

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN012418\
 Data File : VN046550.D
 Acq On : 24 Jan 2018 17:40
 Operator : MD\SY
 Sample : VN0124WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Quant Time: Jan 25 03:12:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N012418W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 24 12:28:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	34659	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	218876	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	190851	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	97341	30.99	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.30%
60) 4-Bromofluorobenzene	12.41	95	100081	29.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.63%
63) Toluene-d8	10.09	98	278128	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	44834	19.89	ug/l	99
3) Chloromethane	2.06	50	81055	21.21	ug/l	100
4) Vinyl Chloride	2.18	62	71121	20.36	ug/l	99
5) Bromomethane	2.57	94	38590	20.58	ug/l	98
6) Chloroethane	2.71	64	41377	20.72	ug/l	96
7) Trichlorofluoromethane	3.02	101	70475	20.61	ug/l	98
8) Diethyl Ether	3.41	74	33327	20.18	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	46070	20.12	ug/l	99
10) 1,1-Dichloroethene	3.73	96	46613	20.18	ug/l	99
11) Methyl Iodide	3.95	142	30950	16.17	ug/l	99
12) Methyl Acetate	4.33	43	53653	20.41	ug/l	100
13) Acrolein	3.61	56	29551	91.39	ug/l	96
14) Acrylonitrile	4.99	53	111639	101.84	ug/l	99
15) Acetone	3.82	58	33507	101.40	ug/l	86
16) Carbon Disulfide	4.05	76	150011	19.44	ug/l	100
17) Allyl chloride	4.32	41	109173	20.24	ug/l	97
18) Methylene Chloride	4.55	84	55872	20.35	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	49146	20.36	ug/l	93
20) Diisopropyl ether	5.96	45	192421	19.35	ug/l	99
21) 1,1-Dichloroethane	5.85	63	109891	20.36	ug/l	98
22) cis-1,2-Dichloroethene	6.83	96	57396	20.43	ug/l	98
23) tert-Butyl Alcohol	4.80	59	26809	102.18	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	154006	20.41	ug/l	100
25) Chloroform	7.37	83	95539	20.21	ug/l	98
26) Cyclohexane	7.65	56	102063	19.69	ug/l #	100
29) 1,1-Dichloropropene	7.79	75	75630	18.76	ug/l	99
30) 2-Butanone	6.84	43	142261	96.18	ug/l	100
31) 2,2-Dichloropropane	6.83	77	87743	19.48	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	78095	19.58	ug/l	100
33) Carbon Tetrachloride	7.77	117	62046	19.34	ug/l	97
34) Benzene	8.04	78	230207	19.95	ug/l	97
35) Methacrylonitrile	7.18	41	36229	20.92	ug/l	99
36) 1,2-Dichloroethane	8.13	62	79110	19.35	ug/l	100
37) Trichloroethene	8.83	130	50909	19.59	ug/l	98
38) Methylcyclohexane	9.08	83	89530	18.49	ug/l	97
39) 1,2-Dichloropropane	9.12	63	66192	19.85	ug/l	99
40) Dibromomethane	9.21	93	33021	19.56	ug/l	99

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 Data File : VN046550.D
 Acq On : 24 Jan 2018 17:40
 Operator : MD\SY
 Sample : VN0124WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Quant Time: Jan 25 03:12:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N012418W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 24 12:28:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	74261	19.26	ug/l	98
42) Vinyl Acetate	5.90	43	749287	97.66	ug/l	100
43) Ethyl Acetate	6.93	43	59516	20.28	ug/l	98
44) Isopropyl Acetate	8.17	43	105447	18.97	ug/l	97
45) 1,4-Dioxane	9.20	88	11019	373.46	ug/l	99
46) Methyl methacrylate	9.20	41	52265	18.95	ug/l	97
47) n-amyl Acetate	12.08	43	96657	18.81	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	79260	18.47	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	93058	18.94	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	47409	19.65	ug/l	99
51) Ethyl methacrylate	10.43	69	75165	19.34	ug/l	100
52) 1,3-Dichloropropane	10.71	76	87897	19.35	ug/l	99
53) Dibromochloromethane	10.90	129	47575	19.26	ug/l	98
54) 1,2-Dibromoethane	11.01	107	42060	19.37	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	161169	97.65	ug/l	100
56) Bromoform	12.13	173	28263	18.53	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	292849	99.79	ug/l	100
59) 2-Hexanone	10.76	43	203969	98.15	ug/l	100
61) Tetrachloroethene	10.63	164	42571	19.85	ug/l	99
62) Toluene	10.16	91	229214	19.64	ug/l	99
64) Chlorobenzene	11.44	112	131766	19.34	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	44454	19.39	ug/l	99
66) Ethyl Benzene	11.52	91	251936	19.66	ug/l	100
67) m/p-Xylenes	11.63	106	178203	38.70	ug/l	100
68) o-Xylene	11.95	106	87797	19.66	ug/l	98
69) Styrene	11.97	104	142626	19.32	ug/l	100
70) Isopropylbenzene	12.26	105	233324	19.64	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	60866	19.84	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	79807	31.58	ug/l	50
73) Bromobenzene	12.53	156	48863	19.57	ug/l	97
74) n-propylbenzene	12.60	91	288567	19.36	ug/l	100
75) 2-Chlorotoluene	12.68	91	169686	19.52	ug/l	99
76) 1,3,5-Trimethylbenzene	12.74	105	196427	19.53	ug/l	99
77) t-1,4-Dichloro-2-butene	12.31	75	17703	18.50	ug/l	96
78) 4-Chlorotoluene	12.78	91	170834	19.24	ug/l	100
79) tert-butylbenzene	13.00	119	164330	19.59	ug/l	100
80) 1,2,4-Trimethylbenzene	13.18	105	235277	23.15	ug/l	100
81) sec-Butylbenzene	13.18	105	235277	19.37	ug/l	100
82) p-Isopropyltoluene	13.30	119	194637	19.15	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	88445	19.21	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	86458	19.10	ug/l	99
85) n-Butylbenzene	13.62	91	194070	18.92	ug/l	100
86) Hexachloroethane	13.88	117	35006	18.50	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	87745	19.82	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.28	75	10728	19.40	ug/l	97
89) 1,2,4-Trichlorobenzene	14.92	180	48799	18.71	ug/l	99
90) Hexachlorobutadiene	15.02	225	26594	19.07	ug/l	99
91) Naphthalene	15.14	128	117143	18.76	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	47190	18.84	ug/l	98

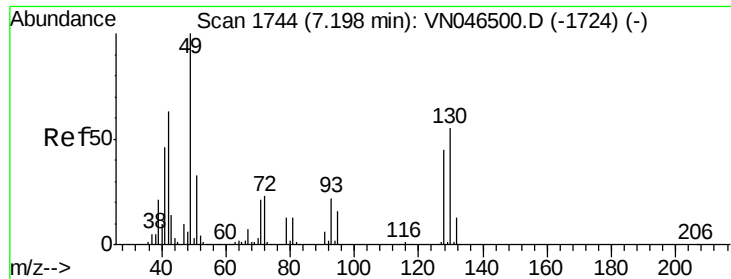
Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN012418\
Data File : VN046550.D
Acq On : 24 Jan 2018 17:40
Operator : MD\SY
Sample : VN0124WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Quant Time: Jan 25 03:12:14 2018
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N012418W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 24 12:28:49 2018
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

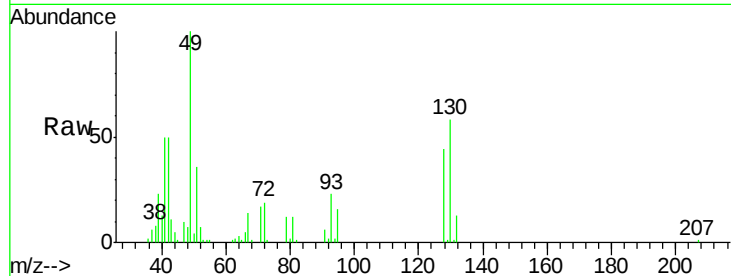
Tgt Ion:128 Resp: 34659

Ion Ratio Lower Upper

128 100

49 228.3 0.0 566.8

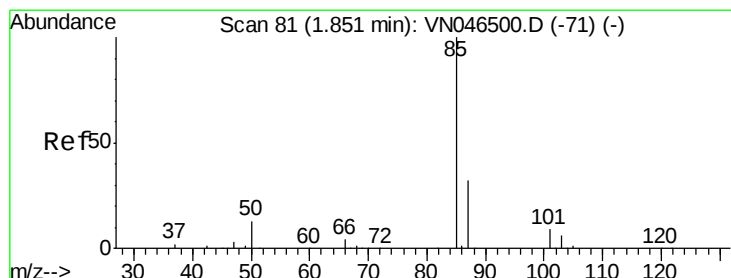
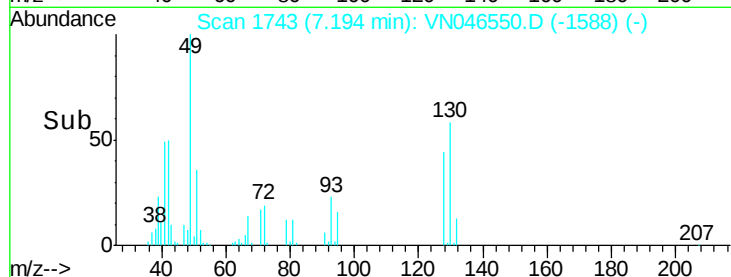
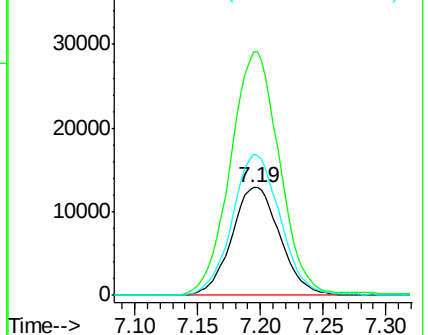
130 129.6 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.89 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN046550.D

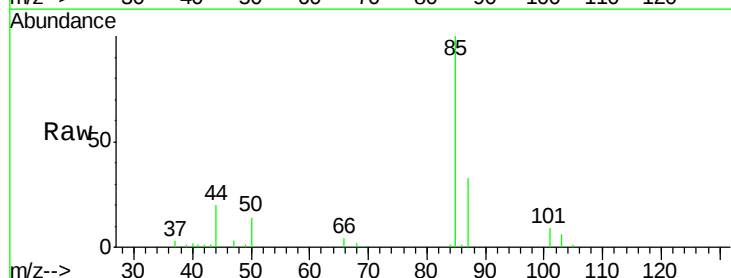
Acq: 24 Jan 2018 17:40

Tgt Ion: 85 Resp: 44834

Ion Ratio Lower Upper

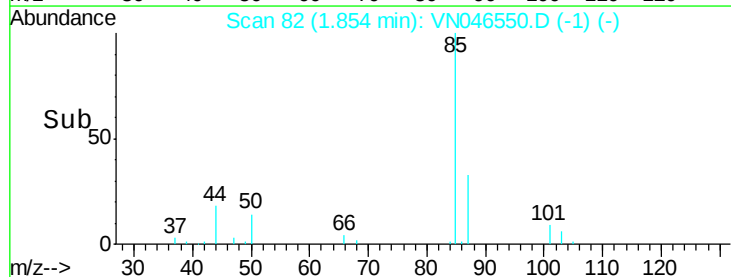
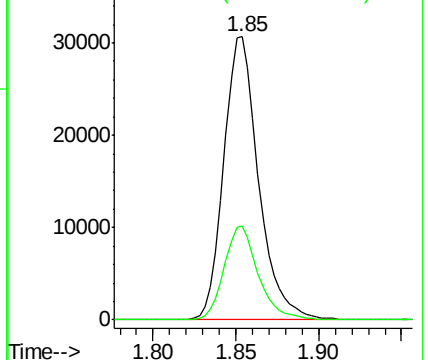
85 100

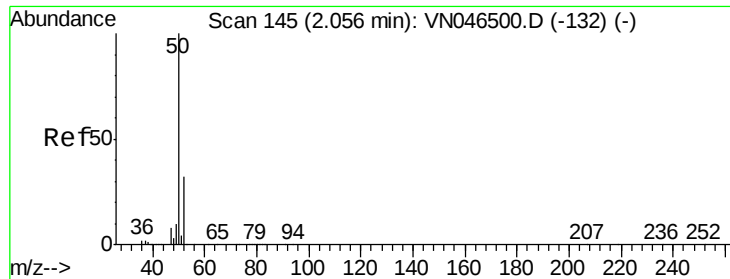
87 33.1 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 21.21 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

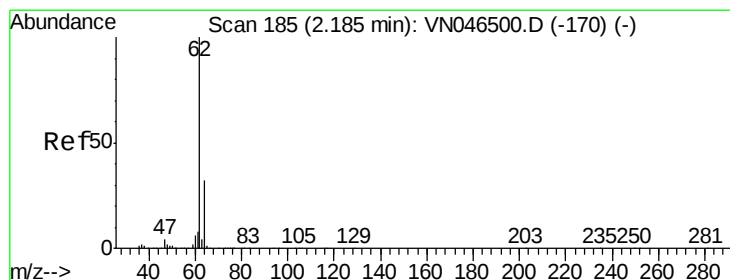
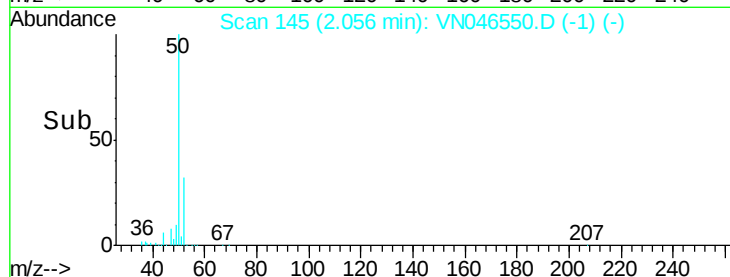
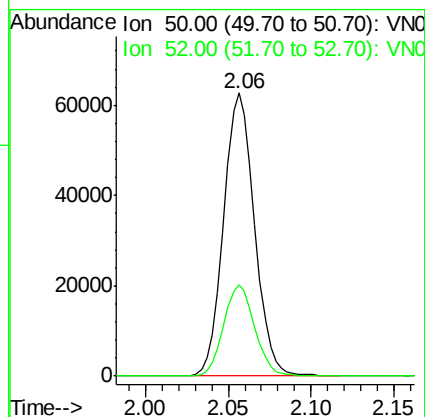
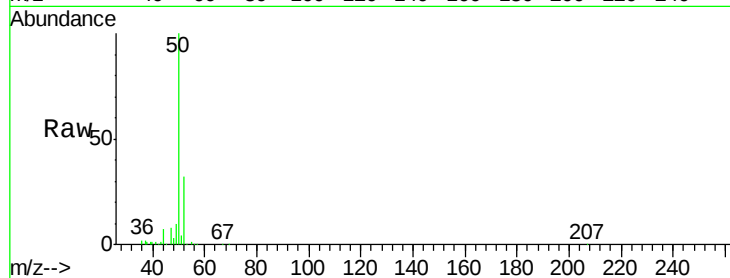
VN0124WBSD01

Tgt Ion: 50 Resp: 81055

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.6



#4

Vinyl Chloride

Concen: 20.36 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN046550.D

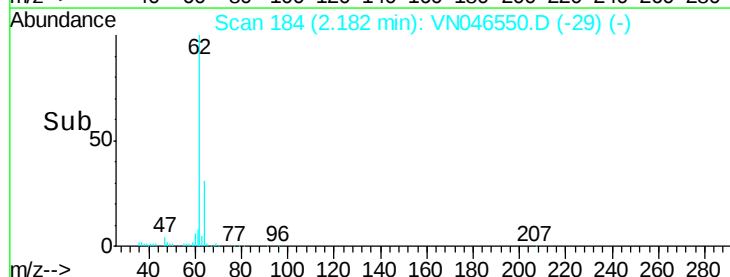
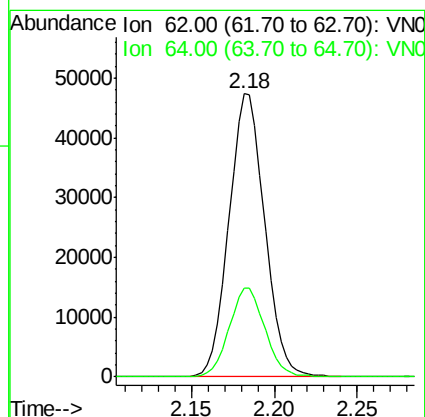
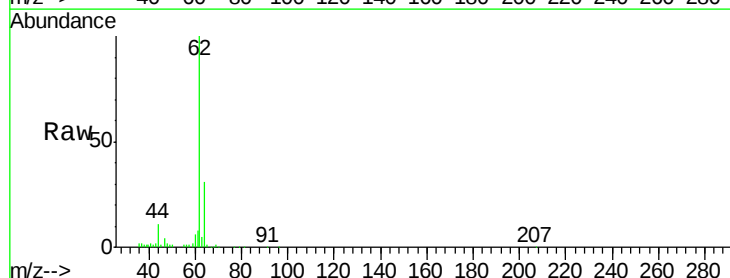
Acq: 24 Jan 2018 17:40

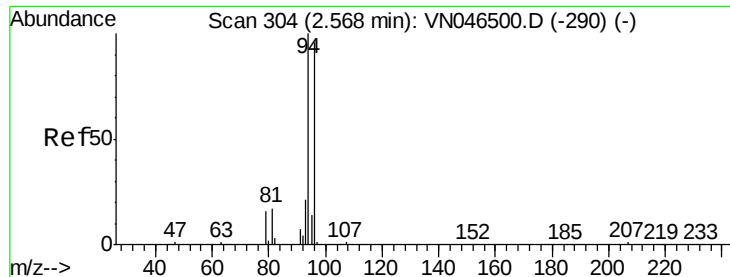
Tgt Ion: 62 Resp: 71121

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 20.58 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

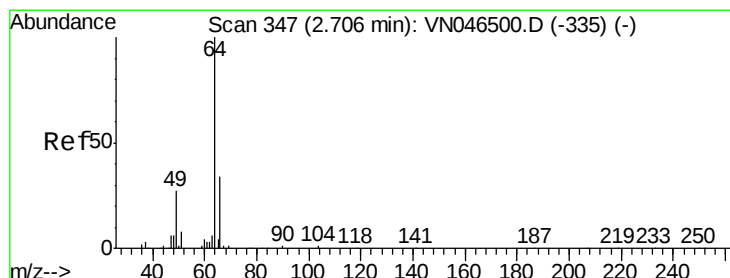
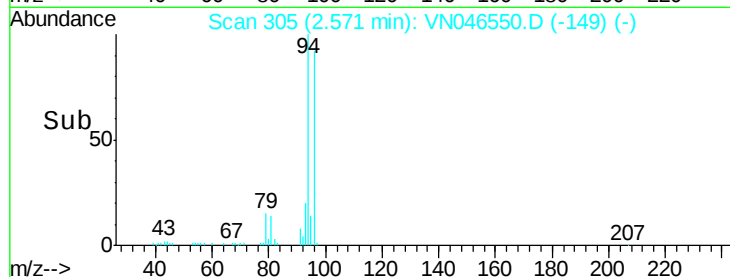
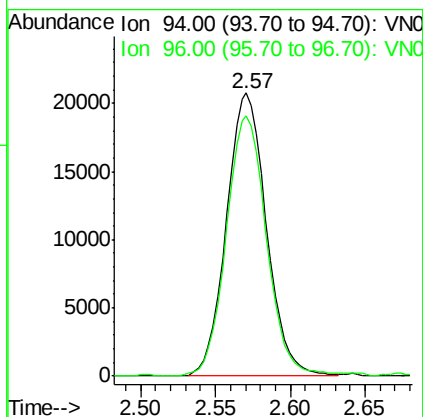
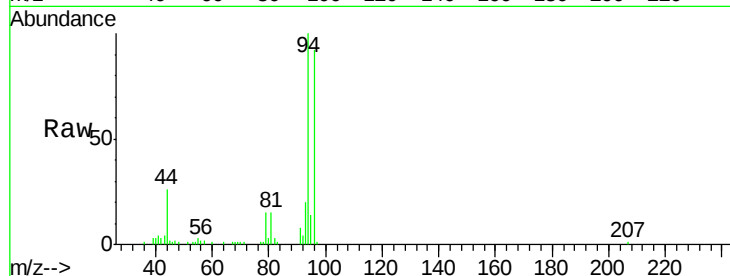
VN0124WBSD01

Tgt Ion: 94 Resp: 38590

Ion Ratio Lower Upper

94 100

96 91.1 74.6 111.8



#6

Chloroethane

Concen: 20.72 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN046550.D

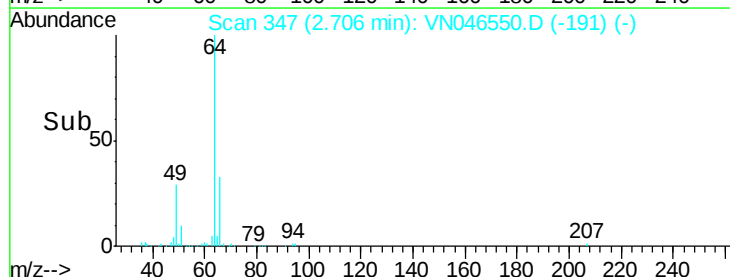
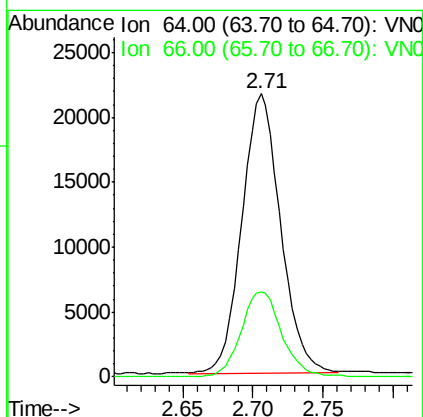
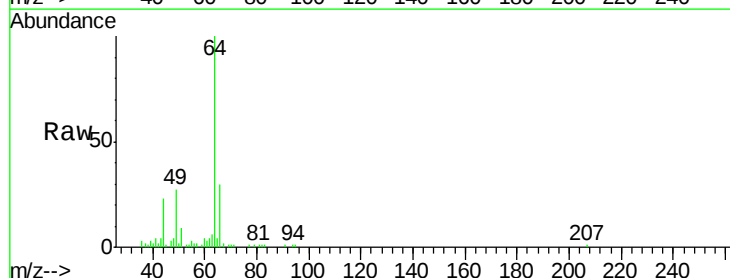
Acq: 24 Jan 2018 17:40

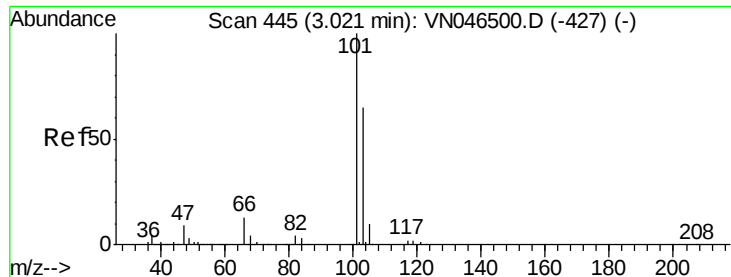
Tgt Ion: 64 Resp: 41377

Ion Ratio Lower Upper

64 100

66 30.5 26.0 39.0





#7

Trichlorofluoromethane

Concen: 20.61 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

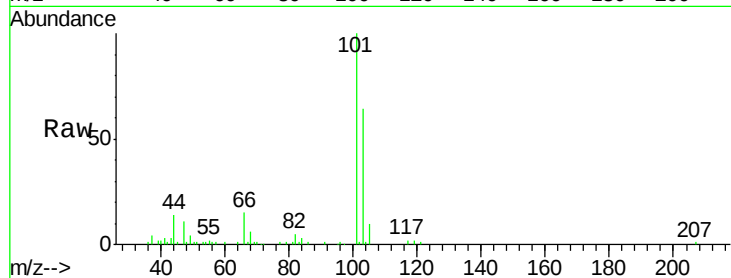
VN0124WBSD01

Tgt Ion:101 Resp: 70475

Ion Ratio Lower Upper

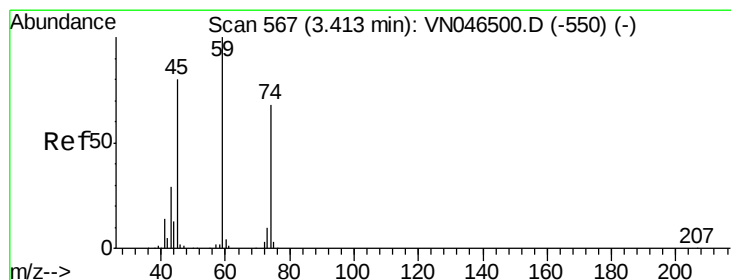
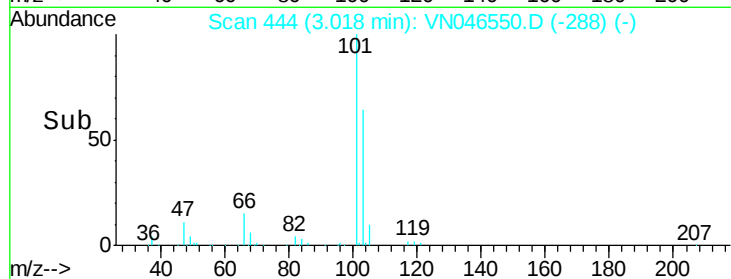
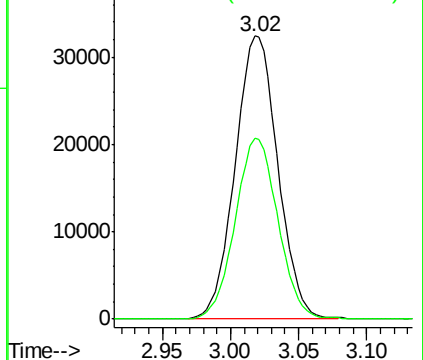
101 100

103 64.0 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 20.18 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN046550.D

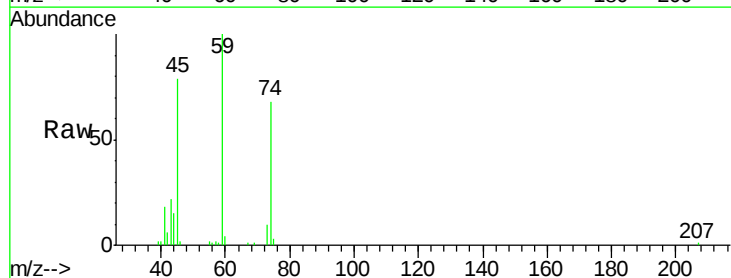
Acq: 24 Jan 2018 17:40

Tgt Ion: 74 Resp: 33327

Ion Ratio Lower Upper

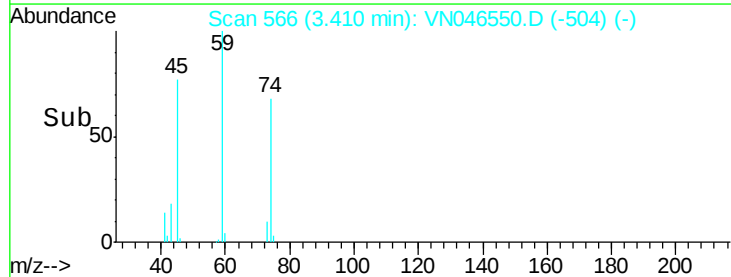
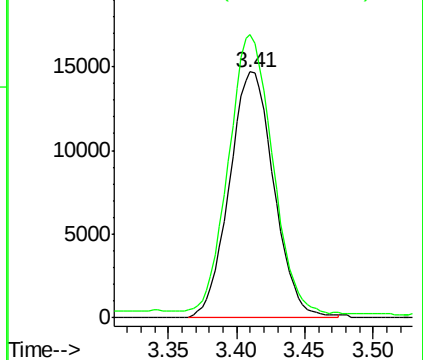
74 100

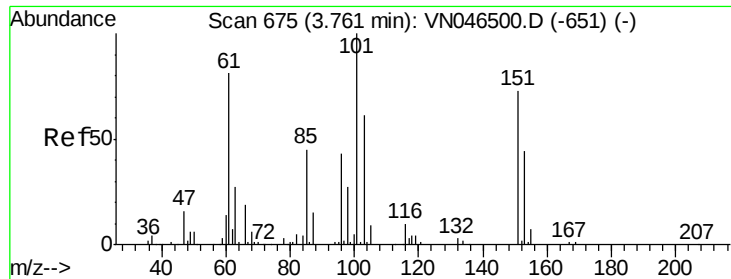
45 111.4 22.0 197.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.12 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

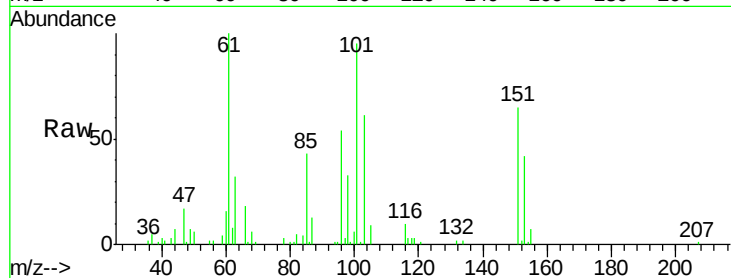
Tgt Ion: 101 Resp: 46070

Ion Ratio Lower Upper

101 100

85 45.6 0.0 90.8

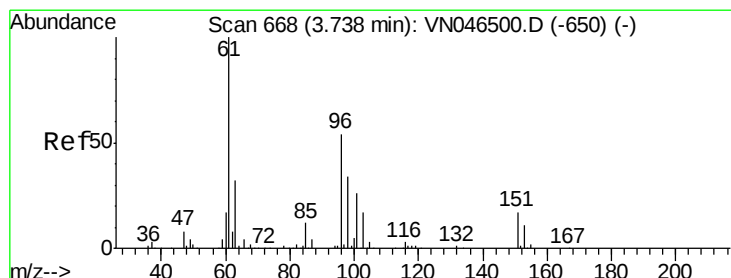
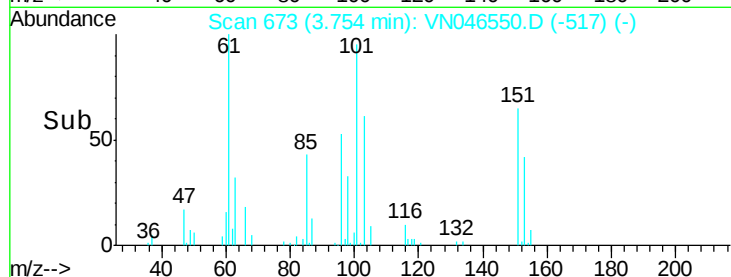
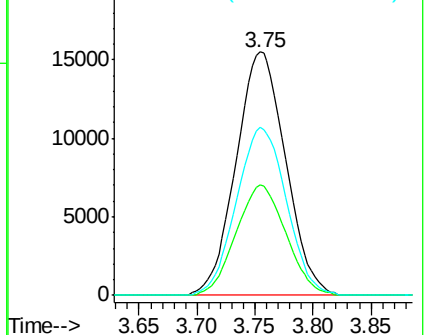
151 69.6 0.0 137.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.18 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

