

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN012418\
 Data File : VN046538.D
 Acq On : 24 Jan 2018 11:11
 Operator : MD\SY
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Jan 24 11:30:28 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	37547	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	227199	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	199459	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	100921	29.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.10%
60) 4-Bromofluorobenzene	12.41	95	108193	31.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	106.40%
63) Toluene-d8	10.09	98	287955	28.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.47%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	119582	43.67	ug/l	98
3) Chloromethane	2.06	50	200620	36.81	ug/l	99
4) Vinyl Chloride	2.18	62	184788	47.95	ug/l	99
5) Bromomethane	2.57	94	92967	96.45	ug/l	99
6) Chloroethane	2.70	64	104993	84.98	ug/l	99
7) Trichlorofluoromethane	3.01	101	179607	47.80	ug/l	99
8) Diethyl Ether	3.41	74	86729	52.66	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	119869	45.85	ug/l	100
10) 1,1-Dichloroethene	3.73	96	119084	50.31	ug/l	99
11) Methyl Iodide	3.95	142	105342	48.65	ug/l	99
12) Methyl Acetate	4.33	43	143407	55.76	ug/l	96
13) Acrolein	3.61	56	83858	243.84	ug/l	97
14) Acrylonitrile	4.99	53	291408	265.70	ug/l	99
15) Acetone	3.82	58	89793	280.10	ug/l	91
16) Carbon Disulfide	4.05	76	402227	49.72	ug/l	100
17) Allyl chloride	4.32	41	288099	56.88	ug/l	98
18) Methylene Chloride	4.55	84	141624	43.64	ug/l	97
19) trans-1,2-Dichloroethene	5.04	96	127420	50.71	ug/l	98
20) Diisopropyl ether	5.96	45	513185	52.39	ug/l	99
21) 1,1-Dichloroethane	5.85	63	286343	49.38	ug/l	98
22) cis-1,2-Dichloroethene	6.83	96	148362	52.41	ug/l	99
23) tert-Butyl Alcohol	4.80	59	68622	327.70	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	400160	58.97	ug/l	99
25) Chloroform	7.37	83	249921	47.67	ug/l	100
26) Cyclohexane	7.65	56	272192	56.95	ug/l	# 98
29) 1,1-Dichloropropene	7.79	75	206928	49.66	ug/l	99
30) 2-Butanone	6.84	43	383704	267.82	ug/l	99
31) 2,2-Dichloropropane	6.82	77	228455	48.71	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	203563	45.16	ug/l	99
33) Carbon Tetrachloride	7.77	117	165256	43.53	ug/l	98
34) Benzene	8.04	78	595042	45.42	ug/l	# 91
35) Methacrylonitrile	7.18	41	91694	52.32	ug/l	99
36) 1,2-Dichloroethane	8.12	62	209602	45.21	ug/l	99
37) Trichloroethene	8.84	130	134022	47.61	ug/l	97
38) Methylcyclohexane	9.08	83	239091	54.29	ug/l	99
39) 1,2-Dichloropropane	9.12	63	172193	46.04	ug/l	100
40) Dibromomethane	9.21	93	87260	44.95	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN012418\
 Data File : VN046538.D
 Acq On : 24 Jan 2018 11:11
 Operator : MD\SY
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Jan 24 11:30:28 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	198319	47.43	ug/l	96
42) Vinyl Acetate	5.90	43	1992211	265.74	ug/l	100
43) Ethyl Acetate	6.93	43	159802	51.48	ug/l	97
44) Isopropyl Acetate	8.17	43	289243	54.26	ug/l	98
45) 1,4-Dioxane	9.20	88	30518	1028.43	ug/l	95
46) Methyl methacrylate	9.20	41	141091	57.84	ug/l	98
47) n-amyl Acetate	12.08	43	268745	53.73	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	224558	52.06	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	256554	50.93	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	123278	45.41	ug/l	99
51) Ethyl methacrylate	10.43	69	198356	57.78	ug/l	98
52) 1,3-Dichloropropane	10.71	76	233809	46.63	ug/l	100
53) Dibromochloromethane	10.90	129	128575	49.21	ug/l	100
54) 1,2-Dibromoethane	11.01	107	110972	45.36	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	437391	242.51	ug/l	100
56) Bromoform	12.13	173	77693	51.36	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	759519	273.50	ug/l	100
59) 2-Hexanone	10.76	43	538128	273.44	ug/l	99
61) Tetrachloroethene	10.63	164	110971	49.73	ug/l	99
62) Toluene	10.16	91	596651	47.66	ug/l	100
64) Chlorobenzene	11.44	112	347591	48.70	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	117834	48.90	ug/l	99
66) Ethyl Benzene	11.52	91	654270	52.81	ug/l	100
67) m/p-Xylenes	11.63	106	468729	102.88	ug/l	100
68) o-Xylene	11.95	106	227427	52.22	ug/l	99
69) Styrene	11.97	104	380004	54.47	ug/l	99
70) Isopropylbenzene	12.26	105	604837	52.66	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	159508	47.79	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	203999	74.63	ug/l	53
73) Bromobenzene	12.53	156	128808	48.03	ug/l	97
74) n-propylbenzene	12.60	91	760000	51.56	ug/l	99
75) 2-Chlorotoluene	12.68	91	444656	50.71	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	514944	53.08	ug/l	100
77) t-1,4-Dichloro-2-butene	12.31	75	46151	49.26	ug/l	98
78) 4-Chlorotoluene	12.78	91	451877	50.63	ug/l	99
79) tert-butylbenzene	13.00	119	425655	53.04	ug/l	99
80) 1,2,4-Trimethylbenzene	13.18	105	619042	62.49	ug/l	100
81) sec-Butylbenzene	13.18	105	619042	52.13	ug/l	100
82) p-Isopropyltoluene	13.30	119	521478	53.84	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	238340	47.70	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	235673	47.99	ug/l	100
85) n-Butylbenzene	13.62	91	528920	57.23	ug/l	100
86) Hexachloroethane	13.88	117	95982	51.78	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	229739	46.71	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.28	75	28929	53.91	ug/l	100
89) 1,2,4-Trichlorobenzene	14.92	180	142531	51.67	ug/l	99
90) Hexachlorobutadiene	15.02	225	72035	48.05	ug/l	99
91) Naphthalene	15.14	128	346187	53.91	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	135509	50.45	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN012418\
Data File : VN046538.D
Acq On : 24 Jan 2018 11:11
Operator : MD\SY
Sample : VSTDICC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Quant Time: Jan 24 11:30:28 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

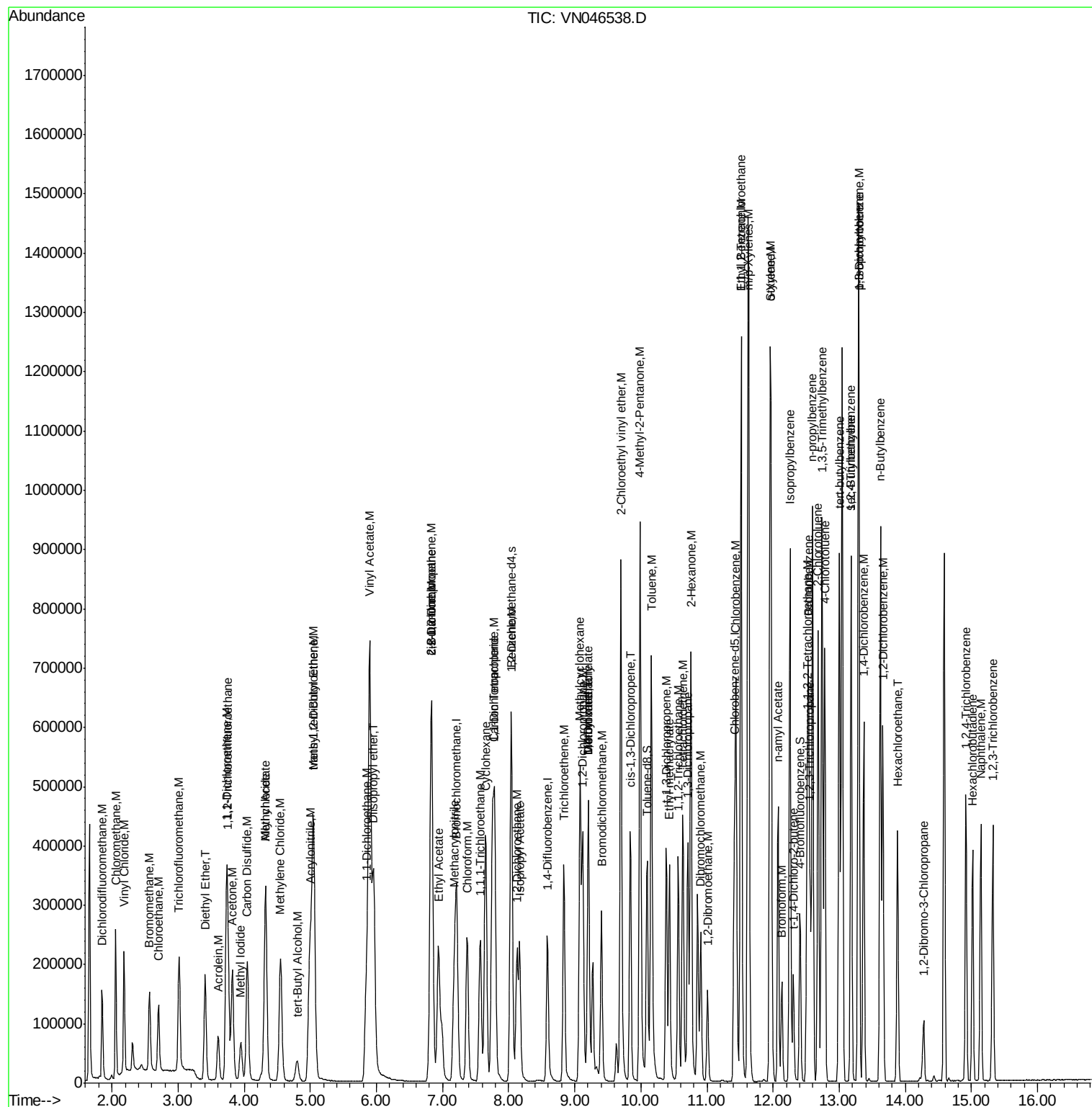
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

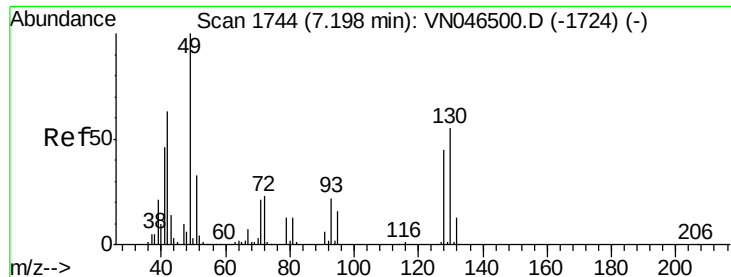
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN012418\
Data File : VN046538.D
Acq On : 24 Jan 2018 11:11
Operator : MD\SY
Sample : VSTDIC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Quant Time: Jan 24 11:30:28 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

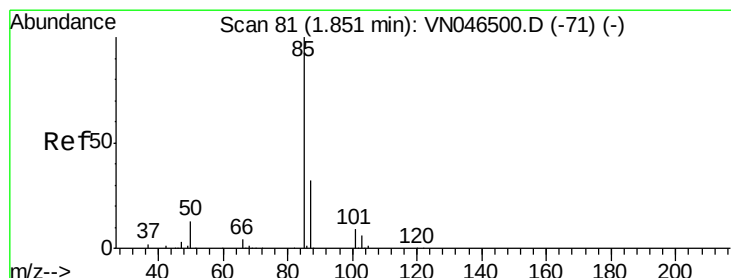
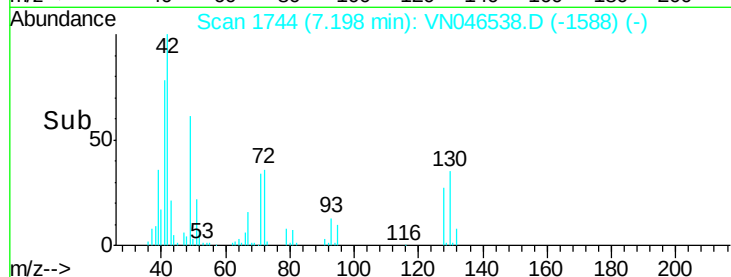
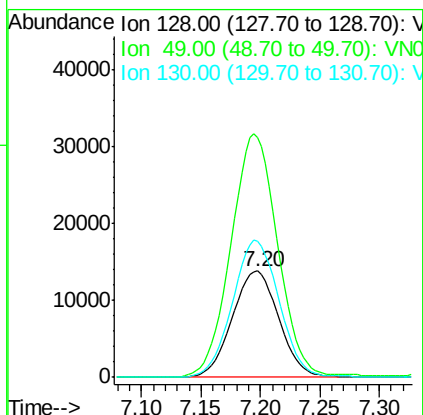
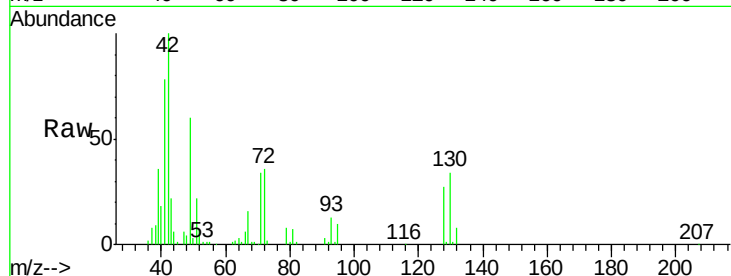




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

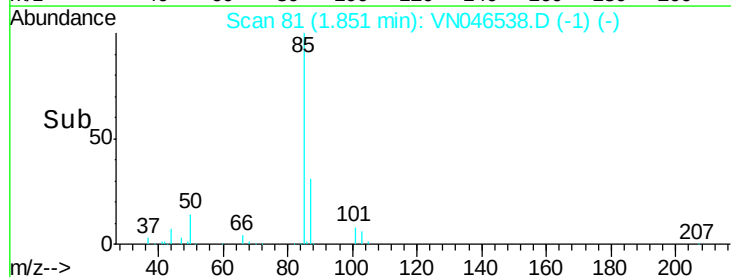
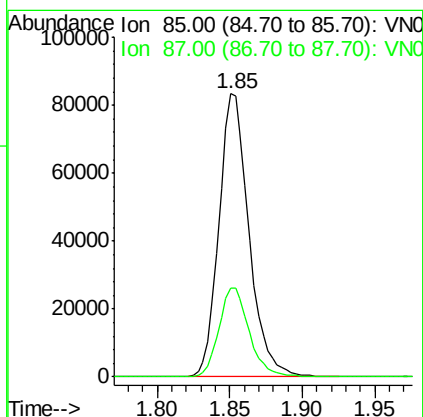
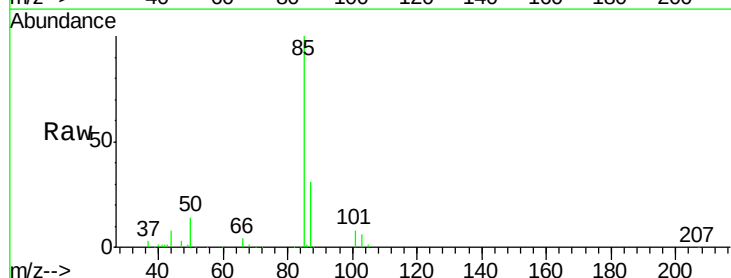
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

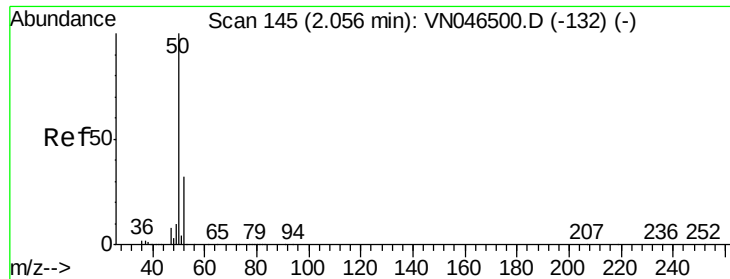
Tgt Ion:128 Resp: 37547
 Ion Ratio Lower Upper
 128 100
 49 228.5 0.0 566.8
 130 128.7 0.0 323.3



#2
 Dichlorodifluoromethane
 Concen: 43.67 ug/l
 RT: 1.85 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 85 Resp: 119582
 Ion Ratio Lower Upper
 85 100
 87 31.5 16.3 48.8





#3

Chloromethane

Concen: 36.81 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

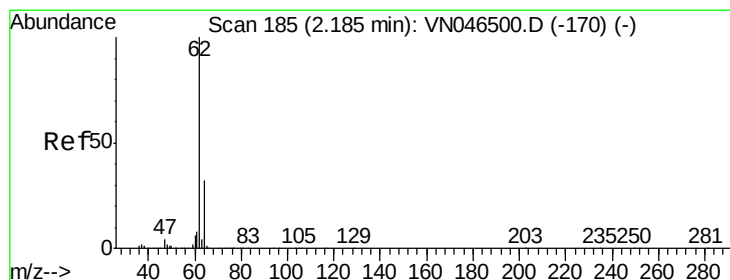
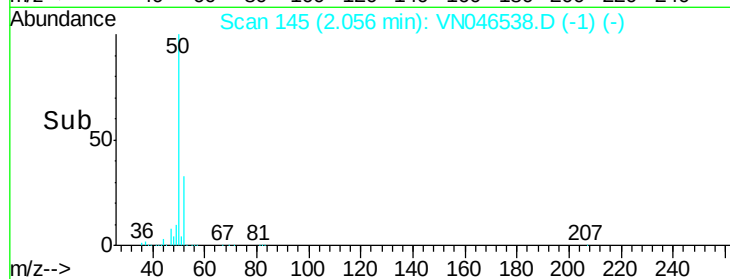
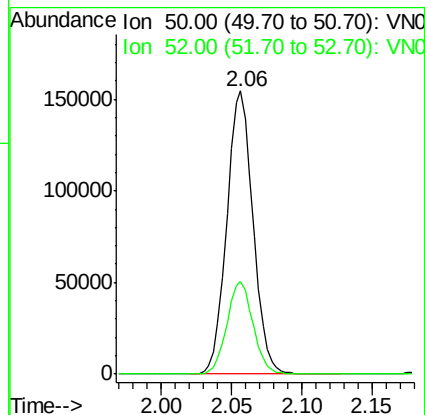
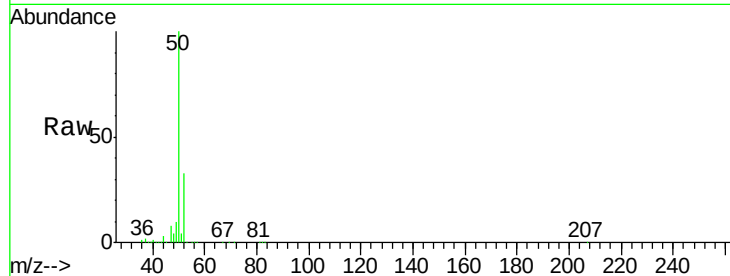
VSTDIC050

Tgt Ion: 50 Resp: 200620

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 47.95 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN046538.D

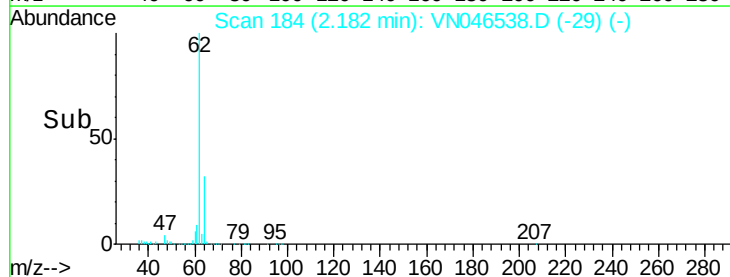
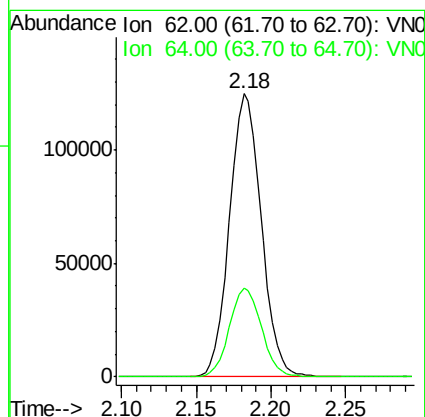
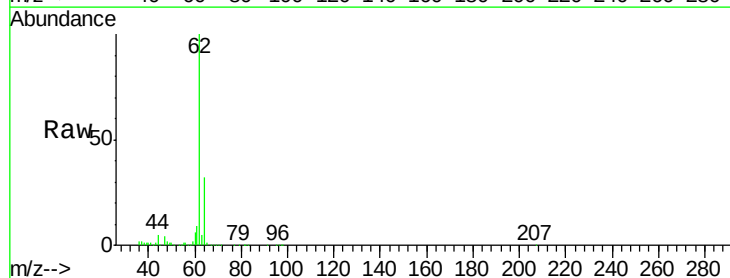
Acq: 24 Jan 2018 11:11

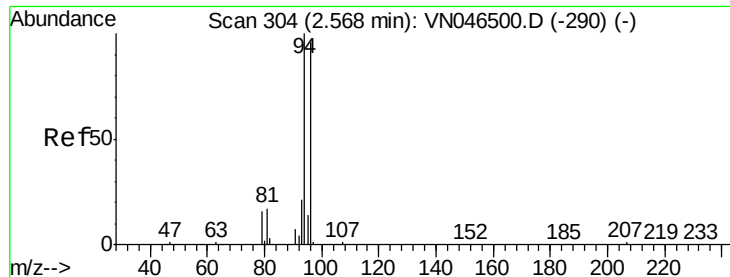
Tgt Ion: 62 Resp: 184788

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 96.45 ug/l

RT: 2.57 min Scan# 304

Delta R.T. -0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

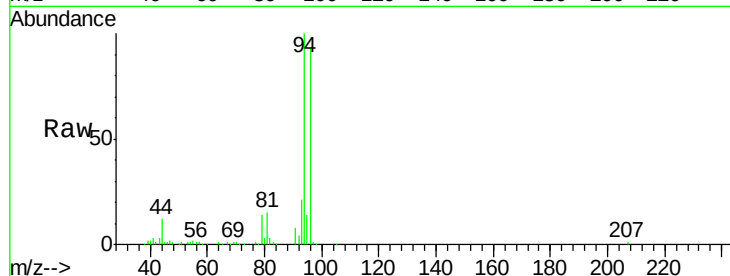
VSTDIC050

Tgt Ion: 94 Resp: 92967

Ion Ratio Lower Upper

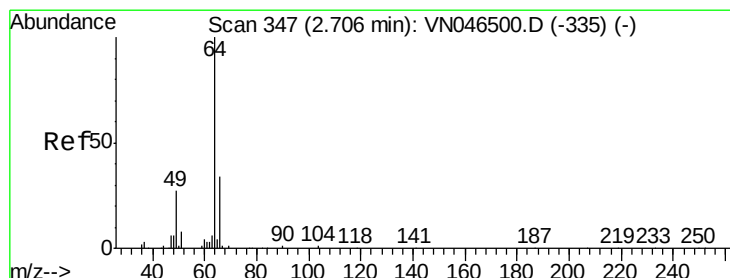
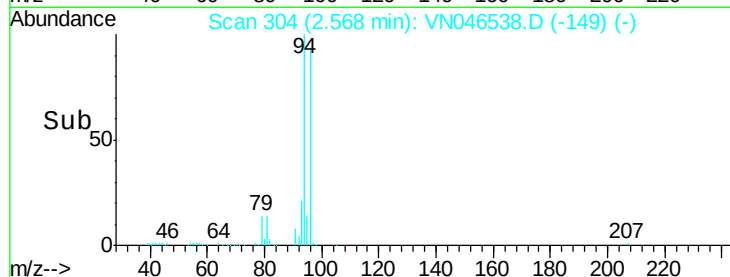
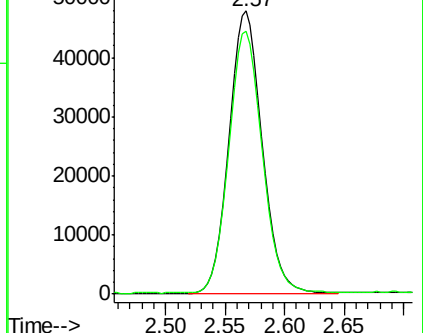
94 100

96 92.7 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VN046538.D (-149) (-)

Ion 96.00 (95.70 to 96.70): VN046538.D (-149) (-)



#6

Chloroethane

Concen: 84.98 ug/l

RT: 2.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VN046538.D

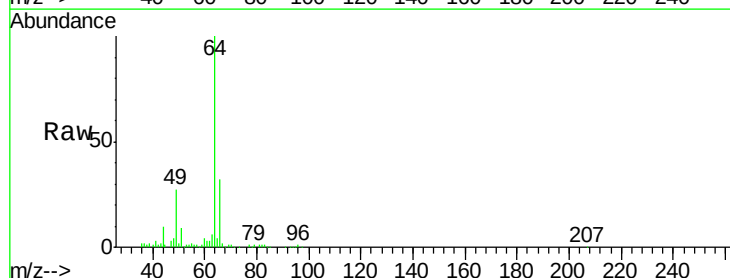
Acq: 24 Jan 2018 11:11

Tgt Ion: 64 Resp: 104993

Ion Ratio Lower Upper

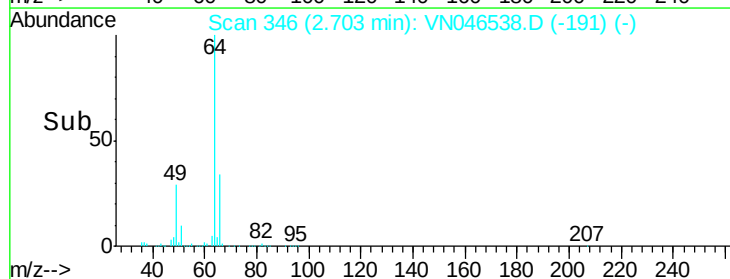
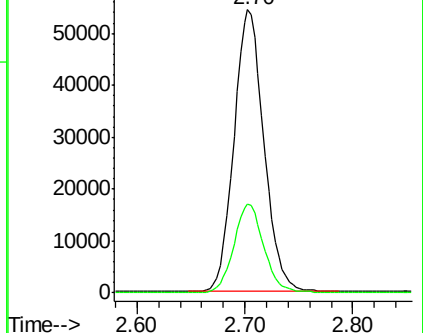
64 100

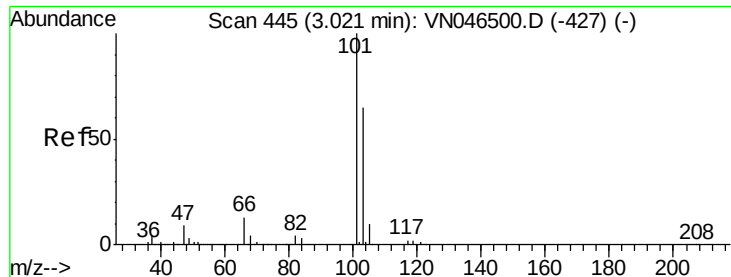
66 31.7 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VN046538.D (-191) (-)

Ion 66.00 (65.70 to 66.70): VN046538.D (-191) (-)



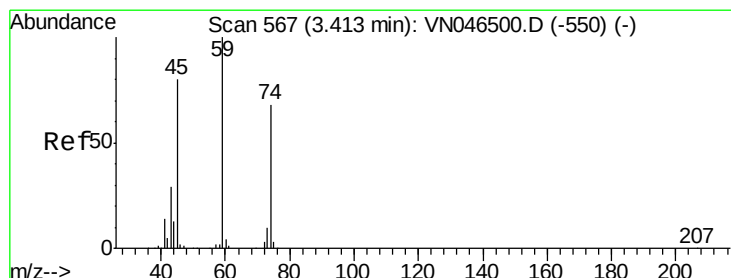
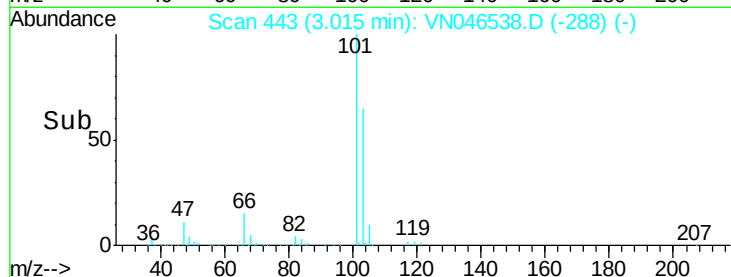
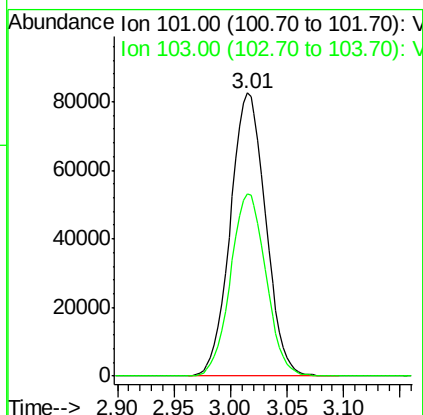
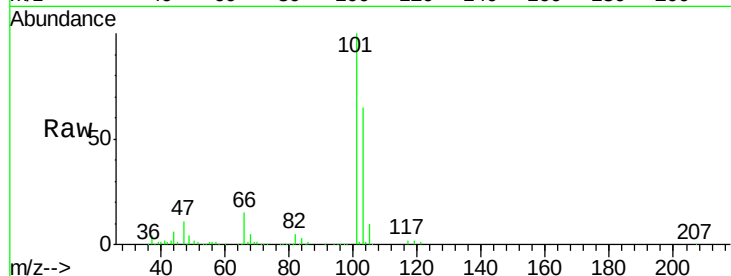


#7

Trichlorofluoromethane
 Concen: 47.80 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

