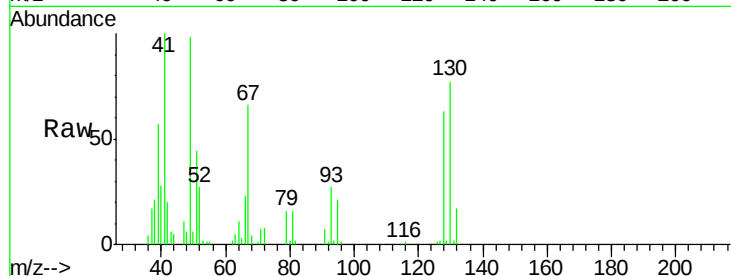




#41
Methacrylonitrile
Concen: 19.529 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

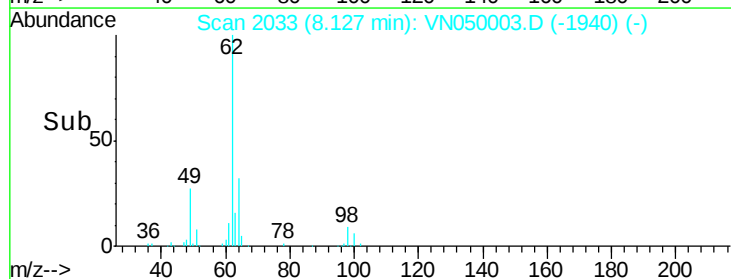
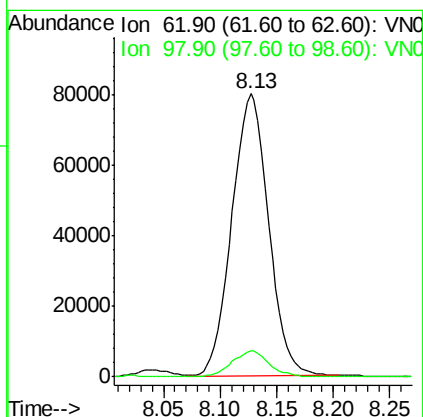
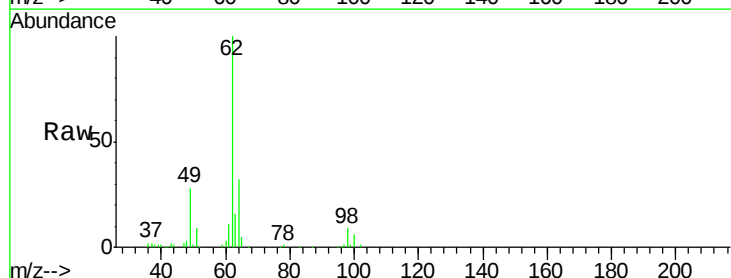
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

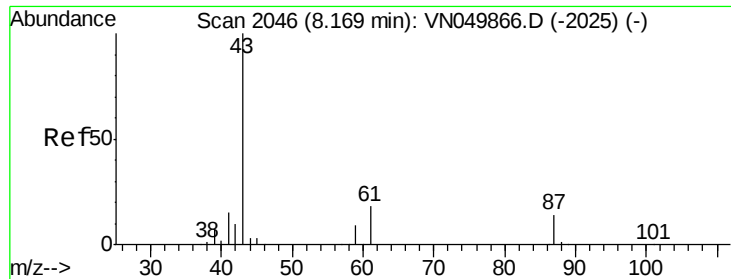
Tgt Ion:	41	Resp:	63846
Ion	Ratio	Lower	Upper
41	100		
39	58.8	45.4	68.2
67	85.5	65.4	98.0
52	33.1	24.7	37.1



#42
1,2-Dichloroethane
Concen: 18.896 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion:	62	Resp:	181166
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 20.127 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

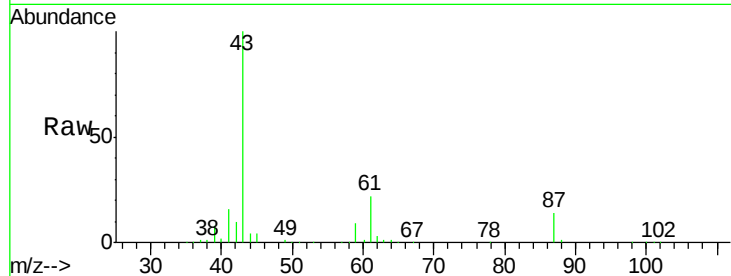
Tgt Ion: 43 Resp: 229317

Ion Ratio Lower Upper

43 100

61 19.0 14.9 22.3

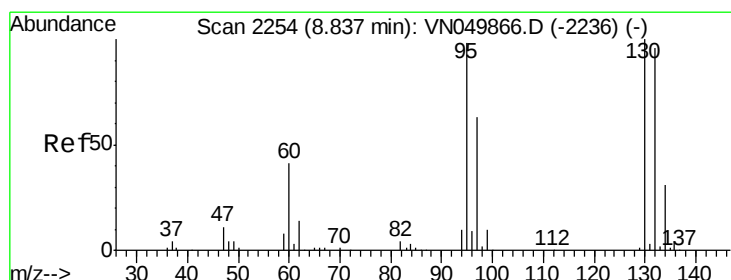
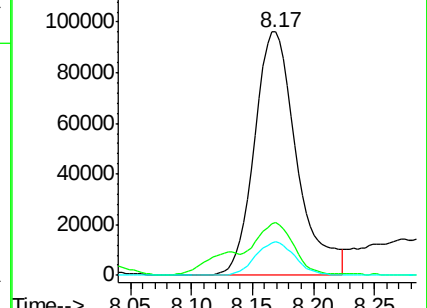
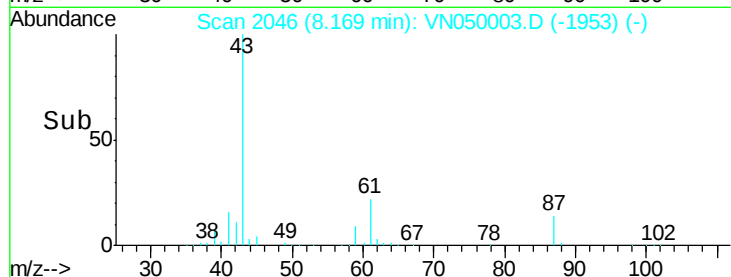
87 12.9 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)



#44

Trichloroethene

Concen: 18.159 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN050003.D

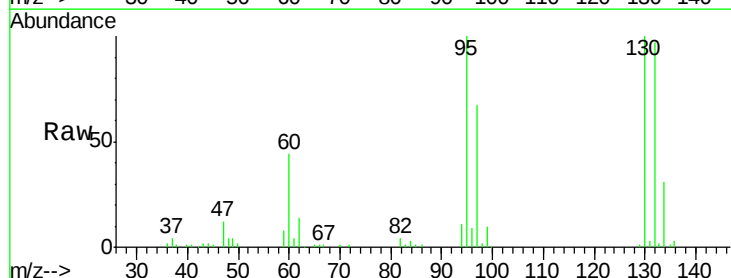
Acq: 23 Jul 2018 10:45

Tgt Ion: 130 Resp: 137826

Ion Ratio Lower Upper

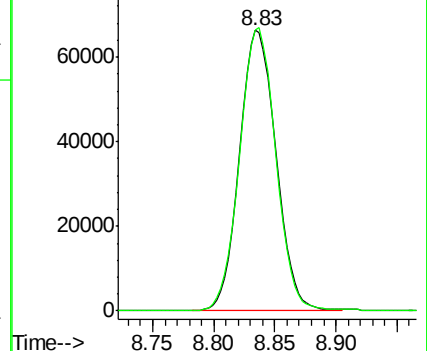
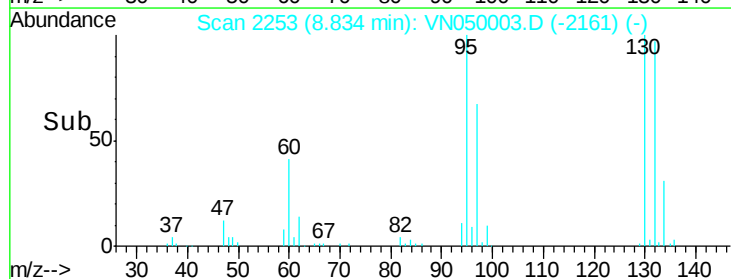
130 100

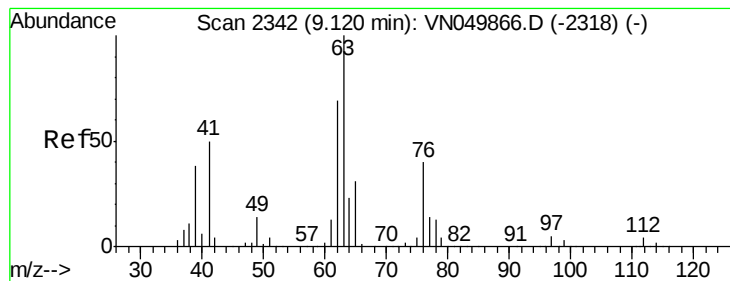
95 100.4 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049866.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049866.D (-2236) (-)





#45

1,2-Dichloropropane

Concen: 19.013 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

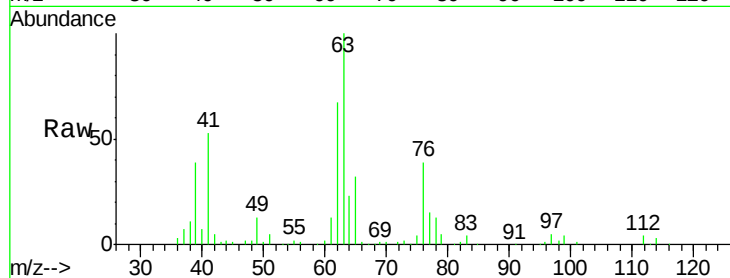
VN0723WBSD01

Tgt Ion: 63 Resp: 148468

Ion Ratio Lower Upper

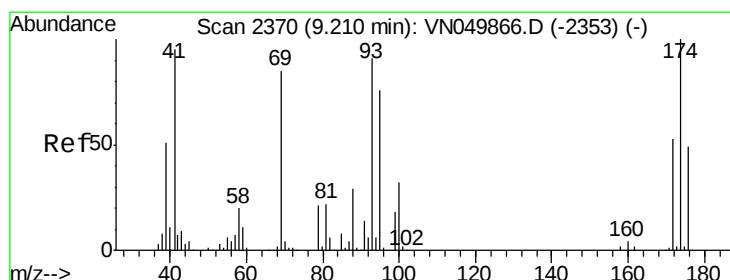
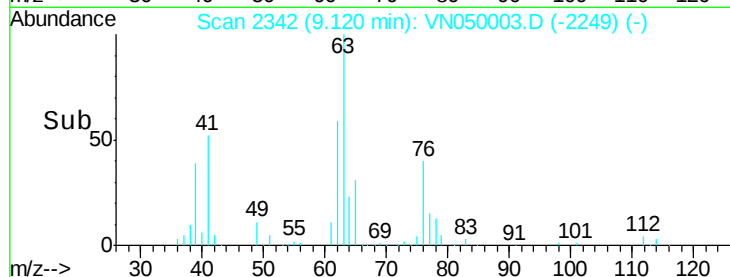
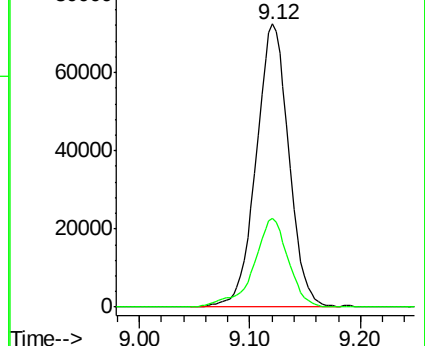
63 100

65 31.6 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: 18.741 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

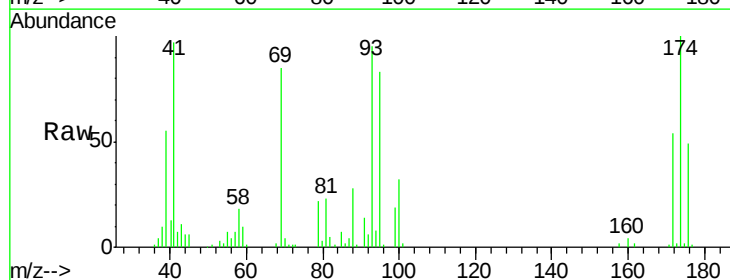
Tgt Ion: 93 Resp: 90758

Ion Ratio Lower Upper

93 100

95 82.8 67.9 101.9

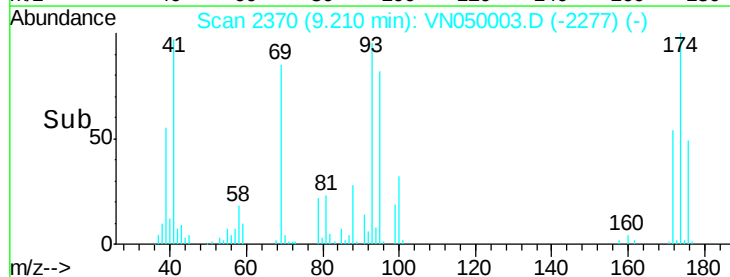
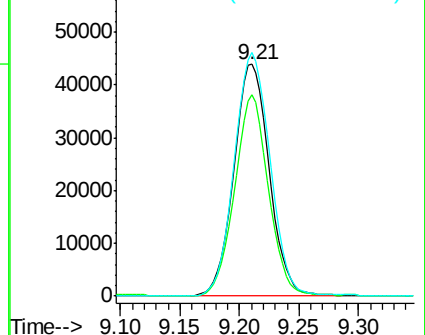
174 106.3 89.4 134.0

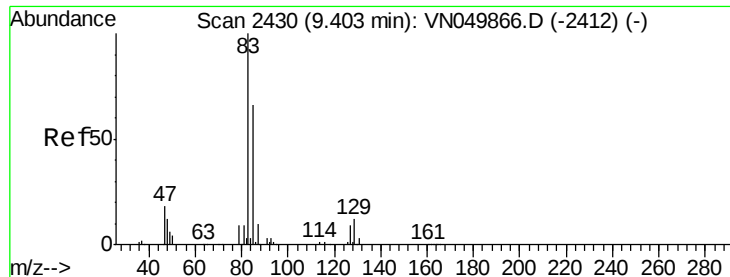


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.245 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

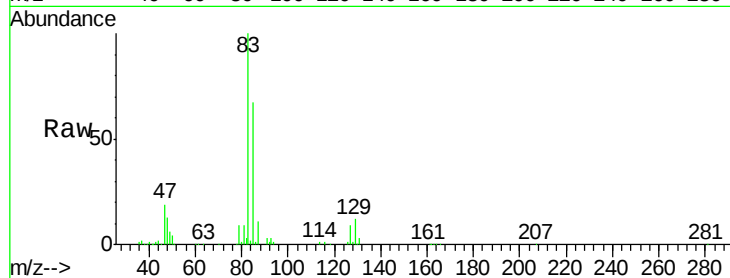
Tgt Ion: 83 Resp: 192750

Ion Ratio Lower Upper

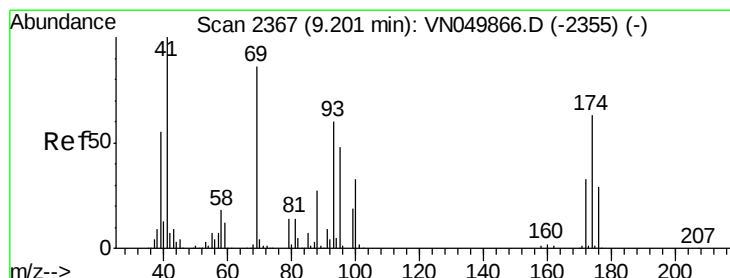
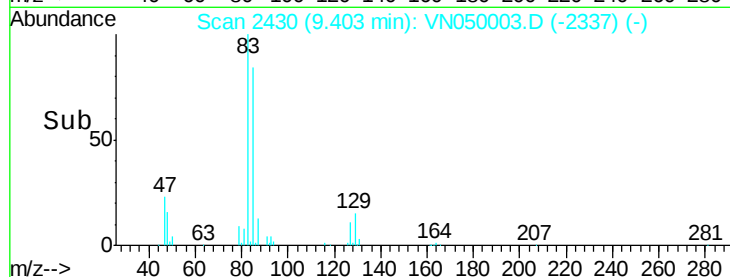
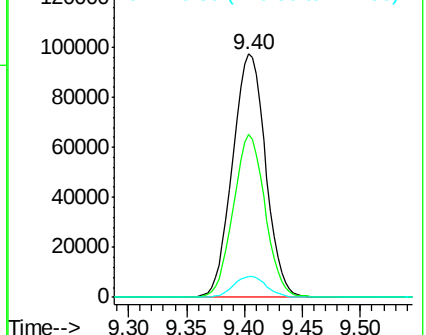
83 100

85 66.9 50.5 75.7

127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.828 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

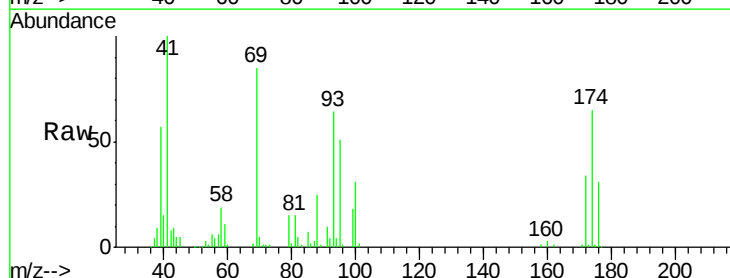
Tgt Ion: 41 Resp: 107611

Ion Ratio Lower Upper

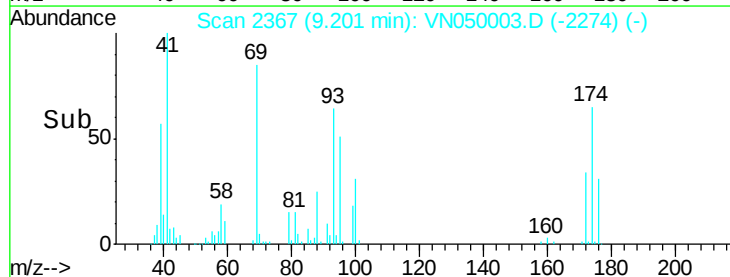
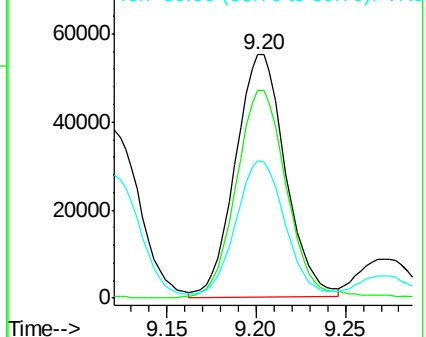
41 100