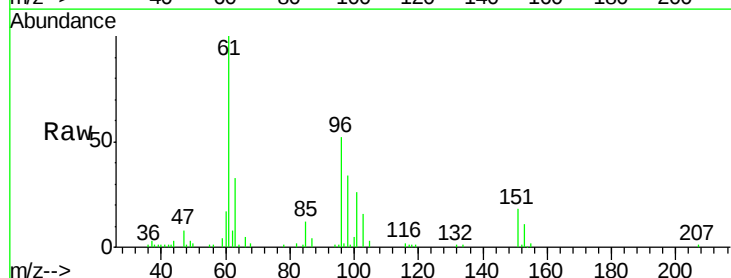
Tgt Ion: 96 Resp: 46613

Ion Ratio Lower Upper

96 100

61 189.2 152.4 228.6

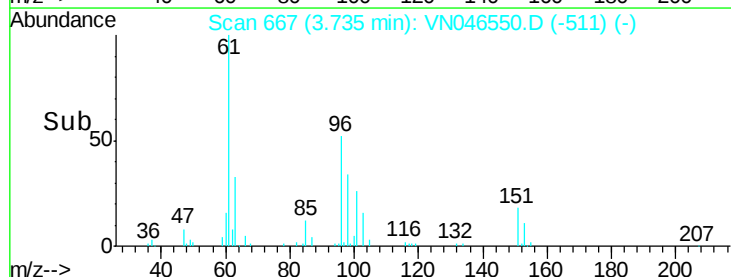
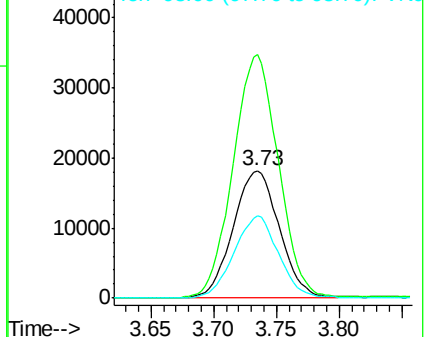
98 64.7 51.3 76.9

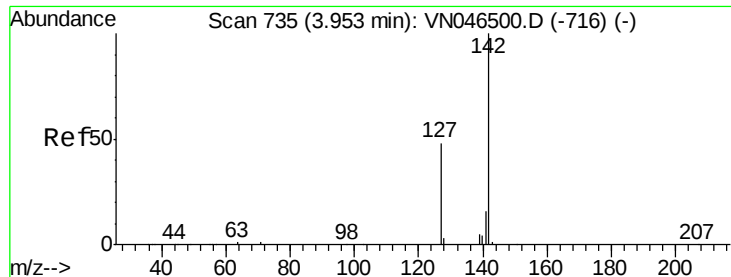


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

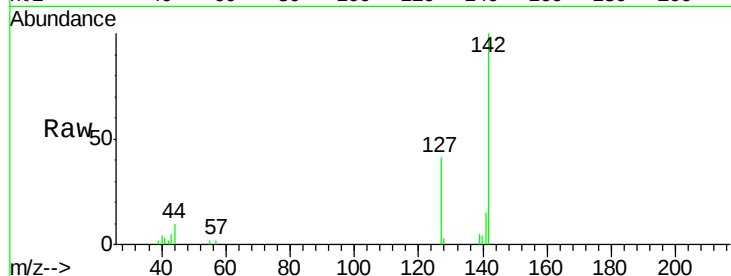




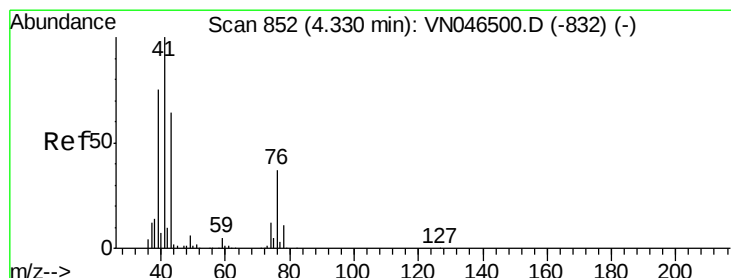
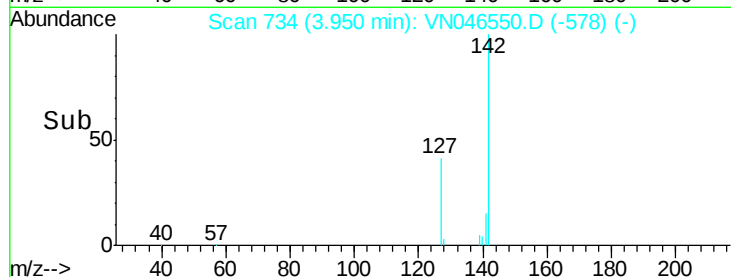
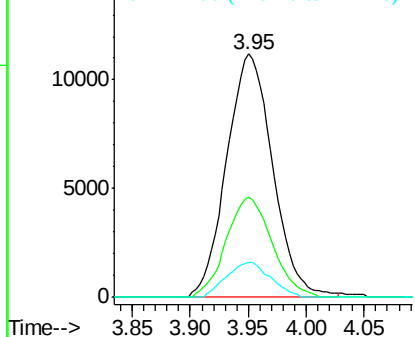
#11
Methyl Iodide
Concen: 16.17 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

Tgt Ion:142 Resp: 30950
Ion Ratio Lower Upper
142 100
127 41.3 21.1 63.3
141 14.7 7.3 21.9

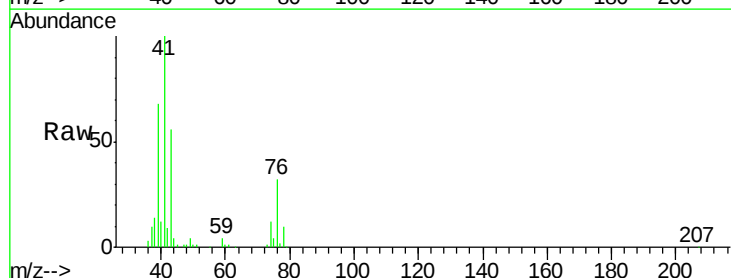


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

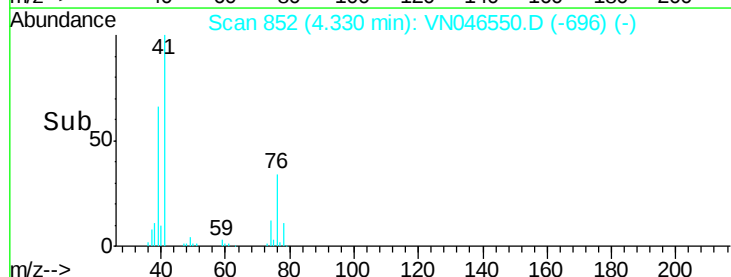
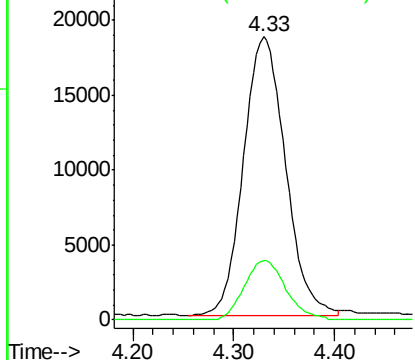


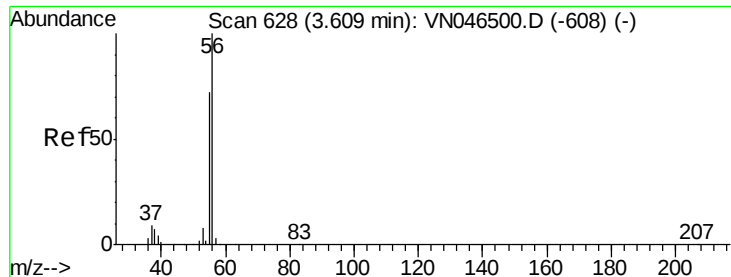
#12
Methyl Acetate
Concen: 20.41 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Tgt Ion: 43 Resp: 53653
Ion Ratio Lower Upper
43 100
74 21.4 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 91.39 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

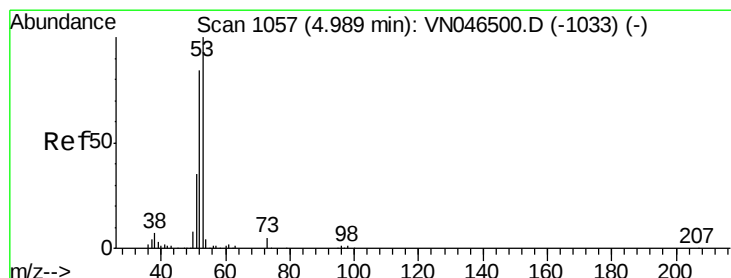
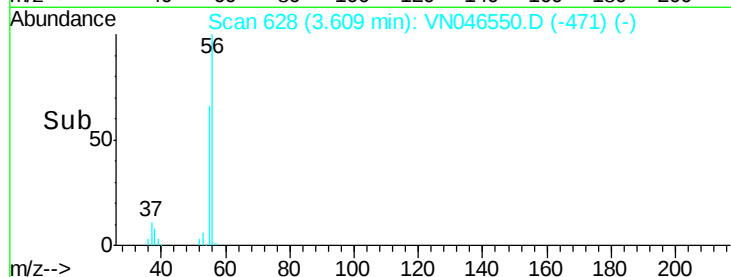
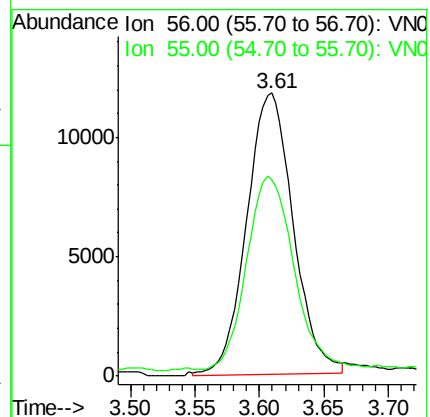
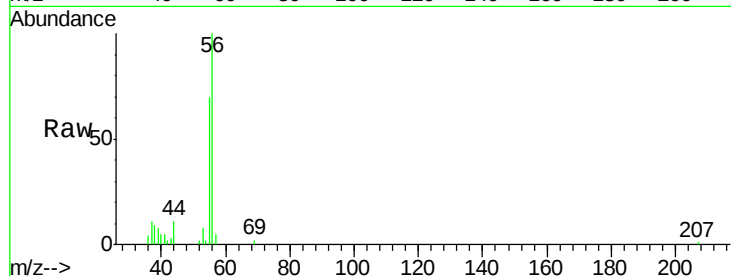
VN0124WBSD01

Tgt Ion: 56 Resp: 29551

Ion Ratio Lower Upper

56 100

55 70.3 58.9 88.3



#14

Acrylonitrile

Concen: 101.84 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

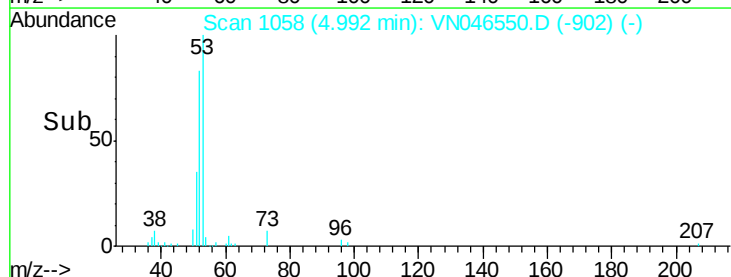
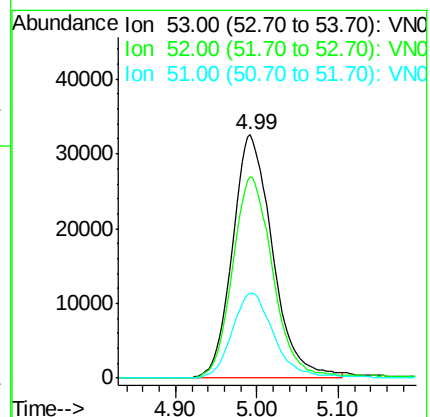
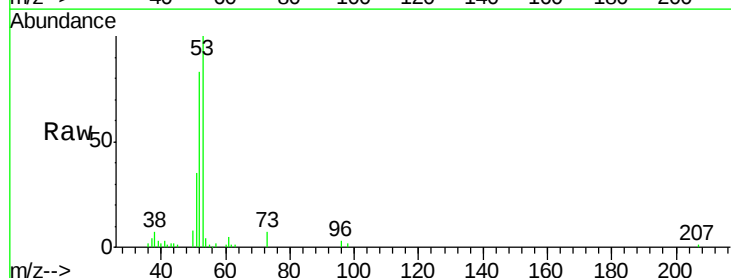
Tgt Ion: 53 Resp: 111639

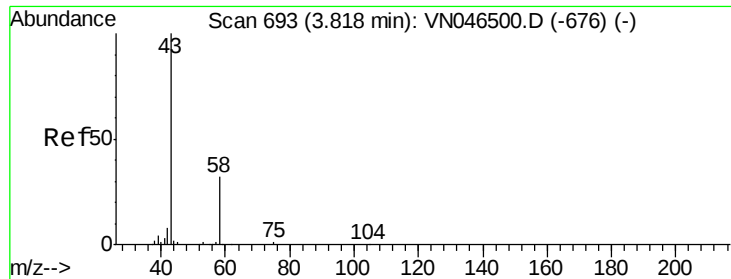
Ion Ratio Lower Upper

53 100

52 82.5 40.9 122.7

51 36.0 18.1 54.1





#15

Acetone

Concen: 101.40 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

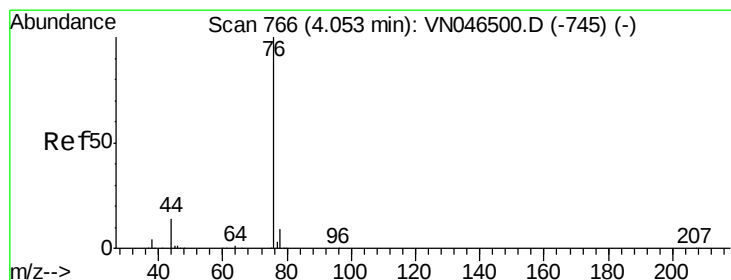
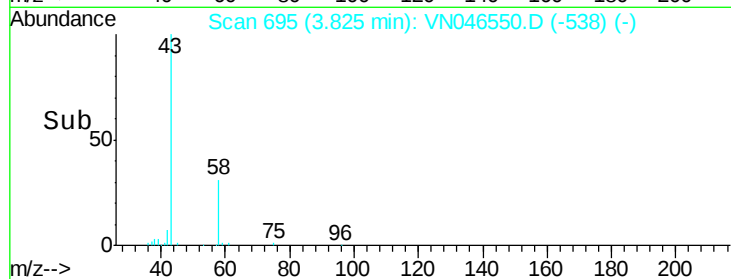
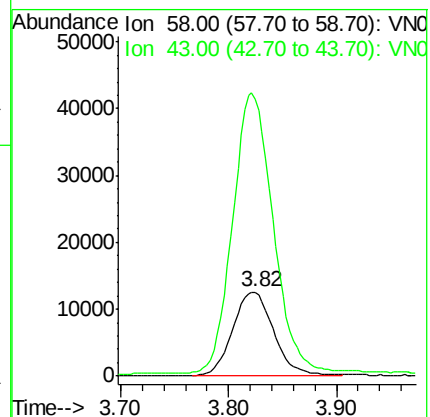
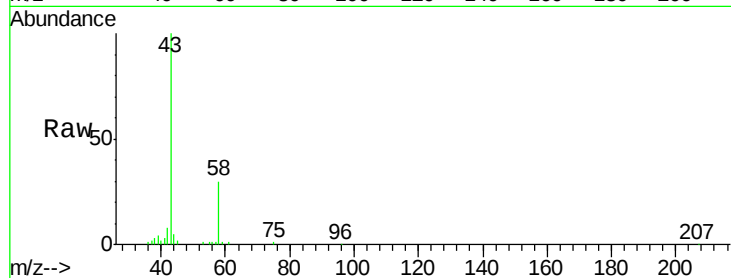
VN0124WBSD01

Tgt Ion: 58 Resp: 33507

Ion Ratio Lower Upper

58 100

43 326.1 285.3 427.9



#16

Carbon Disulfide

Concen: 19.44 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN046550.D

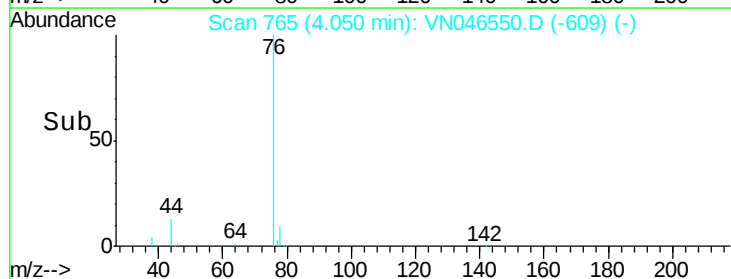
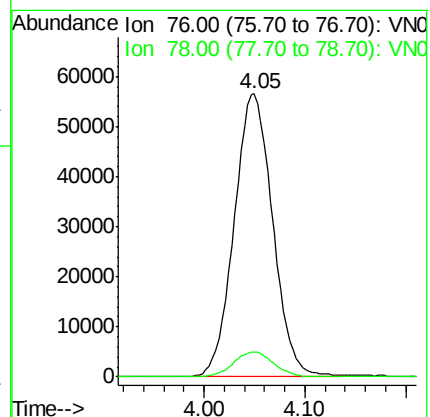
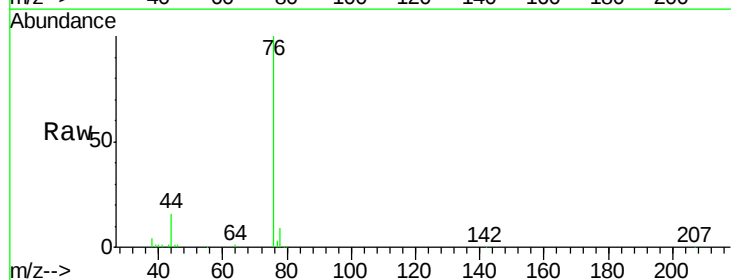
Acq: 24 Jan 2018 17:40

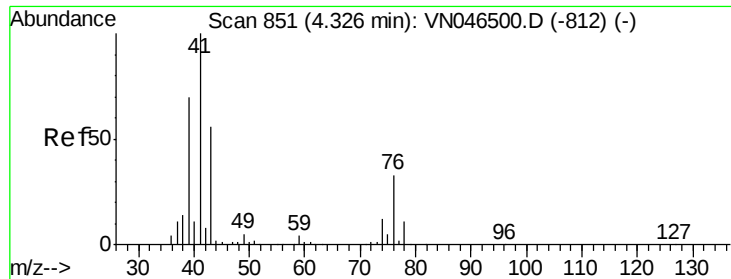
Tgt Ion: 76 Resp: 150011

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

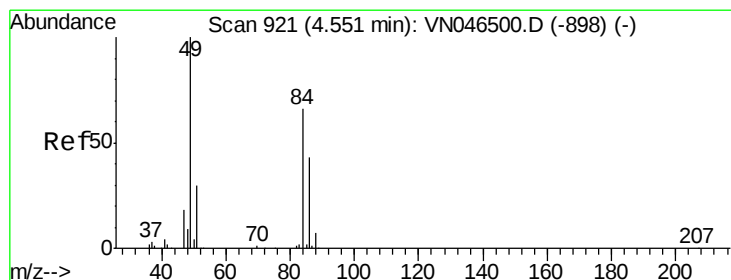
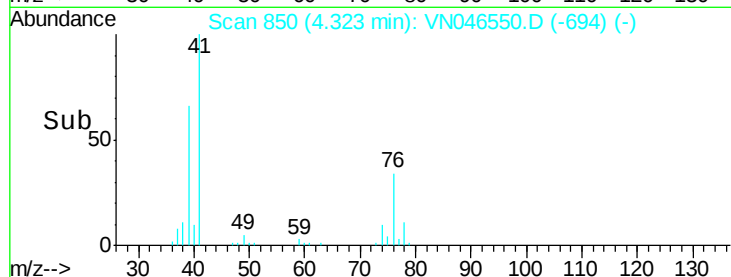
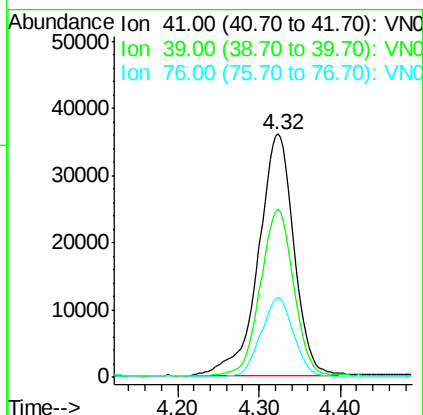
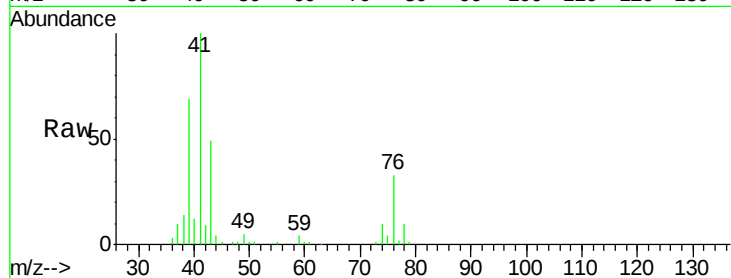




#17
 Allyl chloride
 Concen: 20.24 ug/l
 RT: 4.32 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

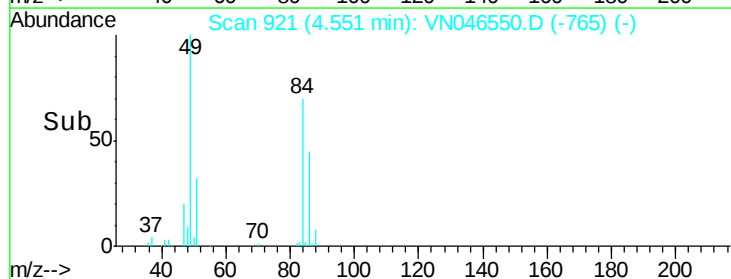
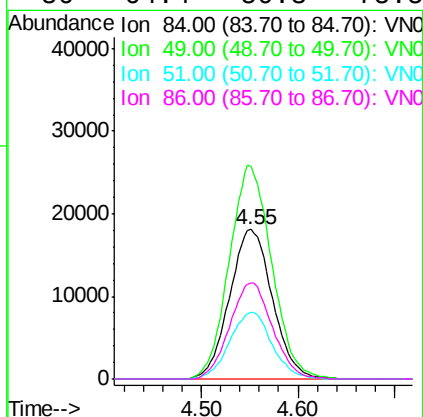
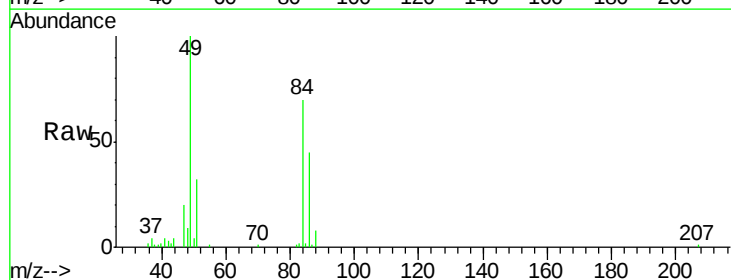
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

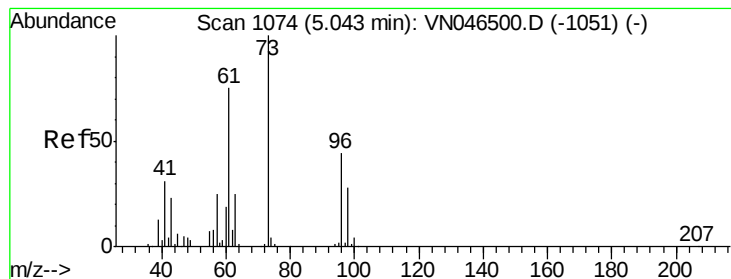
Tgt Ion: 41 Resp: 109173
 Ion Ratio Lower Upper
 41 100
 39 69.2 33.5 100.4
 76 32.9 15.9 47.7



#18
 Methylene Chloride
 Concen: 20.35 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion: 84 Resp: 55872
 Ion Ratio Lower Upper
 84 100
 49 142.2 113.9 170.9
 51 44.9 36.3 54.5
 86 64.4 50.3 75.5





#19

trans-1,2-Dichloroethene

Concen: 20.36 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

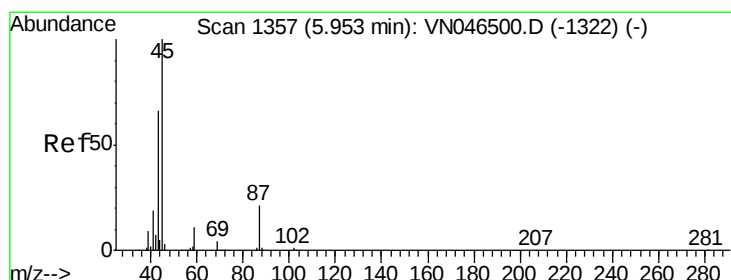
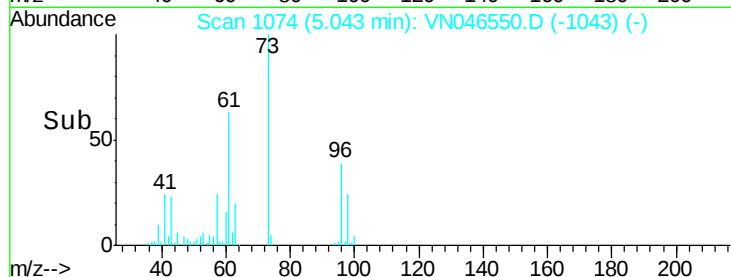
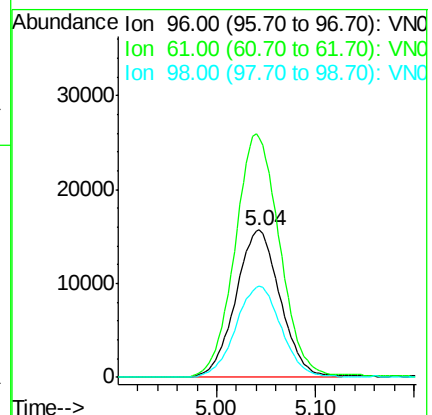
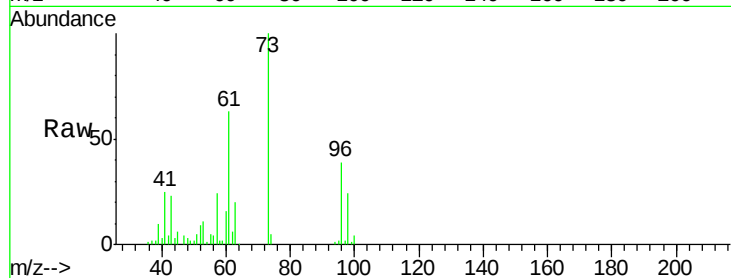
Tgt Ion: 96 Resp: 49146

Ion Ratio Lower Upper

96 100

61 161.0 137.3 205.9

98 61.8 52.3 78.5



#20

Diisopropyl ether

Concen: 19.35 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Tgt Ion: 45 Resp: 192421

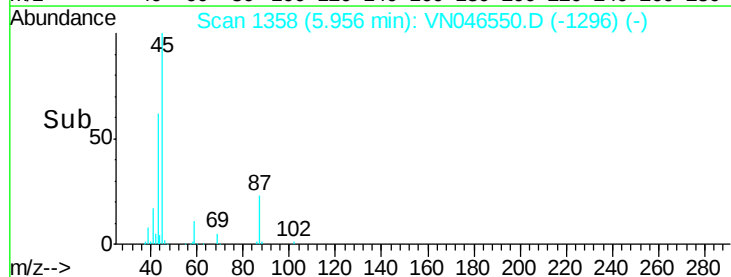
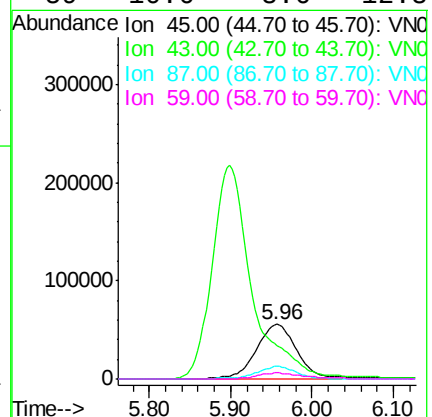
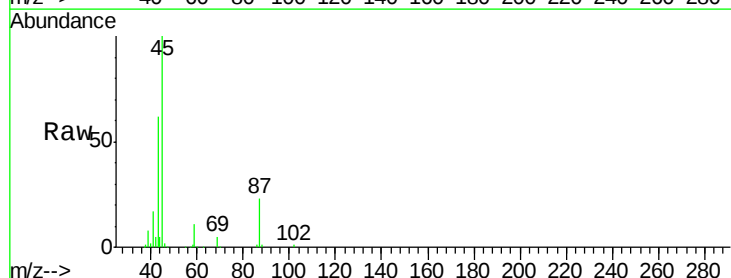
Ion Ratio Lower Upper

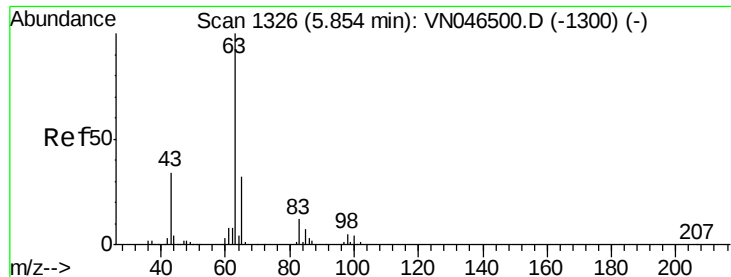
45 100

43 56.4 45.1 67.7

87 22.2 16.6 24.8

59 10.6 8.6 12.8





#21

1,1-Dichloroethane

Concen: 20.36 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

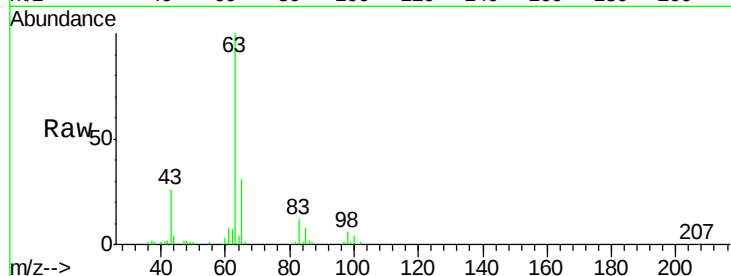
Tgt Ion: 63 Resp: 109891

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

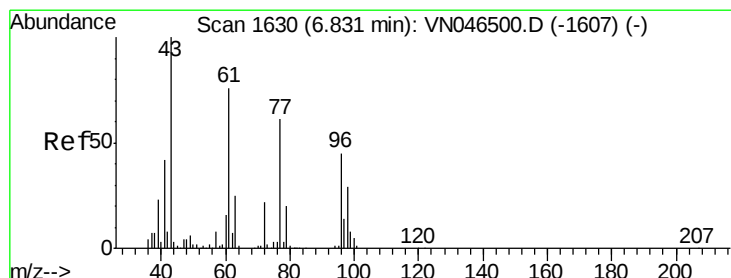
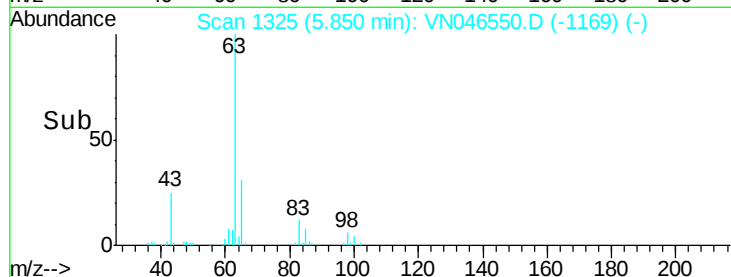
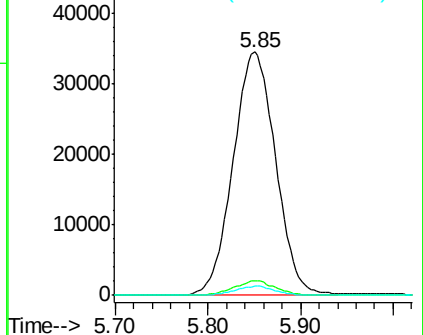
100 3.7 1.7 5.0



