

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN012418\
 Data File : VN046540.D
 Acq On : 24 Jan 2018 12:00
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 24 12:18:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N012418W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 24 11:16:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	38263	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	227837	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	202856	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	100298	28.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.70%
60) 4-Bromofluorobenzene	12.41	95	110865	32.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	107.20%
63) Toluene-d8	10.09	98	290903	28.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.83%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	357302	128.03	ug/l	100
3) Chloromethane	2.06	50	584747	105.29	ug/l	99
4) Vinyl Chloride	2.18	62	550684	140.23	ug/l	100
5) Bromomethane	2.55	94	275666	280.65	ug/l	98
6) Chloroethane	2.70	64	310731	246.80	ug/l	99
7) Trichlorofluoromethane	3.01	101	533180	139.25	ug/l	99
8) Diethyl Ether	3.41	74	259768	154.76	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	358581	134.58	ug/l	99
10) 1,1-Dichloroethene	3.73	96	357576	148.23	ug/l	99
11) Methyl Iodide	3.95	142	395285	179.16	ug/l	99
12) Methyl Acetate	4.33	43	430854	164.40	ug/l	98
13) Acrolein	3.61	56	262737	749.67	ug/l	97
14) Acrylonitrile	4.99	53	873802	781.81	ug/l	99
15) Acetone	3.82	58	258141	790.19	ug/l	91
16) Carbon Disulfide	4.05	76	1218165	147.76	ug/l	100
17) Allyl chloride	4.32	41	866581	167.89	ug/l	99
18) Methylene Chloride	4.55	84	422332	127.71	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	382583	149.40	ug/l	97
20) Diisopropyl ether	5.96	45	1592506	159.53	ug/l	98
21) 1,1-Dichloroethane	5.85	63	848335	143.57	ug/l	98
22) cis-1,2-Dichloroethene	6.83	96	441532	153.06	ug/l	100
23) tert-Butyl Alcohol	4.81	59	203140	951.94	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	1204580	174.20	ug/l	100
25) Chloroform	7.37	83	740925	138.67	ug/l	100
26) Cyclohexane	7.65	56	811904	166.70	ug/l	# 98
29) 1,1-Dichloropropene	7.79	75	623054	149.12	ug/l	99
30) 2-Butanone	6.84	43	1148641	799.50	ug/l	99
31) 2,2-Dichloropropane	6.82	77	690048	146.71	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	609377	134.80	ug/l	99
33) Carbon Tetrachloride	7.77	117	501092	131.61	ug/l	99
34) Benzene	8.04	78	1780909	135.56	ug/l	# 87
35) Methacrylonitrile	7.18	41	281600	160.23	ug/l	98
36) 1,2-Dichloroethane	8.12	62	627131	134.90	ug/l	99
37) Trichloroethene	8.84	130	403636	142.98	ug/l	98
38) Methylcyclohexane	9.08	83	745219	168.74	ug/l	100
39) 1,2-Dichloropropane	9.12	63	518027	138.12	ug/l	100
40) Dibromomethane	9.21	93	262127	134.65	ug/l	99

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 24 12:18:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N012418W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 24 11:16:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	596088	142.15	ug/l	97
42) Vinyl Acetate	5.90	43	6028689	801.90	ug/l	99
43) Ethyl Acetate	6.93	43	466625	149.90	ug/l	96
44) Isopropyl Acetate	8.17	43	890542	166.61	ug/l	99
45) 1,4-Dioxane	9.20	88	90444	3039.35	ug/l	95
46) Methyl methacrylate	9.20	41	449320	183.67	ug/l	97
47) n-amyl Acetate	12.08	43	840692	167.61	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	709461	164.01	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	784438	155.28	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	370830	136.22	ug/l	99
51) Ethyl methacrylate	10.43	69	614533	178.51	ug/l	98
52) 1,3-Dichloropropane	10.71	76	708008	140.80	ug/l	100
53) Dibromochloromethane	10.90	129	395377	150.89	ug/l	99
54) 1,2-Dibromoethane	11.01	107	341953	139.39	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	1283129	709.44	ug/l	100
56) Bromoform	12.13	173	247633	163.25	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	2296545	813.13	ug/l	99
59) 2-Hexanone	10.76	43	1641358	820.07	ug/l	99
61) Tetrachloroethene	10.63	164	328445	144.72	ug/l	99
62) Toluene	10.16	91	1799918	141.36	ug/l	100
64) Chlorobenzene	11.44	112	1062611	146.39	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	361939	147.69	ug/l	100
66) Ethyl Benzene	11.52	91	1985630	157.60	ug/l	100
67) m/p-Xylenes	11.63	106	1449635	312.85	ug/l	99
68) o-Xylene	11.95	106	705144	159.19	ug/l	98
69) Styrene	11.97	104	1191024	167.87	ug/l	99
70) Isopropylbenzene	12.26	105	1843046	157.77	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	484083	142.60	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	638772	229.76	ug/l	52
73) Bromobenzene	12.53	156	400570	146.86	ug/l	98
74) n-propylbenzene	12.60	91	2342681	156.26	ug/l	99
75) 2-Chlorotoluene	12.68	91	1362957	152.85	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	1581514	160.28	ug/l	100
77) t-1,4-Dichloro-2-butene	12.31	75	156116	163.84	ug/l	98
78) 4-Chlorotoluene	12.78	91	1423949	156.88	ug/l	99
79) tert-butylbenzene	13.00	119	1302442	159.56	ug/l	100
80) 1,2,4-Trimethylbenzene	13.18	105	1905545	189.13	ug/l	100
81) sec-Butylbenzene	13.18	105	1905545	157.78	ug/l	100
82) p-Isopropyltoluene	13.30	119	1616148	164.07	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	749595	147.51	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	743081	148.78	ug/l	100
85) n-Butylbenzene	13.62	91	1658155	176.40	ug/l	100
86) Hexachloroethane	13.88	117	298748	158.47	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	706279	141.18	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.28	75	87111	159.61	ug/l	98
89) 1,2,4-Trichlorobenzene	14.92	180	474130	169.01	ug/l	99
90) Hexachlorobutadiene	15.02	225	221907	145.53	ug/l	99
91) Naphthalene	15.14	128	1172671	179.57	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	444632	162.75	ug/l	99

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Jan 24 12:18:47 2018
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N012418W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 24 11:16:21 2018
Response via : Initial Calibration

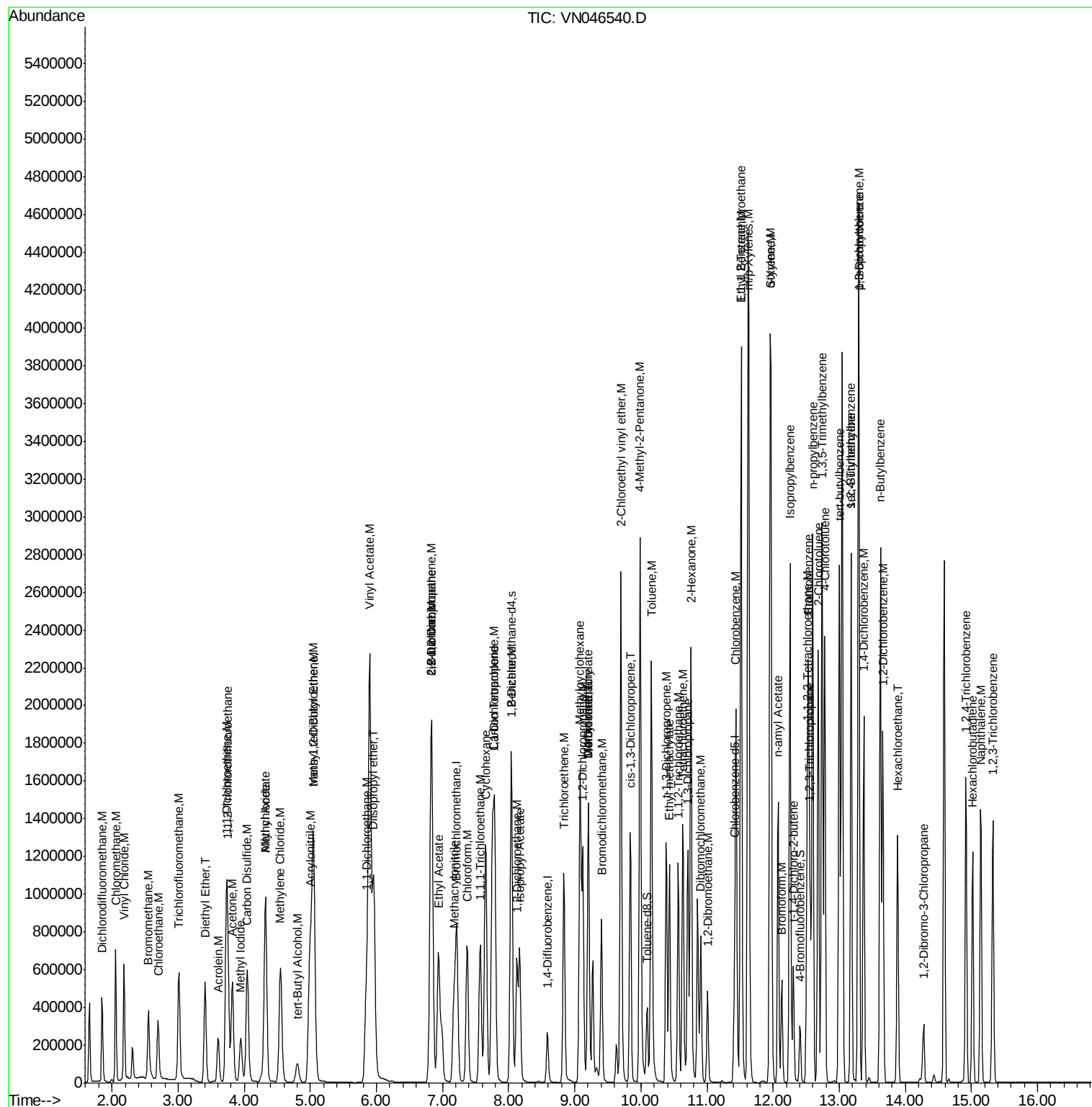
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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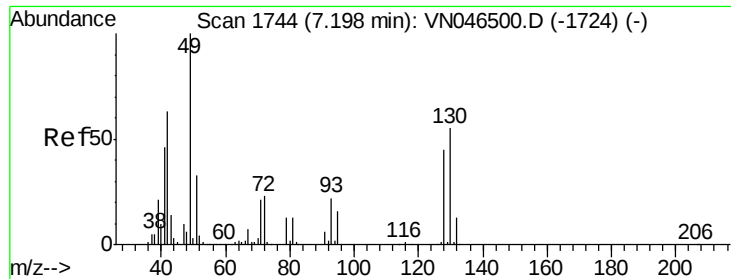
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN012418\
 Data File : VN046540.D
 Acq On : 24 Jan 2018 12:00
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 24 12:18:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N012418W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 24 11:16:21 2018
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

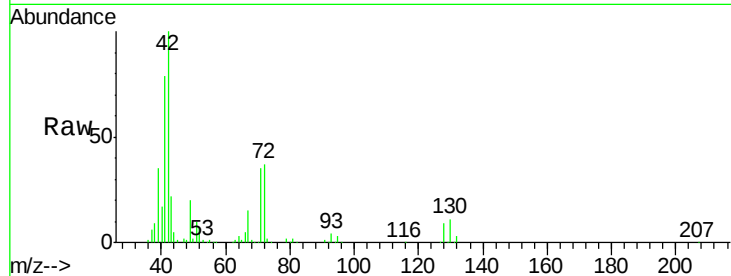
Tgt Ion:128 Resp: 38263

Ion Ratio Lower Upper

128 100

49 234.7 0.0 566.8

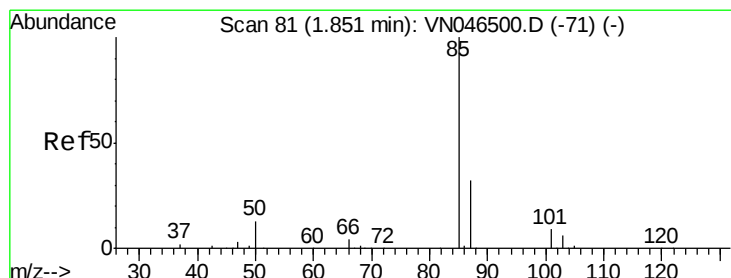
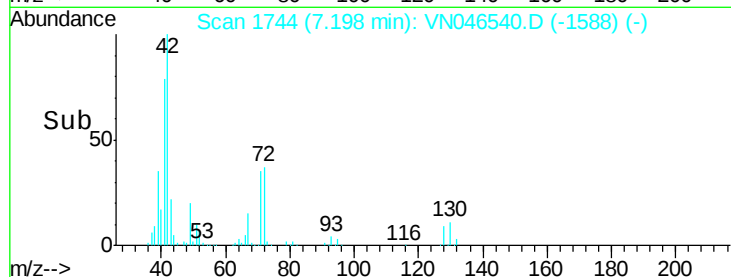
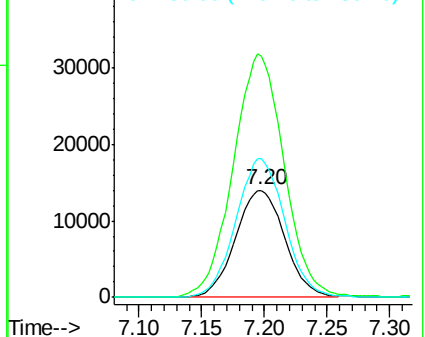
130 128.5 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 128.03 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN046540.D

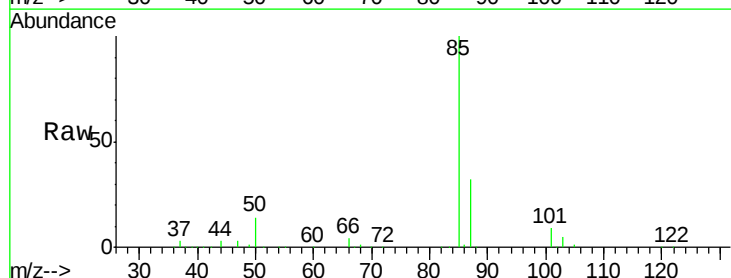
Acq: 24 Jan 2018 12:00

Tgt Ion: 85 Resp: 357302

Ion Ratio Lower Upper

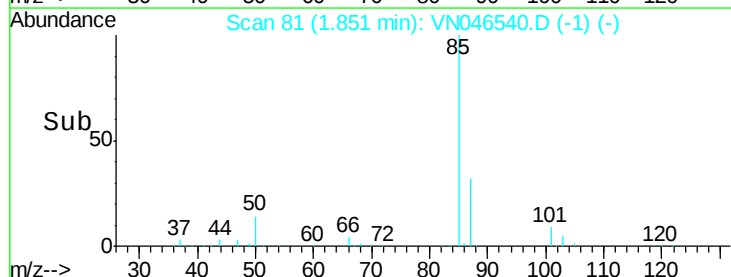
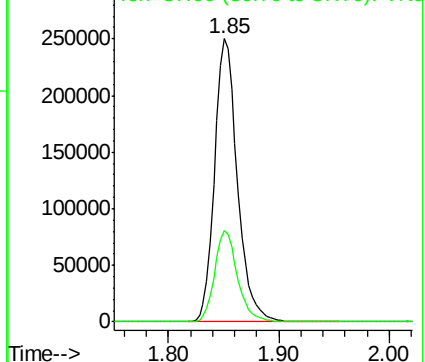
85 100

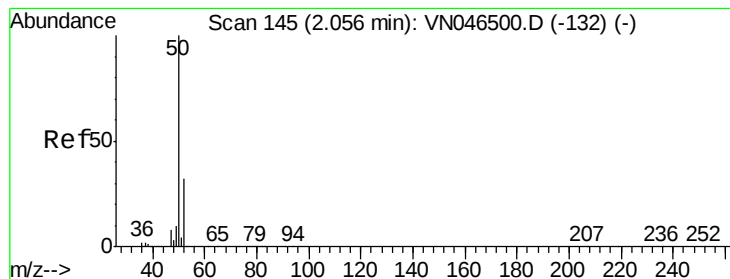
87 32.3 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 105.29 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

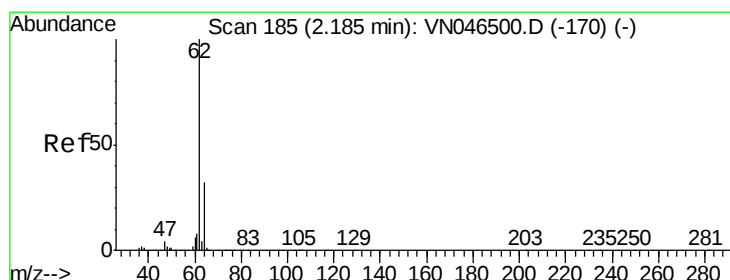
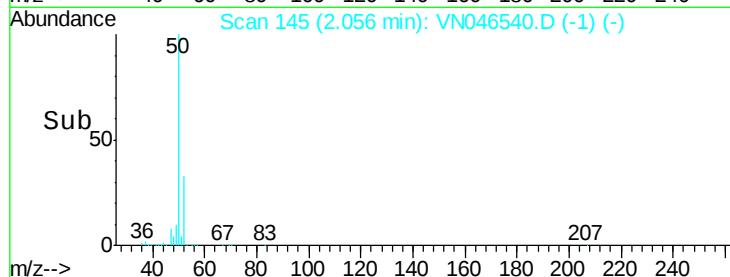
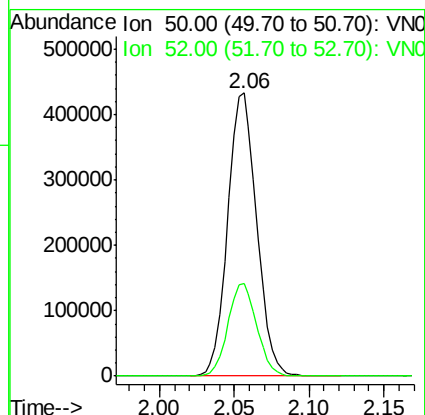
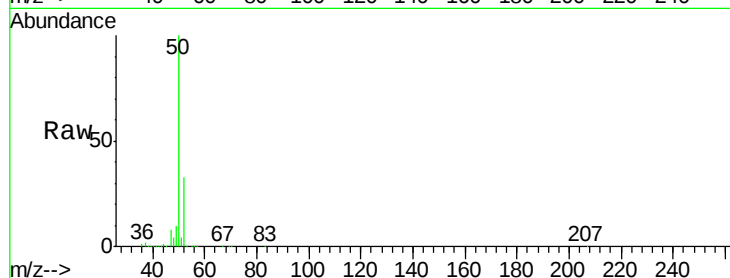
VSTDIC150

Tgt Ion: 50 Resp: 584747

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 140.23 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN046540.D

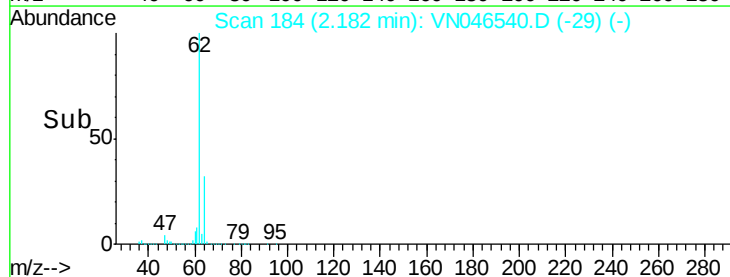
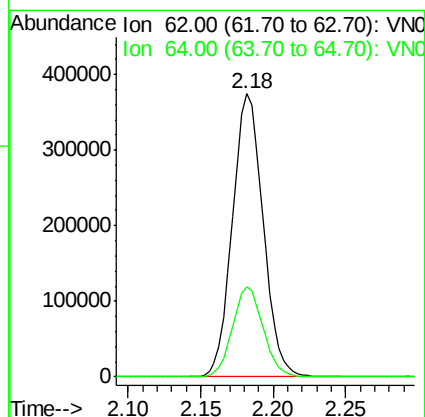
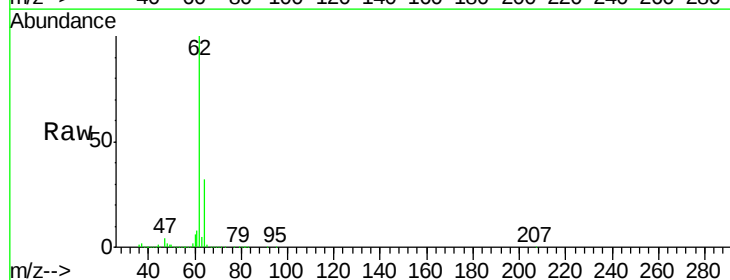
Acq: 24 Jan 2018 12:00

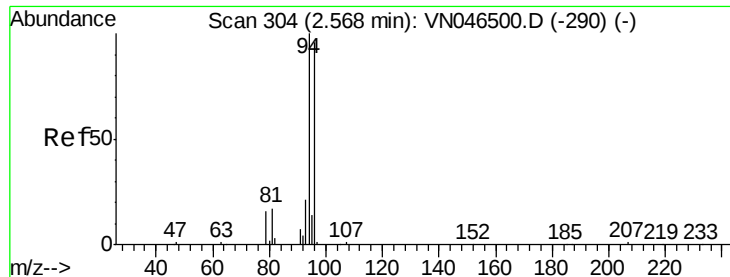
Tgt Ion: 62 Resp: 550684

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 280.65 ug/l

RT: 2.55 min Scan# 299

Delta R.T. -0.02 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

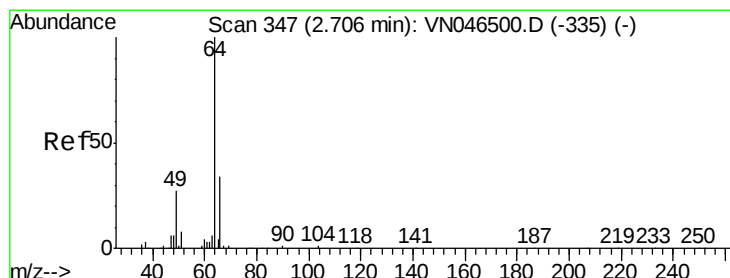
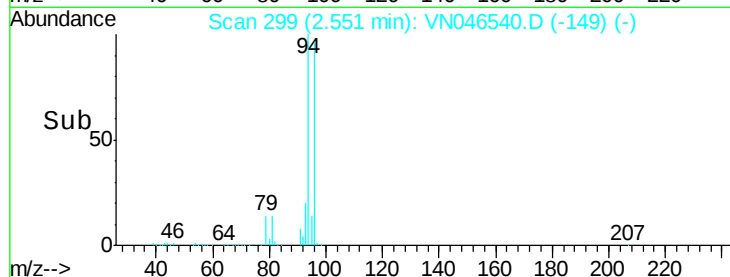
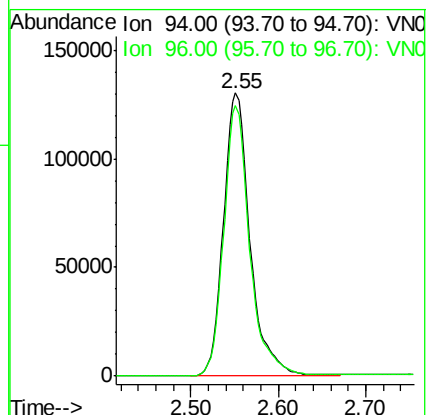
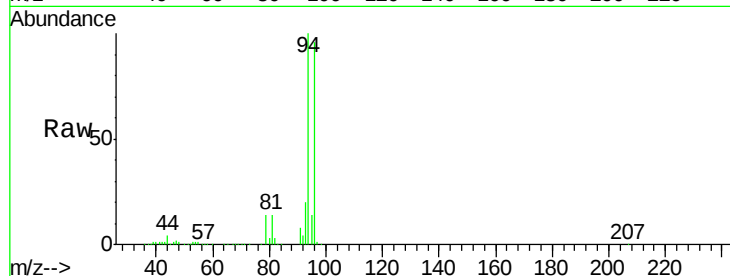
VSTDIC150

Tgt Ion: 94 Resp: 275666

Ion Ratio Lower Upper

94 100

96 95.4 74.6 111.8



#6

Chloroethane

Concen: 246.80 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.01 min

Lab File: VN046540.D

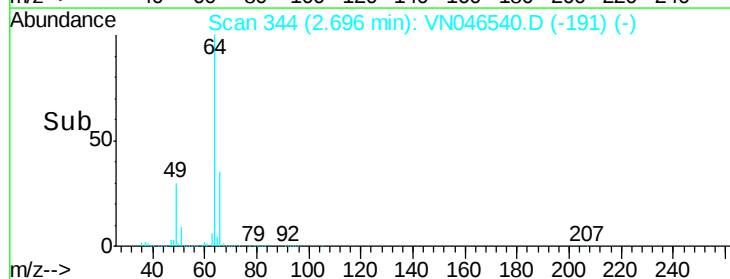
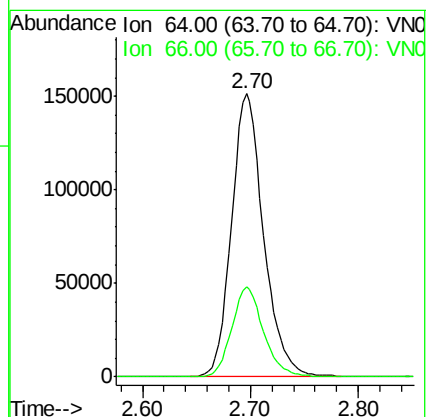
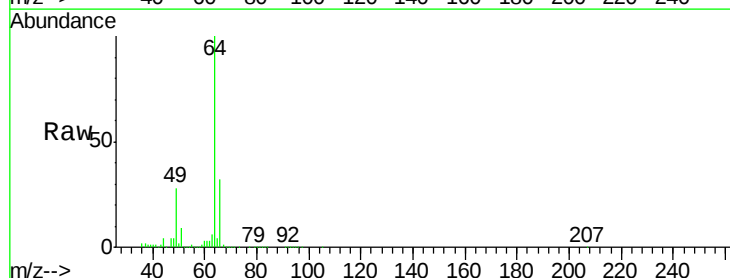
Acq: 24 Jan 2018 12:00

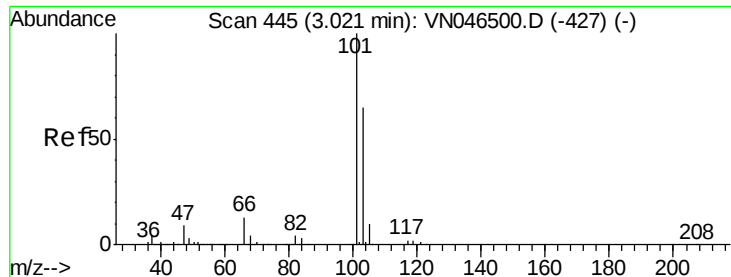
Tgt Ion: 64 Resp: 310731

Ion Ratio Lower Upper

64 100

66 32.0 26.0 39.0



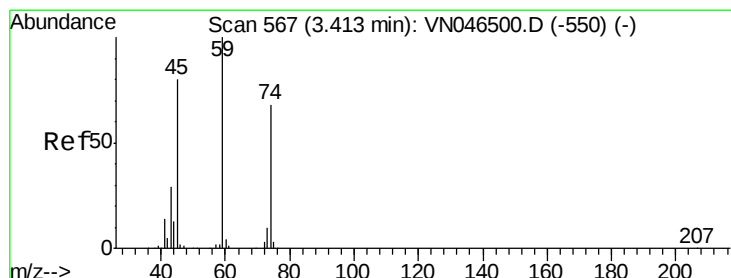
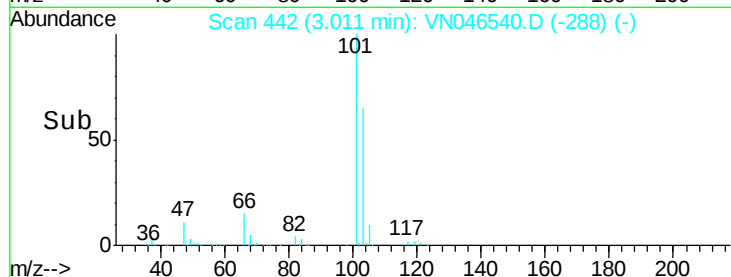
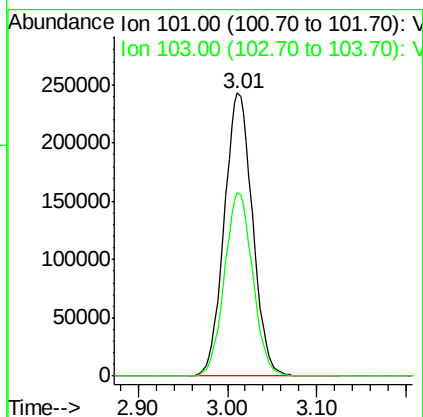
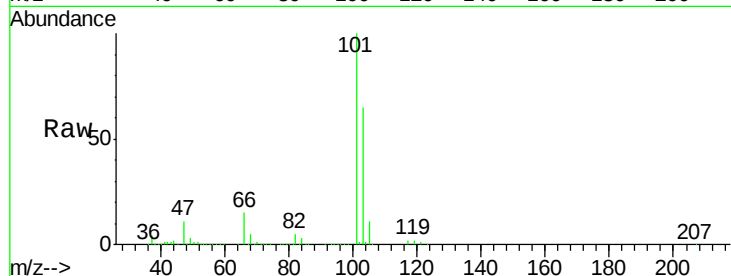


#7

Trichlorofluoromethane
Concen: 139.25 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.01 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

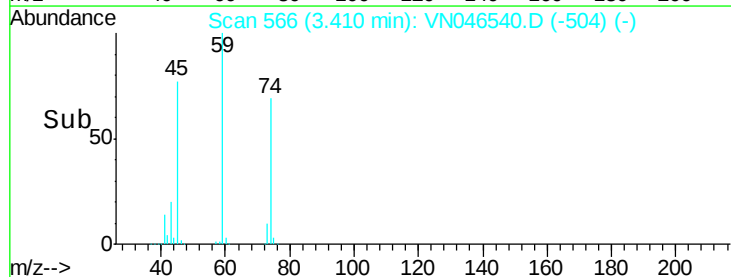
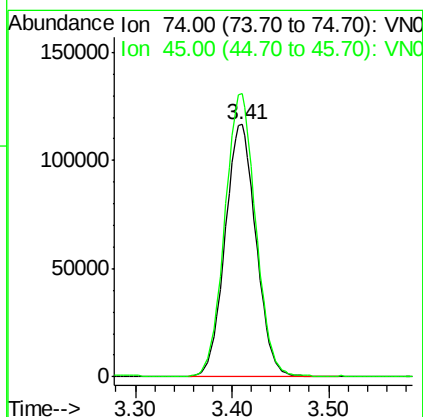
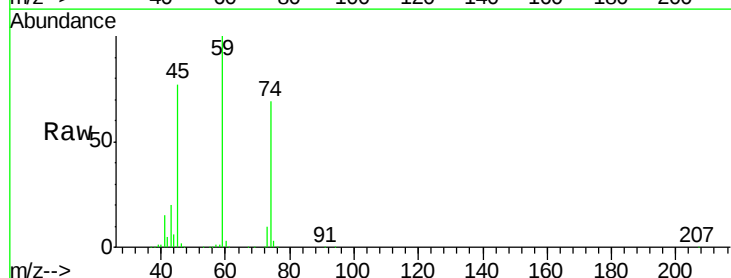
Tgt Ion:101 Resp: 533180
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

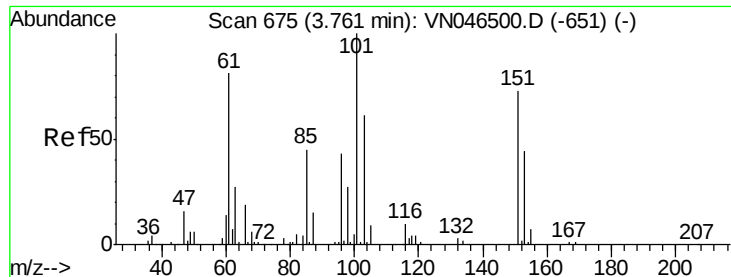


#8

Diethyl Ether
Concen: 154.76 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 74 Resp: 259768
Ion Ratio Lower Upper
74 100
45 111.3 22.0 197.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.58 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