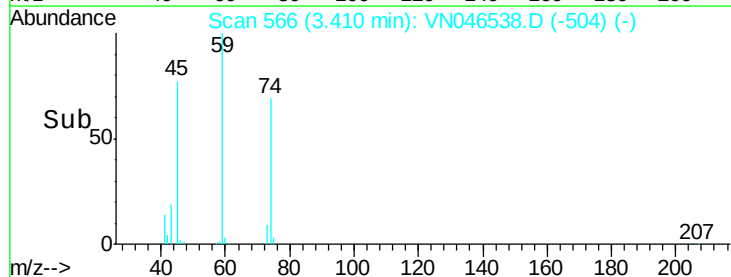
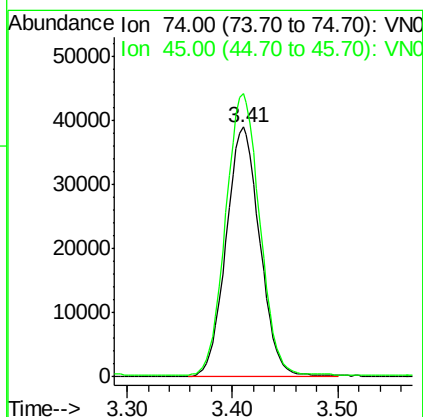
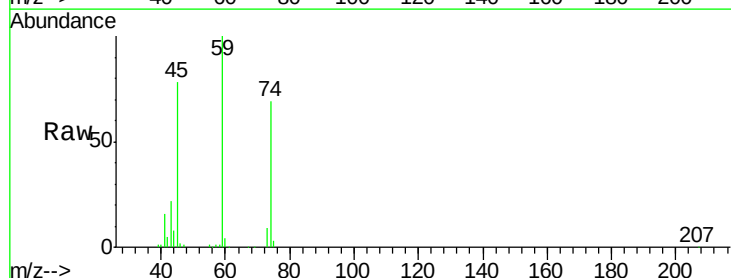
Tgt Ion:101 Resp: 179607
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.4

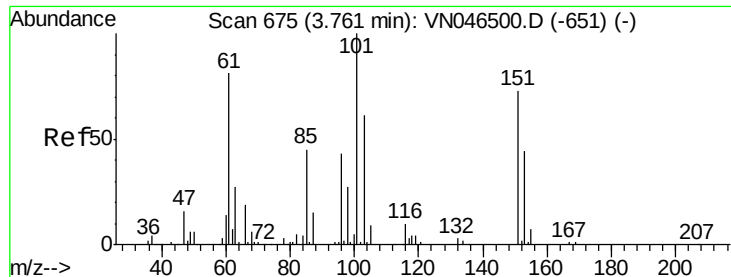


#8

Diethyl Ether
 Concen: 52.66 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 74 Resp: 86729
 Ion Ratio Lower Upper
 74 100
 45 113.4 22.0 197.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.85 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampled :

VSTDIC050

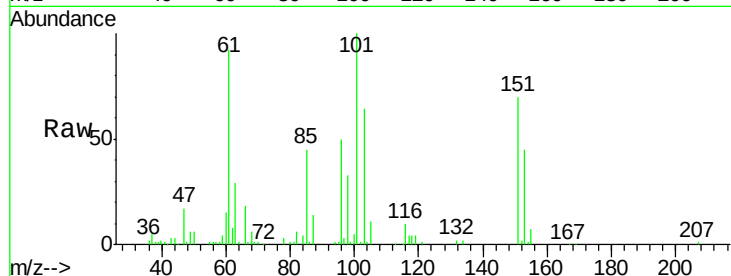
Tgt Ion: 101 Resp: 119869

Ion Ratio Lower Upper

101 100

85 45.5 0.0 90.8

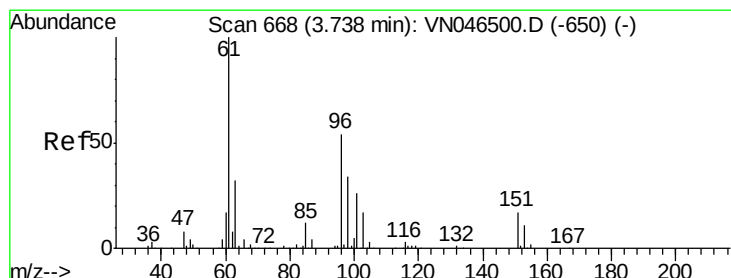
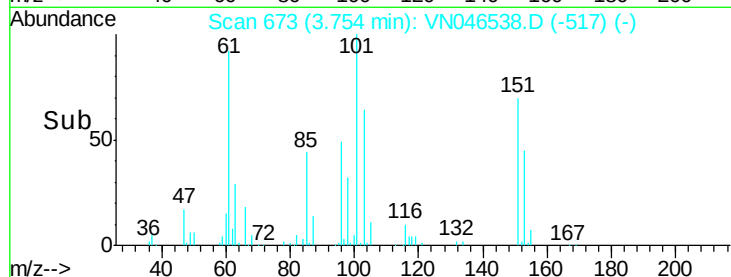
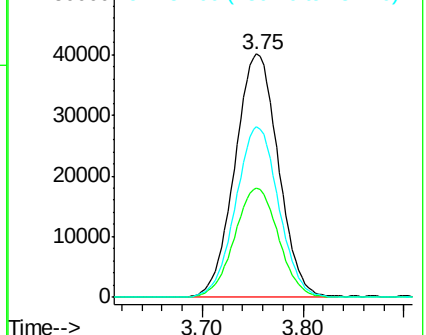
151 69.3 0.0 137.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 50.31 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

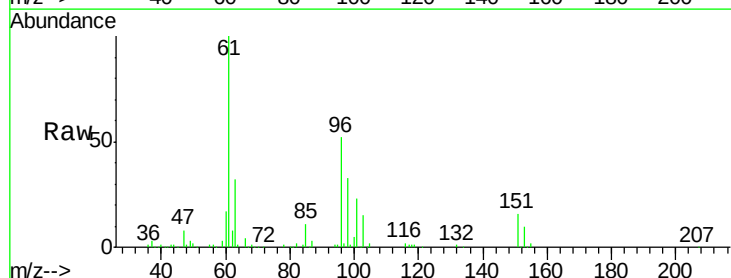
Tgt Ion: 96 Resp: 119084

Ion Ratio Lower Upper

96 100

61 191.8 152.4 228.6

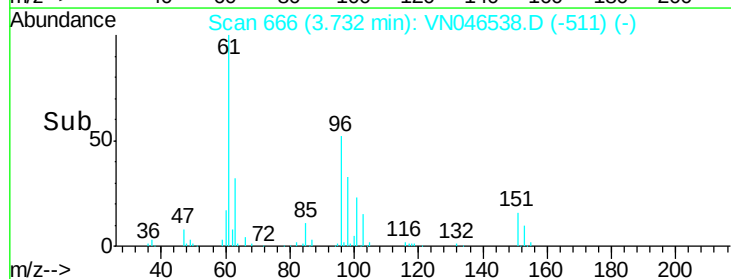
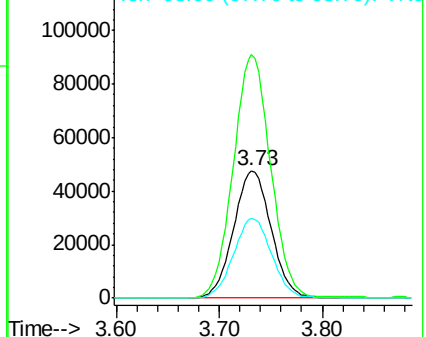
98 63.1 51.3 76.9

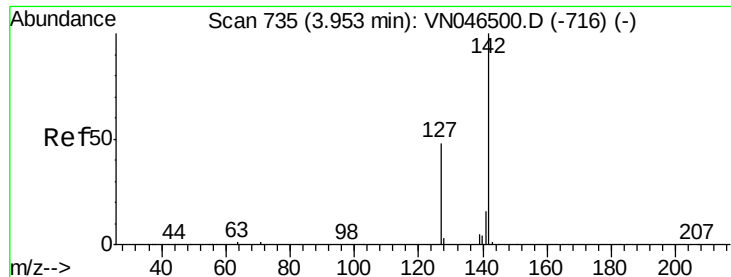


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

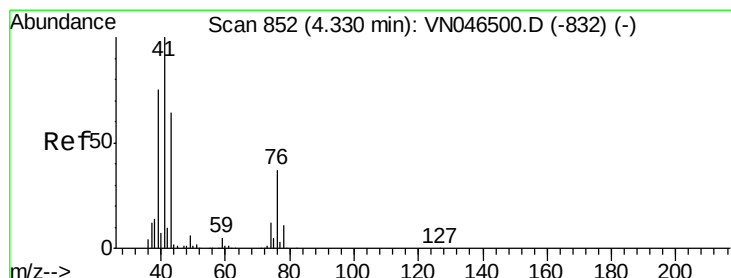
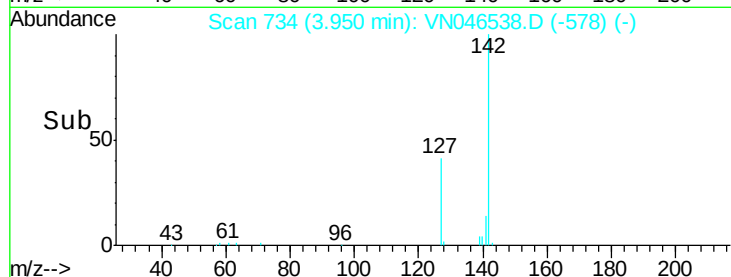
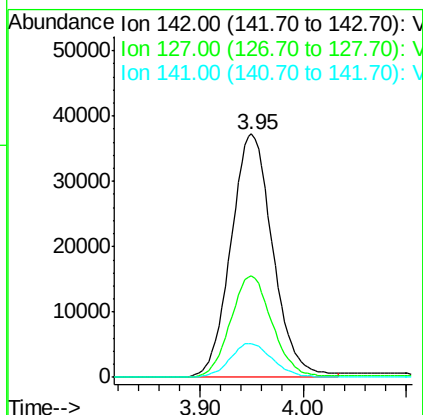
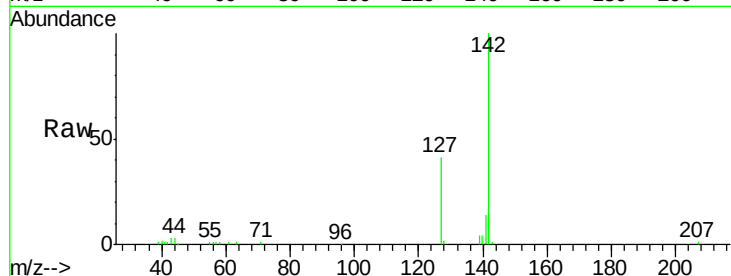




#11
Methyl Iodide
Concen: 48.65 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

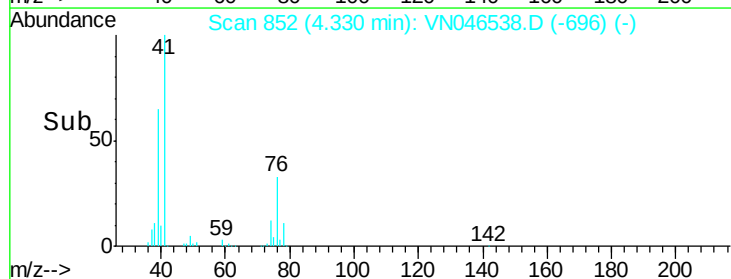
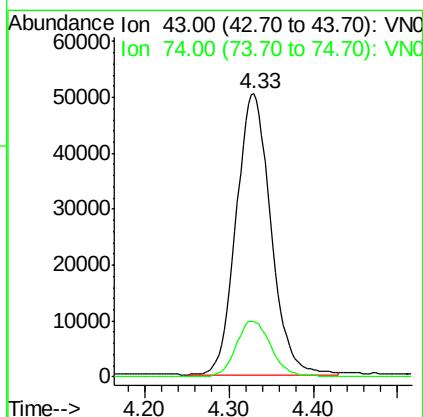
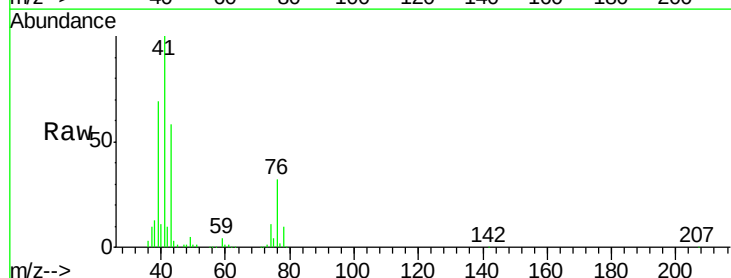
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

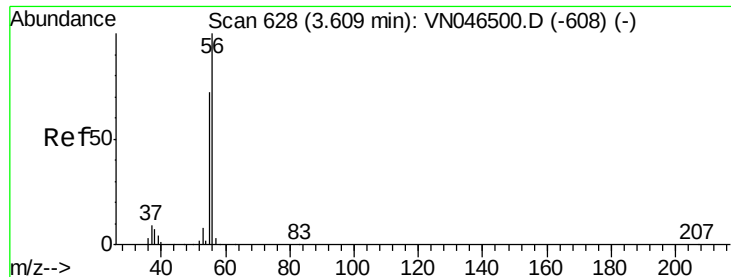
Tgt Ion:142 Resp: 105342
Ion Ratio Lower Upper
142 100
127 41.4 21.1 63.3
141 13.8 7.3 21.9



#12
Methyl Acetate
Concen: 55.76 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Tgt Ion: 43 Resp: 143407
Ion Ratio Lower Upper
43 100
74 19.6 17.0 25.6





#13

Acrolein

Concen: 243.84 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

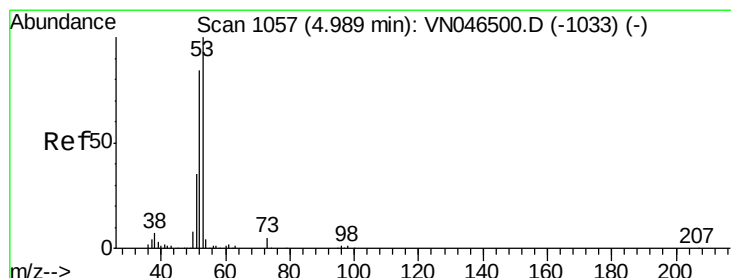
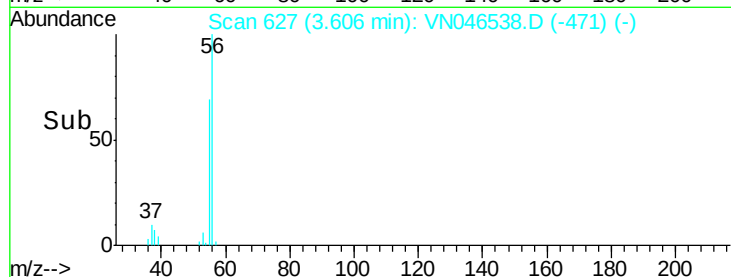
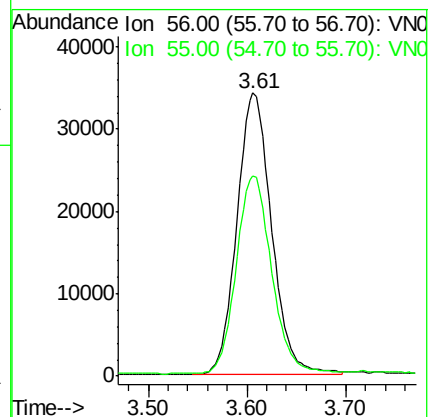
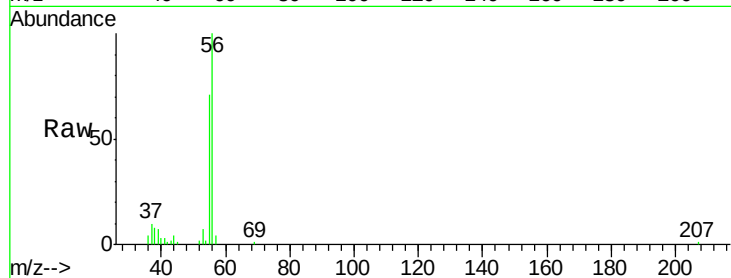
VSTDIC050

Tgt Ion: 56 Resp: 83858

Ion Ratio Lower Upper

56 100

55 70.8 58.9 88.3



#14

Acrylonitrile

Concen: 265.70 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

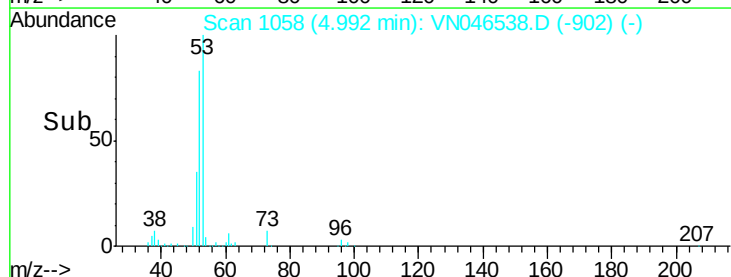
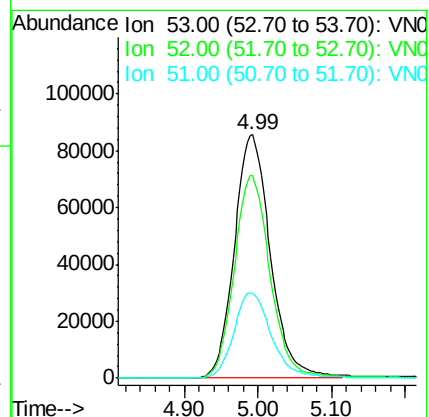
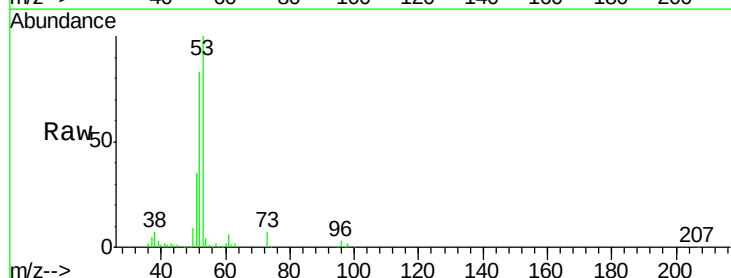
Tgt Ion: 53 Resp: 291408

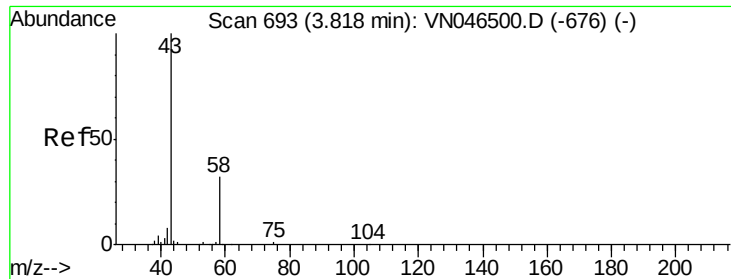
Ion Ratio Lower Upper

53 100

52 82.7 40.9 122.7

51 36.6 18.1 54.1





#15

Acetone

Concen: 280.10 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

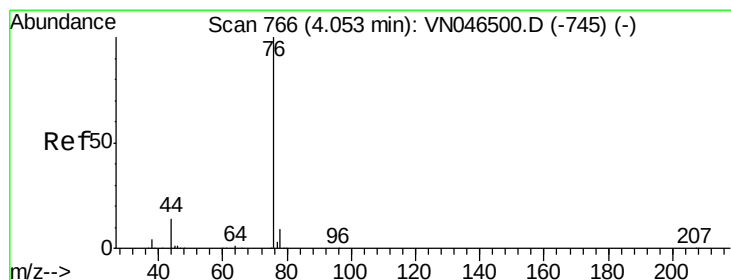
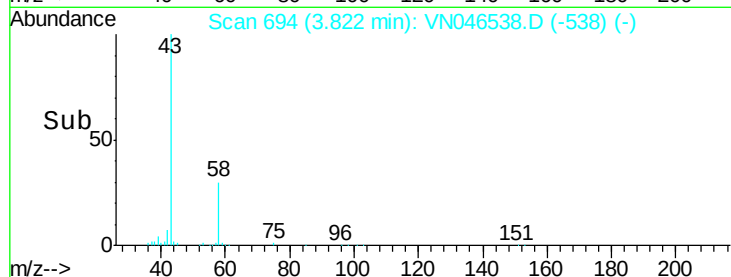
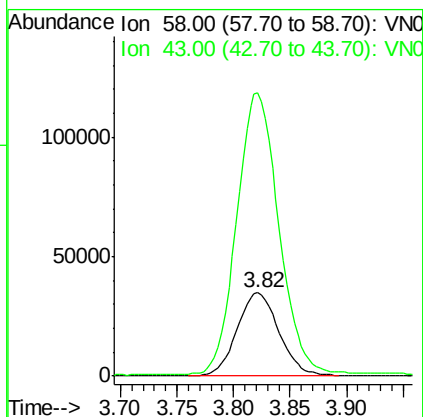
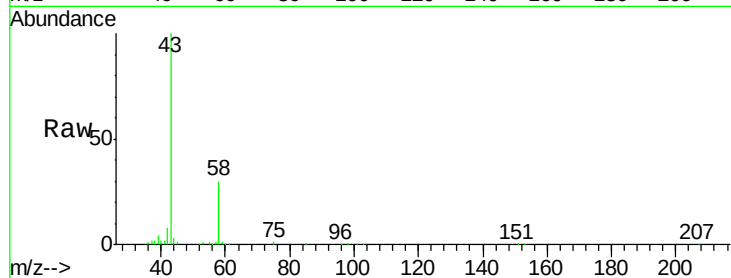
VSTDIC050

Tgt Ion: 58 Resp: 89793

Ion Ratio Lower Upper

58 100

43 337.9 285.3 427.9



#16

Carbon Disulfide

Concen: 49.72 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN046538.D

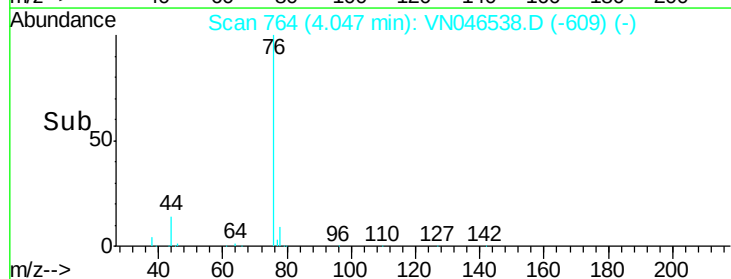
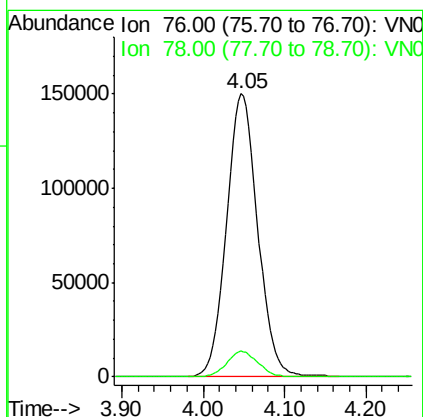
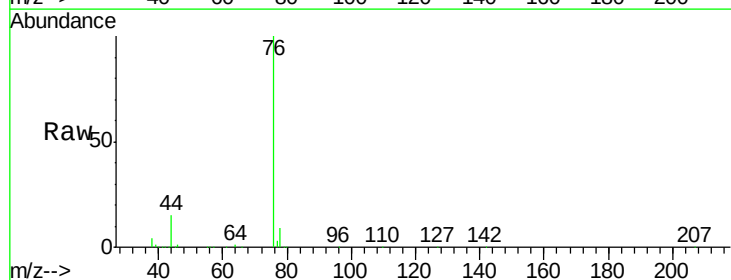
Acq: 24 Jan 2018 11:11

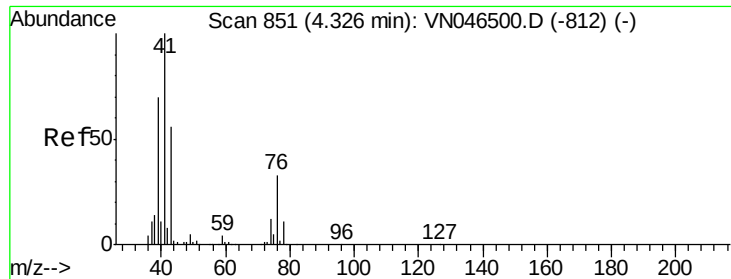
Tgt Ion: 76 Resp: 402227

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

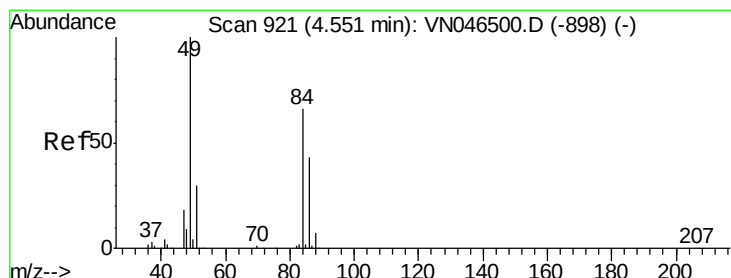
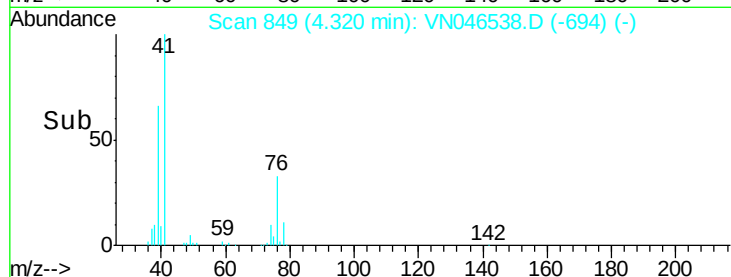
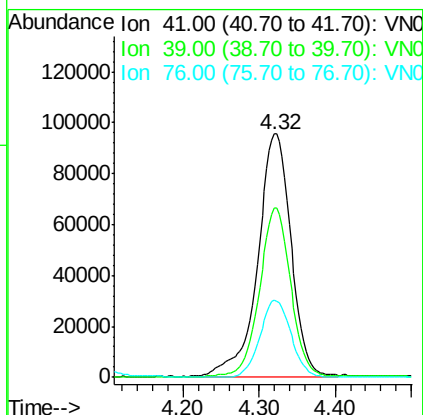
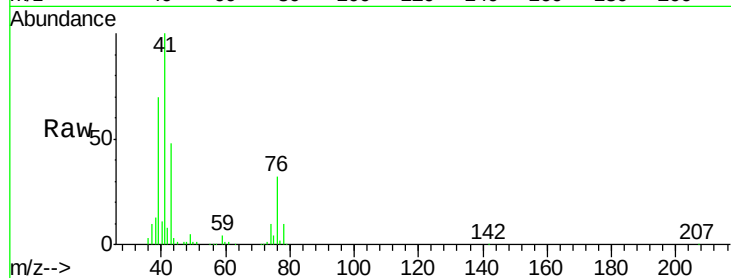




#17
 Allyl chloride
 Concen: 56.88 ug/l
 RT: 4.32 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

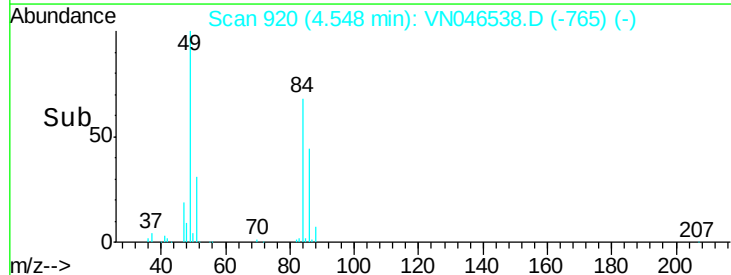
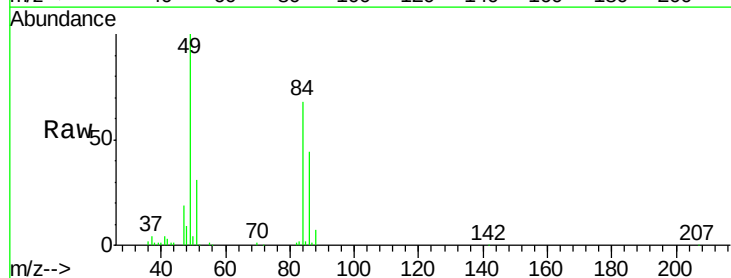
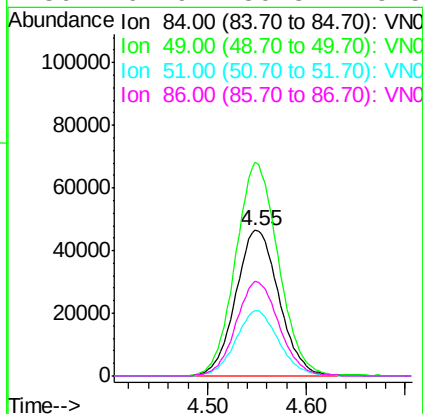
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

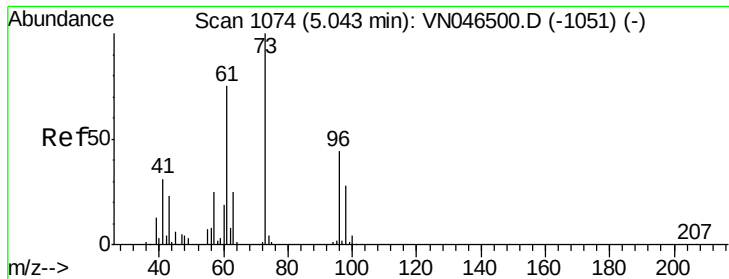
Tgt Ion: 41 Resp: 288099
 Ion Ratio Lower Upper
 41 100
 39 69.6 33.5 100.4
 76 31.4 15.9 47.7



#18
 Methylene Chloride
 Concen: 43.64 ug/l
 RT: 4.55 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 84 Resp: 141624
 Ion Ratio Lower Upper
 84 100
 49 146.5 113.9 170.9
 51 44.9 36.3 54.5
 86 64.9 50.3 75.5