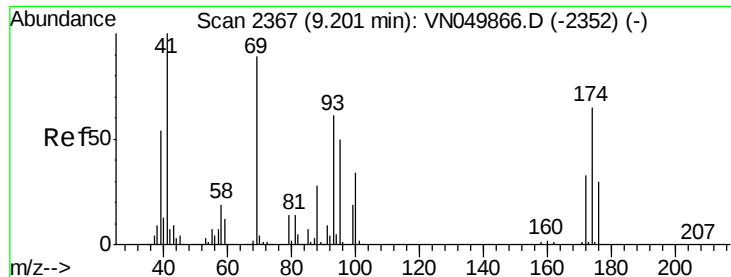
69 87.4 71.5 107.3

39 56.0 44.7 67.1



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





#49

1,4-Dioxane

Concen: 376.371 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

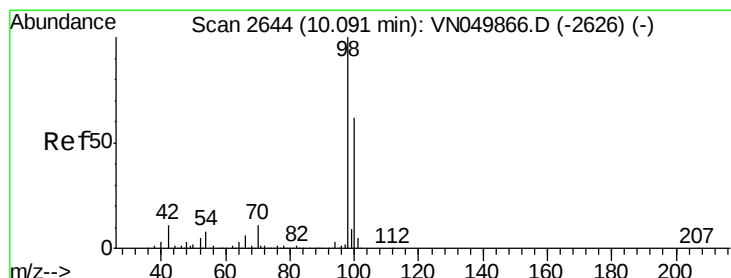
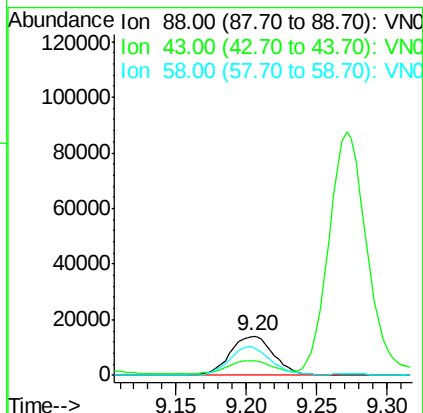
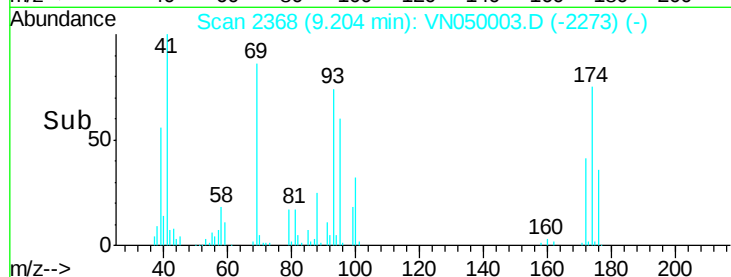
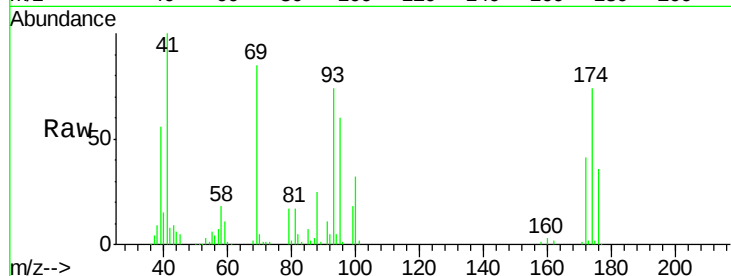
Tgt Ion: 88 Resp: 30515

Ion Ratio Lower Upper

88 100

43 35.6 25.1 37.7

58 70.2 52.5 78.7



#50

Toluene-d8

Concen: 46.670 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050003.D

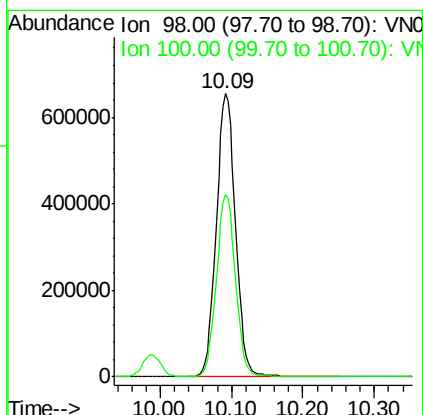
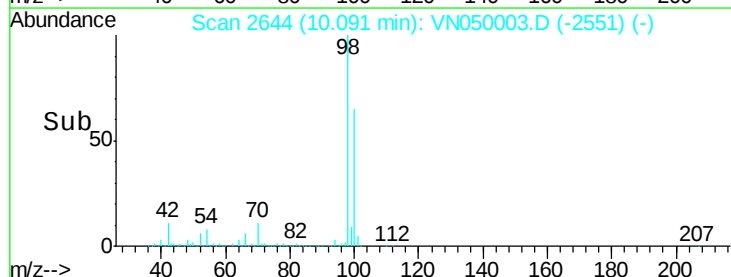
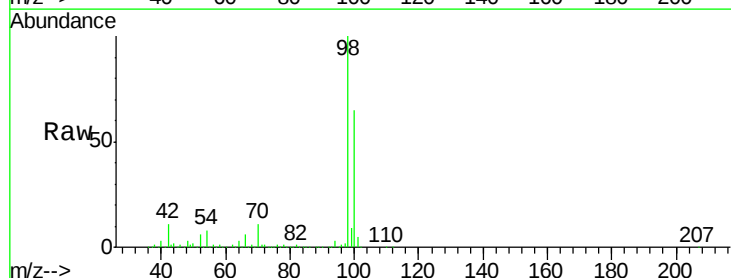
Acq: 23 Jul 2018 10:45

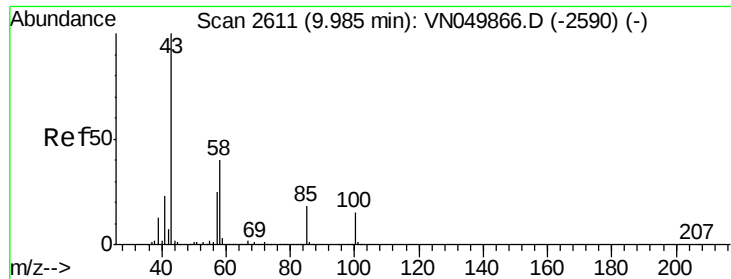
Tgt Ion: 98 Resp: 1219334

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5

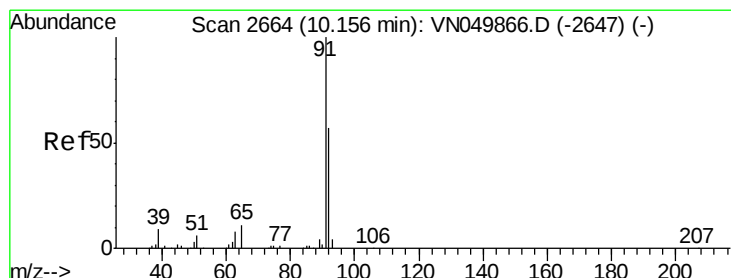
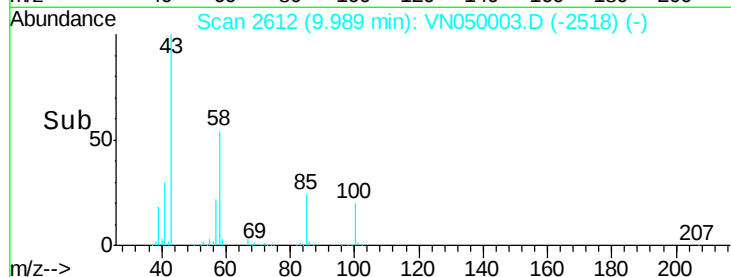
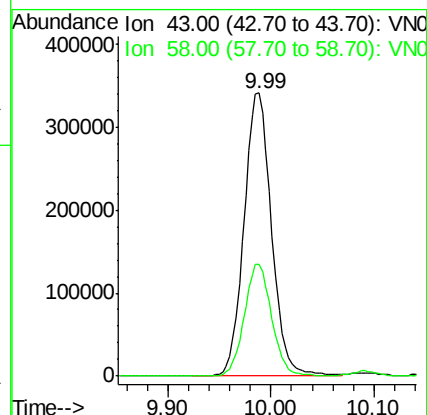
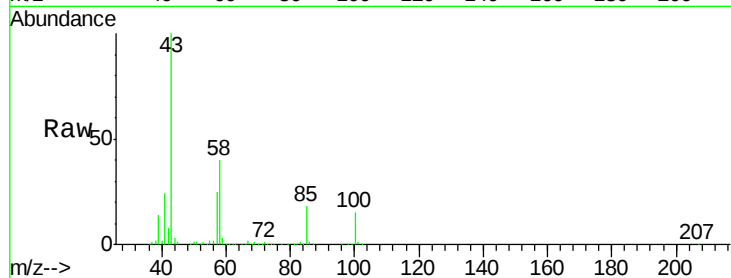




#51
 4-Methyl-2-Pentanone
 Concen: 99.086 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

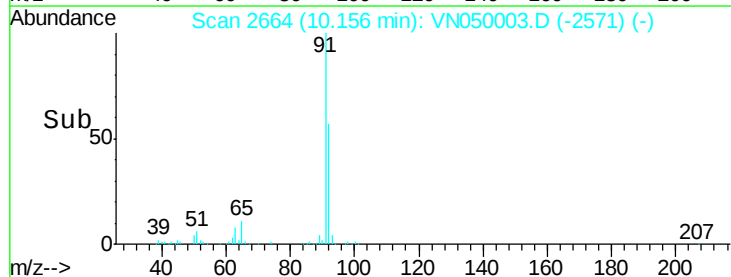
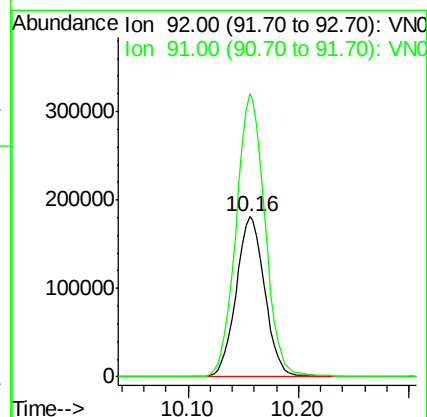
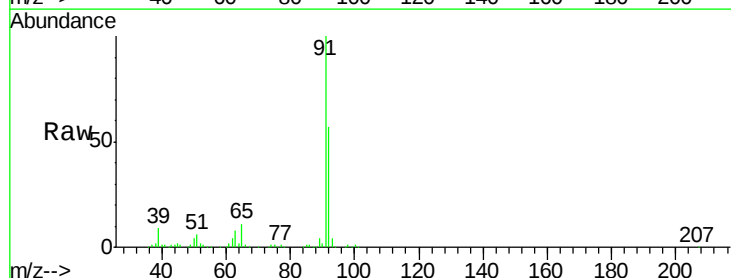
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

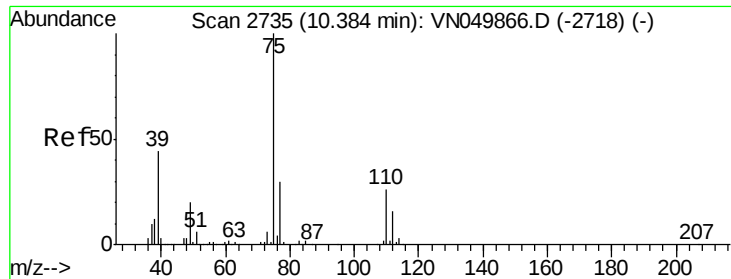
Tgt Ion: 43 Resp: 631090
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.8 47.8



#52
 Toluene
 Concen: 18.919 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion: 92 Resp: 326665
 Ion Ratio Lower Upper
 92 100
 91 178.6 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 18.899 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

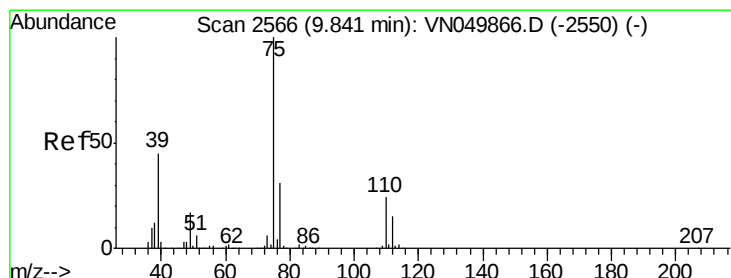
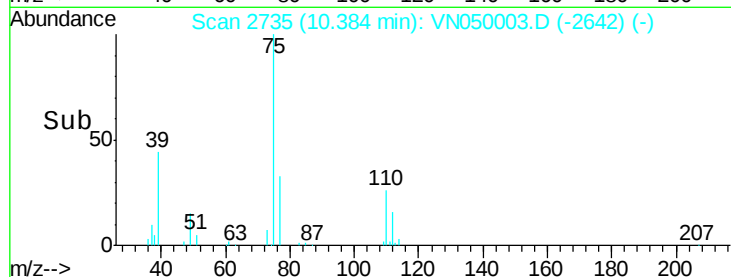
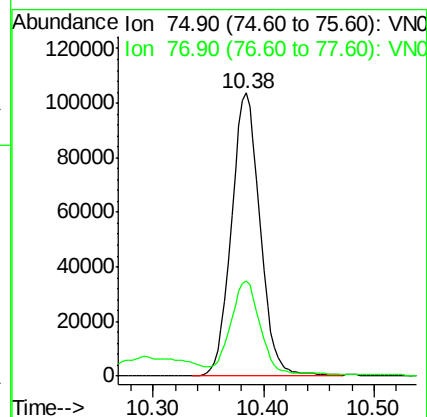
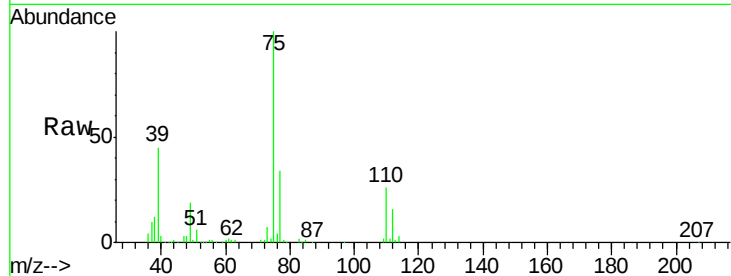
VN0723WBSD01

Tgt Ion: 75 Resp: 187155

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.419 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

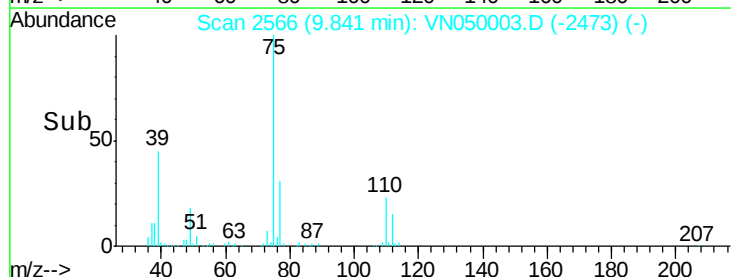
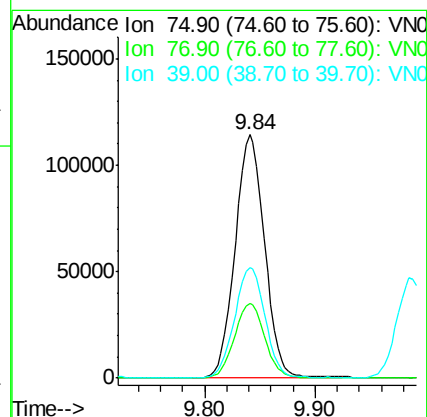
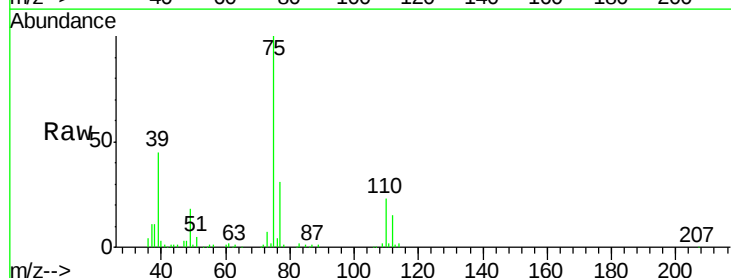
Tgt Ion: 75 Resp: 212535

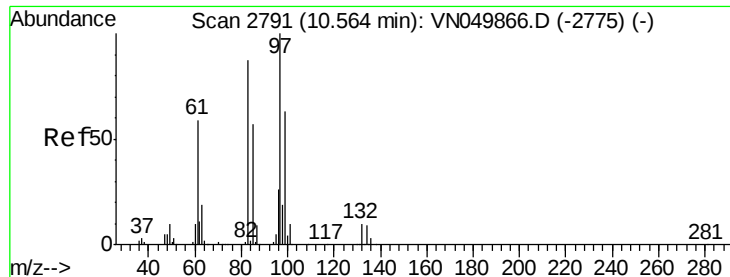
Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