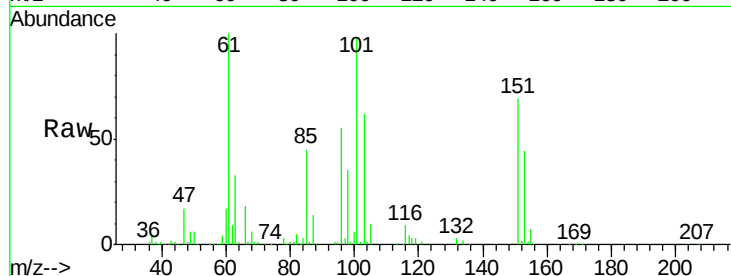
Tgt Ion:101 Resp: 358581

Ion Ratio Lower Upper

101 100

85 45.6 0.0 90.8

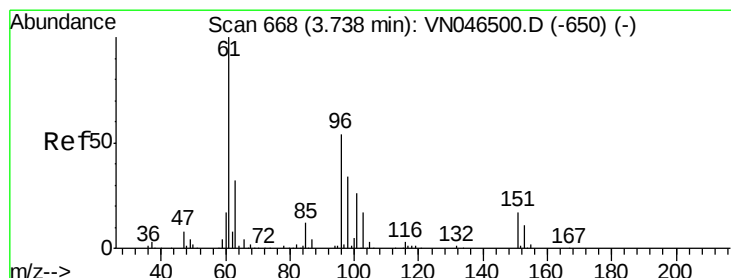
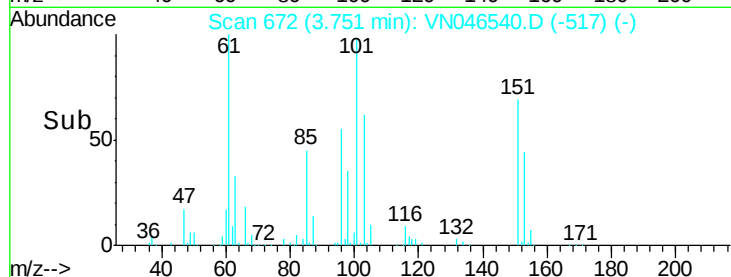
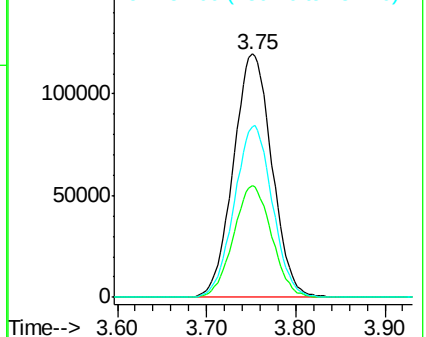
151 69.7 0.0 137.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 148.23 ug/l

RT: 3.73 min Scan# 665

Delta R.T. -0.01 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

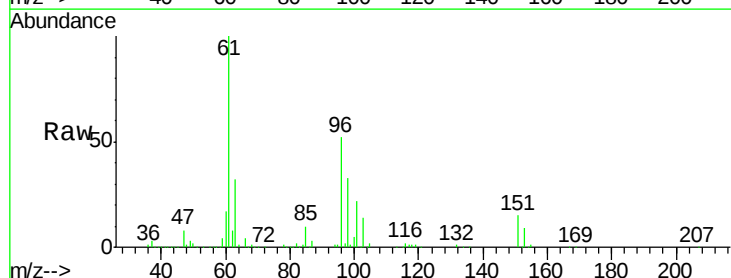
Tgt Ion: 96 Resp: 357576

Ion Ratio Lower Upper

96 100

61 191.4 152.4 228.6

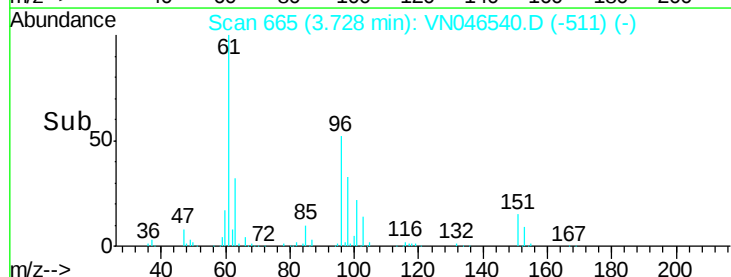
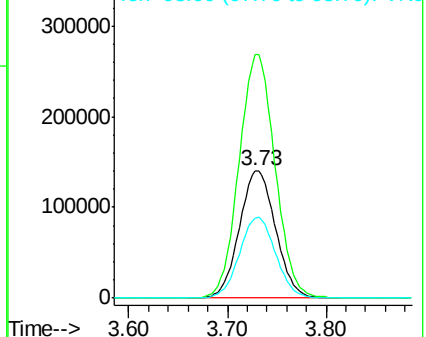
98 63.2 51.3 76.9

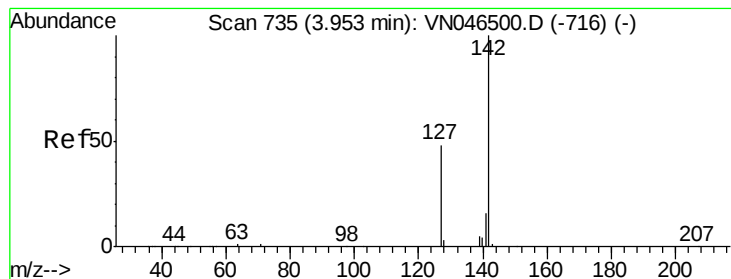


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN





#11

Methyl Iodide

Concen: 179.16 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

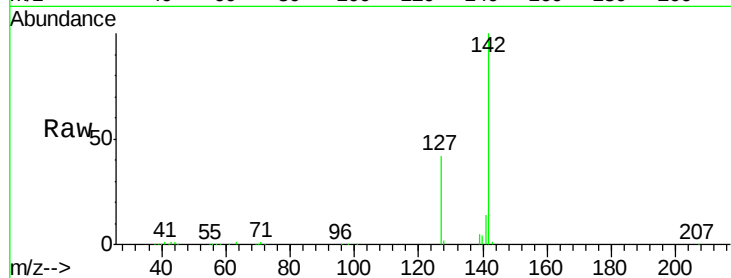
Tgt Ion:142 Resp: 395285

Ion Ratio Lower Upper

142 100

127 41.7 21.1 63.3

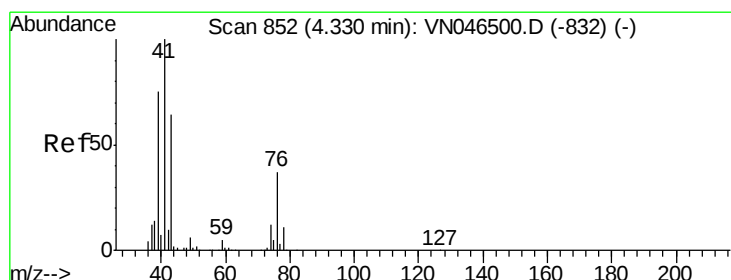
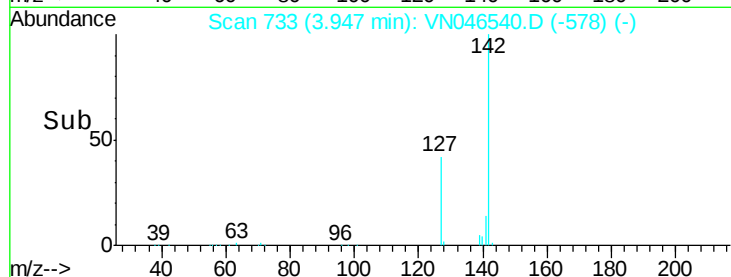
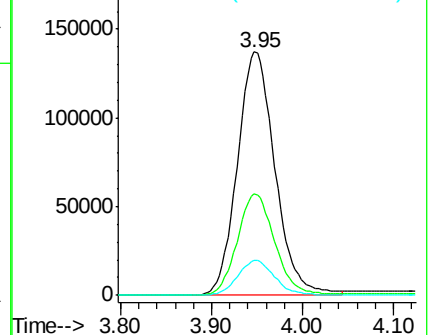
141 14.1 7.3 21.9



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: 164.40 ug/l

RT: 4.33 min Scan# 851

Delta R.T. -0.00 min

Lab File: VN046540.D

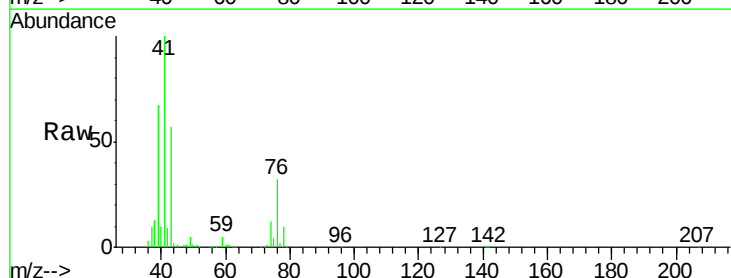
Acq: 24 Jan 2018 12:00

Tgt Ion: 43 Resp: 430854

Ion Ratio Lower Upper

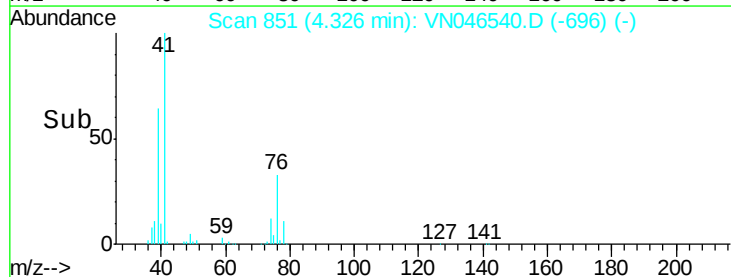
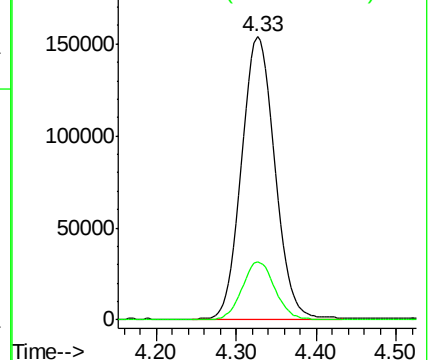
43 100

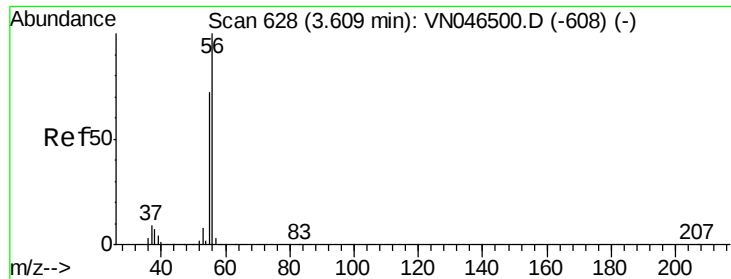
74 20.4 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 749.67 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

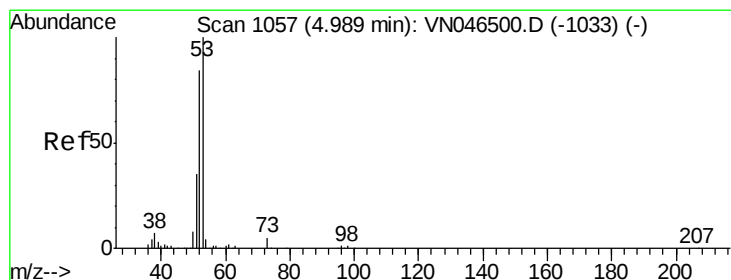
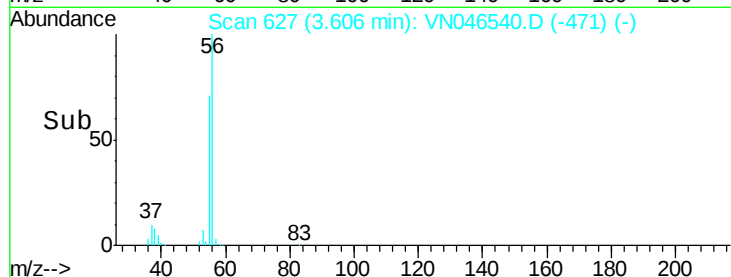
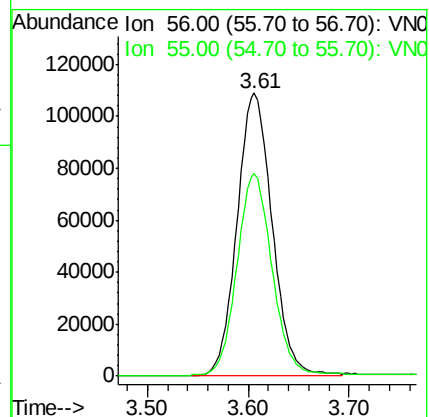
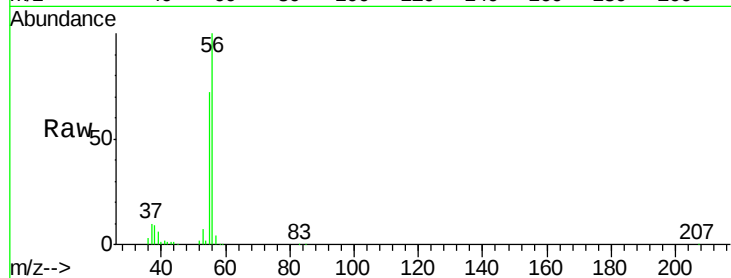
VSTDIC150

Tgt Ion: 56 Resp: 262737

Ion Ratio Lower Upper

56 100

55 71.2 58.9 88.3



#14

Acrylonitrile

Concen: 781.81 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

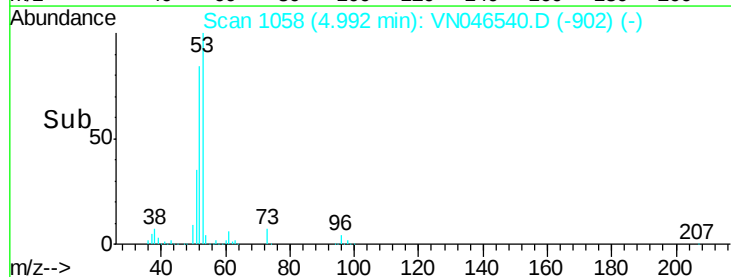
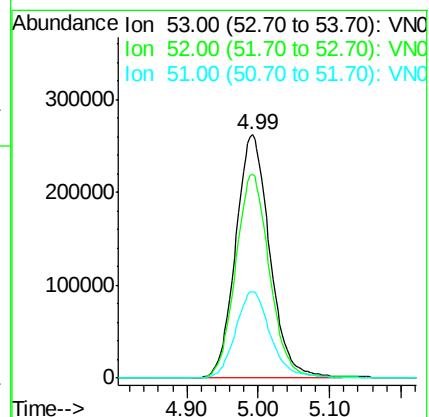
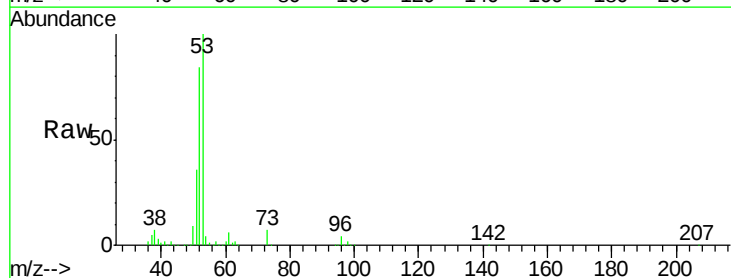
Tgt Ion: 53 Resp: 873802

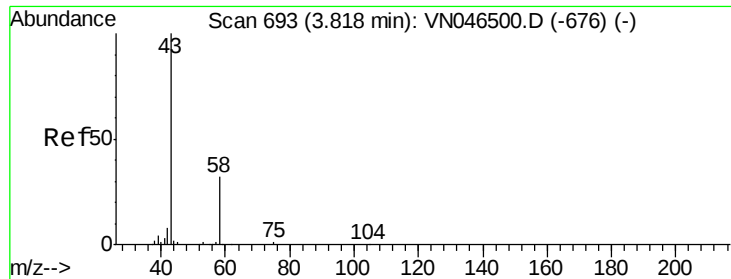
Ion Ratio Lower Upper

53 100

52 83.2 40.9 122.7

51 36.4 18.1 54.1





#15

Acetone

Concen: 790.19 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

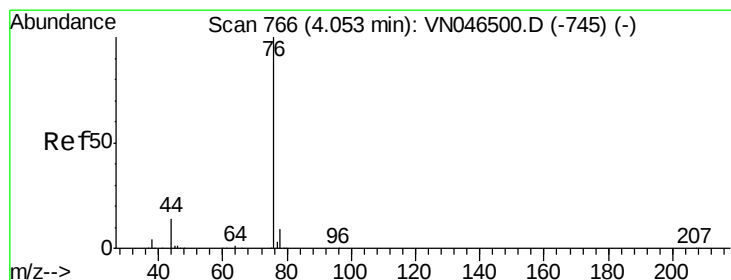
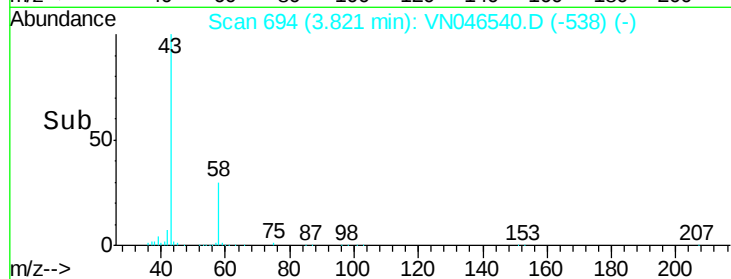
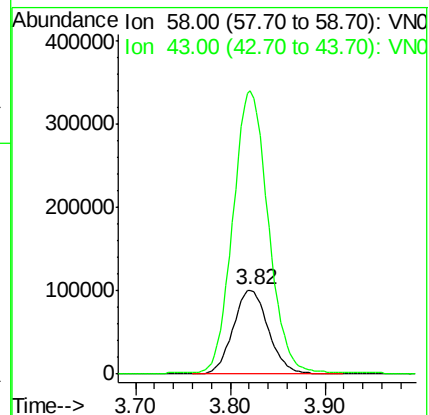
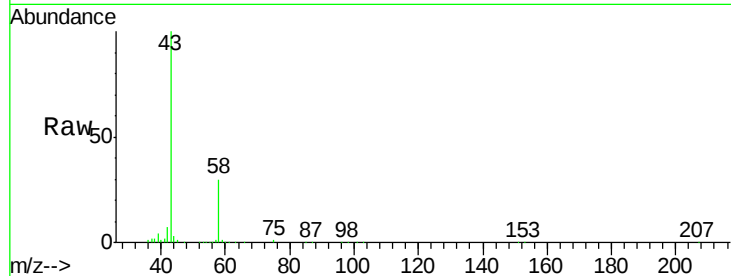
VSTDIC150

Tgt Ion: 58 Resp: 258141

Ion Ratio Lower Upper

58 100

43 336.1 285.3 427.9



#16

Carbon Disulfide

Concen: 147.76 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN046540.D

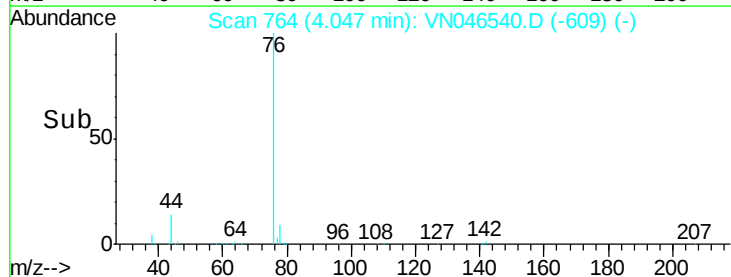
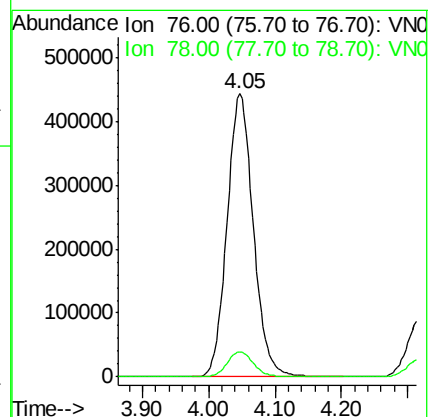
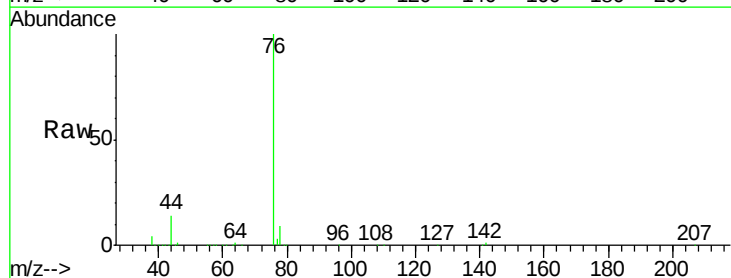
Acq: 24 Jan 2018 12:00

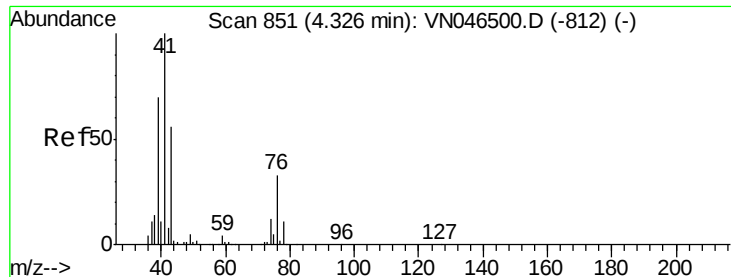
Tgt Ion: 76 Resp: 1218165

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

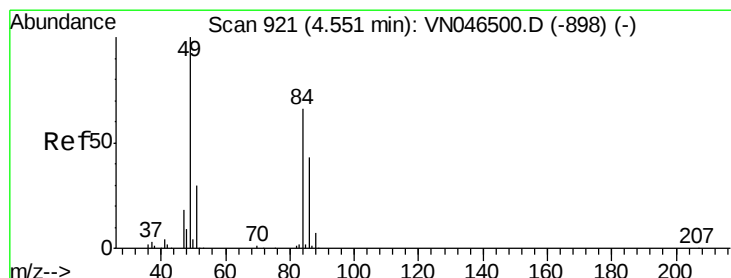
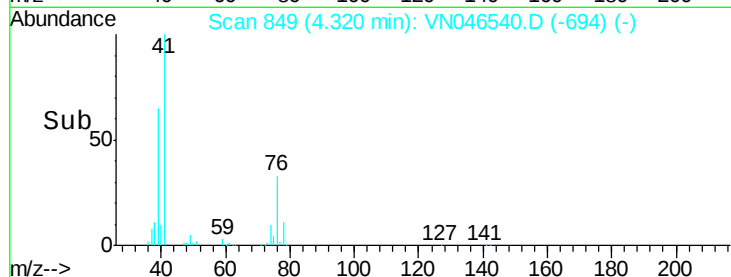
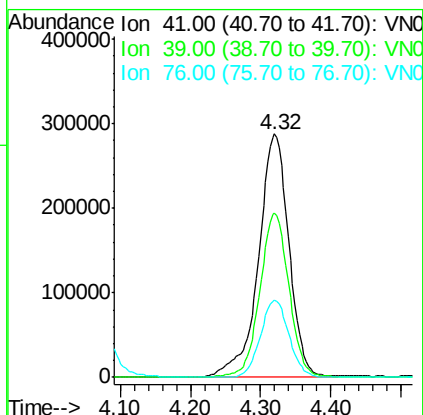
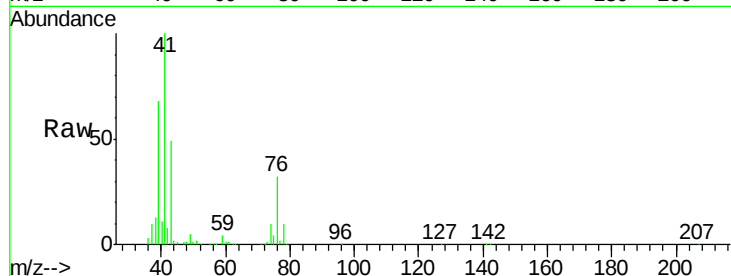




#17
 Allyl chloride
 Concen: 167.89 ug/l
 RT: 4.32 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

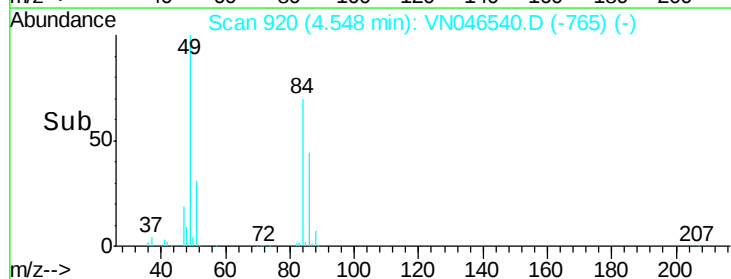
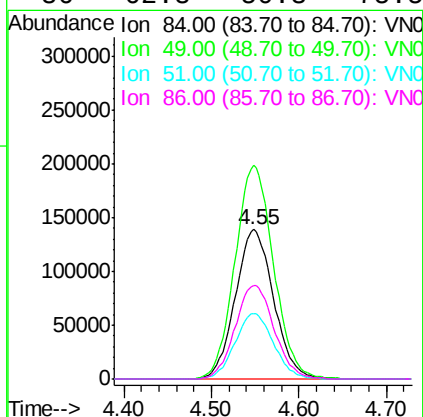
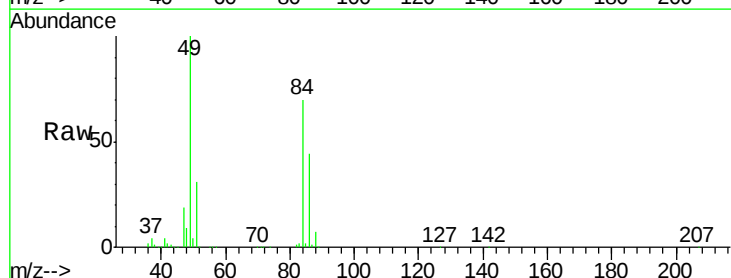
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

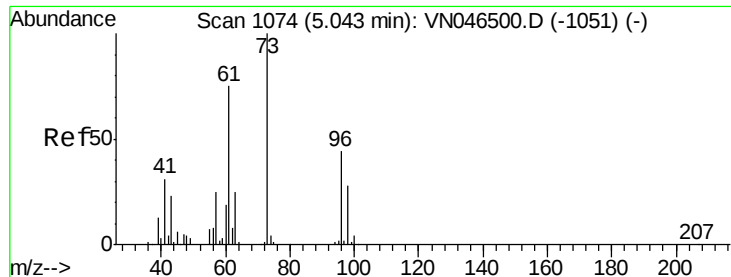
Tgt Ion: 41 Resp: 866581
 Ion Ratio Lower Upper
 41 100
 39 67.7 33.5 100.4
 76 31.8 15.9 47.7



#18
 Methylene Chloride
 Concen: 127.71 ug/l
 RT: 4.55 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion: 84 Resp: 422332
 Ion Ratio Lower Upper
 84 100
 49 142.8 113.9 170.9
 51 44.0 36.3 54.5
 86 62.8 50.3 75.5





#19

trans-1,2-Dichloroethene

Concen: 149.40 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

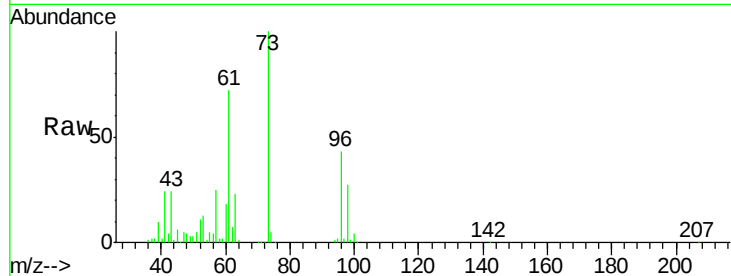
Tgt Ion: 96 Resp: 382583

Ion Ratio Lower Upper

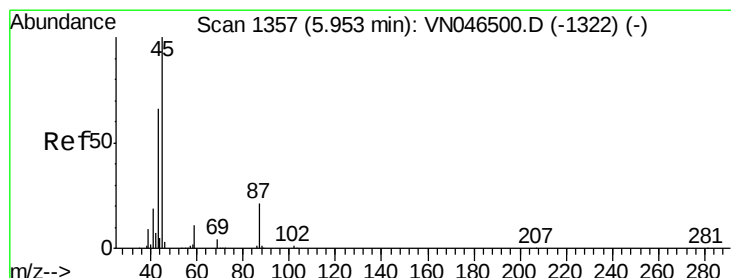
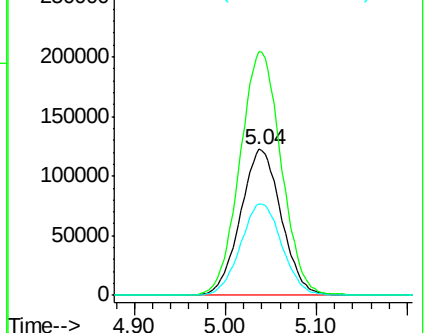
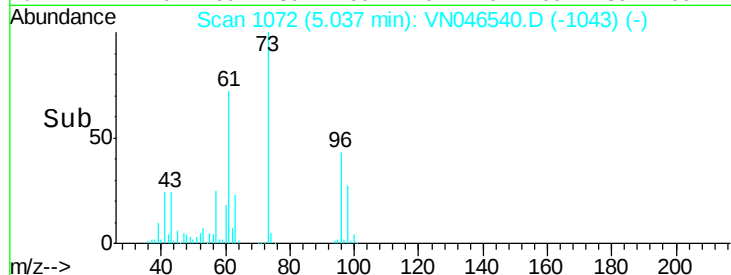
96 100

61 166.9 137.3 205.9

98 62.9 52.3 78.5



Abundance Ion 96.00 (95.70 to 96.70): VN046540.D (-1043) (-)



#20

Diisopropyl ether

Concen: 159.53 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Tgt Ion: 45 Resp: 1592506

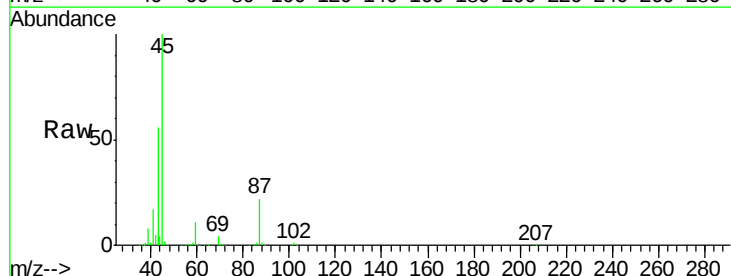
Ion Ratio Lower Upper

45 100

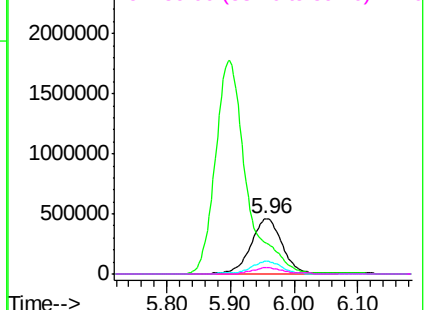
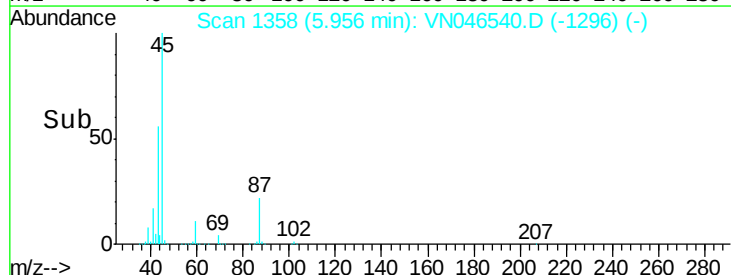
43 54.7 45.1 67.7