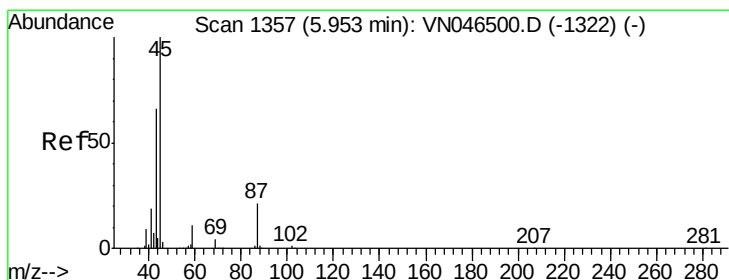
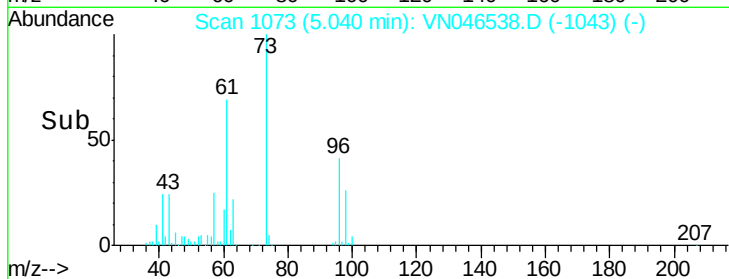
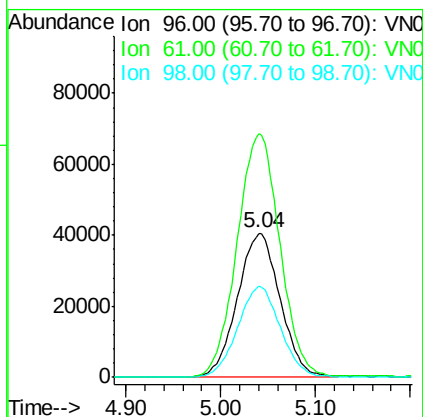
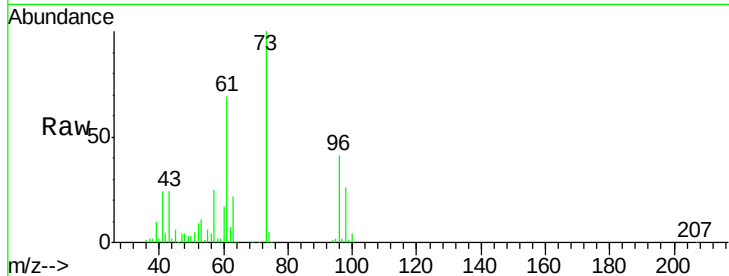




#19
trans-1,2-Dichloroethene
Concen: 50.71 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

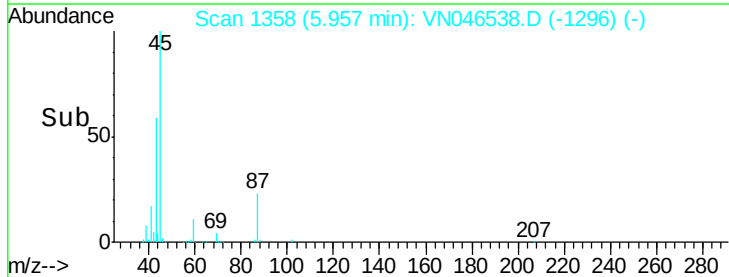
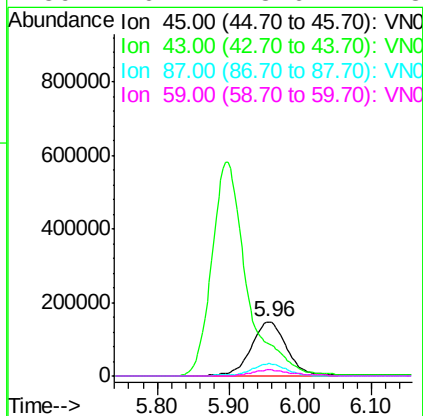
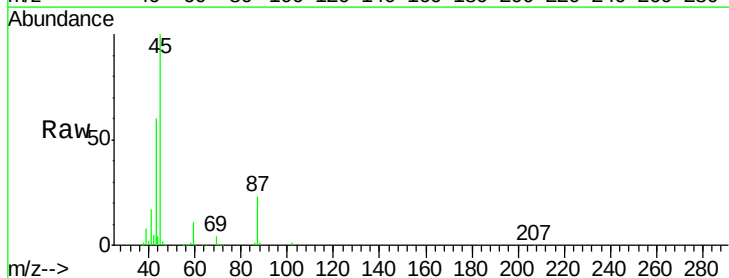
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

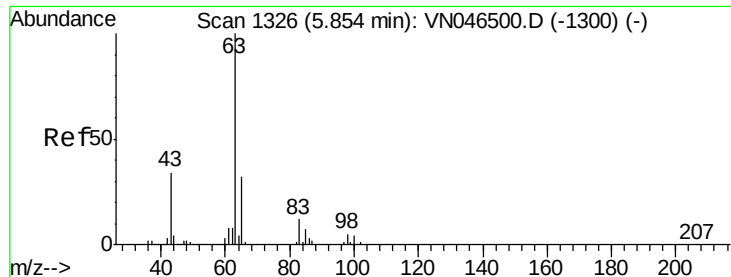
Tgt Ion: 96 Resp: 127420
Ion Ratio Lower Upper
96 100
61 168.6 137.3 205.9
98 63.2 52.3 78.5



#20
Diisopropyl ether
Concen: 52.39 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Tgt Ion: 45 Resp: 513185
Ion Ratio Lower Upper
45 100
43 56.2 45.1 67.7
87 22.1 16.6 24.8
59 10.7 8.6 12.8

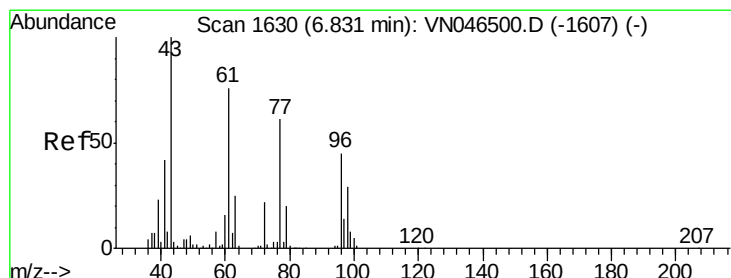
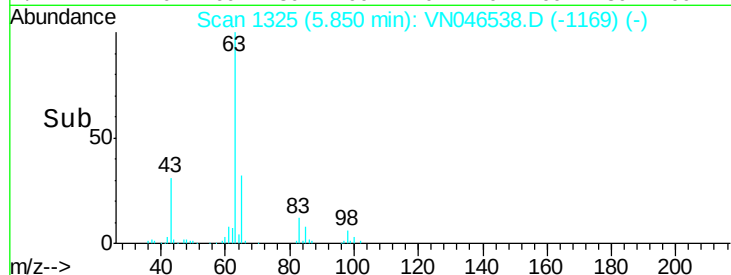
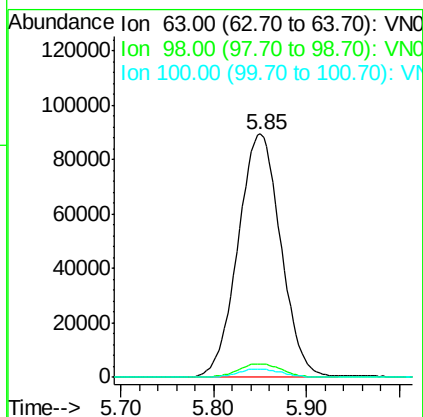
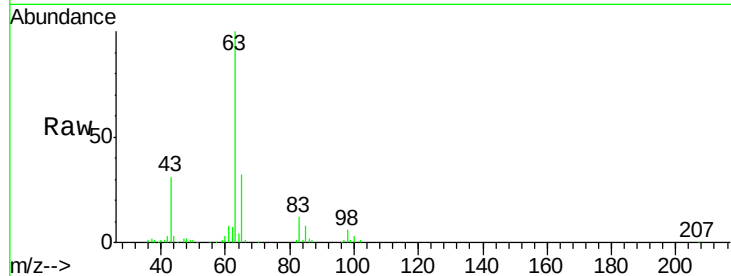




#21
 1,1-Dichloroethane
 Concen: 49.38 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

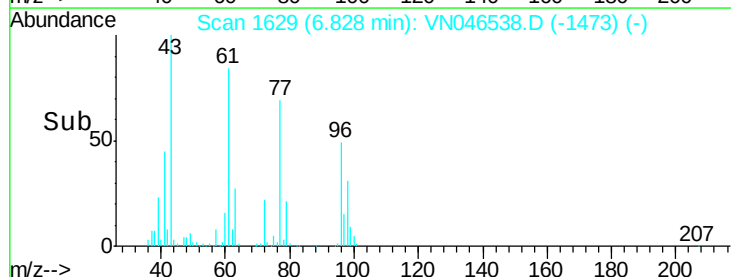
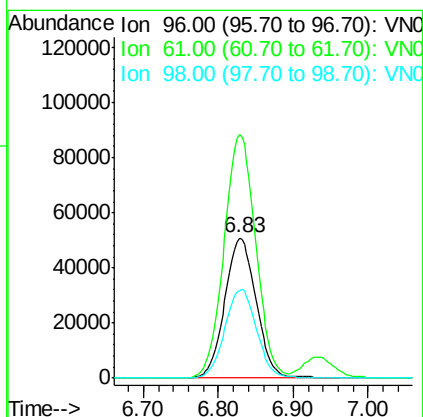
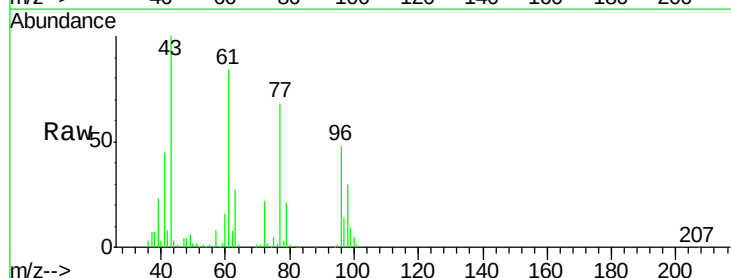
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

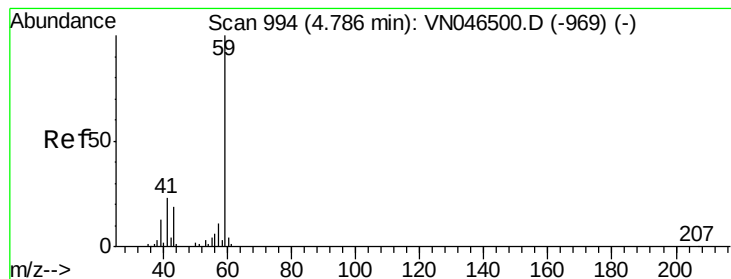
Tgt Ion: 63 Resp: 286343
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.5 1.7 5.0



#22
 cis-1,2-Dichloroethene
 Concen: 52.41 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 96 Resp: 148362
 Ion Ratio Lower Upper
 96 100
 61 174.5 141.3 211.9
 98 64.0 51.0 76.6





#23

tert-Butyl Alcohol

Concen: 327.70 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

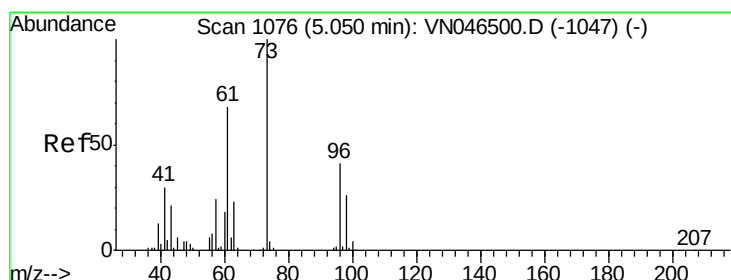
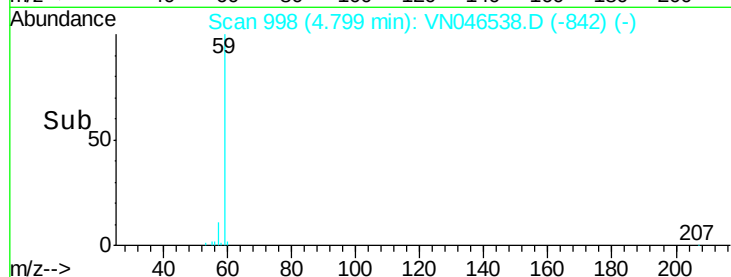
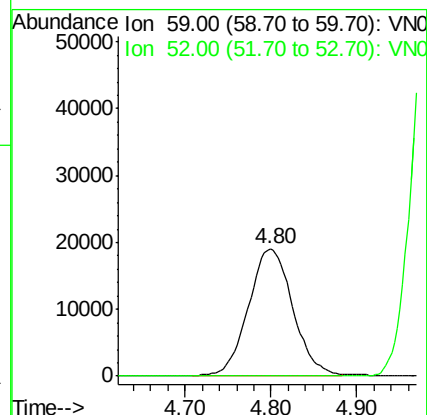
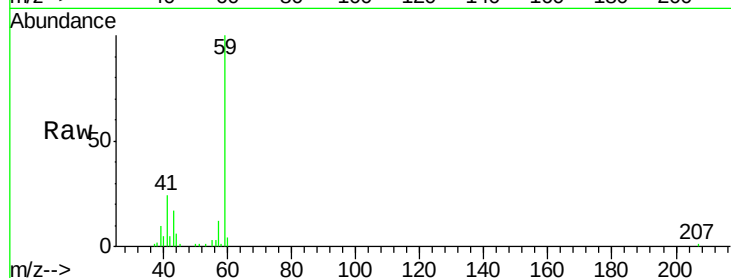
VSTDIC050

Tgt Ion: 59 Resp: 68622

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 58.97 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN046538.D

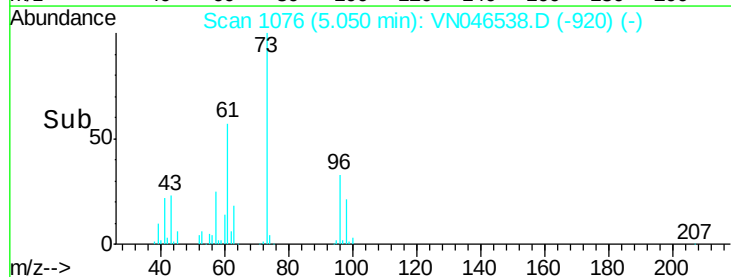
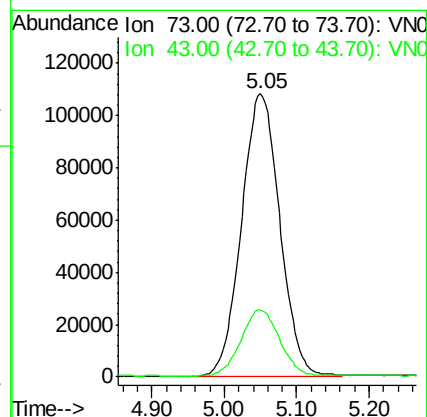
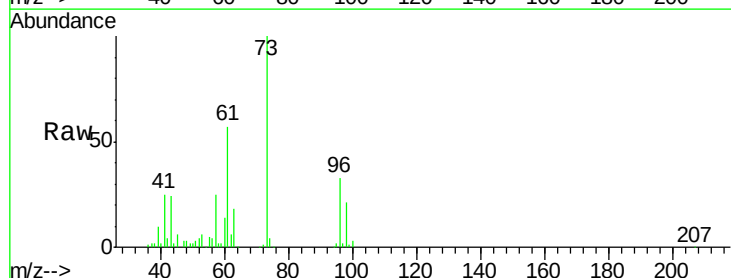
Acq: 24 Jan 2018 11:11

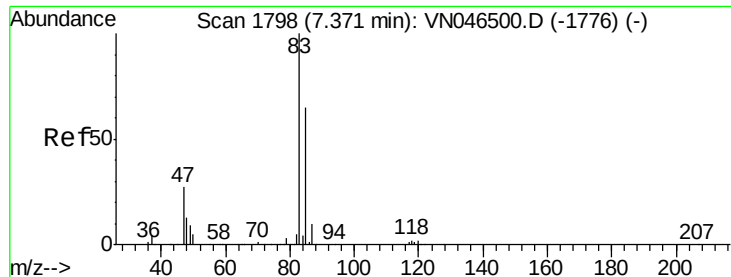
Tgt Ion: 73 Resp: 400160

Ion Ratio Lower Upper

73 100

43 23.6 19.0 28.6





#25

Chloroform

Concen: 47.67 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

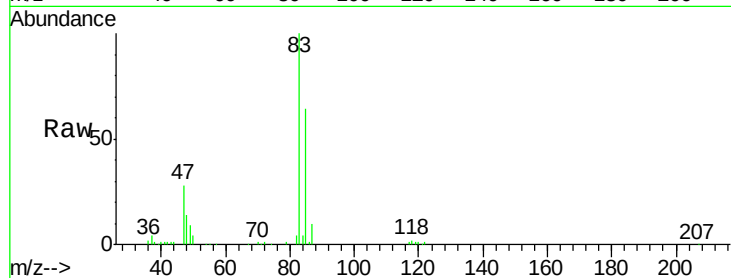
VSTDIC050

Tgt Ion: 83 Resp: 249921

Ion Ratio Lower Upper

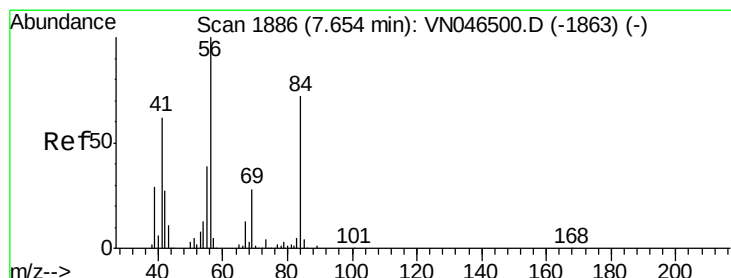
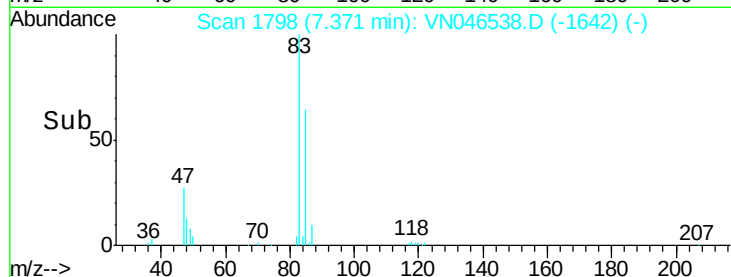
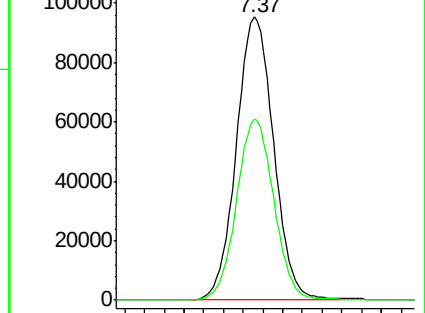
83 100

85 63.8 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 56.95 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

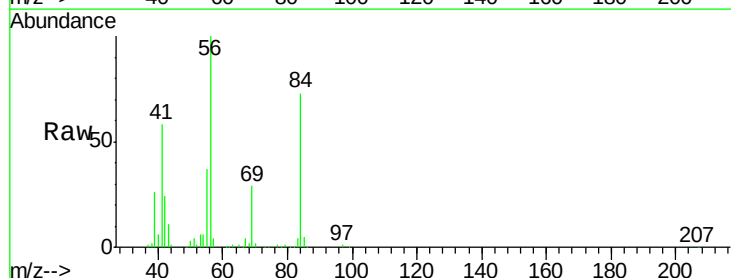
Tgt Ion: 56 Resp: 272192

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

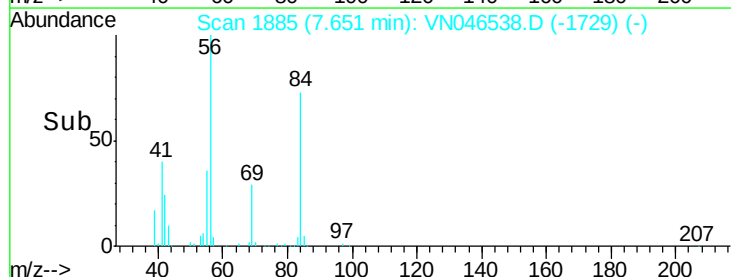
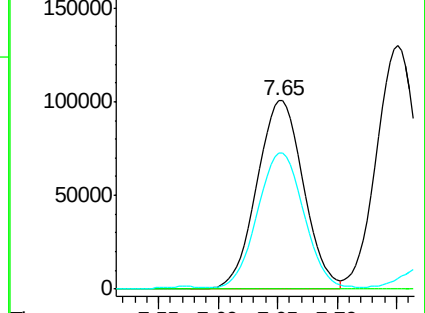
84 72.8 56.8 85.2

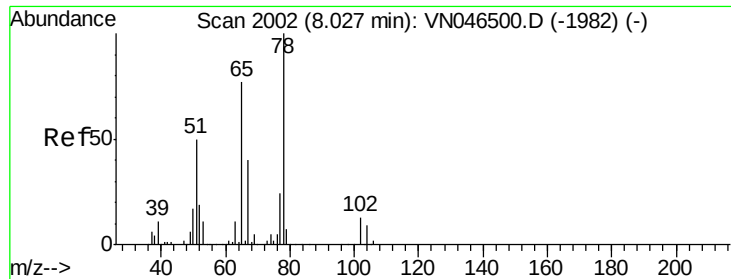


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

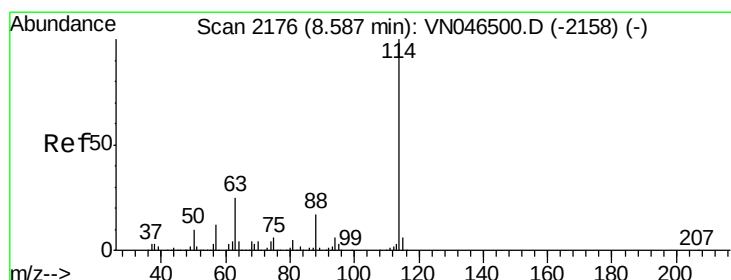
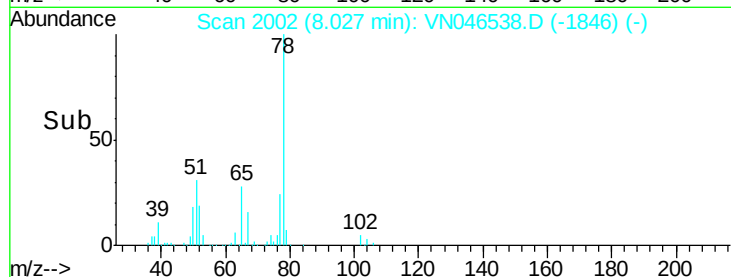
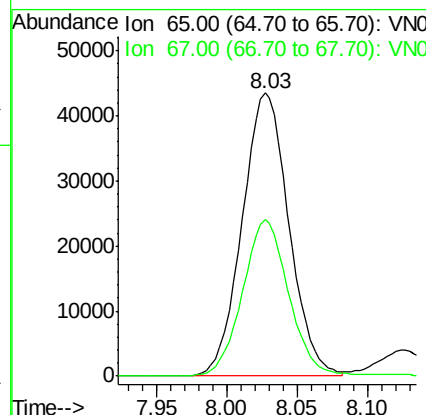
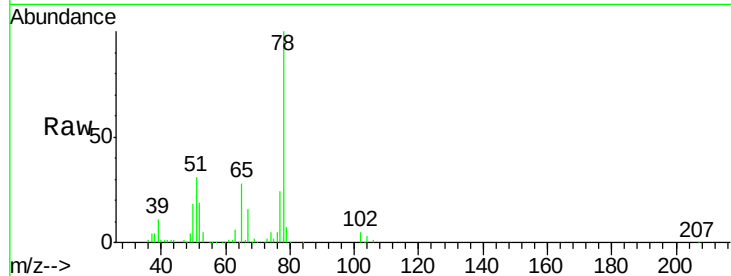




#27
 1,2-Dichloroethane-d4
 Concen: 29.13 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

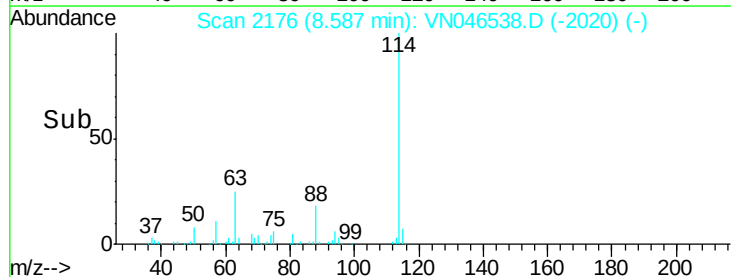
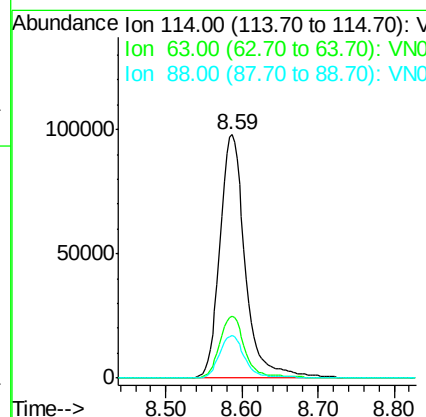
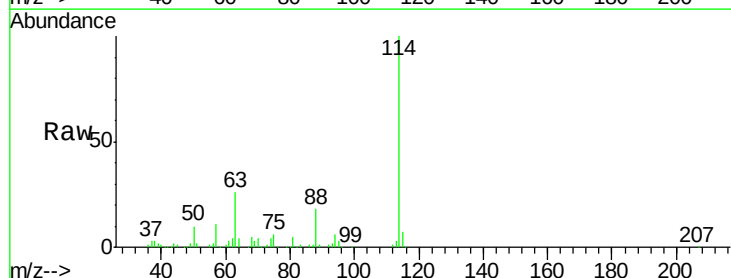
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

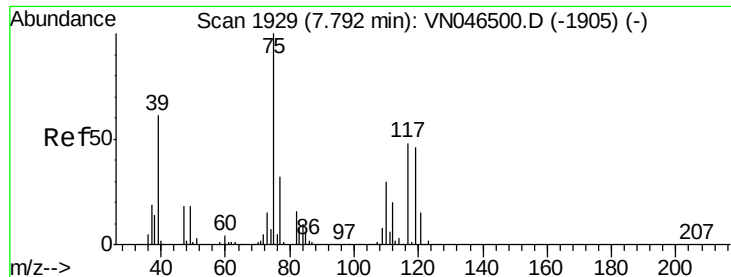
Tgt Ion: 65 Resp: 100921
 Ion Ratio Lower Upper
 65 100
 67 54.8 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 114 Resp: 227199
 Ion Ratio Lower Upper
 114 100
 63 24.9 20.2 30.4
 88 17.7 14.2 21.2

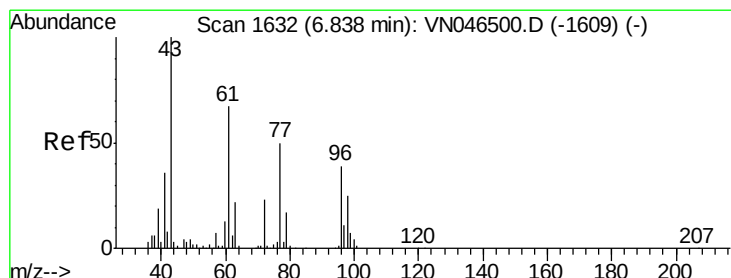
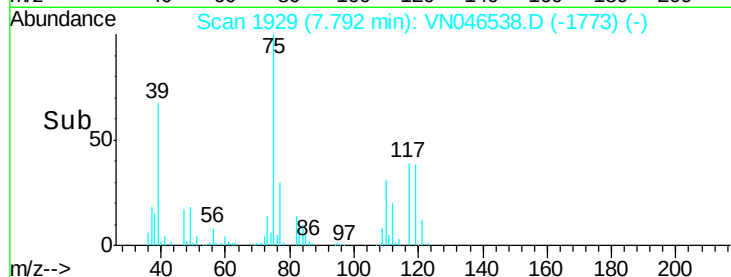
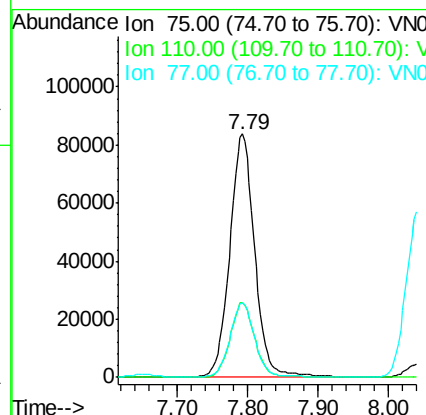
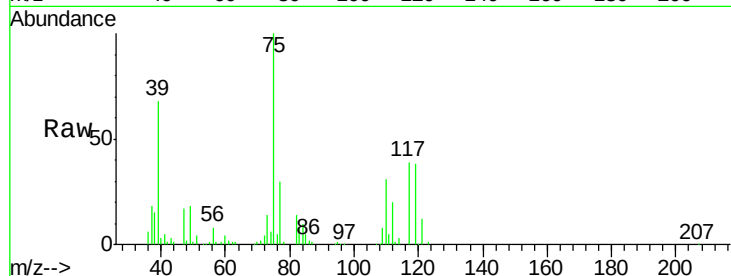




#29
 1,1-Dichloropropene
 Concen: 49.66 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

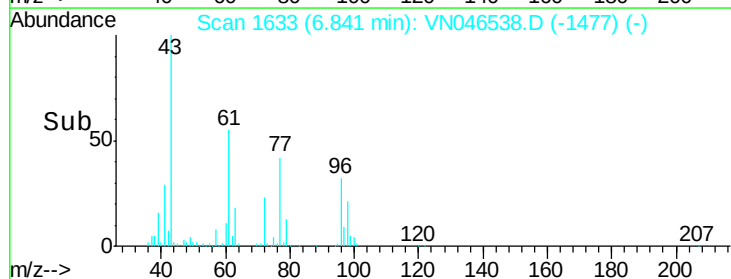
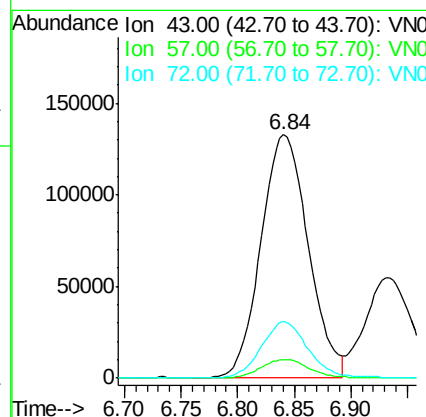
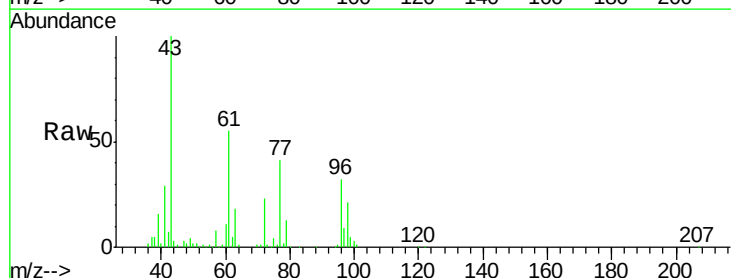
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC050