Abundance Ion 63.00 (62.70 to 63.70): VN046550.D (-1169) (-)

Ion 98.00 (97.70 to 98.70): VN046550.D (-1169) (-)

Ion 100.00 (99.70 to 100.70): VN046550.D (-1169) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.43 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

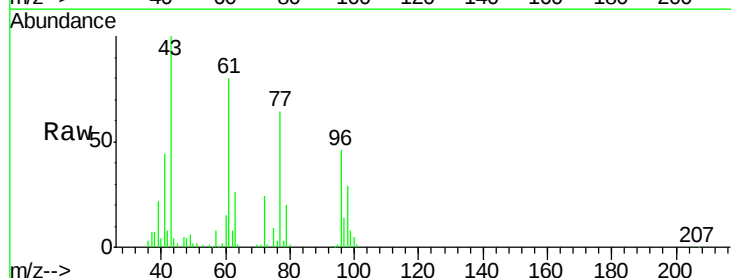
Tgt Ion: 96 Resp: 57396

Ion Ratio Lower Upper

96 100

61 173.0 141.3 211.9

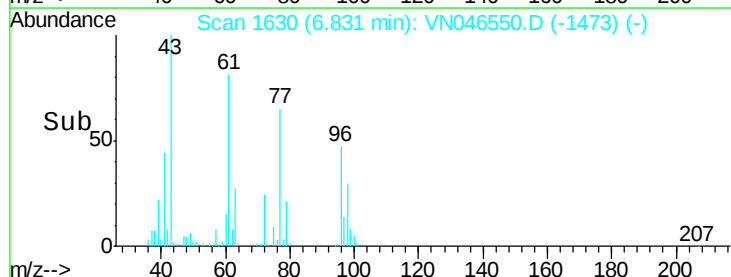
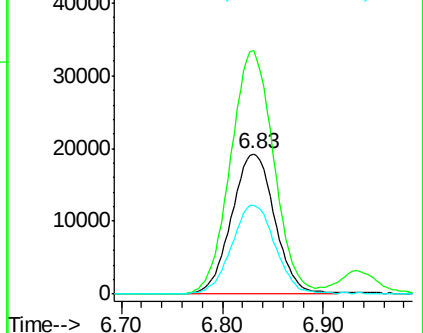
98 63.8 51.0 76.6

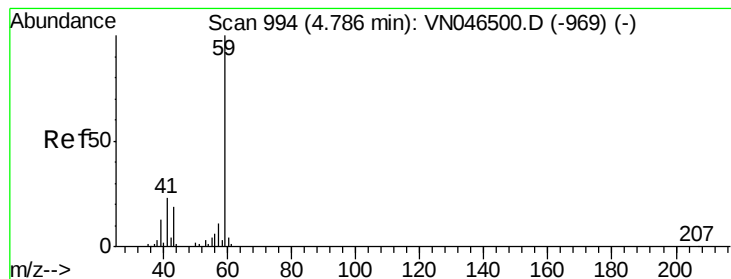


Abundance Ion 96.00 (95.70 to 96.70): VN046550.D (-1473) (-)

Ion 61.00 (60.70 to 61.70): VN046550.D (-1473) (-)

Ion 98.00 (97.70 to 98.70): VN046550.D (-1473) (-)





#23

tert-Butyl Alcohol

Concen: 102.18 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

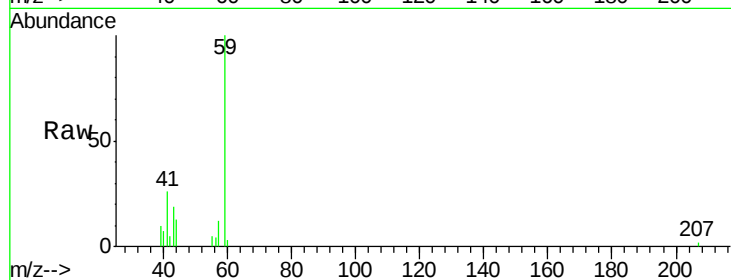
VN0124WBSD01

Tgt Ion: 59 Resp: 26809

Ion Ratio Lower Upper

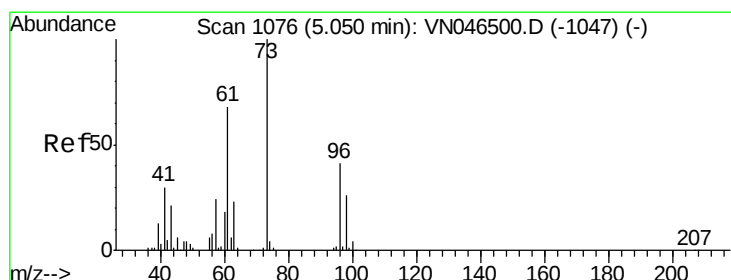
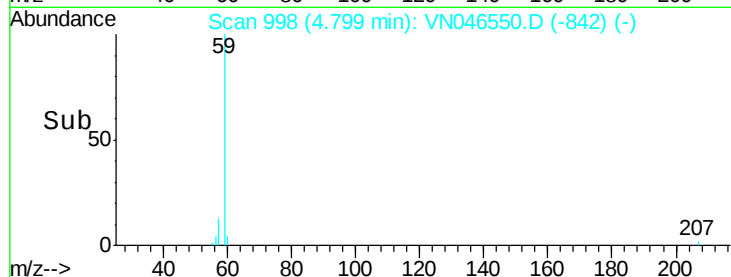
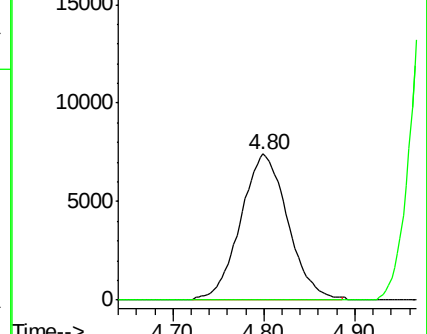
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 20.41 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN046550.D

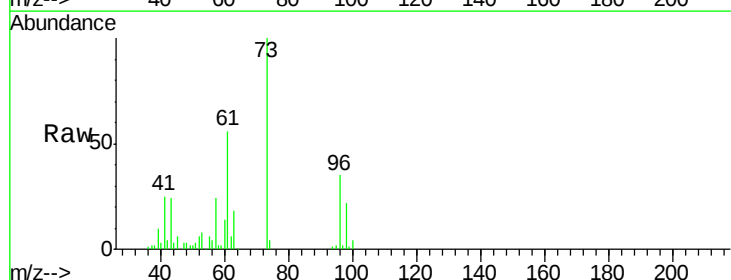
Acq: 24 Jan 2018 17:40

Tgt Ion: 73 Resp: 154006

Ion Ratio Lower Upper

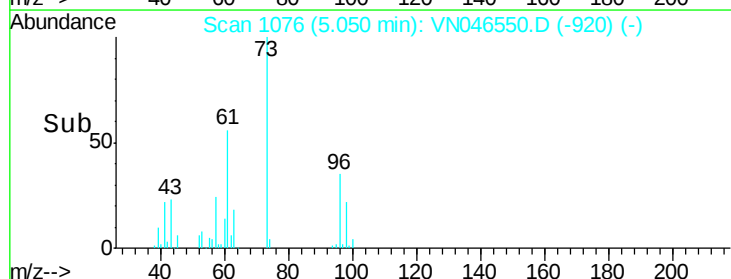
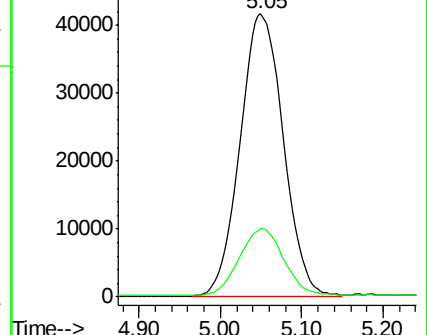
73 100

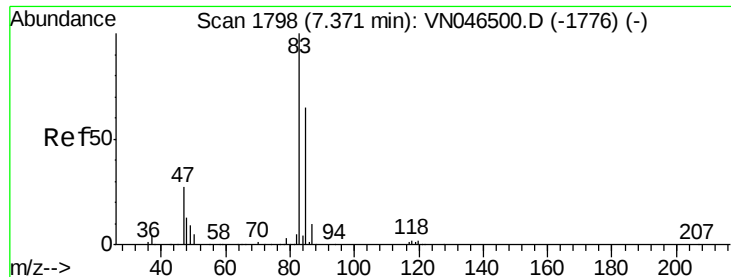
43 23.6 19.0 28.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

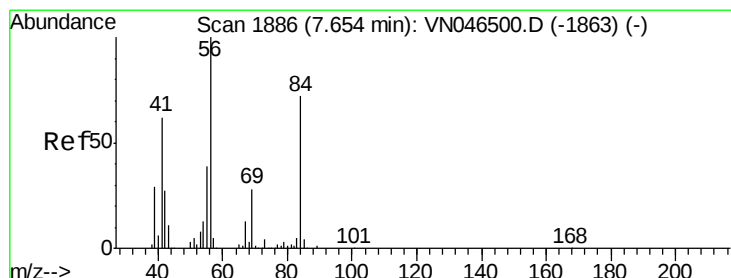
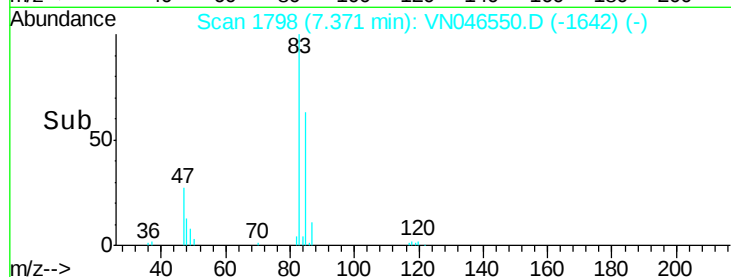
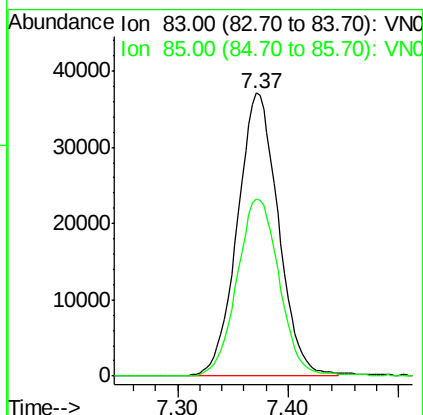
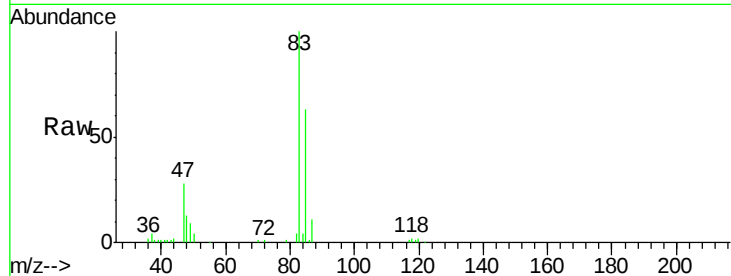




#25
Chloroform
Concen: 20.21 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

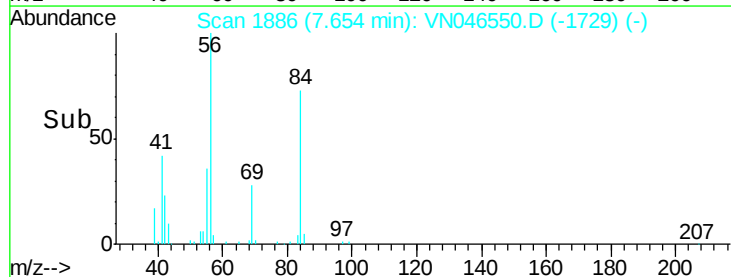
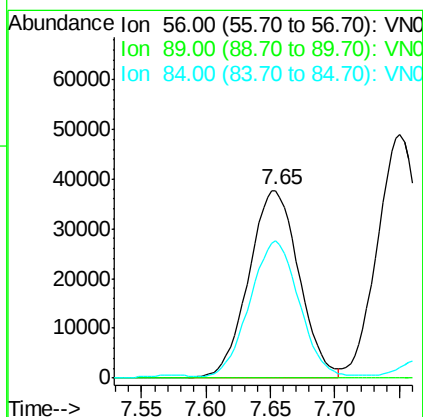
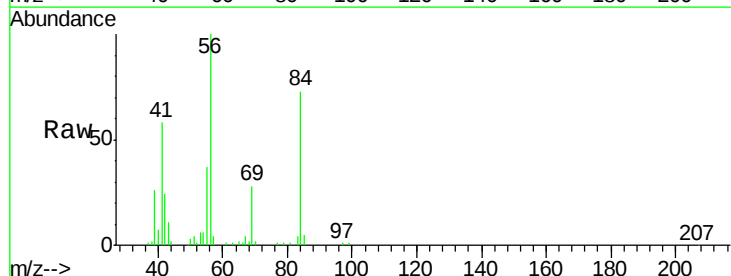
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

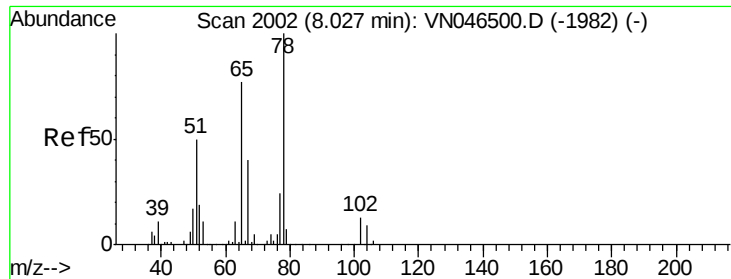
Tgt Ion: 83 Resp: 95539
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0



#26
Cyclohexane
Concen: 19.69 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Tgt Ion: 56 Resp: 102063
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 71.3 56.8 85.2

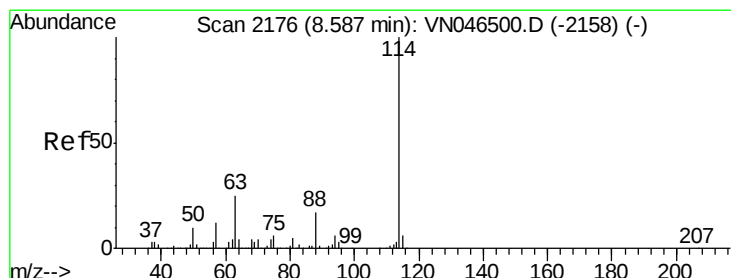
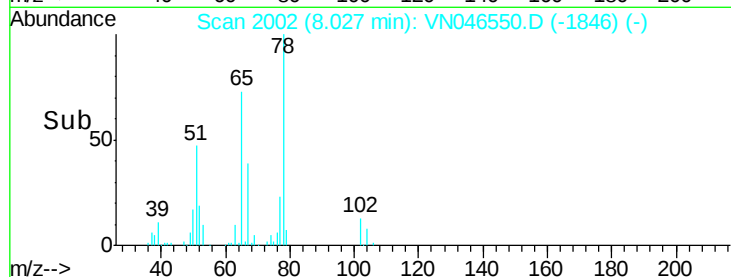
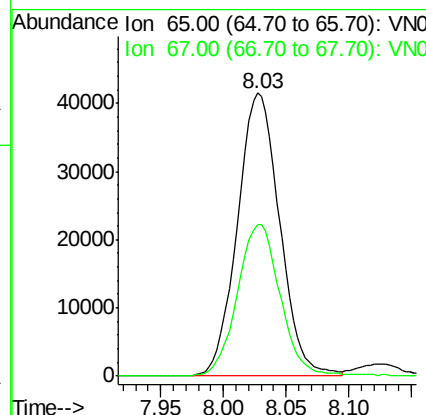
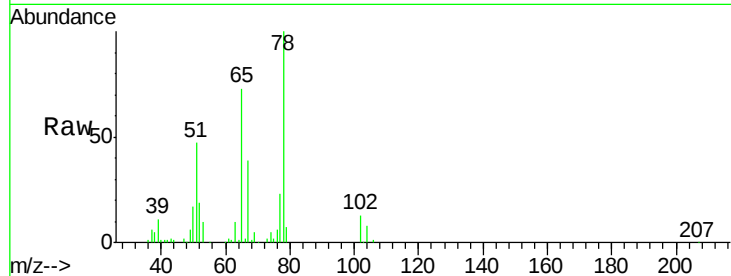




#27
 1,2-Dichloroethane-d4
 Concen: 30.99 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

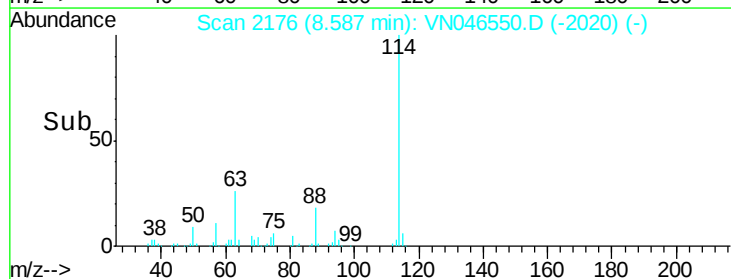
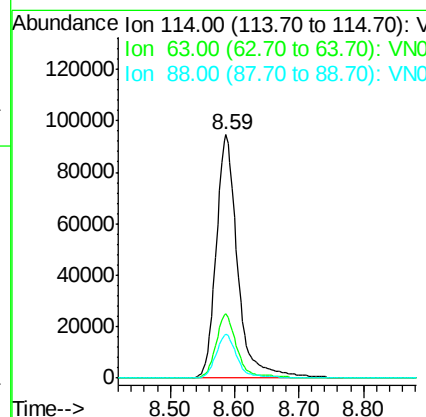
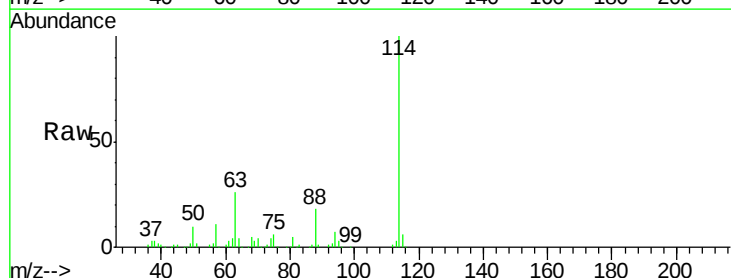
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

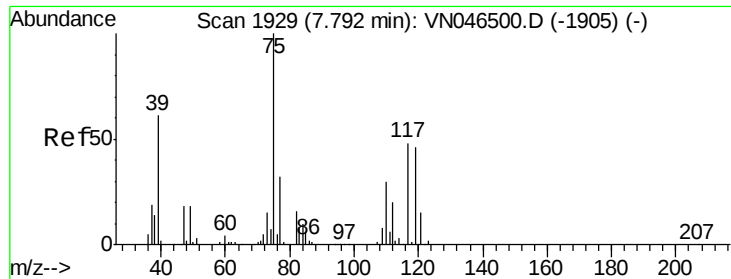
Tgt Ion: 65 Resp: 97341
 Ion Ratio Lower Upper
 65 100
 67 54.4 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion: 114 Resp: 218876
 Ion Ratio Lower Upper
 114 100
 63 25.9 20.2 30.4
 88 17.2 14.2 21.2

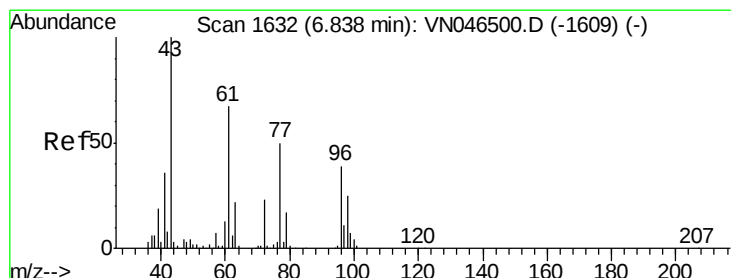
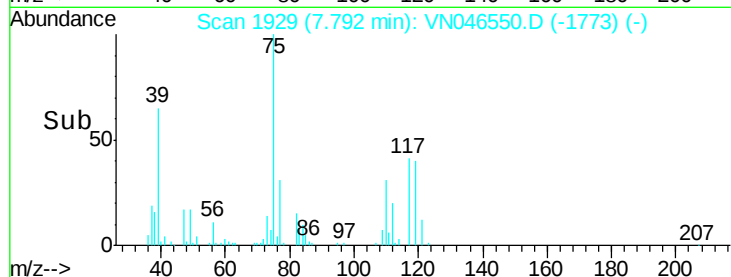
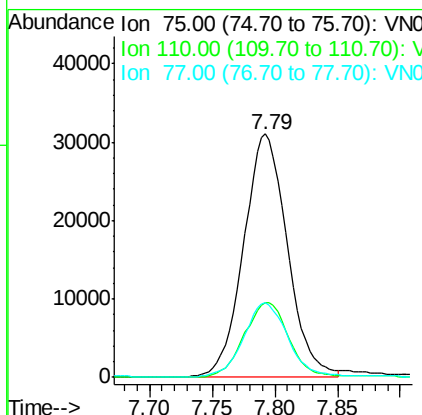
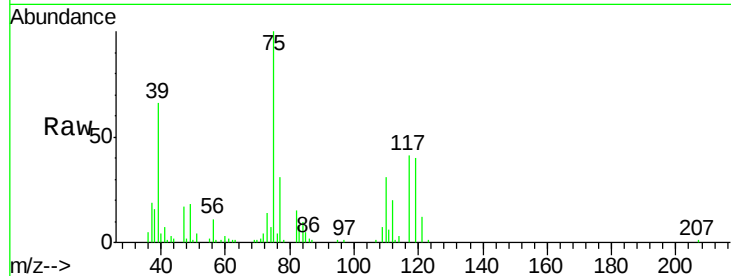




#29
 1,1-Dichloropropene
 Concen: 18.76 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

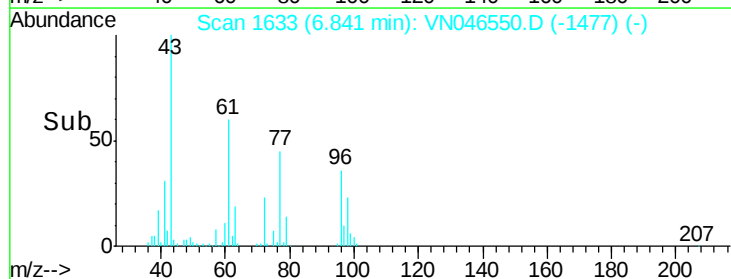
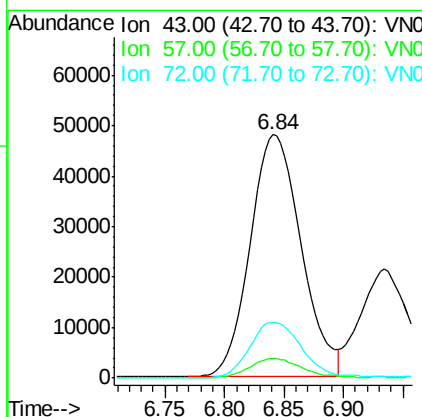
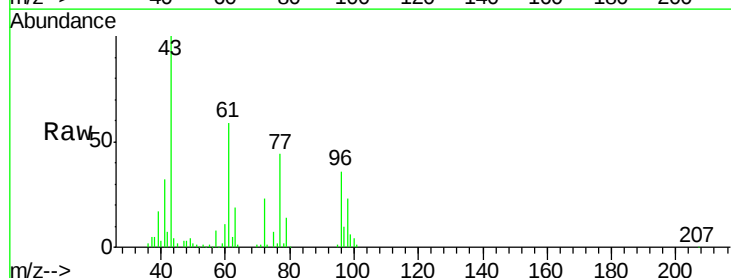
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

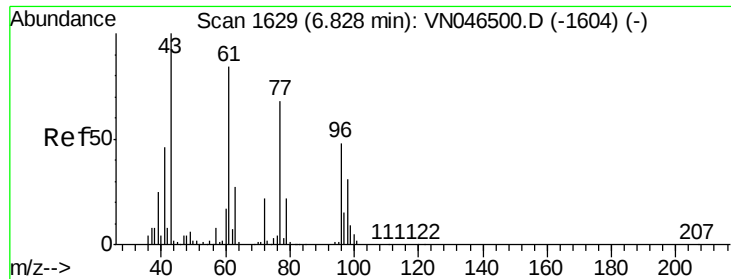
Tgt Ion: 75 Resp: 75630
 Ion Ratio Lower Upper
 75 100
 110 31.2 0.0 61.0
 77 31.1 0.0 63.2



#30
 2-Butanone
 Concen: 96.18 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion: 43 Resp: 142261
 Ion Ratio Lower Upper
 43 100
 57 8.6 6.8 10.2
 72 23.5 18.9 28.3





#31

2,2-Dichloropropane

Concen: 19.48 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

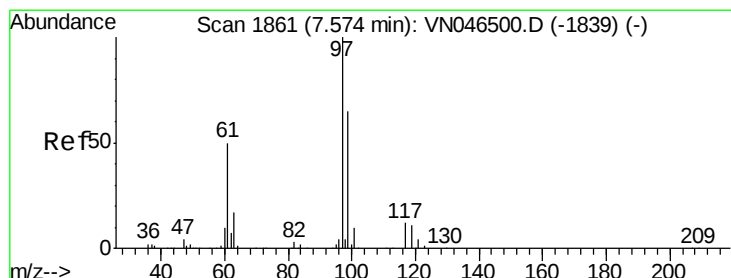
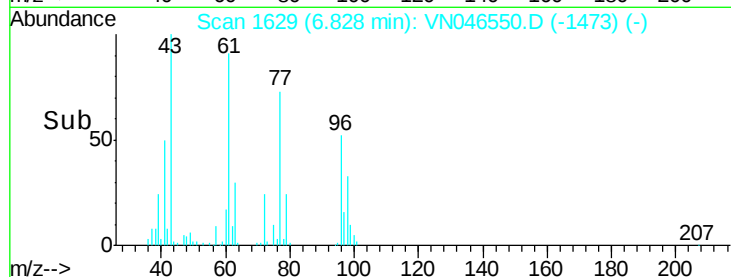
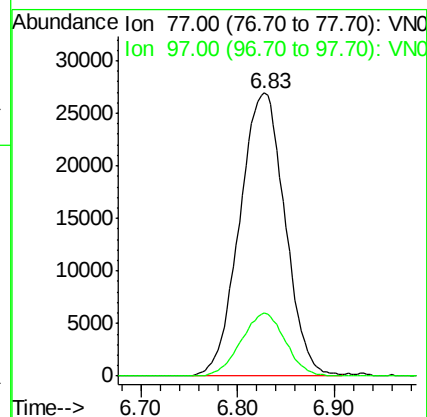
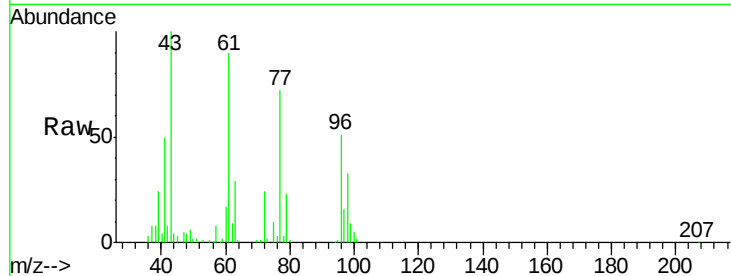
VN0124WBSD01

Tgt Ion: 77 Resp: 87743

Ion Ratio Lower Upper

77 100

97 21.7 17.2 25.8



#32

1,1,1-Trichloroethane

Concen: 19.58 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

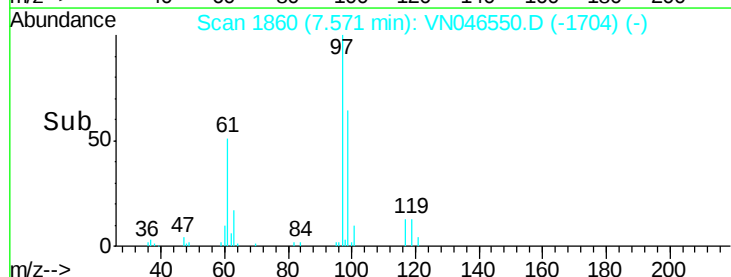
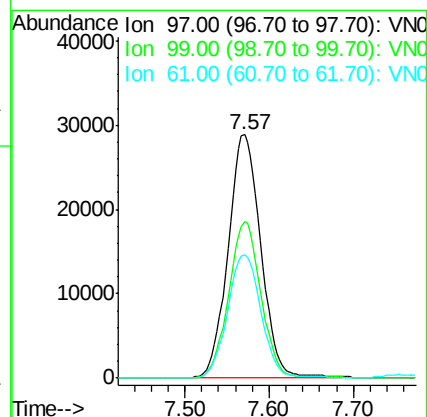
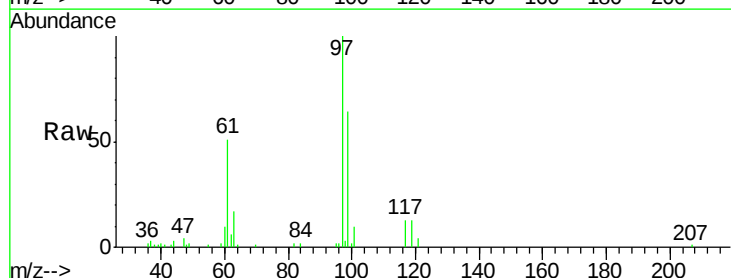
Tgt Ion: 97 Resp: 78095

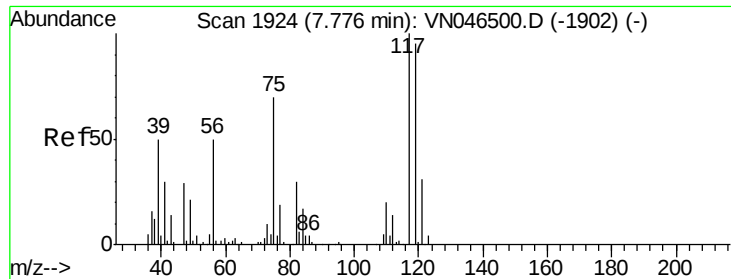
Ion Ratio Lower Upper

97 100

99 63.0 50.4 75.6

61 51.5 41.3 61.9

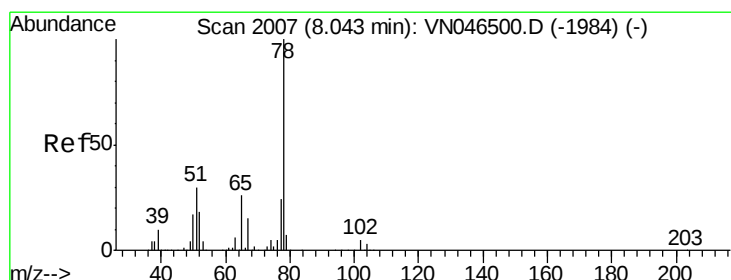
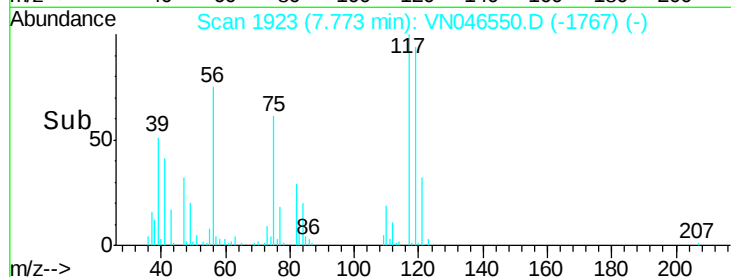
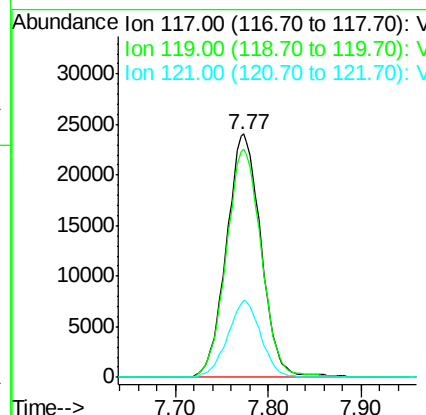
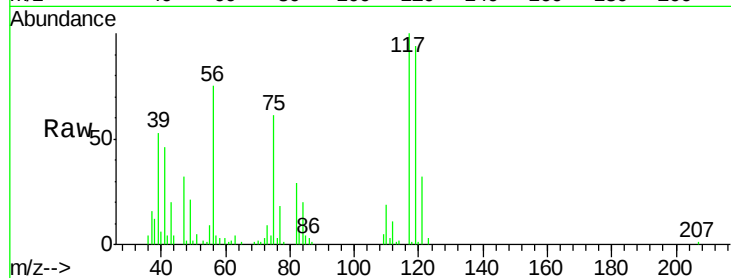