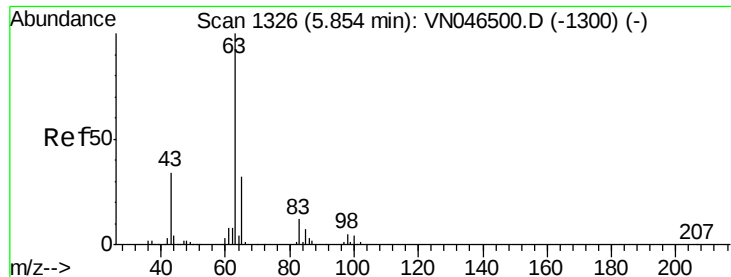
87 22.0 16.6 24.8

59 10.6 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN046540.D (-1296) (-)





#21

1,1-Dichloroethane

Concen: 143.57 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

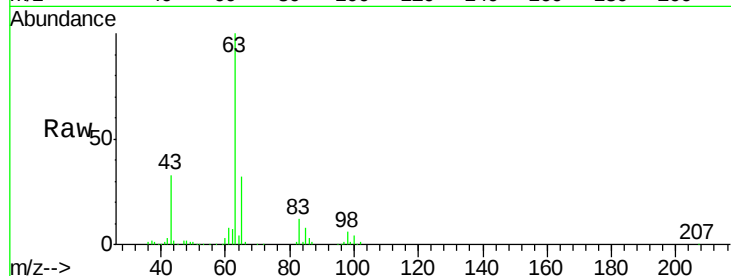
Tgt Ion: 63 Resp: 848335

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.9

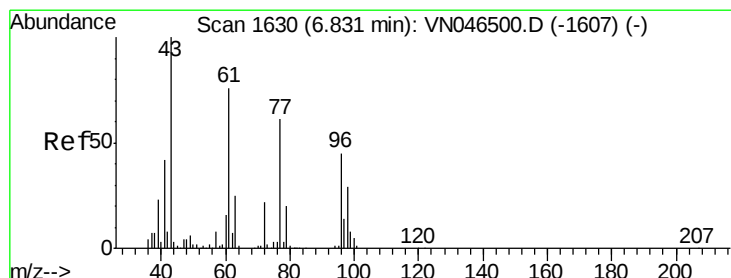
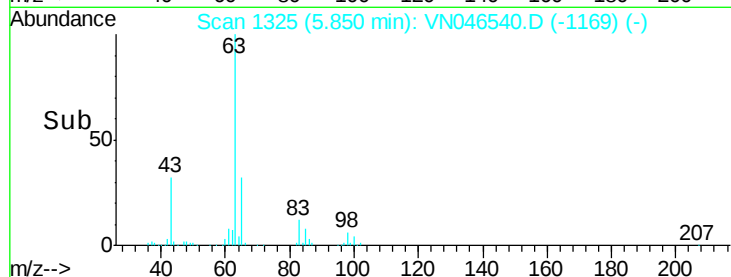
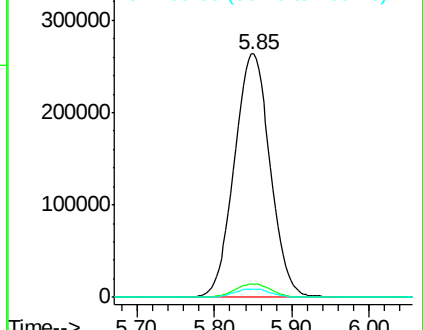
100 3.5 1.7 5.0



Abundance Ion 63.00 (62.70 to 63.70): VN046540.D (-1169) (-)

Ion 98.00 (97.70 to 98.70): VN046540.D (-1169) (-)

Ion 100.00 (99.70 to 100.70): VN046540.D (-1169) (-)



#22

cis-1,2-Dichloroethene

Concen: 153.06 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

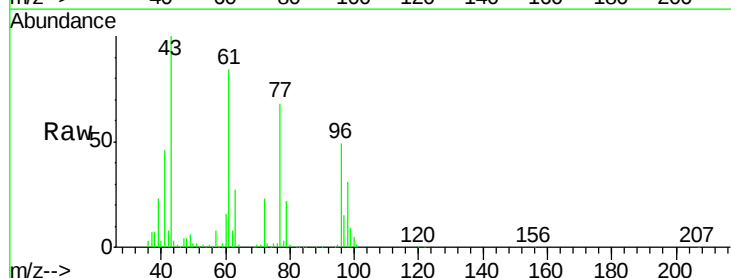
Tgt Ion: 96 Resp: 441532

Ion Ratio Lower Upper

96 100

61 176.3 141.3 211.9

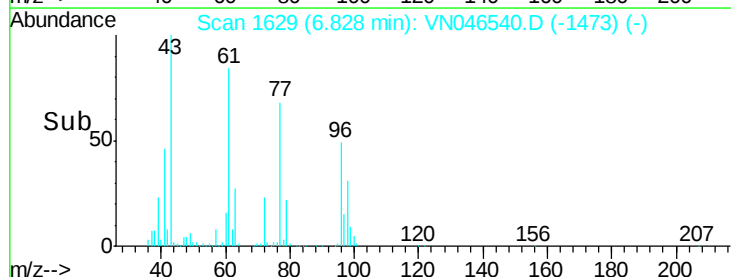
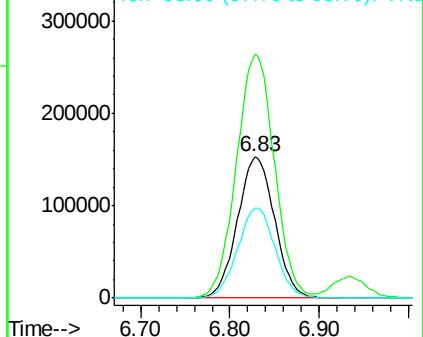
98 64.6 51.0 76.6

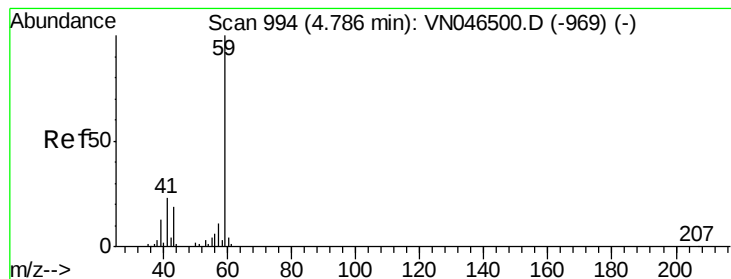


Abundance Ion 96.00 (95.70 to 96.70): VN046540.D (-1473) (-)

Ion 61.00 (60.70 to 61.70): VN046540.D (-1473) (-)

Ion 98.00 (97.70 to 98.70): VN046540.D (-1473) (-)





#23

tert-Butyl Alcohol

Concen: 951.94 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

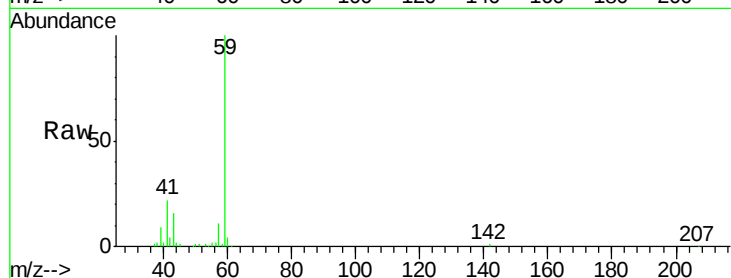
VSTDIC150

Tgt Ion: 59 Resp: 203140

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN046540.D (-1000) (-)

Ion 52.00 (51.70 to 52.70): VN046540.D (-1000) (-)

250000

200000

150000

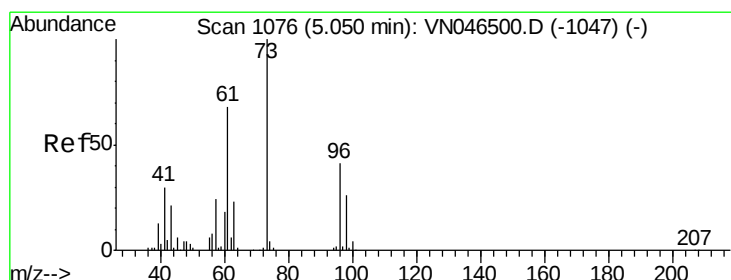
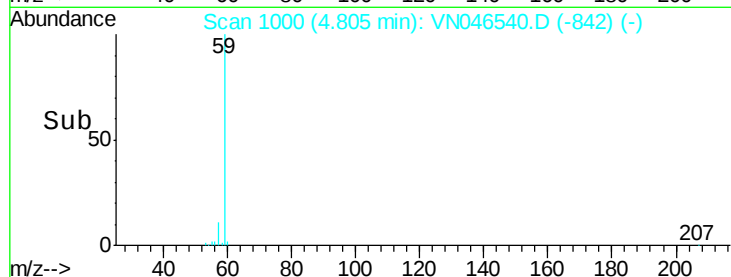
100000

50000

0

4.60 4.70 4.80 4.90 5.00

Time-->



#24

Methyl tert-Butyl Ether

Concen: 174.20 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN046540.D

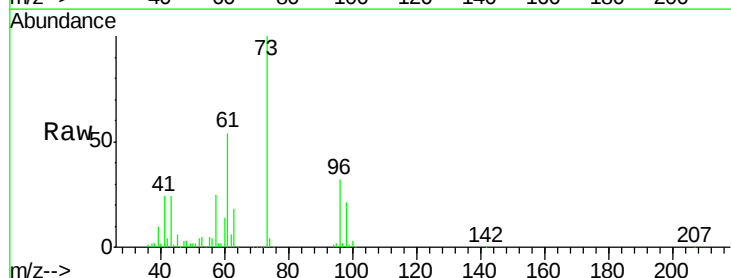
Acq: 24 Jan 2018 12:00

Tgt Ion: 73 Resp: 1204580

Ion Ratio Lower Upper

73 100

43 23.6 19.0 28.6



Abundance Ion 73.00 (72.70 to 73.70): VN046540.D (-1076) (-)

Ion 43.00 (42.70 to 43.70): VN046540.D (-1076) (-)

300000

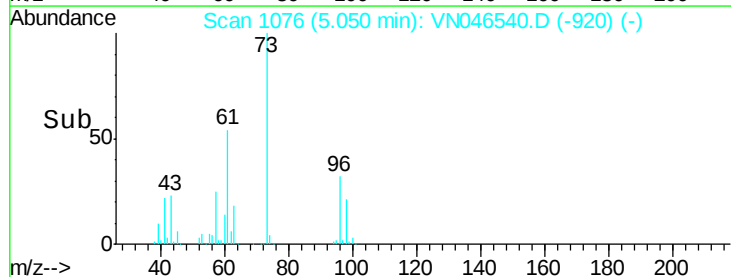
200000

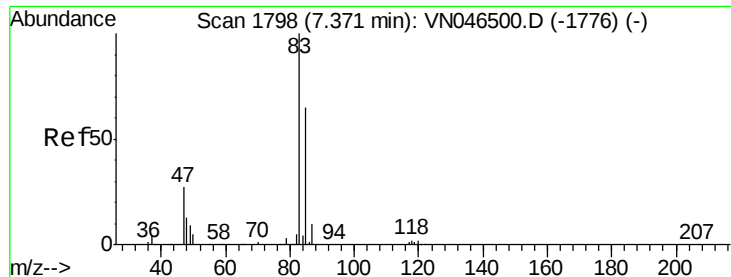
100000

0

4.90 5.00 5.10 5.20

Time-->





#25

Chloroform

Concen: 138.67 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

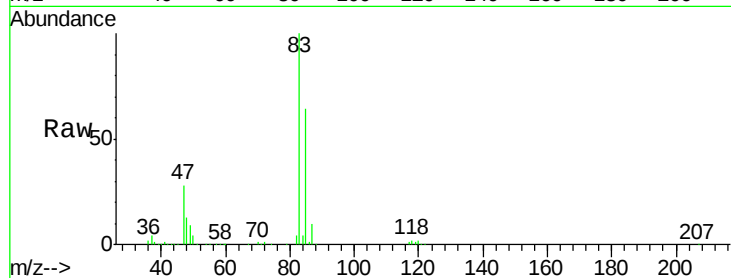
VSTDIC150

Tgt Ion: 83 Resp: 740925

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VN046540.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VN046540.D (-1642) (-)

7.37

300000

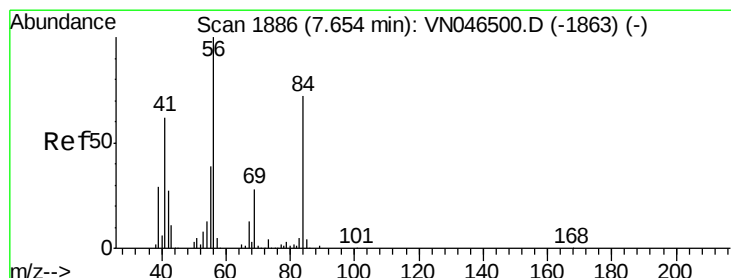
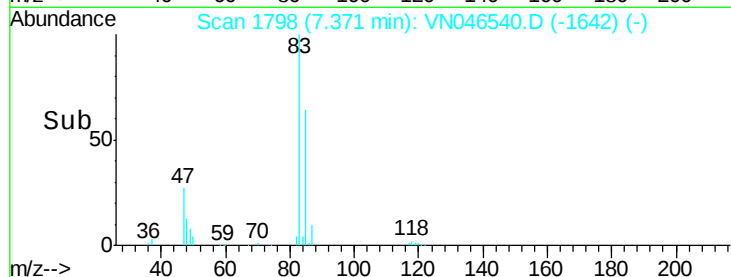
200000

100000

0

7.30 7.40 7.50

Time-->



#26

Cyclohexane

Concen: 166.70 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

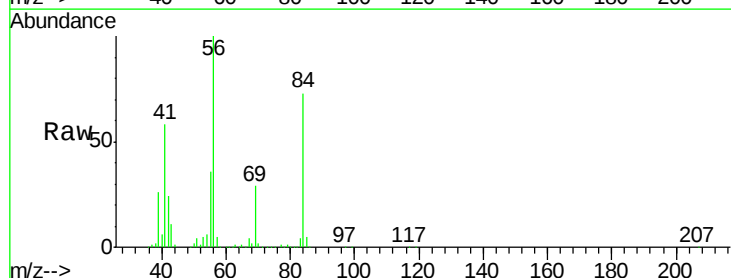
Tgt Ion: 56 Resp: 811904

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 73.0 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VN046540.D (-1729) (-)

Ion 89.00 (88.70 to 89.70): VN046540.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN046540.D (-1729) (-)

500000

400000

300000

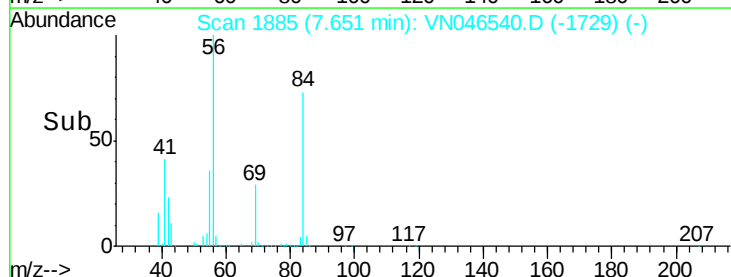
200000

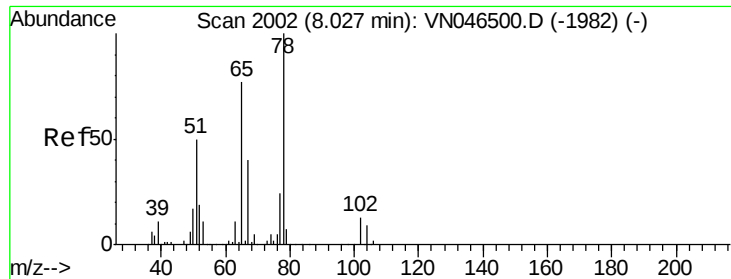
100000

0

7.55 7.60 7.65 7.70

Time-->

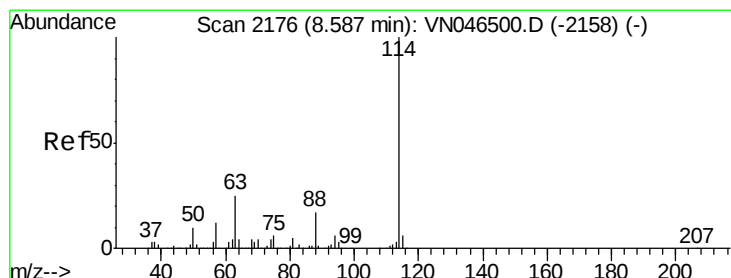
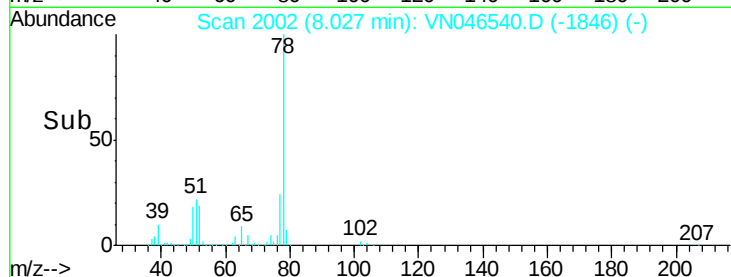
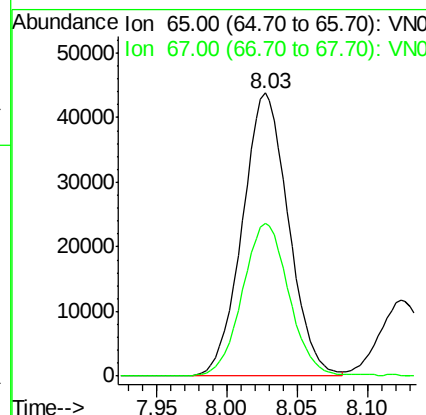
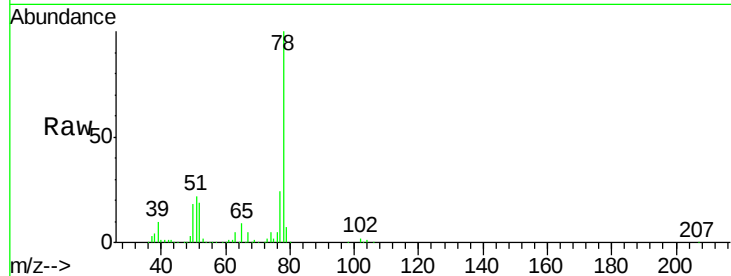




#27
 1,2-Dichloroethane-d4
 Concen: 28.41 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

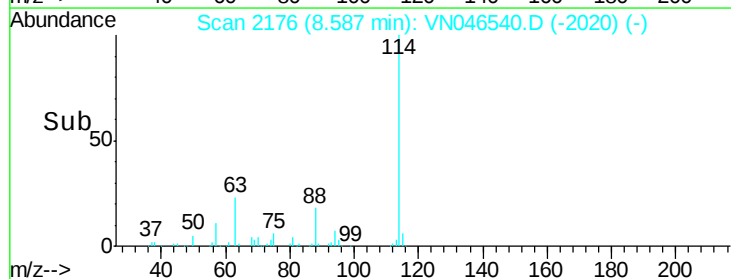
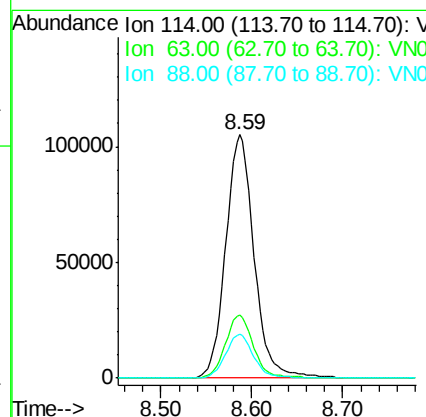
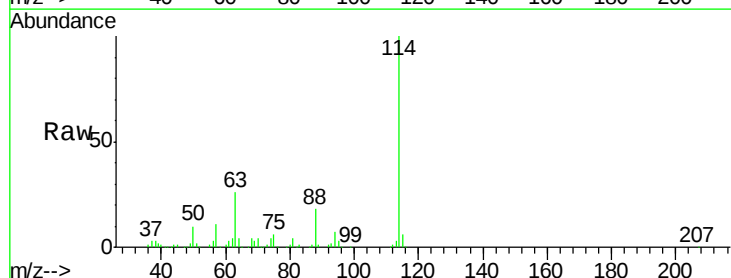
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

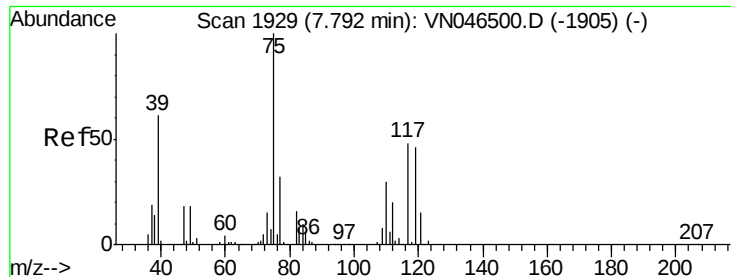
Tgt Ion: 65 Resp: 100298
 Ion Ratio Lower Upper
 65 100
 67 54.3 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion: 114 Resp: 227837
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.2 30.4
 88 17.9 14.2 21.2

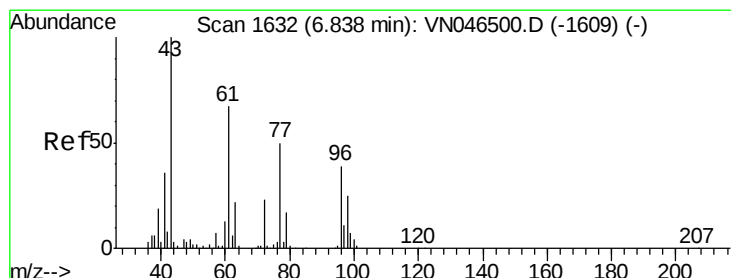
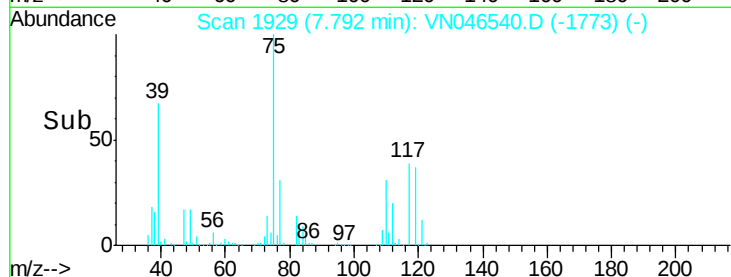
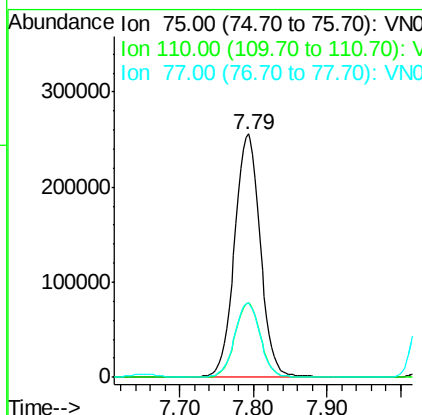
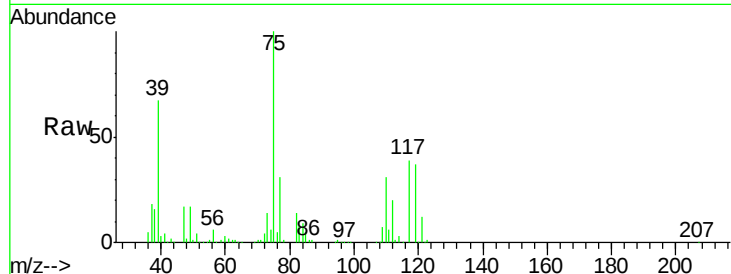




#29
 1,1-Dichloropropene
 Concen: 149.12 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

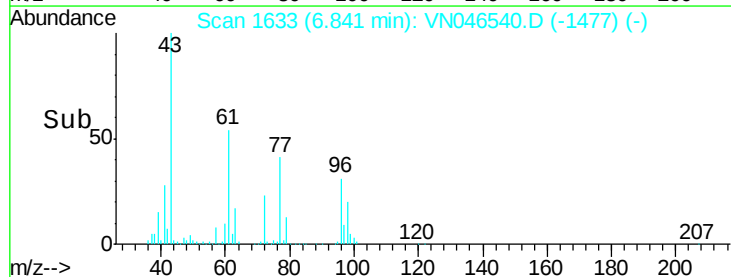
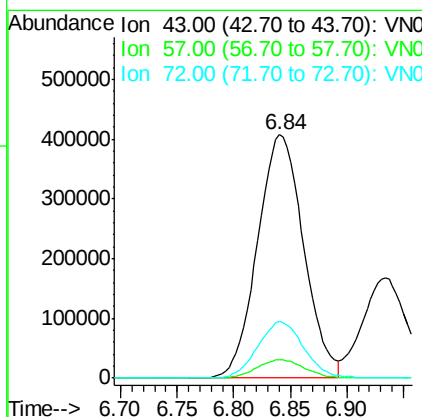
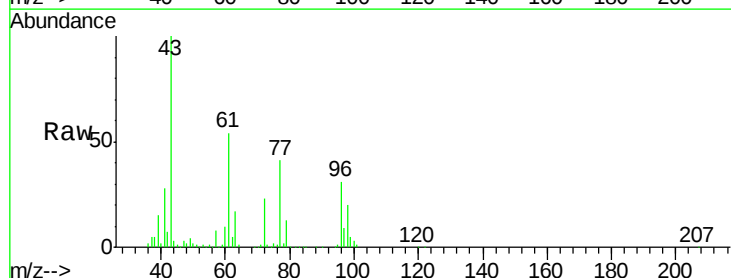
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

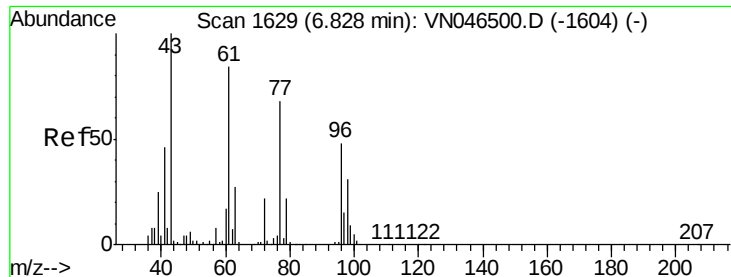
Tgt Ion: 75 Resp: 623054
 Ion Ratio Lower Upper
 75 100
 110 30.6 0.0 61.0
 77 30.8 0.0 63.2



#30
 2-Butanone
 Concen: 799.50 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion: 43 Resp: 1148641
 Ion Ratio Lower Upper
 43 100
 57 7.8 6.8 10.2
 72 23.4 18.9 28.3

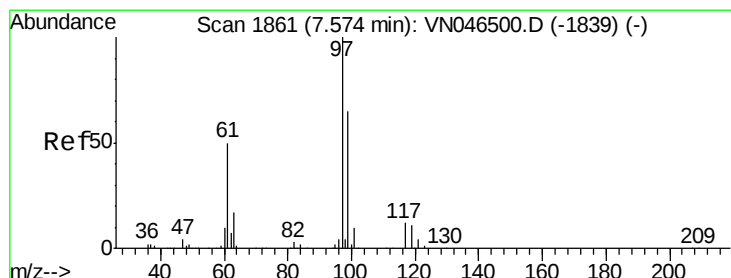
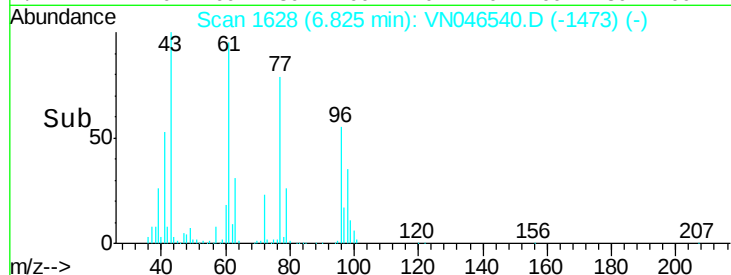
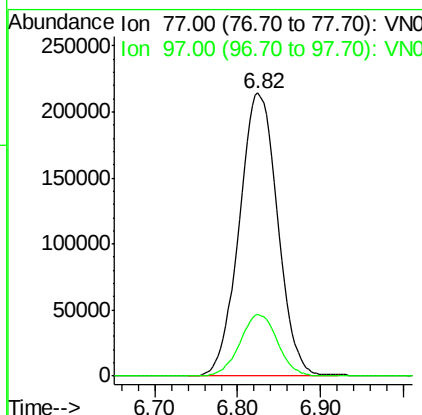
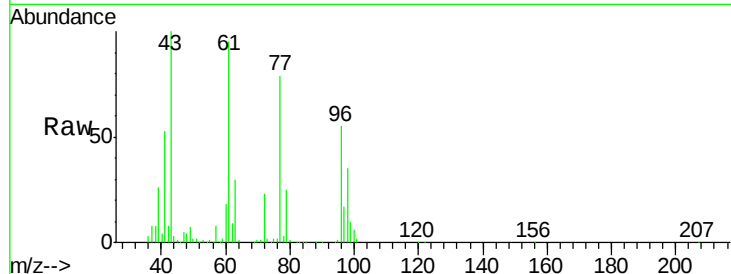




#31
 2,2-Dichloropropane
 Concen: 146.71 ug/l
 RT: 6.82 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

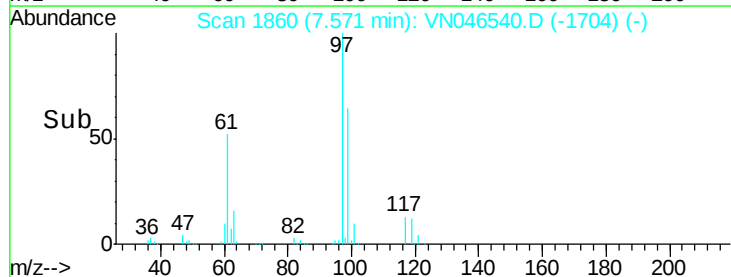
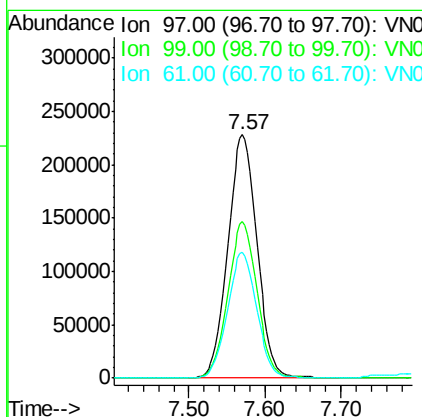
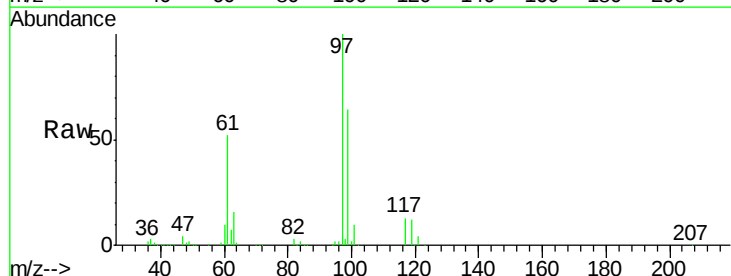
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

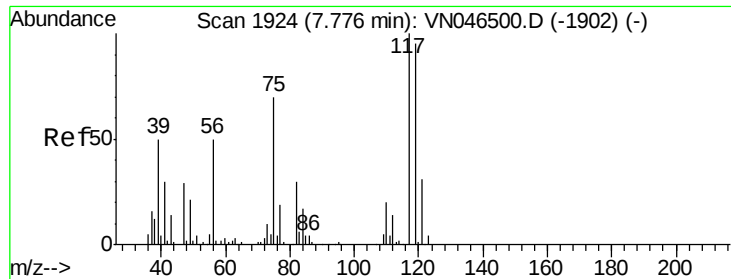
Tgt Ion: 77 Resp: 690048
 Ion Ratio Lower Upper
 77 100
 97 21.4 17.2 25.8



#32
 1,1,1-Trichloroethane
 Concen: 134.80 ug/l
 RT: 7.57 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion: 97 Resp: 609377
 Ion Ratio Lower Upper
 97 100
 99 63.7 50.4 75.6
 61 51.9 41.3 61.9