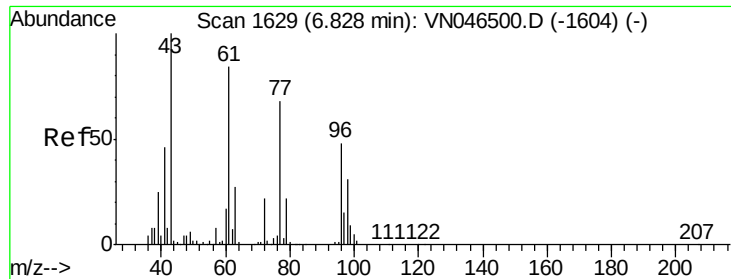
Tgt Ion: 75 Resp: 206928
 Ion Ratio Lower Upper
 75 100
 110 30.4 0.0 61.0
 77 30.4 0.0 63.2



#30
 2-Butanone
 Concen: 267.82 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 43 Resp: 383704
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.8 10.2
 72 23.2 18.9 28.3

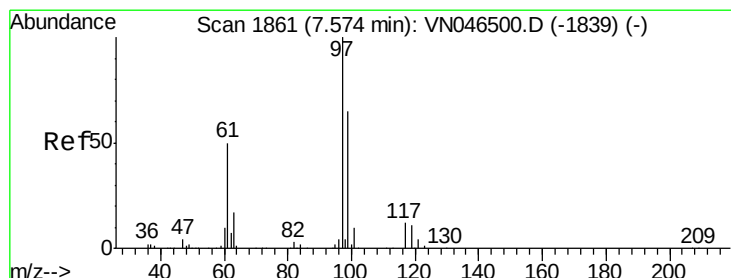
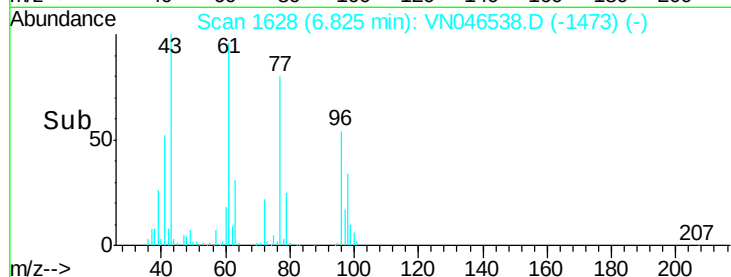
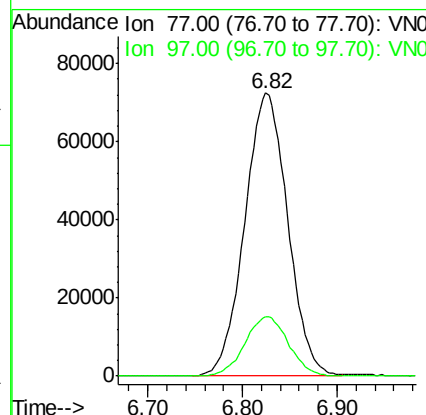
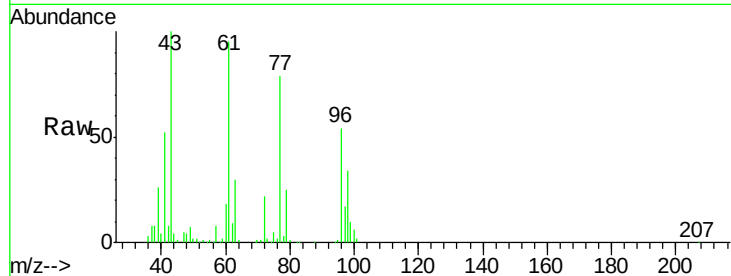




#31
 2,2-Dichloropropane
 Concen: 48.71 ug/l
 RT: 6.82 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

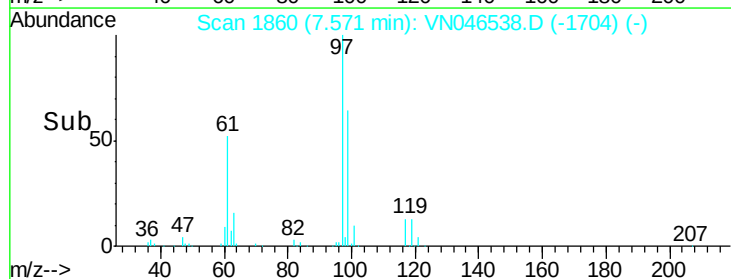
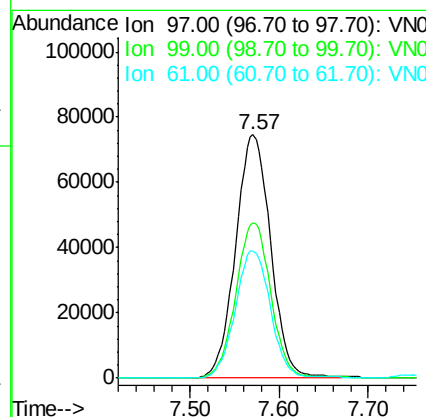
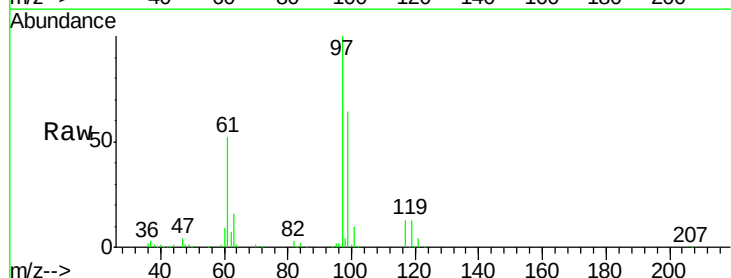
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

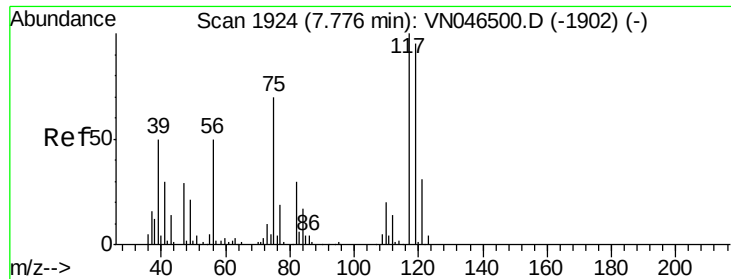
Tgt Ion: 77 Resp: 228455
 Ion Ratio Lower Upper
 77 100
 97 21.3 17.2 25.8



#32
 1,1,1-Trichloroethane
 Concen: 45.16 ug/l
 RT: 7.57 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 97 Resp: 203563
 Ion Ratio Lower Upper
 97 100
 99 63.6 50.4 75.6
 61 52.4 41.3 61.9

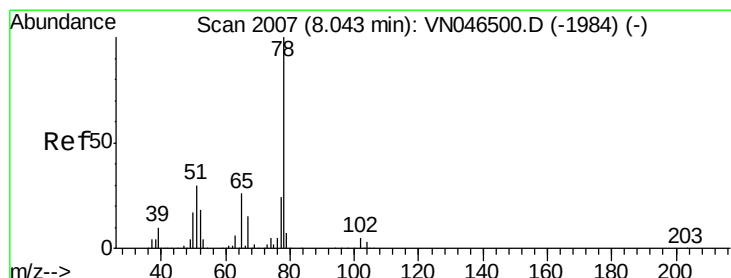
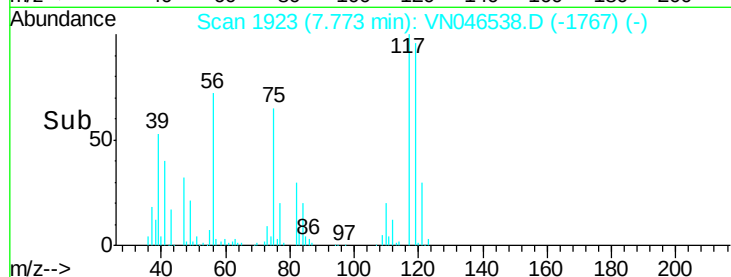
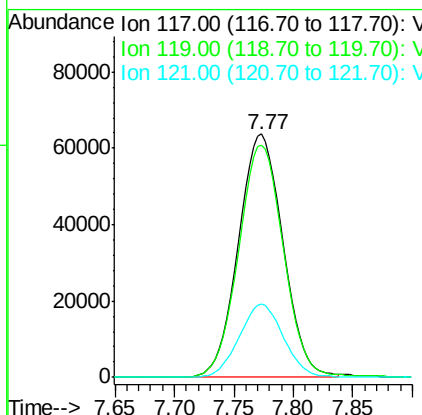
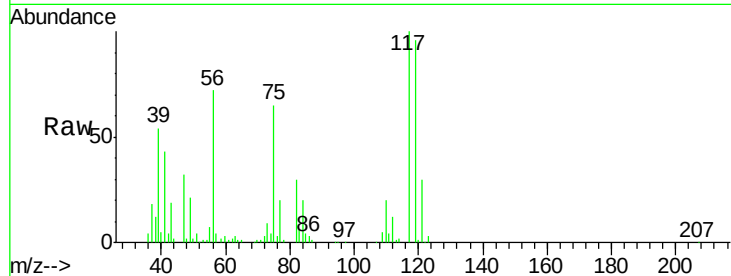




#33
Carbon Tetrachloride
Concen: 43.53 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

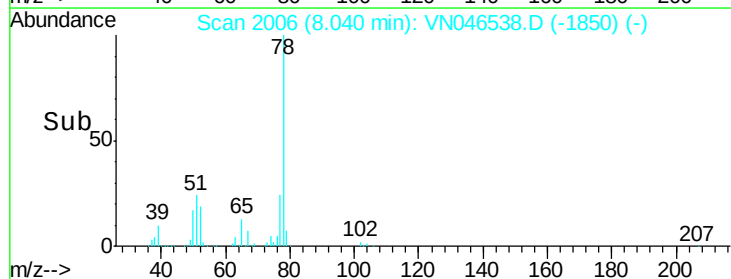
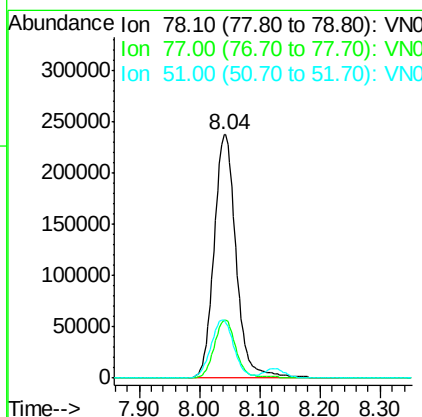
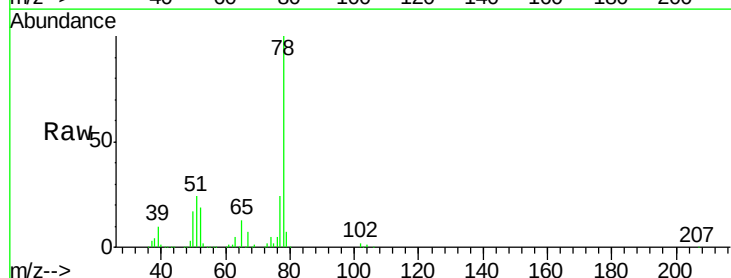
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

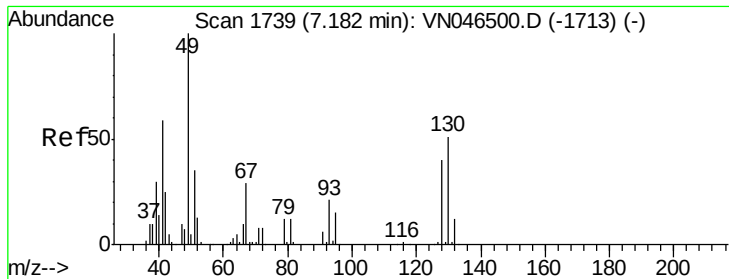
Tgt Ion: 117 Resp: 165256
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5
121 30.3 25.1 37.7



#34
Benzene
Concen: 45.42 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Tgt Ion: 78 Resp: 595042
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2
51 23.6 25.4 38.0#

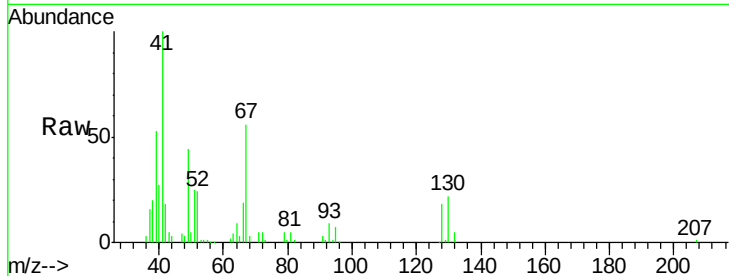




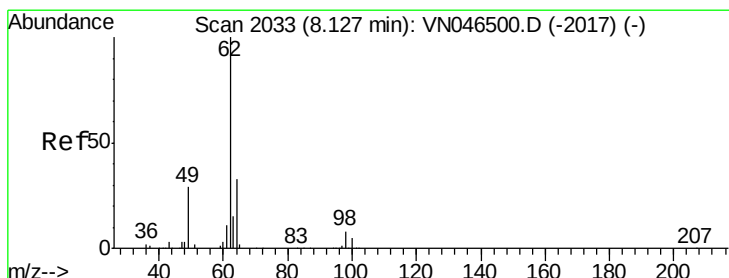
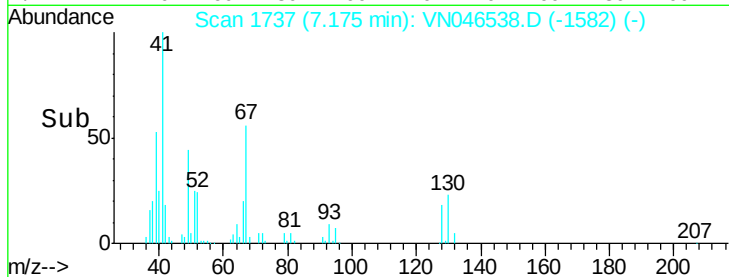
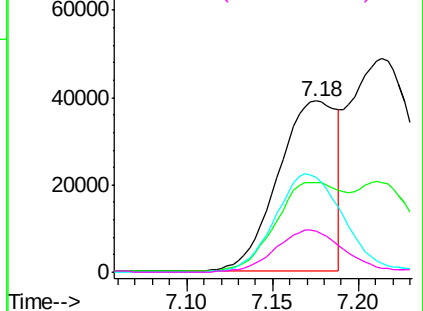
#35
Methacrylonitrile
Concen: 52.32 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Instrument :
MSVOA_N
ClientSampled :
VSTDIC050

Tgt Ion:	41	Resp:	91694
Ion	Ratio	Lower	Upper
41	100		
39	52.6	26.6	79.8
67	56.0	28.0	83.9
52	24.0	12.7	38.1

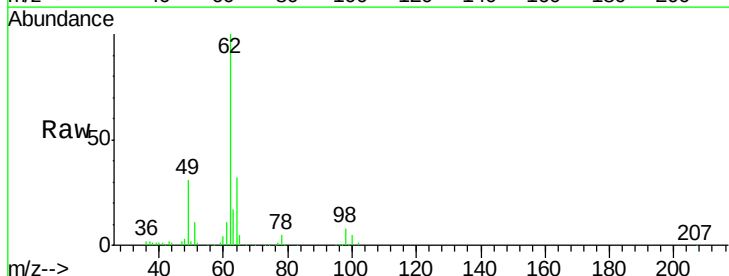


Abundance Ion 41.00 (40.70 to 41.70): VN046538.D (-1582) (-)
Ion 39.00 (38.70 to 39.70): VN046538.D (-1582) (-)
Ion 67.00 (66.70 to 67.70): VN046538.D (-1582) (-)
Ion 52.00 (51.70 to 52.70): VN046538.D (-1582) (-)

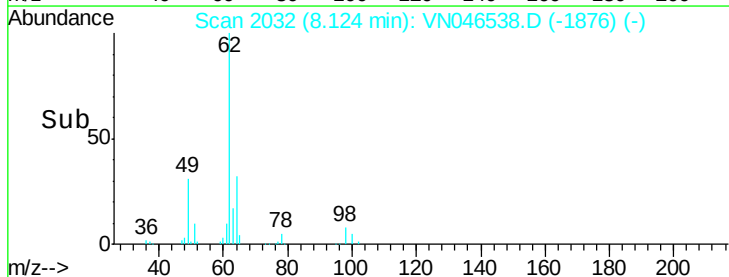
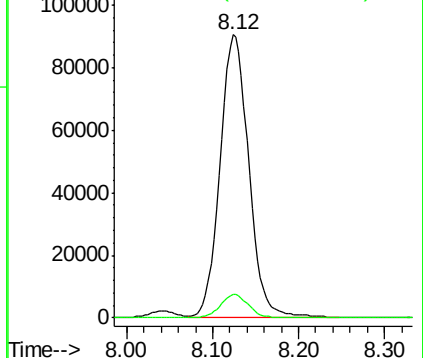


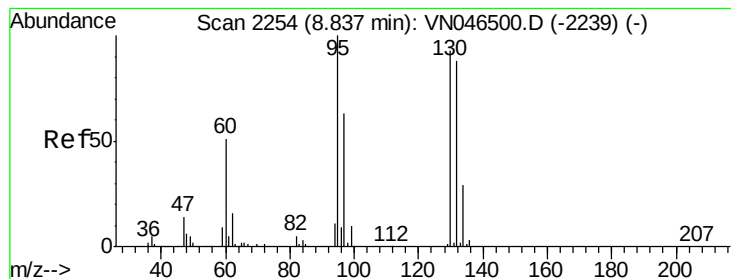
#36
1,2-Dichloroethane
Concen: 45.21 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Tgt Ion:	62	Resp:	209602
Ion	Ratio	Lower	Upper
62	100		
98	8.1	6.7	10.1



Abundance Ion 62.00 (61.70 to 62.70): VN046538.D (-1876) (-)
Ion 98.00 (97.70 to 98.70): VN046538.D (-1876) (-)





#37

Trichloroethene

Concen: 47.61 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

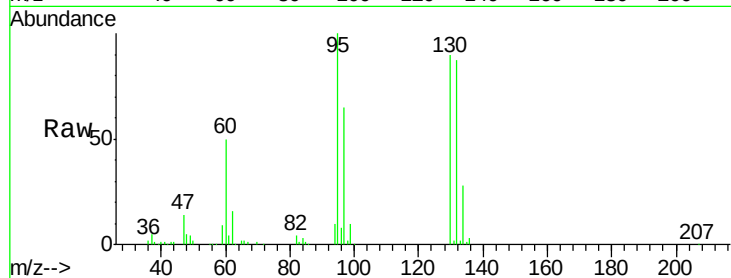
VSTDIC050

Tgt Ion:130 Resp: 134022

Ion Ratio Lower Upper

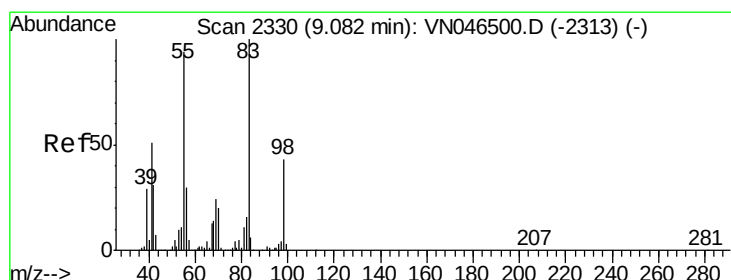
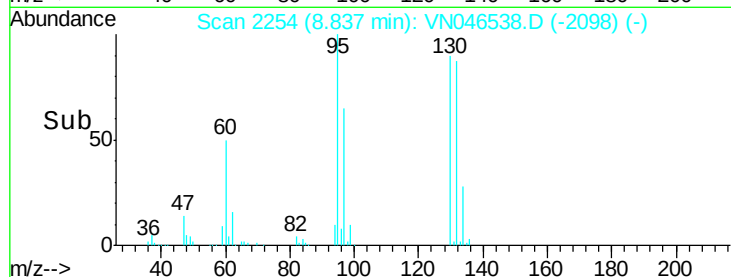
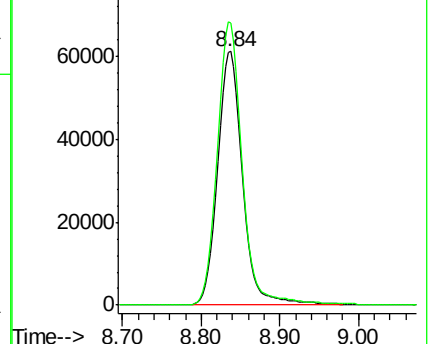
130 100

95 110.6 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: 54.29 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

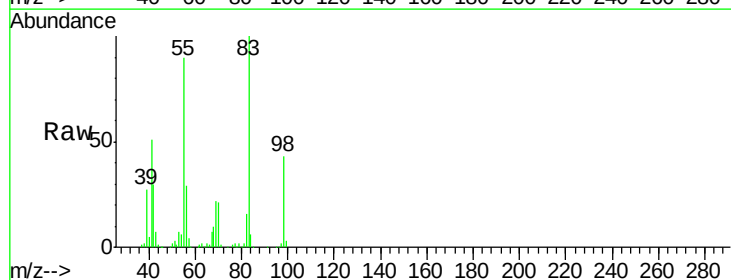
Tgt Ion: 83 Resp: 239091

Ion Ratio Lower Upper

83 100

55 88.8 43.9 131.6

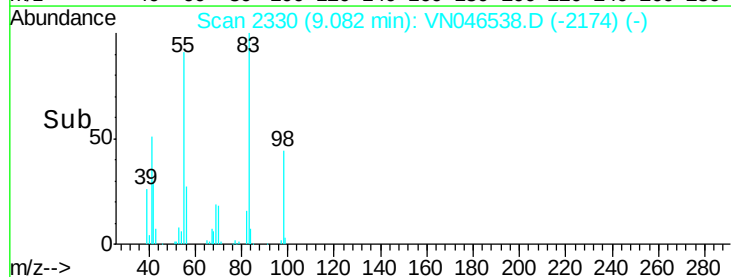
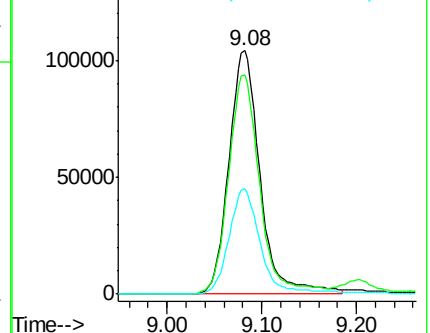
98 43.0 21.1 63.4

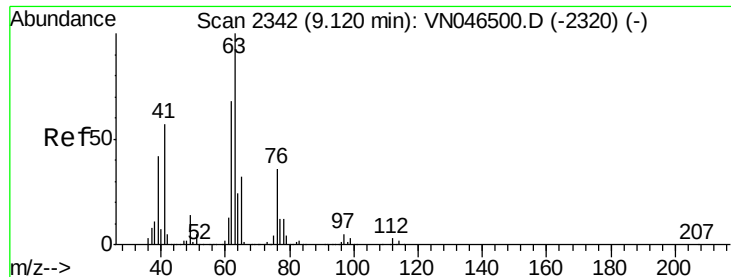


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 46.04 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

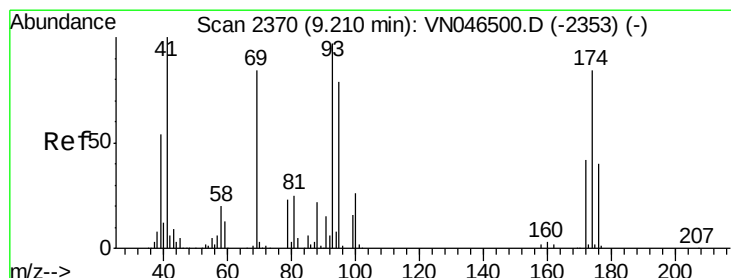
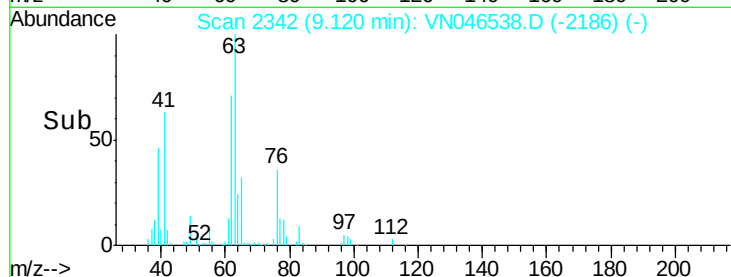
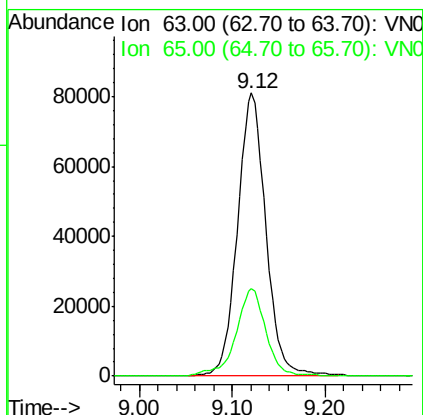
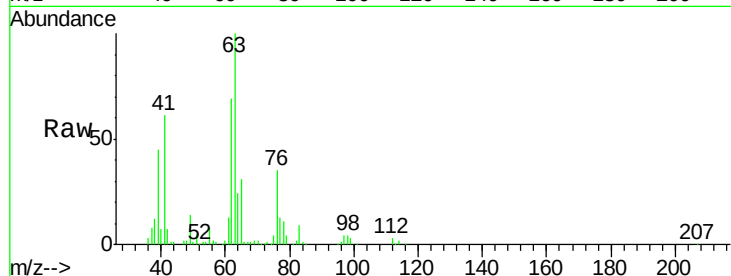
VSTDIC050

Tgt Ion: 63 Resp: 172193

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#40

Dibromomethane

Concen: 44.95 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

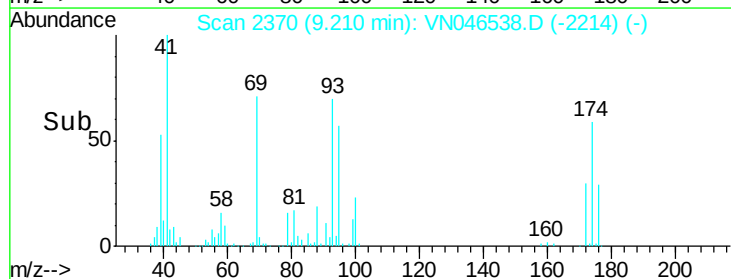
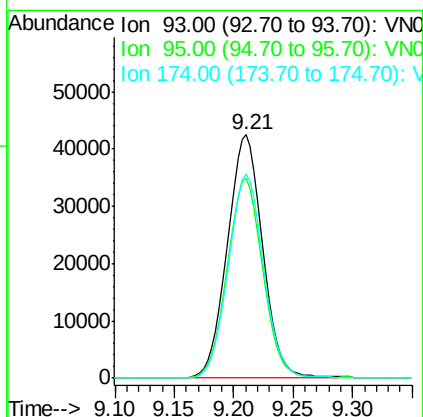
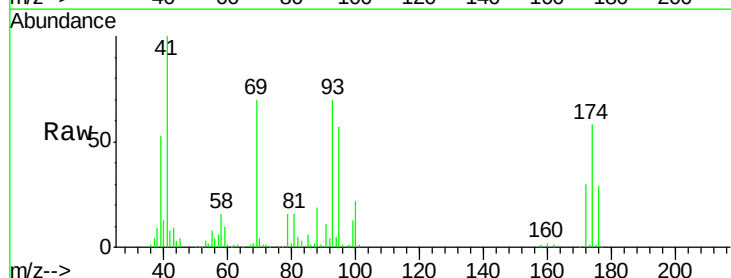
Tgt Ion: 93 Resp: 87260

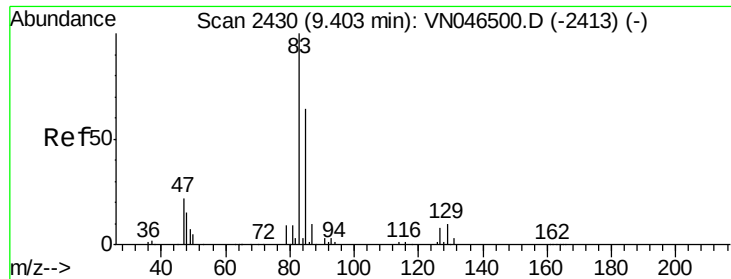
Ion Ratio Lower Upper

93 100

95 82.6 0.0 169.8

174 84.0 0.0 170.4

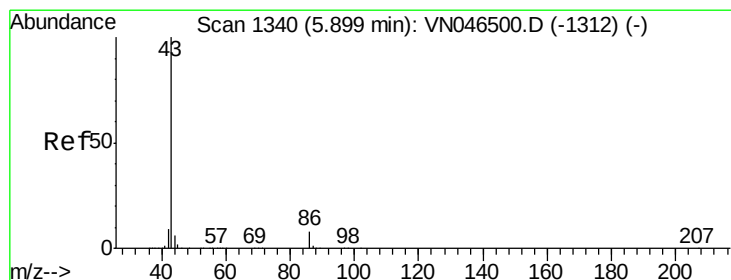
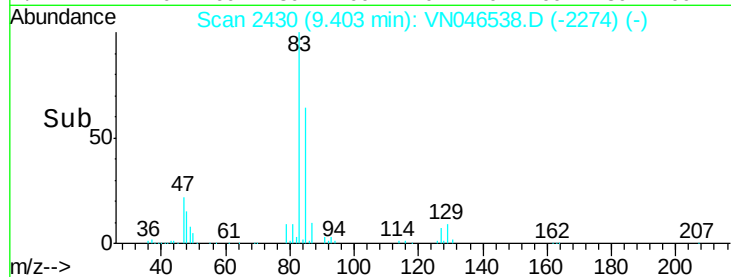
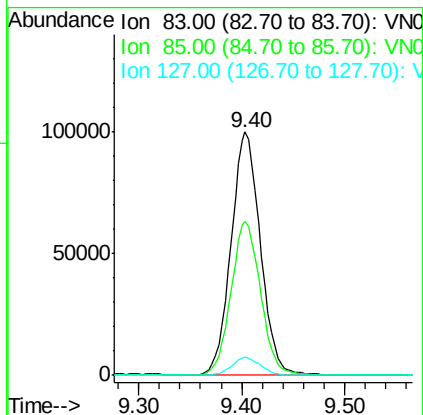
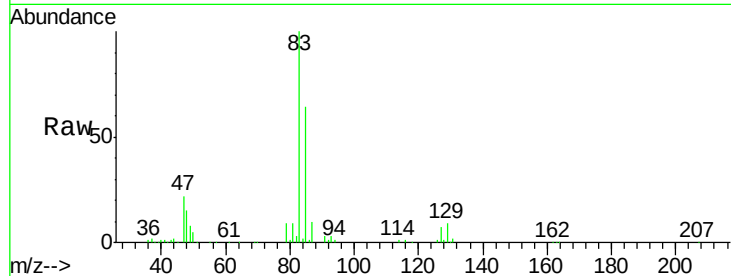