#33
Carbon Tetrachloride
Concen: 19.34 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

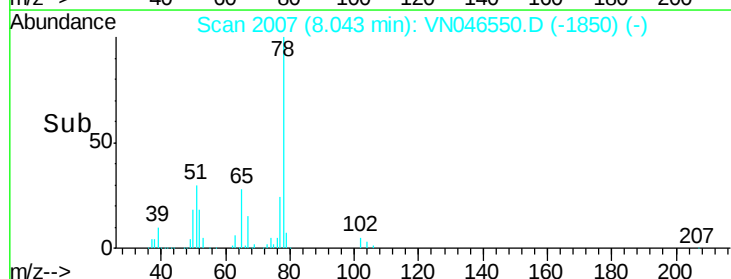
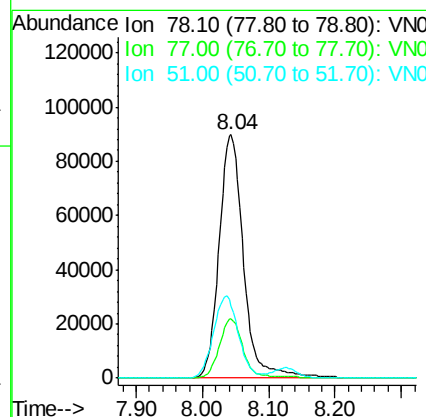
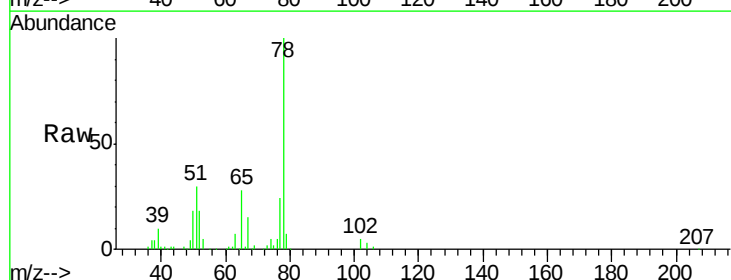
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

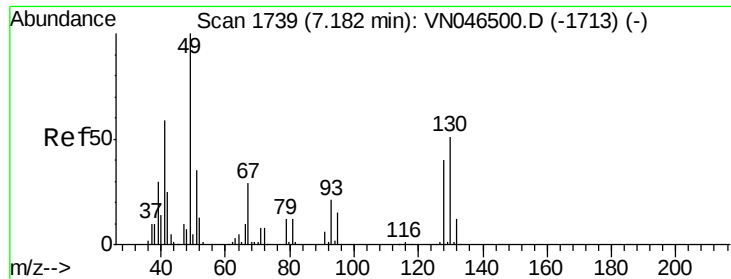
Tgt Ion:117 Resp: 62046
Ion Ratio Lower Upper
117 100
119 94.0 77.7 116.5
121 31.6 25.1 37.7



#34
Benzene
Concen: 19.95 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Tgt Ion: 78 Resp: 230207
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2
51 29.8 25.4 38.0

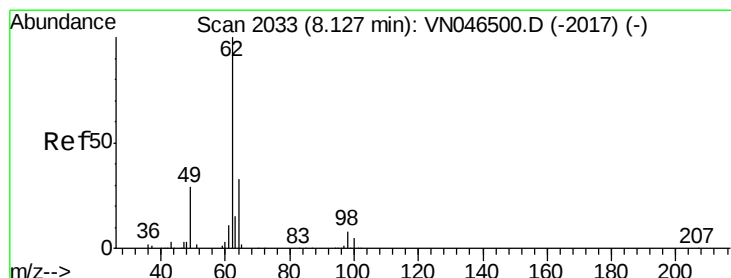
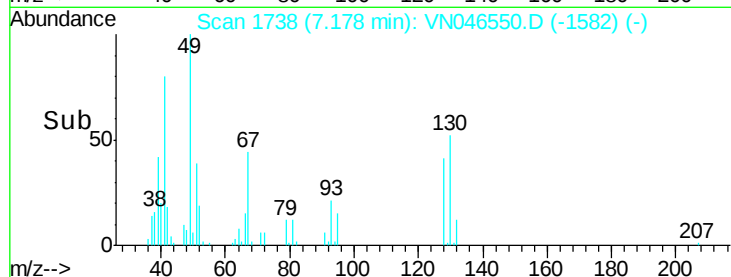
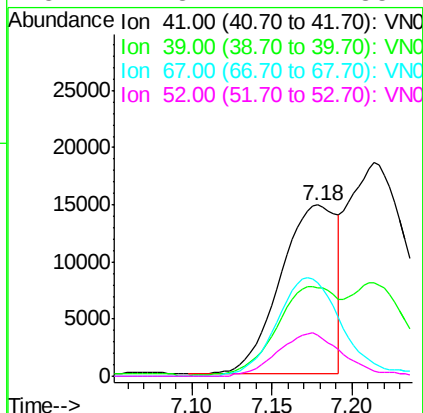
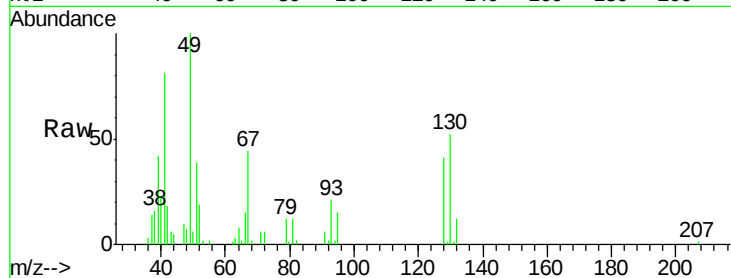




#35
Methacrylonitrile
Concen: 20.92 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

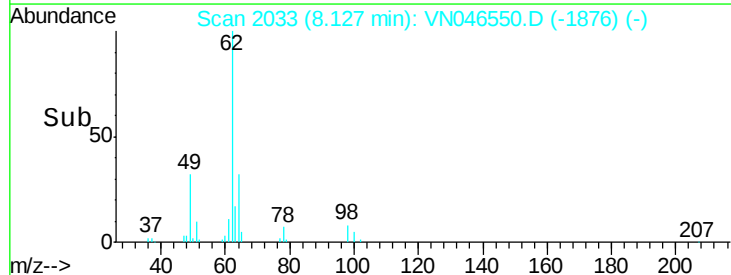
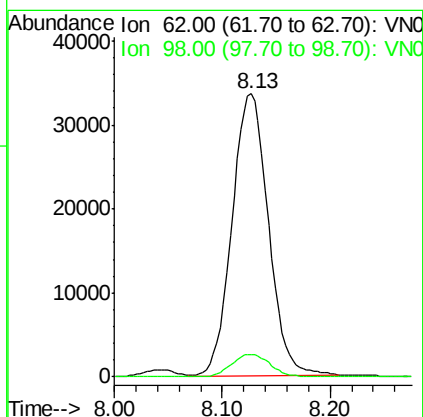
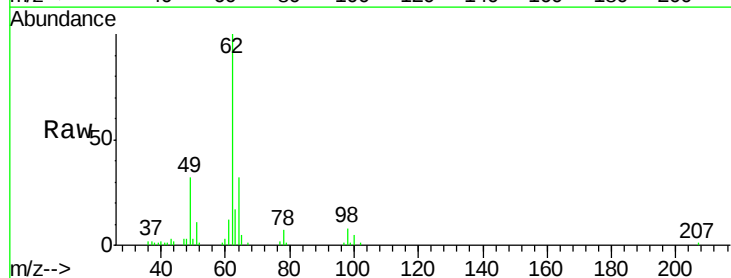
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

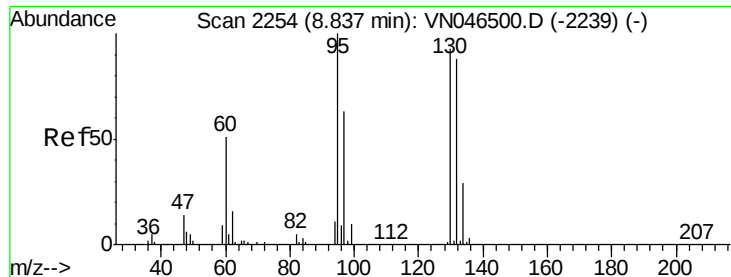
Tgt Ion:	41	Resp:	36229
Ion	Ratio	Lower	Upper
41	100		
39	52.4	26.6	79.8
67	55.0	28.0	83.9
52	24.3	12.7	38.1



#36
1,2-Dichloroethane
Concen: 19.35 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Tgt Ion:	62	Resp:	79110
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.7	10.1

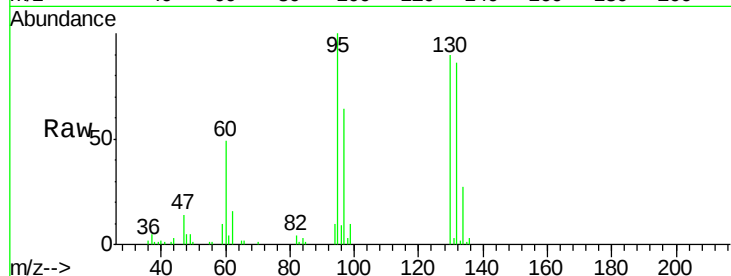




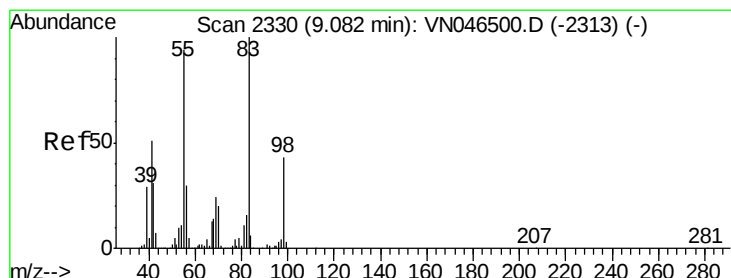
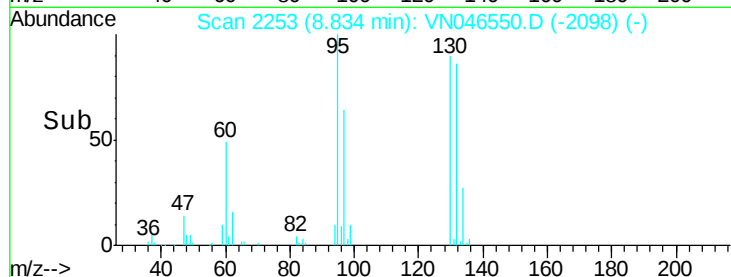
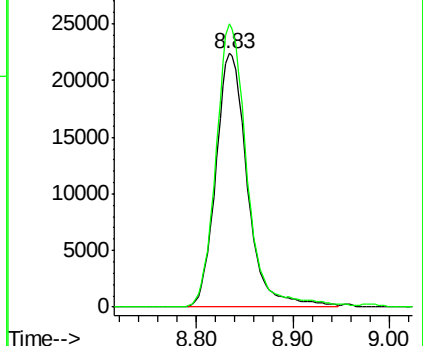
#37
 Trichloroethene
 Concen: 19.59 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tgt Ion:130 Resp: 50909
 Ion Ratio Lower Upper
 130 100
 95 110.9 90.7 136.1

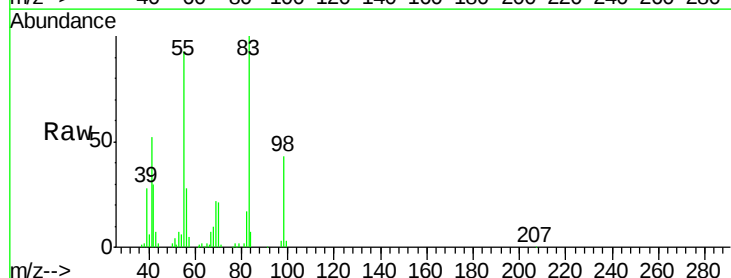


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN0

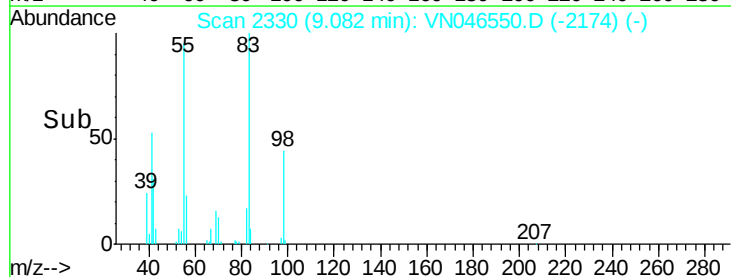
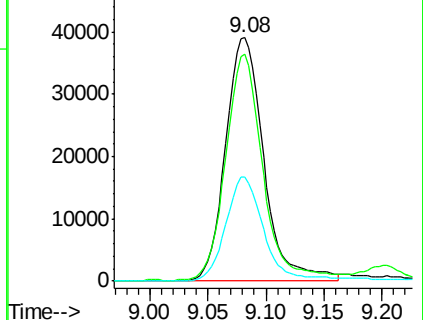


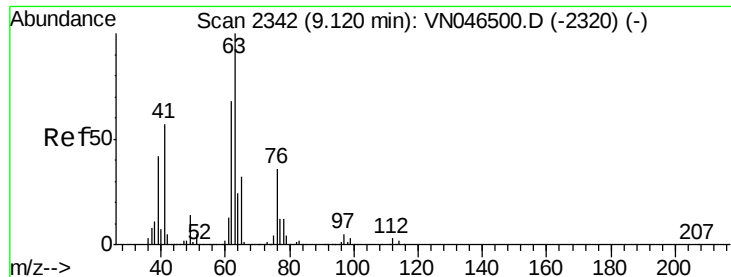
#38
 Methylcyclohexane
 Concen: 18.49 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion: 83 Resp: 89530
 Ion Ratio Lower Upper
 83 100
 55 90.7 43.9 131.6
 98 41.4 21.1 63.4



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





#39

1,2-Dichloropropane

Concen: 19.85 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

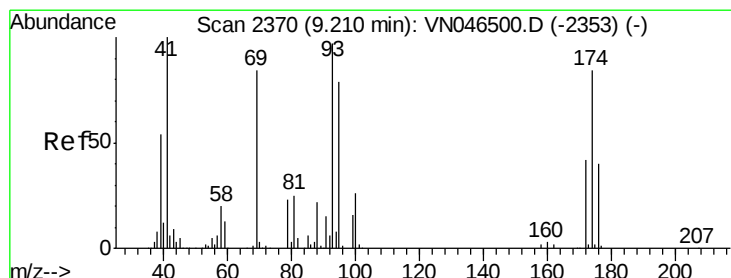
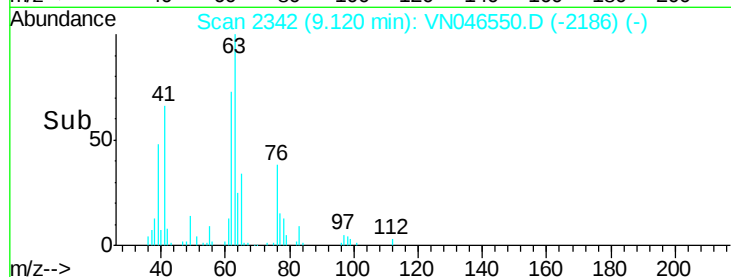
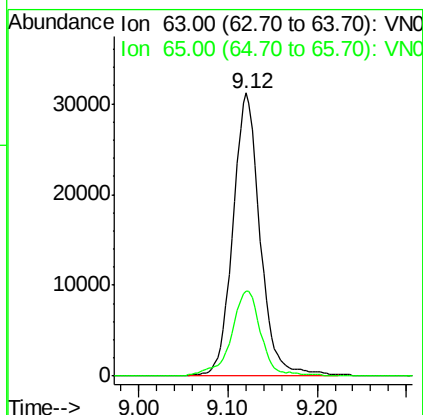
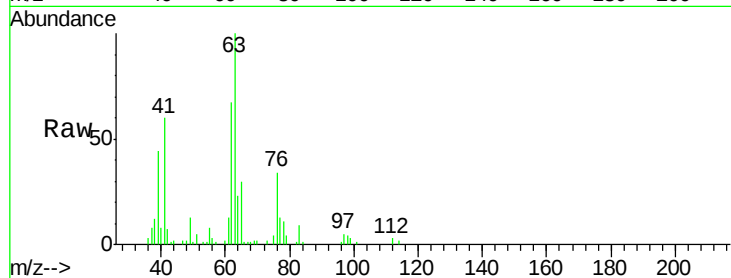
VN0124WBSD01

Tgt Ion: 63 Resp: 66192

Ion Ratio Lower Upper

63 100

65 30.2 24.6 37.0



#40

Dibromomethane

Concen: 19.56 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

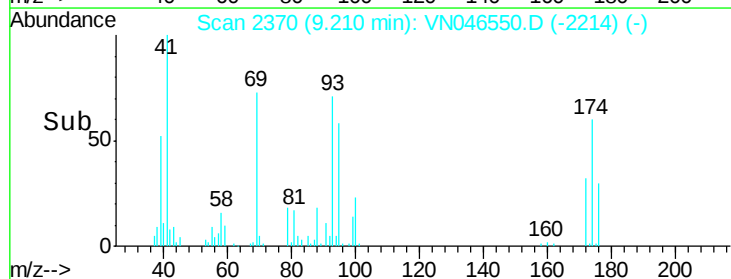
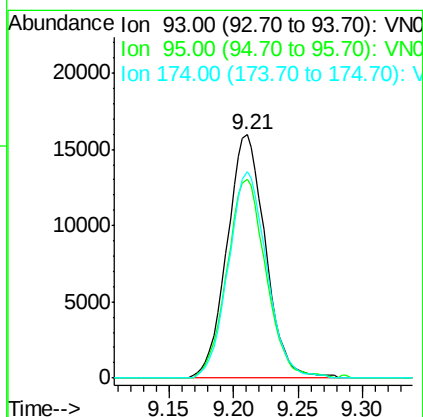
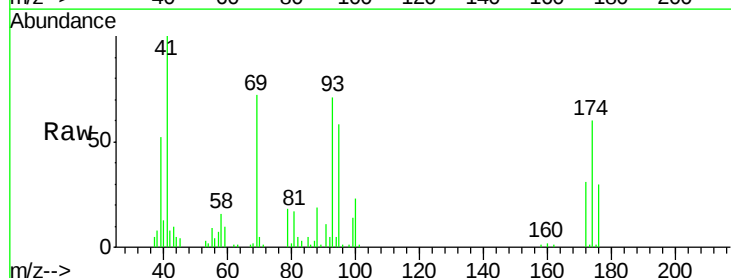
Tgt Ion: 93 Resp: 33021

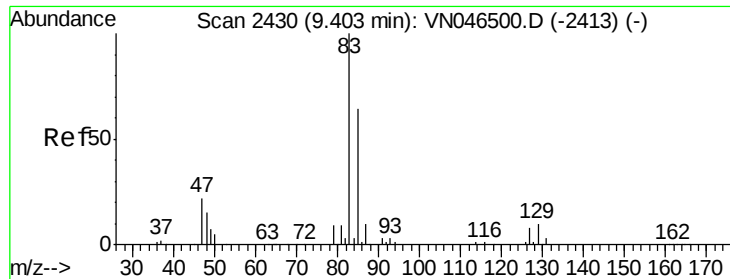
Ion Ratio Lower Upper

93 100

95 83.1 0.0 169.8

174 84.7 0.0 170.4





#41

Bromodichloromethane

Concen: 19.26 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

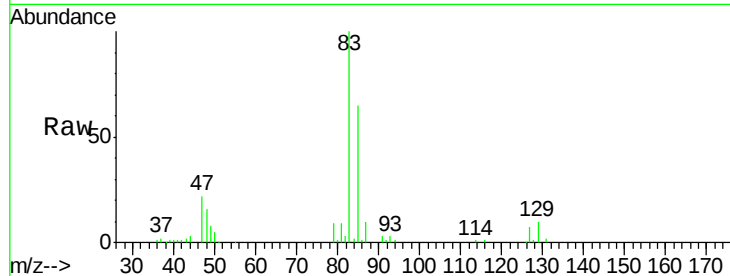
Tgt Ion: 83 Resp: 74261

Ion Ratio Lower Upper

83 100

85 65.0 53.6 80.4

127 7.3 6.0 9.0

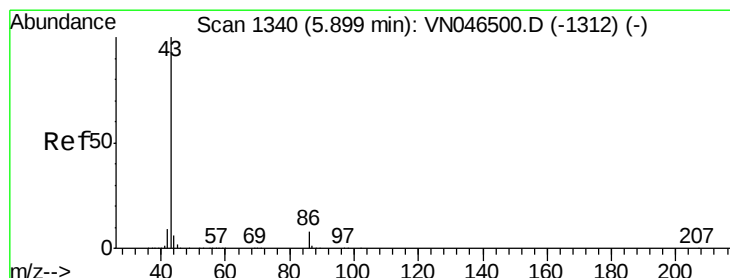
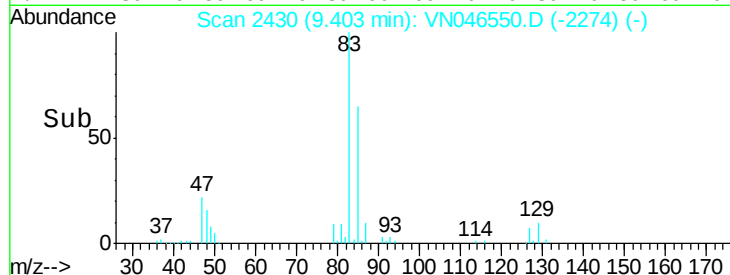


Abundance Ion 83.00 (82.70 to 83.70): VN046550.D (-2274) (-)

Ion 85.00 (84.70 to 85.70): VN046550.D (-2274) (-)

Ion 127.00 (126.70 to 127.70): VN046550.D (-2274) (-)

Time-->



#42

Vinyl Acetate

Concen: 97.66 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN046550.D

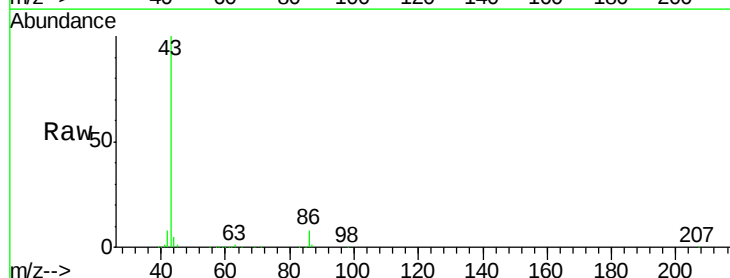
Acq: 24 Jan 2018 17:40

Tgt Ion: 43 Resp: 749287

Ion Ratio Lower Upper

43 100

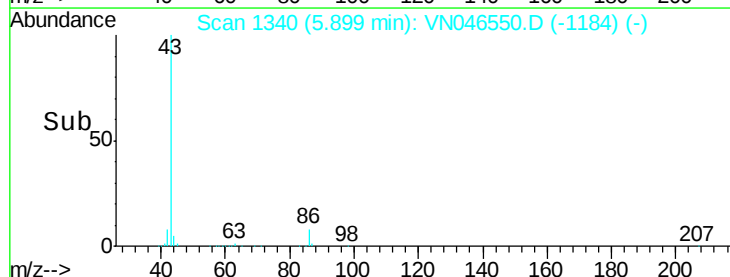
86 7.2 5.7 8.5

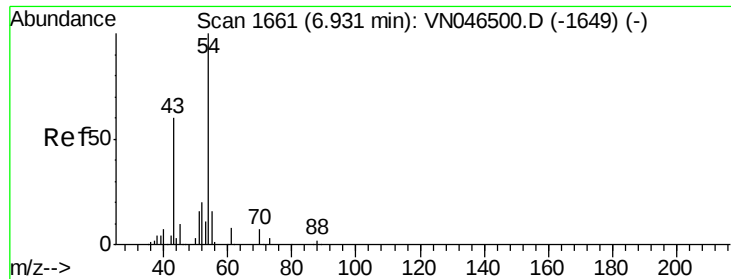


Abundance Ion 43.00 (42.70 to 43.70): VN046550.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN046550.D (-1184) (-)

Time-->

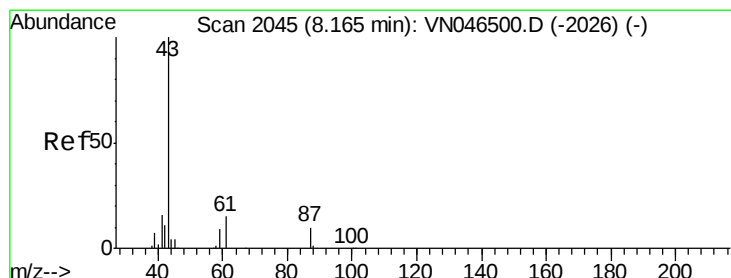
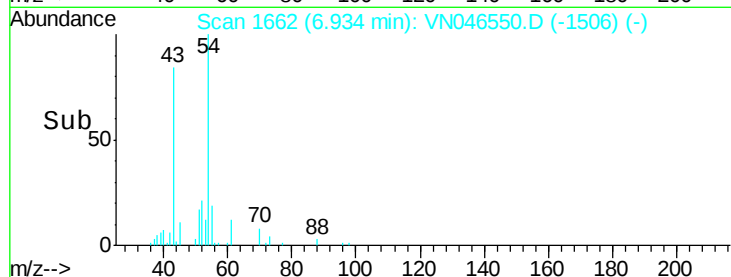
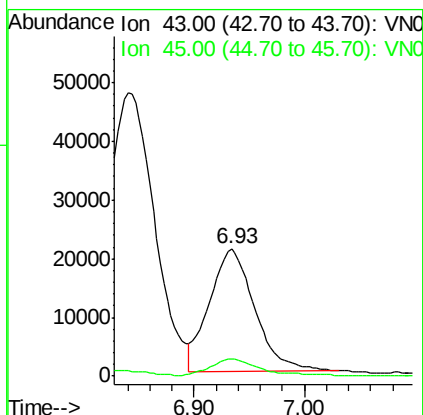
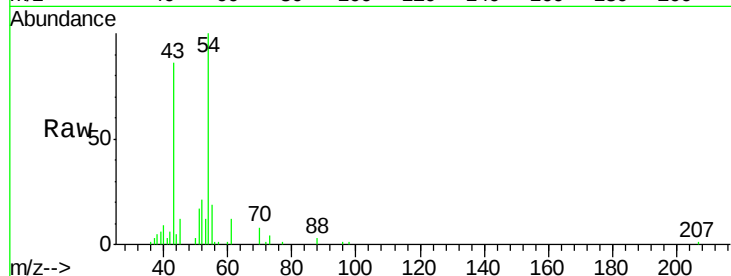




#43
Ethyl Acetate
Concen: 20.28 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

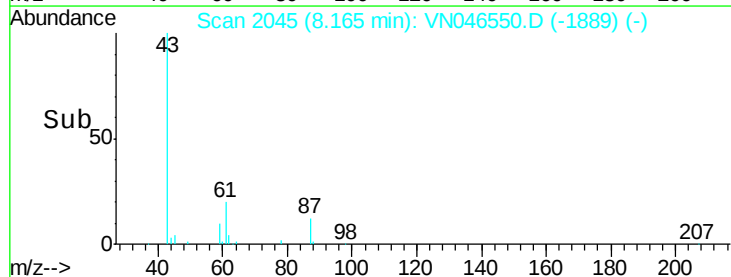
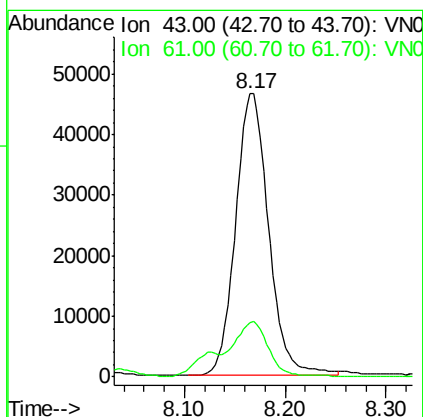
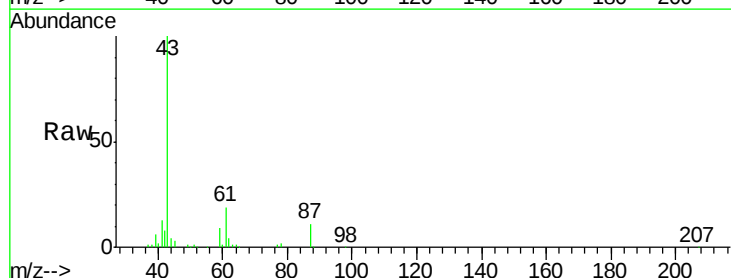
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

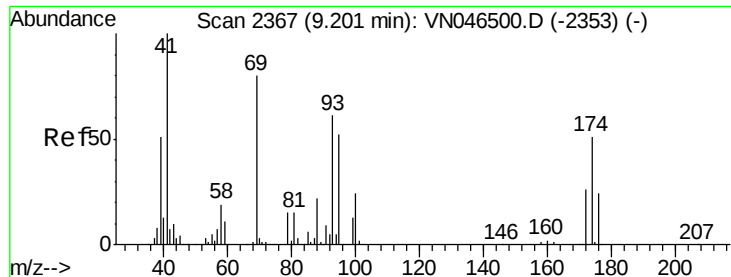
Tgt Ion: 43 Resp: 59516
Ion Ratio Lower Upper
43 100
45 12.4 10.4 15.6



#44
Isopropyl Acetate
Concen: 18.97 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Tgt Ion: 43 Resp: 105447
Ion Ratio Lower Upper
43 100
61 20.0 15.0 22.6