39 45.2 35.5 53.3

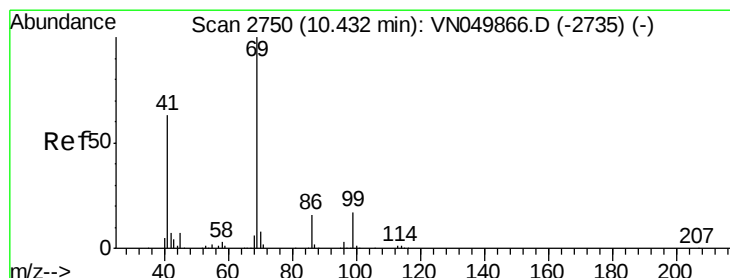
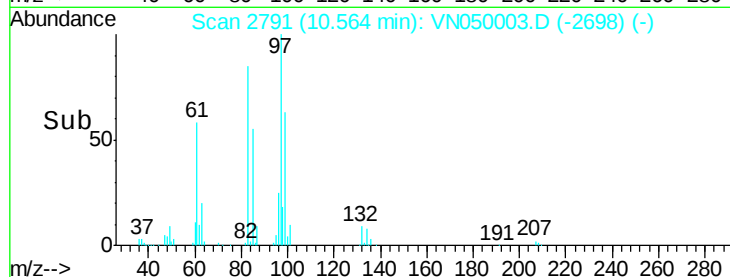
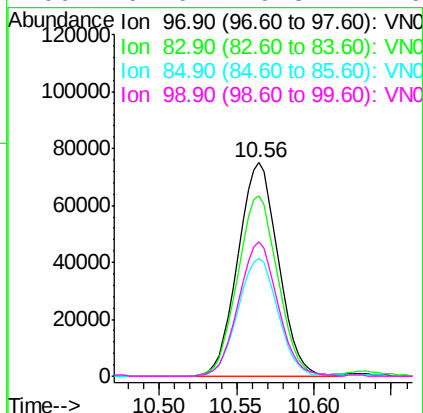
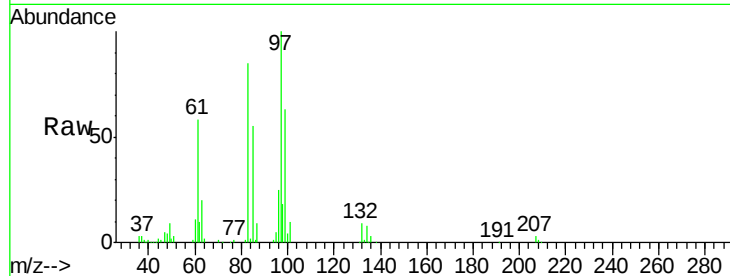




#55
 1,1,2-Trichloroethane
 Concen: 19.060 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

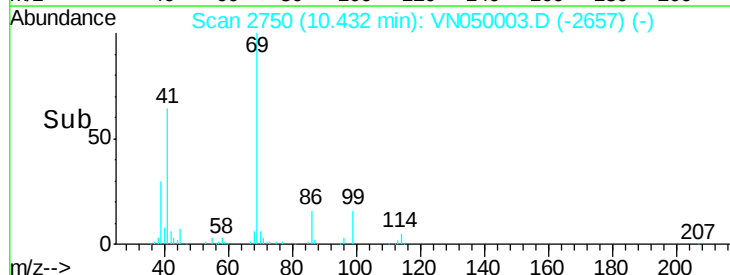
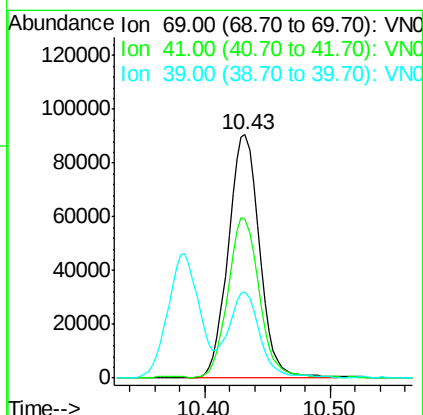
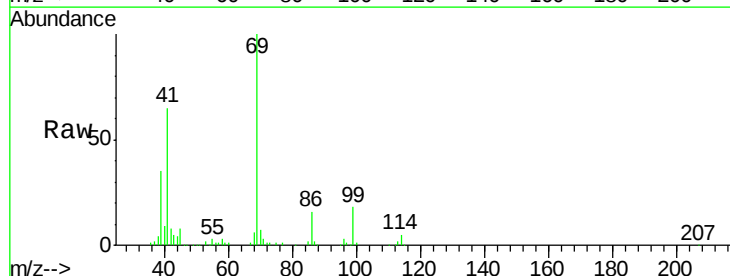
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

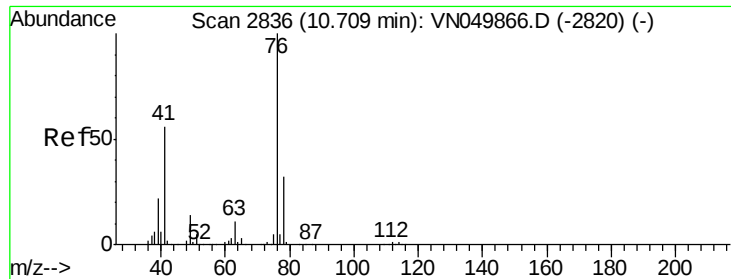
Tgt Ion:	97	Resp:	135956
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.0	103.6
85	55.0	44.9	67.3
99	62.6	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 17.812 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion:	69	Resp:	156715
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.6	77.4
39	34.9	25.8	38.8

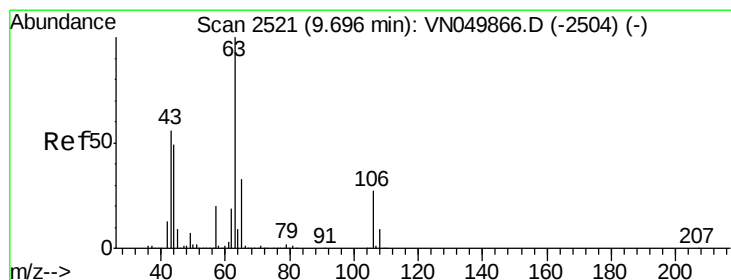
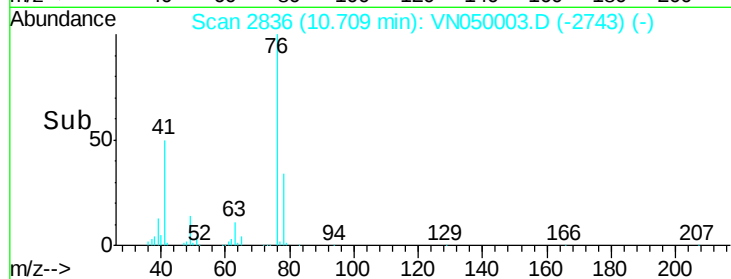
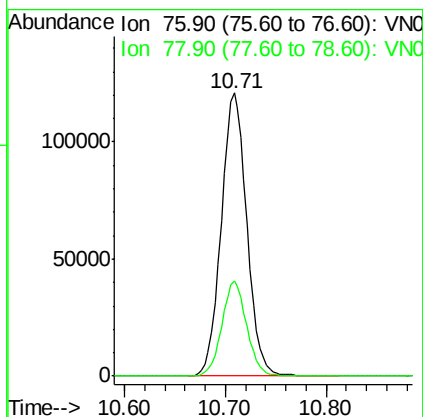
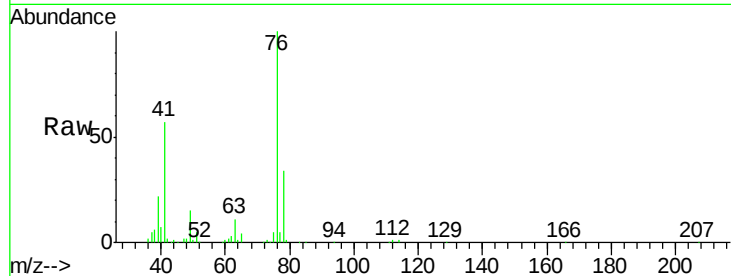




#57
 1,3-Dichloropropane
 Concen: 19.058 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

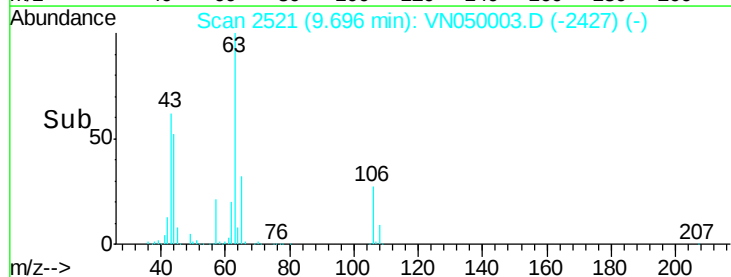
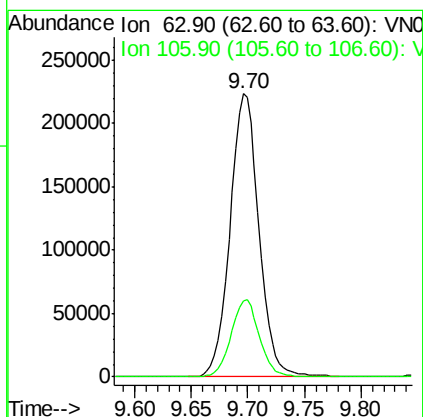
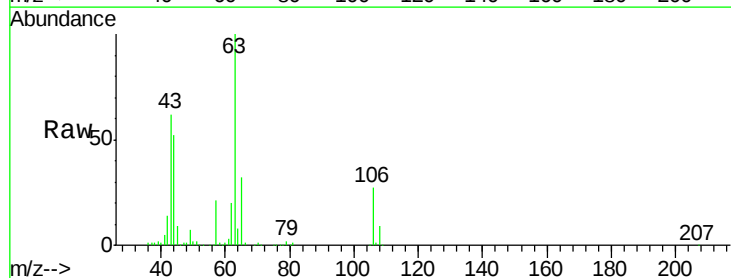
Instrument :
 MSVOA_N
 ClientSampled :
 VN0723WBSD01

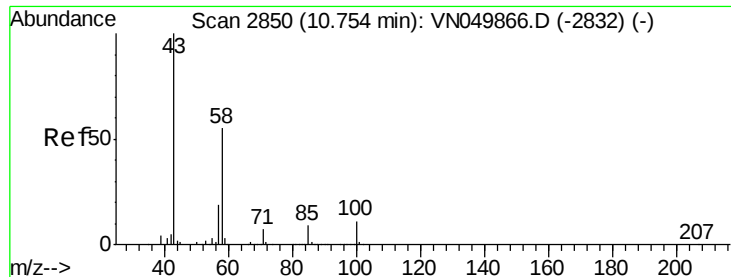
Tgt Ion: 76 Resp: 214083
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.422 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion: 63 Resp: 396703
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8

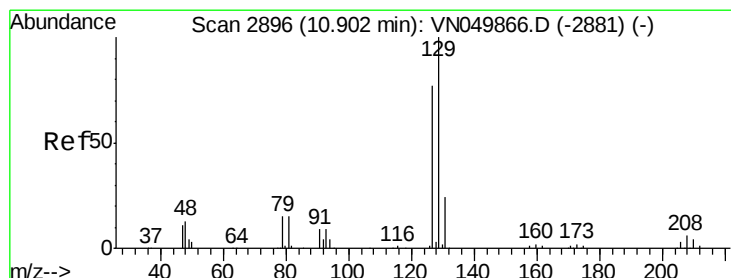
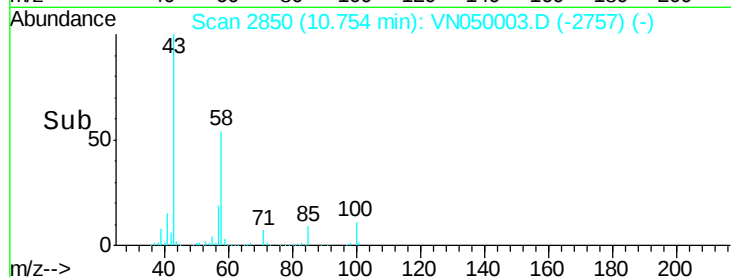
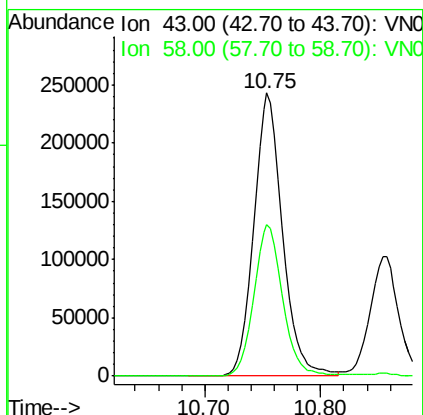
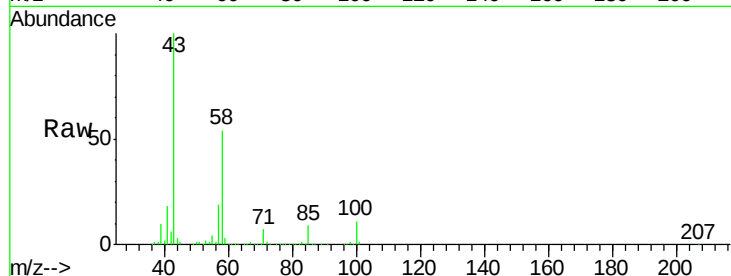




#59
2-Hexanone
Concen: 97.818 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

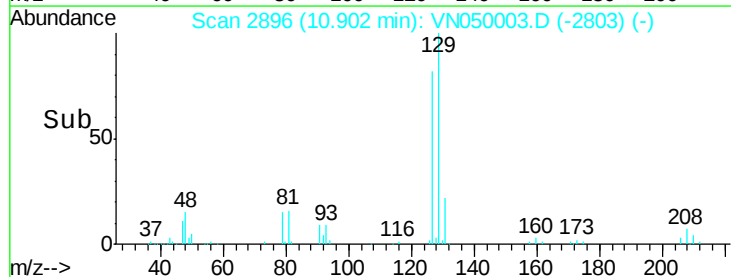
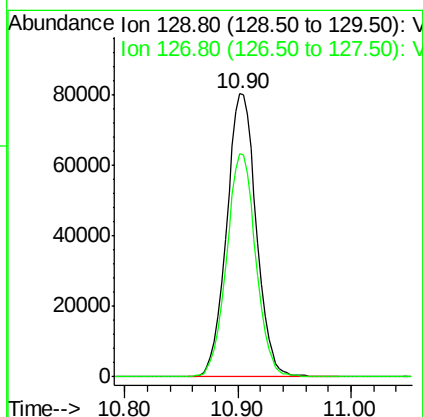
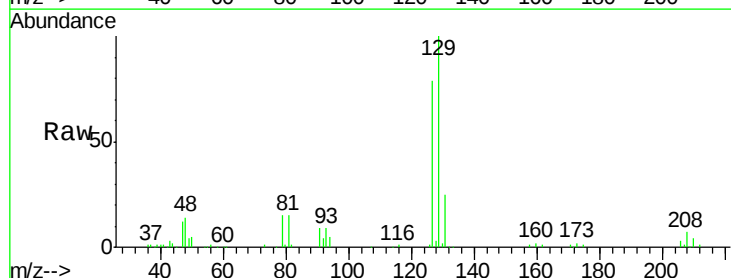
Instrument :
MSVOA_N
ClientSampled :
VN0723WBSD01

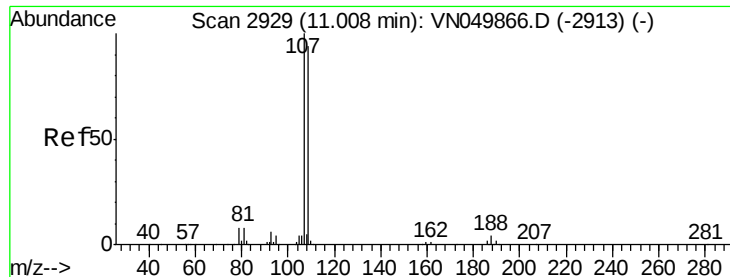
Tgt Ion: 43 Resp: 418468
Ion Ratio Lower Upper
43 100
58 54.1 27.8 83.4



#60
Dibromochloromethane
Concen: 18.715 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion: 129 Resp: 146390
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9

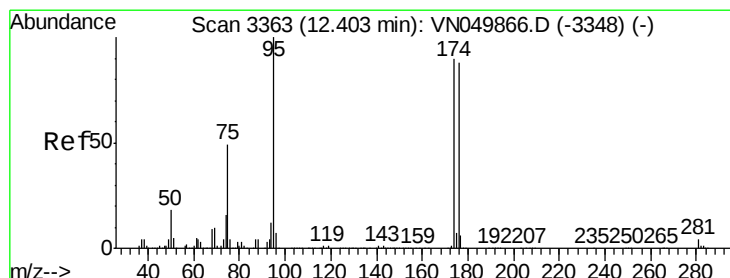
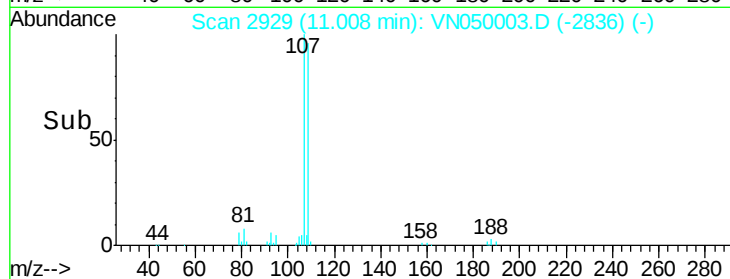
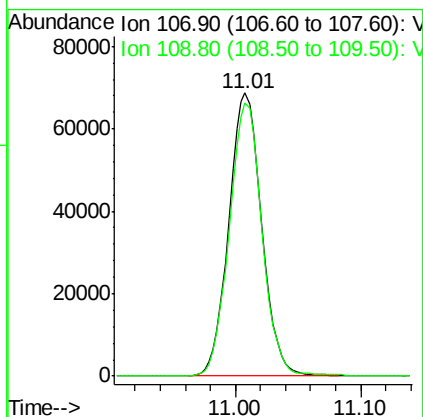
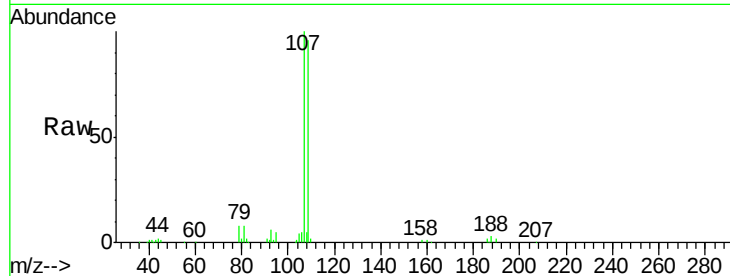




#61
 1,2-Dibromoethane
 Concen: 18.738 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