#41
 Bromodichloromethane
 Concen: 47.43 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

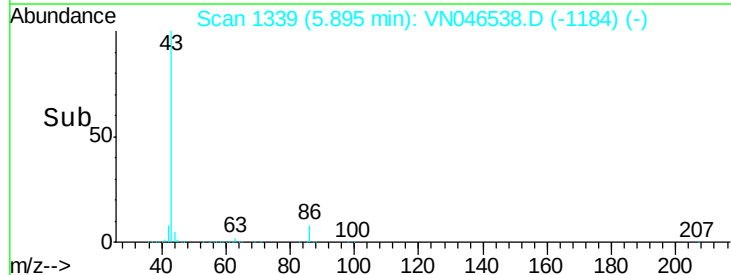
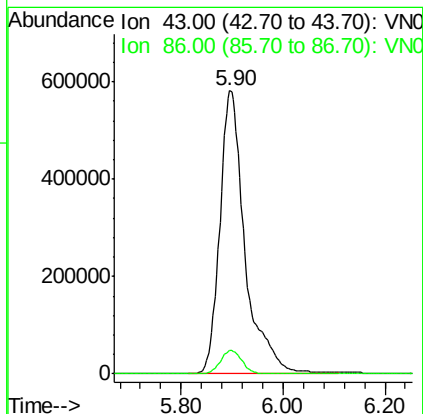
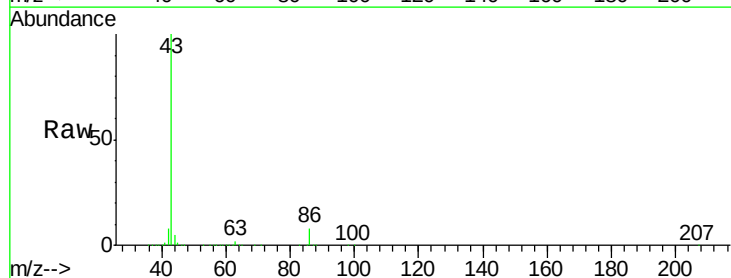
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

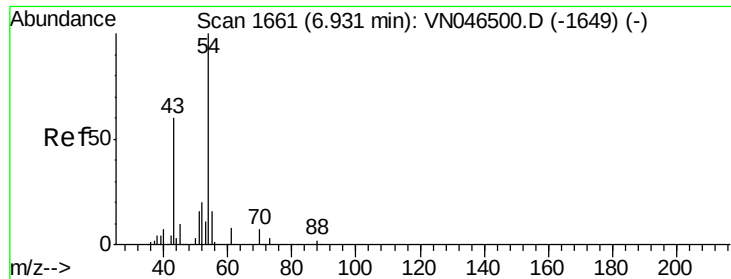
Tgt Ion: 83 Resp: 198319
 Ion Ratio Lower Upper
 83 100
 85 63.5 53.6 80.4
 127 7.4 6.0 9.0



#42
 Vinyl Acetate
 Concen: 265.74 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 43 Resp: 1992211
 Ion Ratio Lower Upper
 43 100
 86 7.2 5.7 8.5

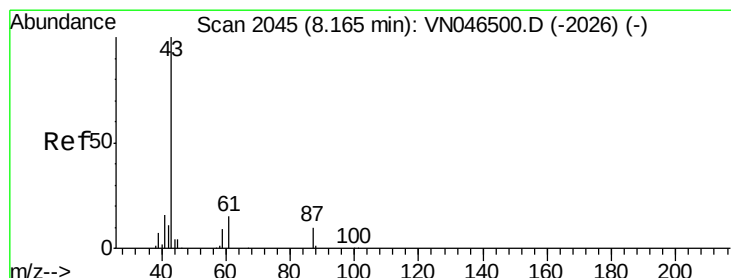
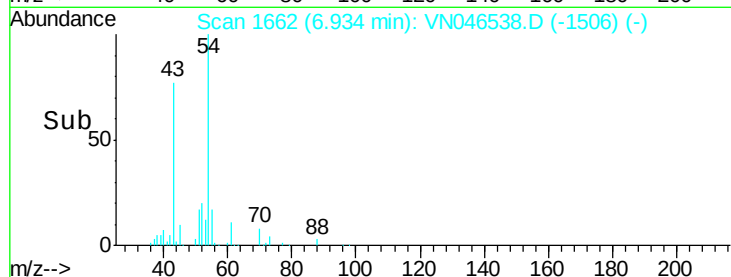
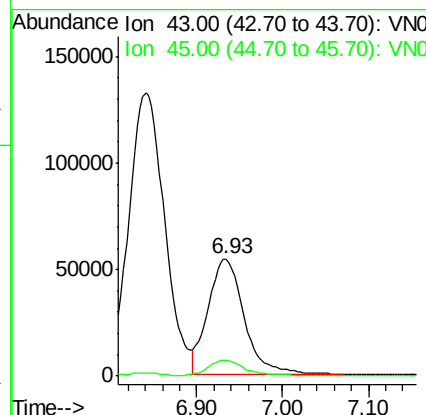
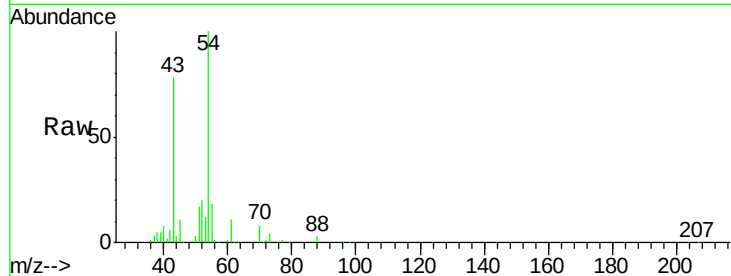




#43
Ethyl Acetate
Concen: 51.48 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

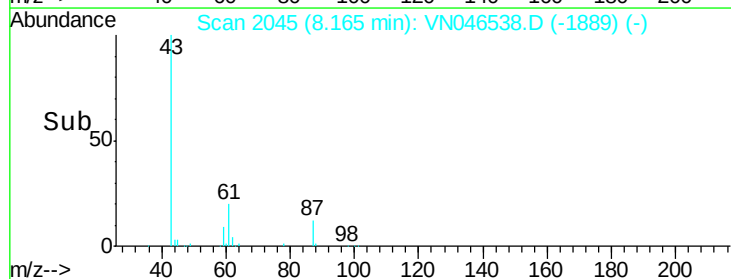
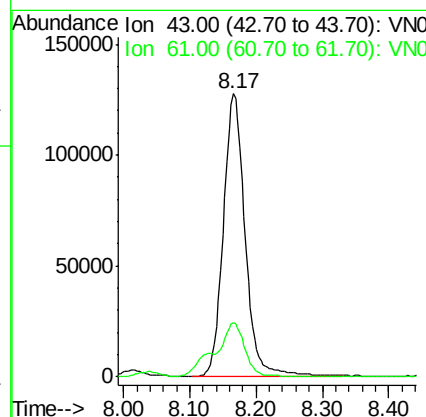
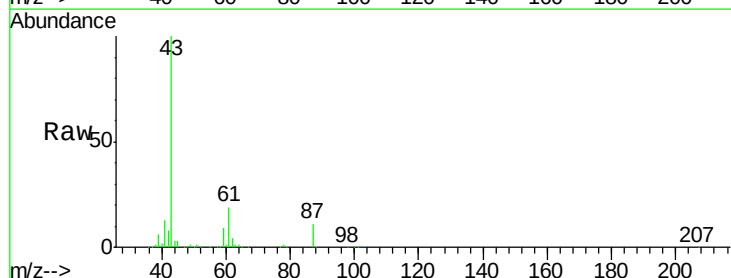
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

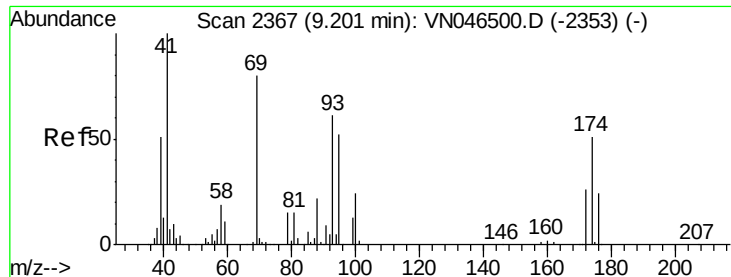
Tgt Ion: 43 Resp: 159802
Ion Ratio Lower Upper
43 100
45 14.2 10.4 15.6



#44
Isopropyl Acetate
Concen: 54.26 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Tgt Ion: 43 Resp: 289243
Ion Ratio Lower Upper
43 100
61 18.0 15.0 22.6





#45

1,4-Dioxane

Concen: 1028.43 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

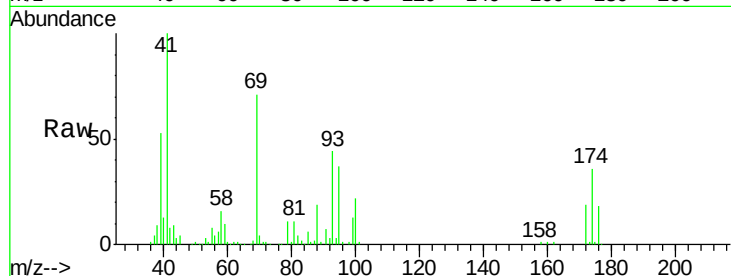
Tgt Ion: 88 Resp: 30518

Ion Ratio Lower Upper

88 100

43 42.0 35.2 52.8

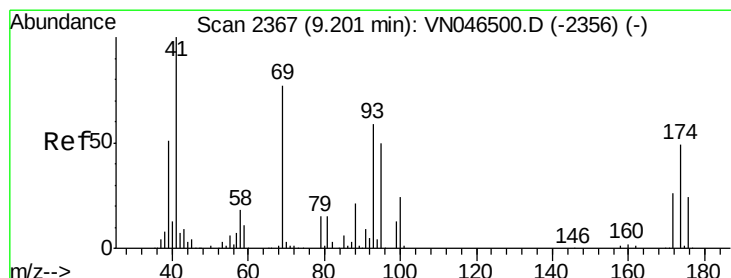
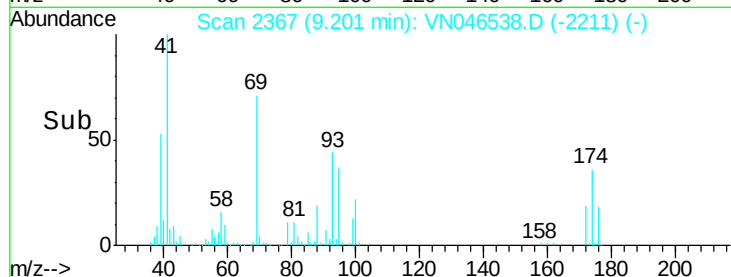
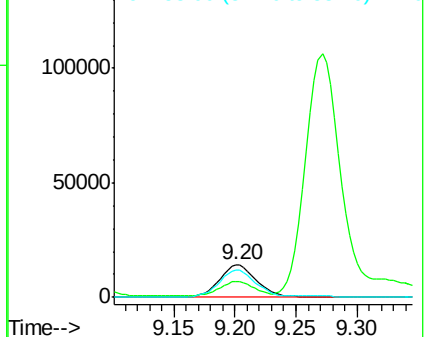
58 83.7 71.2 106.8



Abundance Ion 88.00 (87.70 to 88.70): VN046538.D (-2211) (-)

Ion 43.00 (42.70 to 43.70): VN046538.D (-2211) (-)

Ion 58.00 (57.70 to 58.70): VN046538.D (-2211) (-)



#46

Methyl methacrylate

Concen: 57.84 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

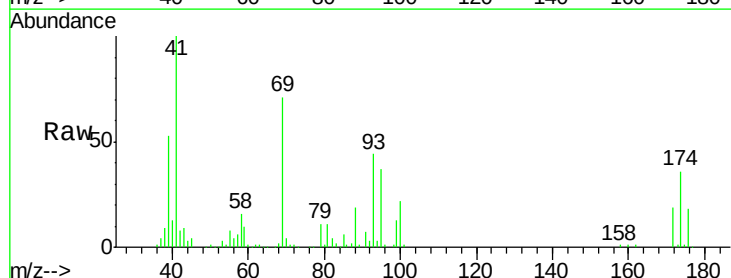
Tgt Ion: 41 Resp: 141091

Ion Ratio Lower Upper

41 100

69 72.7 36.0 108.0

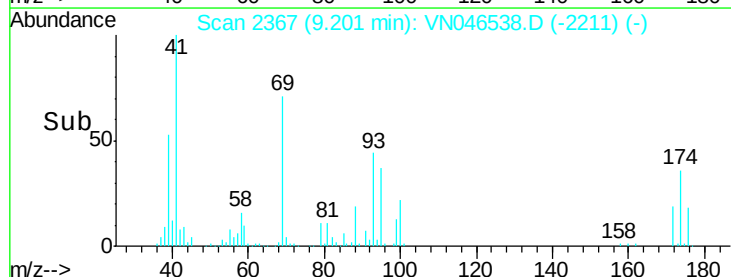
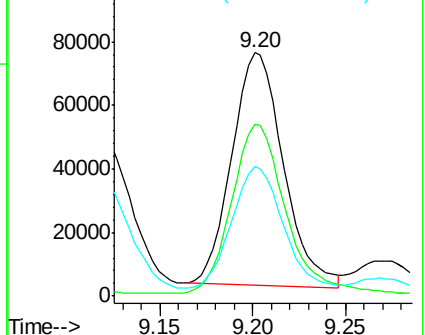
39 52.4 27.6 82.8

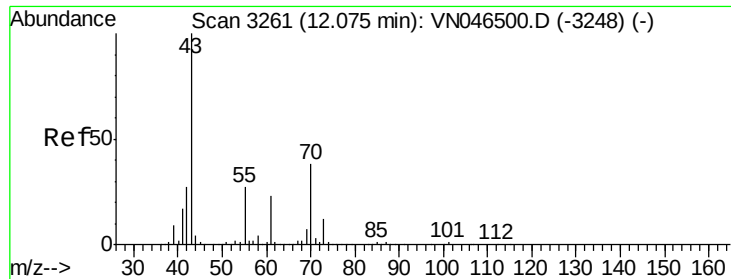


Abundance Ion 41.00 (40.70 to 41.70): VN046538.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN046538.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN046538.D (-2211) (-)





#47

n-amyl Acetate

Concen: 53.73 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

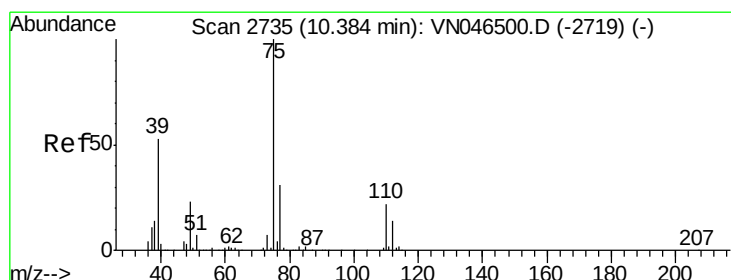
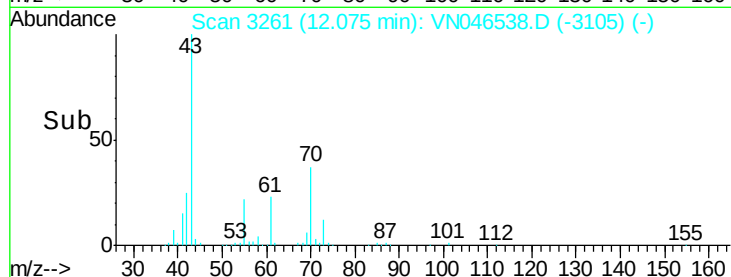
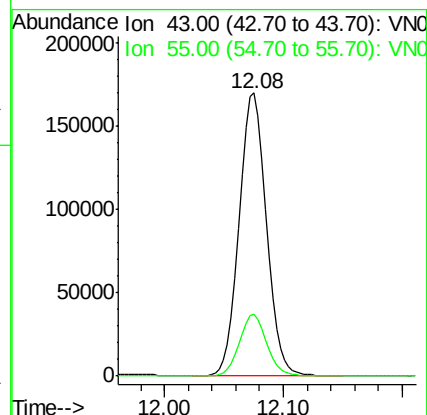
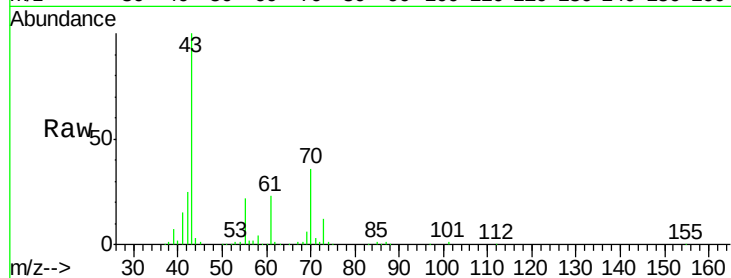
VSTDIC050

Tgt Ion: 43 Resp: 268745

Ion Ratio Lower Upper

43 100

55 21.7 17.6 26.4



#48

t-1,3-Dichloropropene

Concen: 52.06 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN046538.D

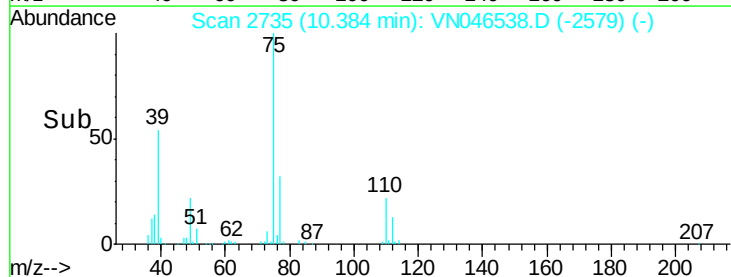
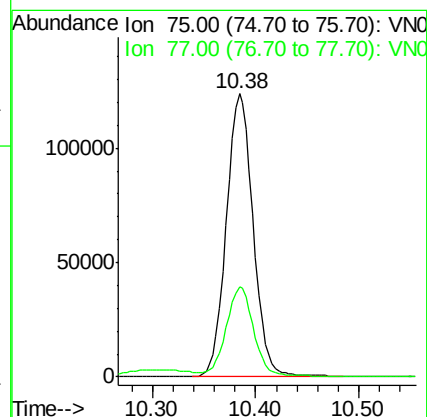
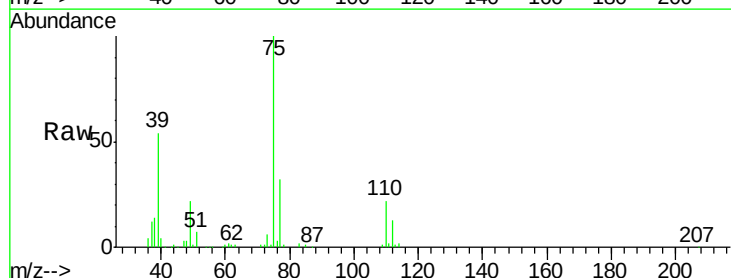
Acq: 24 Jan 2018 11:11

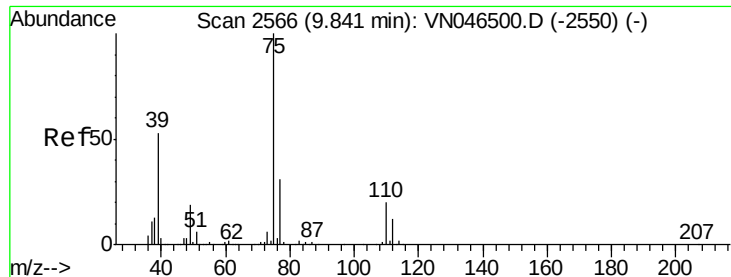
Tgt Ion: 75 Resp: 224558

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 50.93 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

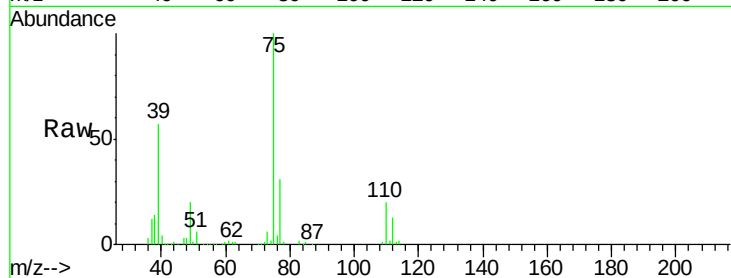
Tgt Ion: 75 Resp: 256554

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

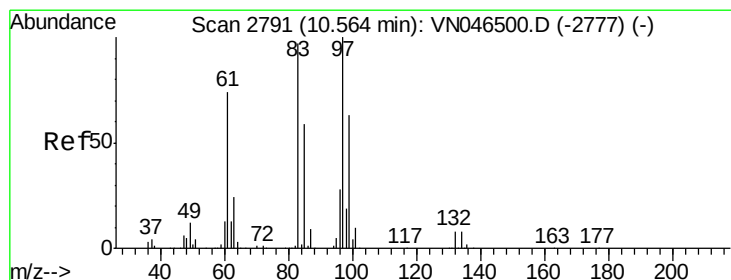
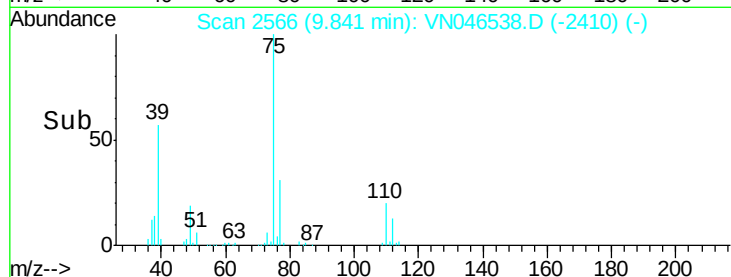
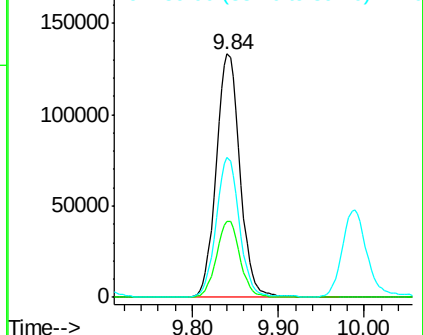
39 57.0 45.1 67.7



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane

Concen: 45.41 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Tgt Ion: 97 Resp: 123278

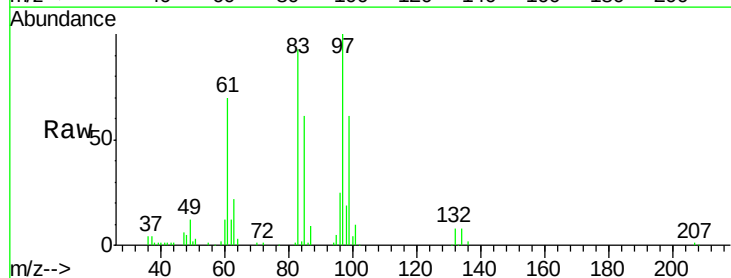
Ion Ratio Lower Upper

97 100

83 92.9 74.8 112.2

85 60.9 47.5 71.3

99 61.0 49.4 74.0

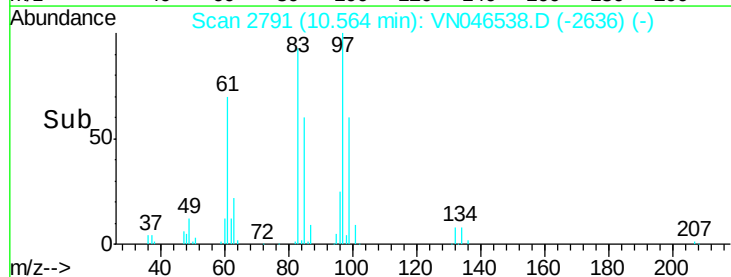
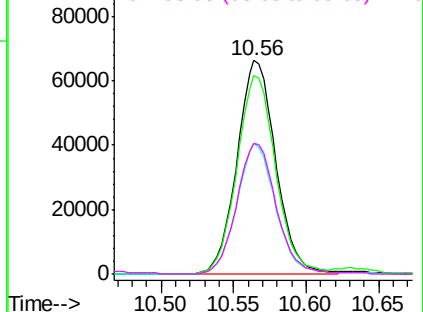


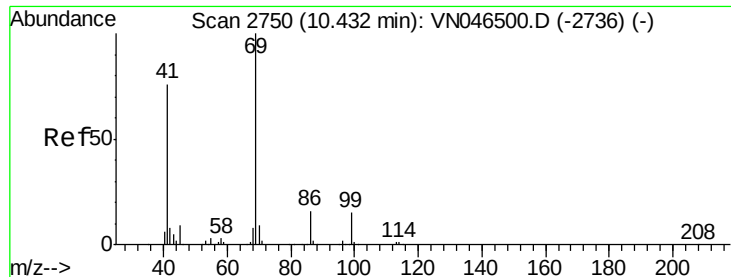
Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 57.78 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampled :

VSTDIC050

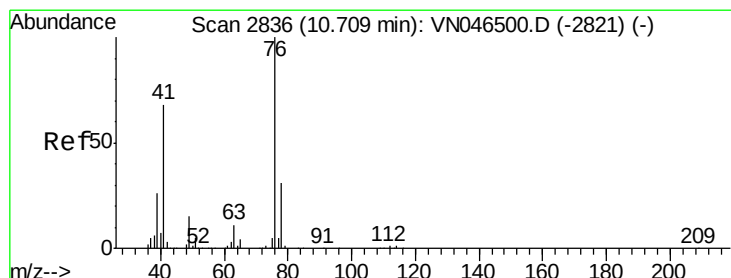
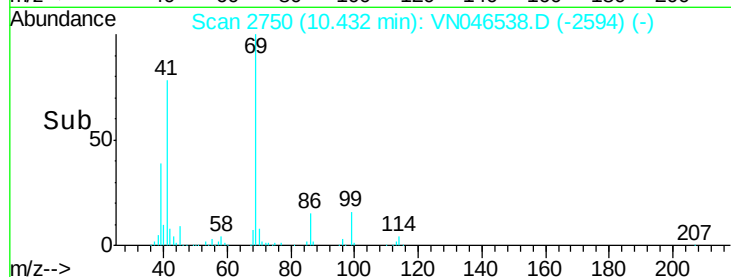
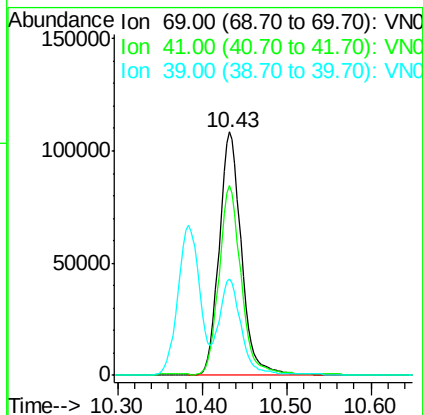
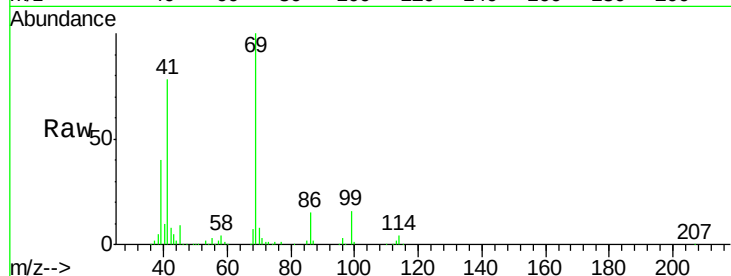
Tgt Ion: 69 Resp: 198356

Ion Ratio Lower Upper

69 100

41 77.5 37.8 113.4

39 39.4 19.3 57.8



#52

1,3-Dichloropropane

Concen: 46.63 ug/l

RT: 10.71 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN046538.D

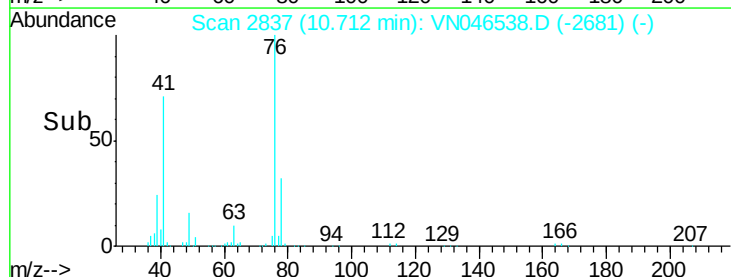
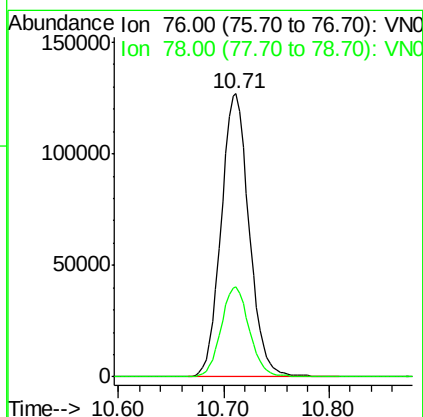
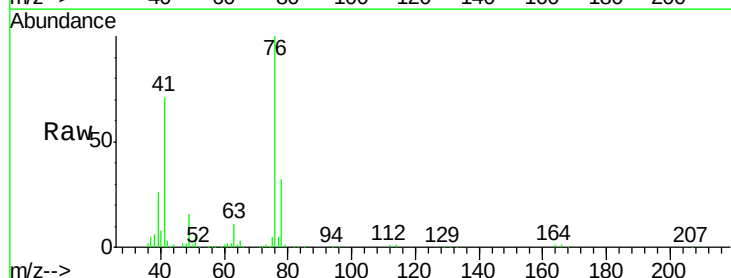
Acq: 24 Jan 2018 11:11