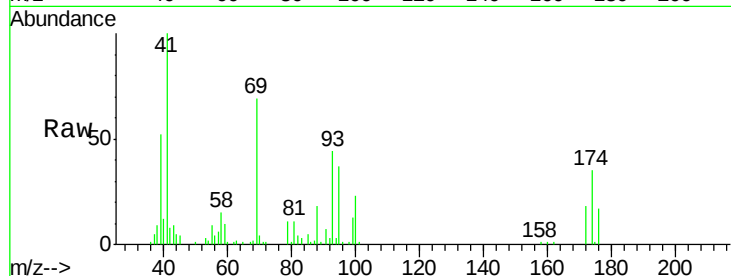




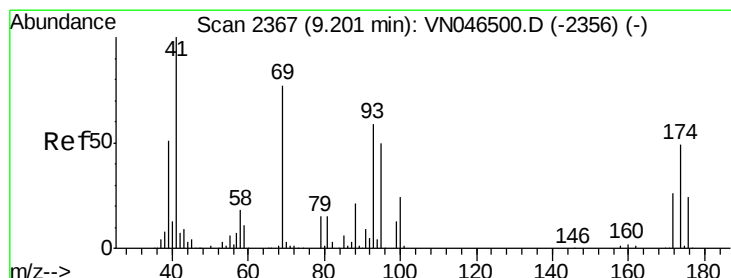
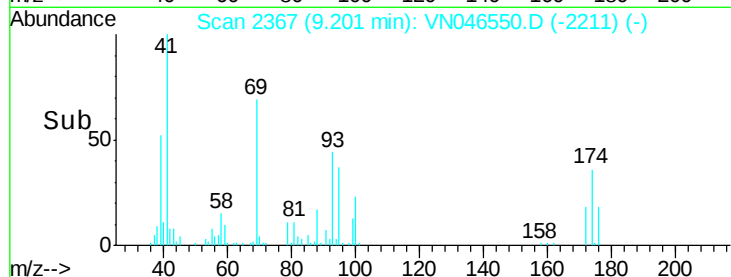
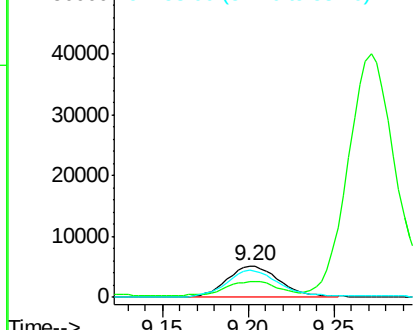
#45
 1,4-Dioxane
 Concen: 373.46 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

Tgt Ion: 88 Resp: 11019
 Ion Ratio Lower Upper
 88 100
 43 43.0 35.2 52.8
 58 87.9 71.2 106.8

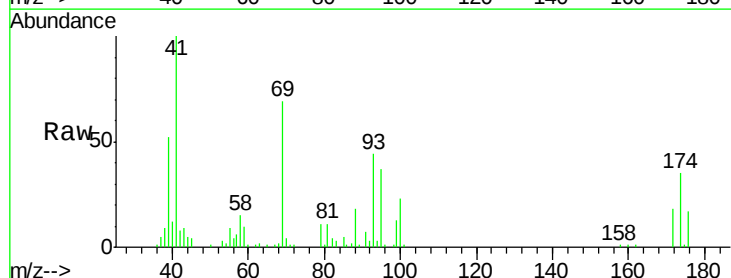


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

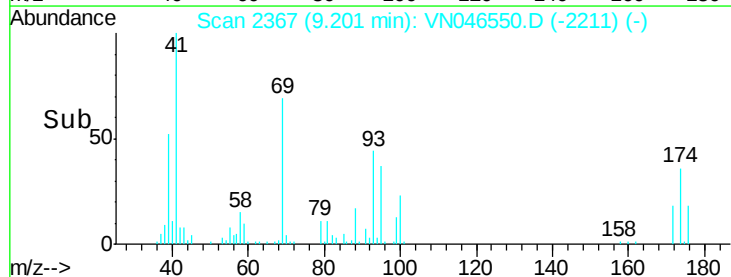
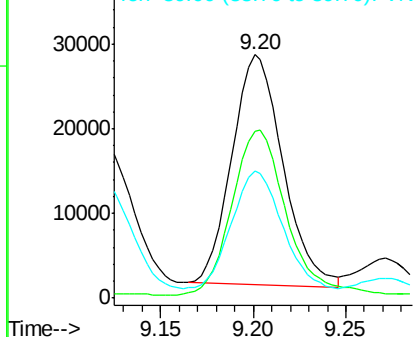


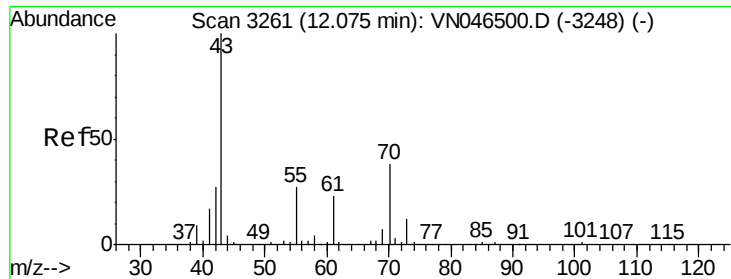
#46
 Methyl methacrylate
 Concen: 18.95 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion: 41 Resp: 52265
 Ion Ratio Lower Upper
 41 100
 69 71.1 36.0 108.0
 39 51.6 27.6 82.8



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





#47

n-amyl Acetate

Concen: 18.81 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

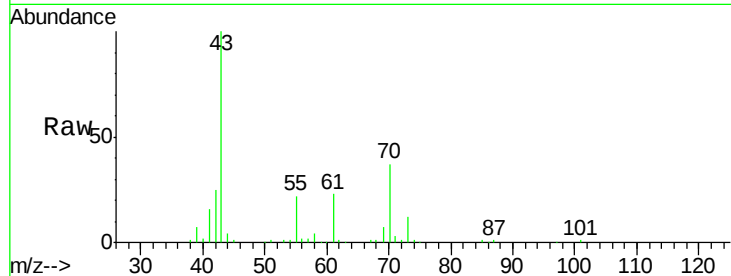
VN0124WBSD01

Tgt Ion: 43 Resp: 96657

Ion Ratio Lower Upper

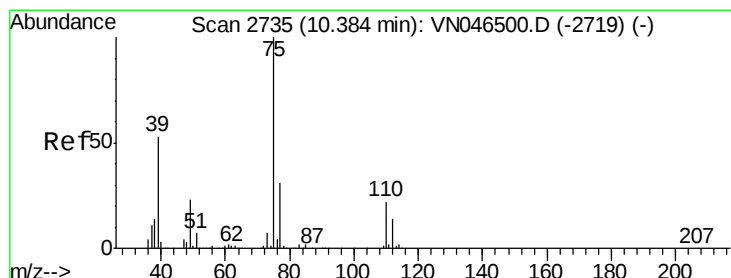
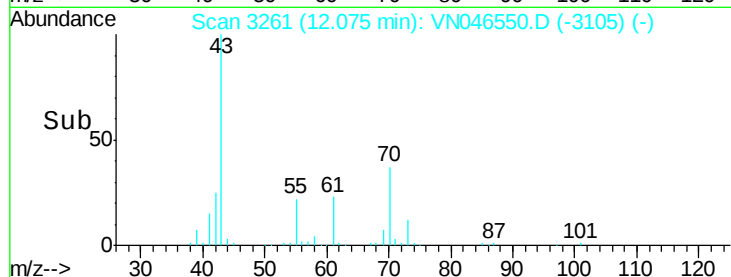
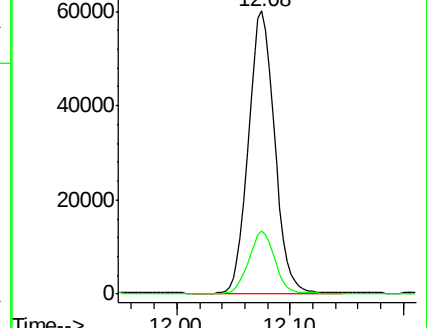
43 100

55 22.6 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.47 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN046550.D

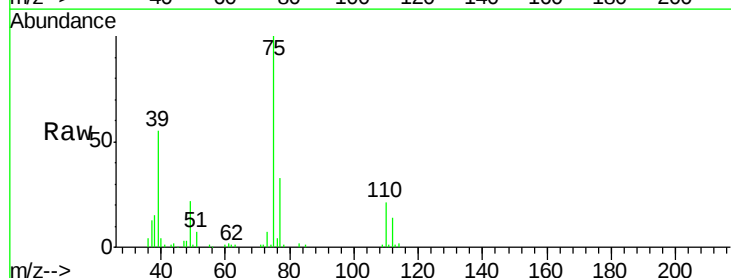
Acq: 24 Jan 2018 17:40

Tgt Ion: 75 Resp: 79260

Ion Ratio Lower Upper

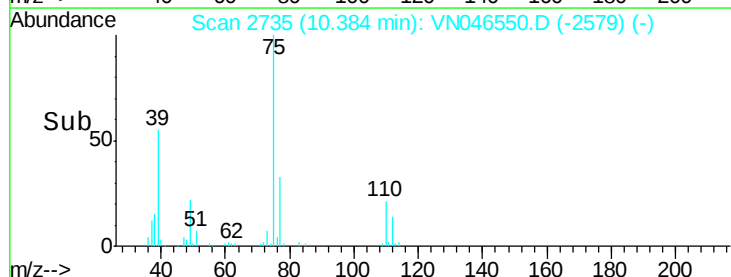
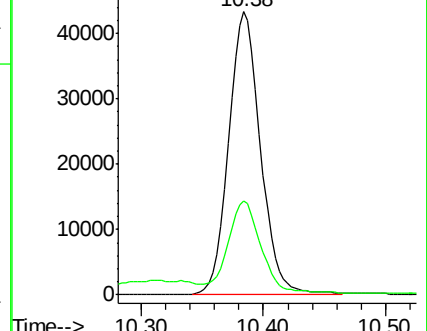
75 100

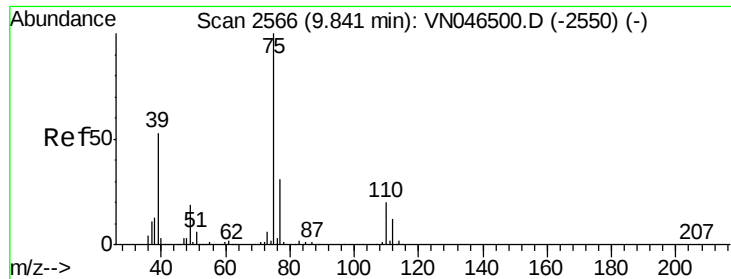
77 32.5 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 18.94 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

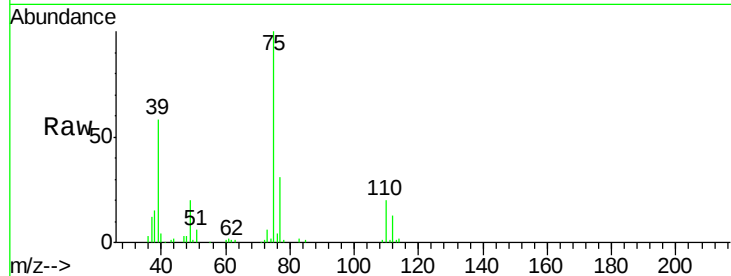
Tgt Ion: 75 Resp: 93058

Ion Ratio Lower Upper

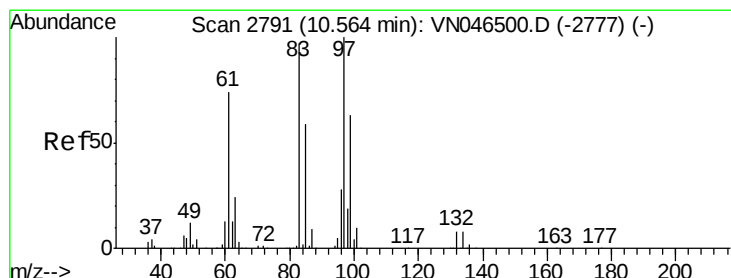
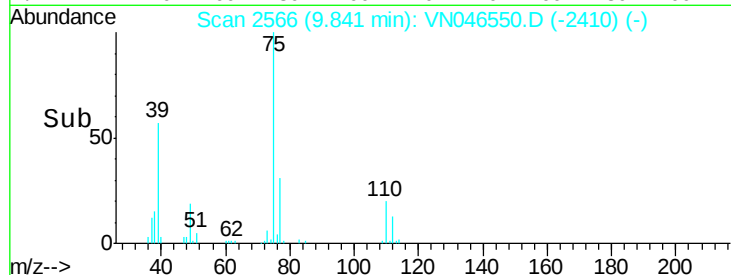
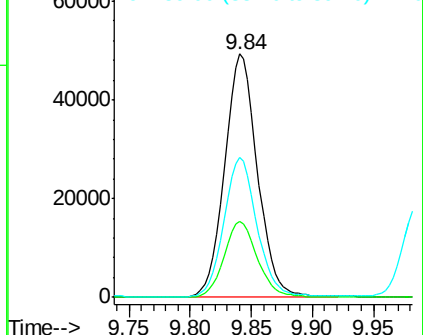
75 100

77 31.1 25.0 37.4

39 57.1 45.1 67.7



Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 77.00 (76.70 to 77.70): VN0
Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane

Concen: 19.65 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Tgt Ion: 97 Resp: 47409

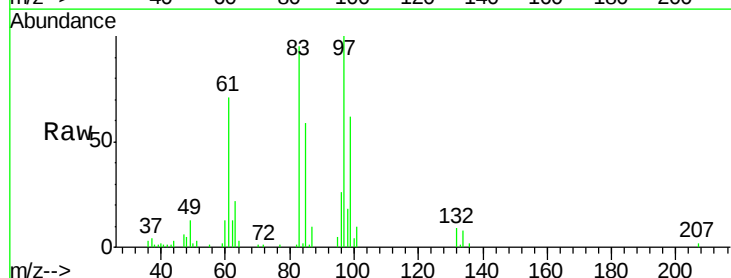
Ion Ratio Lower Upper

97 100

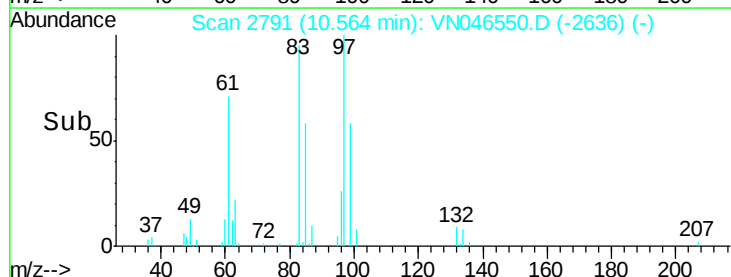
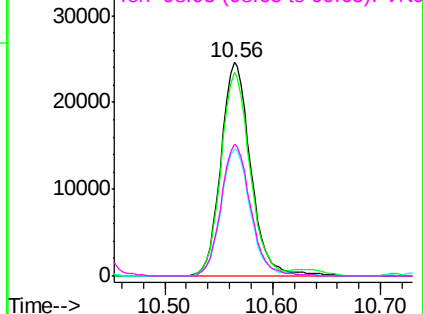
83 95.2 74.8 112.2

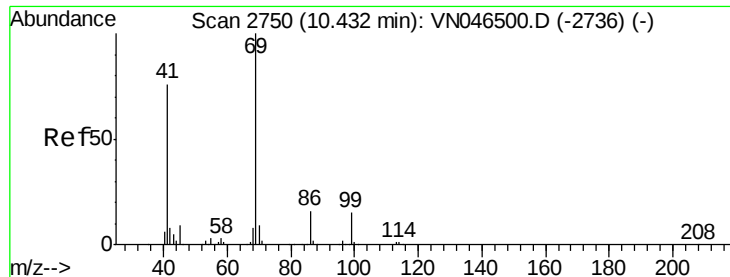
85 59.5 47.5 71.3

99 61.7 49.4 74.0



Abundance Ion 97.00 (96.70 to 97.70): VN0
Ion 82.95 (82.65 to 83.65): VN0
Ion 84.95 (84.65 to 85.65): VN0
Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 19.34 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

VN0124WBSD01

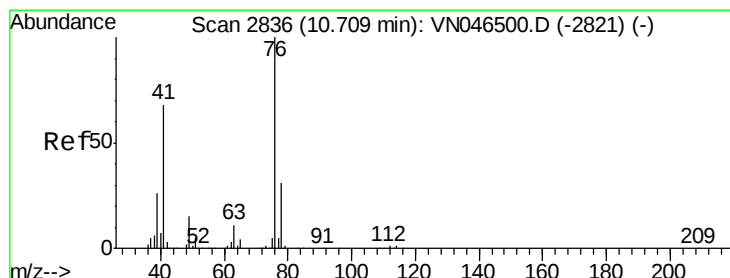
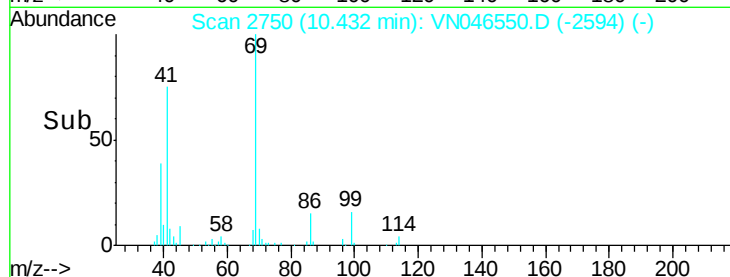
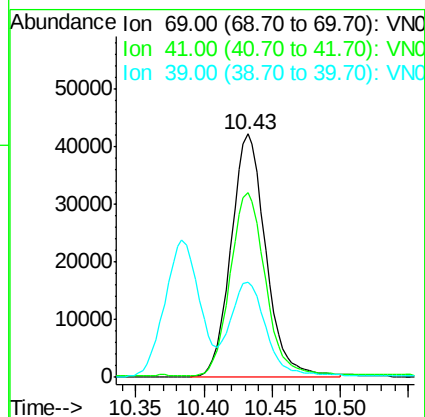
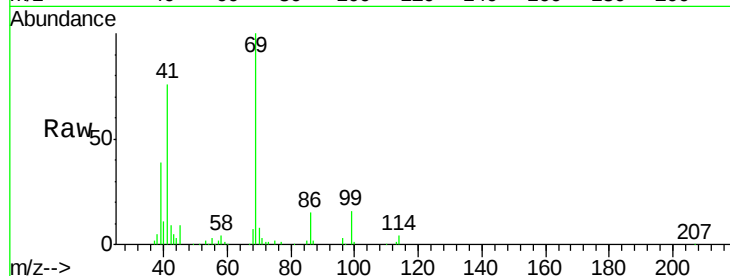
Tgt Ion: 69 Resp: 75165

Ion Ratio Lower Upper

69 100

41 75.3 37.8 113.4

39 38.3 19.3 57.8



#52

1,3-Dichloropropane

Concen: 19.35 ug/l

RT: 10.71 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN046550.D

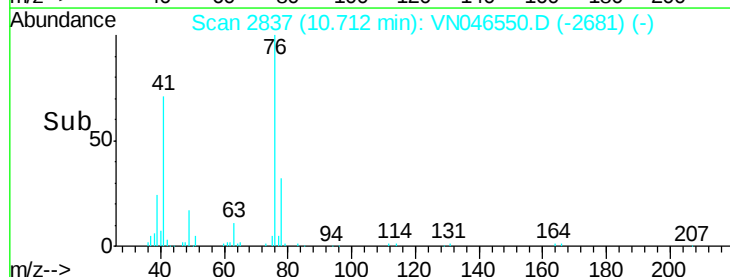
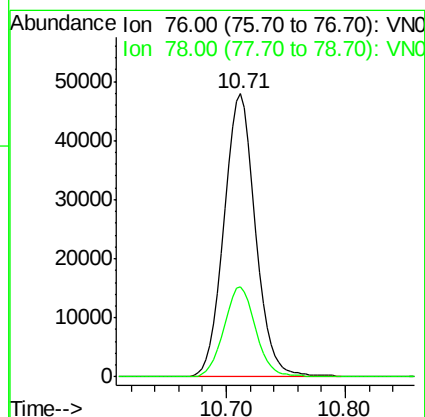
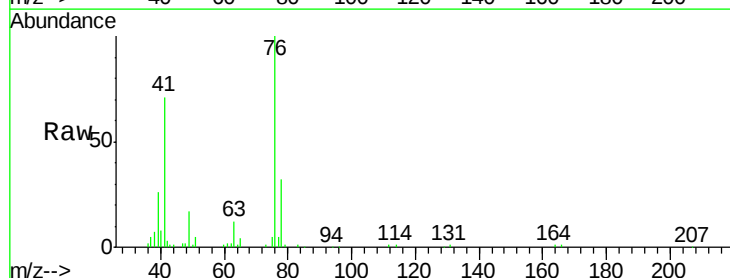
Acq: 24 Jan 2018 17:40

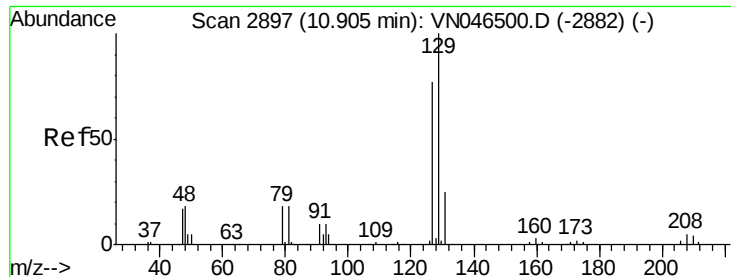
Tgt Ion: 76 Resp: 87897

Ion Ratio Lower Upper

76 100

78 32.1 0.0 63.6





#53

Dibromochloromethane

Concen: 19.26 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

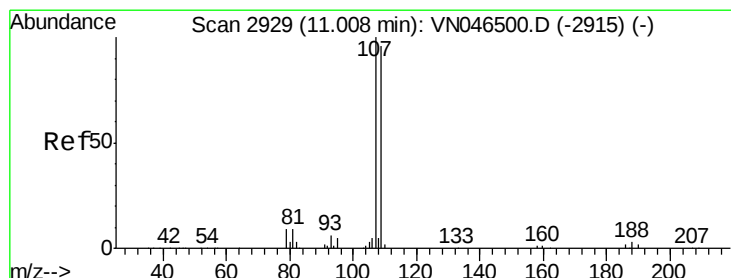
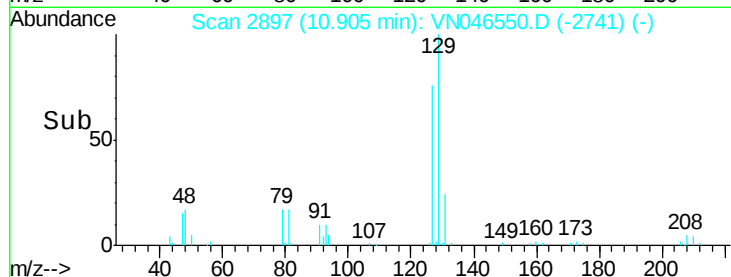
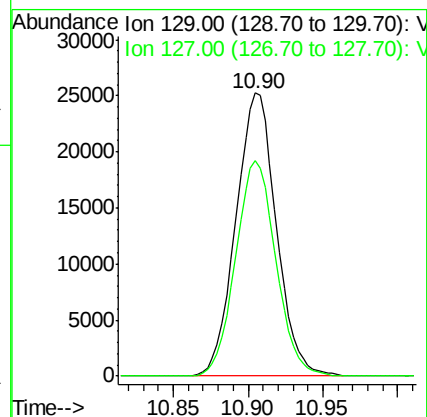
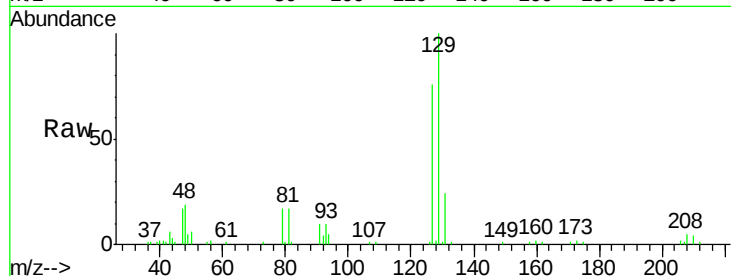
VN0124WBSD01

Tgt Ion:129 Resp: 47575

Ion Ratio Lower Upper

129 100

127 75.7 38.6 116.0



#54

1,2-Dibromoethane

Concen: 19.37 ug/l

RT: 11.01 min Scan# 2930

Delta R.T. 0.00 min

Lab File: VN046550.D

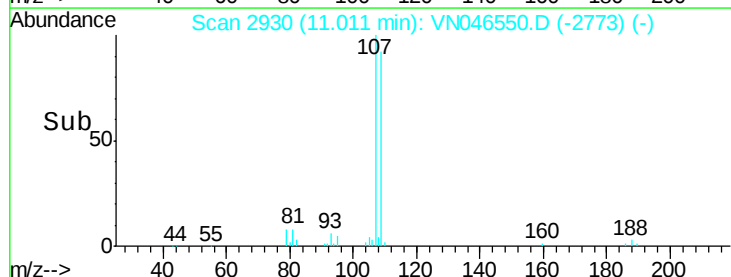
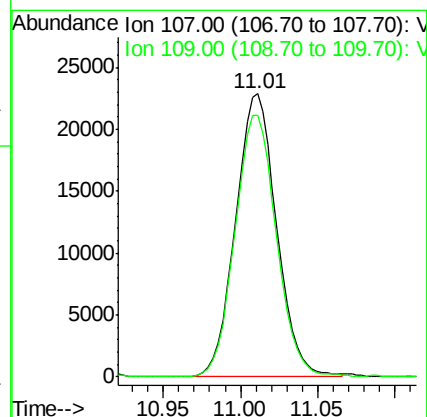
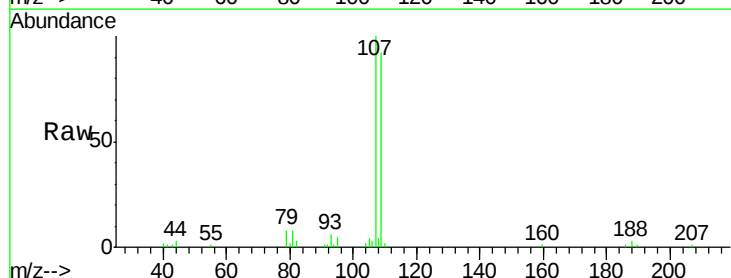
Acq: 24 Jan 2018 17:40

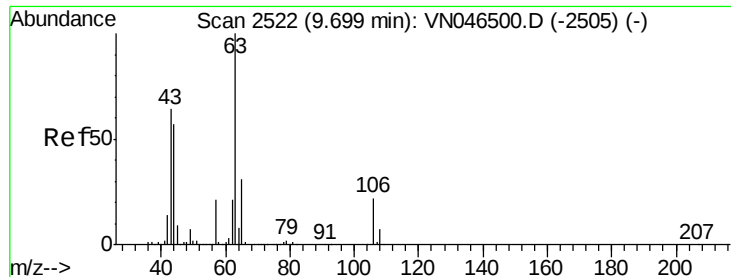
Tgt Ion:107 Resp: 42060

Ion Ratio Lower Upper

107 100

109 93.3 74.7 112.1

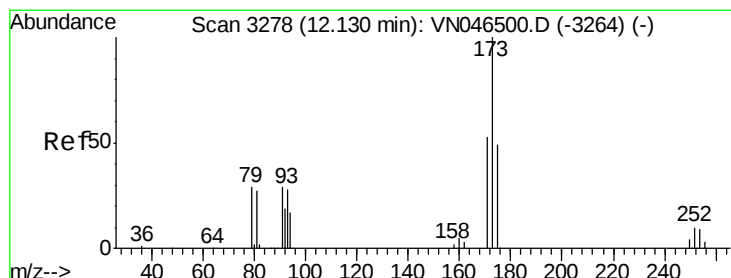
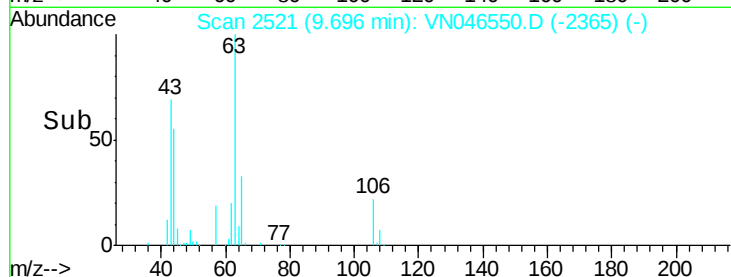
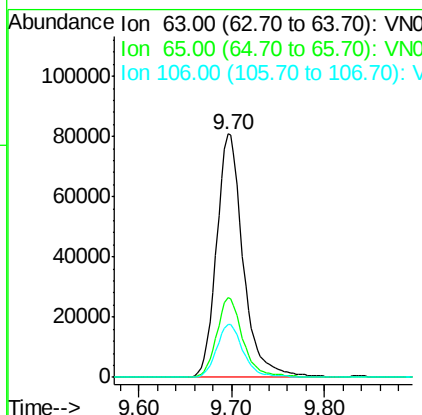
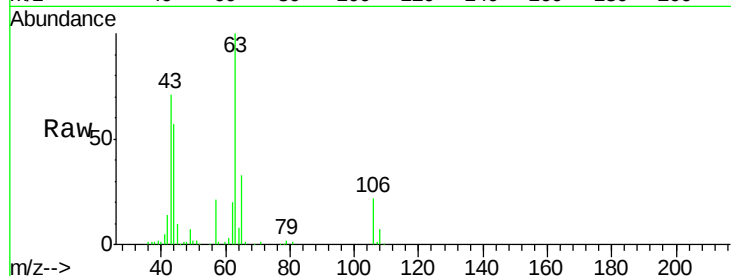




#55
 2-Chloroethyl vinyl ether
 Concen: 97.65 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

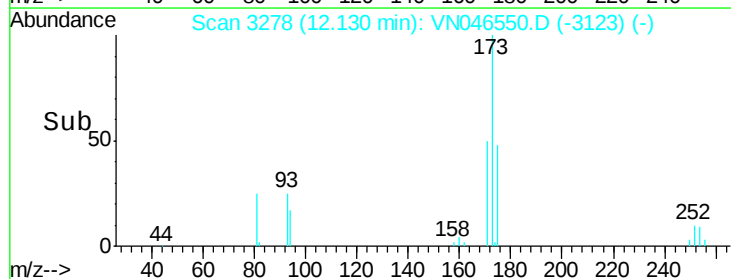
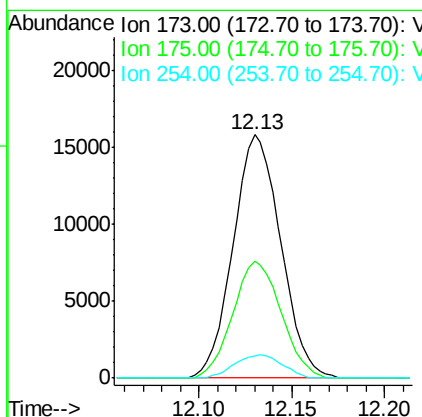
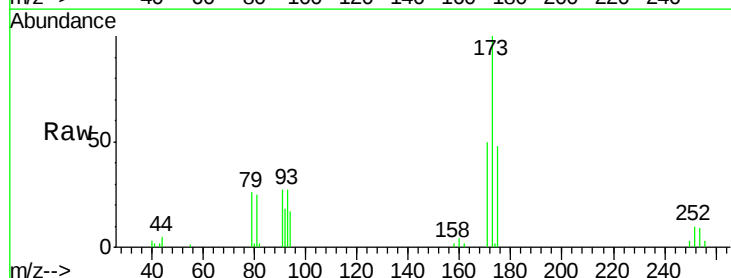
Instrument :
 MSVOA_N
 ClientSampled :
 VN0124WBSD01

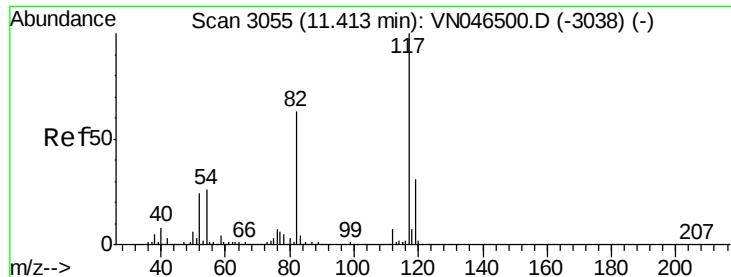
Tgt Ion: 63 Resp: 161169
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.7 38.5
 106 21.8 17.7 26.5