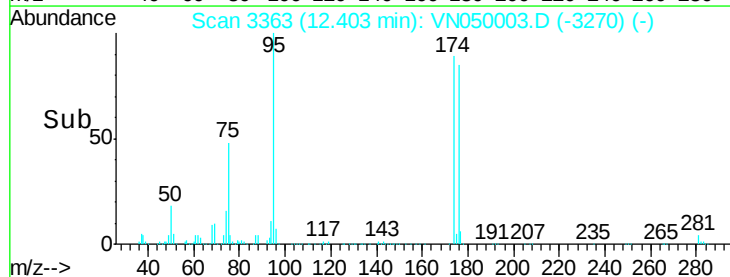
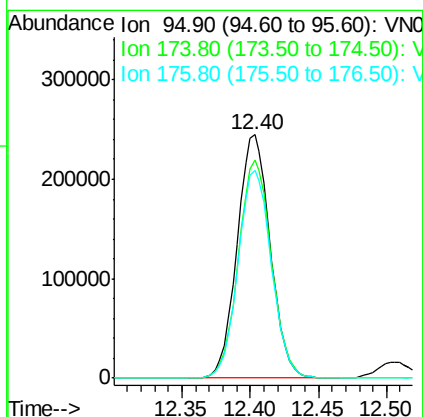
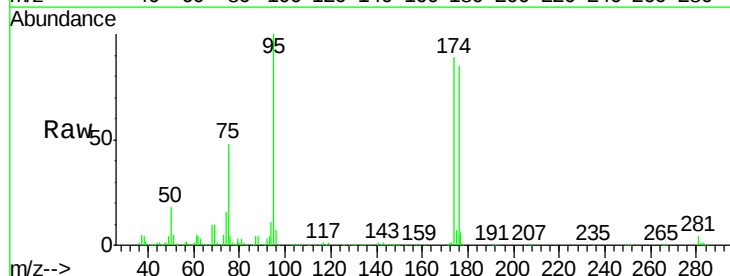
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

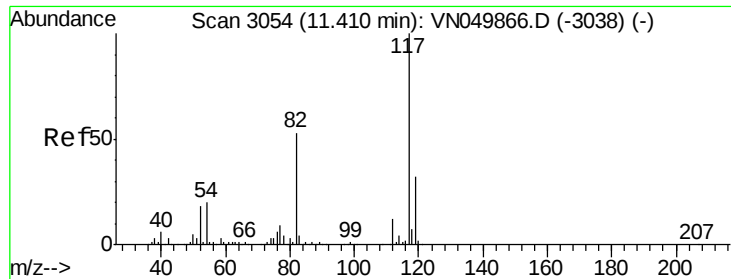
Tgt Ion: 107 Resp: 124890
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 45.736 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion: 95 Resp: 411531
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 179.6
 176 86.0 0.0 174.0

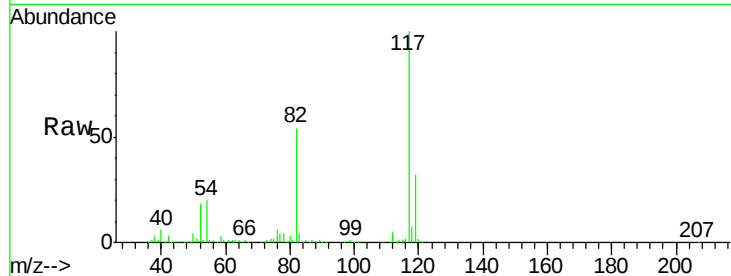




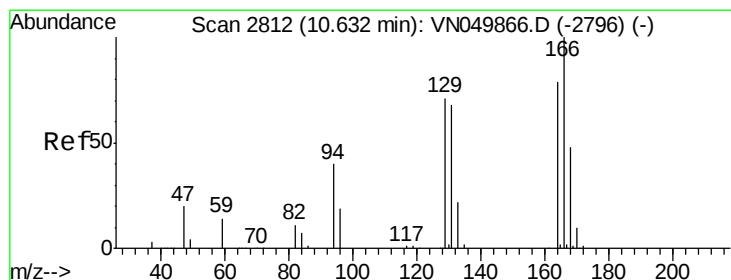
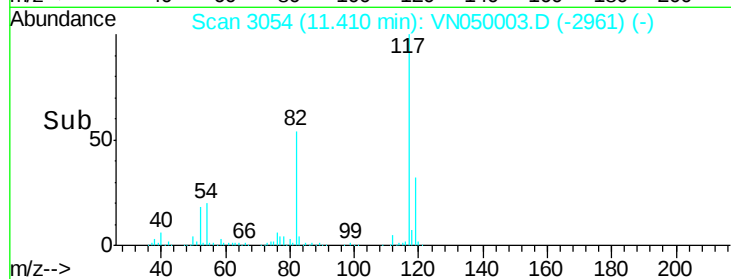
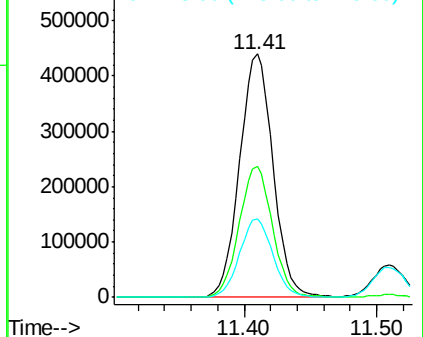
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion:117 Resp: 768938
Ion Ratio Lower Upper
117 100
82 54.0 41.9 62.9
119 32.1 25.4 38.2

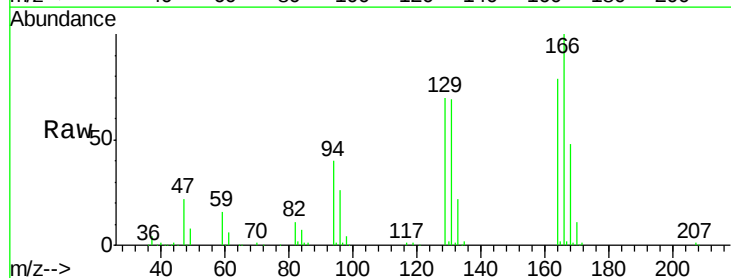


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

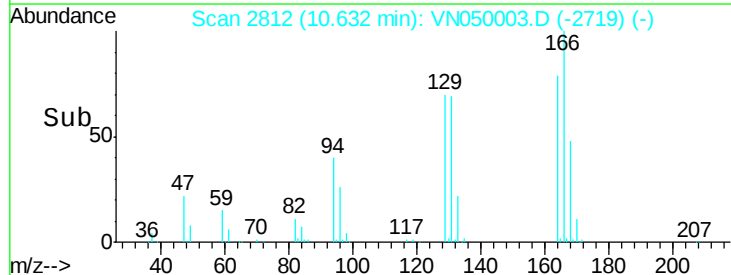
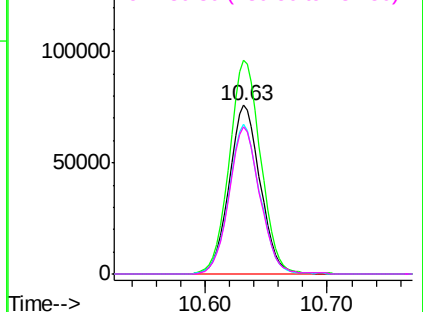


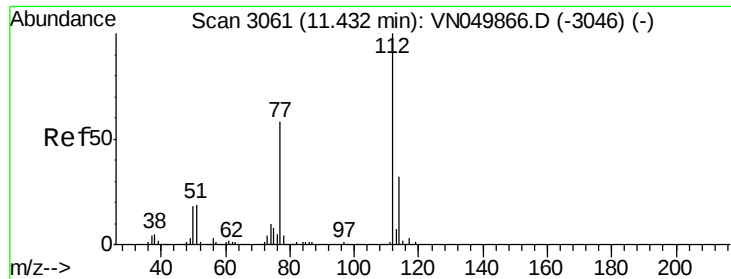
#64
Tetrachloroethene
Concen: 19.416 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion:164 Resp: 134160
Ion Ratio Lower Upper
164 100
166 126.5 101.8 152.6
129 88.5 72.8 109.2
131 87.0 70.0 105.0



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

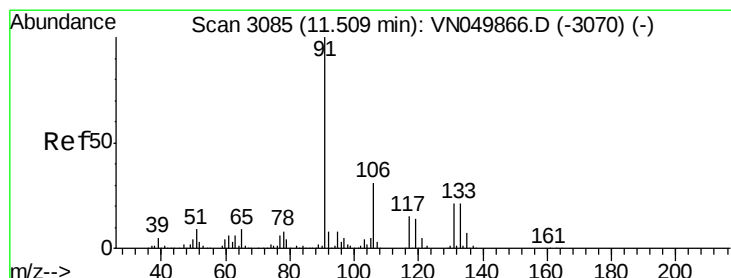
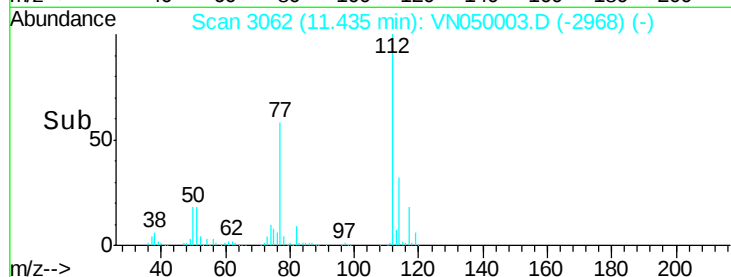
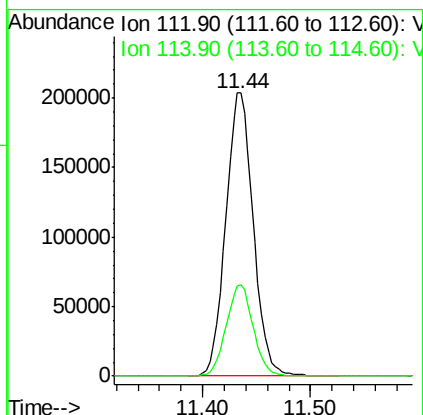
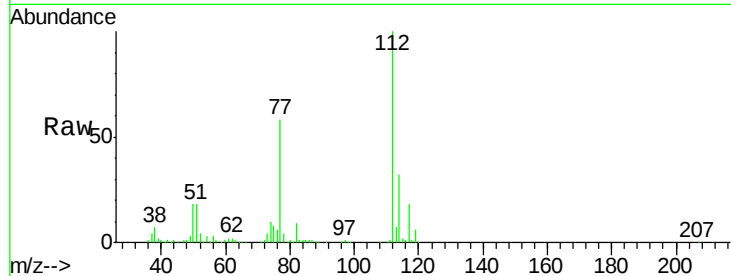




#65
Chlorobenzene
Concen: 18.693 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

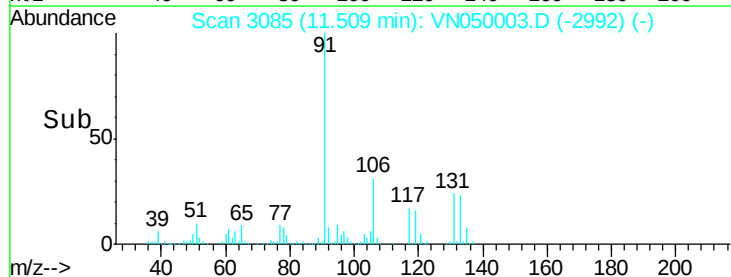
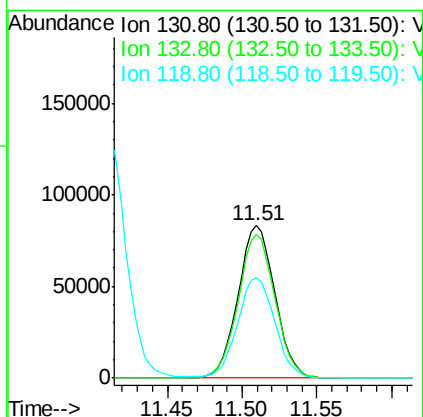
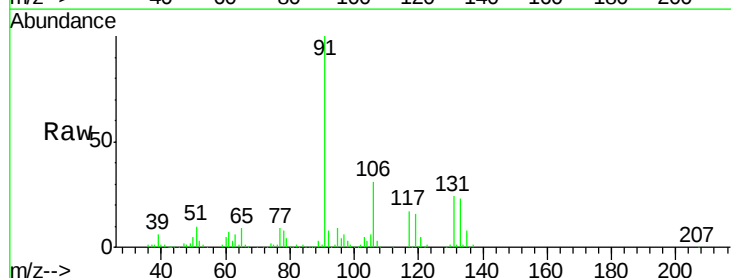
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

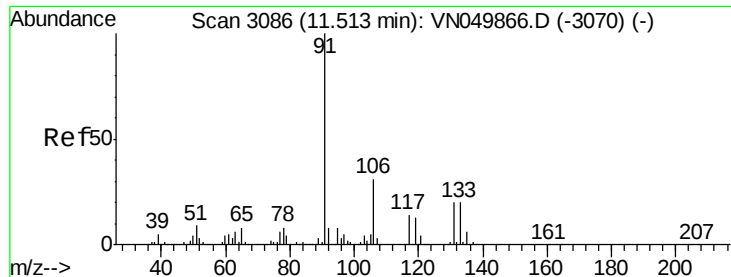
Tgt Ion:112 Resp: 361149
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.082 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion:131 Resp: 142797
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 66.6 33.1 99.3





#67

Ethyl Benzene

Concen: 18.609 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

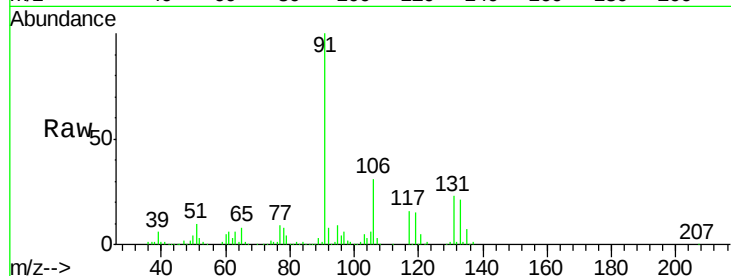
VN0723WBSD01

Tgt Ion: 91 Resp: 583227

Ion Ratio Lower Upper

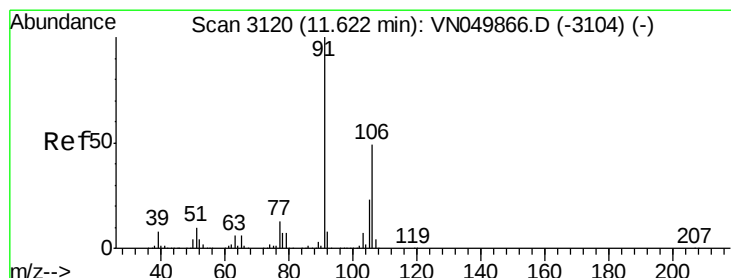
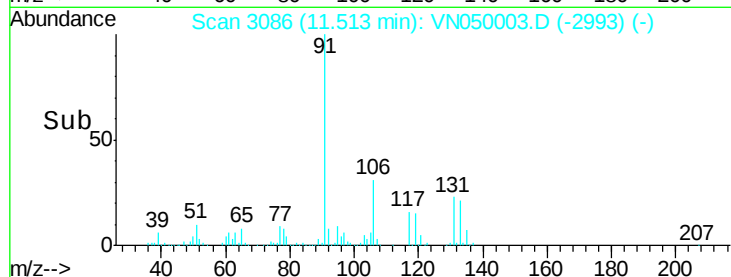
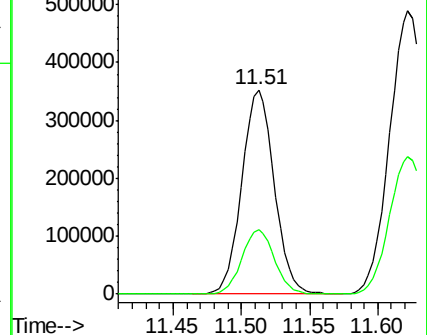
91 100

106 31.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.470 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050003.D

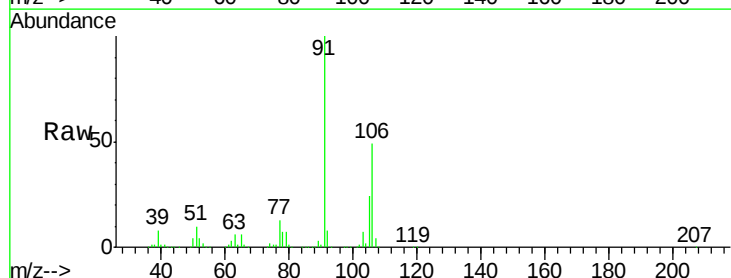
Acq: 23 Jul 2018 10:45

Tgt Ion: 106 Resp: 456400

Ion Ratio Lower Upper

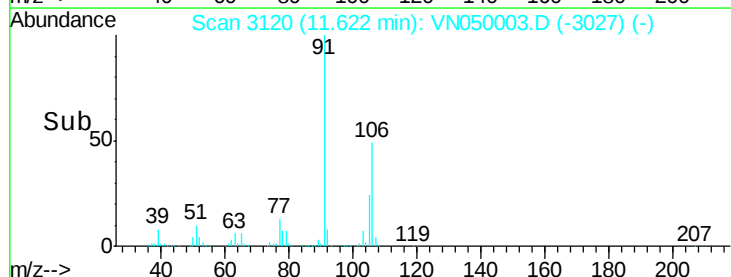
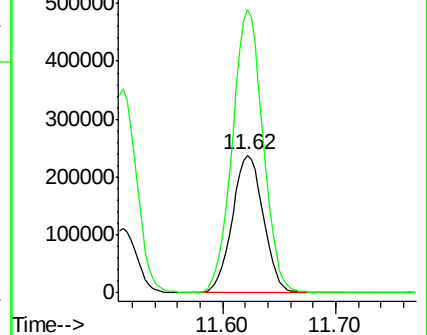
106 100

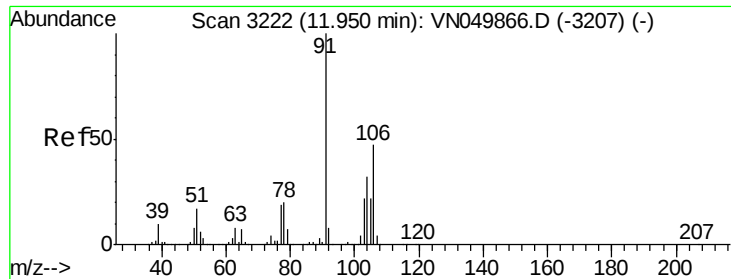
91 201.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