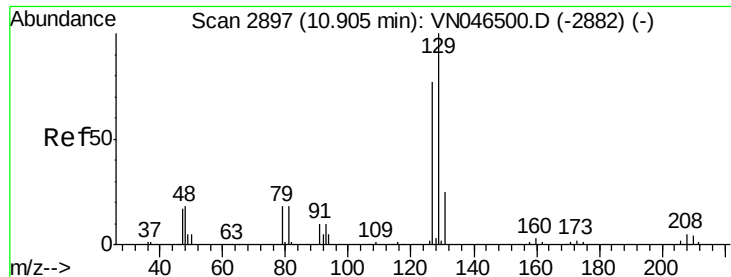
Tgt Ion: 76 Resp: 233809

Ion Ratio Lower Upper

76 100

78 32.0 0.0 63.6





#53

Dibromochloromethane

Concen: 49.21 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

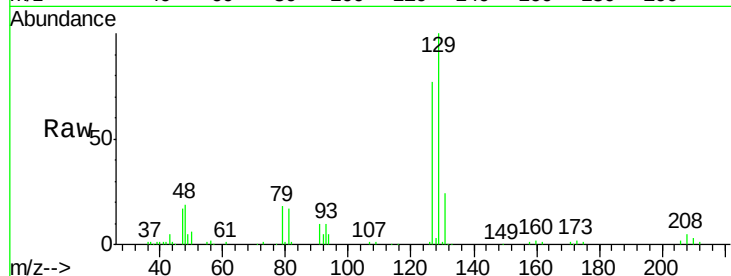
VSTDIC050

Tgt Ion:129 Resp: 128575

Ion Ratio Lower Upper

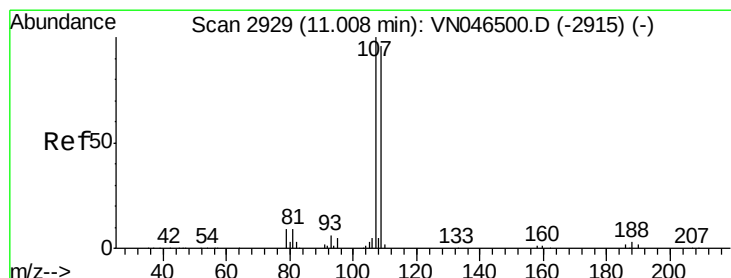
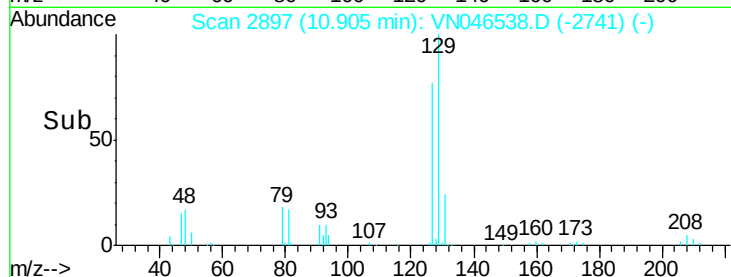
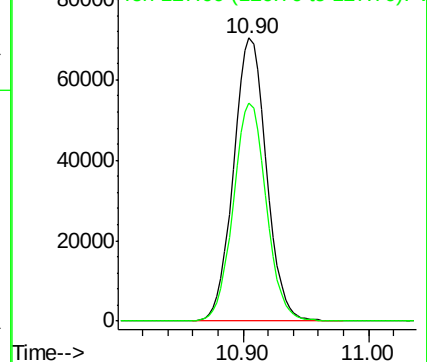
129 100

127 77.1 38.6 116.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 45.36 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN046538.D

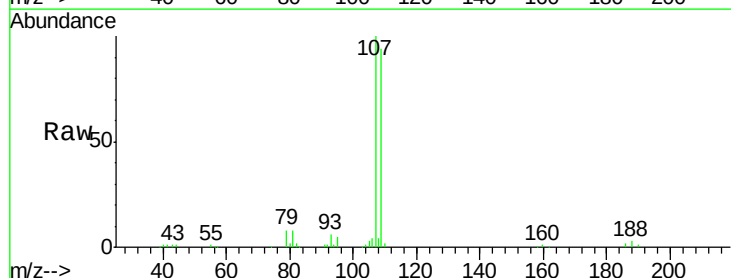
Acq: 24 Jan 2018 11:11

Tgt Ion:107 Resp: 110972

Ion Ratio Lower Upper

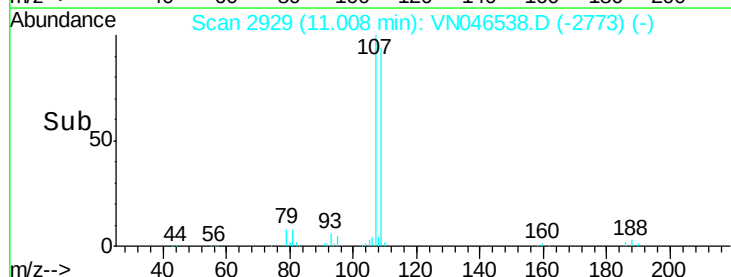
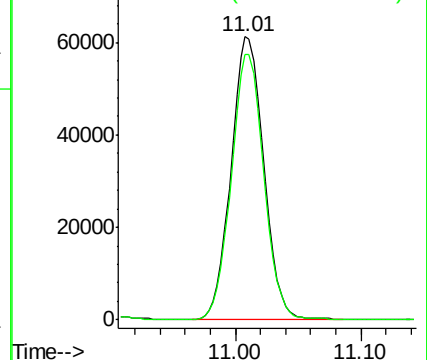
107 100

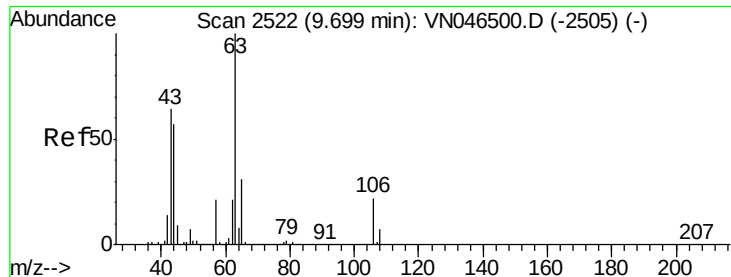
109 93.5 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 242.51 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

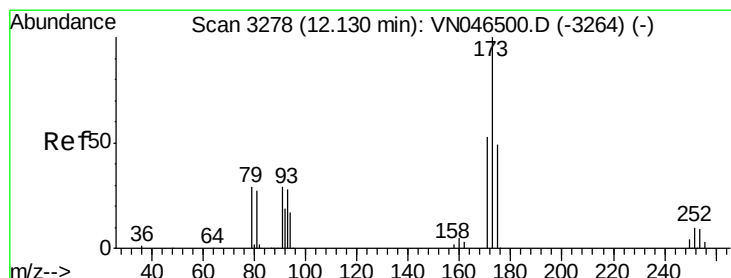
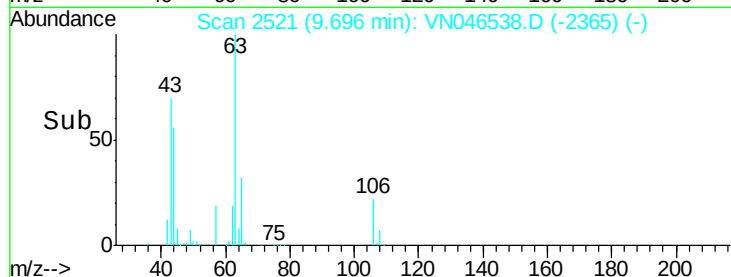
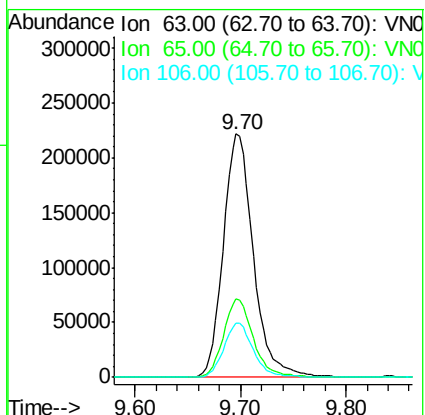
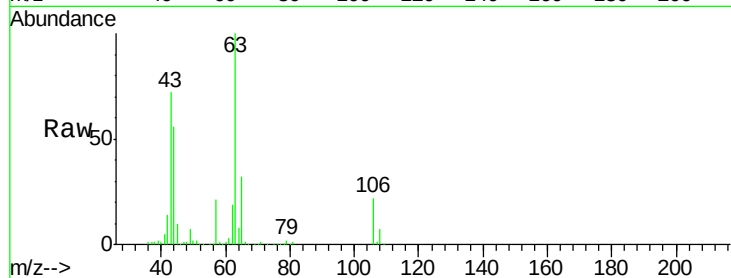
Tgt Ion: 63 Resp: 437391

Ion Ratio Lower Upper

63 100

65 32.0 25.7 38.5

106 21.9 17.7 26.5



#56

Bromoform

Concen: 51.36 ug/l

RT: 12.13 min Scan# 3279

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

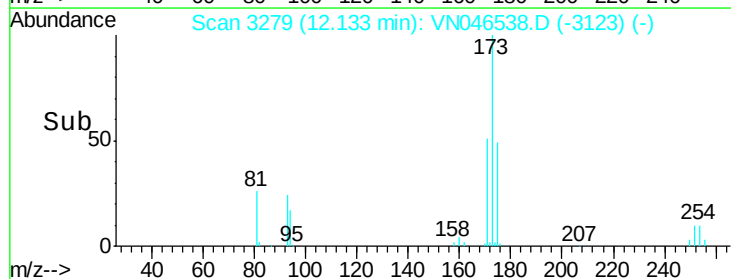
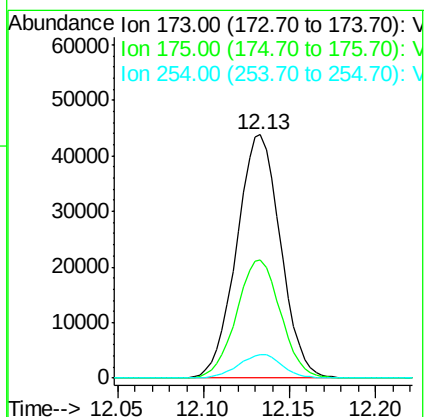
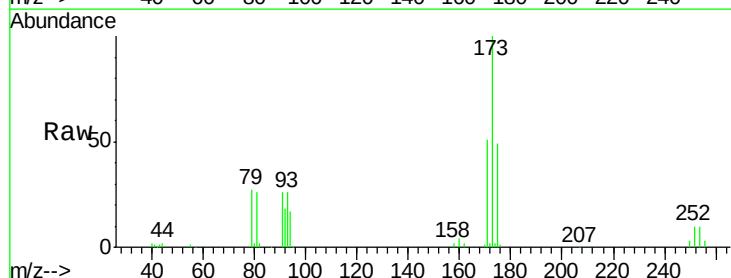
Tgt Ion: 173 Resp: 77693

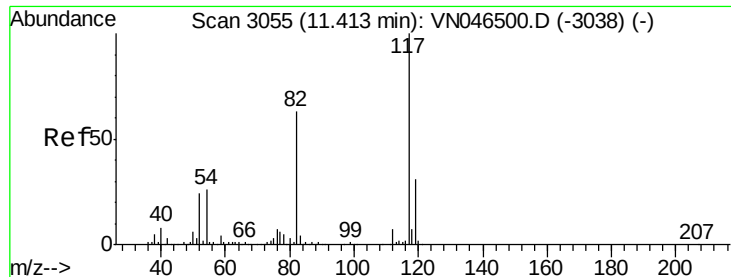
Ion Ratio Lower Upper

173 100

175 48.6 38.5 57.7

254 9.5 7.3 10.9

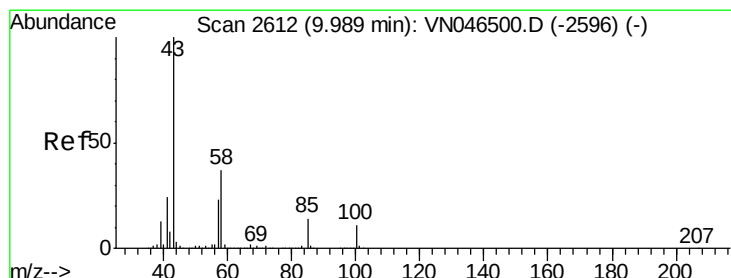
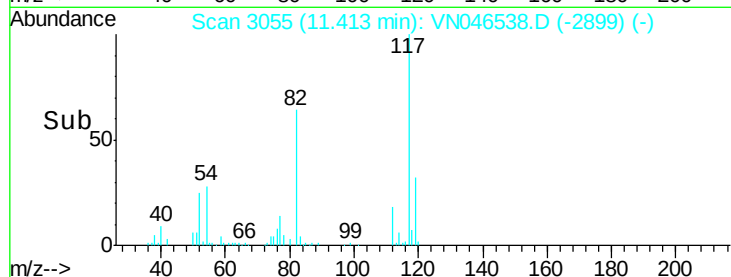
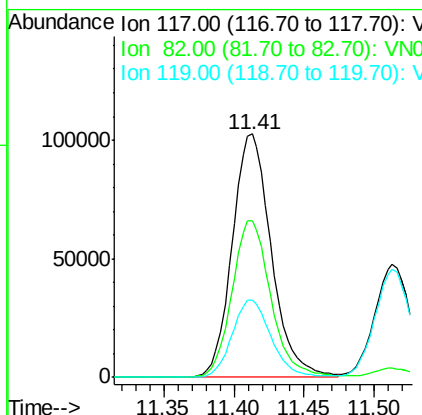
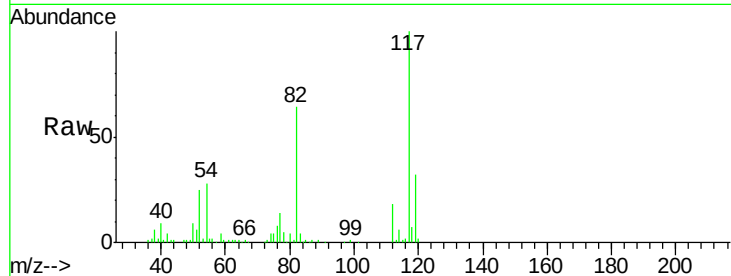




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

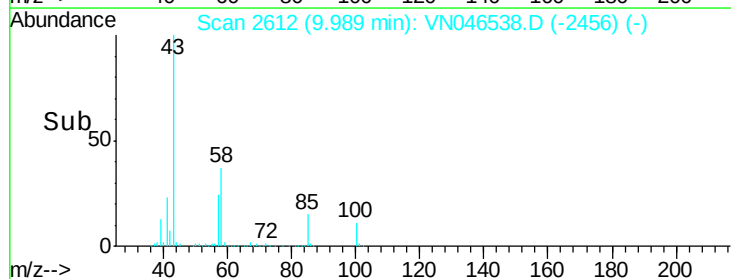
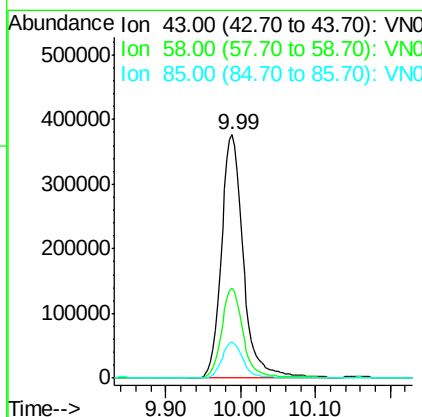
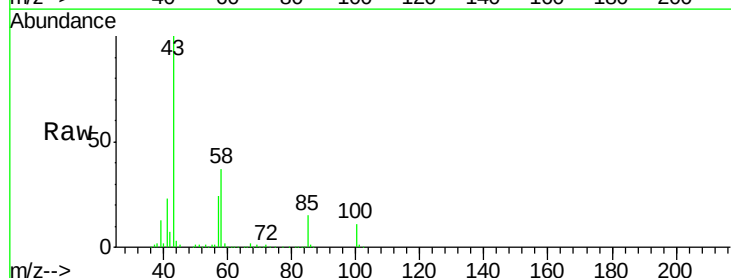
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

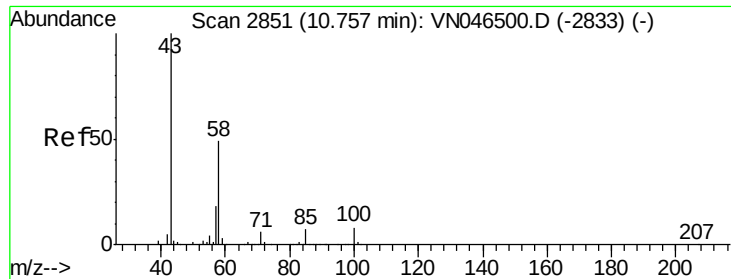
Tgt Ion: 117 Resp: 199459
Ion Ratio Lower Upper
117 100
82 64.2 51.5 77.3
119 31.7 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 273.50 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Tgt Ion: 43 Resp: 759519
Ion Ratio Lower Upper
43 100
58 36.5 29.4 44.2
85 14.6 11.5 17.3

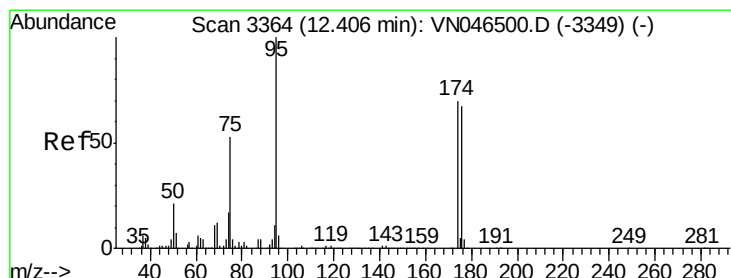
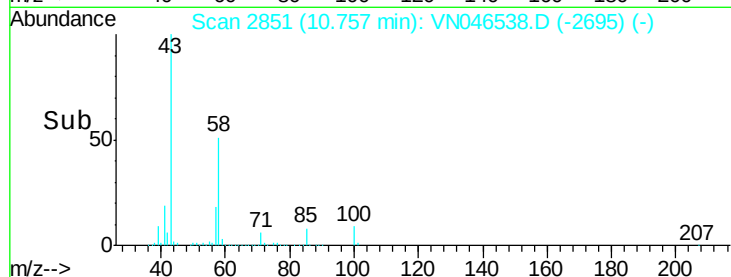
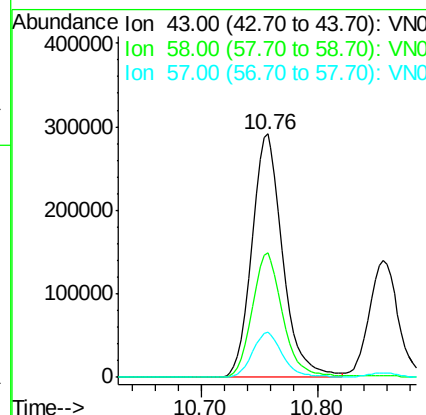
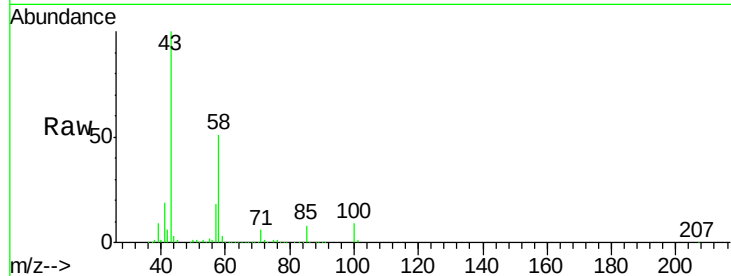




#59
 2-Hexanone
 Concen: 273.44 ug/l
 RT: 10.76 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

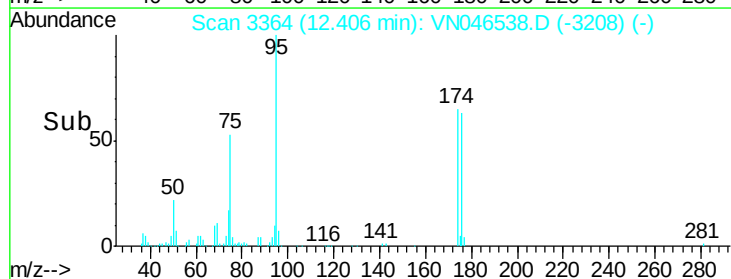
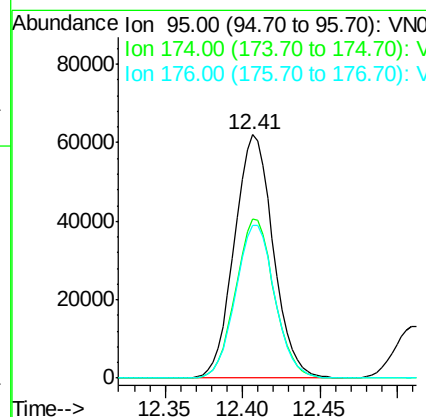
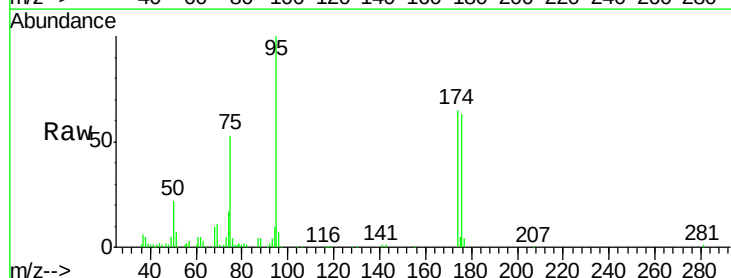
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

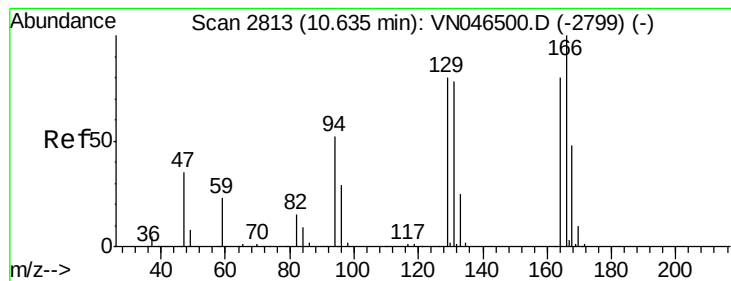
Tgt Ion: 43 Resp: 538128
 Ion Ratio Lower Upper
 43 100
 58 51.2 41.4 62.0
 57 18.4 14.9 22.3



#60
 4-Bromofluorobenzene
 Concen: 31.92 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion: 95 Resp: 108193
 Ion Ratio Lower Upper
 95 100
 174 64.8 52.5 78.7
 176 63.3 50.6 75.8





#61

Tetrachloroethene

Concen: 49.73 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampled :

VSTDIC050

Tgt Ion:164 Resp: 110971

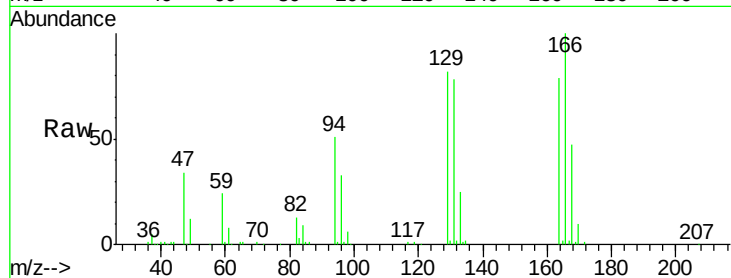
Ion Ratio Lower Upper

164 100

166 126.9 101.6 152.4

129 103.6 83.8 125.6

131 99.2 79.8 119.8

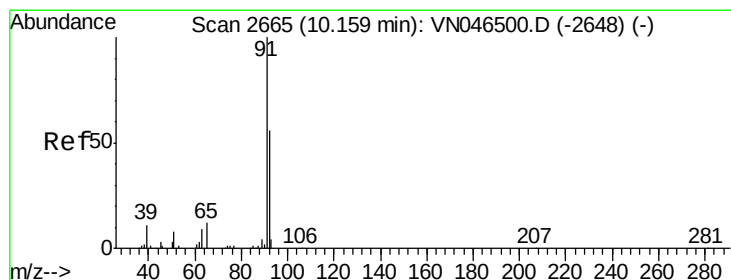
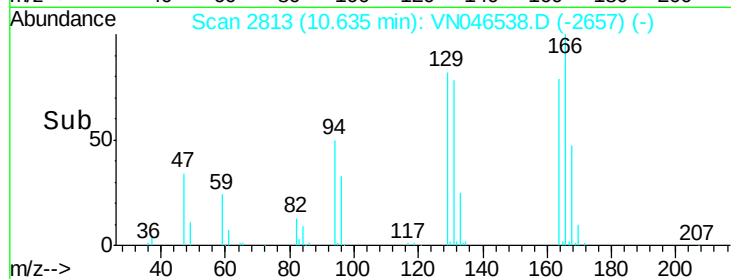
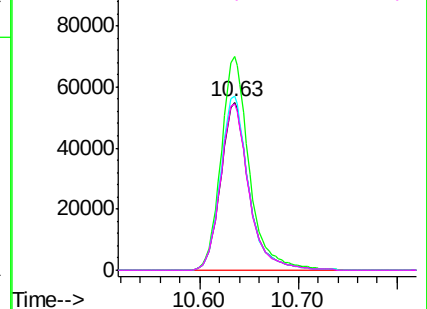


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 47.66 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN046538.D

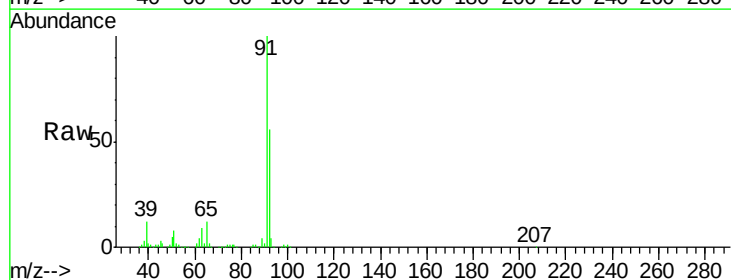
Acq: 24 Jan 2018 11:11

Tgt Ion: 91 Resp: 596651

Ion Ratio Lower Upper

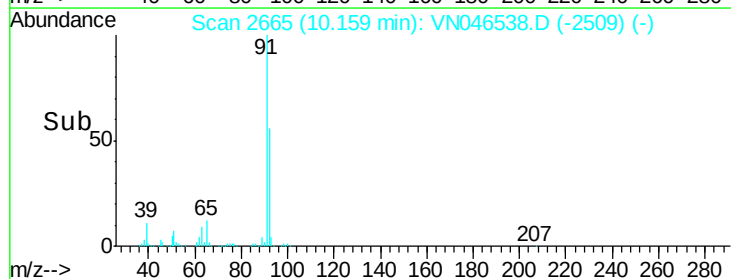
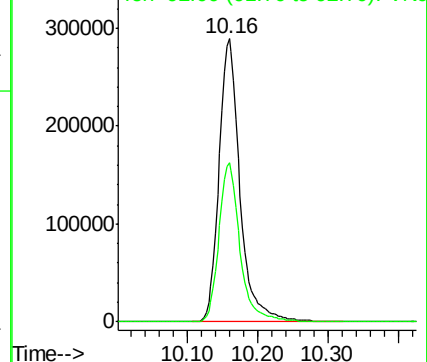
91 100

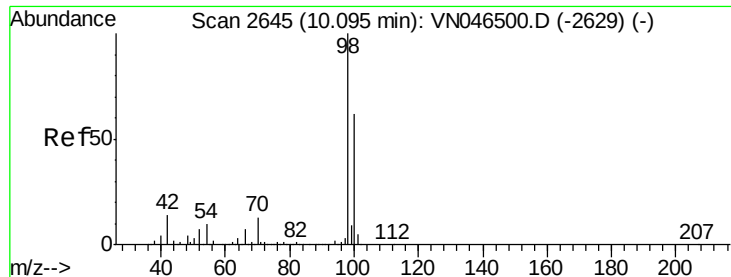
92 56.7 45.6 68.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 28.94 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampled :

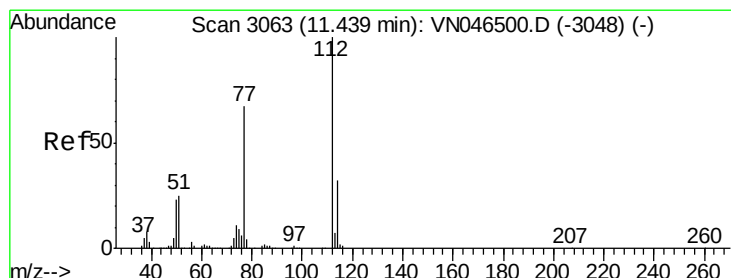
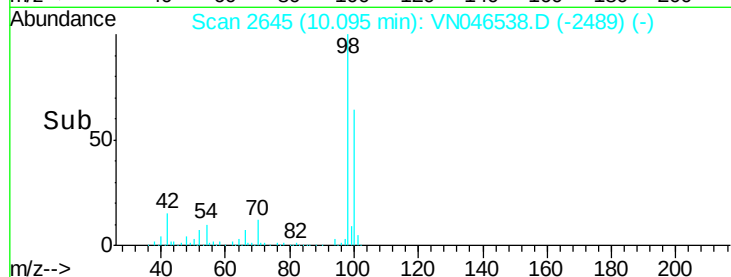
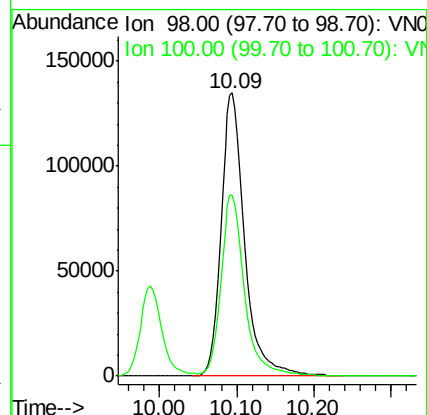
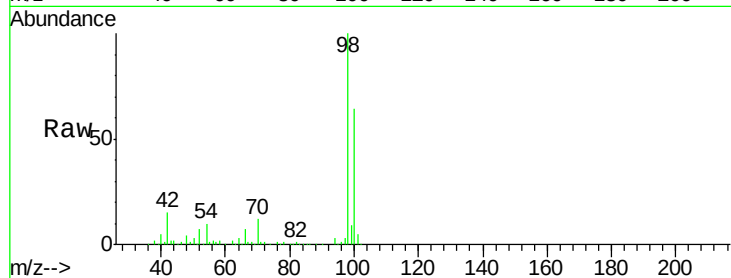
VSTDIC050