#56
 Bromoform
 Concen: 18.53 ug/l
 RT: 12.13 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion: 173 Resp: 28263
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.5 57.7
 254 9.5 7.3 10.9

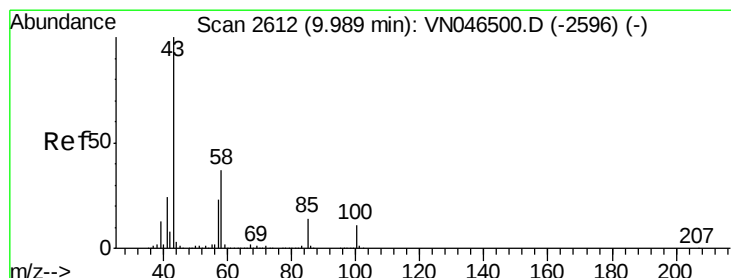
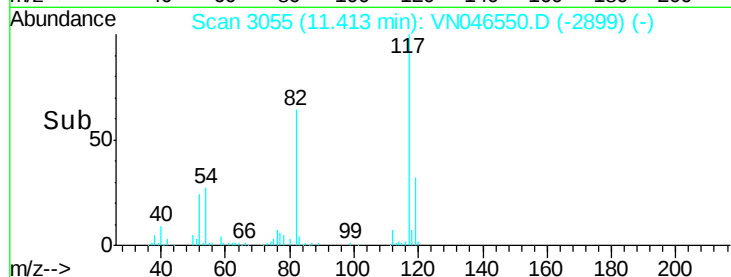
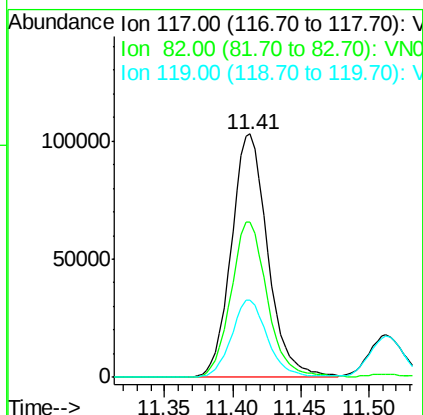
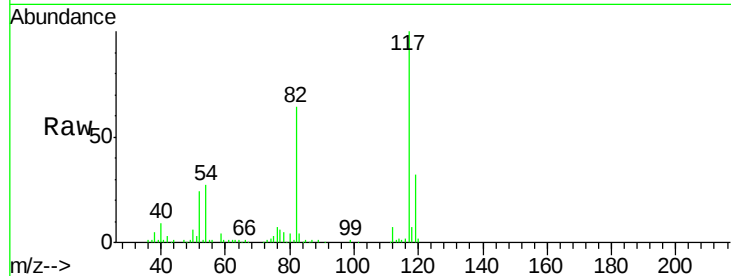




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

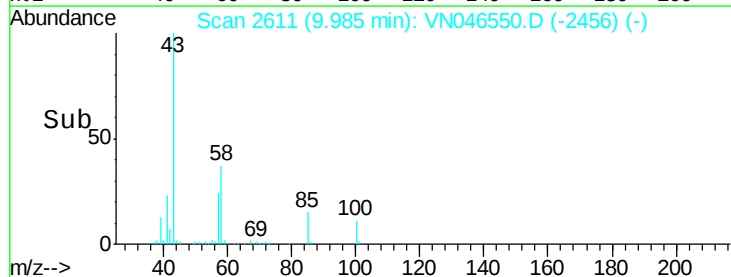
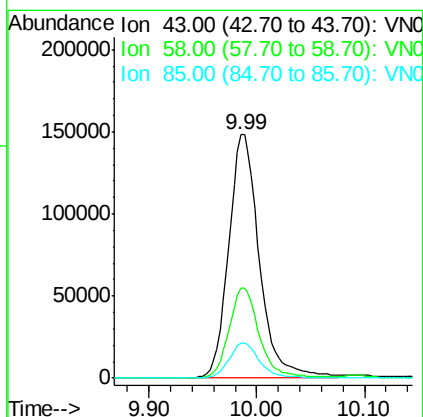
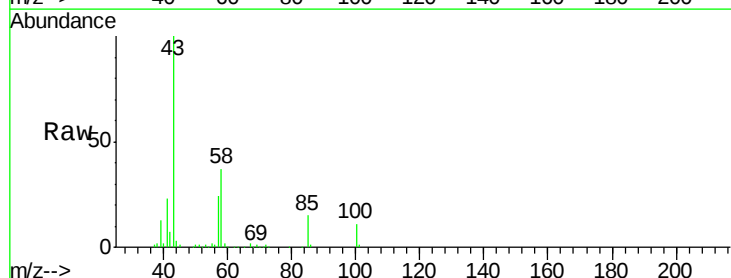
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

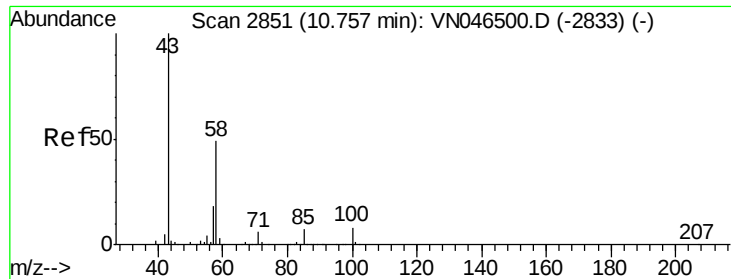
Tgt Ion: 117 Resp: 190851
Ion Ratio Lower Upper
117 100
82 63.9 51.5 77.3
119 31.7 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 99.79 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Tgt Ion: 43 Resp: 292849
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2
85 14.6 11.5 17.3

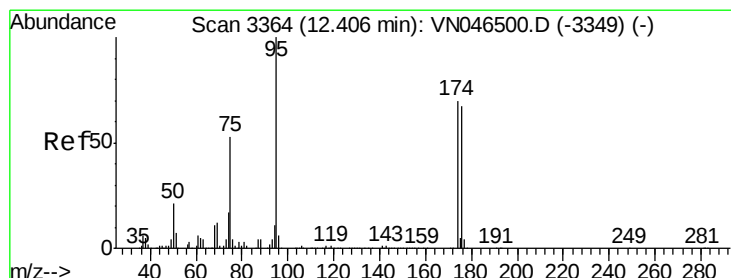
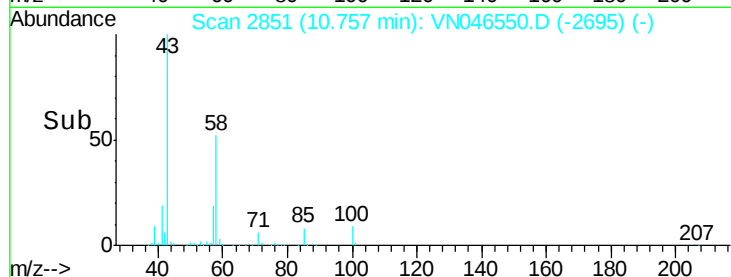
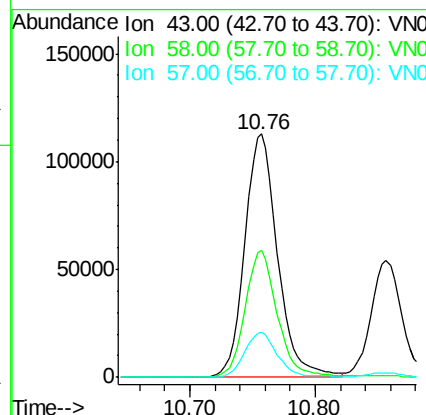
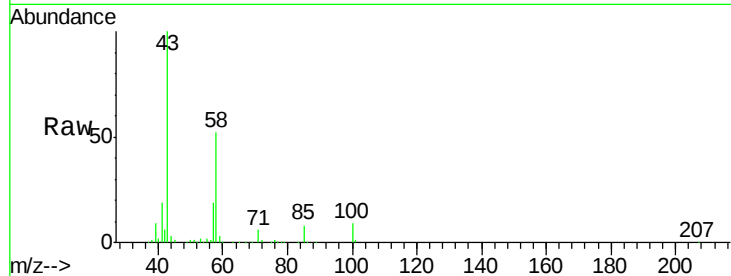




#59
2-Hexanone
Concen: 98.15 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

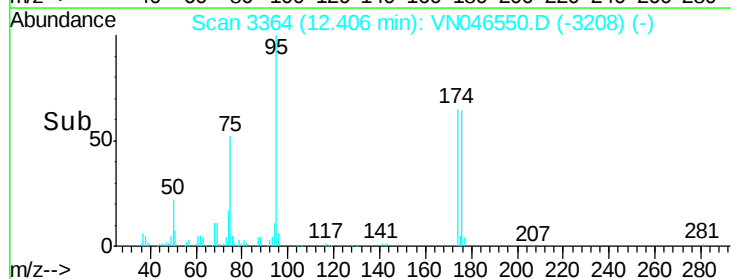
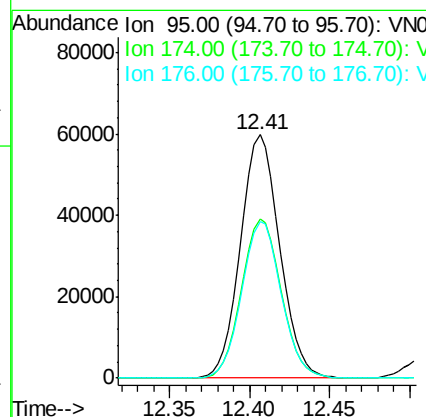
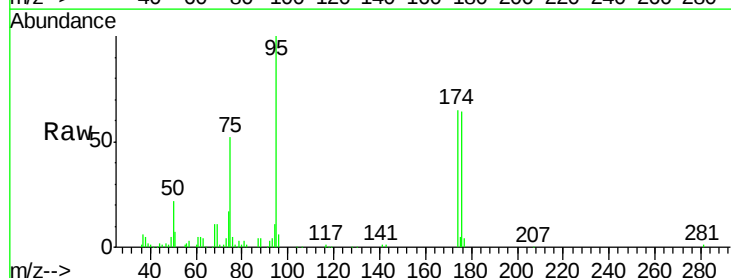
Instrument :
MSVOA_N
ClientSampled :
VN0124WBSD01

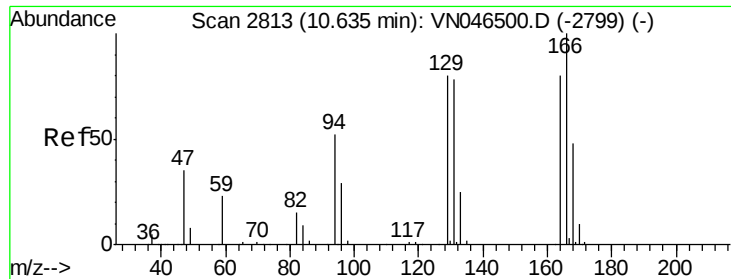
Tgt Ion: 43 Resp: 203969
Ion Ratio Lower Upper
43 100
58 51.7 41.4 62.0
57 18.7 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.29 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Tgt Ion: 95 Resp: 100081
Ion Ratio Lower Upper
95 100
174 66.1 52.5 78.7
176 64.5 50.6 75.8





#61

Tetrachloroethene

Concen: 19.85 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

Tgt Ion:164 Resp: 42571

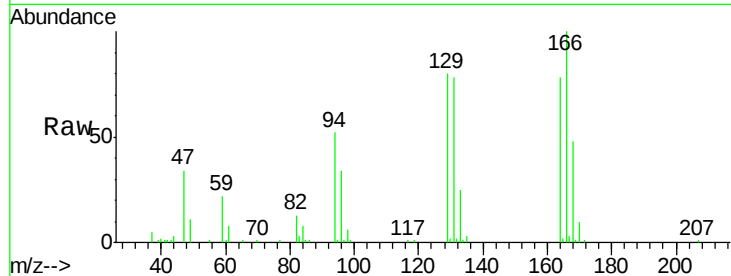
Ion Ratio Lower Upper

164 100

166 126.7 101.6 152.4

129 102.2 83.8 125.6

131 99.1 79.8 119.8

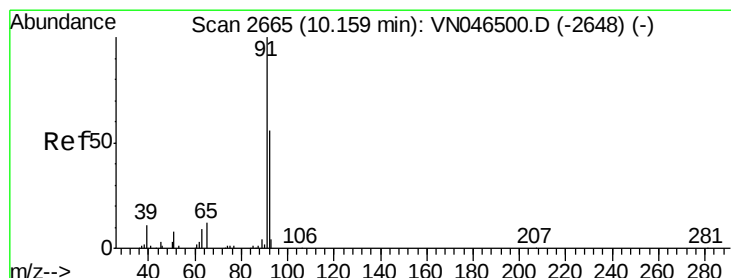
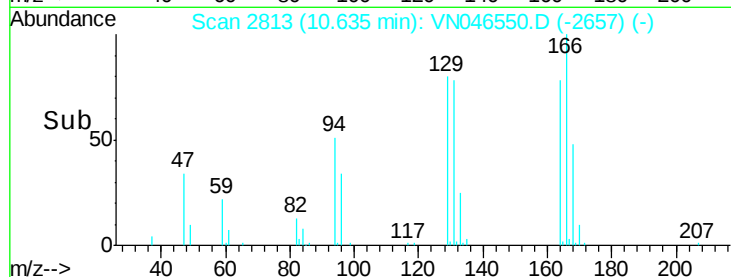
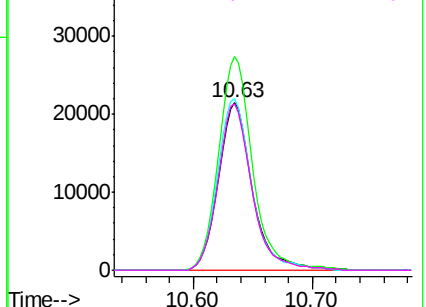


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.64 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN046550.D

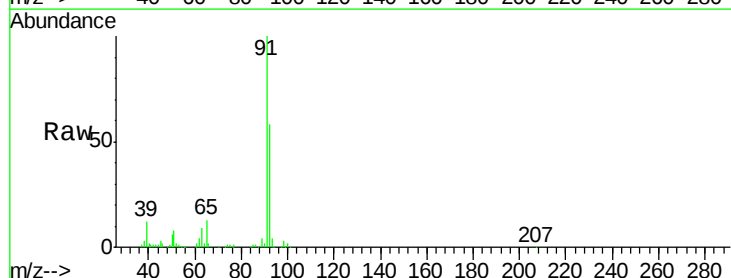
Acq: 24 Jan 2018 17:40

Tgt Ion: 91 Resp: 229214

Ion Ratio Lower Upper

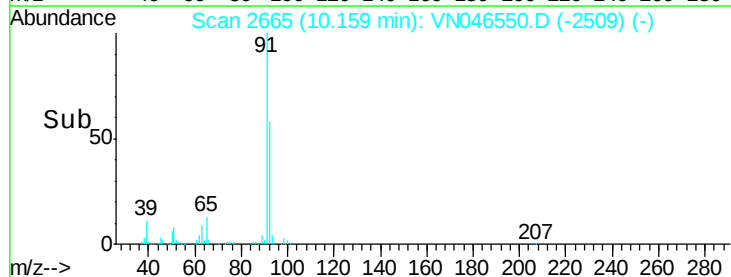
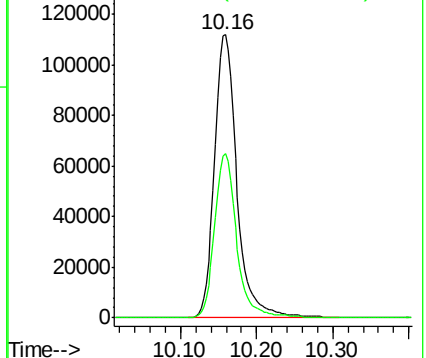
91 100

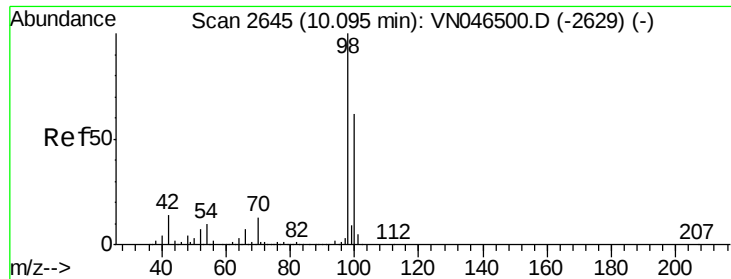
92 56.3 45.6 68.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.18 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

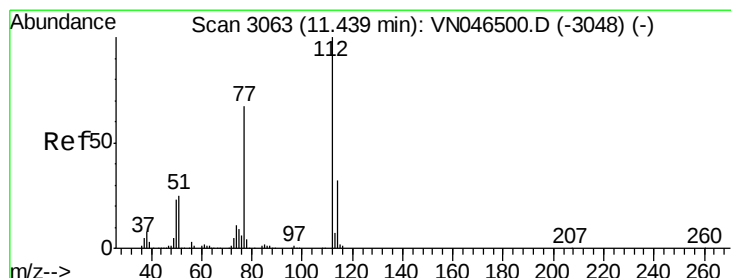
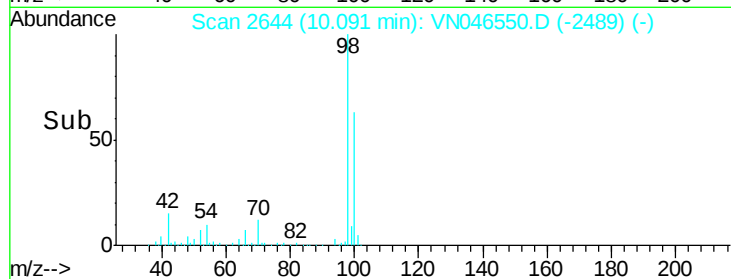
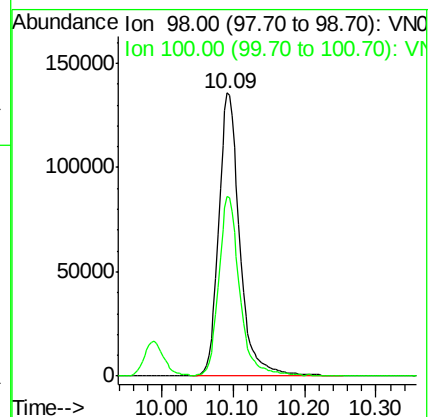
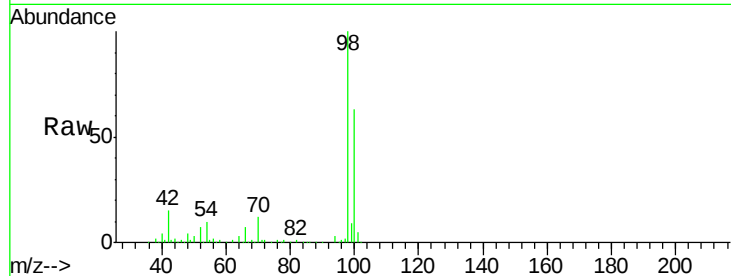
VN0124WBSD01

Tgt Ion: 98 Resp: 278128

Ion Ratio Lower Upper

98 100

100 61.8 50.8 76.2



#64

Chlorobenzene

Concen: 19.34 ug/l

RT: 11.44 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN046550.D

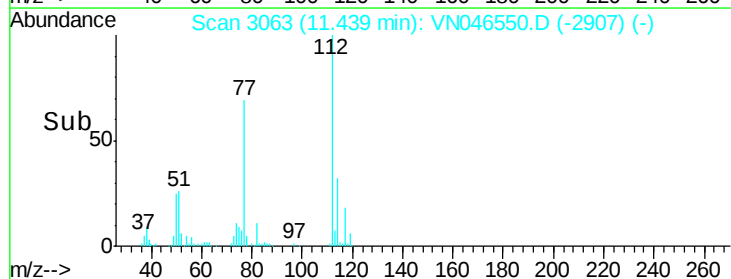
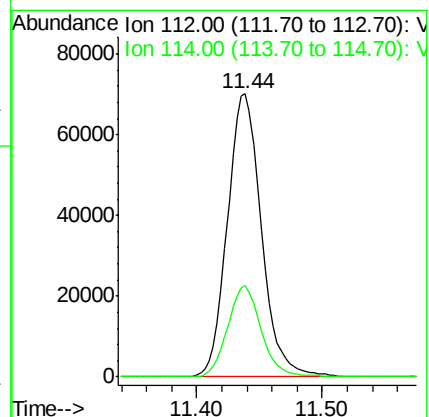
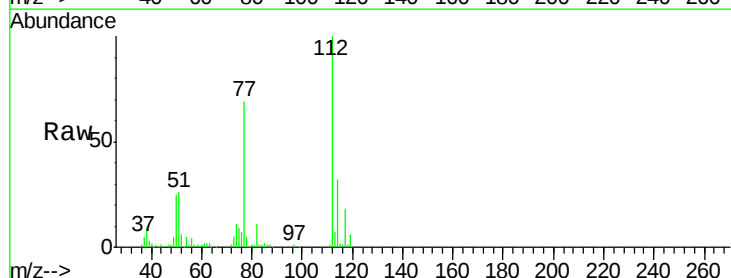
Acq: 24 Jan 2018 17:40

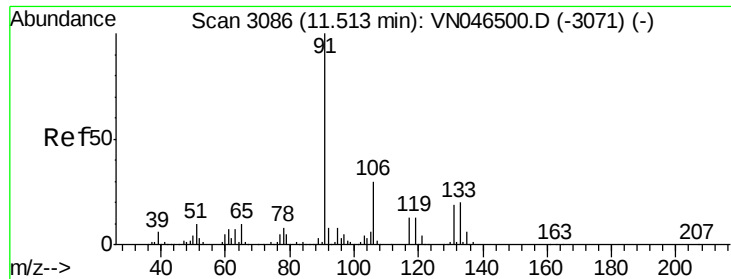
Tgt Ion: 112 Resp: 131766

Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 19.39 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

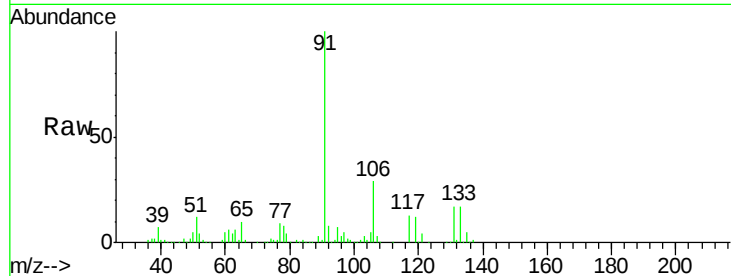
Tgt Ion:131 Resp: 44454

Ion Ratio Lower Upper

131 100

133 94.1 0.0 191.6

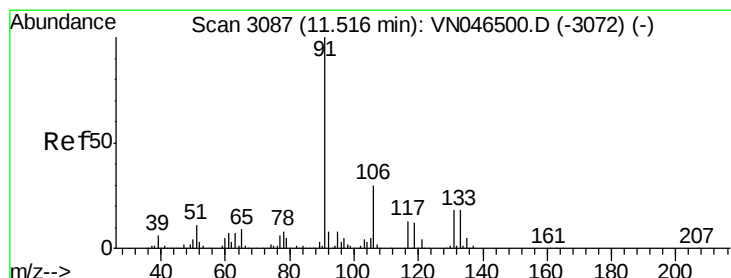
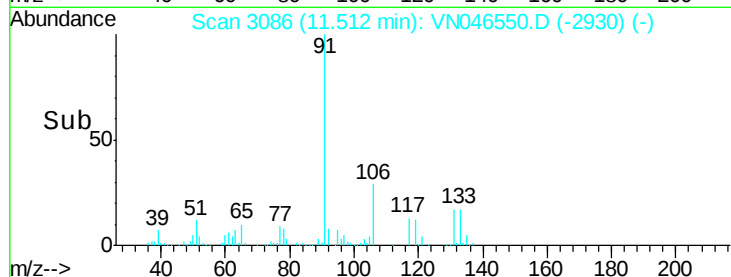
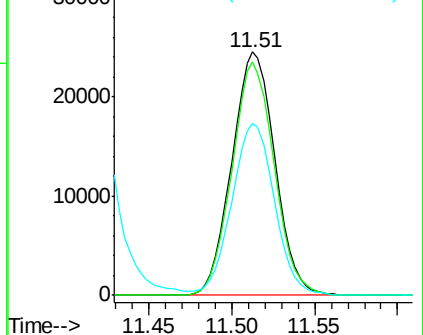
119 69.8 0.0 141.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.66 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VN046550.D

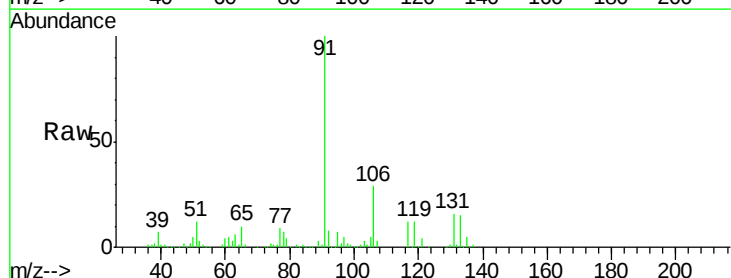
Acq: 24 Jan 2018 17:40

Tgt Ion: 91 Resp: 251936

Ion Ratio Lower Upper

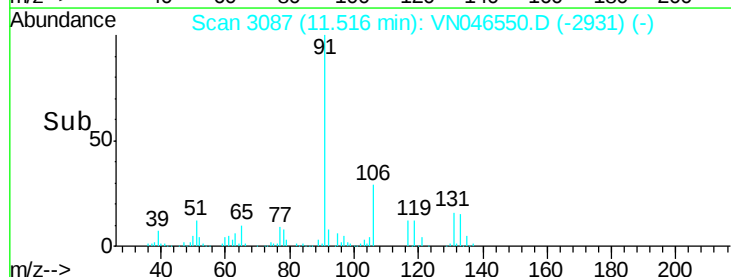
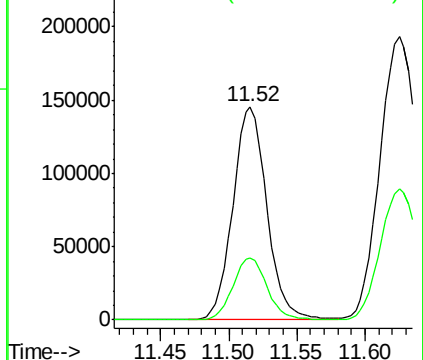
91 100

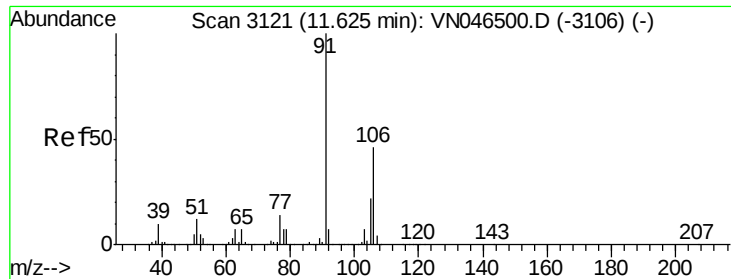
106 29.3 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.70 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

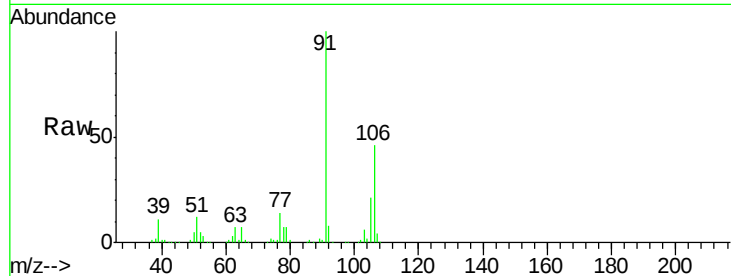
VN0124WBSD01

Tgt Ion:106 Resp: 178203

Ion Ratio Lower Upper

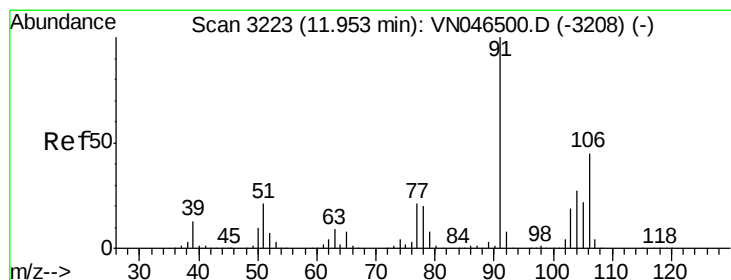
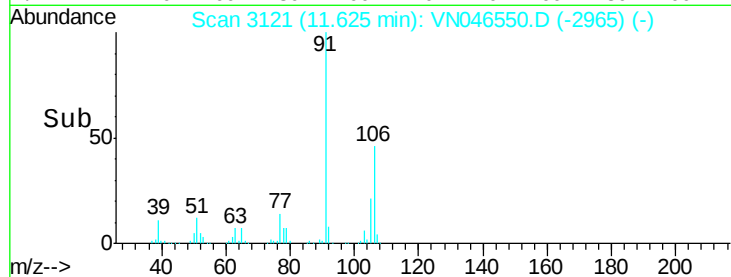
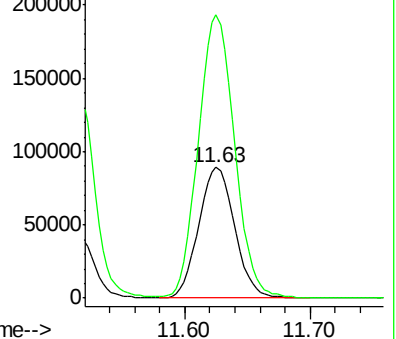
106 100

91 217.8 173.8 260.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.66 ug/l

RT: 11.95 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN046550.D

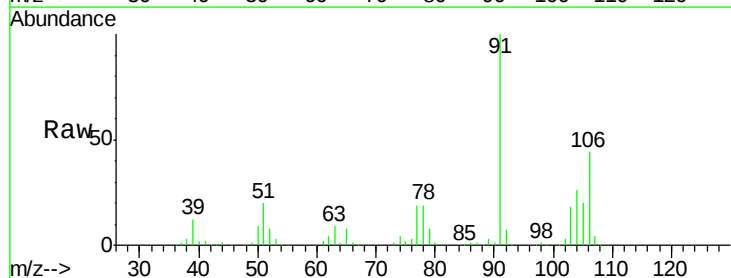
Acq: 24 Jan 2018 17:40

Tgt Ion:106 Resp: 87797

Ion Ratio Lower Upper

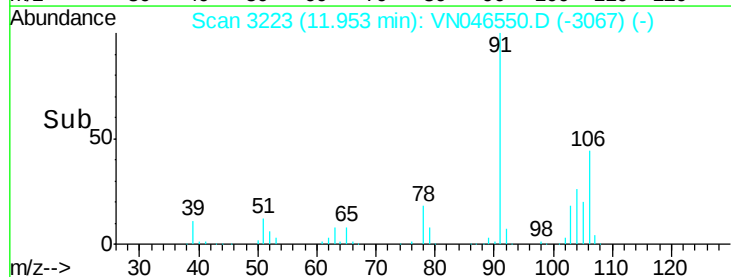
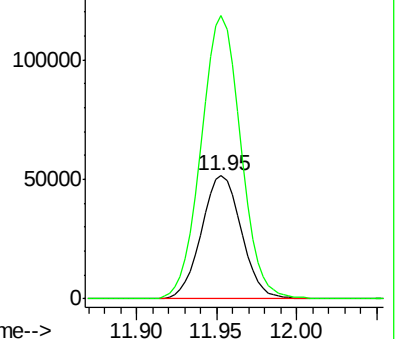
106 100