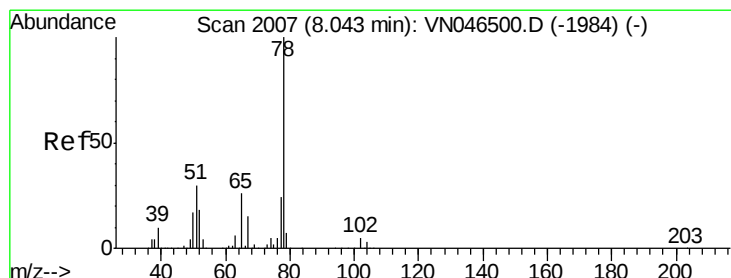
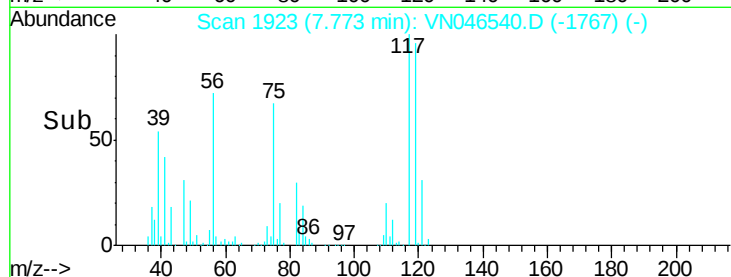
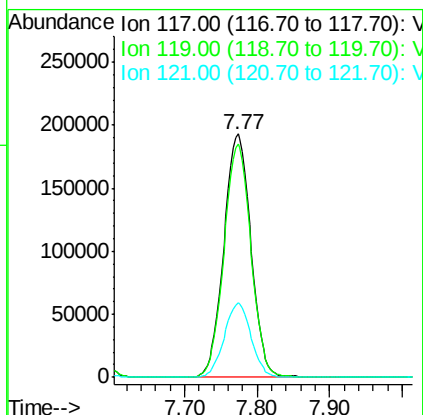
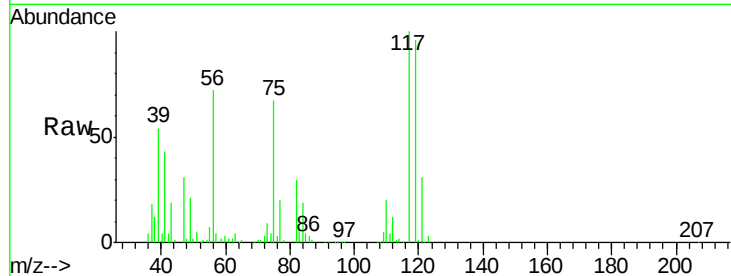




#33
Carbon Tetrachloride
Concen: 131.61 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

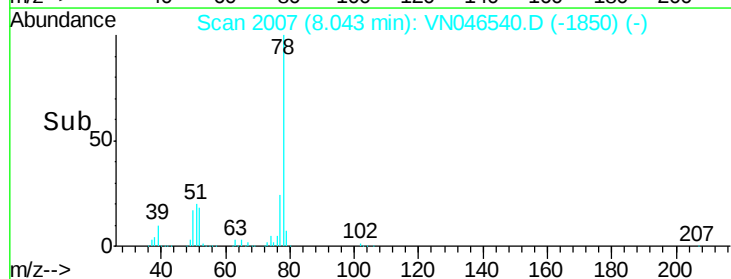
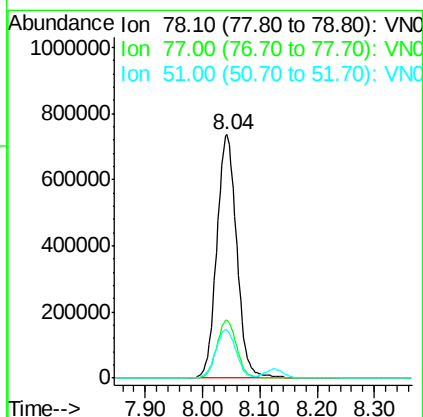
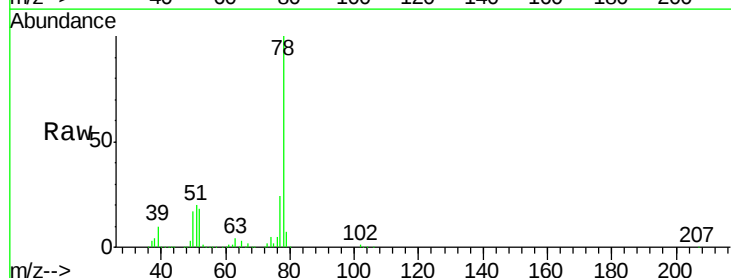
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

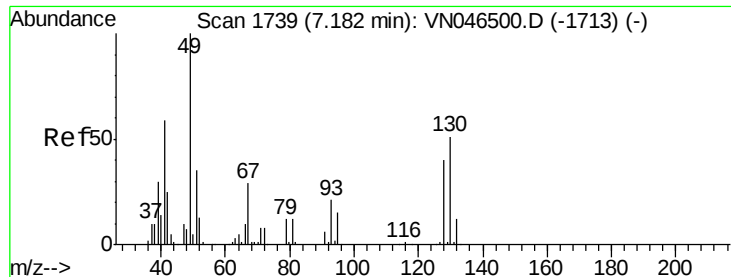
Tgt Ion: 117 Resp: 501092
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5
121 30.6 25.1 37.7



#34
Benzene
Concen: 135.56 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 78 Resp: 1780909
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2
51 19.8 25.4 38.0#

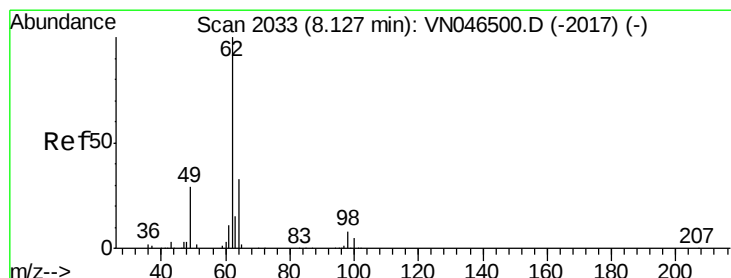
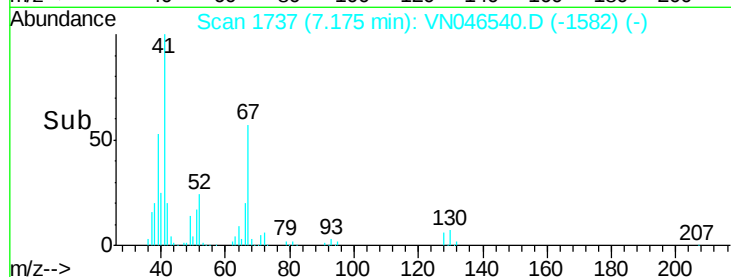
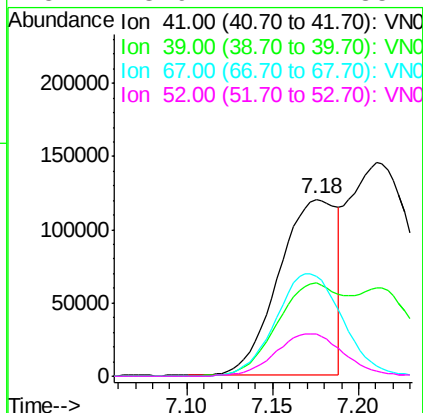
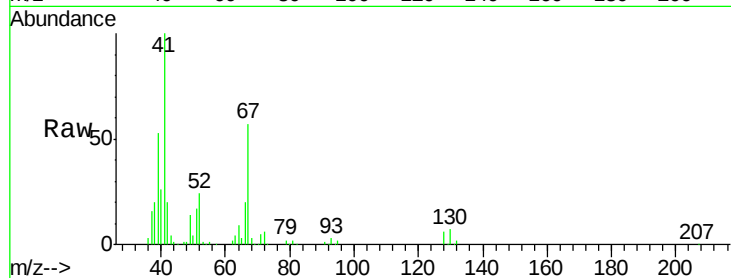




#35
Methacrylonitrile
Concen: 160.23 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

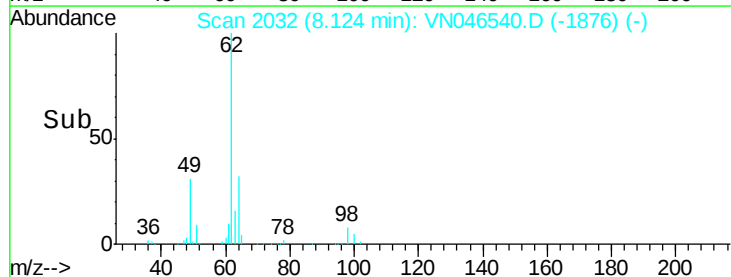
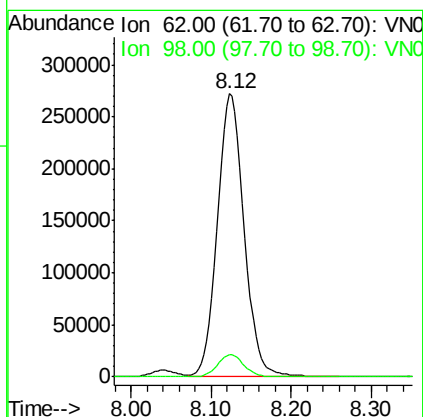
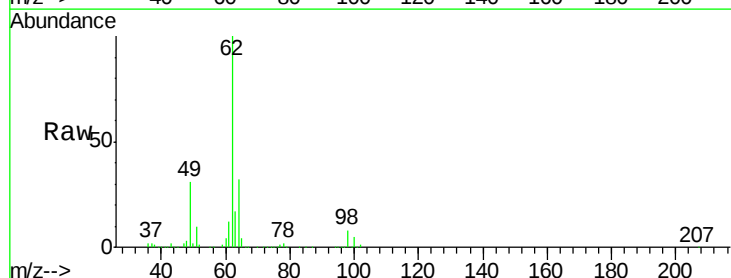
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

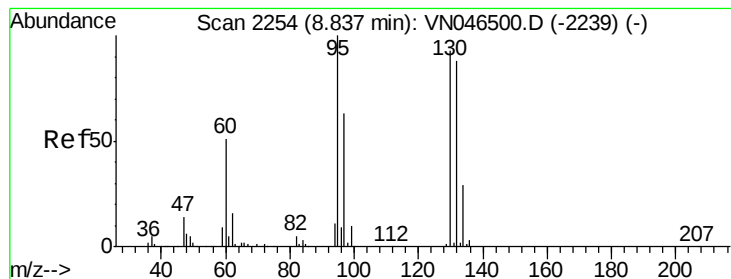
Tgt Ion: 41 Resp: 281600
Ion Ratio Lower Upper
41 100
39 52.6 26.6 79.8
67 57.0 28.0 83.9
52 23.9 12.7 38.1



#36
1,2-Dichloroethane
Concen: 134.90 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 62 Resp: 627131
Ion Ratio Lower Upper
62 100
98 7.9 6.7 10.1





#37

Trichloroethene

Concen: 142.98 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

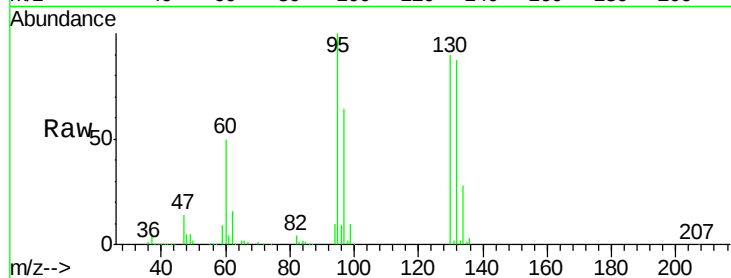
VSTDIC150

Tgt Ion:130 Resp: 403636

Ion Ratio Lower Upper

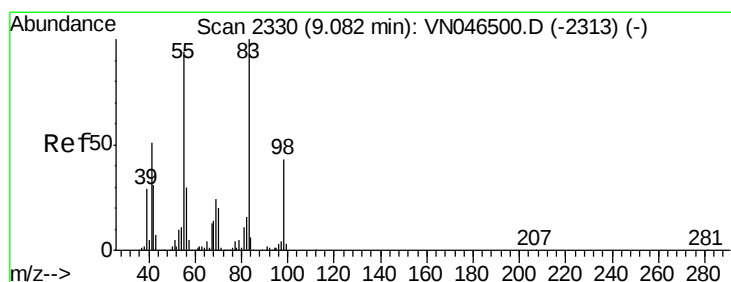
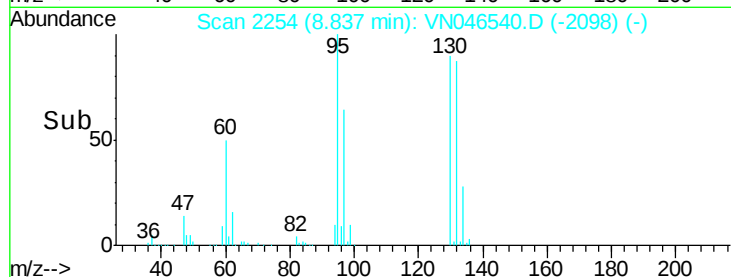
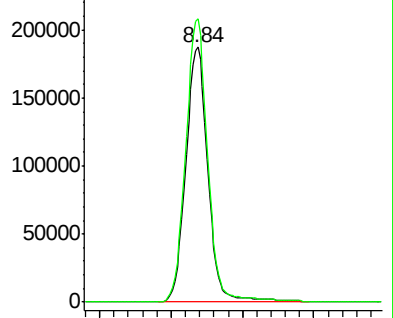
130 100

95 111.2 90.7 136.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 168.74 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

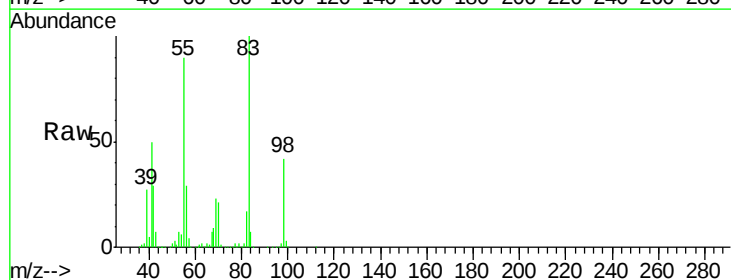
Tgt Ion: 83 Resp: 745219

Ion Ratio Lower Upper

83 100

55 87.3 43.9 131.6

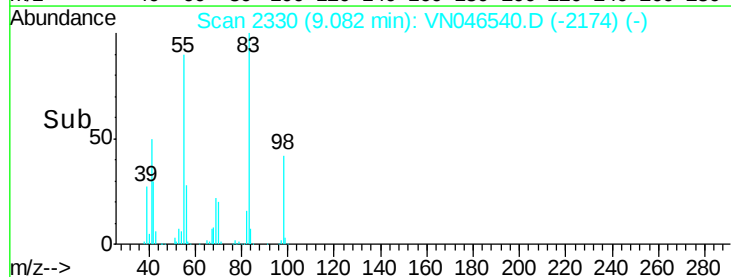
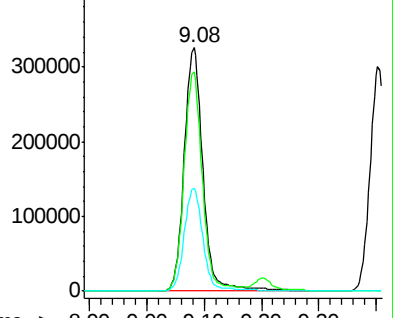
98 42.6 21.1 63.4

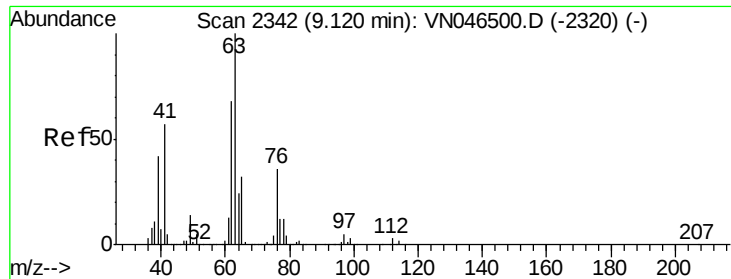


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

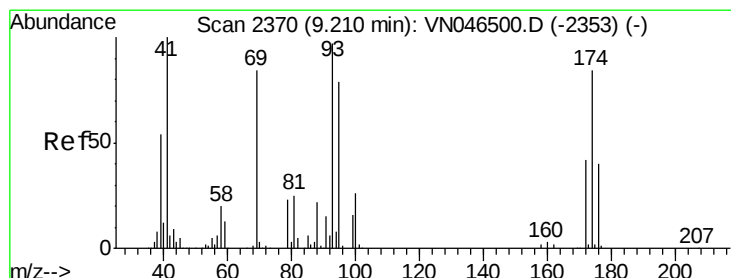
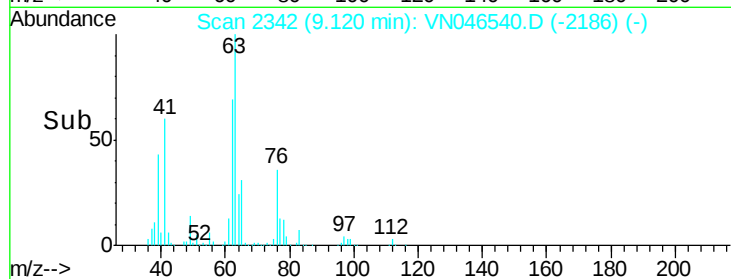
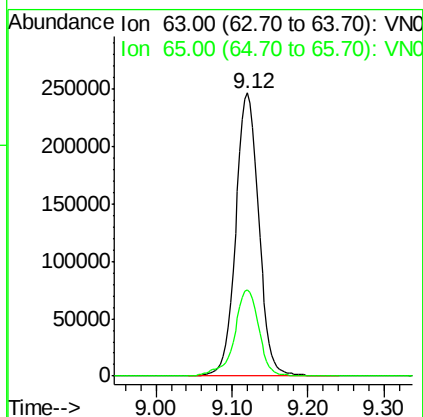
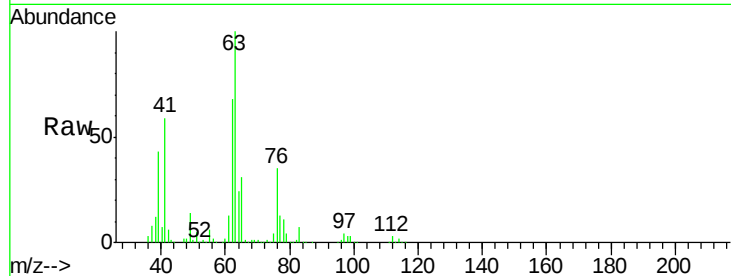




#39
 1,2-Dichloropropane
 Concen: 138.12 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

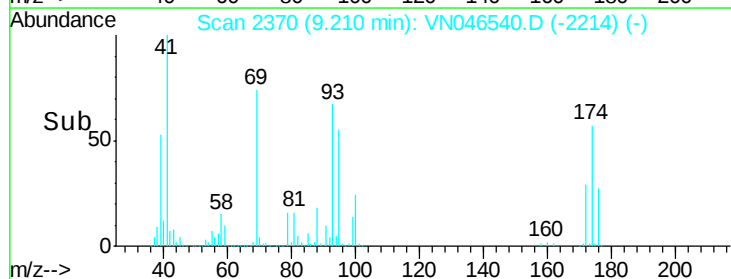
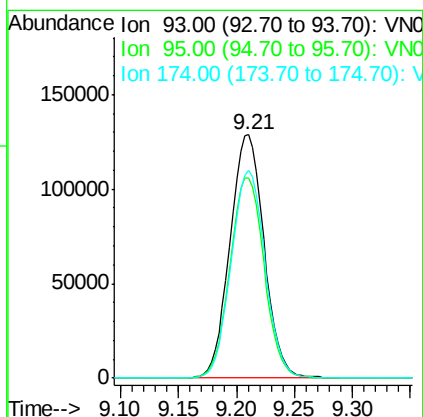
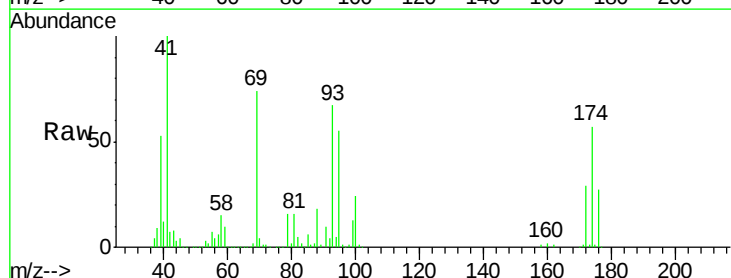
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

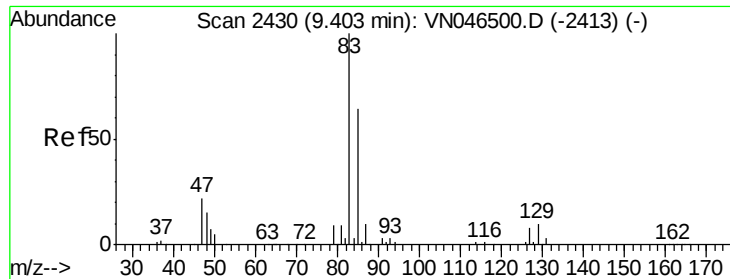
Tgt Ion: 63 Resp: 518027
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 37.0



#40
 Dibromomethane
 Concen: 134.65 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion: 93 Resp: 262127
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 169.8
 174 85.3 0.0 170.4





#41

Bromodichloromethane

Concen: 142.15 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

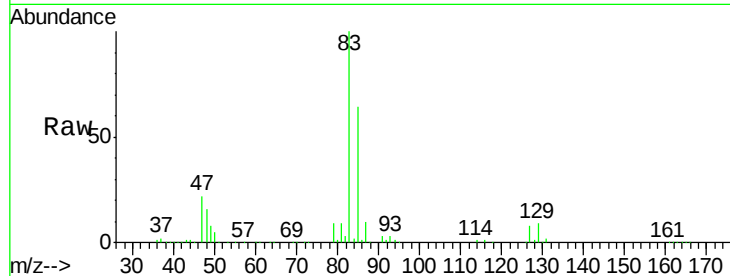
Tgt Ion: 83 Resp: 596088

Ion Ratio Lower Upper

83 100

85 64.4 53.6 80.4

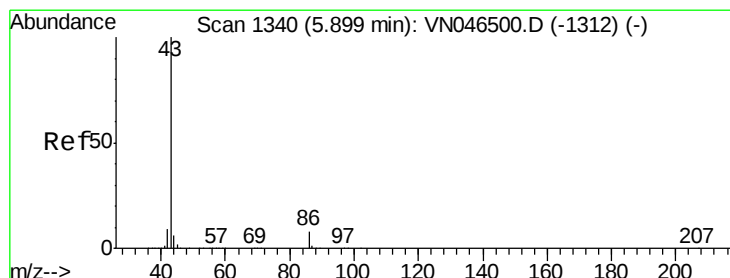
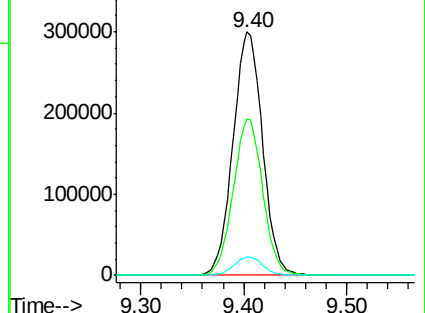
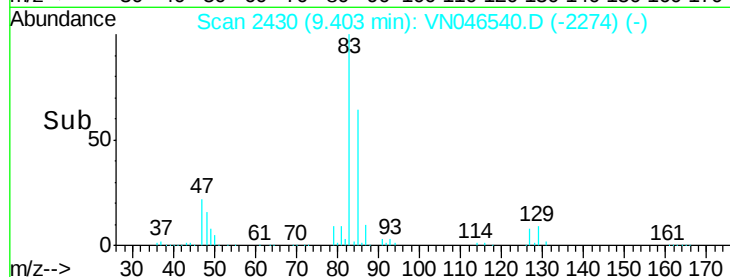
127 7.5 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VN046540.D (-2274) (-)

Ion 85.00 (84.70 to 85.70): VN046540.D (-2274) (-)

Ion 127.00 (126.70 to 127.70): VN046540.D (-2274) (-)



#42

Vinyl Acetate

Concen: 801.90 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN046540.D

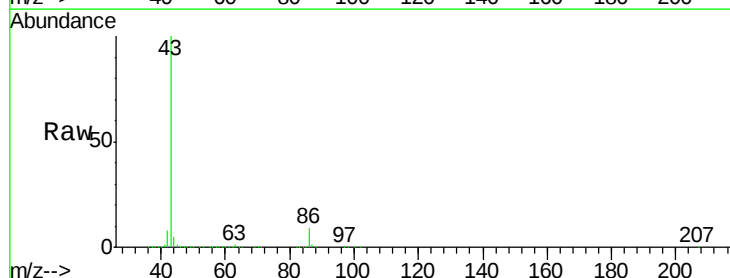
Acq: 24 Jan 2018 12:00

Tgt Ion: 43 Resp: 6028689

Ion Ratio Lower Upper

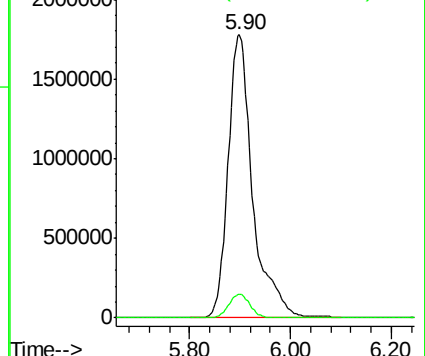
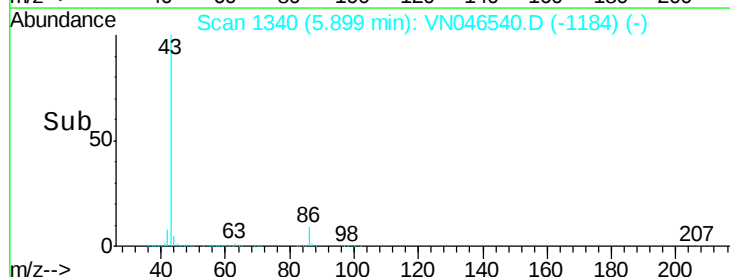
43 100

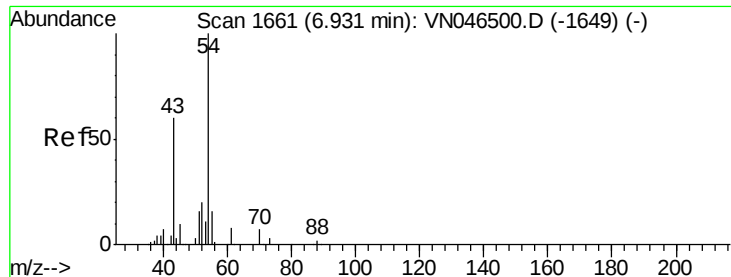
86 7.4 5.7 8.5



Abundance Ion 43.00 (42.70 to 43.70): VN046540.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN046540.D (-1184) (-)

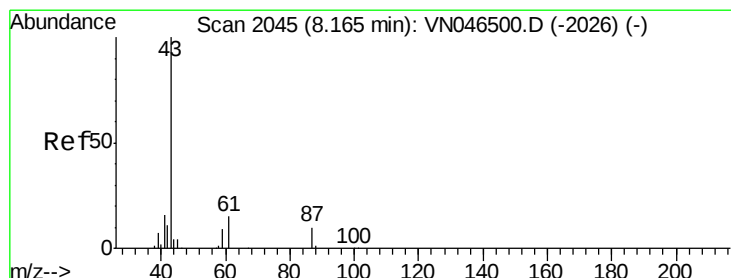
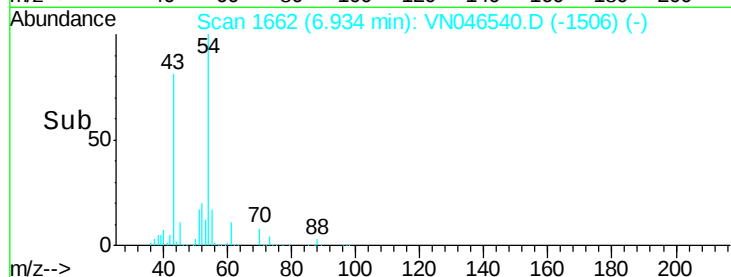
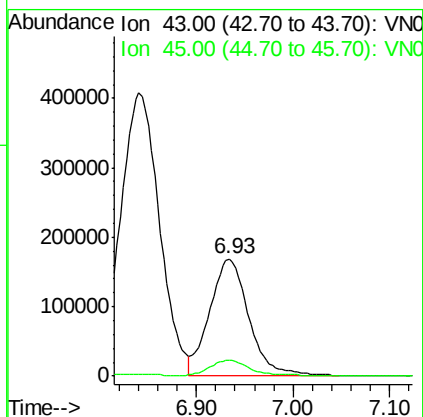
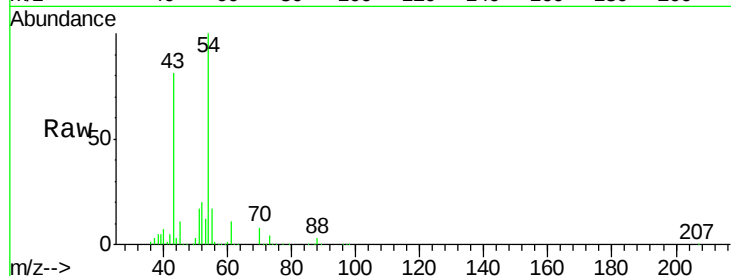




#43
Ethyl Acetate
Concen: 149.90 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

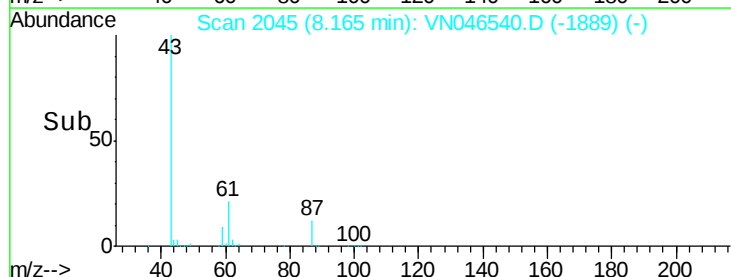
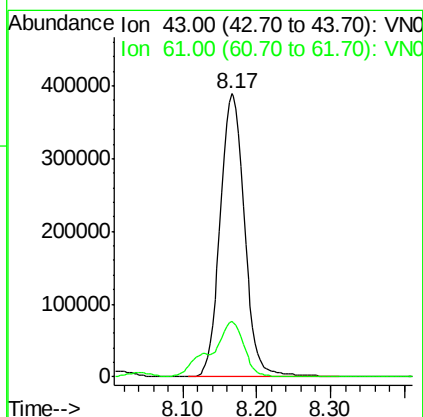
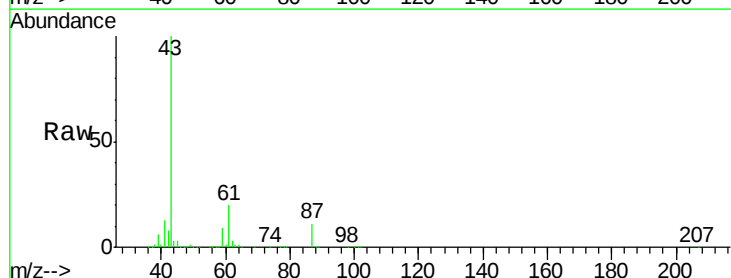
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

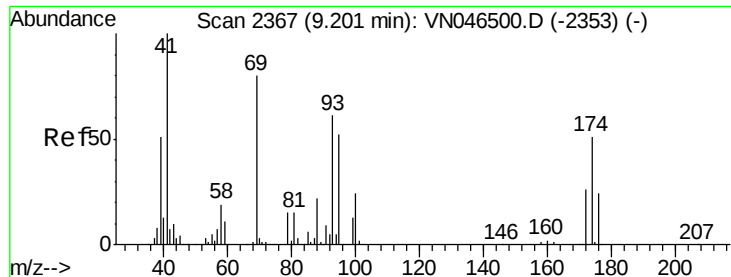
Tgt Ion: 43 Resp: 466625
Ion Ratio Lower Upper
43 100
45 14.6 10.4 15.6