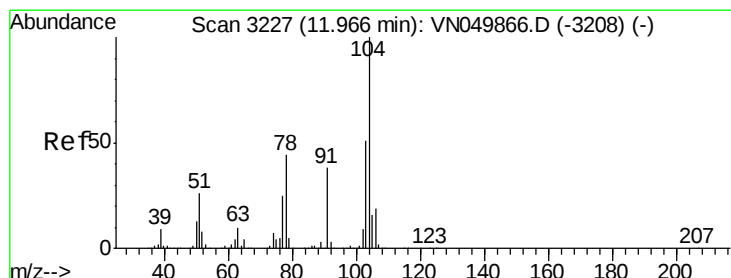
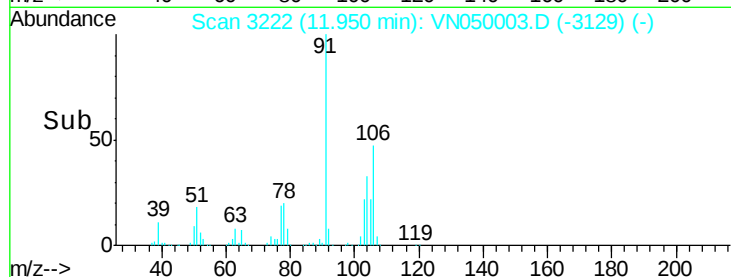
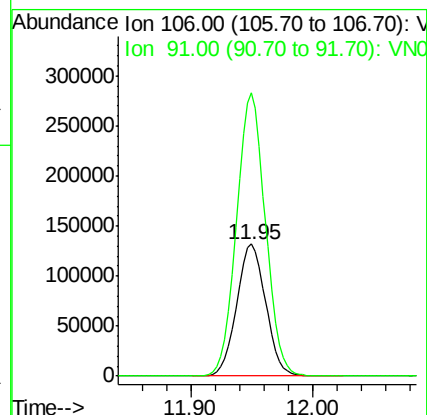
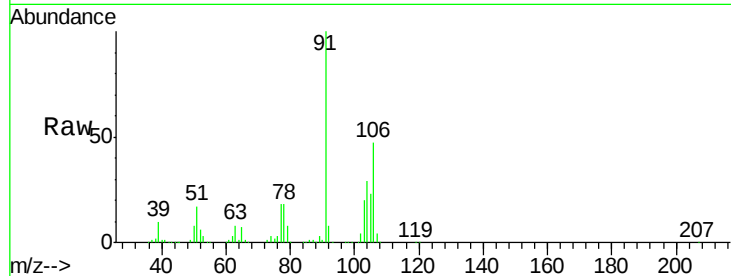




#69
o-Xylene
Concen: 19.175 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

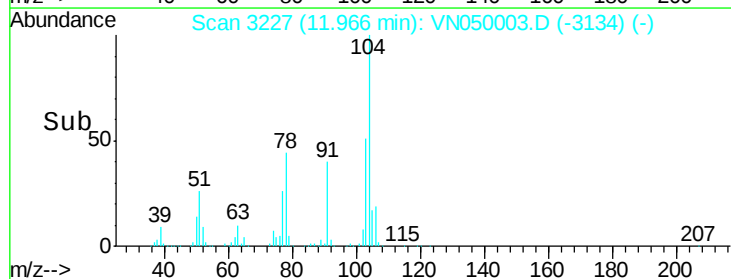
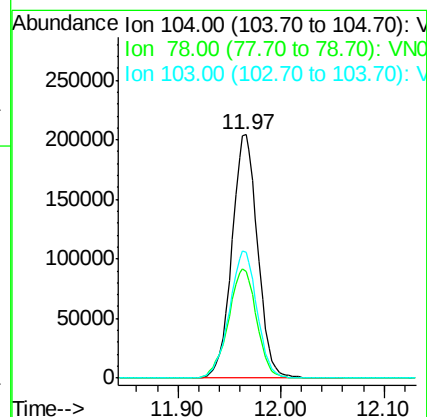
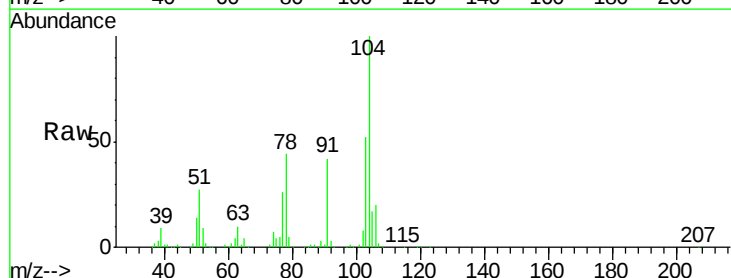
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

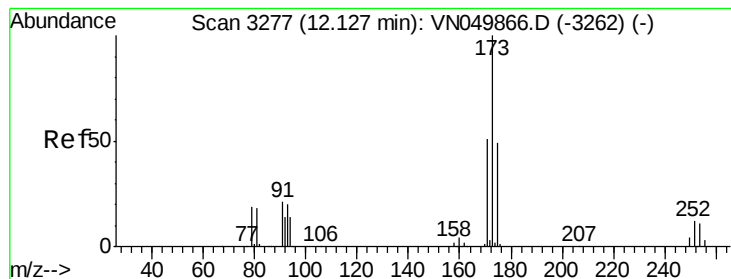
Tgt Ion:106 Resp: 218501
Ion Ratio Lower Upper
106 100
91 213.0 108.7 326.1



#70
Styrene
Concen: 19.270 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050003.D
Acq: 23 Jul 2018 10:45

Tgt Ion:104 Resp: 355667
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 56.0 44.6 67.0





#71

Bromoform

Concen: 19.397 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

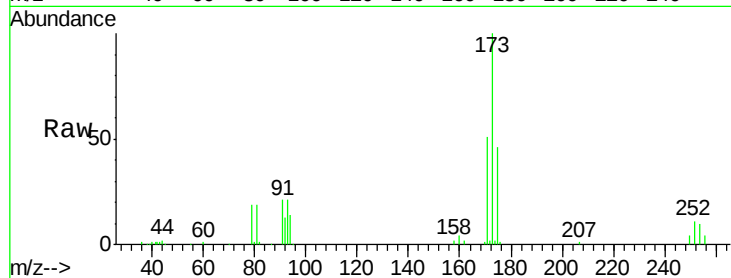
Tgt Ion:173 Resp: 103839

Ion Ratio Lower Upper

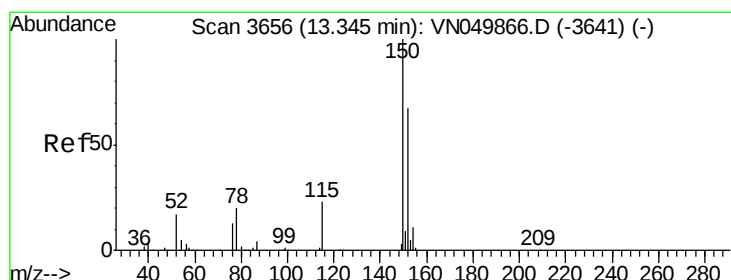
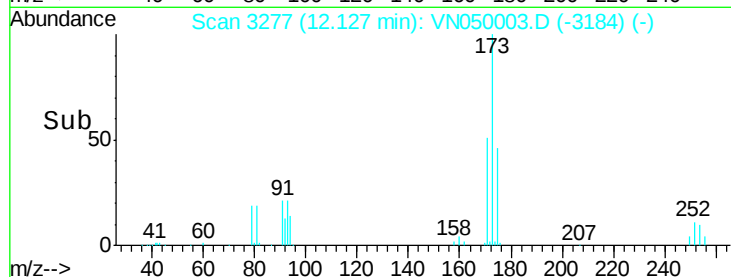
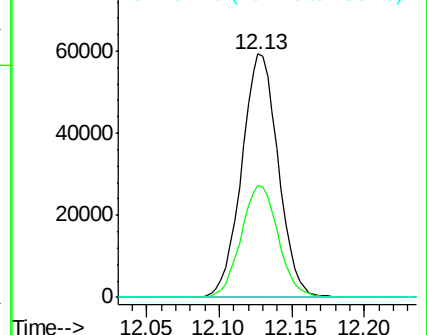
173 100

175 46.7 24.6 73.8

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

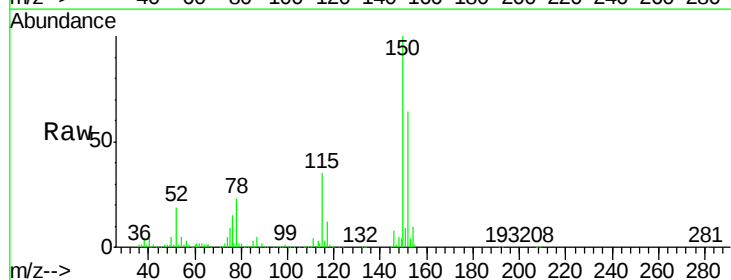
Tgt Ion:152 Resp: 389803

Ion Ratio Lower Upper

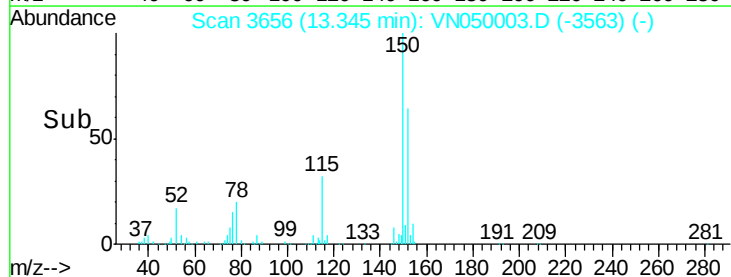
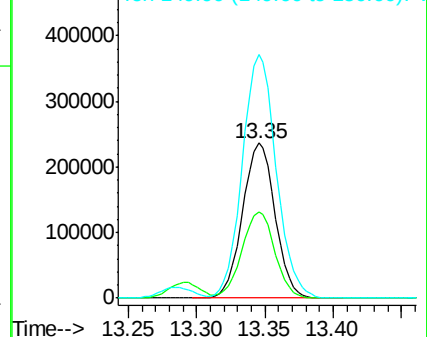
152 100

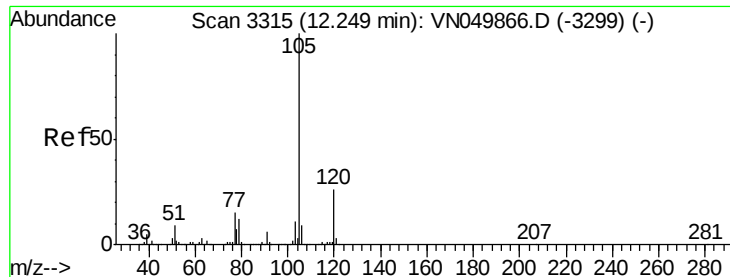
115 56.3 28.1 84.2

150 164.1 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.724 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

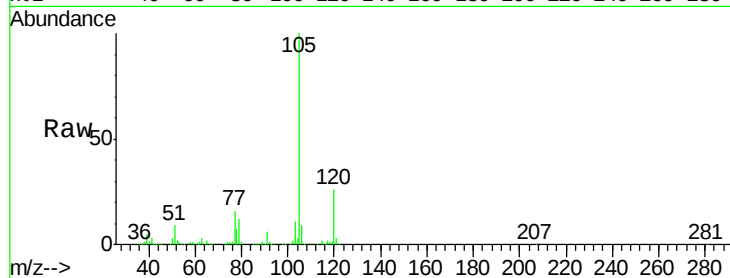
VN0723WBSD01

Tgt Ion: 105 Resp: 584006

Ion Ratio Lower Upper

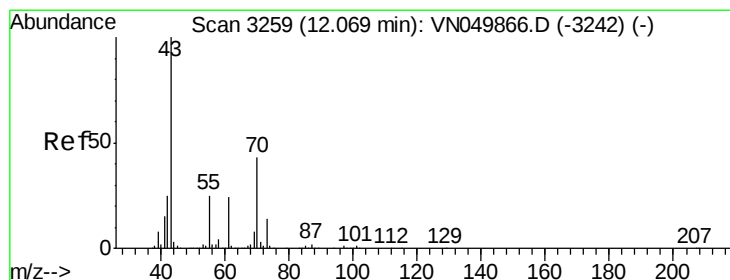
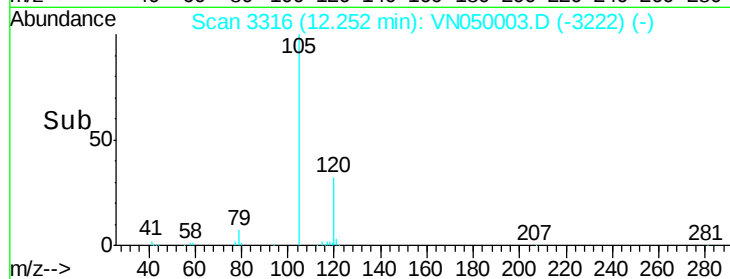
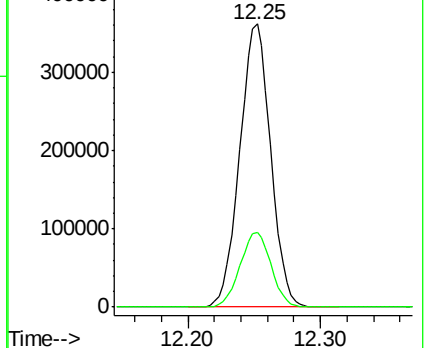
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.756 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Tgt Ion: 43 Resp: 169041

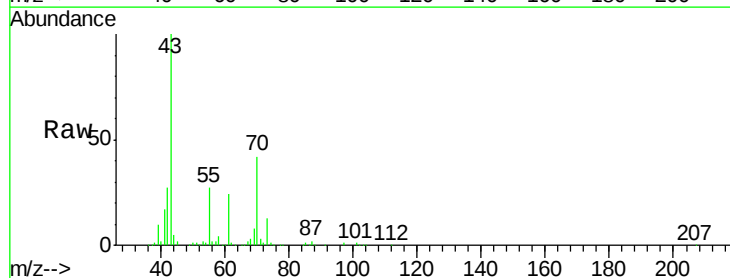
Ion Ratio Lower Upper

43 100

70 42.4 34.8 52.2

55 27.4 20.9 31.3

61 24.5 19.9 29.9

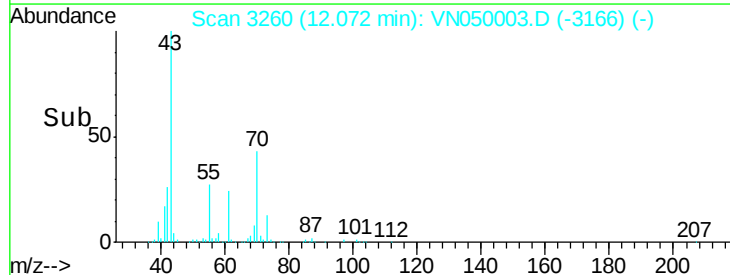
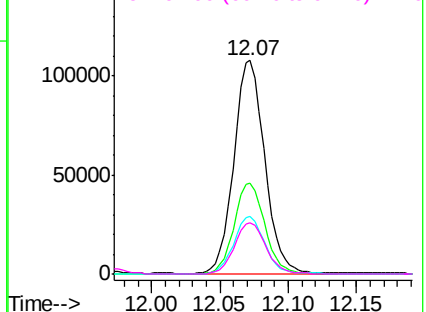


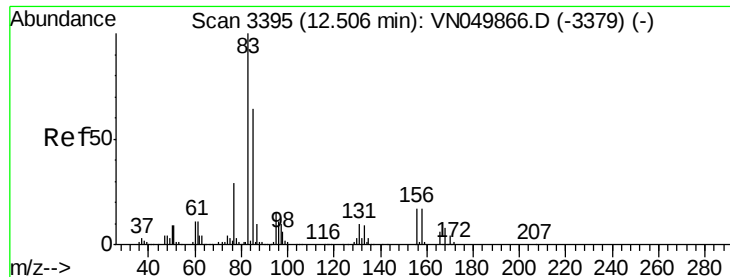
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.237 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

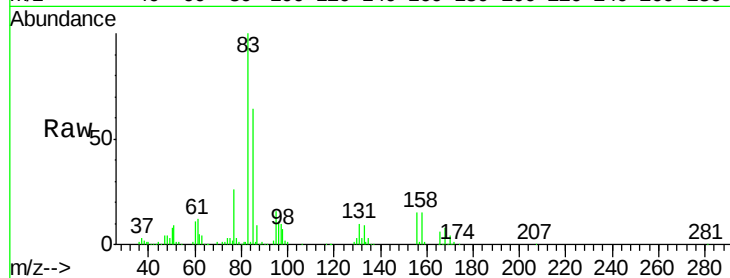
Tgt Ion: 83 Resp: 170657

Ion Ratio Lower Upper

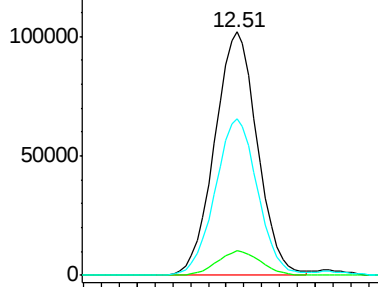
83 100

131 10.3 5.2 15.6

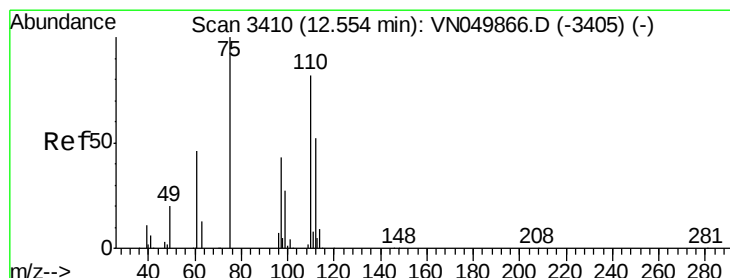
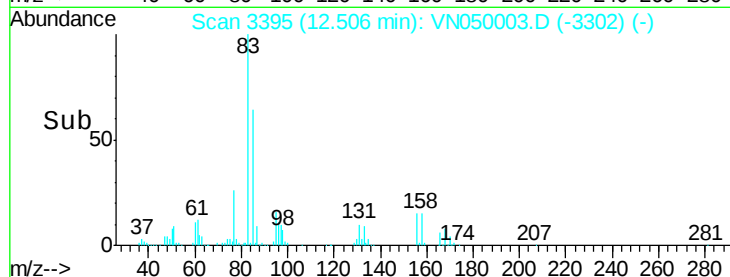
85 64.0 32.5 97.4