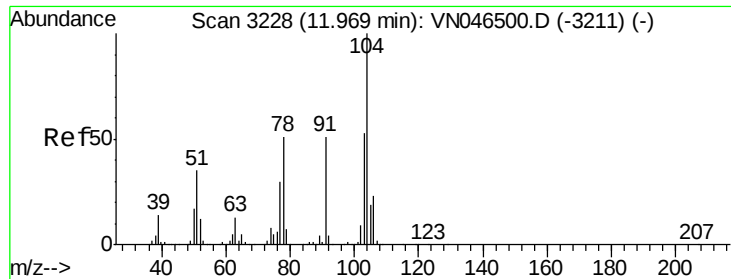
91 227.9 115.7 346.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#69

Styrene

Concen: 19.32 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

VN0124WBSD01

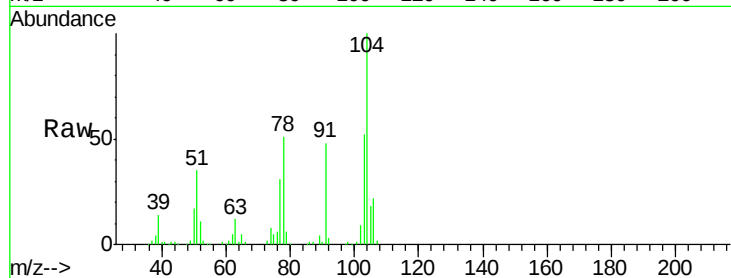
Tgt Ion:104 Resp: 142626

Ion Ratio Lower Upper

104 100

78 56.5 45.5 68.3

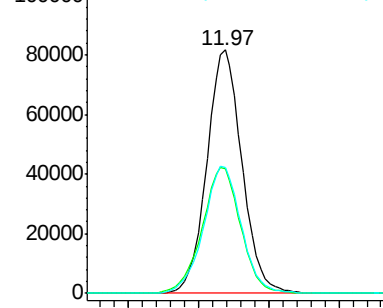
103 56.1 45.0 67.4



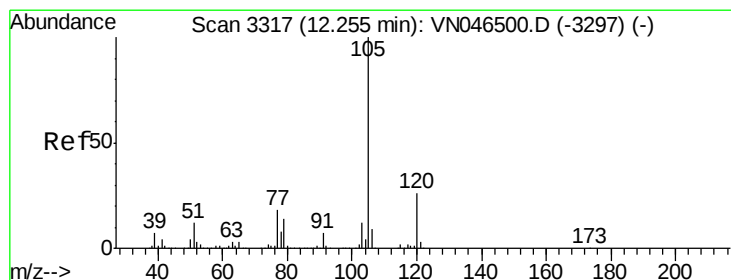
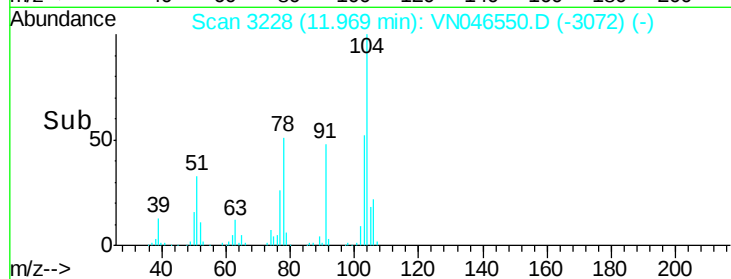
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#70

Isopropylbenzene

Concen: 19.64 ug/l

RT: 12.26 min Scan# 3317

Delta R.T. 0.00 min

Lab File: VN046550.D

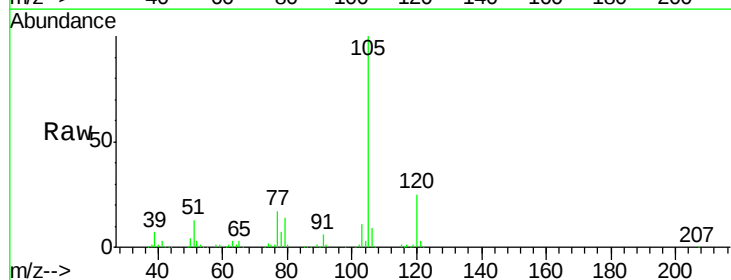
Acq: 24 Jan 2018 17:40

Tgt Ion:105 Resp: 233324

Ion Ratio Lower Upper

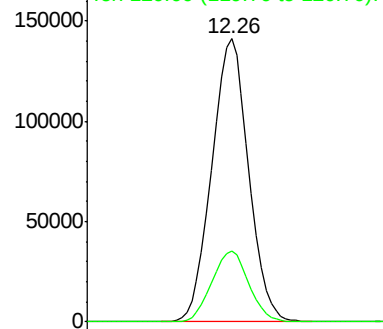
105 100

120 25.2 17.8 33.1

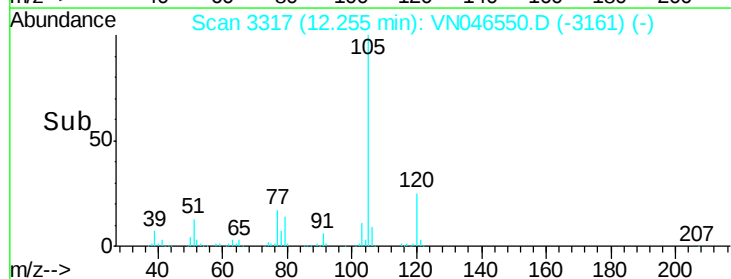


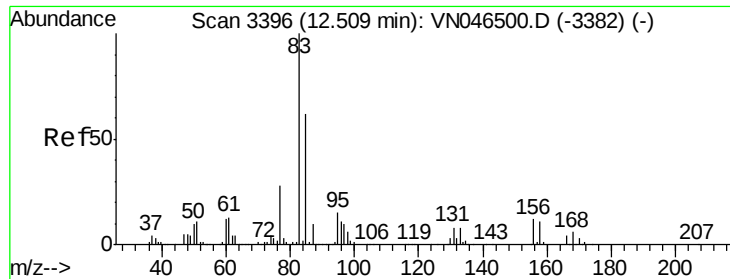
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#71

1,1,2,2-Tetrachloroethane

Concen: 19.84 ug/l

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

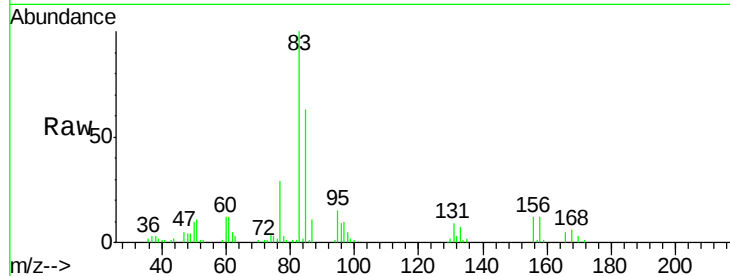
Tgt Ion: 83 Resp: 60866

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

85 63.9 32.4 97.2

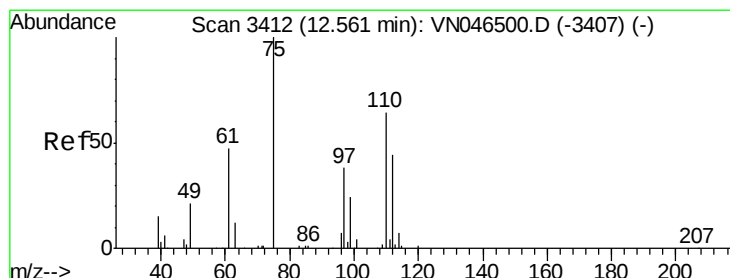
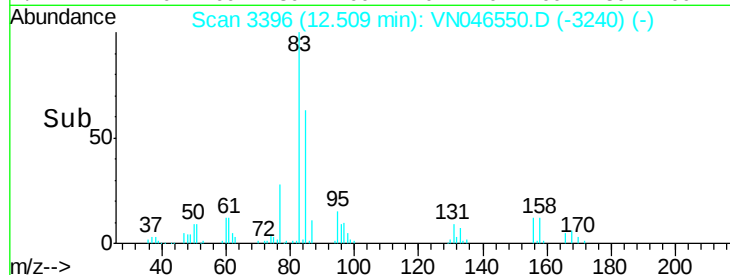


Abundance Ion 83.00 (82.70 to 83.70): VN046550.D (-3382) (-)

Ion 131.00 (130.70 to 131.70): VN046550.D (-3382) (-)

Ion 85.00 (84.70 to 85.70): VN046550.D (-3382) (-)

Time-->



#72

1,2,3-Trichloropropane

Concen: 31.58 ug/l

RT: 12.56 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN046550.D

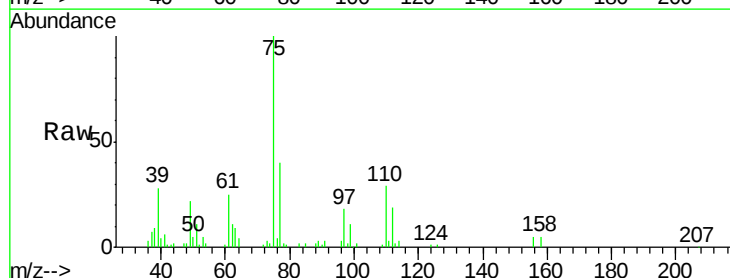
Acq: 24 Jan 2018 17:40

Tgt Ion: 75 Resp: 79807

Ion Ratio Lower Upper

75 100

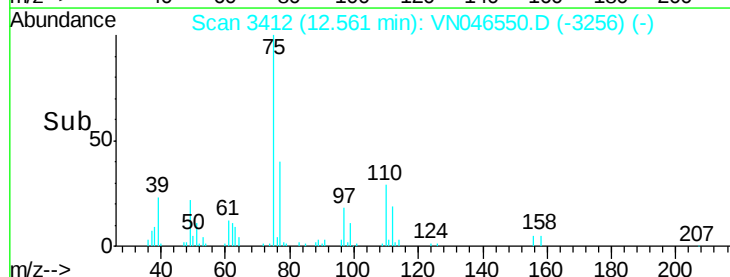
77 154.7 0.0 479.2

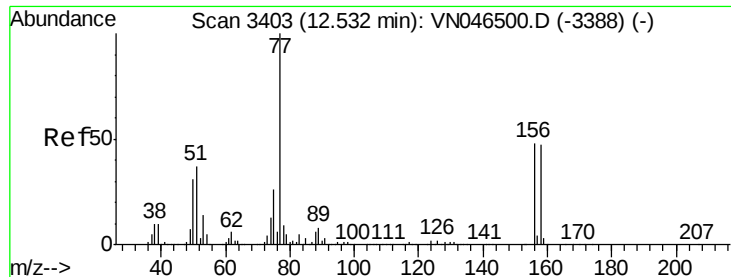


Abundance Ion 75.00 (74.70 to 75.70): VN046550.D (-3407) (-)

Ion 77.00 (76.70 to 77.70): VN046550.D (-3407) (-)

Time-->





#73

Bromobenzene

Concen: 19.57 ug/l

RT: 12.53 min Scan# 3403

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

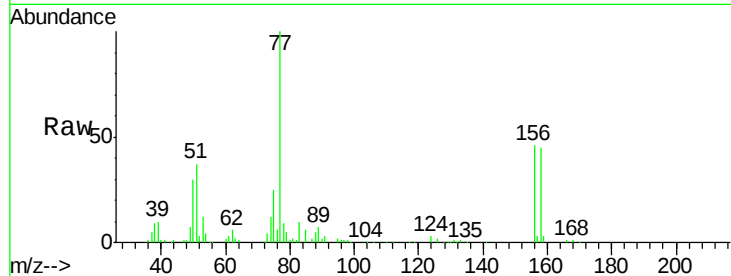
Tgt Ion:156 Resp: 48863

Ion Ratio Lower Upper

156 100

77 252.7 0.0 516.8

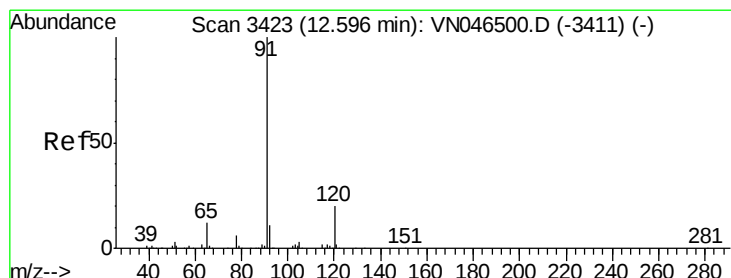
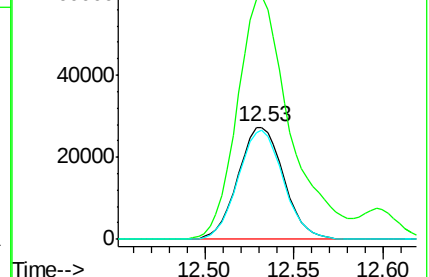
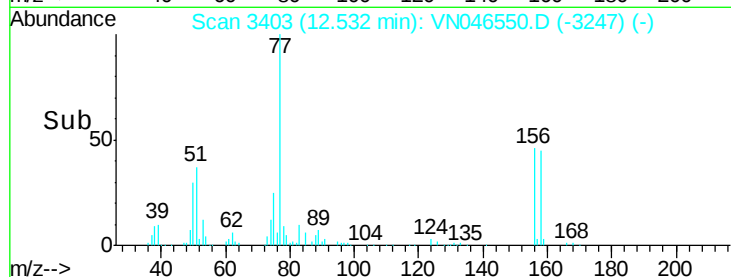
158 95.8 0.0 195.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.36 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN046550.D

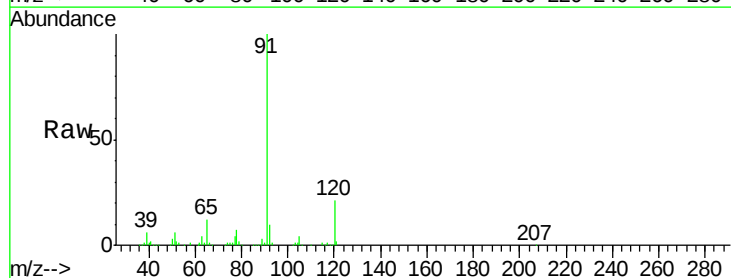
Acq: 24 Jan 2018 17:40

Tgt Ion: 91 Resp: 288567

Ion Ratio Lower Upper

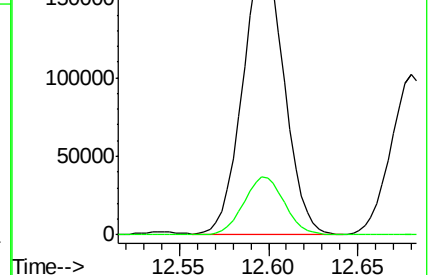
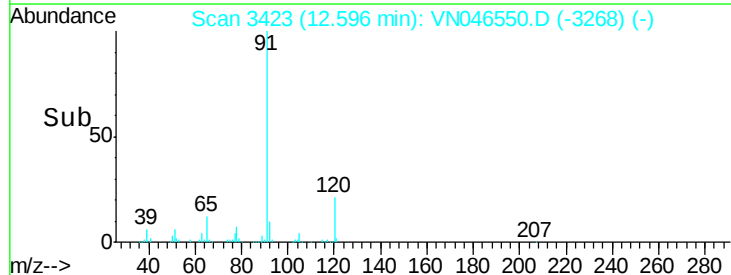
91 100

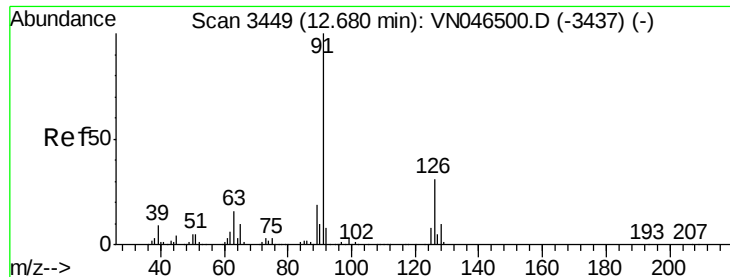
120 20.5 0.0 40.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.52 ug/l

RT: 12.68 min Scan# 3449

Delta R.T. -0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampled :

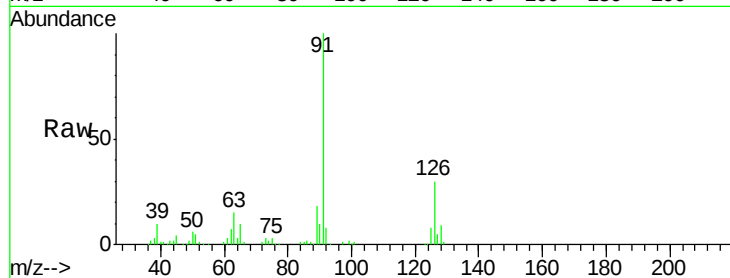
VN0124WBSD01

Tgt Ion: 91 Resp: 169686

Ion Ratio Lower Upper

91 100

126 29.7 0.0 60.2



Abundance Ion 91.00 (90.70 to 91.70): VN046550.D (-3437) (-)

Ion 126.00 (125.70 to 126.70): VN046550.D (-3437) (-)

150000

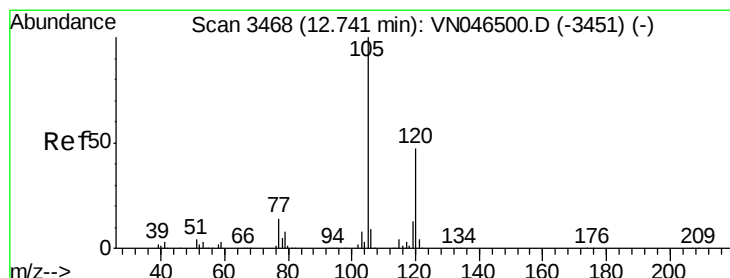
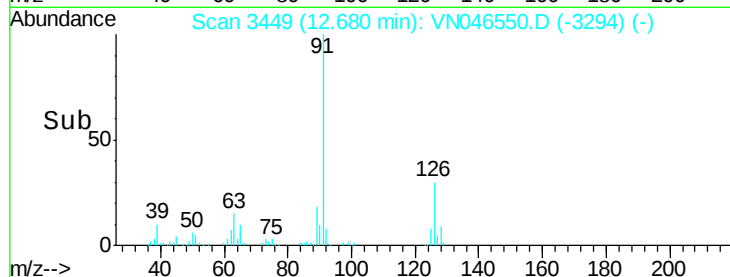
100000

50000

0

12.65 12.68 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.53 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. -0.00 min

Lab File: VN046550.D

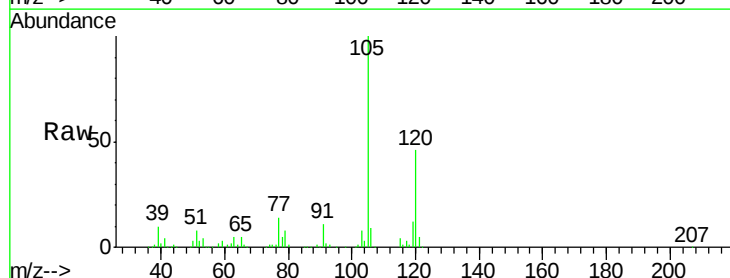
Acq: 24 Jan 2018 17:40

Tgt Ion: 105 Resp: 196427

Ion Ratio Lower Upper

105 100

120 46.2 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): VN046550.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN046550.D (-3451) (-)

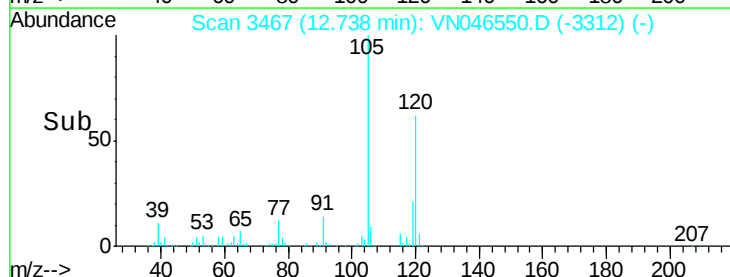
100000

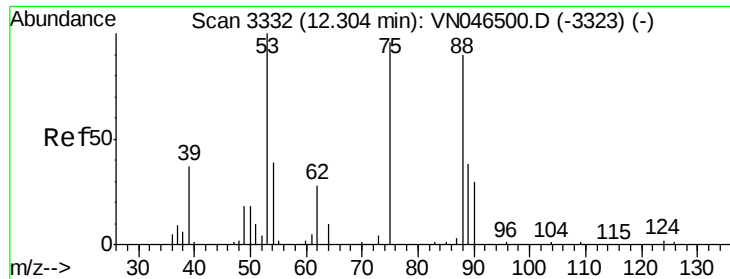
50000

0

12.70 12.74 12.80

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.50 ug/l

RT: 12.31 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

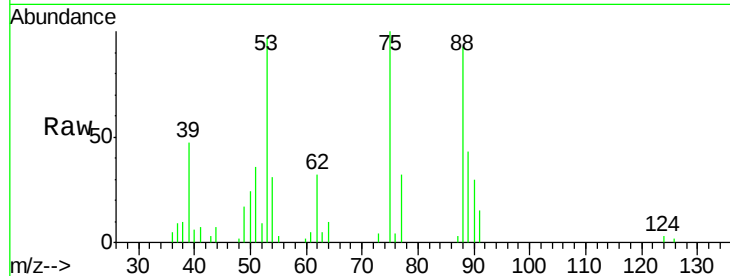
Tgt Ion: 75 Resp: 17703

Ion Ratio Lower Upper

75 100

53 96.8 46.8 140.3

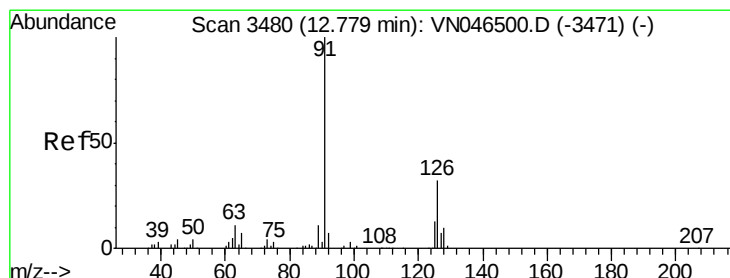
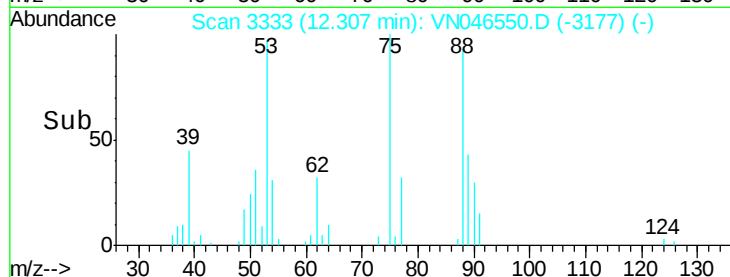
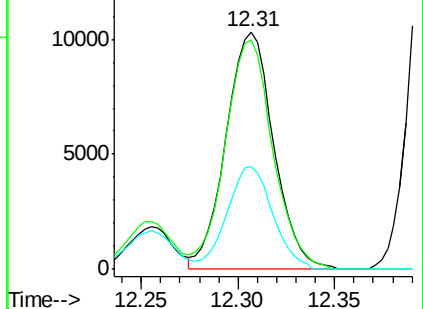
89 43.2 20.2 60.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.24 ug/l

RT: 12.78 min Scan# 3480

Delta R.T. 0.00 min

Lab File: VN046550.D

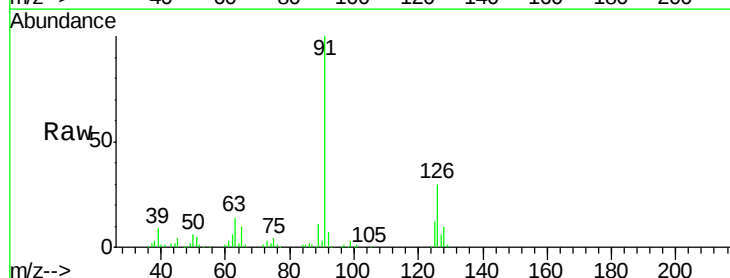
Acq: 24 Jan 2018 17:40

Tgt Ion: 91 Resp: 170834

Ion Ratio Lower Upper

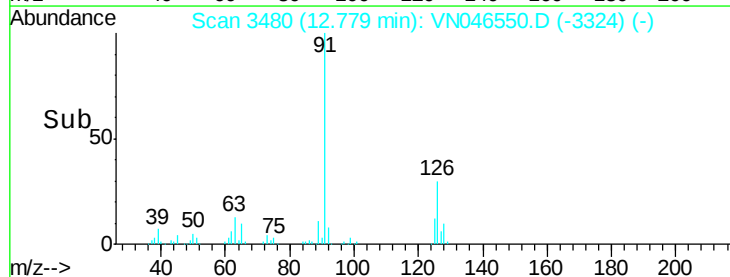
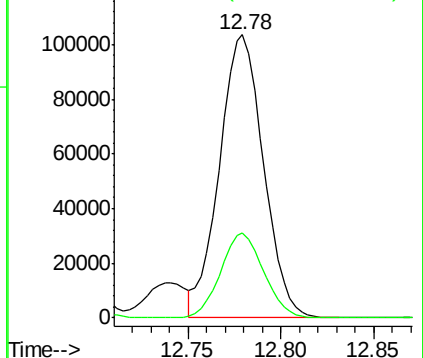
91 100

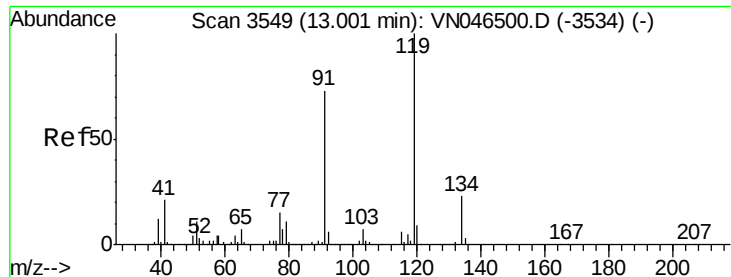
126 29.4 0.0 58.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

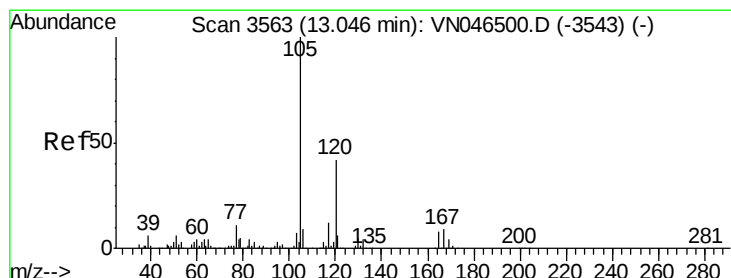
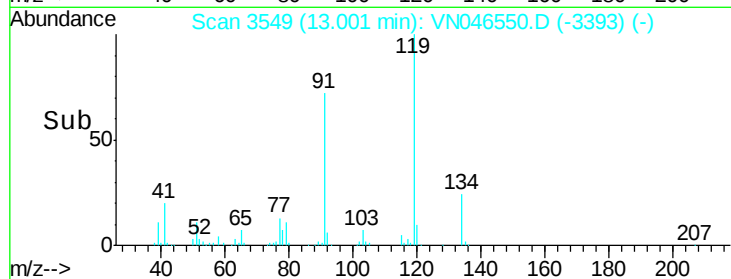
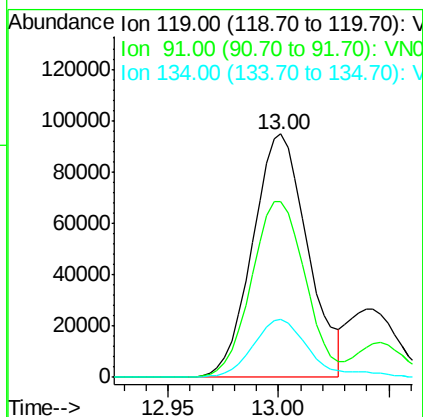
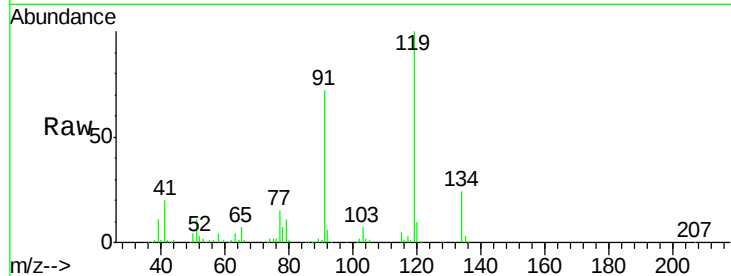




#79
tert-butylbenzene
Concen: 19.59 ug/l
RT: 13.00 min Scan# 3549
Delta R.T. 0.00 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

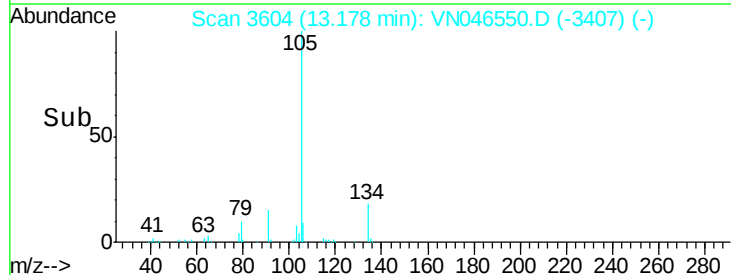
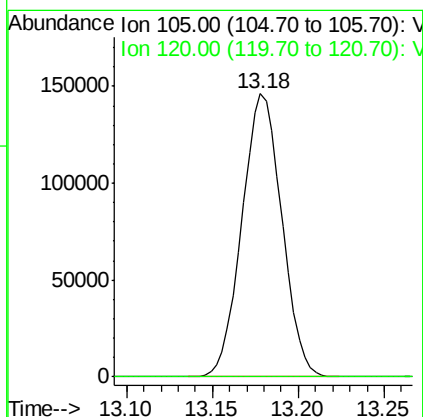
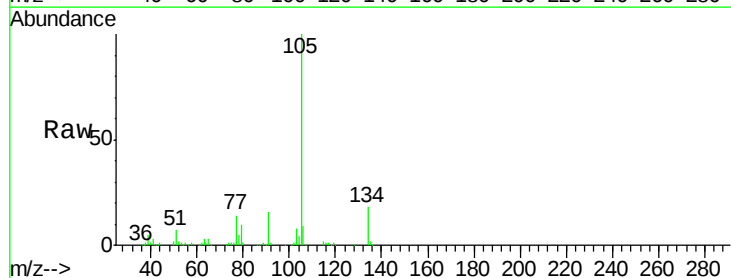
Instrument :
MSVOA_N
ClientSampleId :
VN0124WBSD01

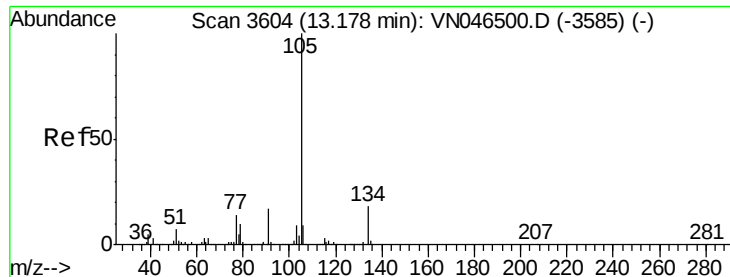
Tgt Ion:119 Resp: 164330
Ion Ratio Lower Upper
119 100
91 71.7 0.0 143.4
134 24.5 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 23.15 ug/l
RT: 13.18 min Scan# 3604
Delta R.T. 0.13 min
Lab File: VN046550.D
Acq: 24 Jan 2018 17:40