#44
Isopropyl Acetate
Concen: 166.61 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 43 Resp: 890542
Ion Ratio Lower Upper
43 100
61 19.4 15.0 22.6

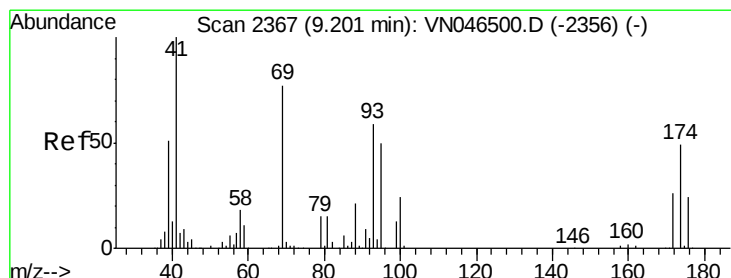
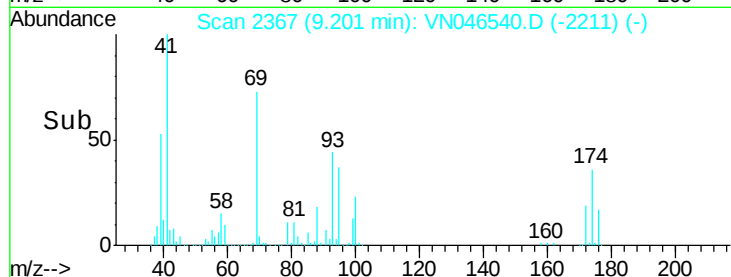
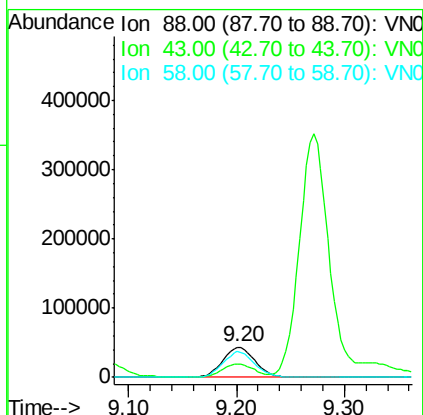
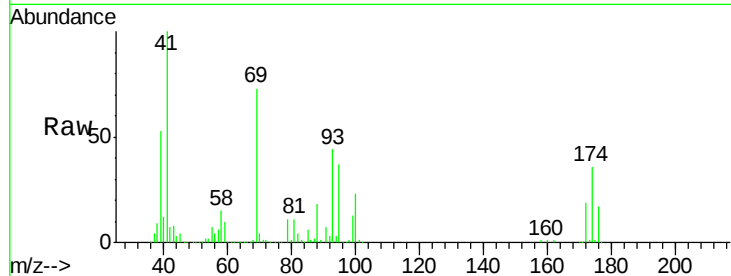




#45
 1,4-Dioxane
 Concen: 3039.35 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

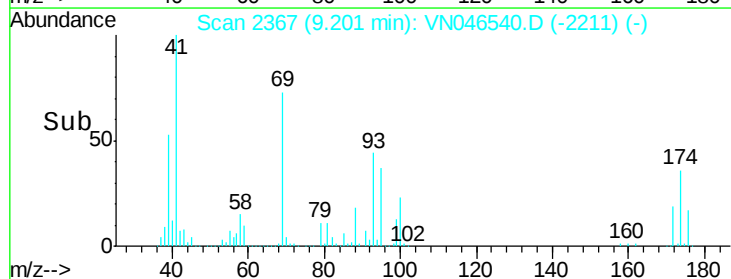
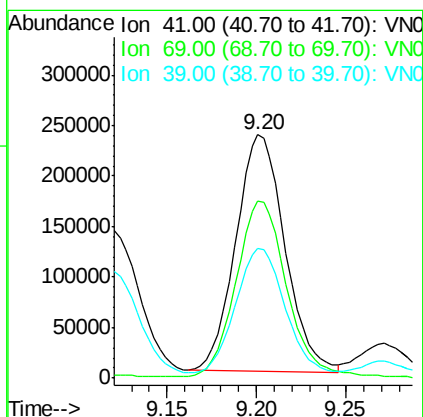
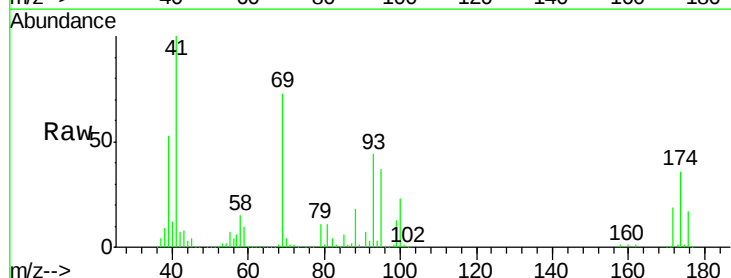
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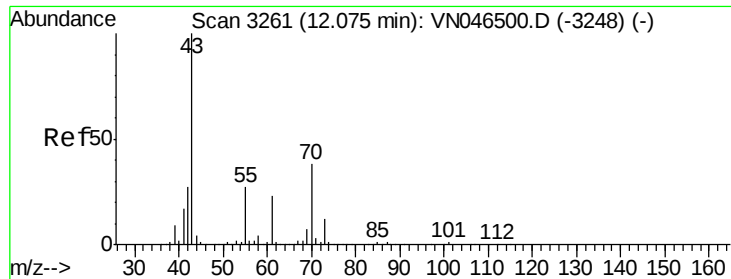
Tgt Ion: 88 Resp: 90444
 Ion Ratio Lower Upper
 88 100
 43 41.3 35.2 52.8
 58 83.2 71.2 106.8



#46
 Methyl methacrylate
 Concen: 183.67 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion: 41 Resp: 449320
 Ion Ratio Lower Upper
 41 100
 69 74.1 36.0 108.0
 39 52.9 27.6 82.8

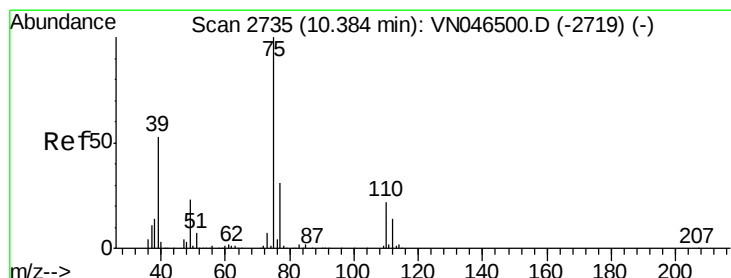
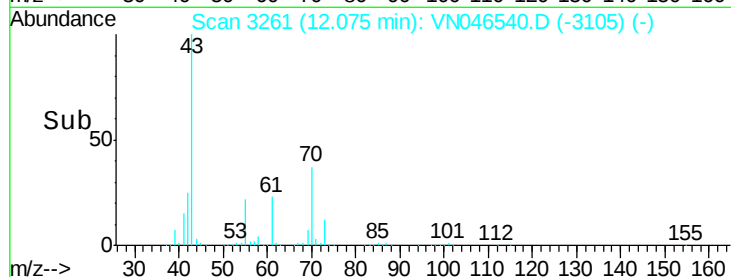
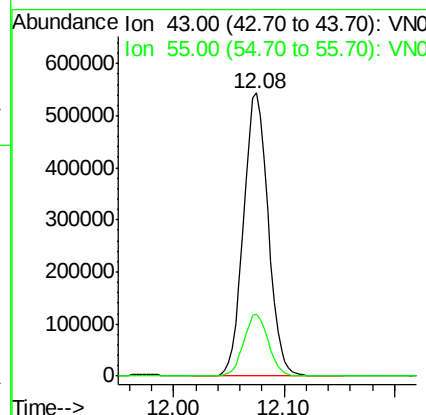
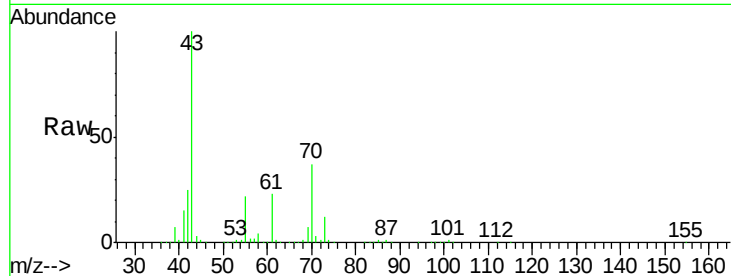




#47
n-amyl Acetate
Concen: 167.61 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

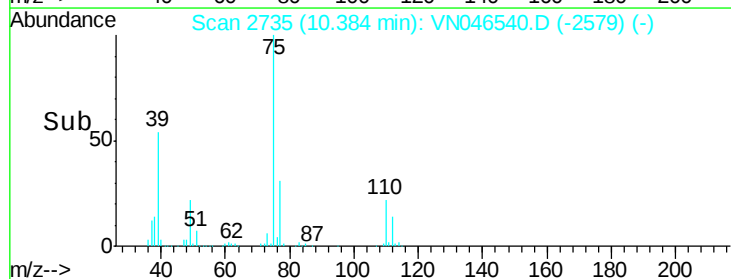
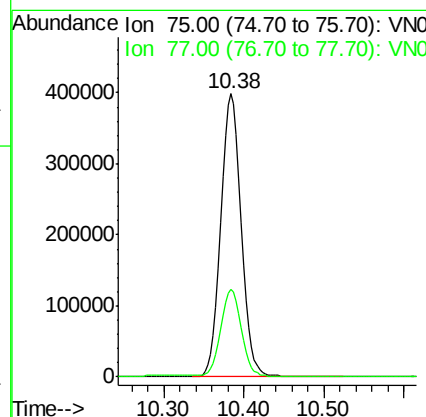
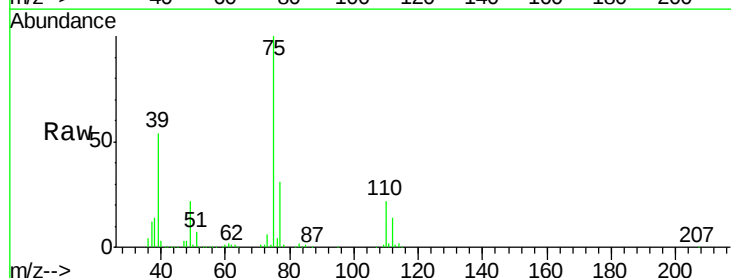
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

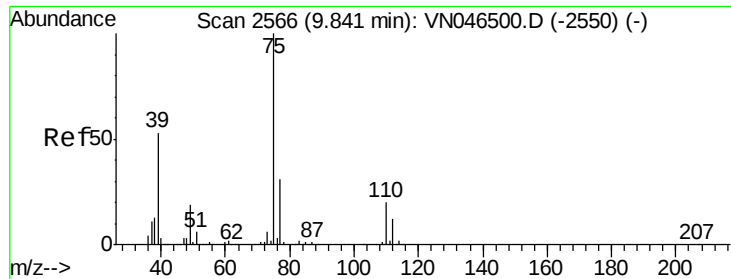
Tgt Ion: 43 Resp: 840692
Ion Ratio Lower Upper
43 100
55 21.8 17.6 26.4



#48
t-1,3-Dichloropropene
Concen: 164.01 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 75 Resp: 709461
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4

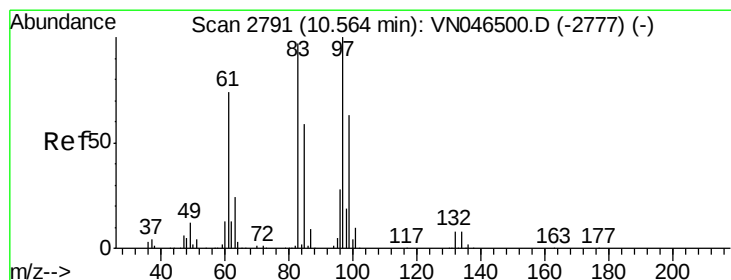
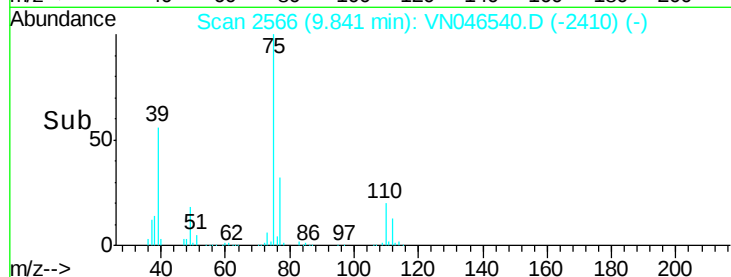
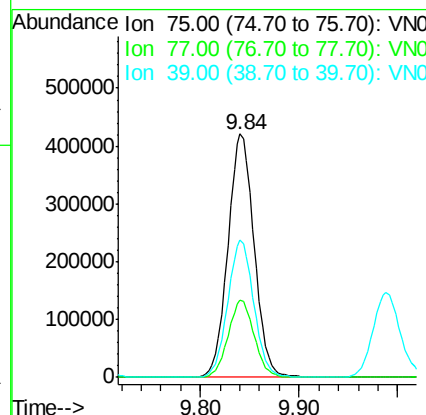
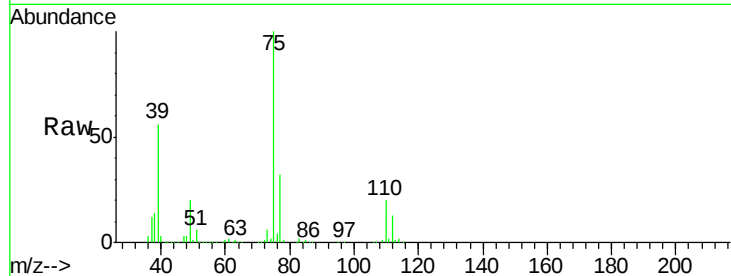




#49
 cis-1,3-Dichloropropene
 Concen: 155.28 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

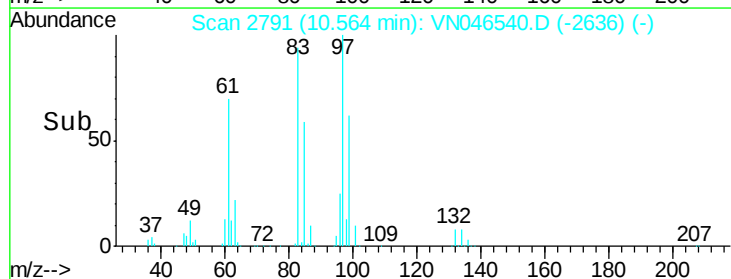
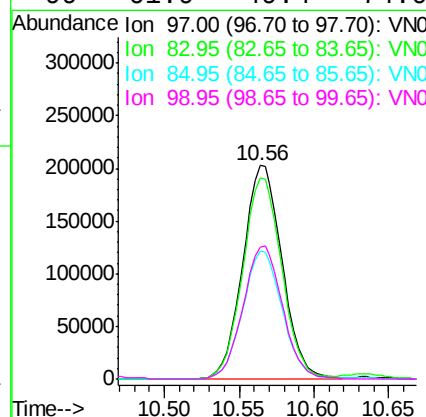
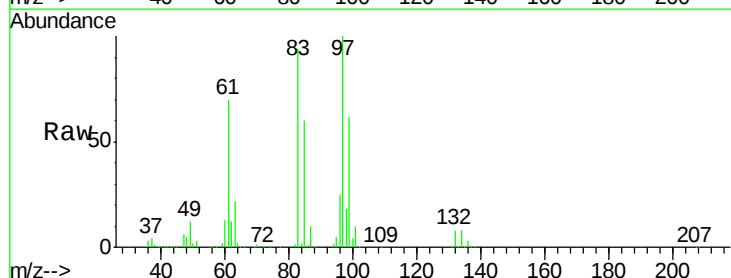
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

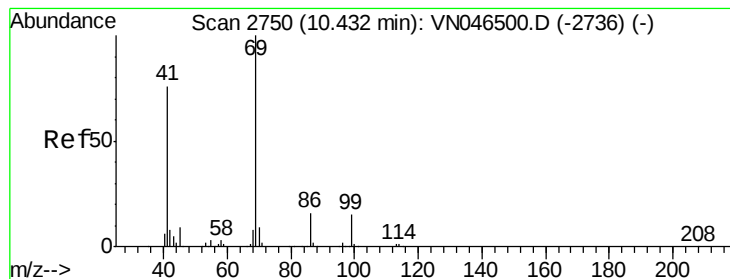
Tgt Ion: 75 Resp: 784438
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4
 39 56.4 45.1 67.7



#50
 1,1,2-Trichloroethane
 Concen: 136.22 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion: 97 Resp: 370830
 Ion Ratio Lower Upper
 97 100
 83 94.3 74.8 112.2
 85 59.9 47.5 71.3
 99 61.9 49.4 74.0





#51

Ethyl methacrylate

Concen: 178.51 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

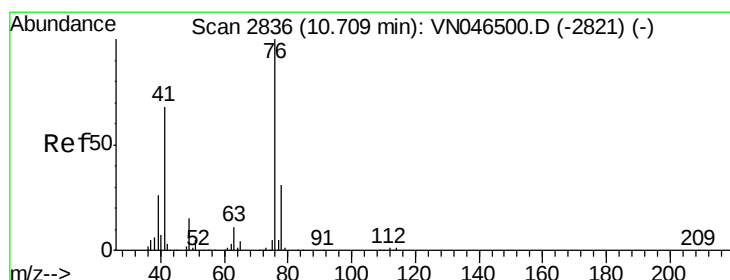
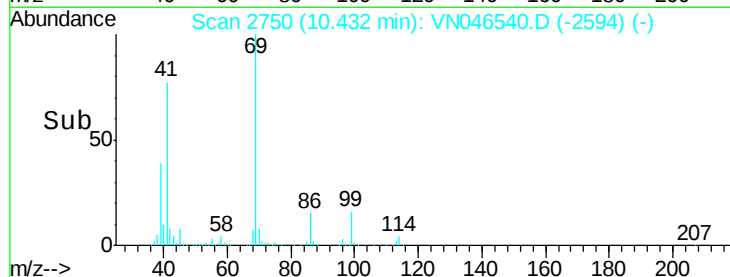
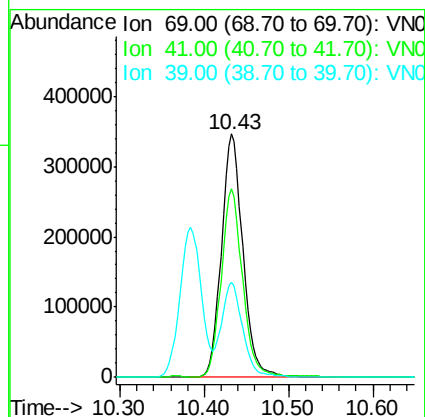
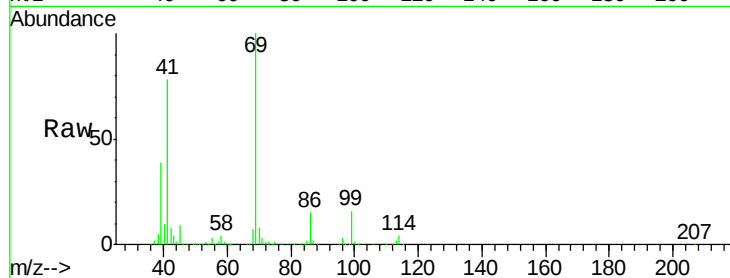
Tgt Ion: 69 Resp: 614533

Ion Ratio Lower Upper

69 100

41 77.4 37.8 113.4

39 38.9 19.3 57.8



#52

1,3-Dichloropropane

Concen: 140.80 ug/l

RT: 10.71 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN046540.D

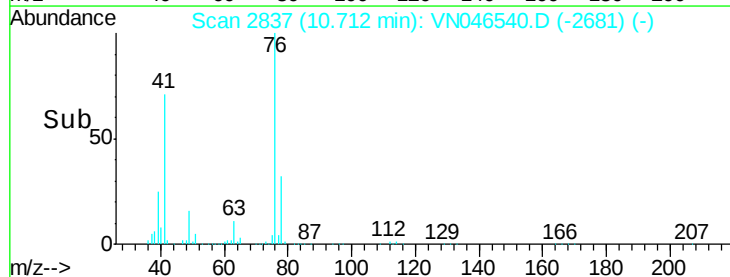
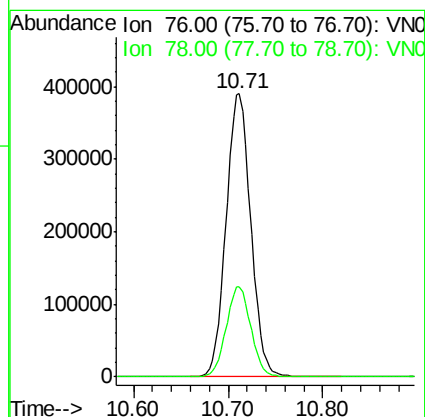
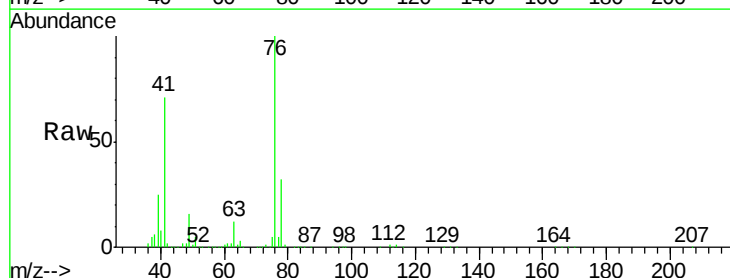
Acq: 24 Jan 2018 12:00

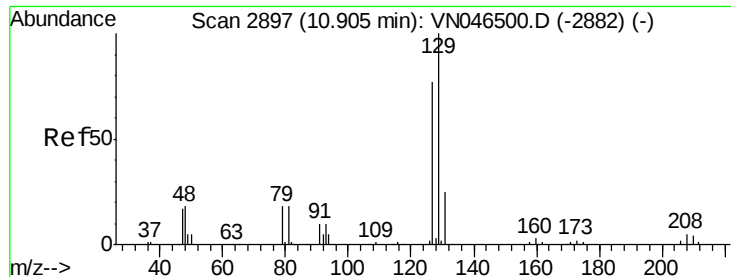
Tgt Ion: 76 Resp: 708008

Ion Ratio Lower Upper

76 100

78 31.8 0.0 63.6

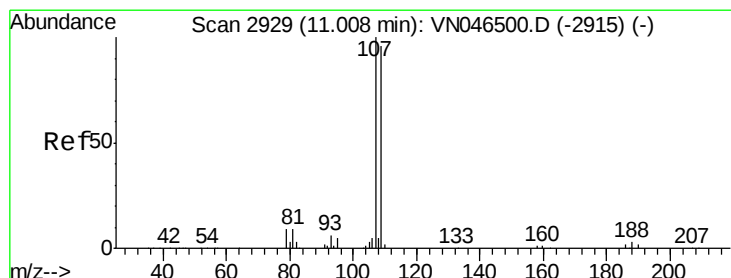
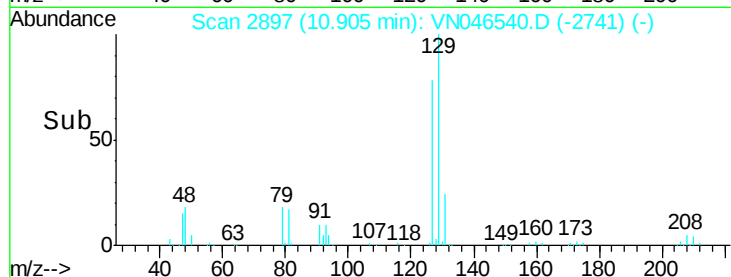
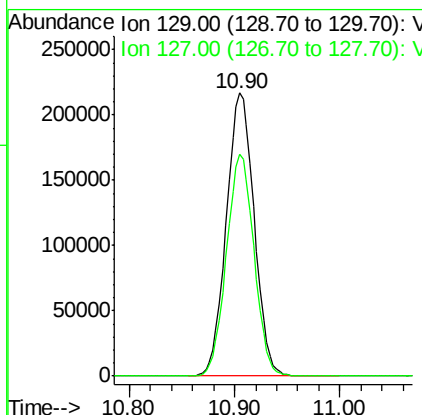
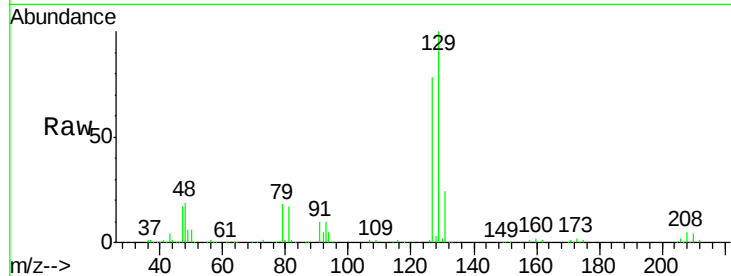




#53
Dibromochloromethane
Concen: 150.89 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

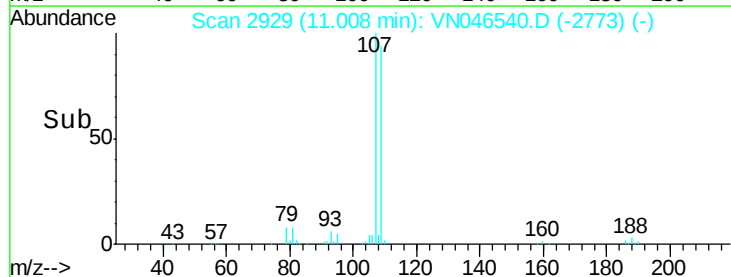
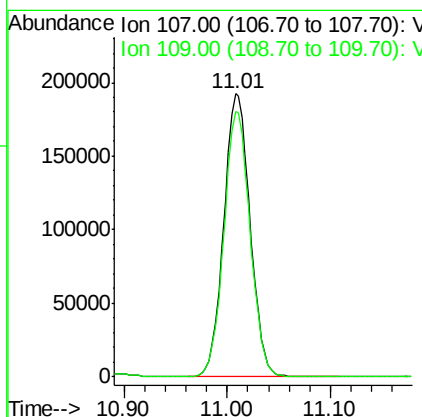
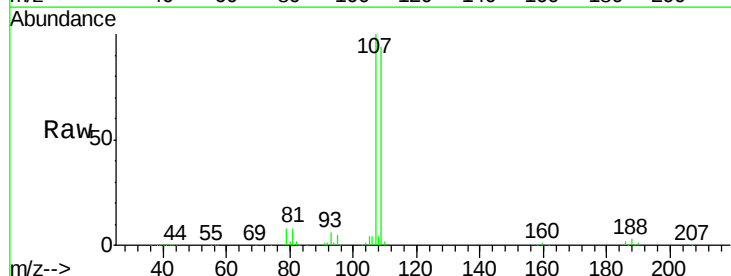
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

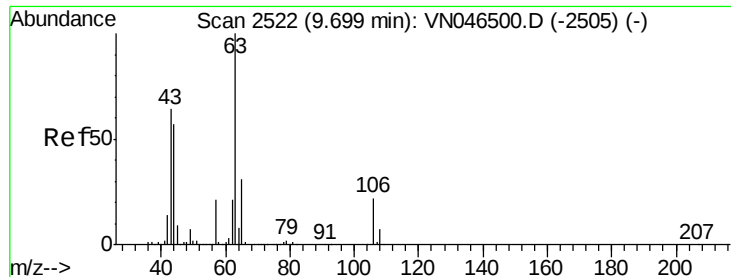
Tgt Ion:129 Resp: 395377
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0



#54
1,2-Dibromoethane
Concen: 139.39 ug/l
RT: 11.01 min Scan# 2929
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion:107 Resp: 341953
Ion Ratio Lower Upper
107 100
109 93.8 74.7 112.1

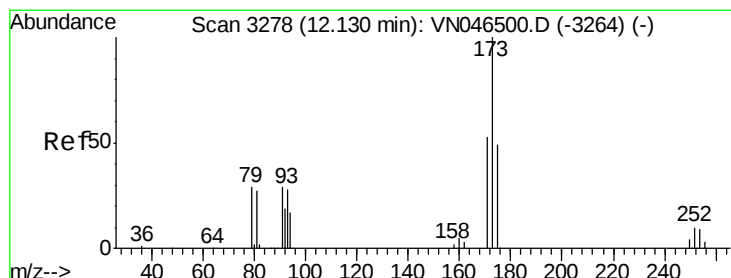
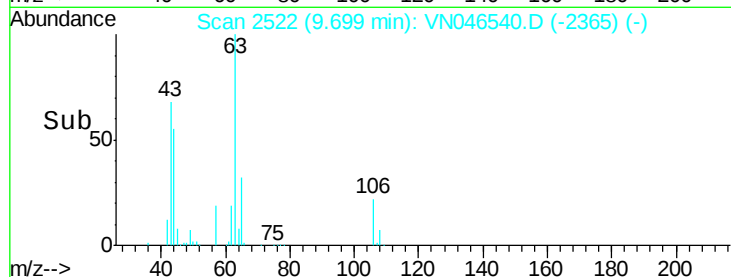
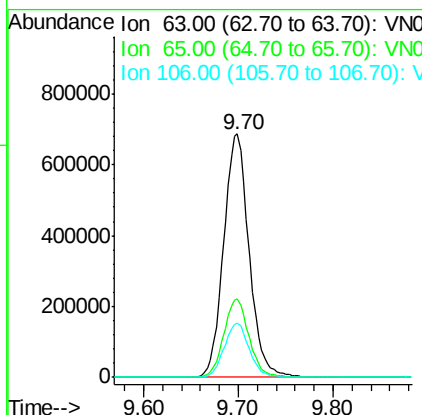
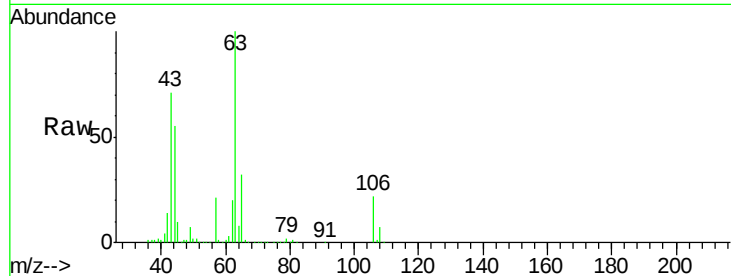




#55
 2-Chloroethyl vinyl ether
 Concen: 709.44 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

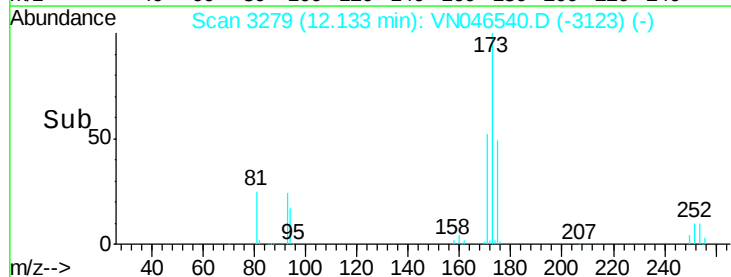
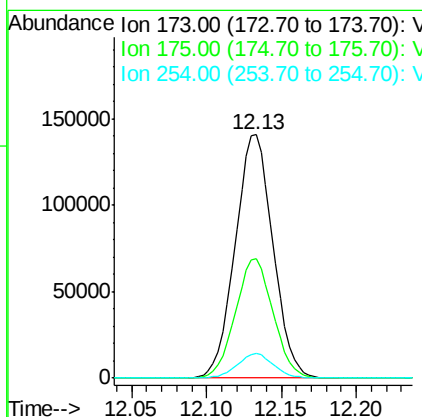
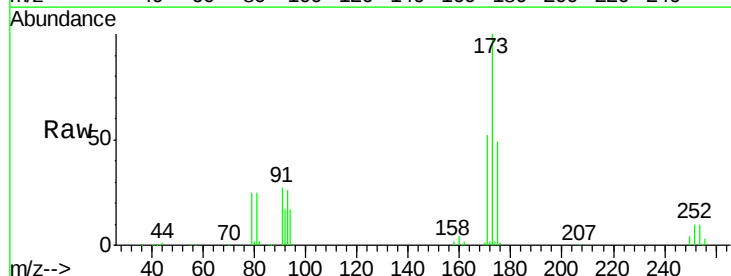
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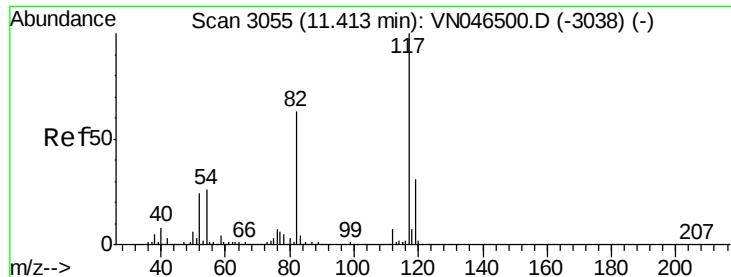
Tgt Ion: 63 Resp: 1283129
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5
 106 22.0 17.7 26.5