Tgt Ion: 98 Resp: 287955

Ion Ratio Lower Upper

98 100

100 64.3 50.8 76.2



#64

Chlorobenzene

Concen: 48.70 ug/l

RT: 11.44 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN046538.D

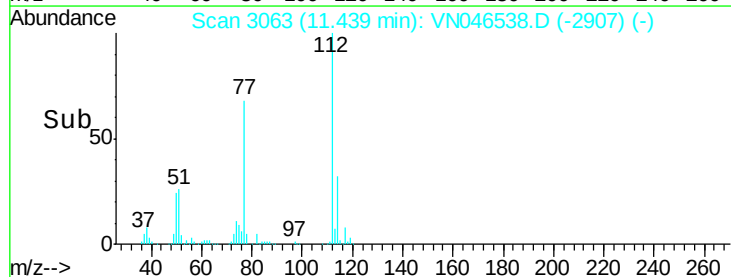
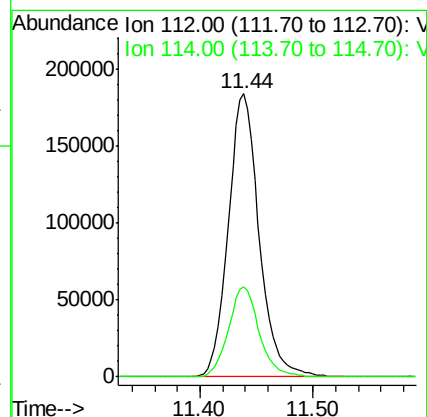
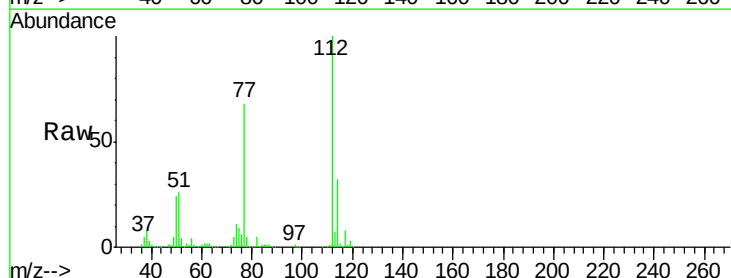
Acq: 24 Jan 2018 11:11

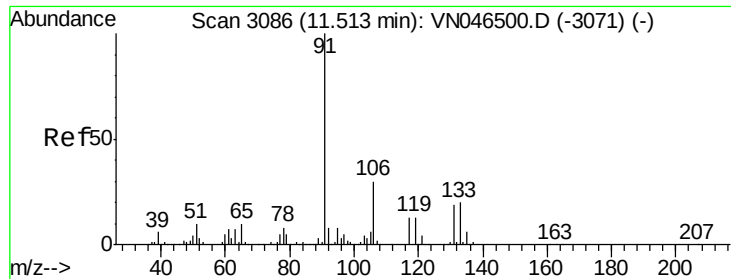
Tgt Ion: 112 Resp: 347591

Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 48.90 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

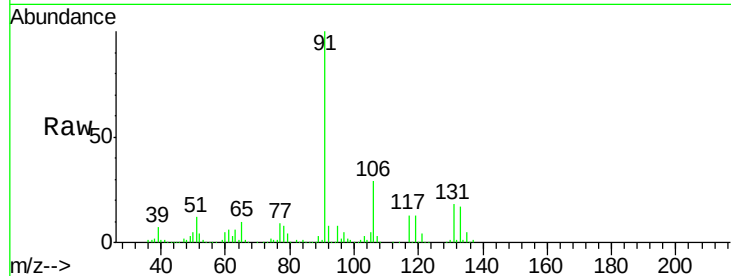
Tgt Ion:131 Resp: 117834

Ion Ratio Lower Upper

131 100

133 94.3 0.0 191.6

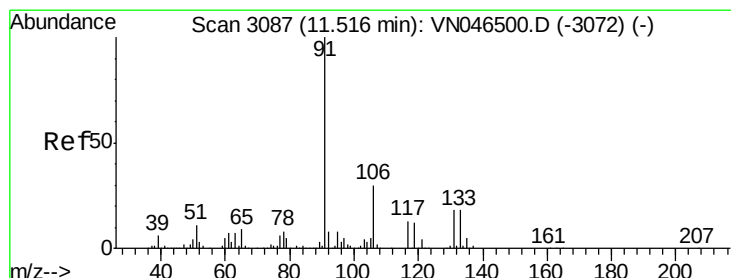
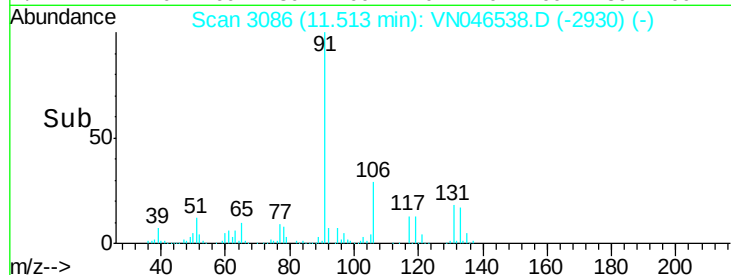
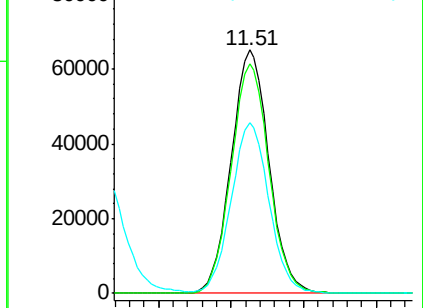
119 70.0 0.0 141.2



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: 52.81 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VN046538.D

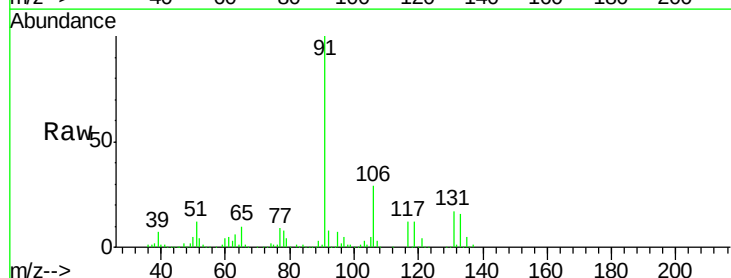
Acq: 24 Jan 2018 11:11

Tgt Ion: 91 Resp: 654270

Ion Ratio Lower Upper

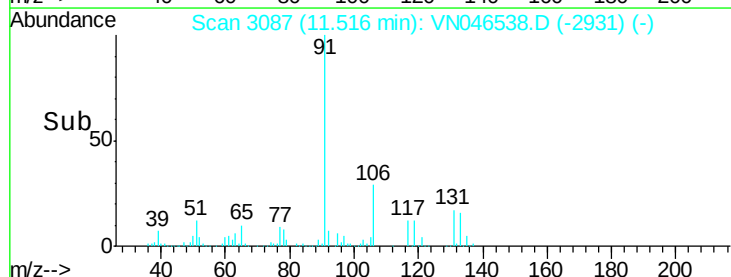
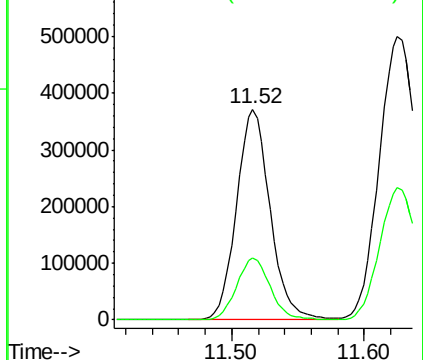
91 100

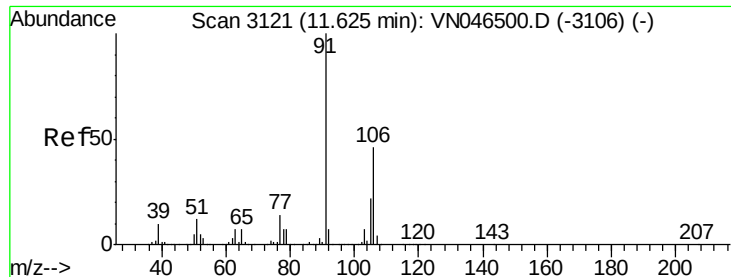
106 29.3 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

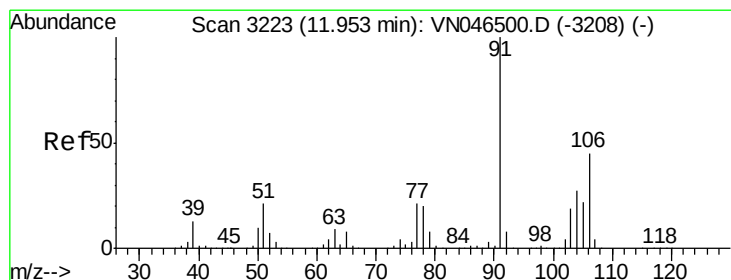
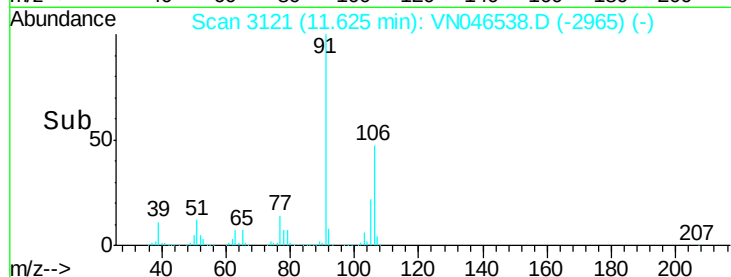
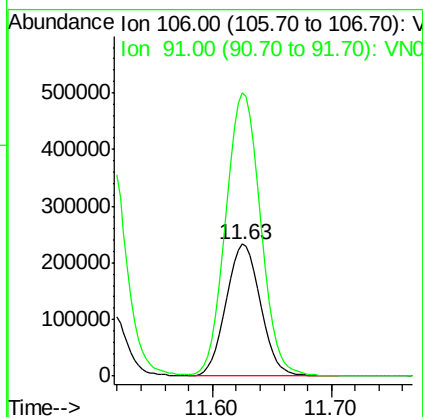
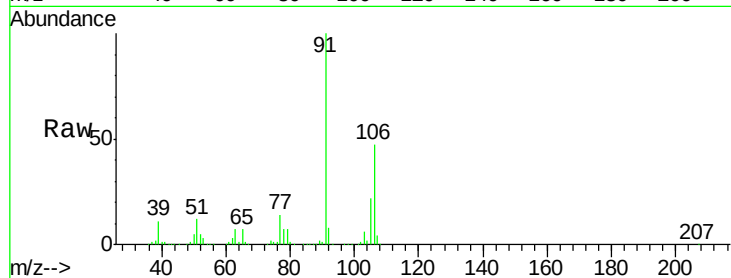




#67
m/p-Xylenes
Concen: 102.88 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

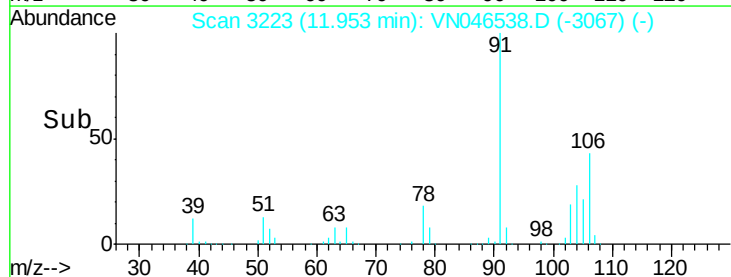
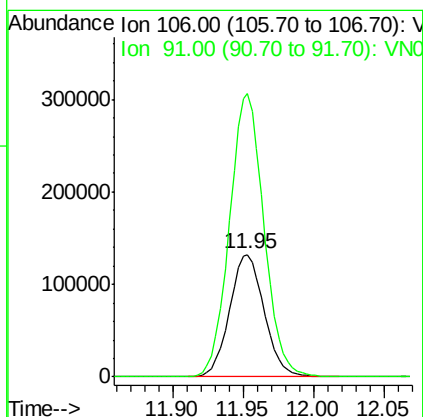
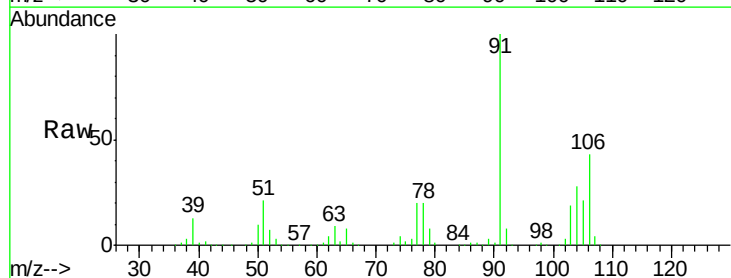
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

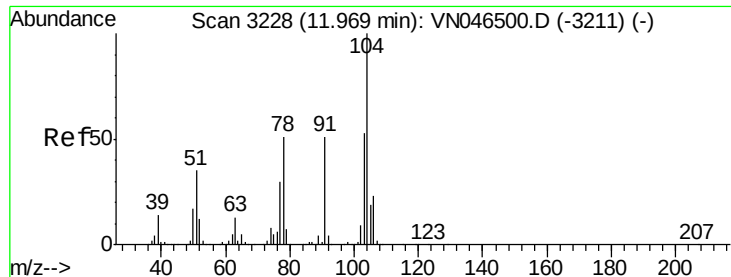
Tgt Ion:106 Resp: 468729
Ion Ratio Lower Upper
106 100
91 217.1 173.8 260.8



#68
o-Xylene
Concen: 52.22 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Tgt Ion:106 Resp: 227427
Ion Ratio Lower Upper
106 100
91 229.4 115.7 346.9





#69

Styrene

Concen: 54.47 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampled :

VSTDIC050

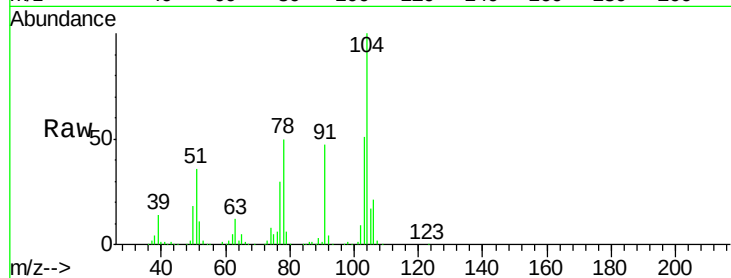
Tgt Ion:104 Resp: 380004

Ion Ratio Lower Upper

104 100

78 55.9 45.5 68.3

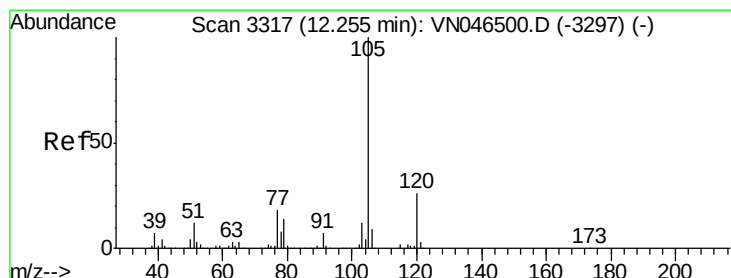
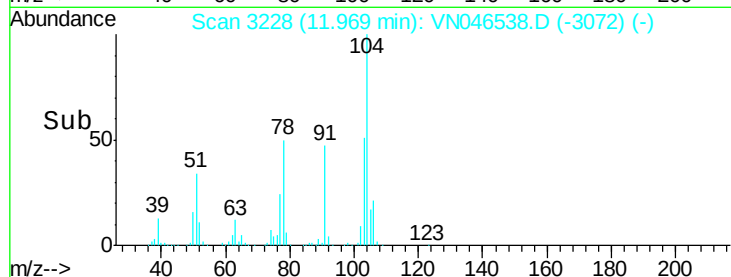
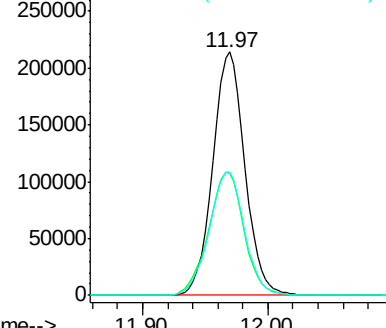
103 55.8 45.0 67.4



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: 52.66 ug/l

RT: 12.26 min Scan# 3317

Delta R.T. 0.00 min

Lab File: VN046538.D

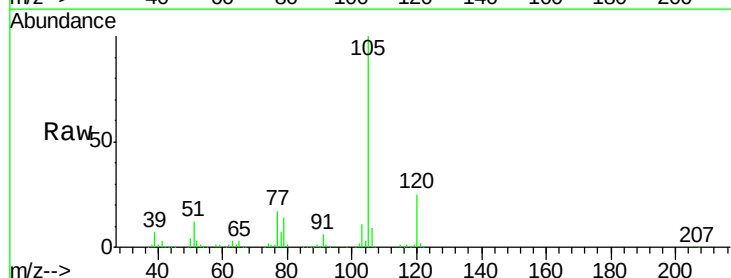
Acq: 24 Jan 2018 11:11

Tgt Ion:105 Resp: 604837

Ion Ratio Lower Upper

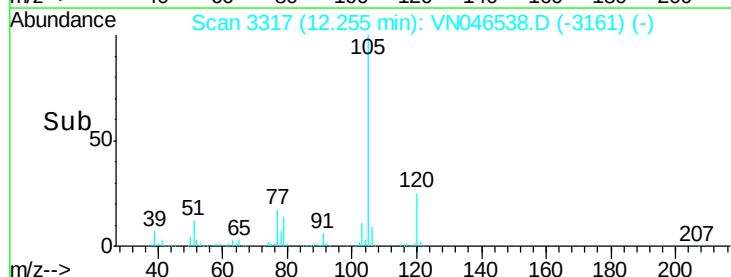
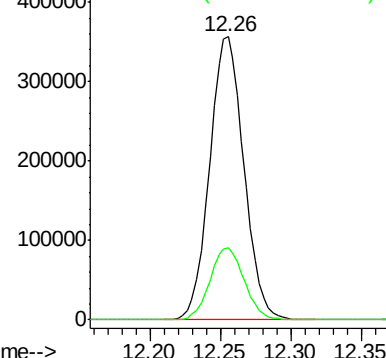
105 100

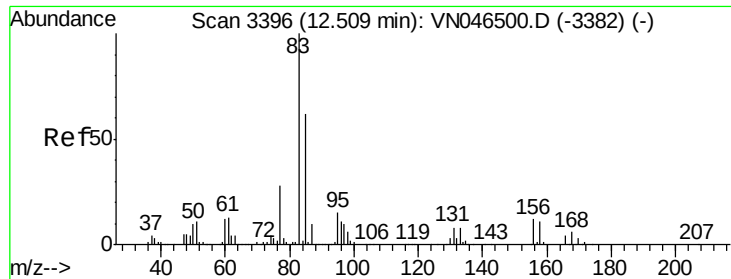
120 25.5 17.8 33.1



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: 47.79 ug/l

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

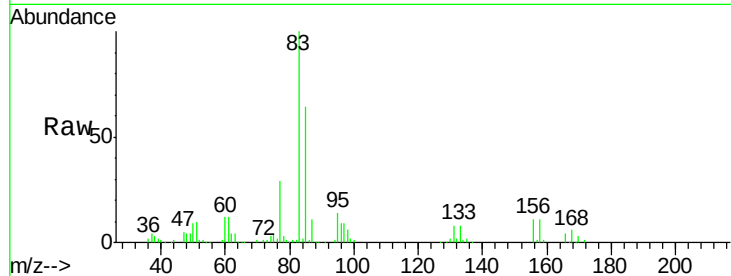
Tgt Ion: 83 Resp: 159508

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

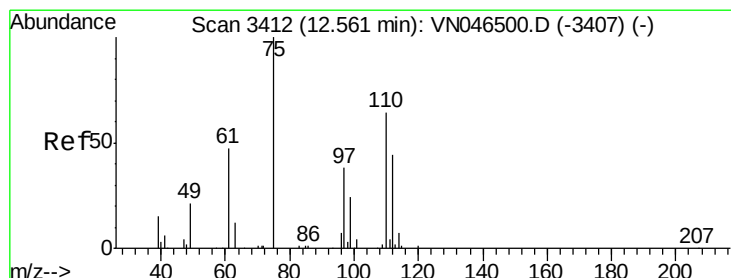
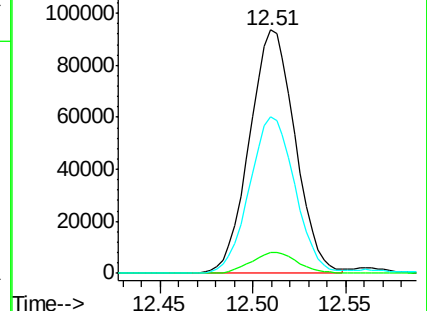
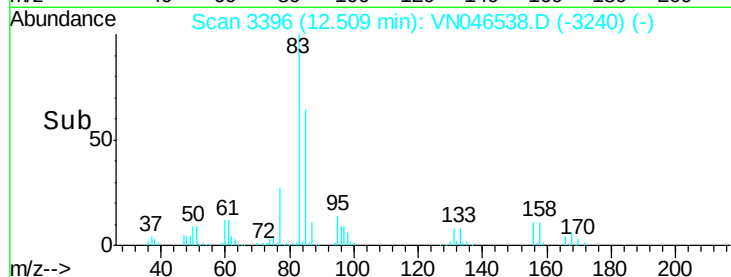
85 64.1 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VN046538.D (-3240) (-)

Ion 131.00 (130.70 to 131.70): VN046538.D (-3240) (-)

Ion 85.00 (84.70 to 85.70): VN046538.D (-3240) (-)



#72

1,2,3-Trichloropropane

Concen: 74.63 ug/l

RT: 12.56 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN046538.D

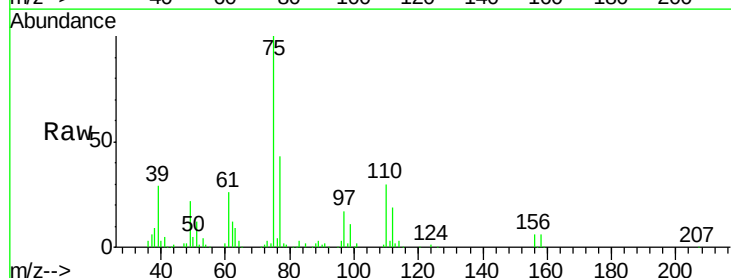
Acq: 24 Jan 2018 11:11

Tgt Ion: 75 Resp: 203999

Ion Ratio Lower Upper

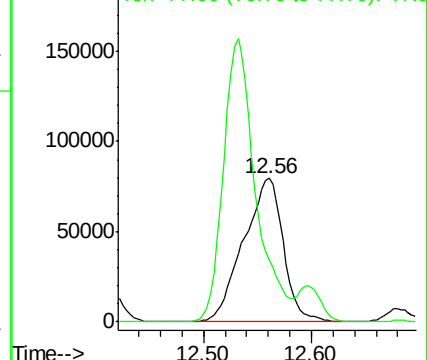
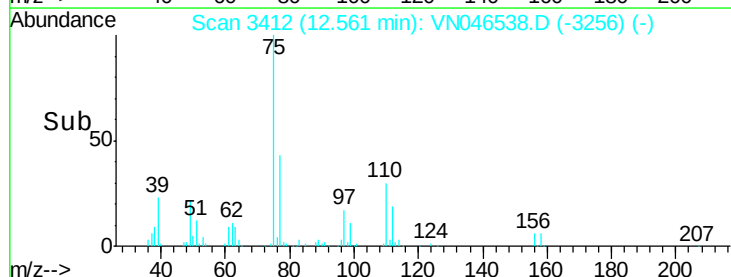
75 100

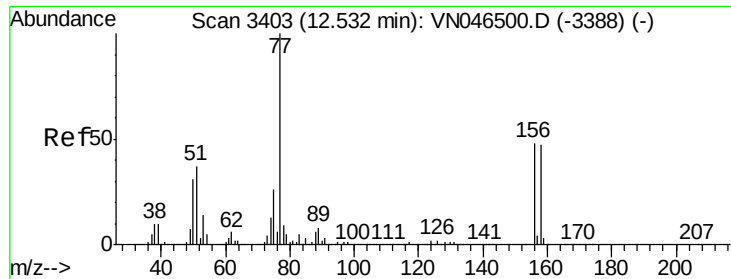
77 159.0 0.0 479.2



Abundance Ion 75.00 (74.70 to 75.70): VN046538.D (-3256) (-)

Ion 77.00 (76.70 to 77.70): VN046538.D (-3256) (-)





#73

Bromobenzene

Concen: 48.03 ug/l

RT: 12.53 min Scan# 3403

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

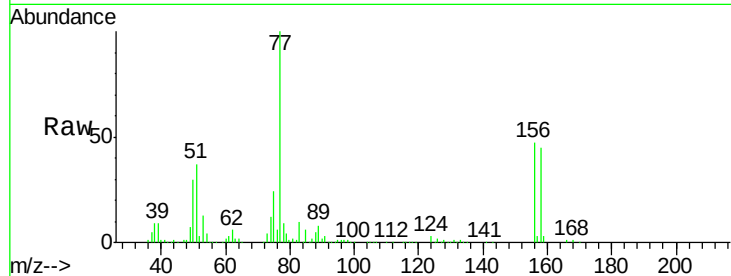
Tgt Ion:156 Resp: 128808

Ion Ratio Lower Upper

156 100

77 251.9 0.0 516.8

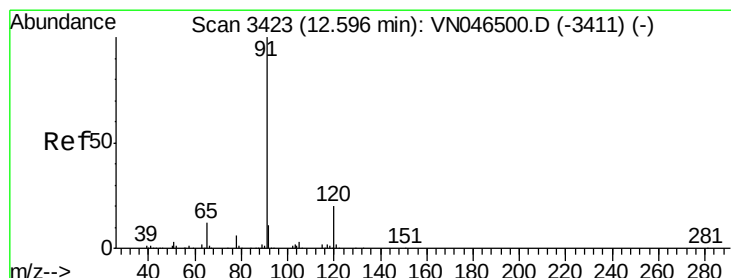
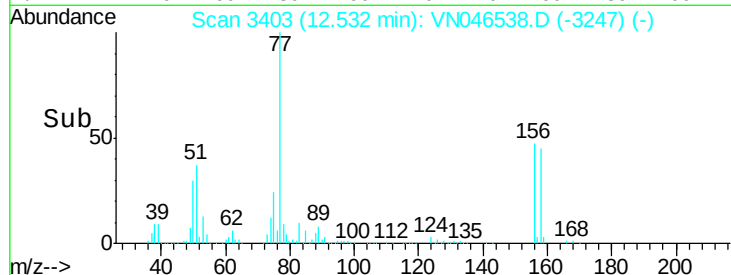
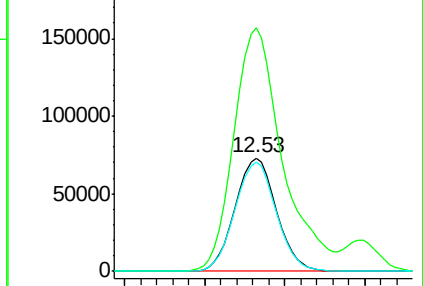
158 96.5 0.0 195.0



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: 51.56 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN046538.D

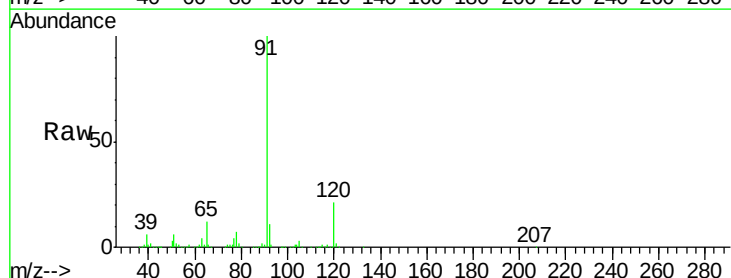
Acq: 24 Jan 2018 11:11

Tgt Ion: 91 Resp: 760000

Ion Ratio Lower Upper

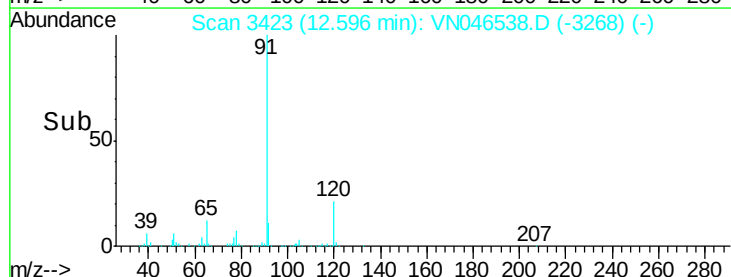
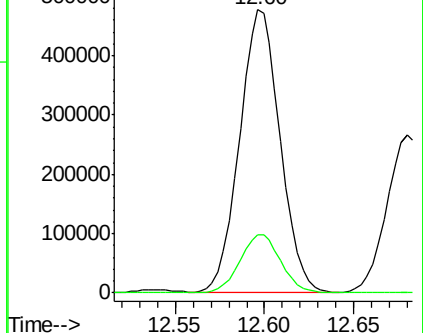
91 100

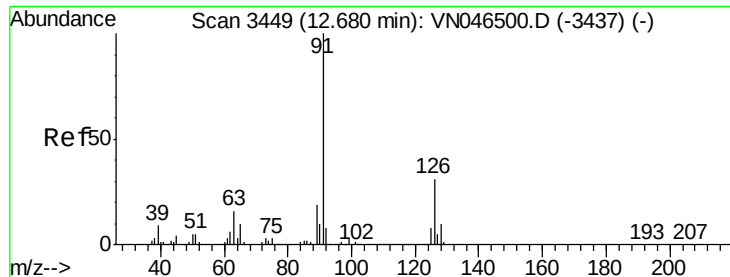
120 20.6 0.0 40.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 50.71 ug/l