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



Time-->



#76

1,2,3-Trichloropropane

Concen: 27.787 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050003.D

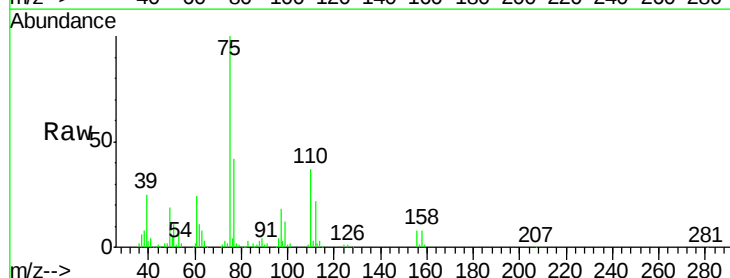
Acq: 23 Jul 2018 10:45

Tgt Ion: 75 Resp: 203183

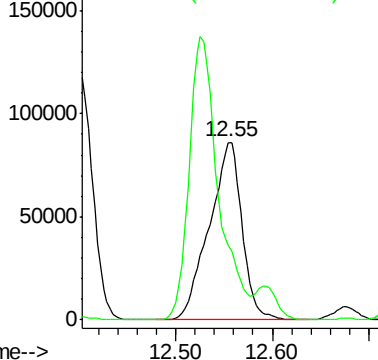
Ion Ratio Lower Upper

75 100

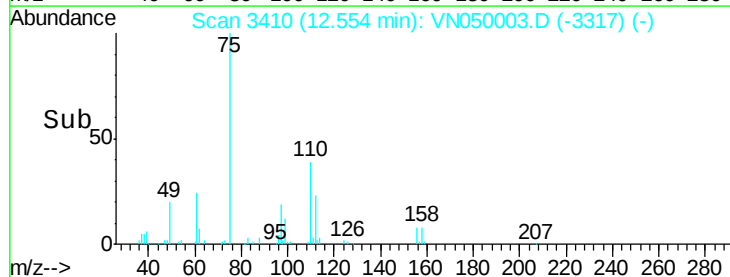
77 0.0 0.0 0.0

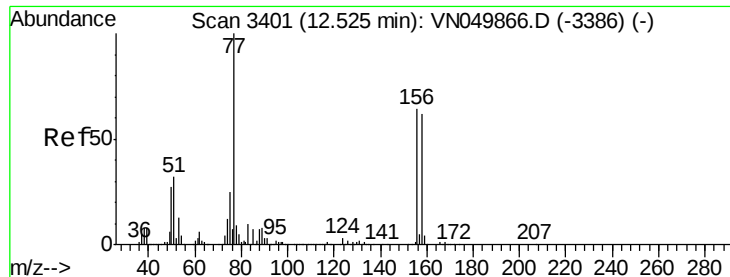


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0



Time-->





#77

Bromobenzene

Concen: 19.242 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

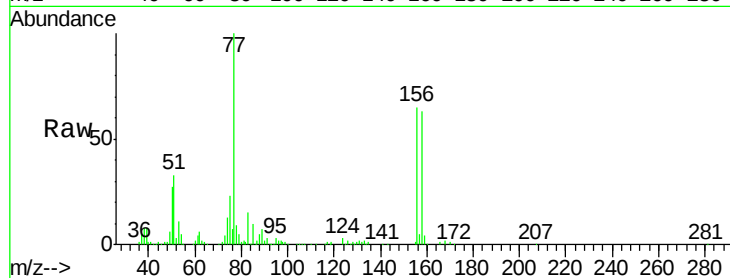
Tgt Ion:156 Resp: 157327

Ion Ratio Lower Upper

156 100

77 182.9 90.2 270.6

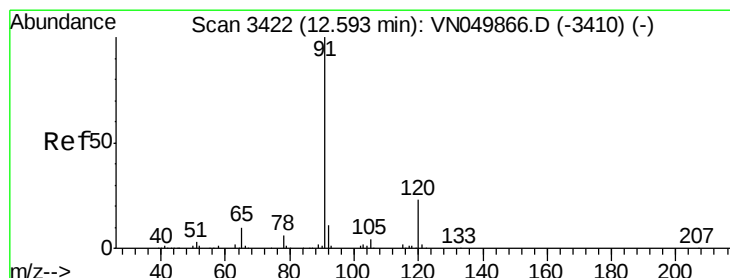
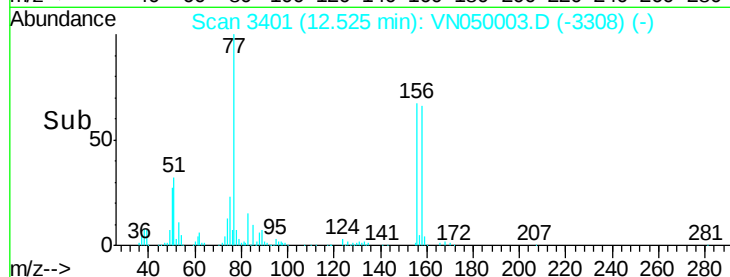
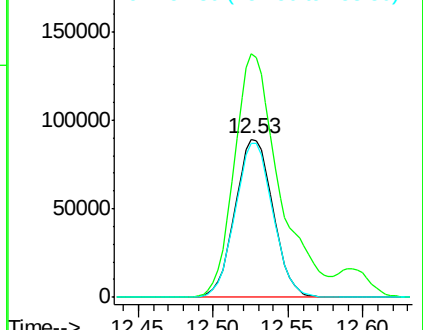
158 97.4 49.1 147.3



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: 20.085 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050003.D

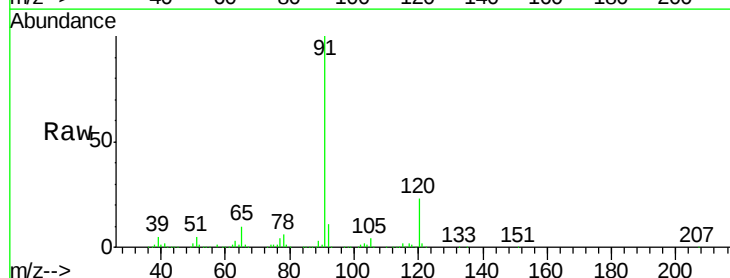
Acq: 23 Jul 2018 10:45

Tgt Ion: 91 Resp: 676117

Ion Ratio Lower Upper

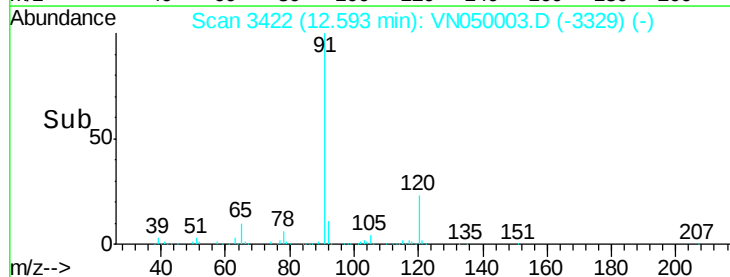
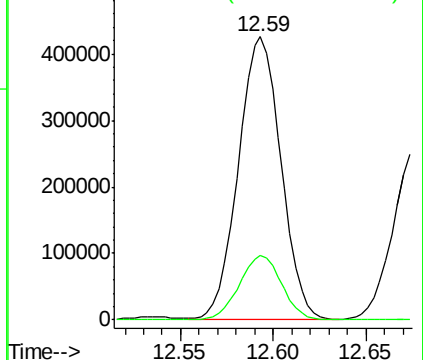
91 100

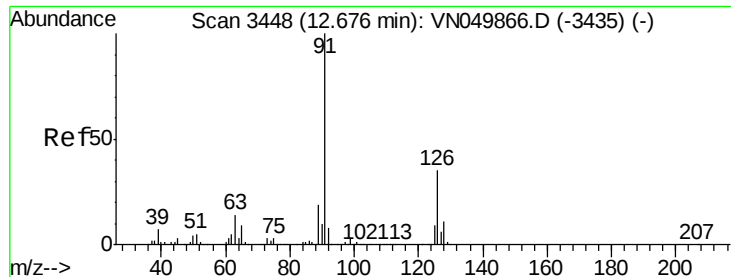
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.084 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

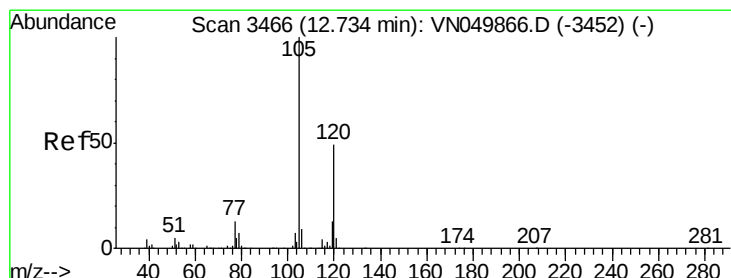
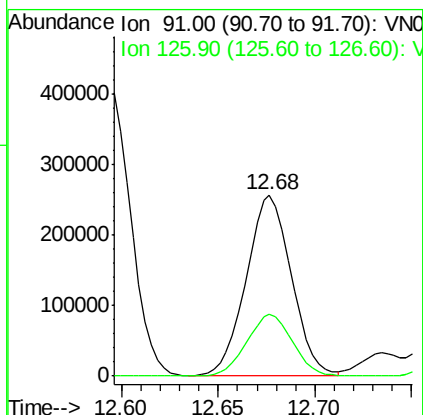
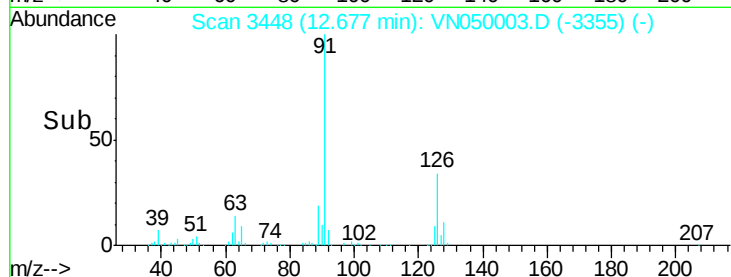
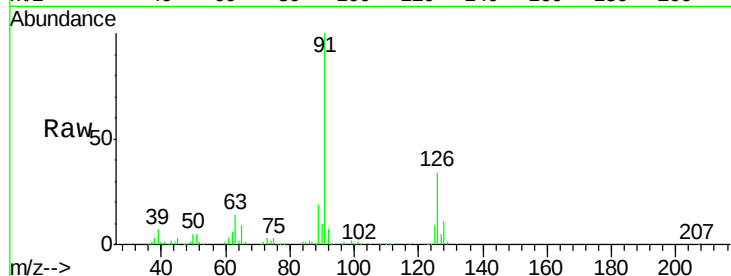
VN0723WBSD01

Tgt Ion: 91 Resp: 415128

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.293 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050003.D

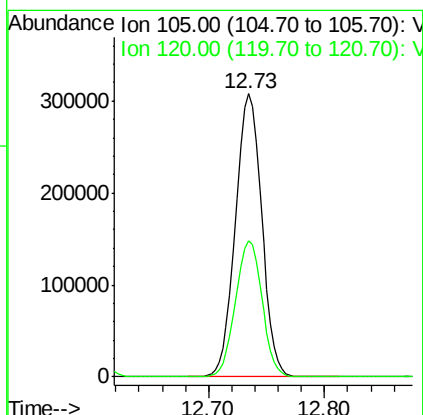
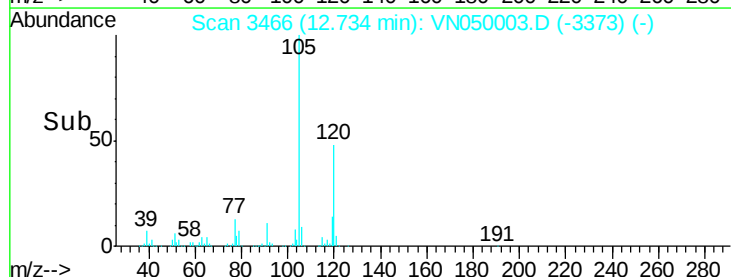
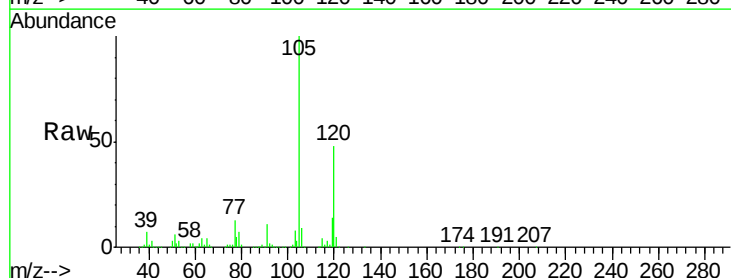
Acq: 23 Jul 2018 10:45

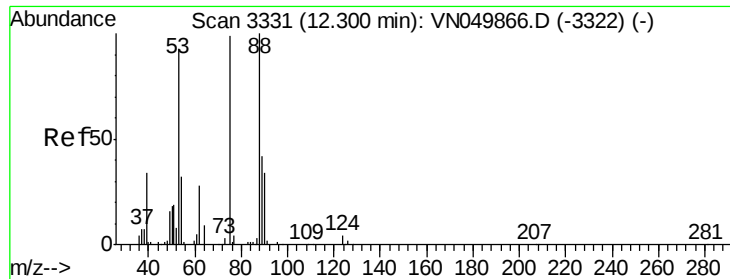
Tgt Ion: 105 Resp: 481602

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.824 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

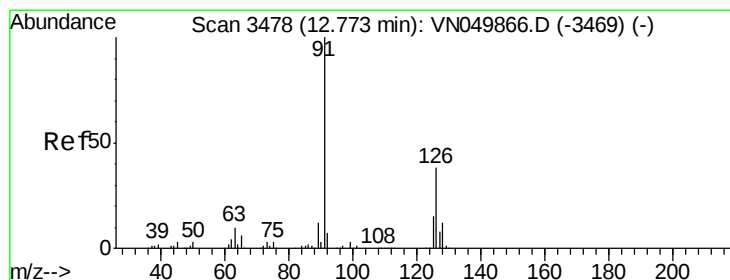
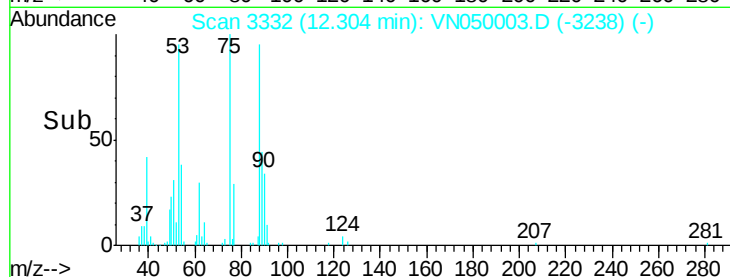
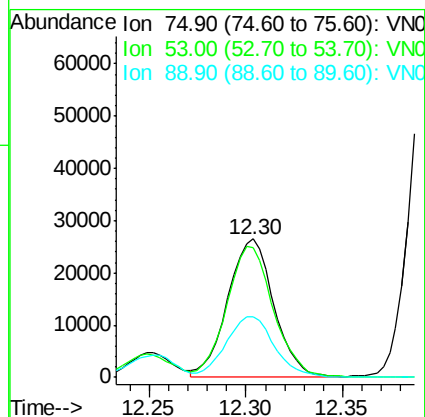
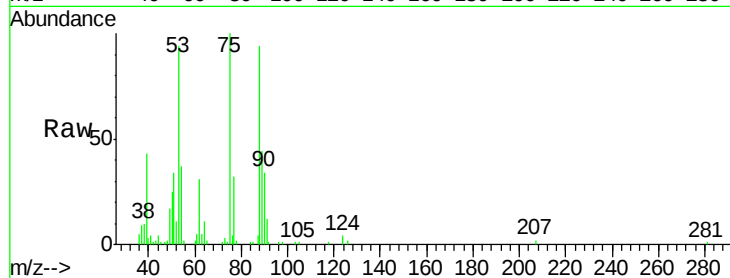
Tgt Ion: 75 Resp: 44019

Ion Ratio Lower Upper

75 100

53 96.0 73.9 110.9

89 45.9 35.9 53.9



#82

4-Chlorotoluene

Concen: 19.755 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050003.D

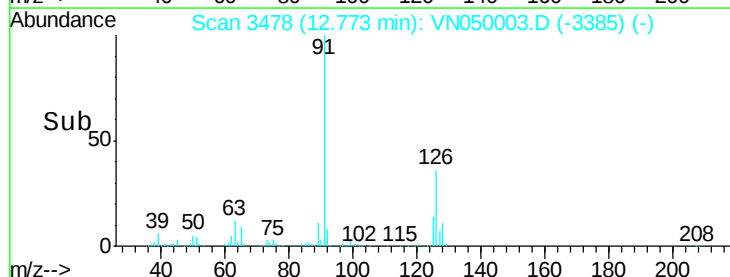
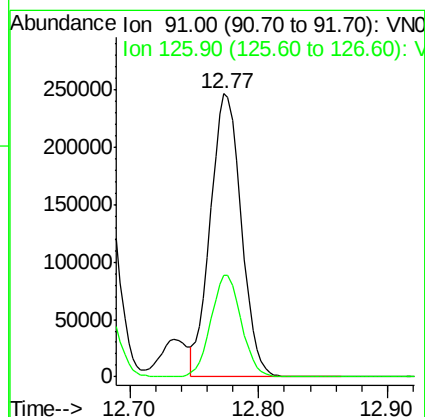
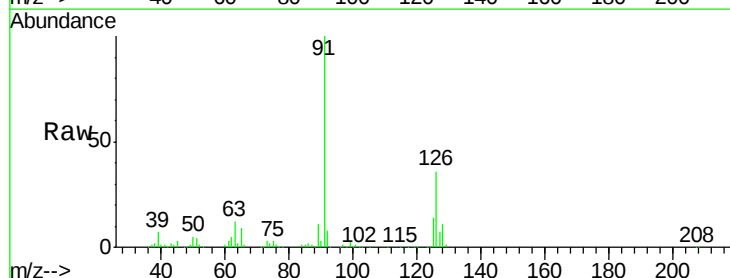
Acq: 23 Jul 2018 10:45