#56
 Bromoform
 Concen: 163.25 ug/l
 RT: 12.13 min Scan# 3279
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion: 173 Resp: 247633
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.5 57.7
 254 9.8 7.3 10.9

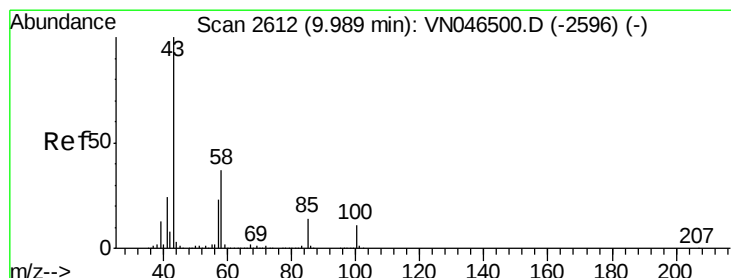
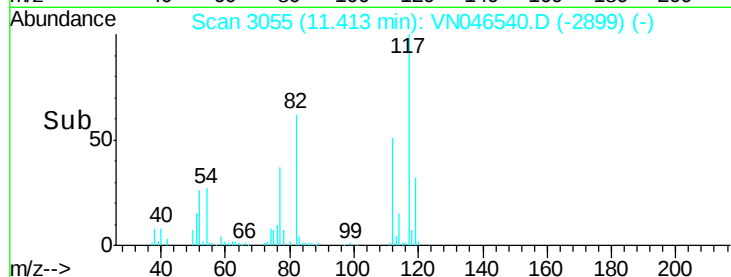
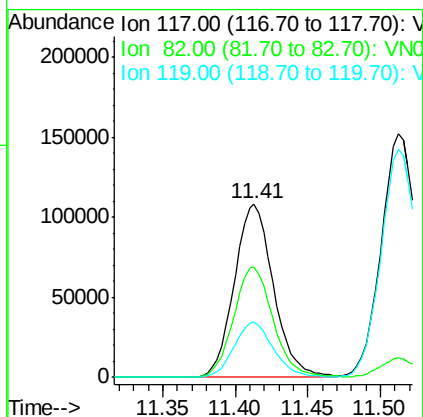
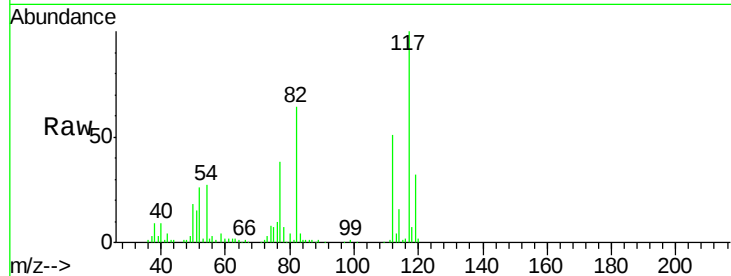




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

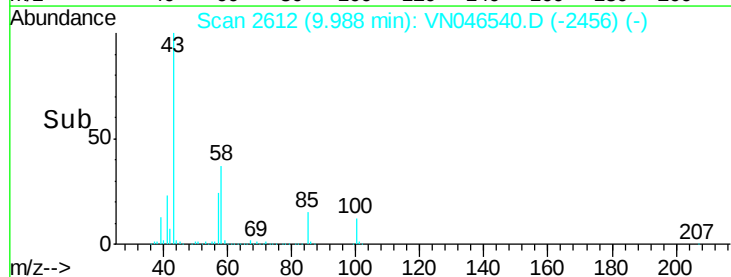
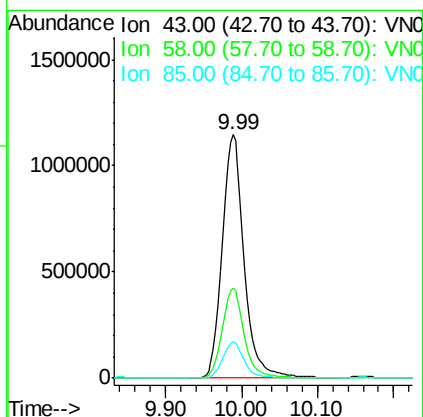
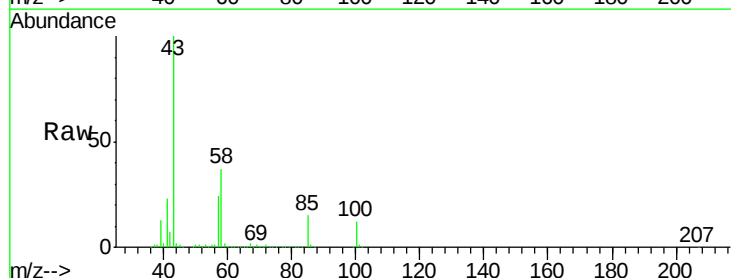
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

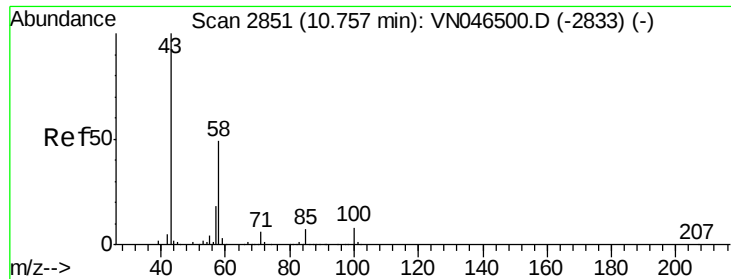
Tgt Ion: 117 Resp: 202856
Ion Ratio Lower Upper
117 100
82 64.1 51.5 77.3
119 32.0 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 813.13 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 43 Resp: 2296545
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.2
85 14.7 11.5 17.3

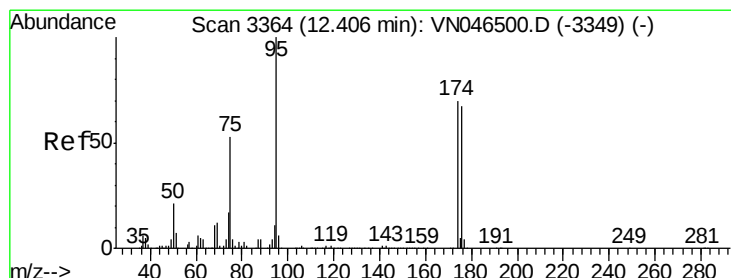
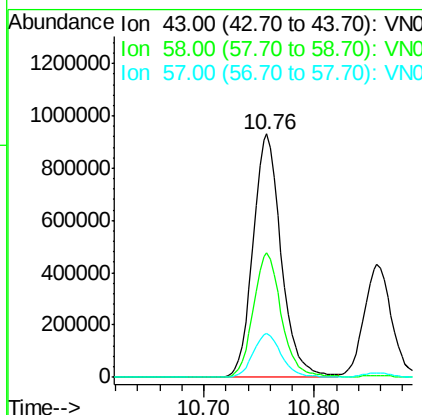
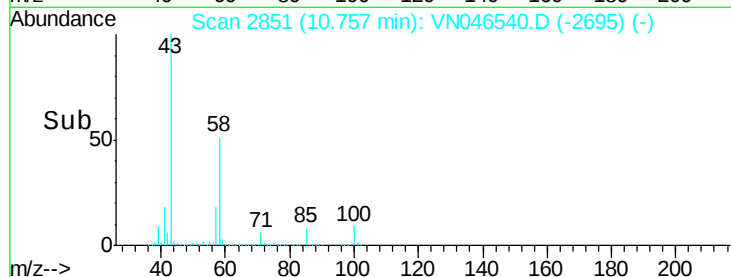
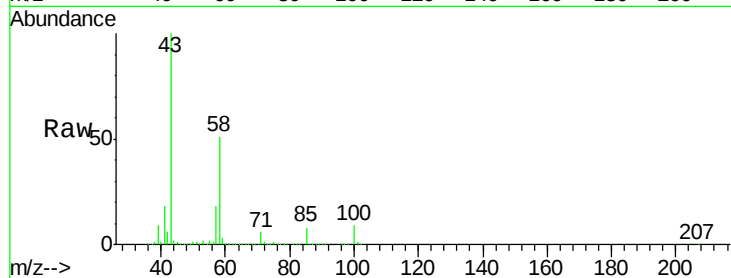




#59
2-Hexanone
Concen: 820.07 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

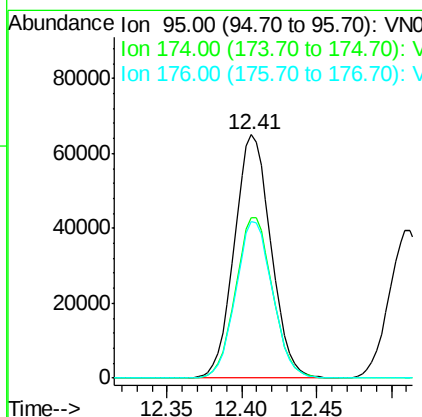
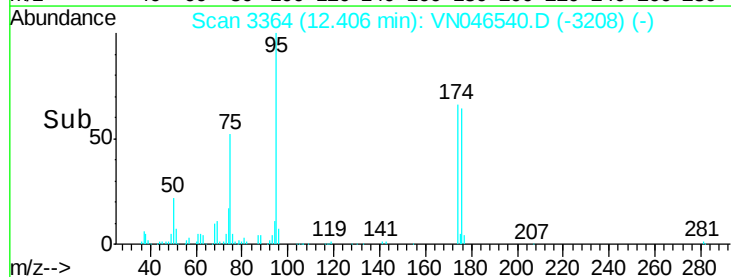
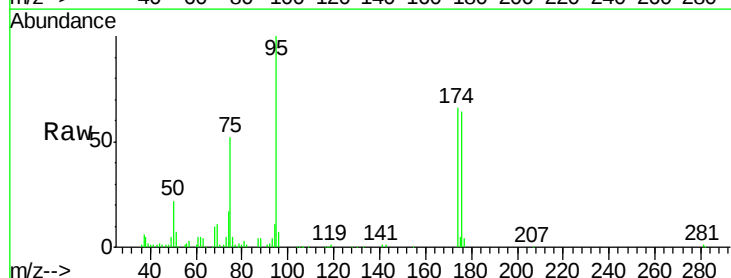
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

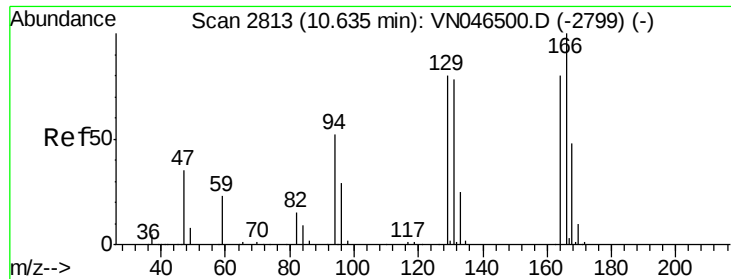
Tgt Ion: 43 Resp: 1641358
Ion Ratio Lower Upper
43 100
58 51.3 41.4 62.0
57 18.3 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 32.16 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 95 Resp: 110865
Ion Ratio Lower Upper
95 100
174 66.3 52.5 78.7
176 64.6 50.6 75.8

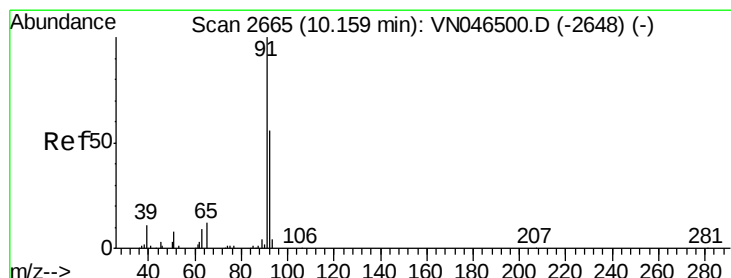
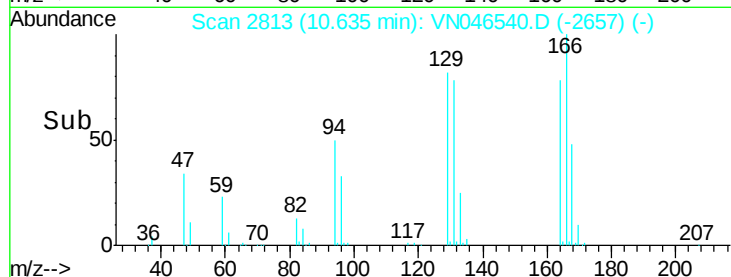
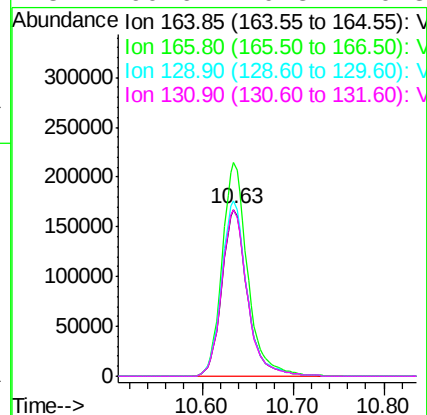
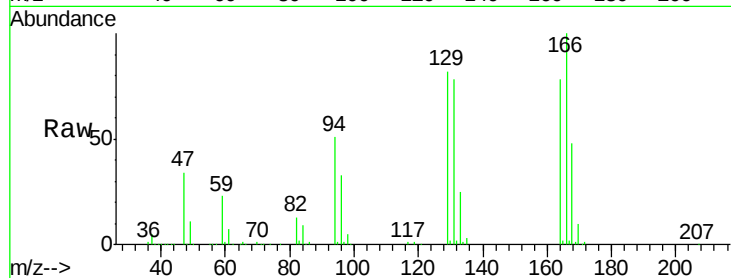




#61
Tetrachloroethene
Concen: 144.72 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

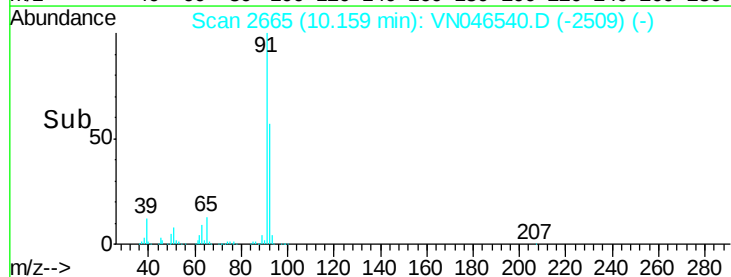
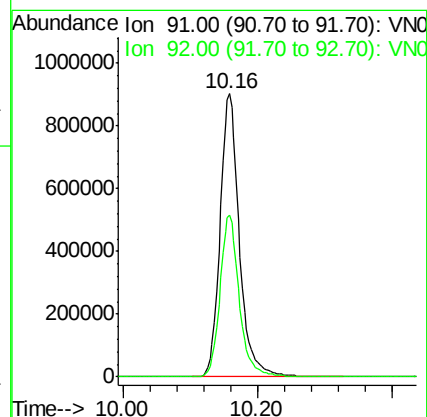
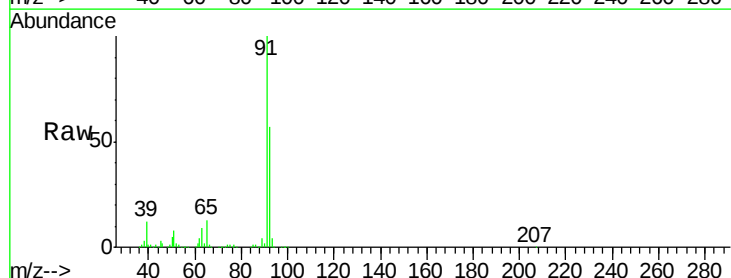
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

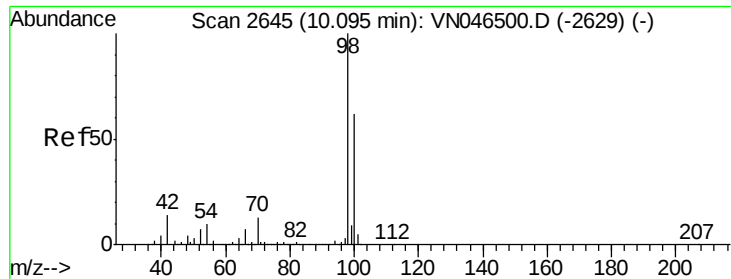
Tgt Ion:164 Resp: 328445
Ion Ratio Lower Upper
164 100
166 127.9 101.6 152.4
129 105.2 83.8 125.6
131 99.6 79.8 119.8



#62
Toluene
Concen: 141.36 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 91 Resp: 1799918
Ion Ratio Lower Upper
91 100
92 57.1 45.6 68.4





#63

Toluene-d8

Concen: 28.75 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

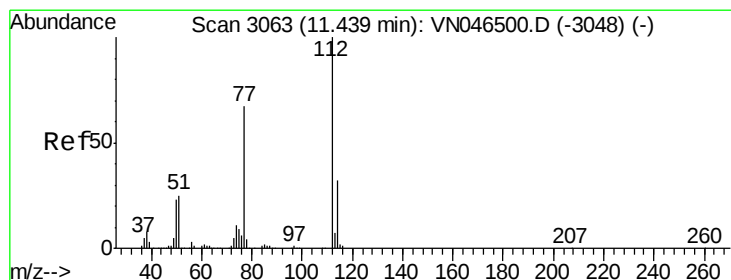
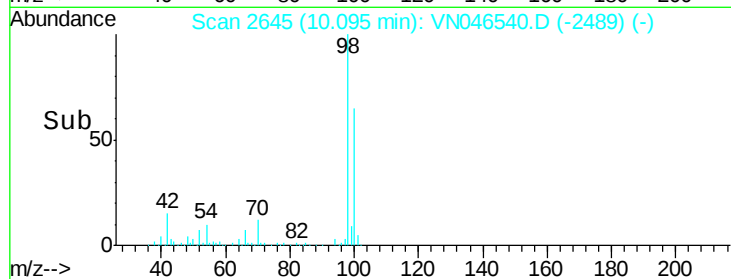
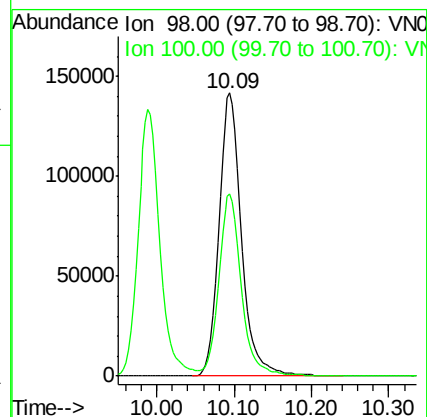
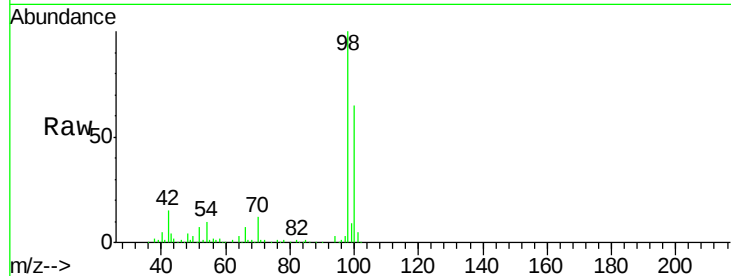
VSTDIC150

Tgt Ion: 98 Resp: 290903

Ion Ratio Lower Upper

98 100

100 64.5 50.8 76.2



#64

Chlorobenzene

Concen: 146.39 ug/l

RT: 11.44 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN046540.D

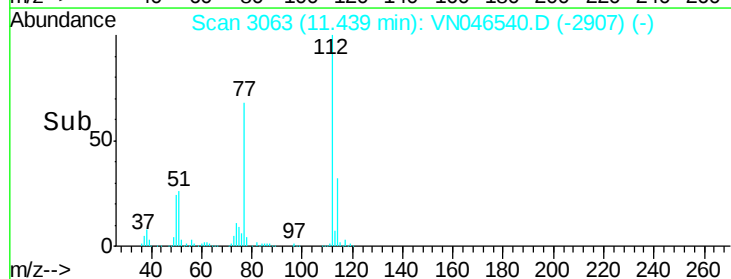
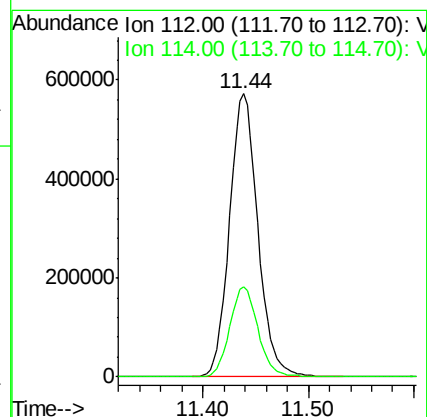
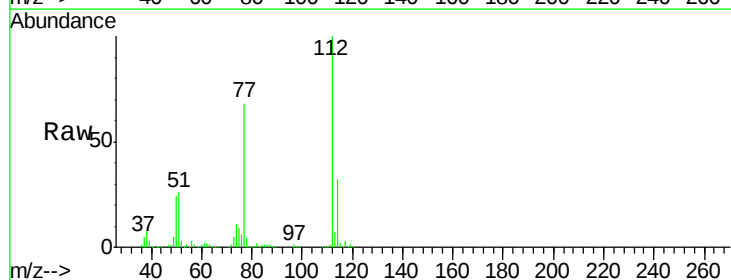
Acq: 24 Jan 2018 12:00

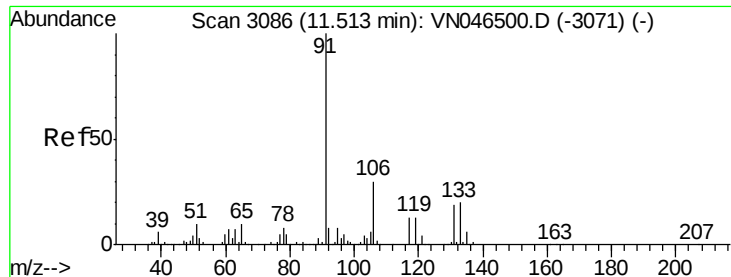
Tgt Ion: 112 Resp: 1062611

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 147.69 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

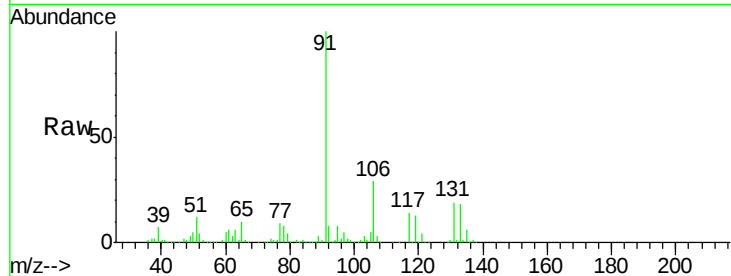
Tgt Ion:131 Resp: 361939

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.6

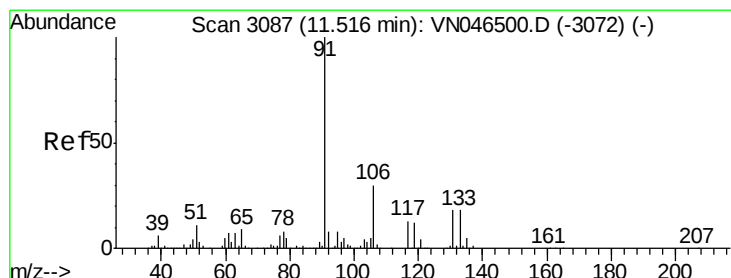
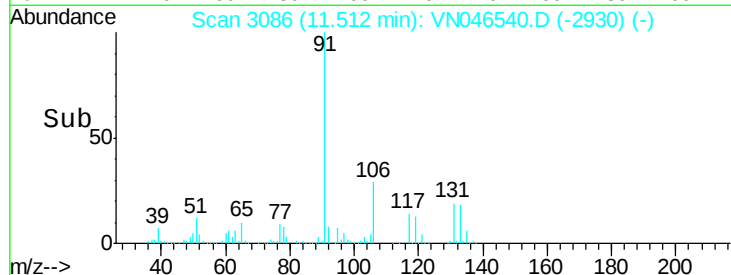
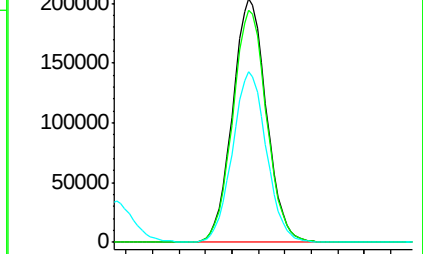
119 70.2 0.0 141.2



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: 157.60 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VN046540.D

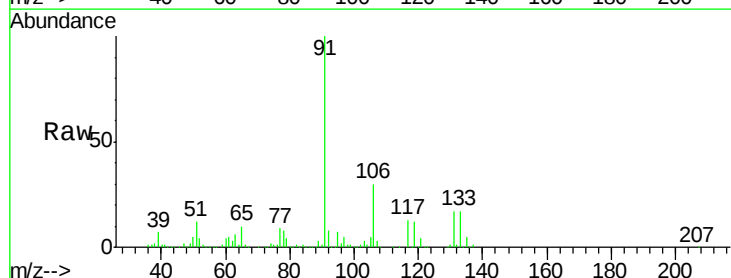
Acq: 24 Jan 2018 12:00

Tgt Ion: 91 Resp: 1985630

Ion Ratio Lower Upper

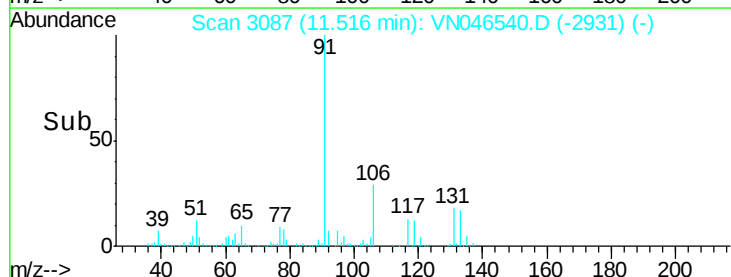
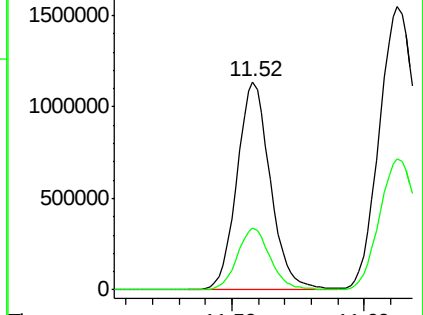
91 100

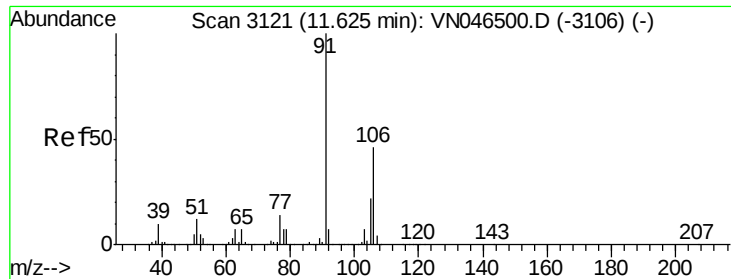
106 29.6 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V

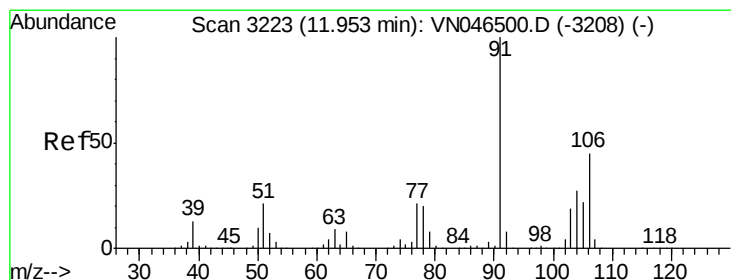
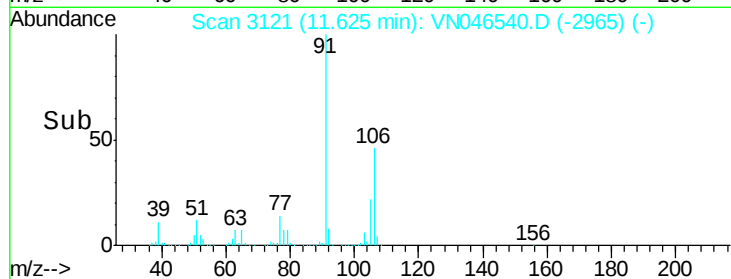
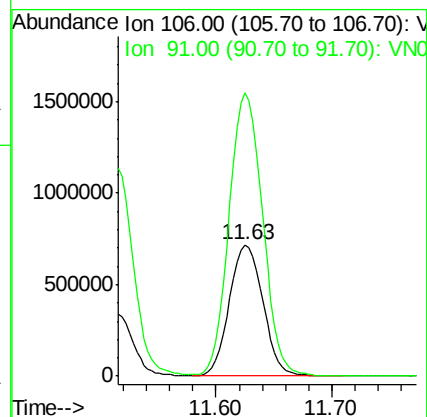
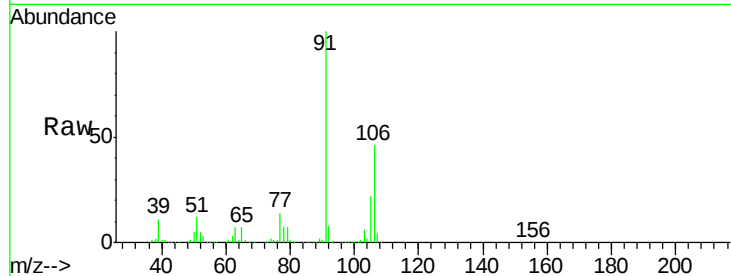




#67
m/p-Xylenes
Concen: 312.85 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

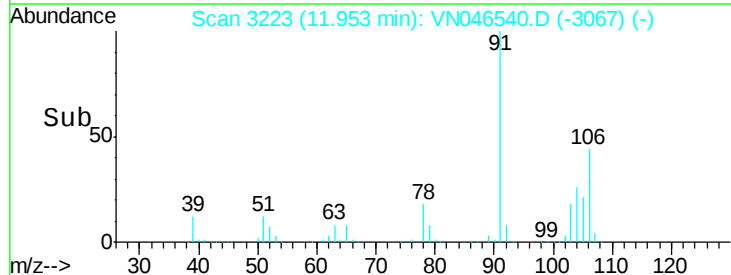
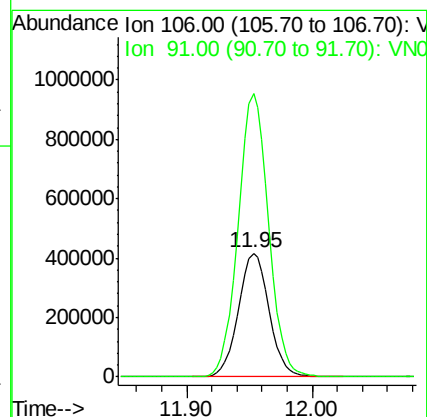
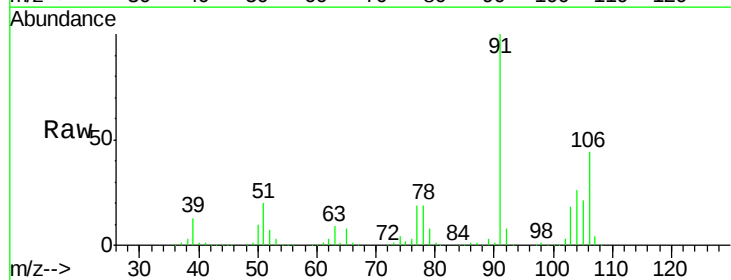
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