Tgt Ion:105 Resp: 235277
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2

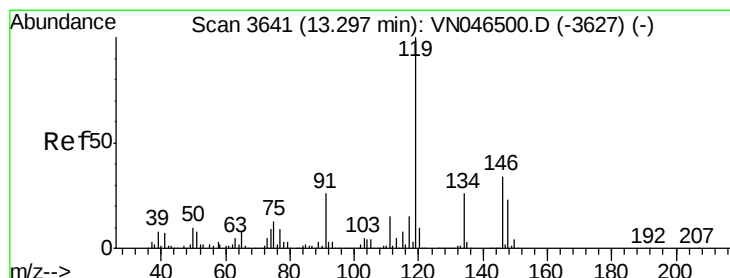
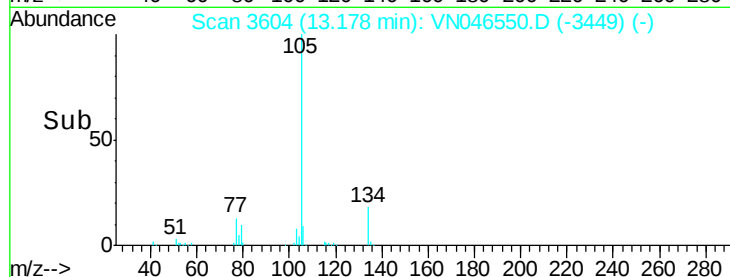
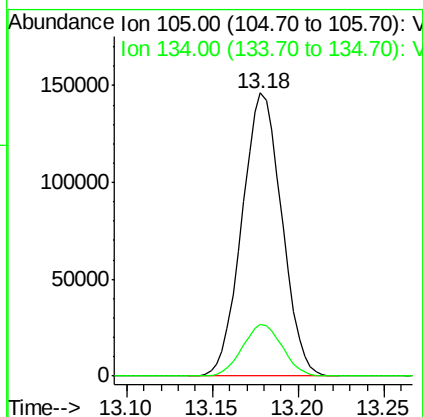
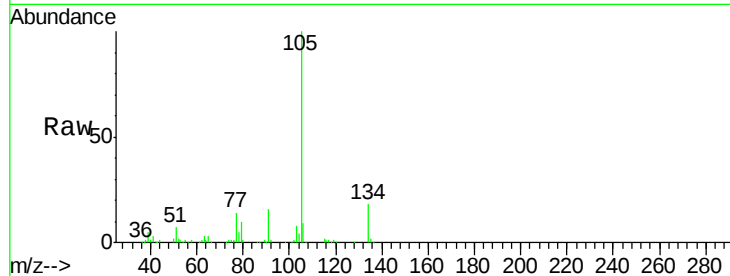




#81
 sec-Butylbenzene
 Concen: 19.37 ug/l
 RT: 13.18 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

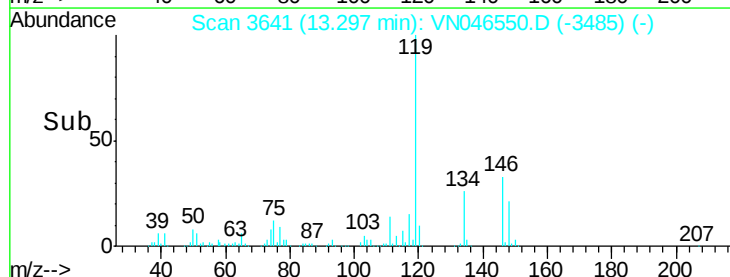
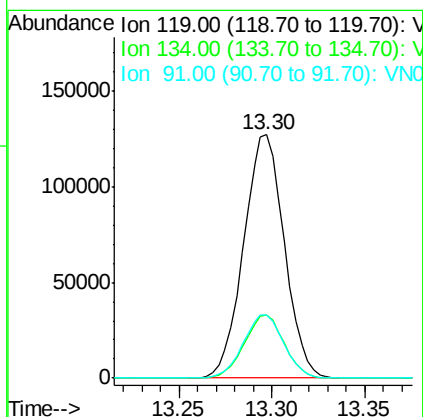
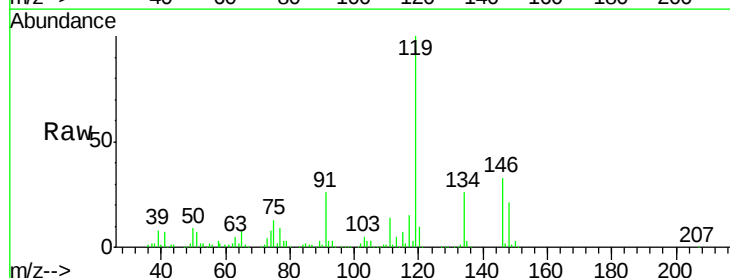
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

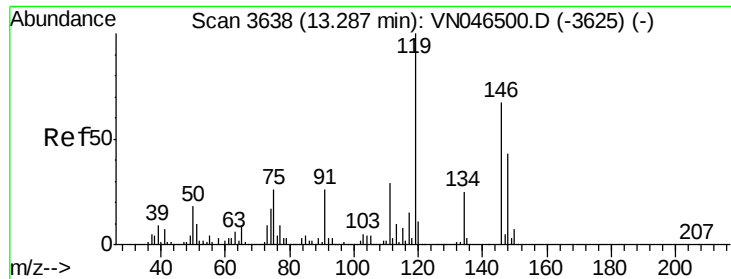
Tgt Ion:105 Resp: 235277
 Ion Ratio Lower Upper
 105 100
 134 18.4 0.0 36.6



#82
 p-Isopropyltoluene
 Concen: 19.15 ug/l
 RT: 13.30 min Scan# 3641
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion:119 Resp: 194637
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.4
 91 26.0 0.0 51.4

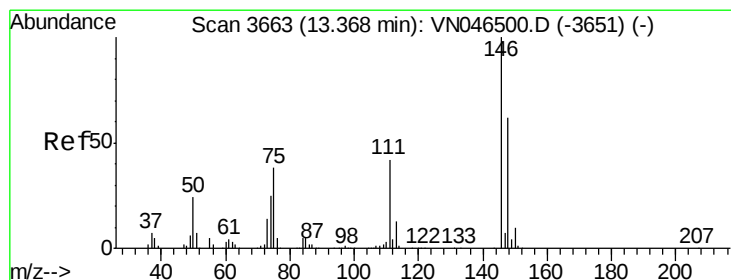
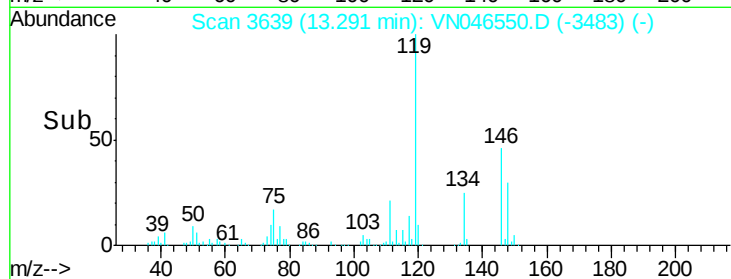
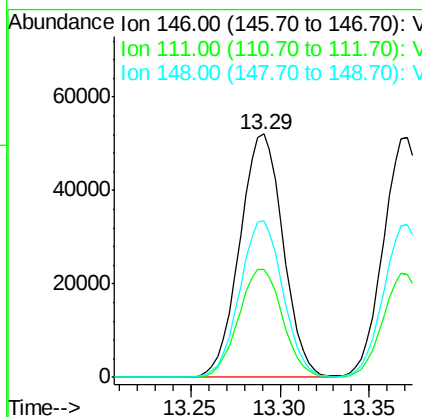
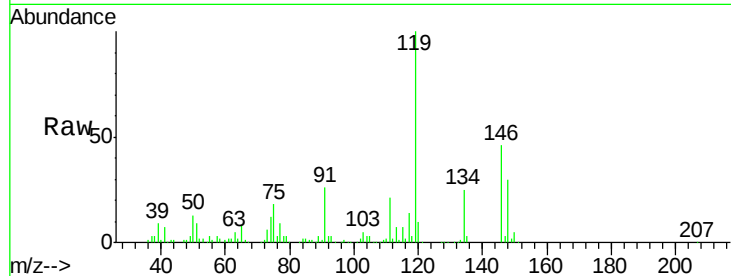




#83
 1,3-Dichlorobenzene
 Concen: 19.21 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

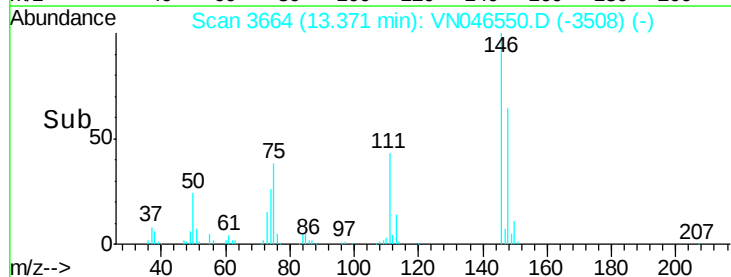
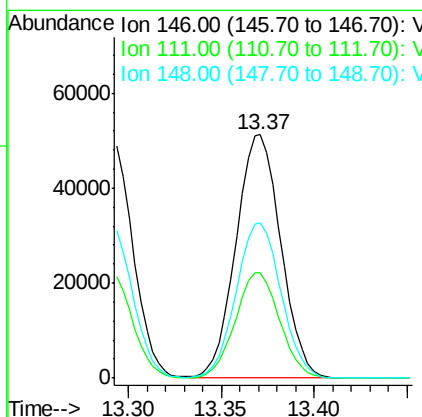
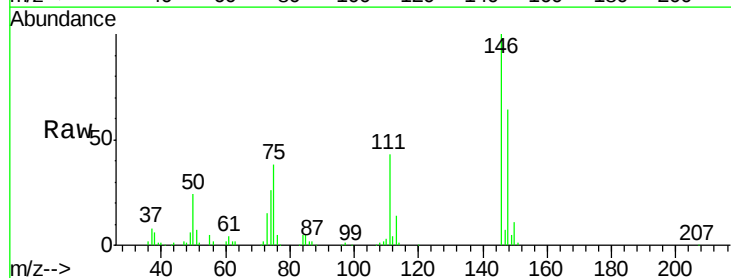
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

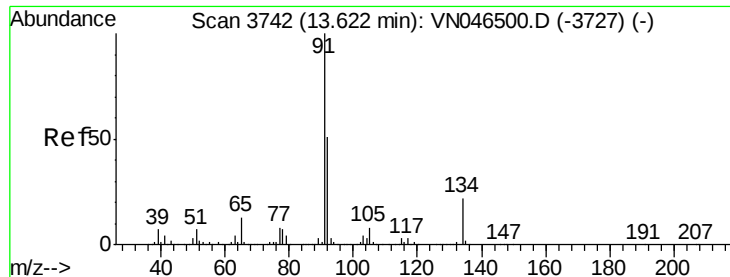
Tgt Ion:146 Resp: 88445
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.3 66.9
 148 64.0 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 19.10 ug/l
 RT: 13.37 min Scan# 3664
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion:146 Resp: 86458
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.6 64.8
 148 63.7 31.8 95.3





#85

n-Butylbenzene

Concen: 18.92 ug/l

RT: 13.62 min Scan# 3742

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

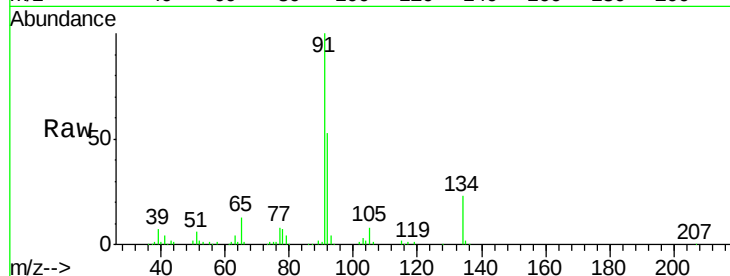
Tgt Ion: 91 Resp: 194070

Ion Ratio Lower Upper

91 100

92 52.5 0.0 105.6

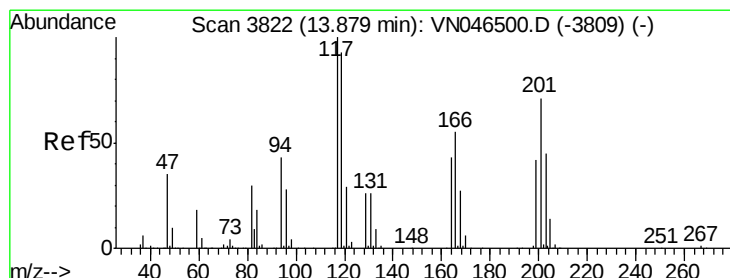
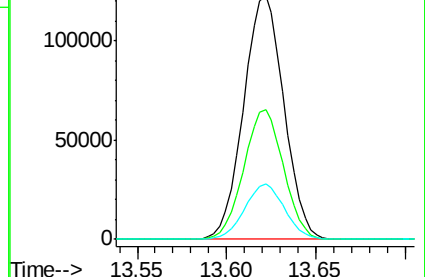
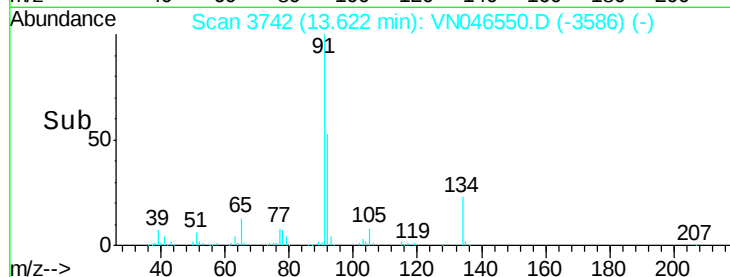
134 22.4 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN046550.D (-3727) (-)

Ion 92.00 (91.70 to 92.70): VN046550.D (-3727) (-)

Ion 134.00 (133.70 to 134.70): VN046550.D (-3727) (-)



#86

Hexachloroethane

Concen: 18.50 ug/l

RT: 13.88 min Scan# 3823

Delta R.T. 0.00 min

Lab File: VN046550.D

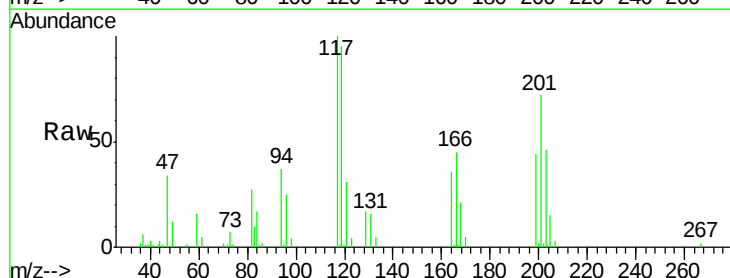
Acq: 24 Jan 2018 17:40

Tgt Ion: 117 Resp: 35006

Ion Ratio Lower Upper

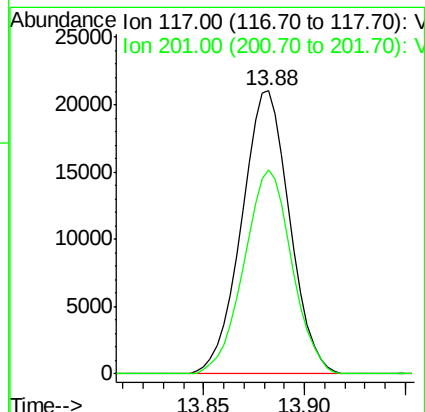
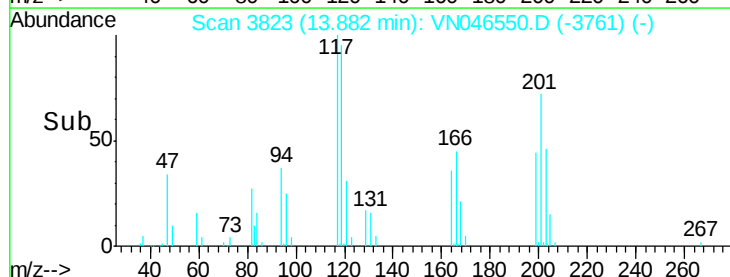
117 100

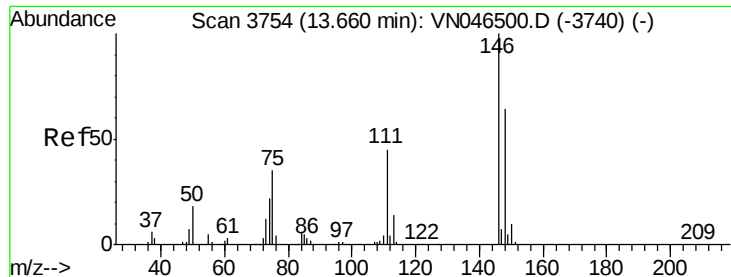
201 71.9 35.0 105.1



Abundance Ion 117.00 (116.70 to 117.70): VN046550.D (-3809) (-)

Ion 201.00 (200.70 to 201.70): VN046550.D (-3809) (-)





#87

1,2-Dichlorobenzene

Concen: 19.82 ug/l

RT: 13.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

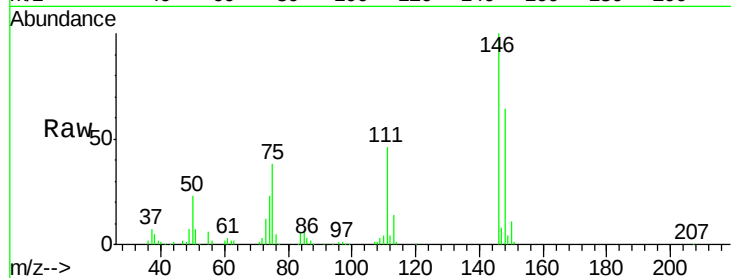
Tgt Ion:146 Resp: 87745

Ion Ratio Lower Upper

146 100

111 45.5 22.9 68.8

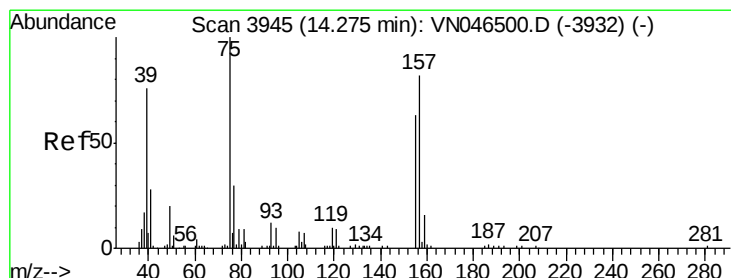
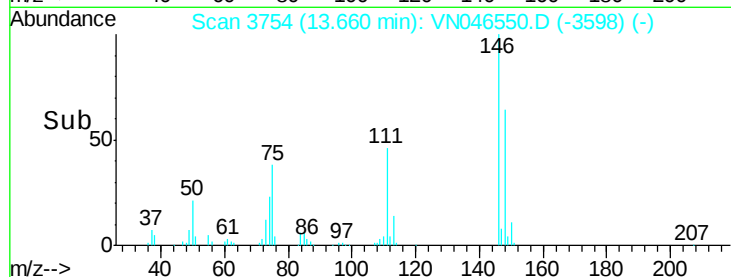
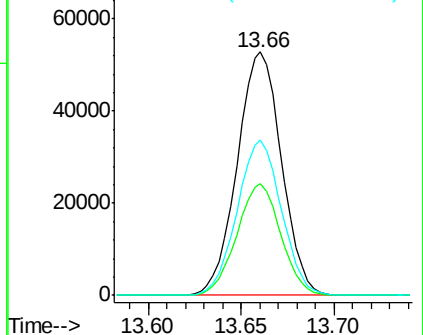
148 63.7 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.40 ug/l

RT: 14.28 min Scan# 3946

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

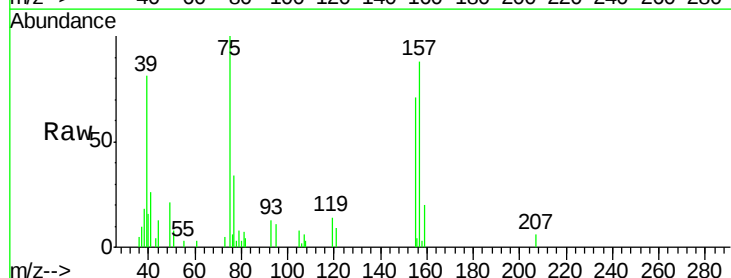
Tgt Ion: 75 Resp: 10728

Ion Ratio Lower Upper

75 100

155 67.6 52.6 79.0

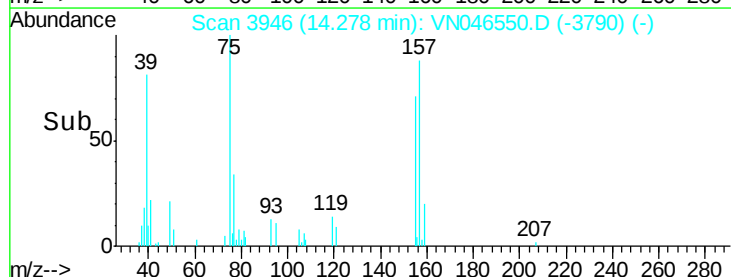
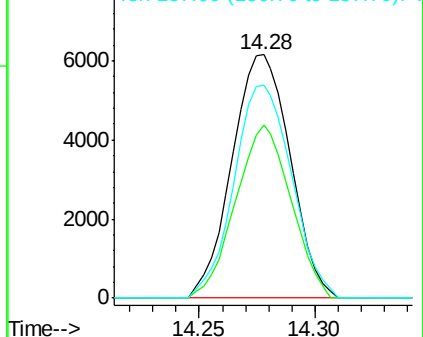
157 86.6 67.3 100.9

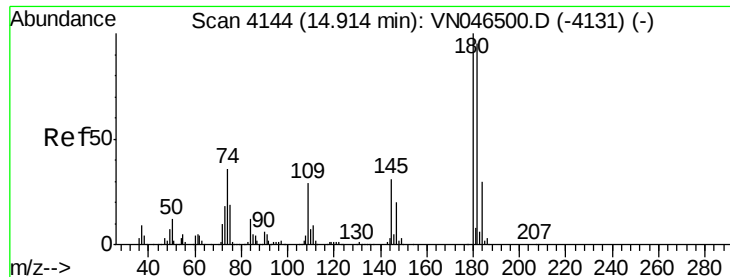


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

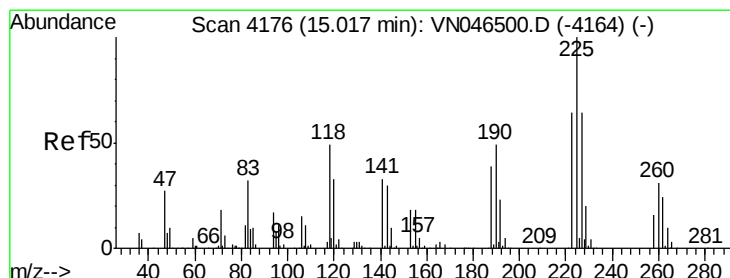
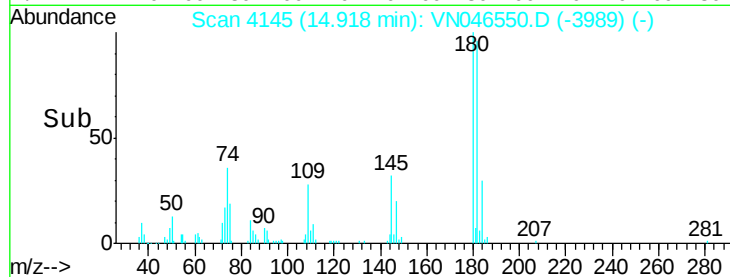
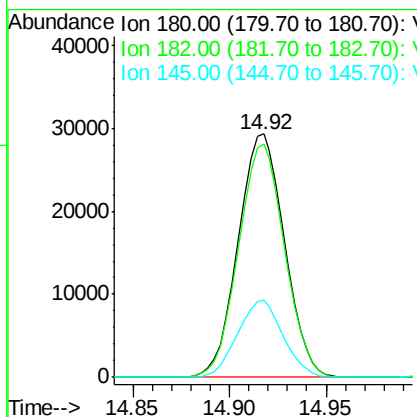
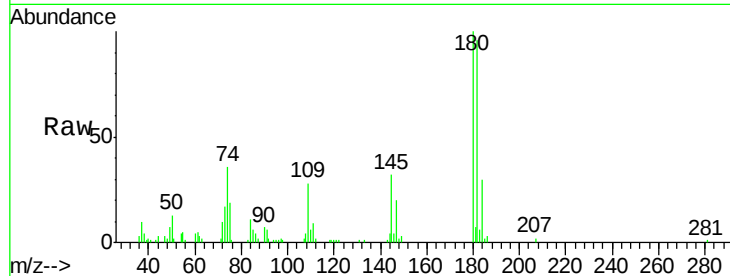




#89
 1,2,4-Trichlorobenzene
 Concen: 18.71 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

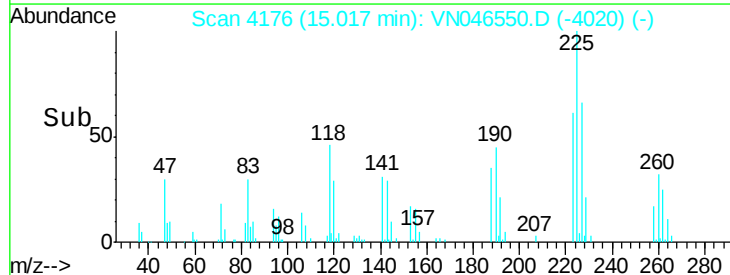
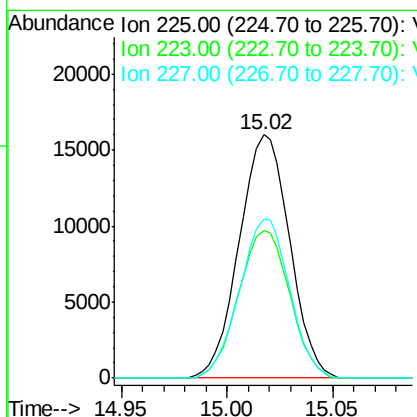
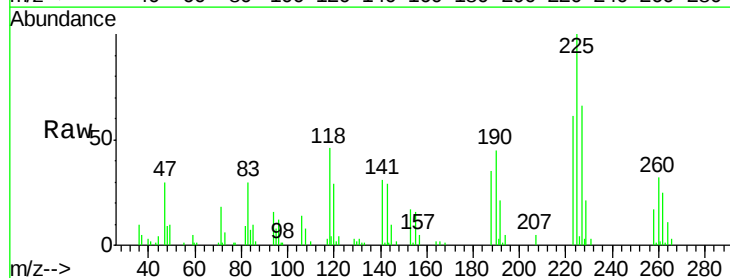
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBSD01

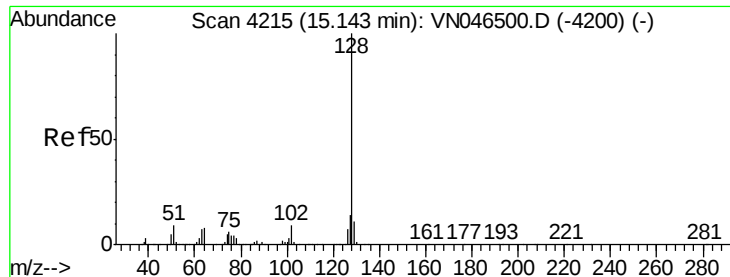
Tgt Ion:180 Resp: 48799
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.7 113.5
 145 31.0 25.2 37.8



#90
 Hexachlorobutadiene
 Concen: 19.07 ug/l
 RT: 15.02 min Scan# 4176
 Delta R.T. 0.00 min
 Lab File: VN046550.D
 Acq: 24 Jan 2018 17:40

Tgt Ion:225 Resp: 26594
 Ion Ratio Lower Upper
 225 100
 223 61.5 0.0 123.6
 227 64.8 0.0 128.2





#91

Naphthalene

Concen: 18.76 ug/l

RT: 15.14 min Scan# 4215

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBSD01

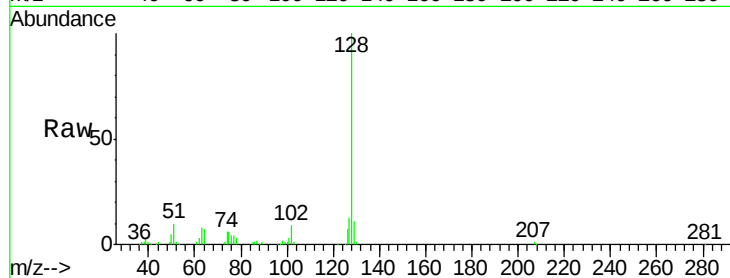
Tgt Ion:128 Resp: 117143

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

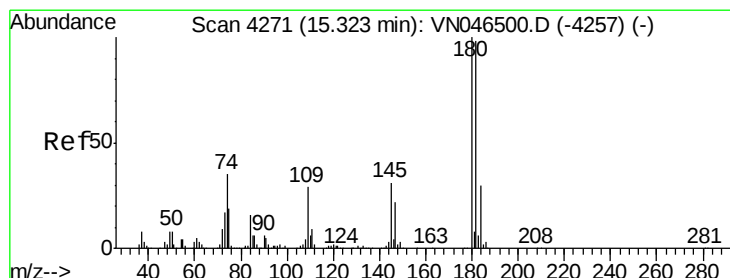
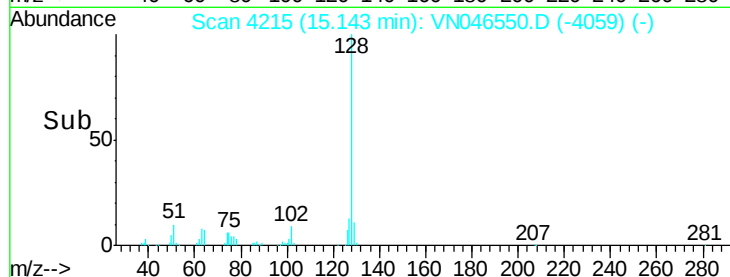
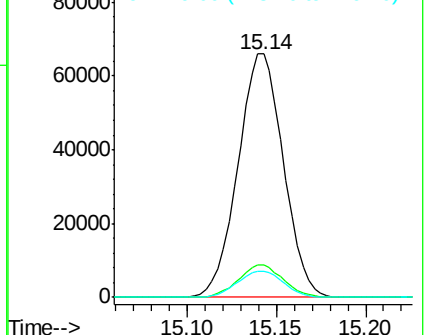
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.84 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.00 min

Lab File: VN046550.D

Acq: 24 Jan 2018 17:40

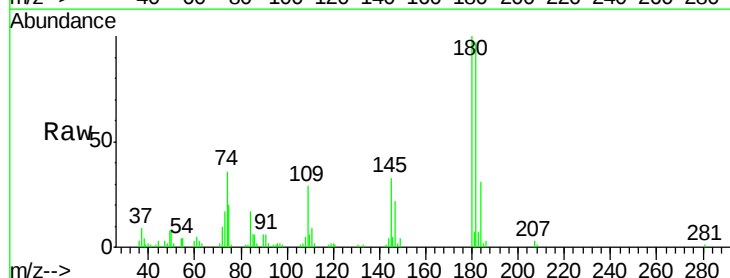
Tgt Ion:180 Resp: 47190

Ion Ratio Lower Upper

180 100

182 96.9 0.0 190.8

145 33.1 0.0 68.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