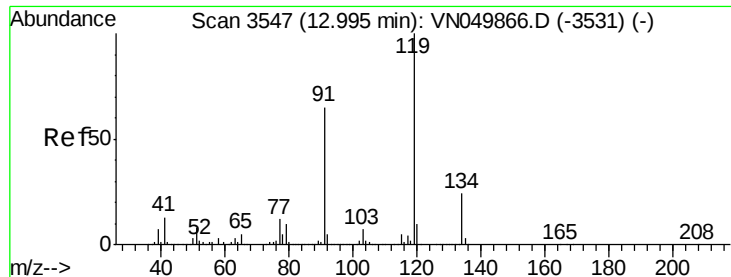
Tgt Ion: 91 Resp: 409636

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.6

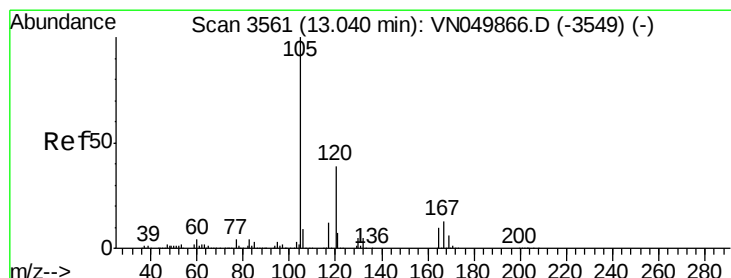
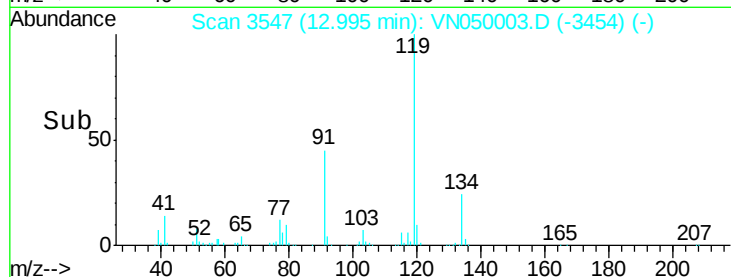
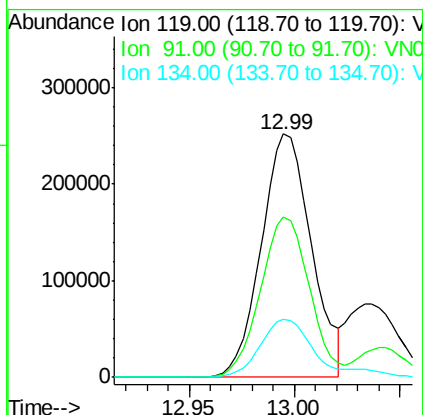
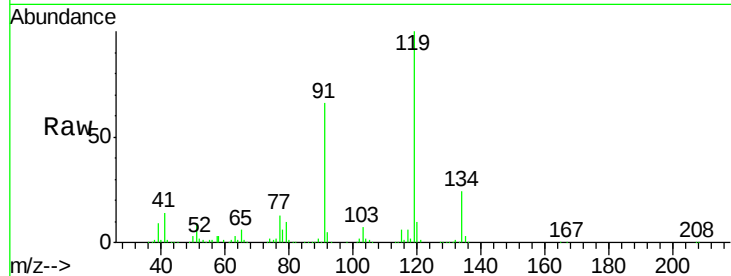




#83
 tert-Butylbenzene
 Concen: 20.045 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

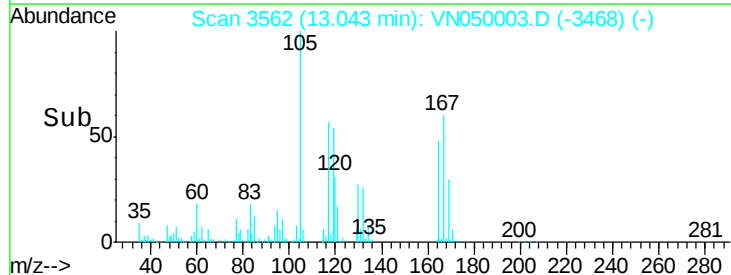
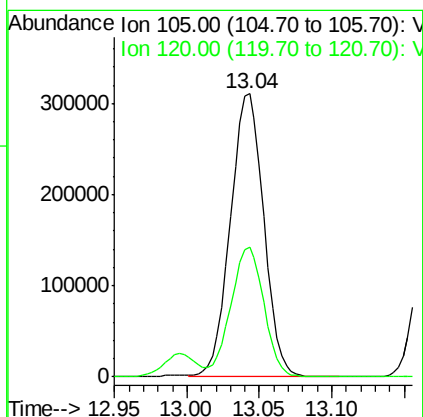
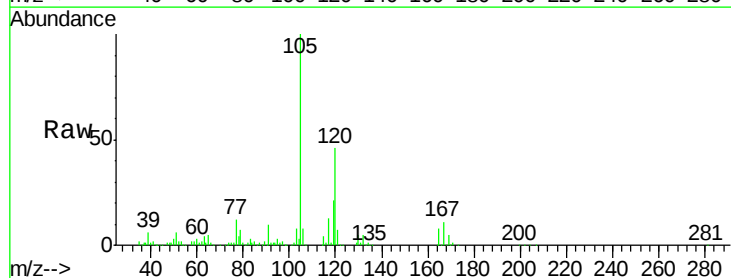
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

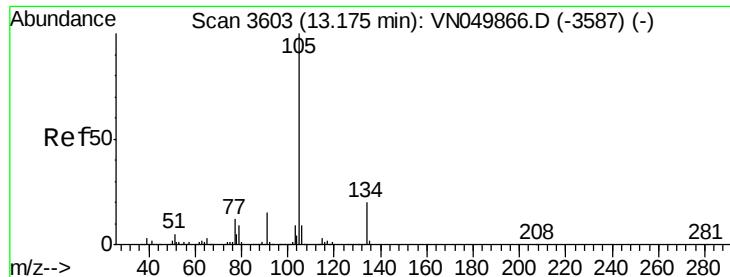
Tgt Ion:119 Resp: 417779
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.0 96.2
 134 26.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.581 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion:105 Resp: 494786
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1

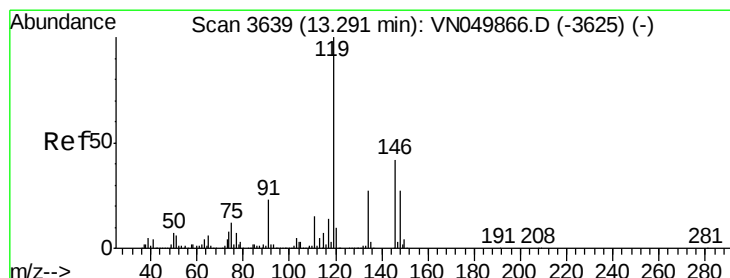
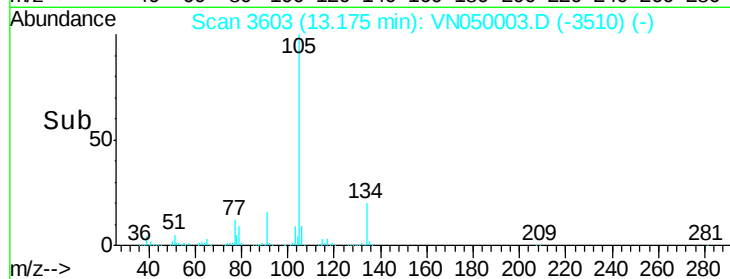
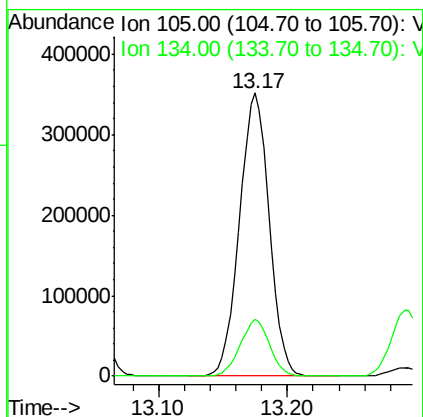
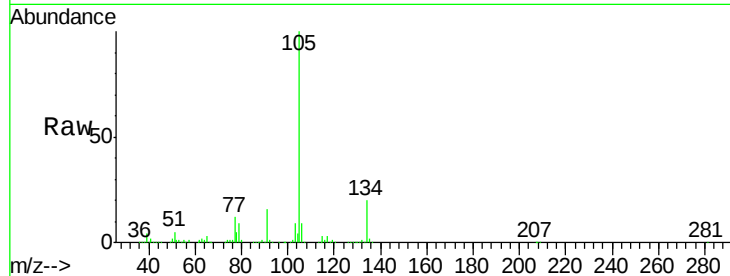




#85
 sec-Butylbenzene
 Concen: 20.424 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

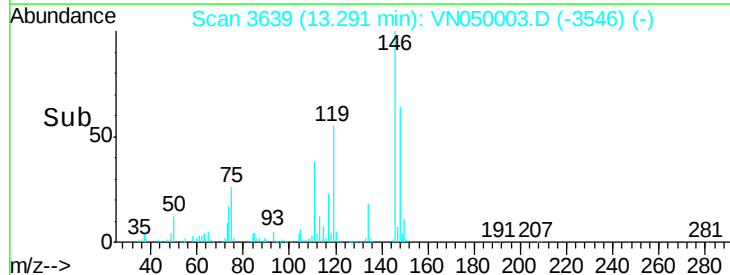
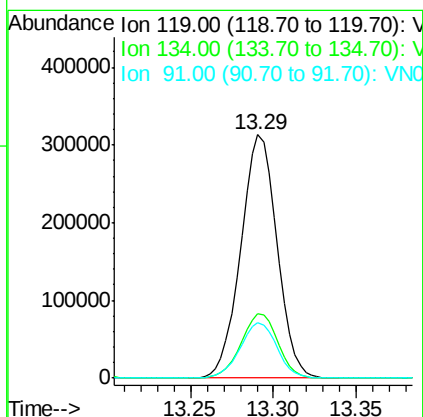
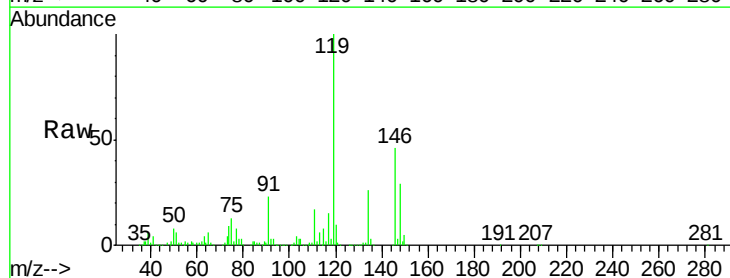
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

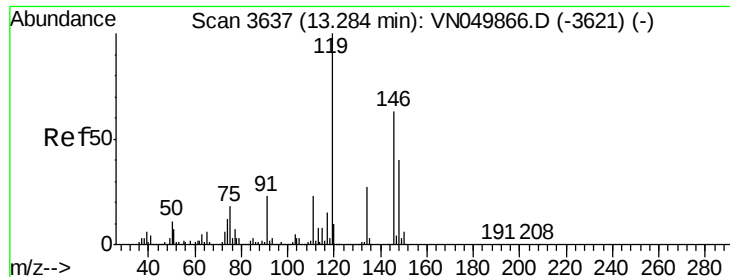
Tgt Ion:105 Resp: 562522
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.250 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion:119 Resp: 475463
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 23.0 11.4 34.1

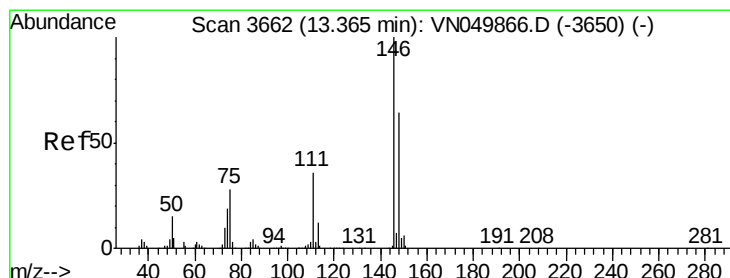
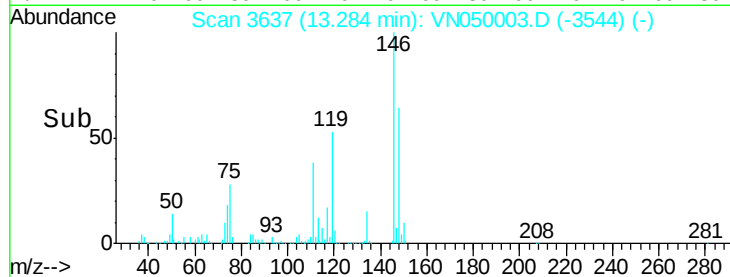
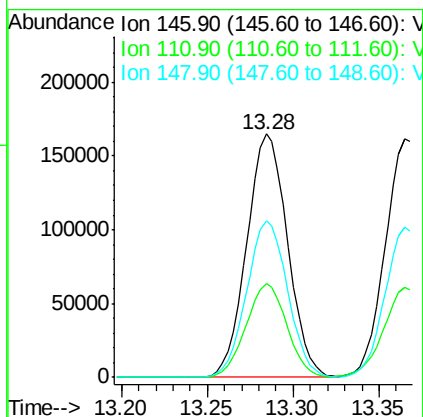
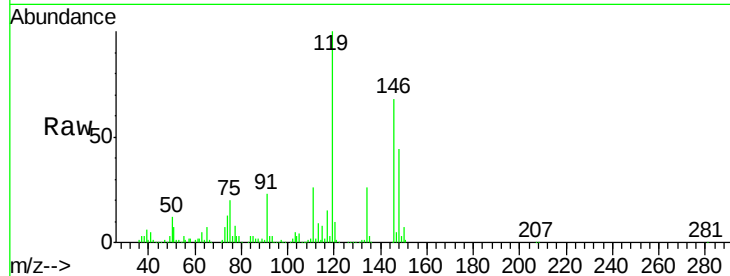




#87
 1,3-Dichlorobenzene
 Concen: 19.067 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

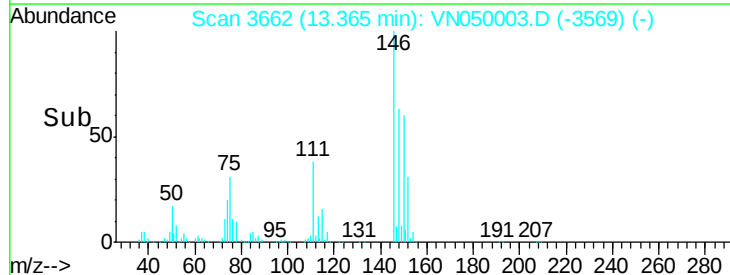
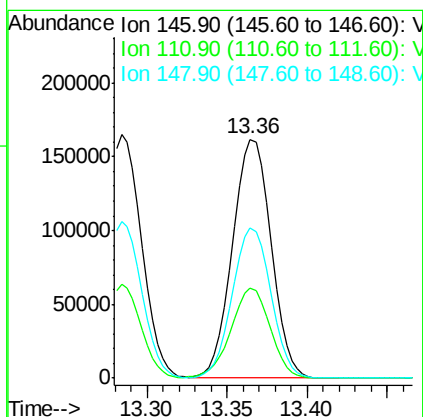
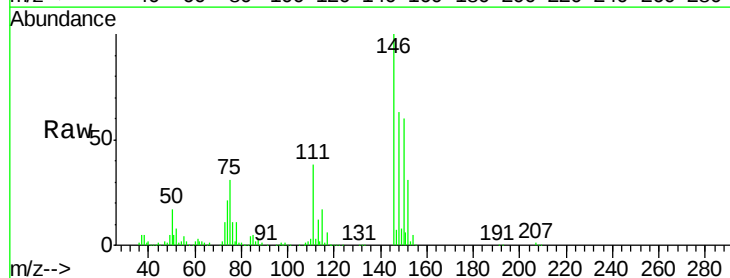
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

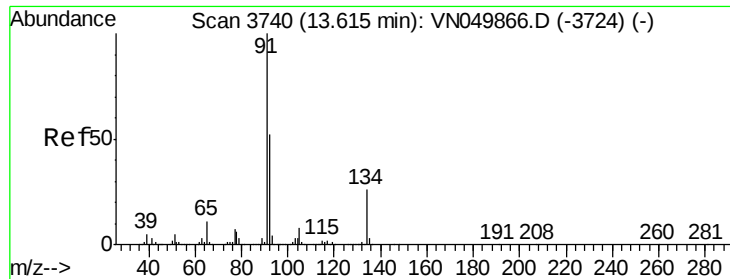
Tgt Ion:146 Resp: 271628
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.0 57.0
 148 64.5 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.650 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion:146 Resp: 266373
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.5
 148 63.0 32.1 96.3





#89

n-Butylbenzene

Concen: 19.412 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

VN0723WBSD01

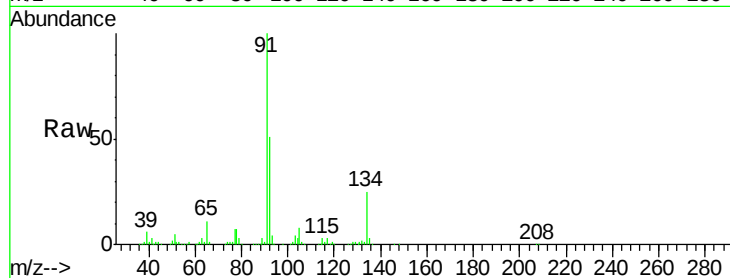
Tgt Ion: 91 Resp: 376338

Ion Ratio Lower Upper

91 100

92 51.2 25.8 77.3

134 25.2 13.0 38.9

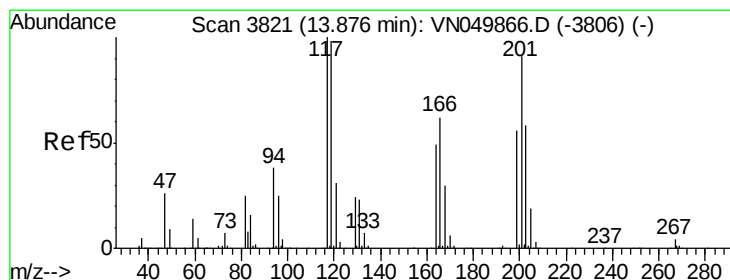
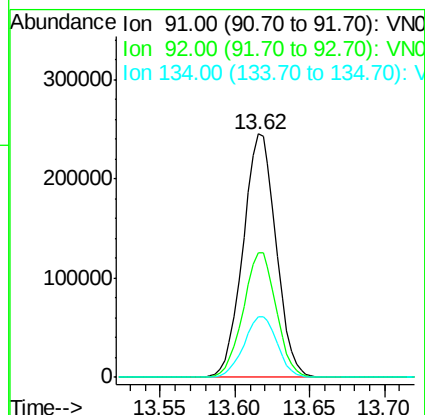
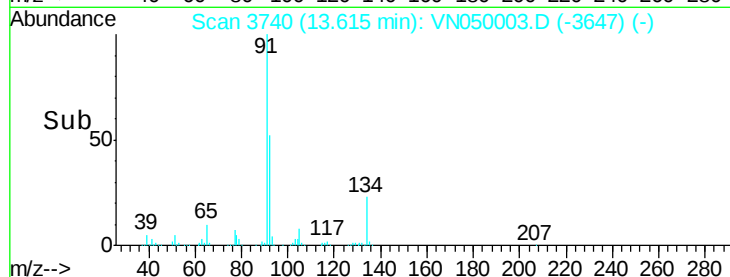