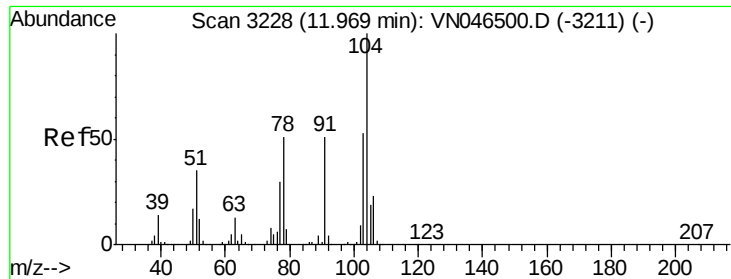
Tgt Ion:106 Resp: 1449635
Ion Ratio Lower Upper
106 100
91 215.3 173.8 260.8



#68
o-Xylene
Concen: 159.19 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion:106 Resp: 705144
Ion Ratio Lower Upper
106 100
91 227.8 115.7 346.9





#69

Styrene

Concen: 167.87 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

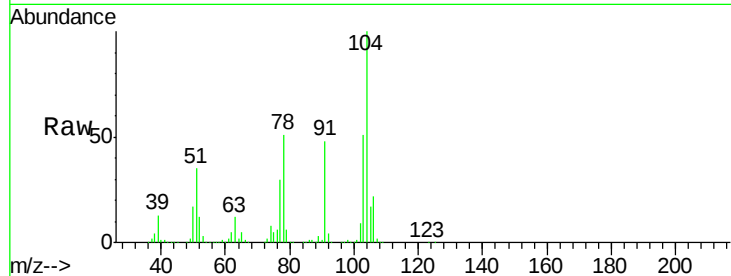
Tgt Ion:104 Resp: 1191024

Ion Ratio Lower Upper

104 100

78 56.0 45.5 68.3

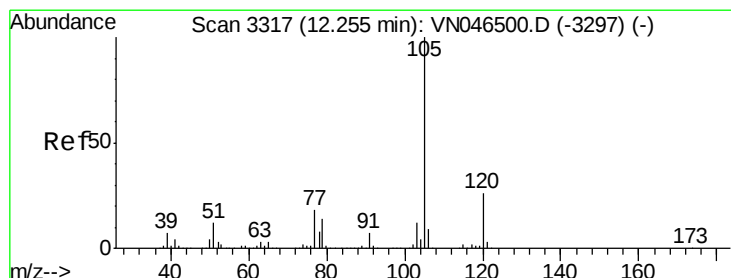
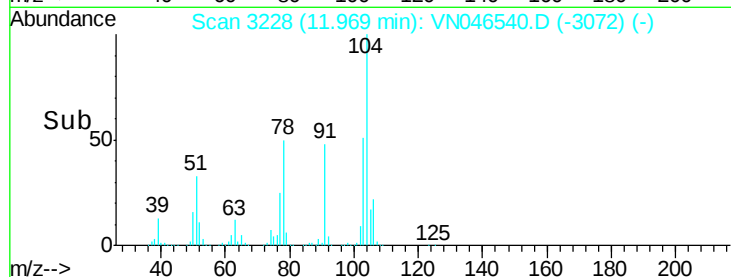
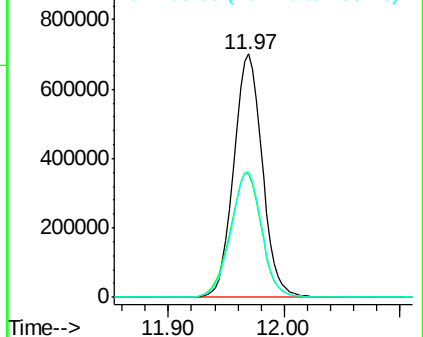
103 55.8 45.0 67.4



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



#70

Isopropylbenzene

Concen: 157.77 ug/l

RT: 12.26 min Scan# 3317

Delta R.T. 0.00 min

Lab File: VN046540.D

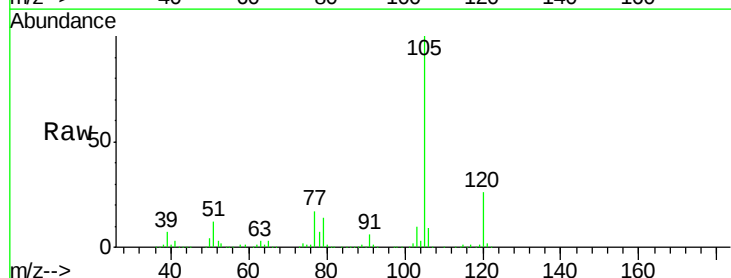
Acq: 24 Jan 2018 12:00

Tgt Ion:105 Resp: 1843046

Ion Ratio Lower Upper

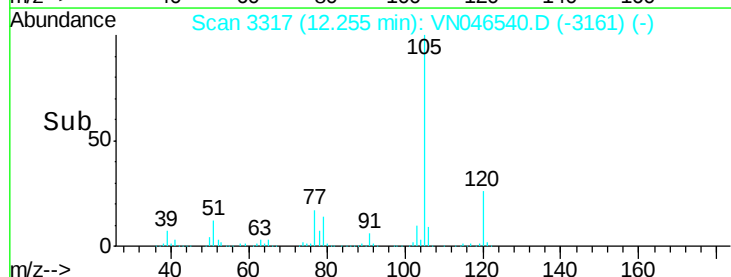
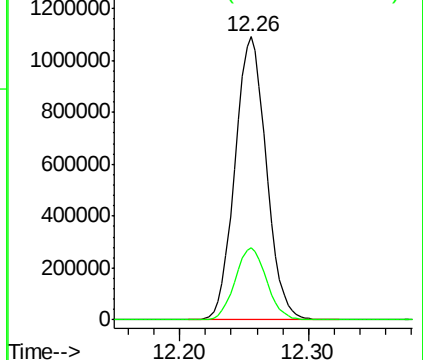
105 100

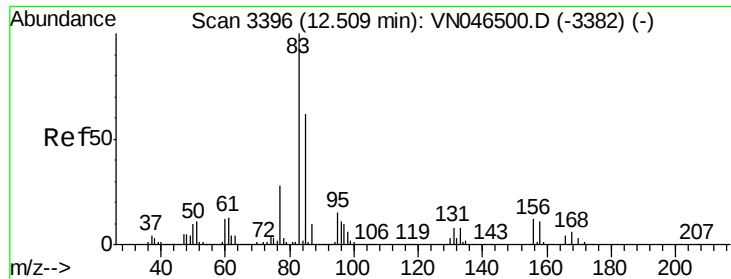
120 25.6 17.8 33.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 142.60 ug/l

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

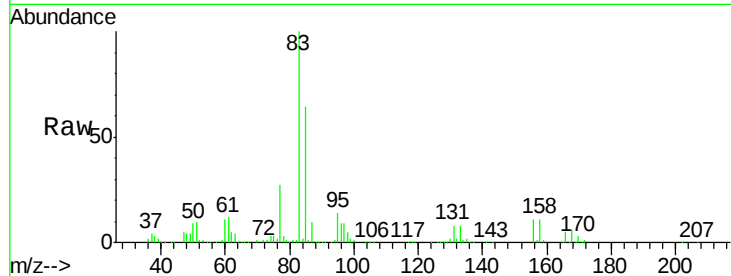
Tgt Ion: 83 Resp: 484083

Ion Ratio Lower Upper

83 100

131 8.6 4.5 13.5

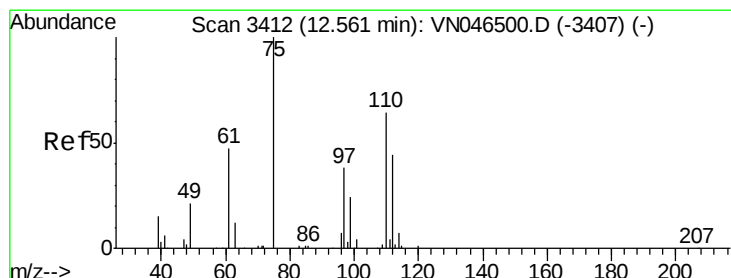
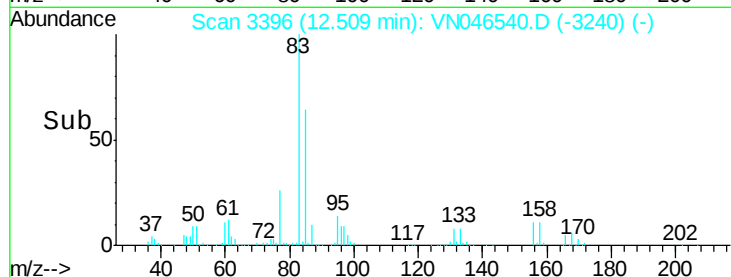
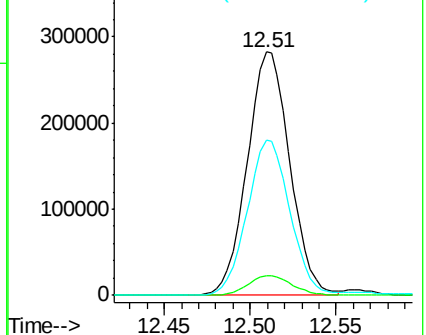
85 63.9 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VN046540.D (-3240) (-)

Ion 131.00 (130.70 to 131.70): VN046540.D (-3240) (-)

Ion 85.00 (84.70 to 85.70): VN046540.D (-3240) (-)



#72

1,2,3-Trichloropropane

Concen: 229.76 ug/l

RT: 12.56 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN046540.D

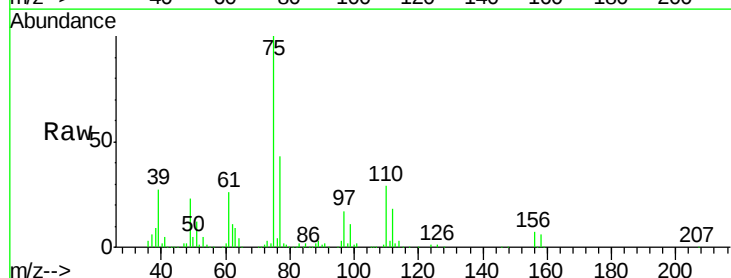
Acq: 24 Jan 2018 12:00

Tgt Ion: 75 Resp: 638772

Ion Ratio Lower Upper

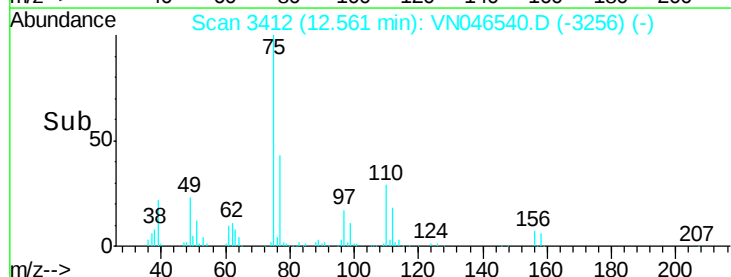
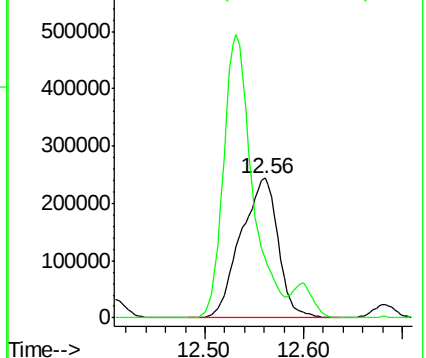
75 100

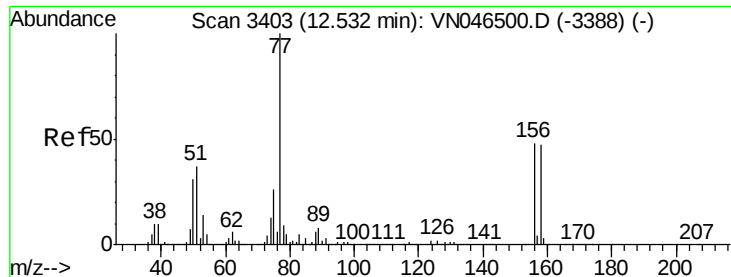
77 158.8 0.0 479.2



Abundance Ion 75.00 (74.70 to 75.70): VN046540.D (-3256) (-)

Ion 77.00 (76.70 to 77.70): VN046540.D (-3256) (-)





#73

Bromobenzene

Concen: 146.86 ug/l

RT: 12.53 min Scan# 3403

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

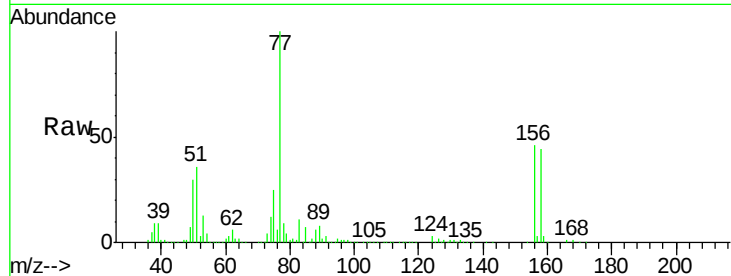
Tgt Ion:156 Resp: 400570

Ion Ratio Lower Upper

156 100

77 253.3 0.0 516.8

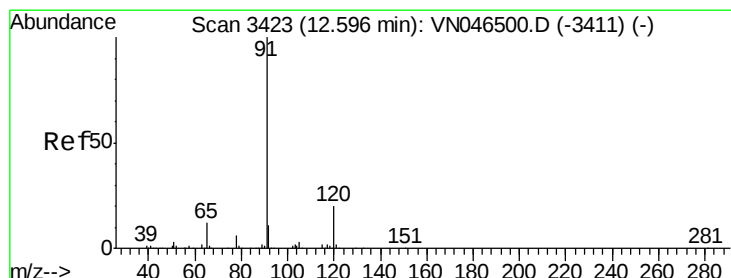
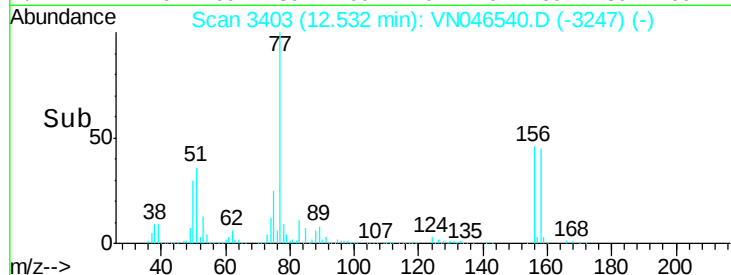
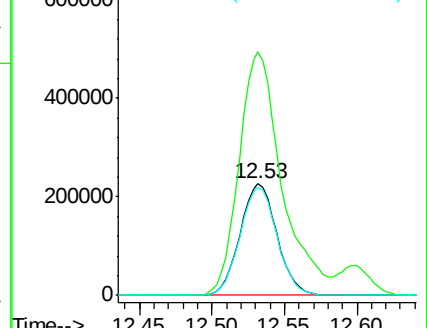
158 97.3 0.0 195.0



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: 156.26 ug/l

RT: 12.60 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN046540.D

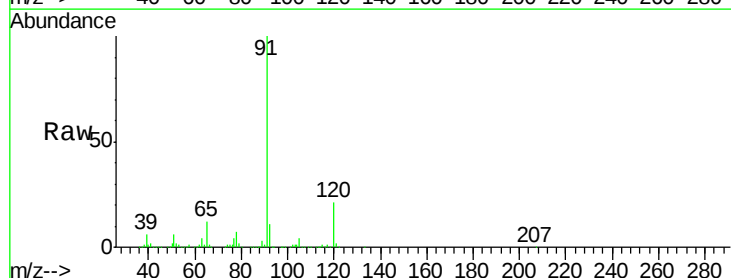
Acq: 24 Jan 2018 12:00

Tgt Ion: 91 Resp: 2342681

Ion Ratio Lower Upper

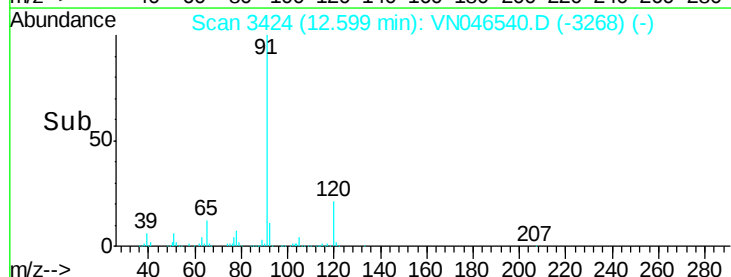
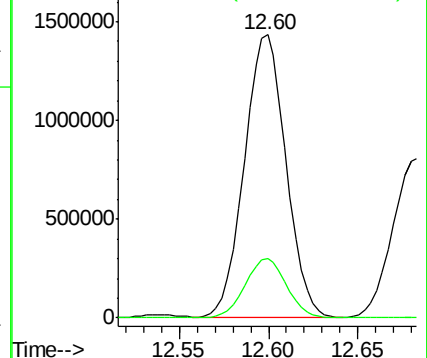
91 100

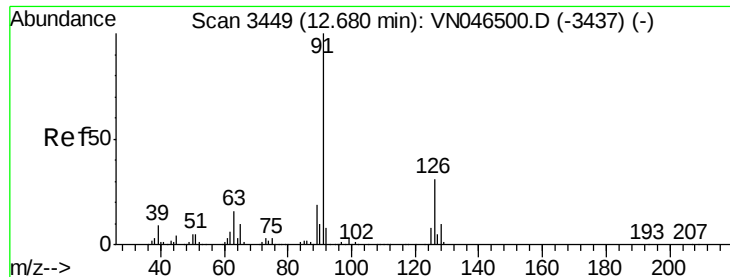
120 20.8 0.0 40.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 152.85 ug/l

RT: 12.68 min Scan# 3450

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

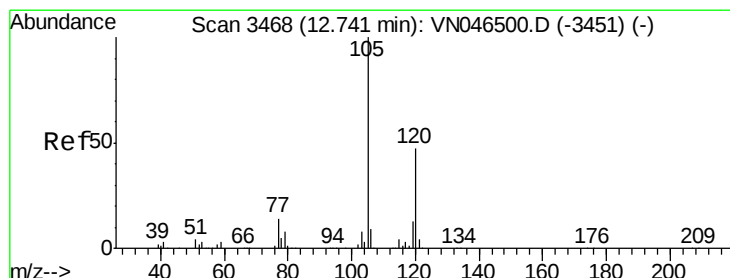
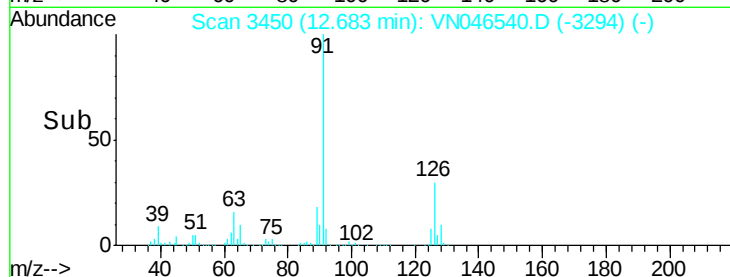
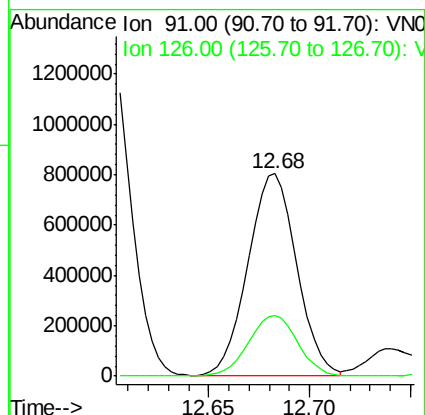
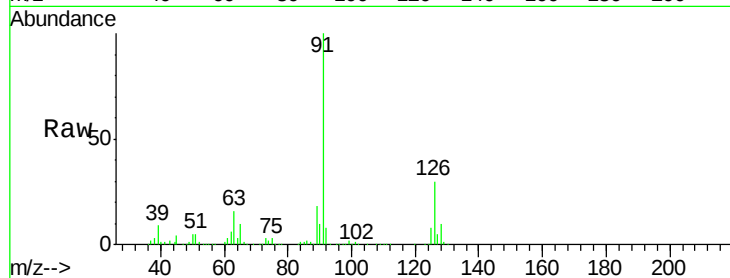
VSTDIC150

Tgt Ion: 91 Resp: 1362957

Ion Ratio Lower Upper

91 100

126 30.2 0.0 60.2



#76

1,3,5-Trimethylbenzene

Concen: 160.28 ug/l

RT: 12.74 min Scan# 3468

Delta R.T. 0.00 min

Lab File: VN046540.D

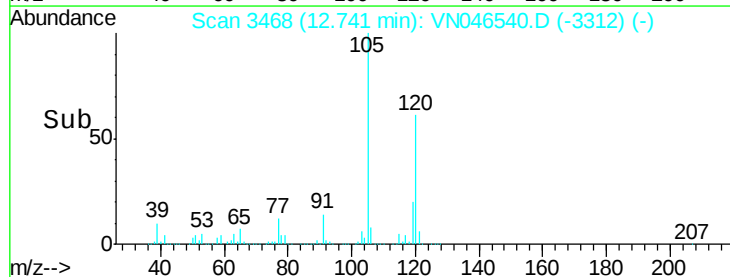
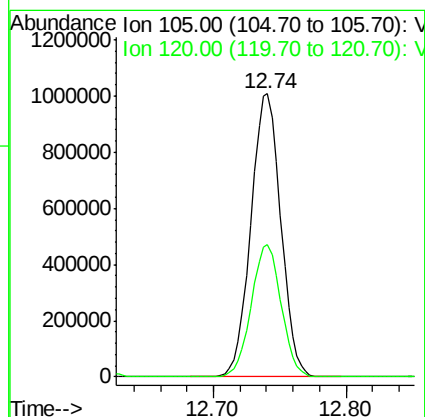
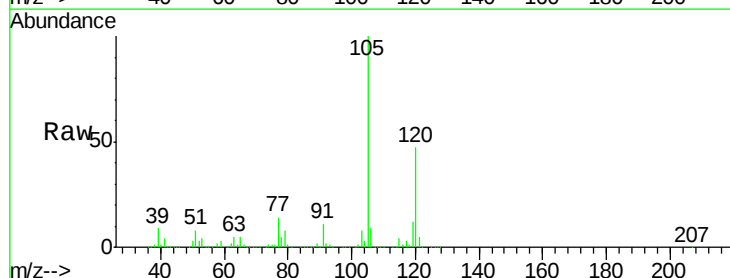
Acq: 24 Jan 2018 12:00

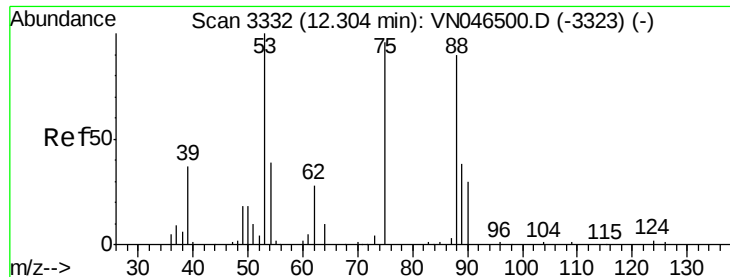
Tgt Ion: 105 Resp: 1581514

Ion Ratio Lower Upper

105 100

120 46.5 0.0 93.4



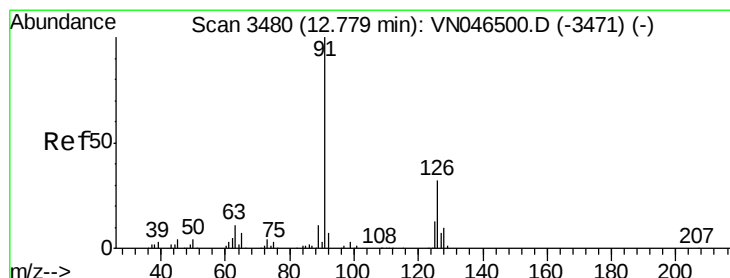
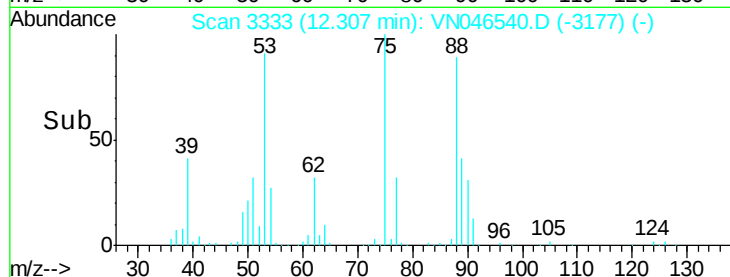
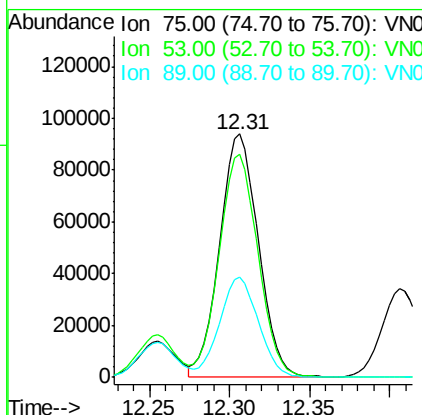
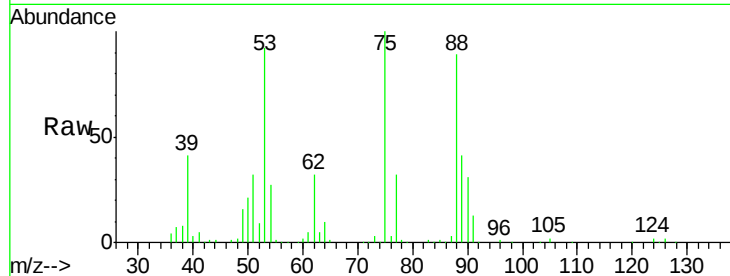


#77
t-1,4-Dichloro-2-butene
Concen: 163.84 ug/l
RT: 12.31 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 156116

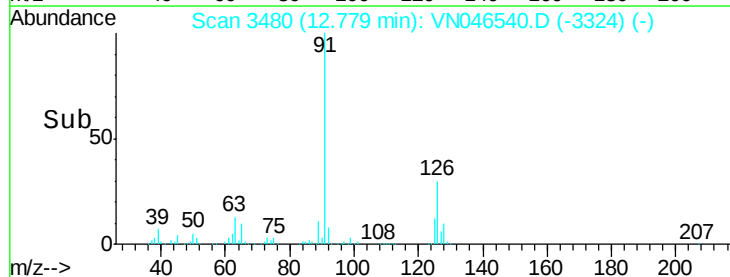
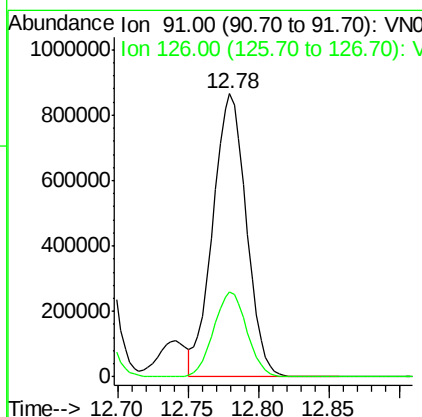
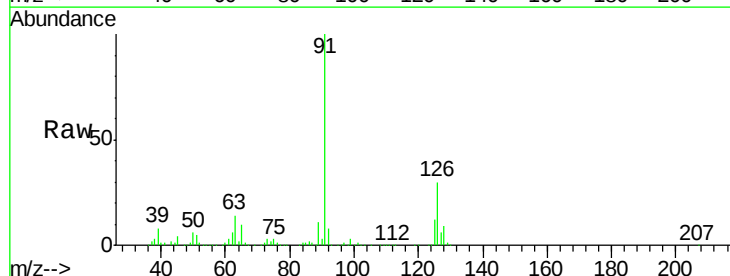
Ion	Ratio	Lower	Upper
75	100		
53	91.8	46.8	140.3
89	41.3	20.2	60.5

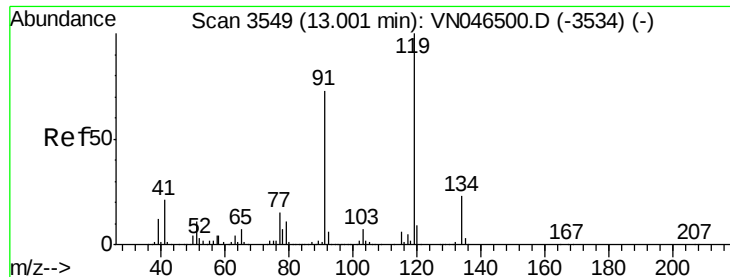


#78
4-Chlorotoluene
Concen: 156.88 ug/l
RT: 12.78 min Scan# 3480
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion: 91 Resp: 1423949

Ion	Ratio	Lower	Upper
91	100		
126	30.0	0.0	58.8





#79

tert-butylbenzene

Concen: 159.56 ug/l

RT: 13.00 min Scan# 3549

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

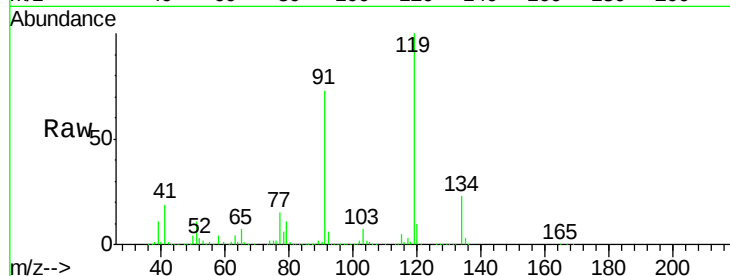
Tgt Ion:119 Resp: 1302442

Ion Ratio Lower Upper

119 100

91 72.0 0.0 143.4

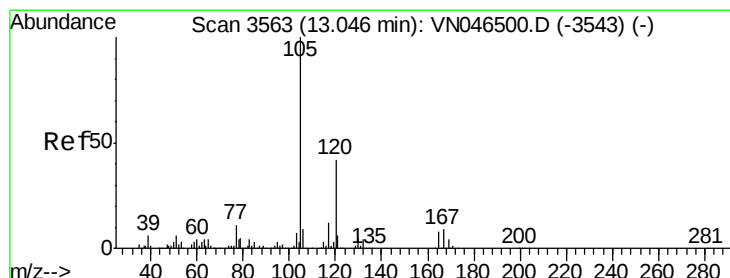
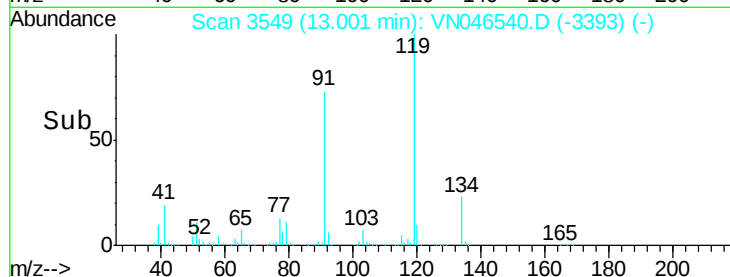
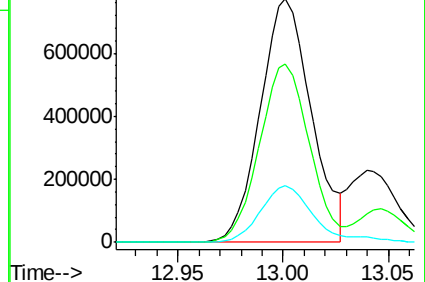
134 24.4 0.0 48.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 189.13 ug/l

RT: 13.18 min Scan# 3604

Delta R.T. 0.13 min

Lab File: VN046540.D

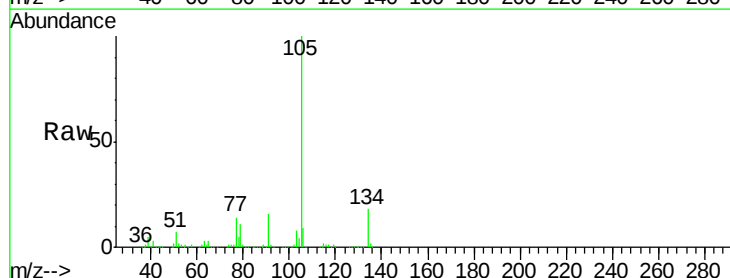
Acq: 24 Jan 2018 12:00

Tgt Ion:105 Resp: 1905545

Ion Ratio Lower Upper

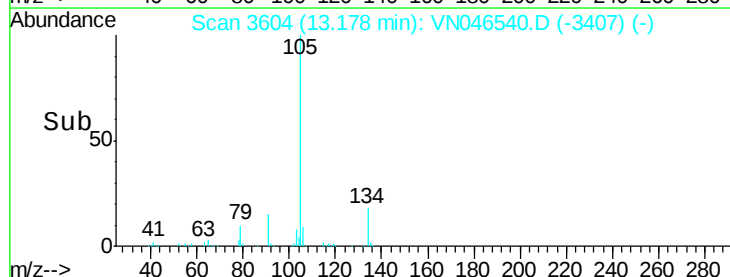
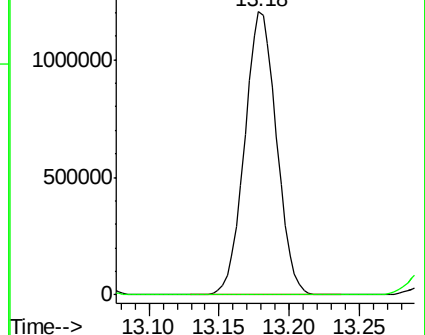
105 100

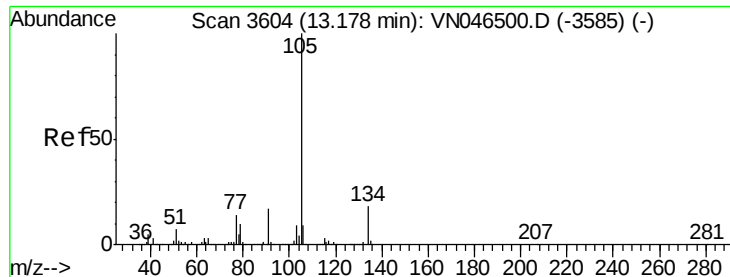
120 0.1 0.0 0.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

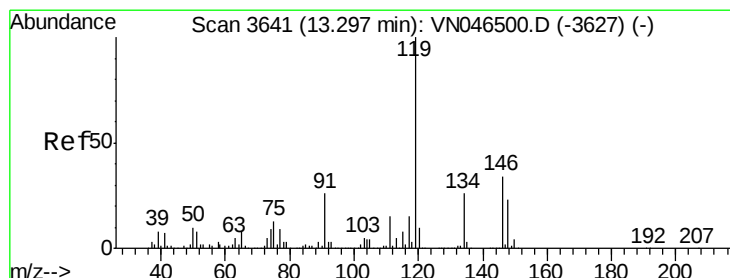
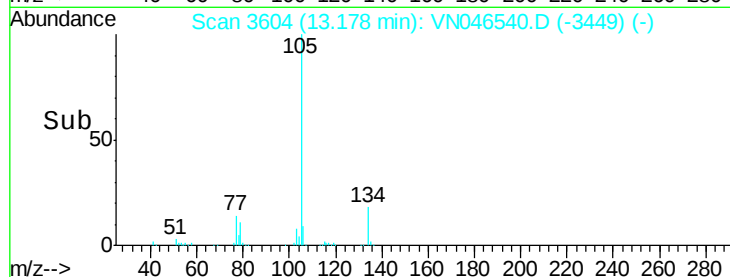
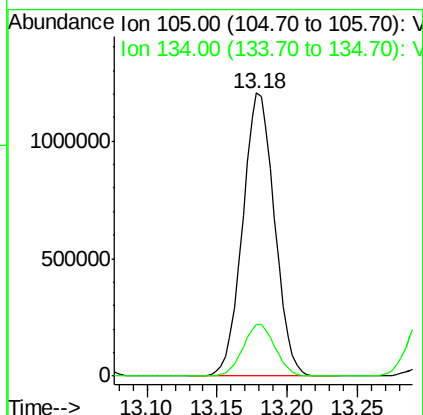
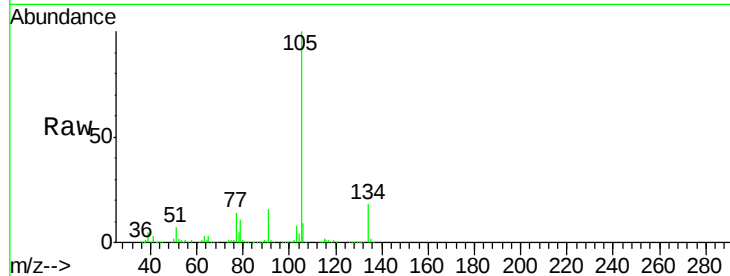




#81
 sec-Butylbenzene
 Concen: 157.78 ug/l
 RT: 13.18 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

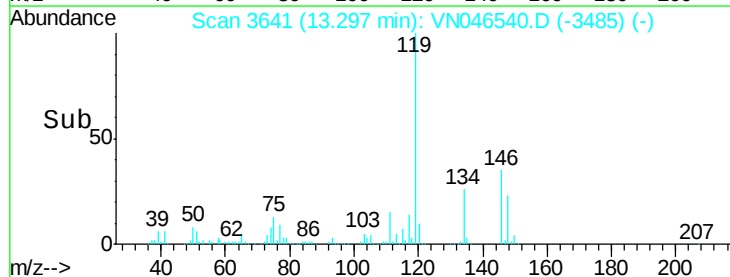
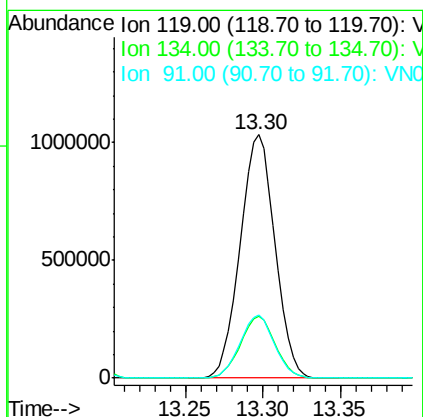
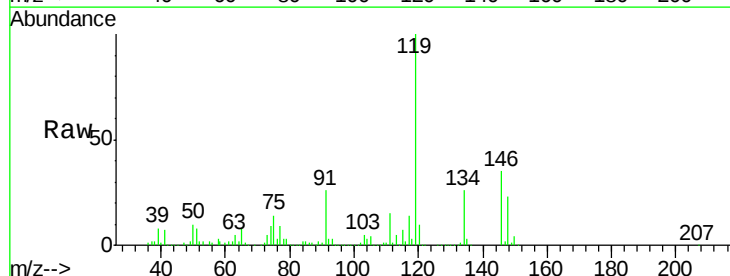
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

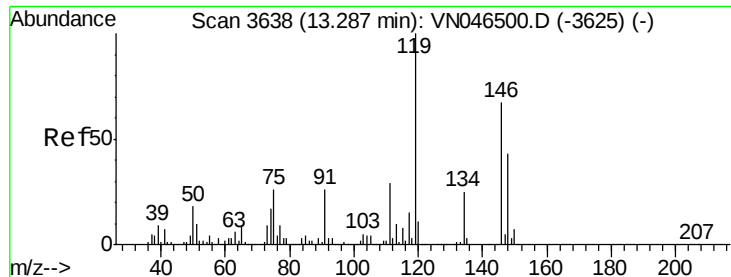
Tgt Ion:105 Resp: 1905545
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 36.6



#82
 p-Isopropyltoluene
 Concen: 164.07 ug/l
 RT: 13.30 min Scan# 3641
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion:119 Resp: 1616148
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 50.4
 91 25.7 0.0 51.4

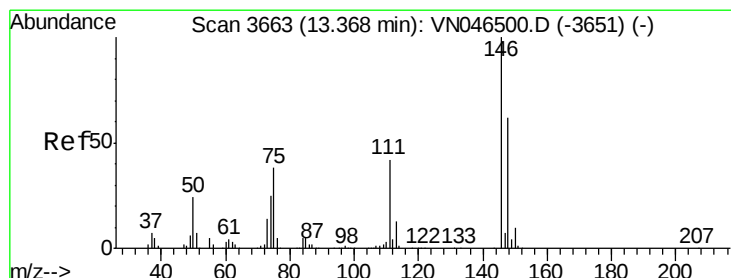
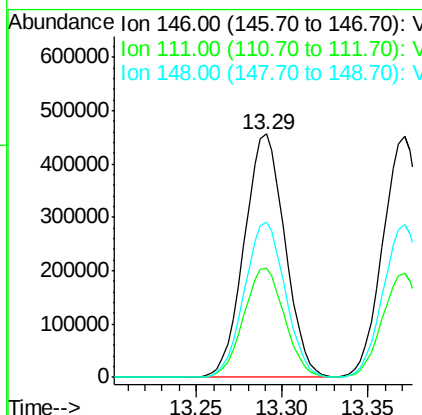
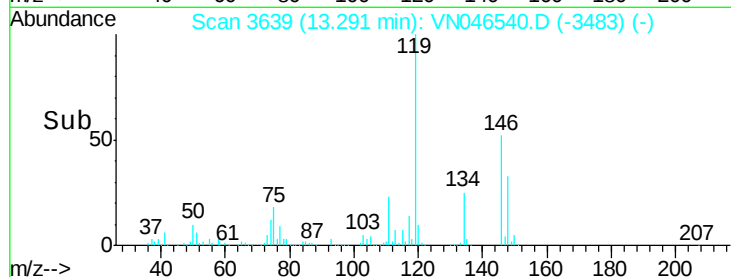
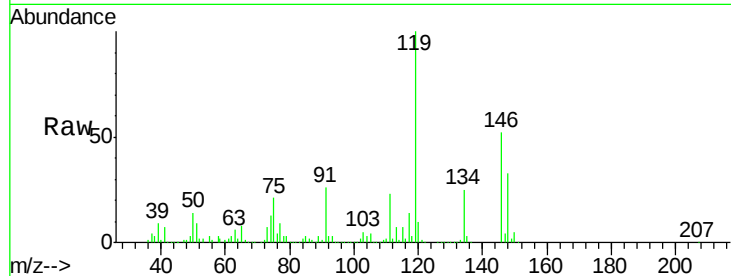




#83
 1,3-Dichlorobenzene
 Concen: 147.51 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

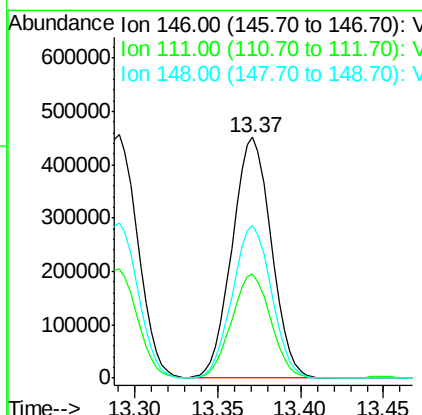
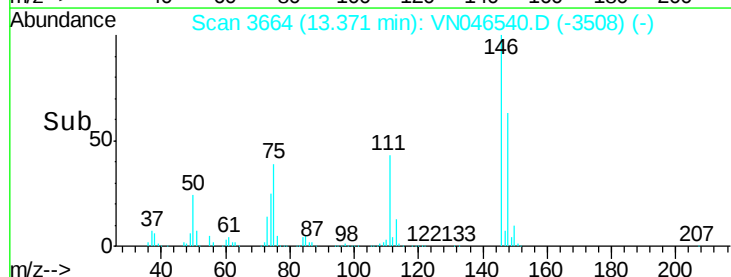
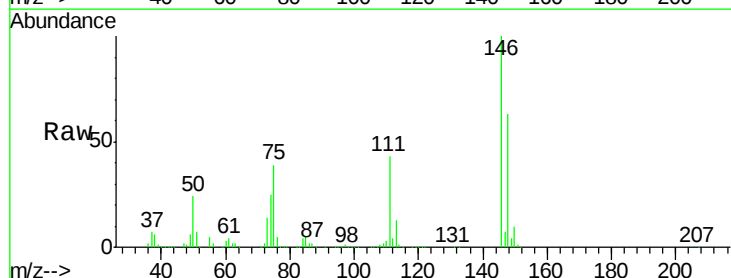
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

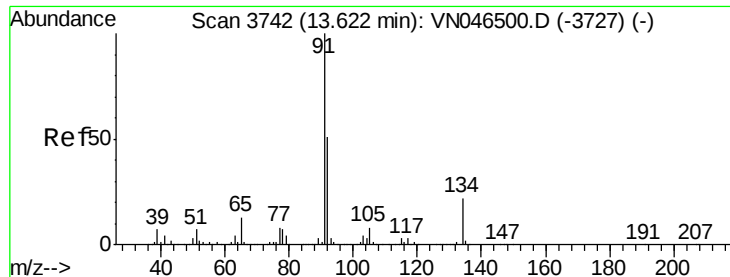
Tgt Ion:146 Resp: 749595
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.3 66.9
 148 63.9 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 148.78 ug/l
 RT: 13.37 min Scan# 3664
 Delta R.T. 0.00 min
 Lab File: VN046540.D
 Acq: 24 Jan 2018 12:00

Tgt Ion:146 Resp: 743081
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.8
 148 63.5 31.8 95.3





#85

n-Butylbenzene

Concen: 176.40 ug/l

RT: 13.62 min Scan# 3742

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

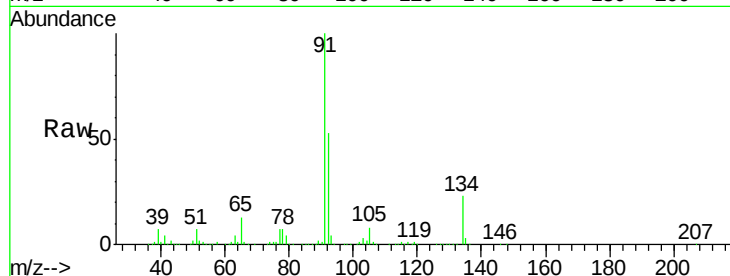
Tgt Ion: 91 Resp: 1658155

Ion Ratio Lower Upper

91 100

92 52.8 0.0 105.6

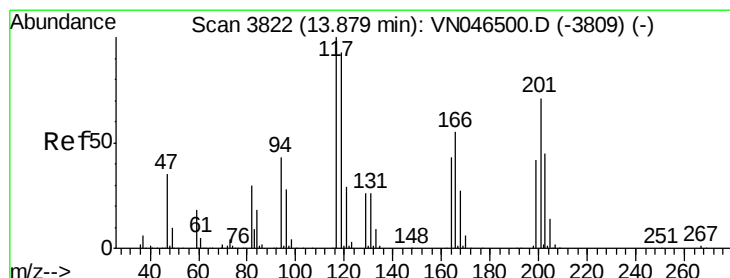
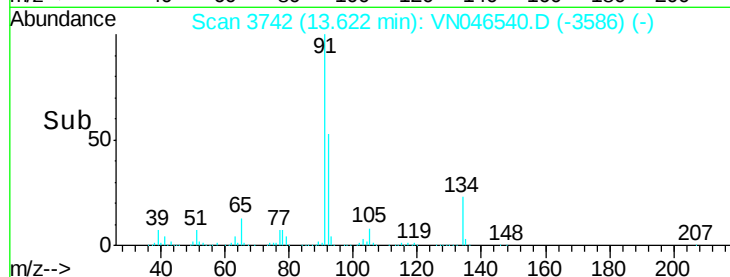
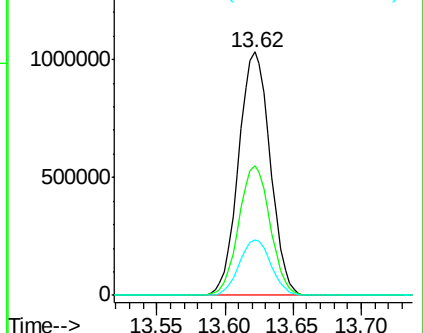
134 22.8 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN046540.D (-3586) (-)

Ion 92.00 (91.70 to 92.70): VN046540.D (-3586) (-)

Ion 134.00 (133.70 to 134.70): VN046540.D (-3586) (-)



#86

Hexachloroethane

Concen: 158.47 ug/l

RT: 13.88 min Scan# 3823

Delta R.T. 0.00 min

Lab File: VN046540.D

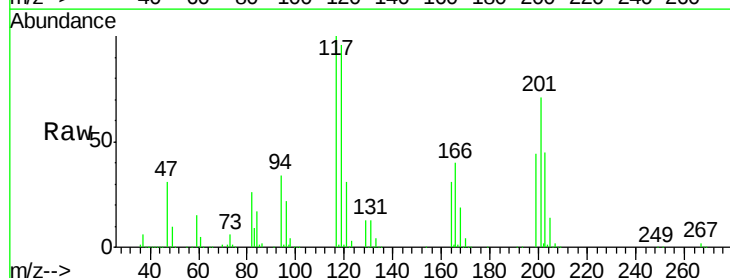
Acq: 24 Jan 2018 12:00

Tgt Ion: 117 Resp: 298748

Ion Ratio Lower Upper

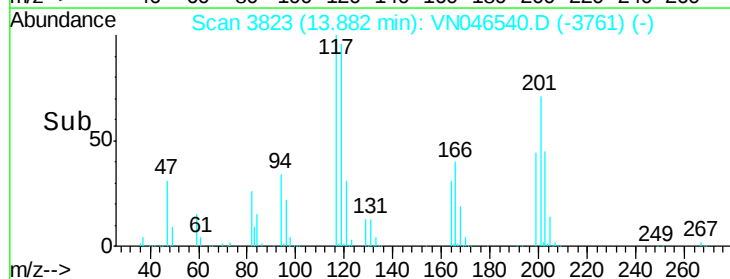
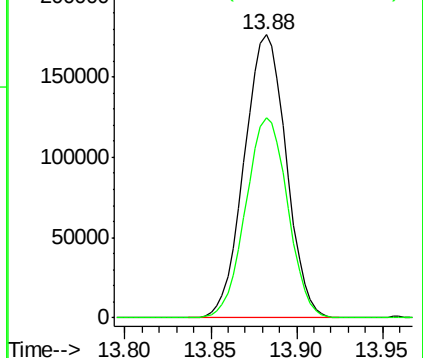
117 100

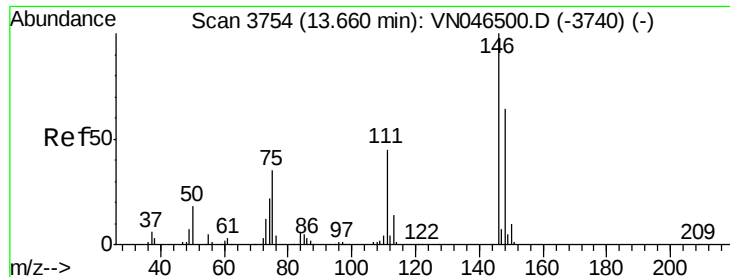
201 70.8 35.0 105.1



Abundance Ion 117.00 (116.70 to 117.70): VN046540.D (-3761) (-)

Ion 201.00 (200.70 to 201.70): VN046540.D (-3761) (-)





#87

1,2-Dichlorobenzene

Concen: 141.18 ug/l

RT: 13.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

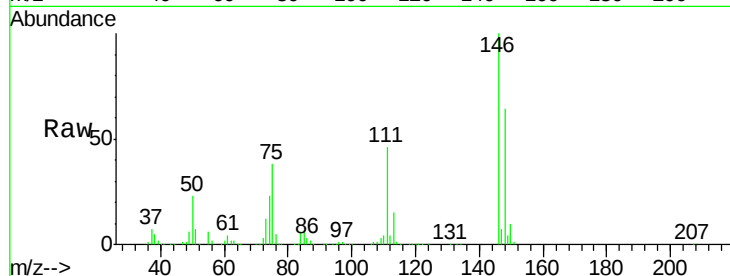
Tgt Ion:146 Resp: 706279

Ion Ratio Lower Upper

146 100

111 46.4 22.9 68.8

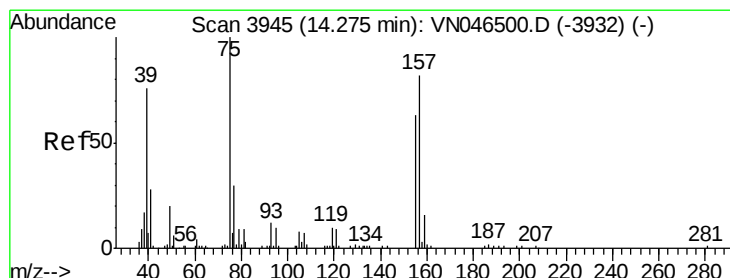
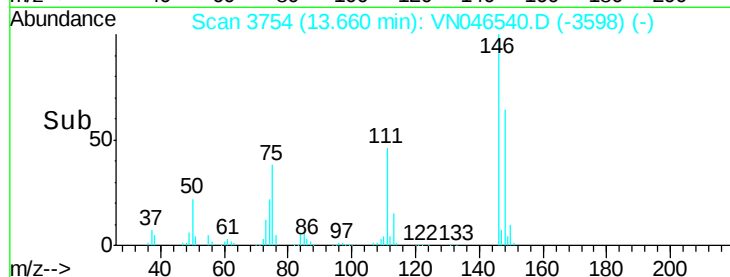
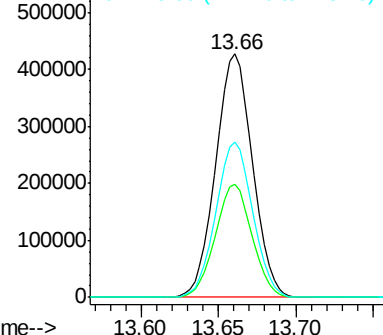
148 63.9 32.0 96.0



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: 159.61 ug/l

RT: 14.28 min Scan# 3946

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

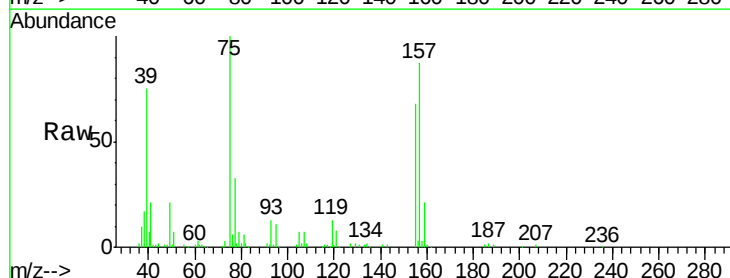
Tgt Ion: 75 Resp: 87111

Ion Ratio Lower Upper

75 100

155 67.3 52.6 79.0

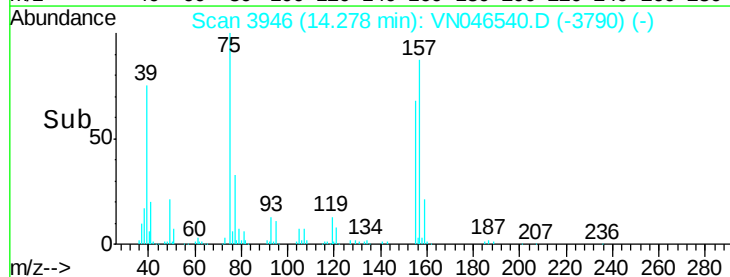
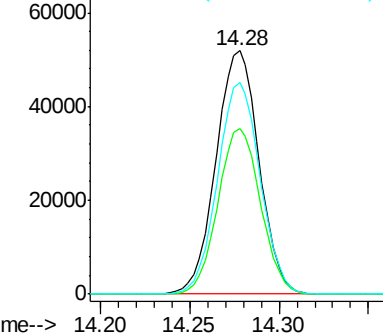
157 86.4 67.3 100.9

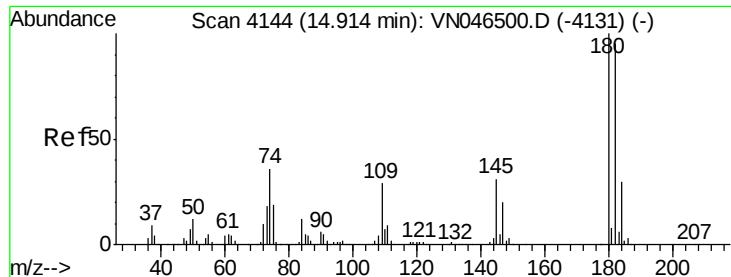


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#89

1,2,4-Trichlorobenzene

Concen: 169.01 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

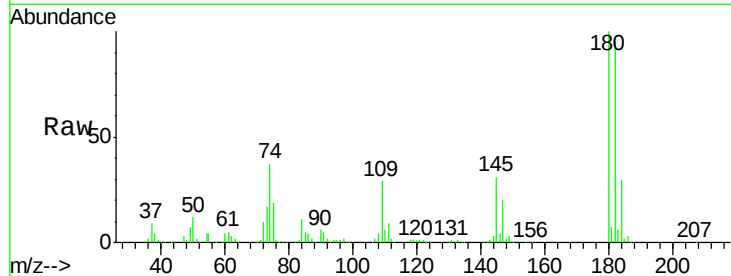
Tgt Ion:180 Resp: 474130

Ion Ratio Lower Upper

180 100

182 95.3 75.7 113.5

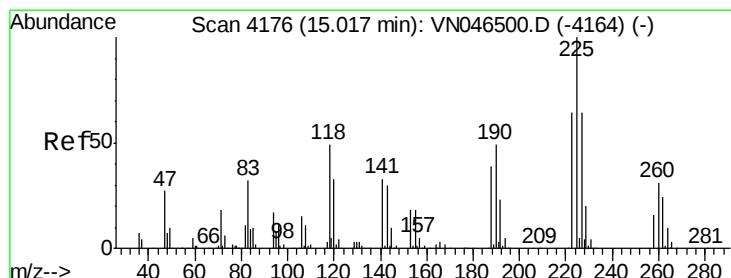
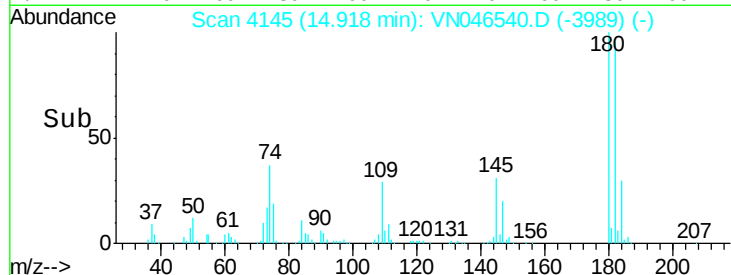
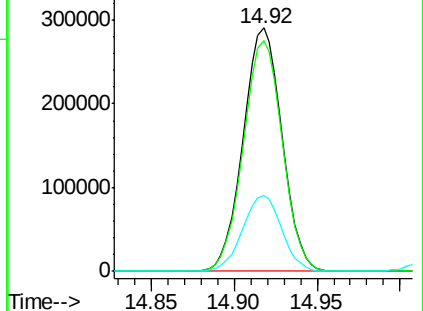
145 31.4 25.2 37.8



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



#90

Hexachlorobutadiene

Concen: 145.53 ug/l

RT: 15.02 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VN046540.D

Acq: 24 Jan 2018 12:00

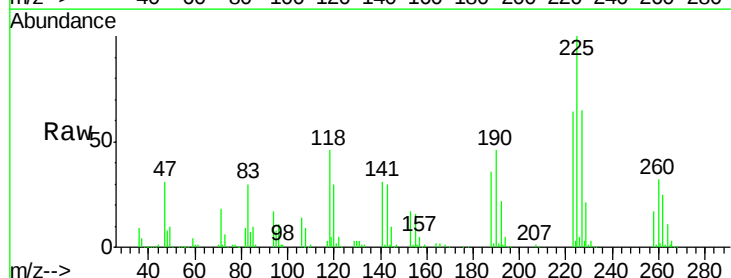
Tgt Ion:225 Resp: 221907

Ion Ratio Lower Upper

225 100

223 62.9 0.0 123.6

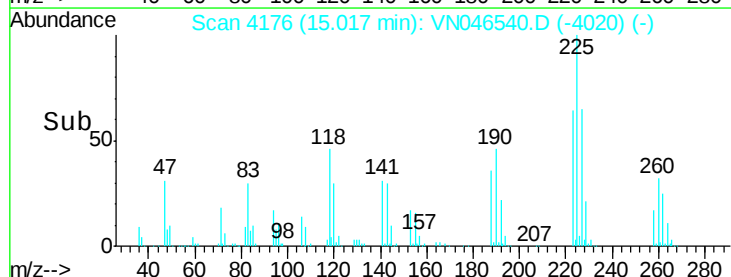
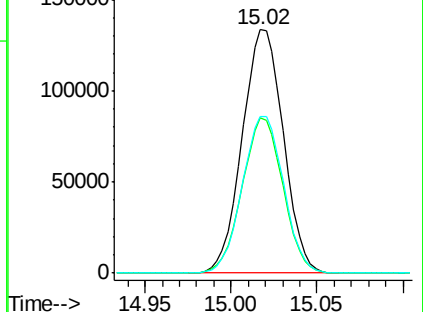
227 64.5 0.0 128.2

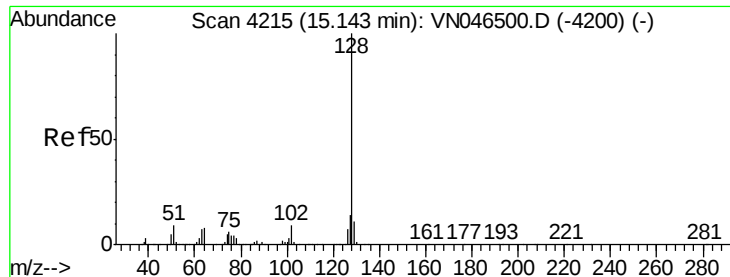


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

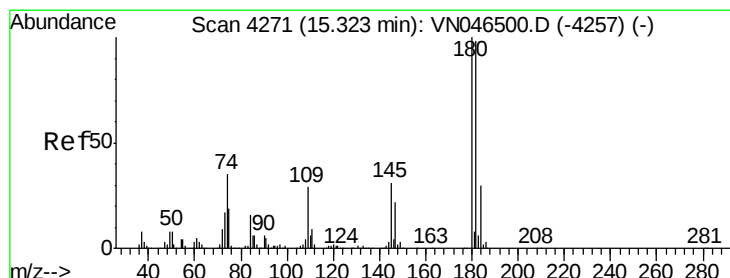
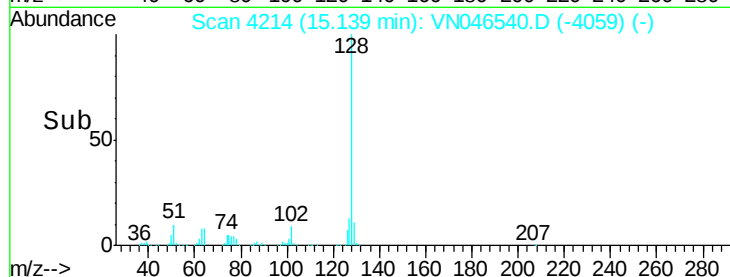
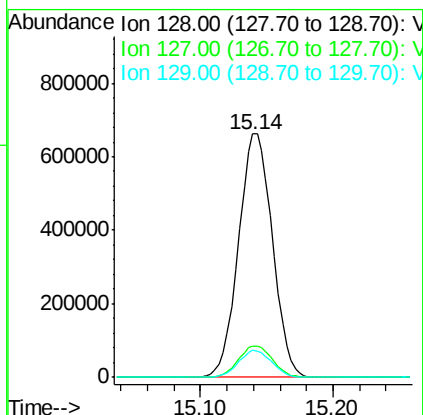
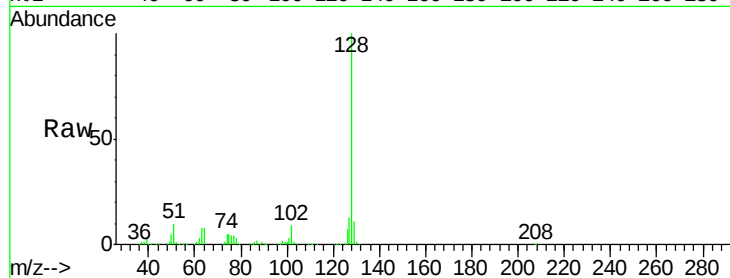




#91
Naphthalene
Concen: 179.57 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. -0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1172671
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 162.75 ug/l
RT: 15.32 min Scan# 4271
Delta R.T. 0.00 min
Lab File: VN046540.D
Acq: 24 Jan 2018 12:00

Tgt Ion:180 Resp: 444632
Ion Ratio Lower Upper
180 100
182 95.7 0.0 190.8
145 33.6 0.0 68.4