Abundance Ion 91.00 (90.70 to 91.70): VN049866.D (-3724) (-)

Ion 92.00 (91.70 to 92.70): VN049866.D (-3724) (-)

Ion 134.00 (133.70 to 134.70): VN049866.D (-3724) (-)

Time-->



#90

Hexachloroethane

Concen: 18.416 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050003.D

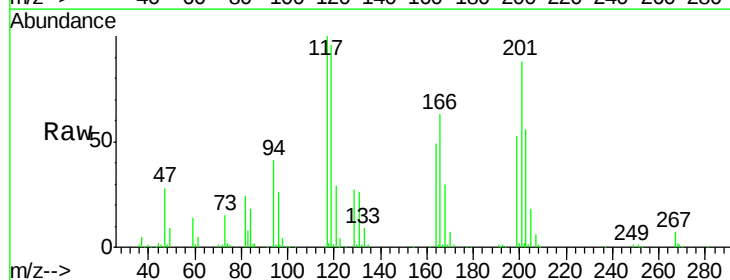
Acq: 23 Jul 2018 10:45

Tgt Ion: 117 Resp: 97046

Ion Ratio Lower Upper

117 100

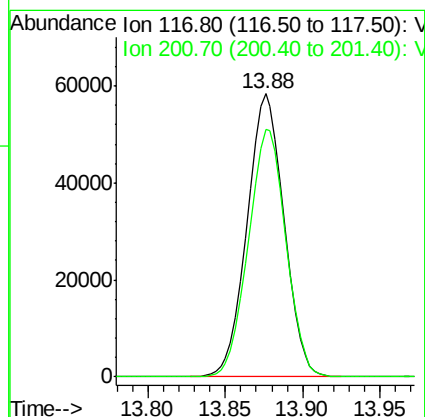
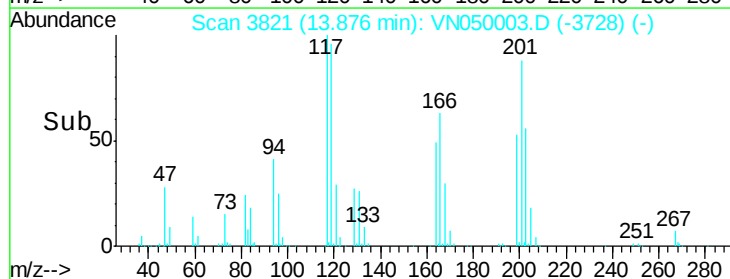
201 88.9 45.3 135.8

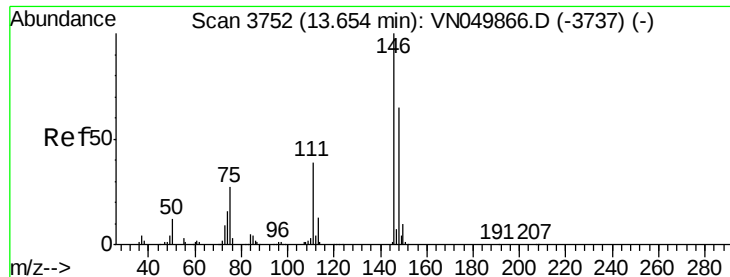


Abundance Ion 116.80 (116.50 to 117.50): VN049866.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN049866.D (-3806) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.586 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

VN0723WBSD01

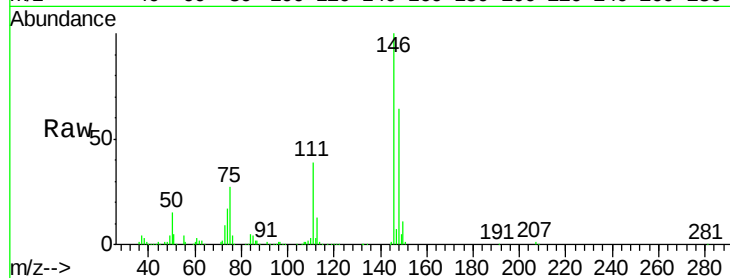
Tgt Ion:146 Resp: 274334

Ion Ratio Lower Upper

146 100

111 38.8 19.7 59.1

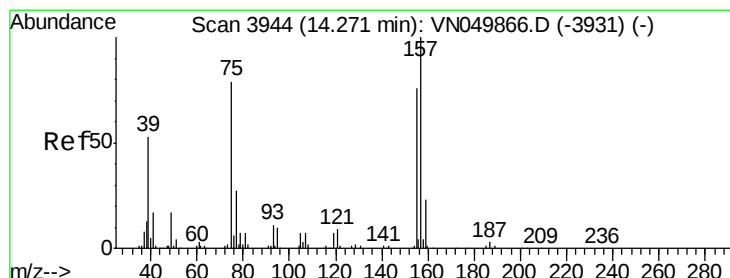
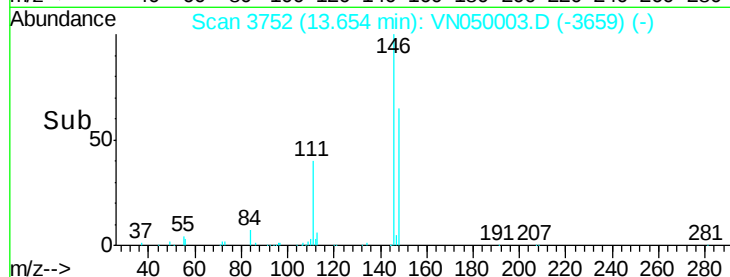
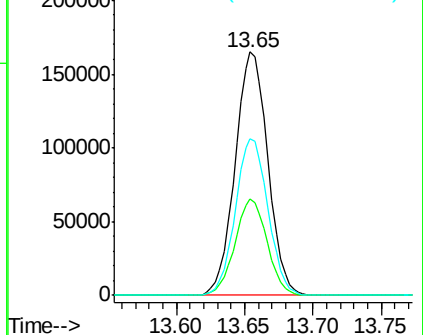
148 64.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.211 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

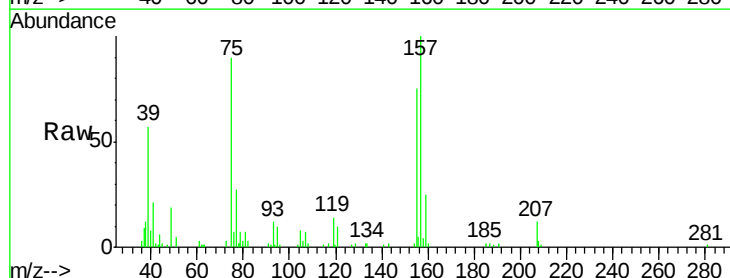
Tgt Ion: 75 Resp: 26332

Ion Ratio Lower Upper

75 100

155 88.8 45.7 137.1

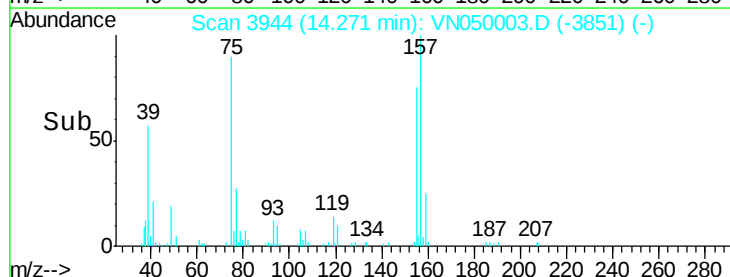
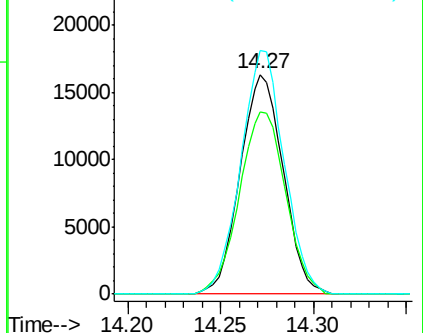
157 111.8 56.9 170.7

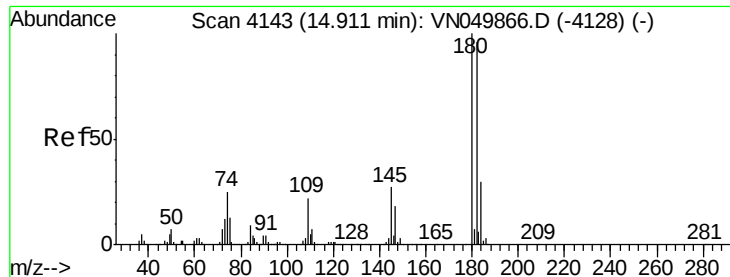


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

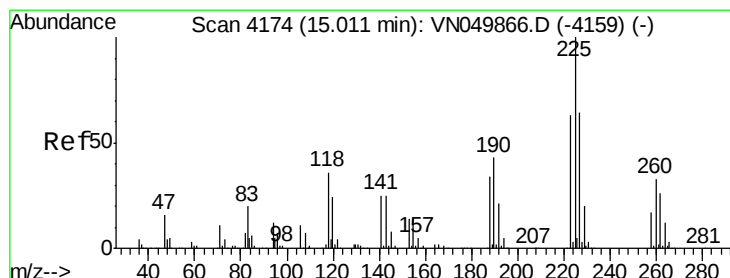
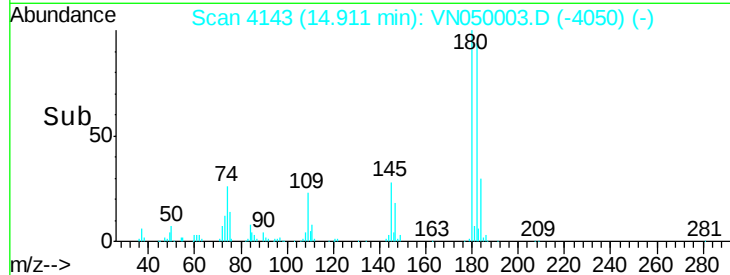
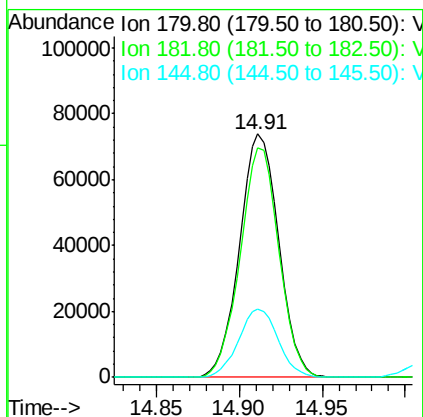
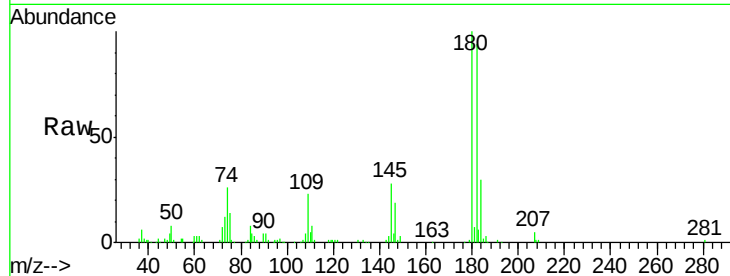




#93
 1,2,4-Trichlorobenzene
 Concen: 18.139 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

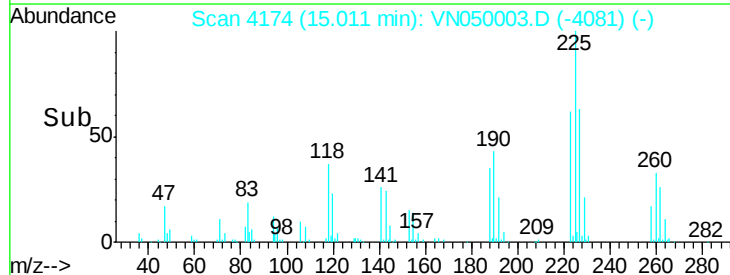
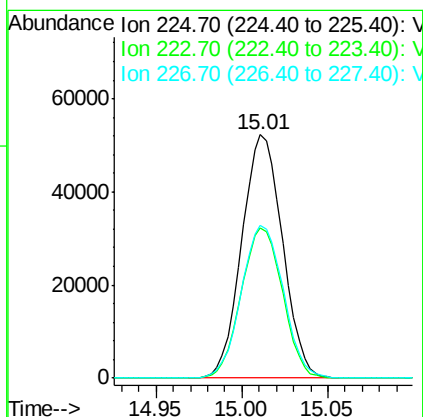
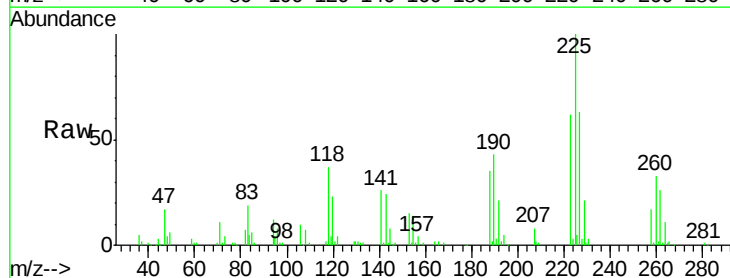
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

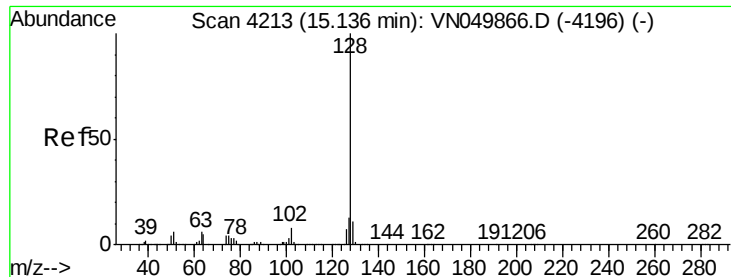
Tgt Ion:180 Resp: 121705
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.3 141.9
 145 28.3 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 18.758 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050003.D
 Acq: 23 Jul 2018 10:45

Tgt Ion:225 Resp: 86103
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.9 92.7
 227 64.7 31.8 95.4





#95

Naphthalene

Concen: 16.754 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

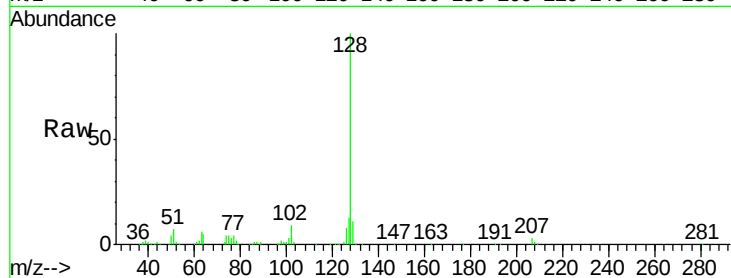
Tgt Ion:128 Resp: 248745

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 10.9 8.6 13.0

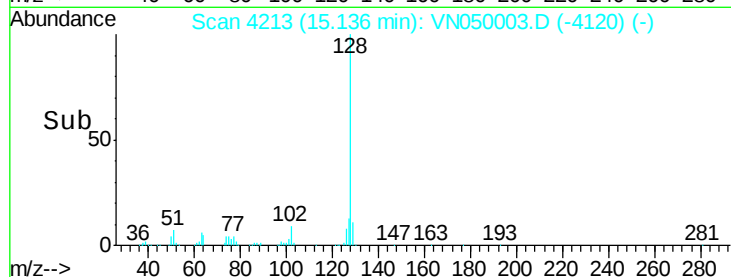


Abundance Ion 128.00 (127.70 to 128.70): V

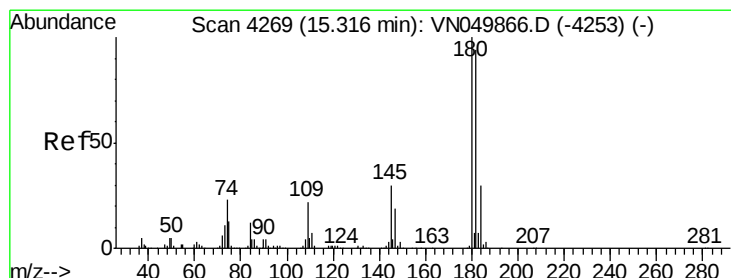
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.14



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 18.957 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050003.D

Acq: 23 Jul 2018 10:45

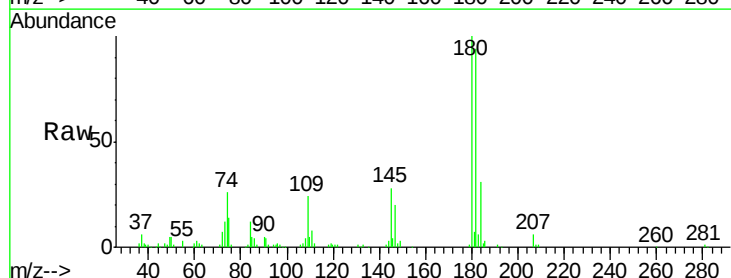
Tgt Ion:180 Resp: 127390

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.2

145 29.8 15.2 45.6

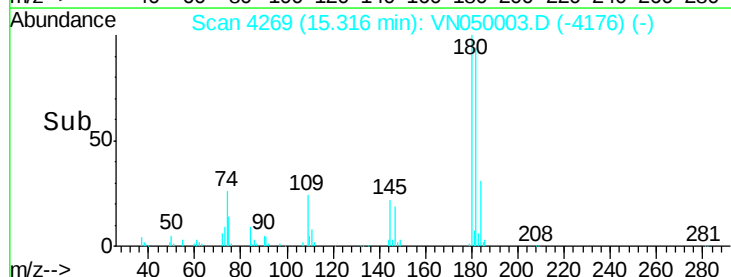


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.32



Time-->