RT: 12.68 min Scan# 3449

Delta R.T. -0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

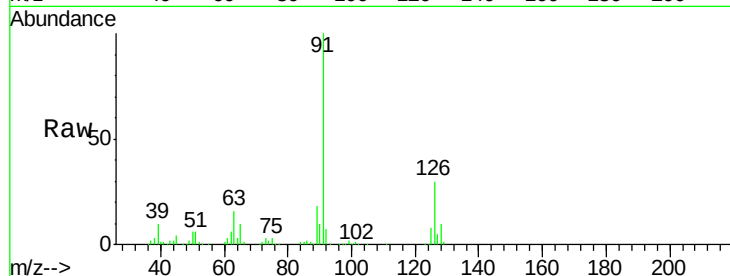
VSTDIC050

Tgt Ion: 91 Resp: 444656

Ion Ratio Lower Upper

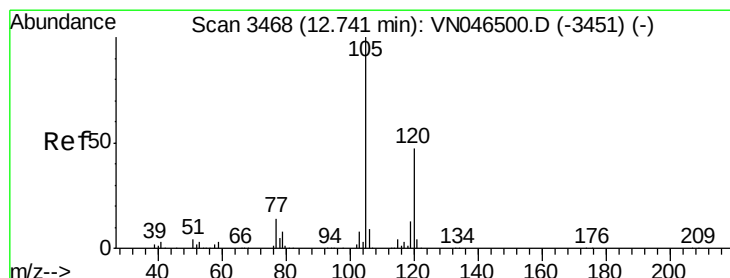
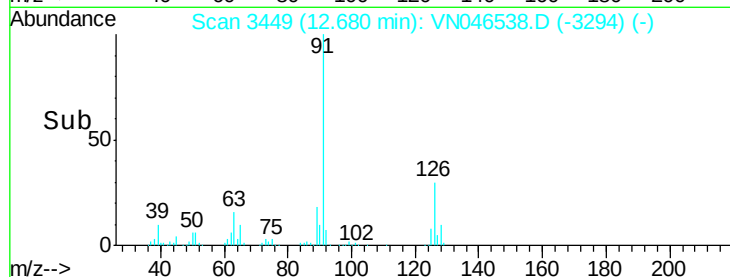
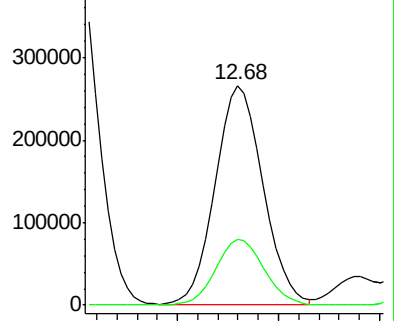
91 100

126 30.0 0.0 60.2



Abundance Ion 91.00 (90.70 to 91.70): VN046538.D (-3294) (-)

Ion 126.00 (125.70 to 126.70): VN046538.D (-3294) (-)



#76

1,3,5-Trimethylbenzene

Concen: 53.08 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. -0.00 min

Lab File: VN046538.D

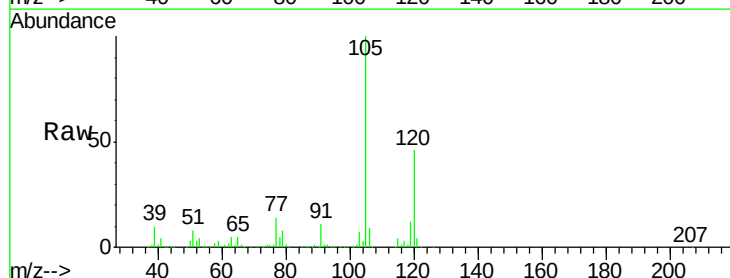
Acq: 24 Jan 2018 11:11

Tgt Ion: 105 Resp: 514944

Ion Ratio Lower Upper

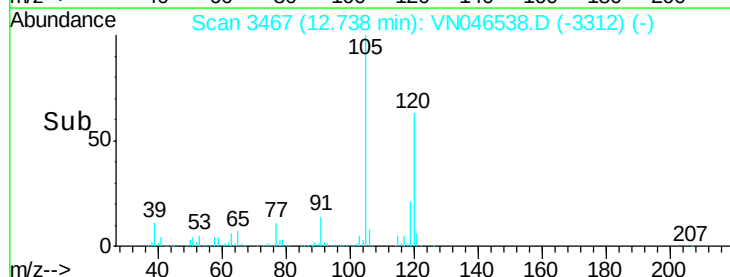
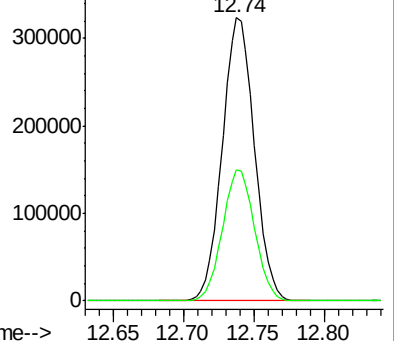
105 100

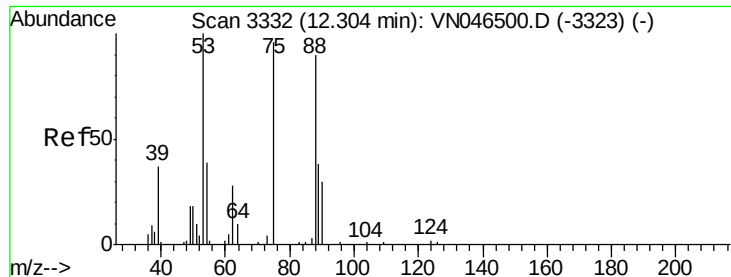
120 46.4 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): VN046538.D (-3312) (-)

Ion 120.00 (119.70 to 120.70): VN046538.D (-3312) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 49.26 ug/l

RT: 12.31 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

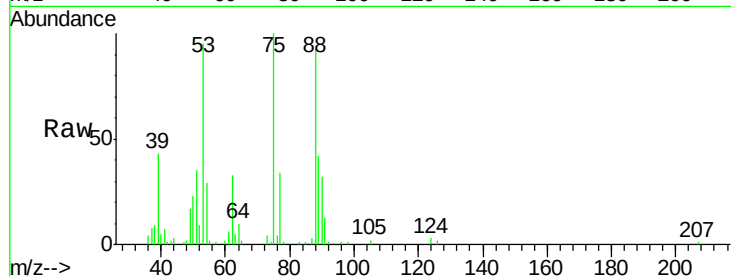
Tgt Ion: 75 Resp: 46151

Ion Ratio Lower Upper

75 100

53 94.2 46.8 140.3

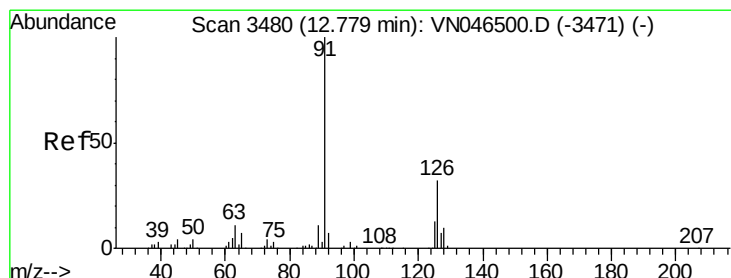
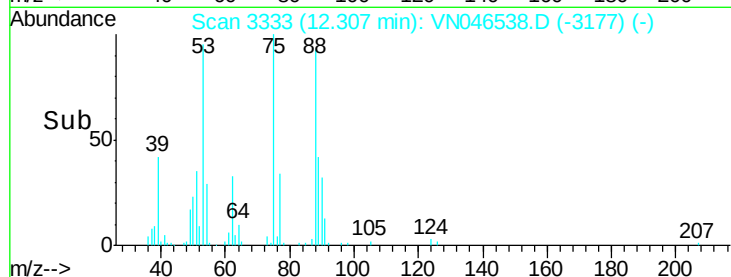
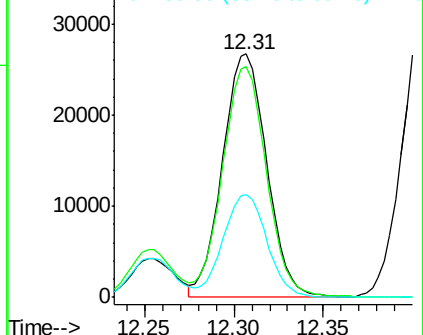
89 42.4 20.2 60.5



Abundance Ion 75.00 (74.70 to 75.70): VN046500.D (-3323) (-)

Ion 53.00 (52.70 to 53.70): VN046500.D (-3323) (-)

Ion 89.00 (88.70 to 89.70): VN046500.D (-3323) (-)



#78

4-Chlorotoluene

Concen: 50.63 ug/l

RT: 12.78 min Scan# 3480

Delta R.T. 0.00 min

Lab File: VN046538.D

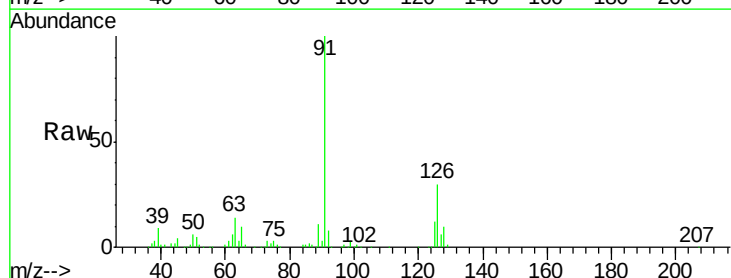
Acq: 24 Jan 2018 11:11

Tgt Ion: 91 Resp: 451877

Ion Ratio Lower Upper

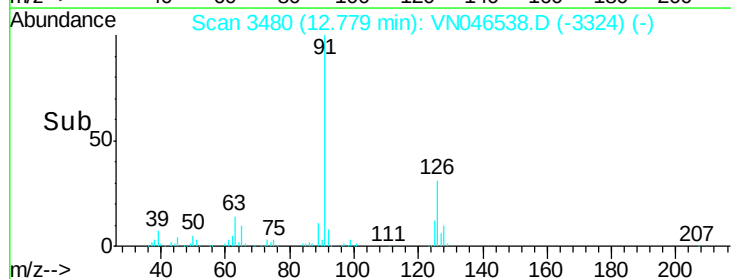
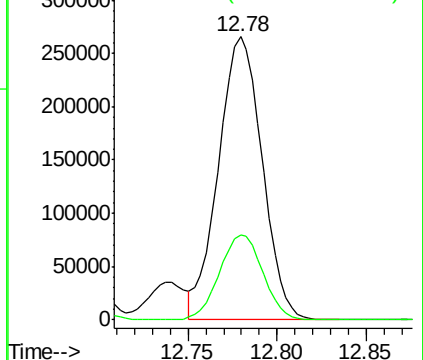
91 100

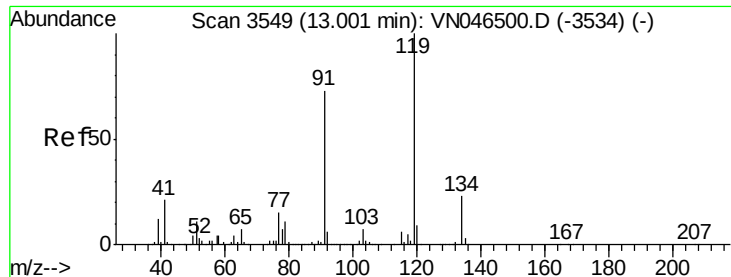
126 29.9 0.0 58.8



Abundance Ion 91.00 (90.70 to 91.70): VN046500.D (-3471) (-)

Ion 126.00 (125.70 to 126.70): VN046500.D (-3471) (-)

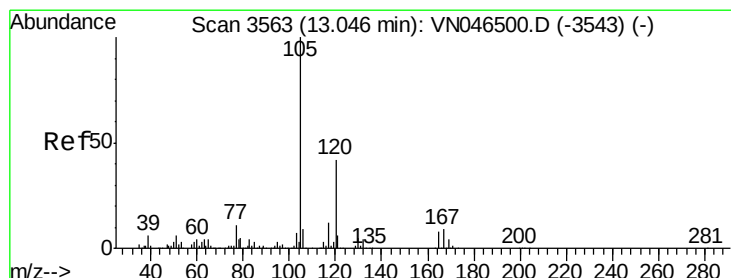
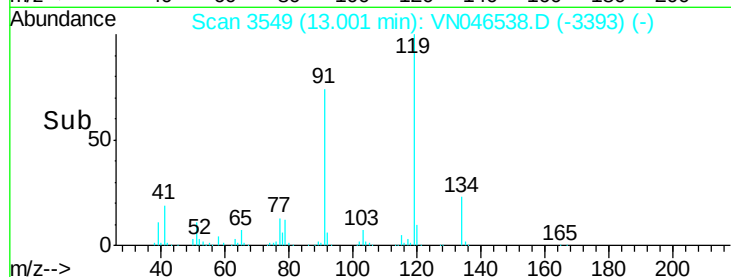
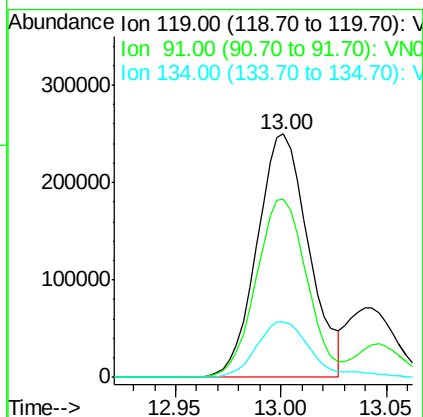
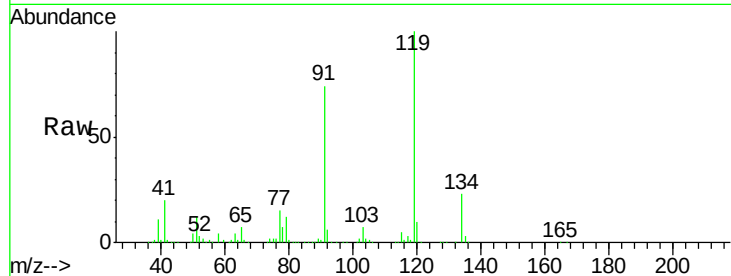




#79
tert-butylbenzene
Concen: 53.04 ug/l
RT: 13.00 min Scan# 3549
Delta R.T. 0.00 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

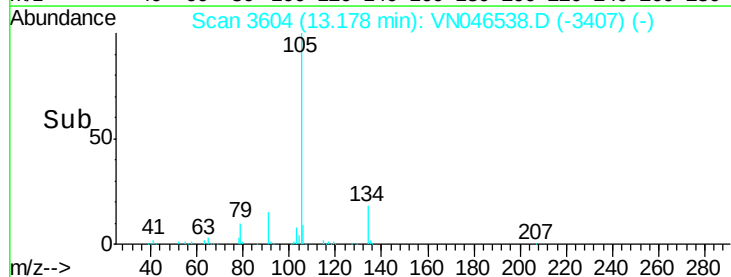
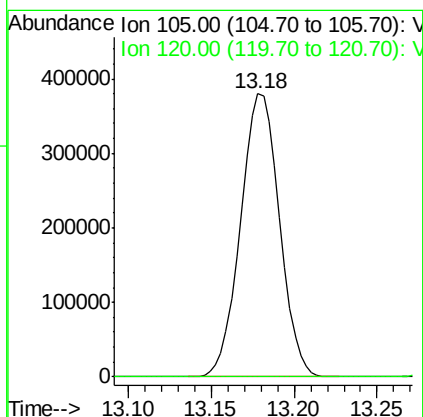
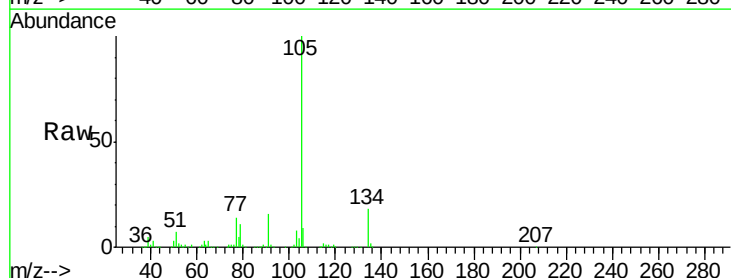
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

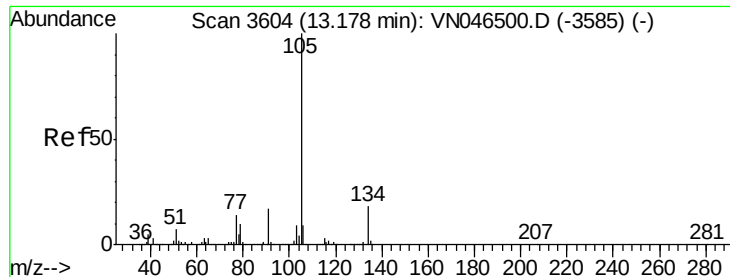
Tgt Ion:119 Resp: 425655
Ion Ratio Lower Upper
119 100
91 72.4 0.0 143.4
134 23.2 0.0 48.4



#80
1,2,4-Trimethylbenzene
Concen: 62.49 ug/l
RT: 13.18 min Scan# 3604
Delta R.T. 0.13 min
Lab File: VN046538.D
Acq: 24 Jan 2018 11:11

Tgt Ion:105 Resp: 619042
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81

sec-Butylbenzene

Concen: 52.13 ug/l

RT: 13.18 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

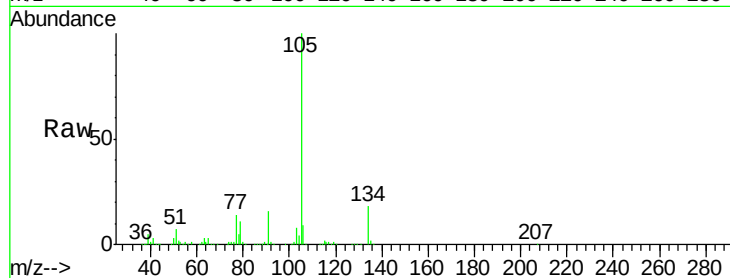
VSTDIC050

Tgt Ion:105 Resp: 619042

Ion Ratio Lower Upper

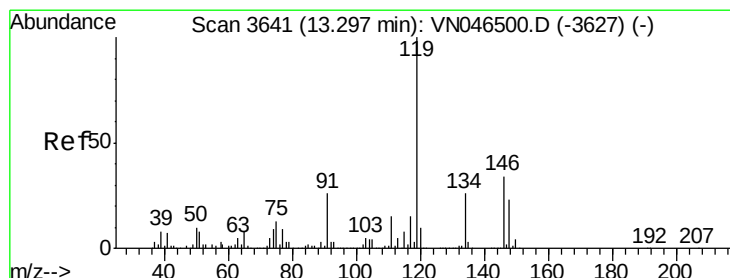
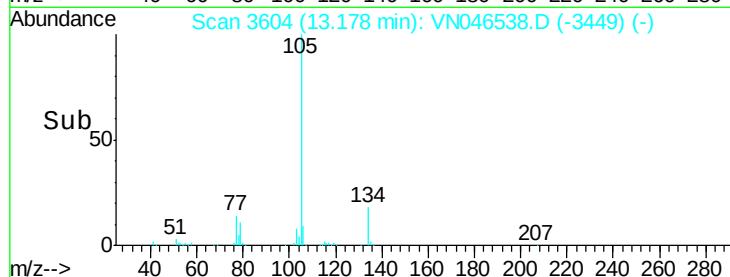
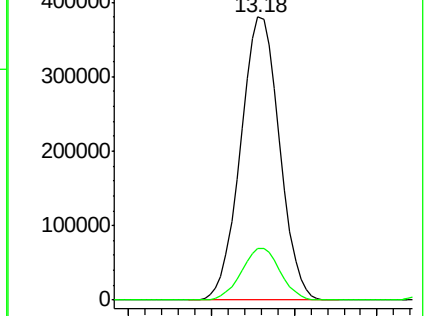
105 100

134 18.3 0.0 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 53.84 ug/l

RT: 13.30 min Scan# 3641

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

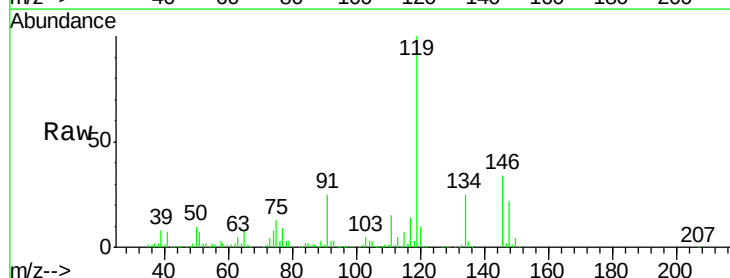
Tgt Ion:119 Resp: 521478

Ion Ratio Lower Upper

119 100

134 25.2 0.0 50.4

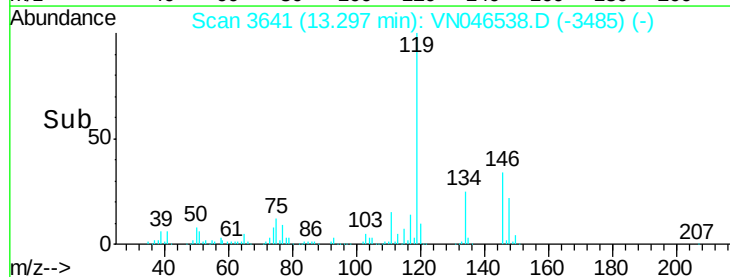
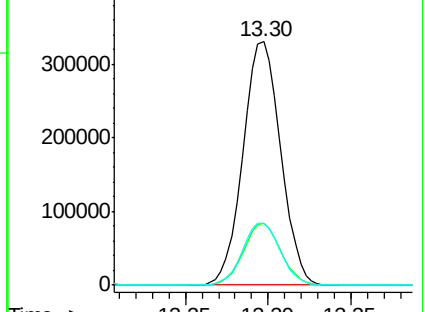
91 25.8 0.0 51.4

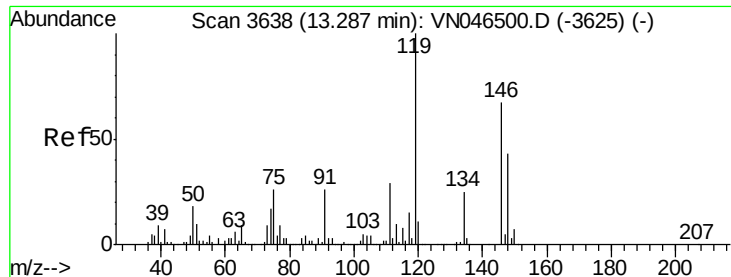


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

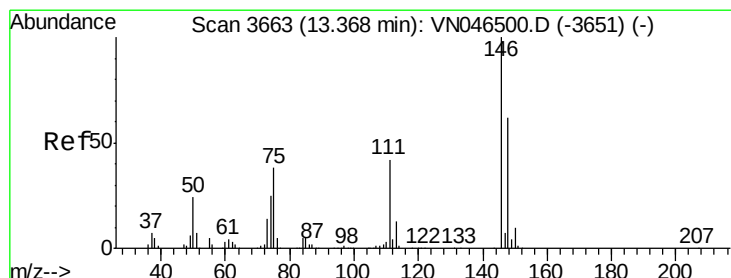
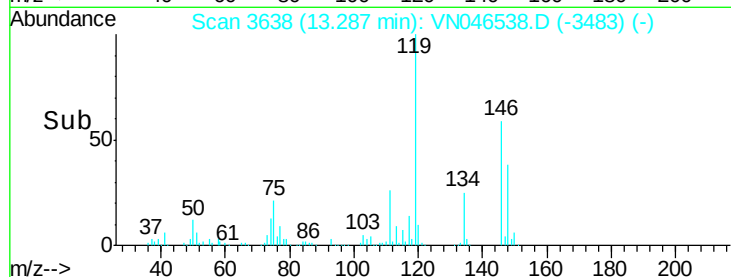
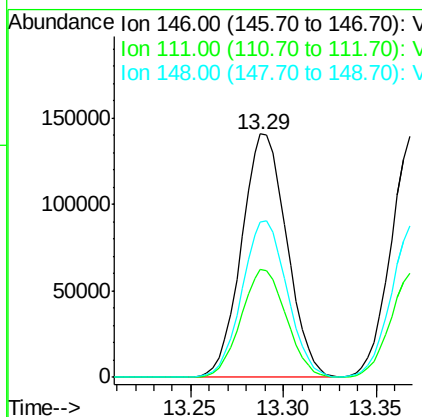
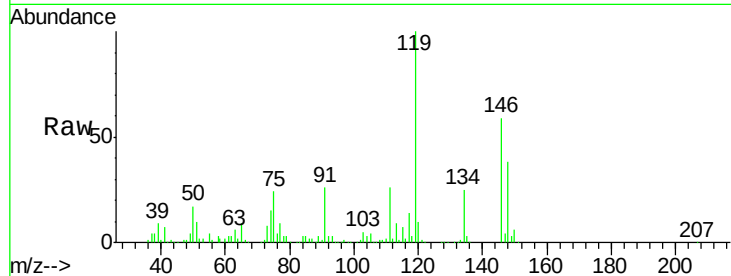




#83
 1,3-Dichlorobenzene
 Concen: 47.70 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

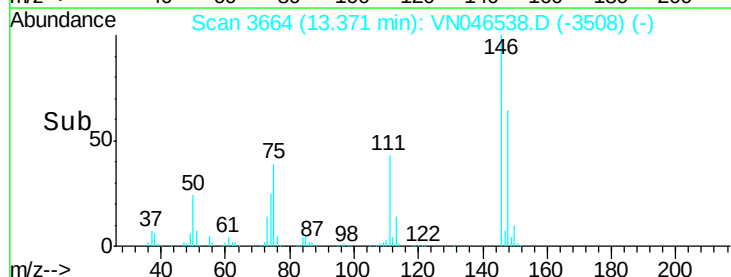
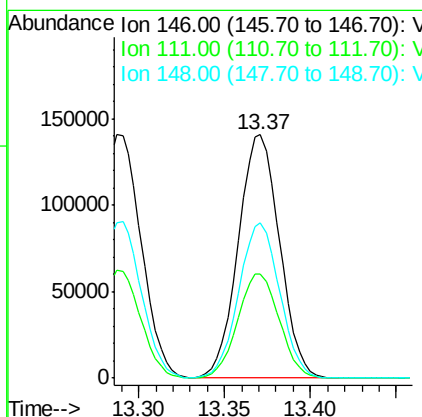
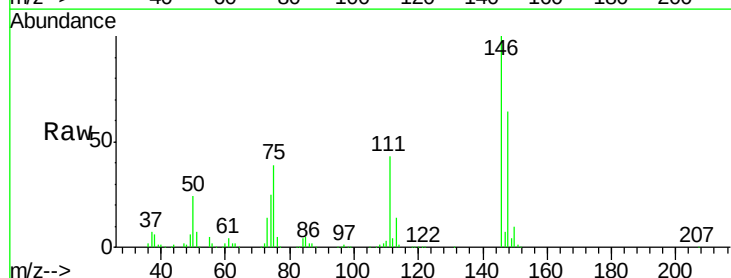
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

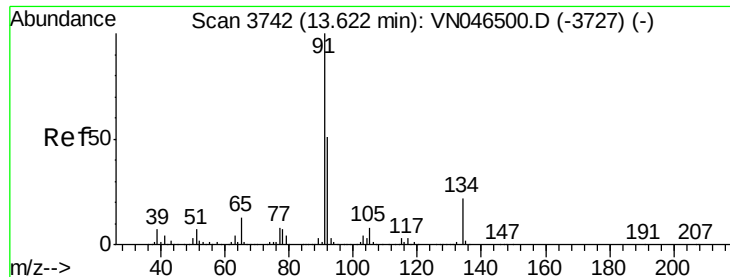
Tgt Ion:146 Resp: 238340
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.3 66.9
 148 63.9 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 47.99 ug/l
 RT: 13.37 min Scan# 3664
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion:146 Resp: 235673
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.6 64.8
 148 63.2 31.8 95.3





#85

n-Butylbenzene

Concen: 57.23 ug/l

RT: 13.62 min Scan# 3742

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

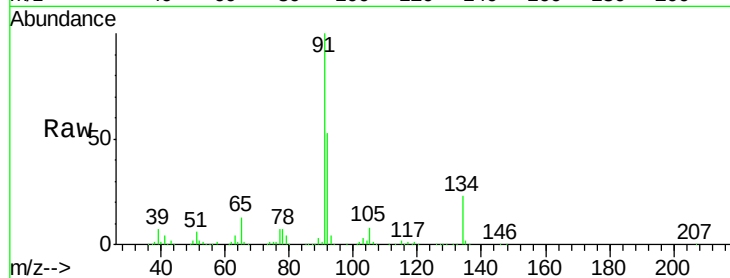
Tgt Ion: 91 Resp: 528920

Ion Ratio Lower Upper

91 100

92 52.8 0.0 105.6

134 22.7 0.0 44.6

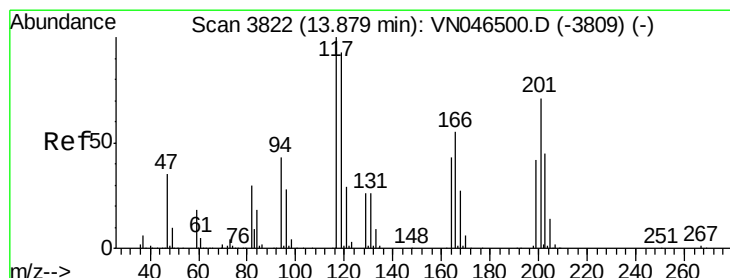
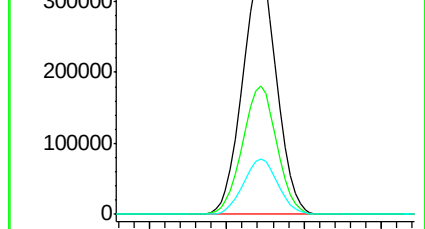
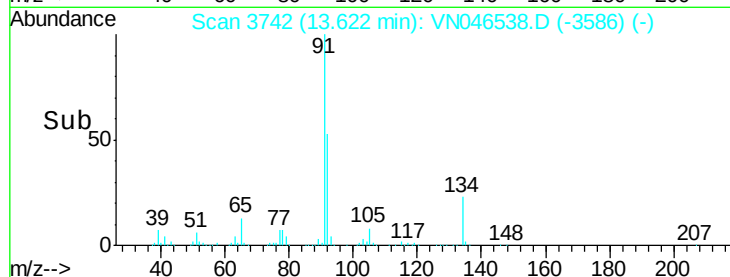


Abundance Ion 91.00 (90.70 to 91.70): VN046500.D (-3727) (-)

Ion 92.00 (91.70 to 92.70): VN046500.D (-3727) (-)

Ion 134.00 (133.70 to 134.70): VN046500.D (-3727) (-)

Time-->



#86

Hexachloroethane

Concen: 51.78 ug/l

RT: 13.88 min Scan# 3823

Delta R.T. 0.00 min

Lab File: VN046538.D

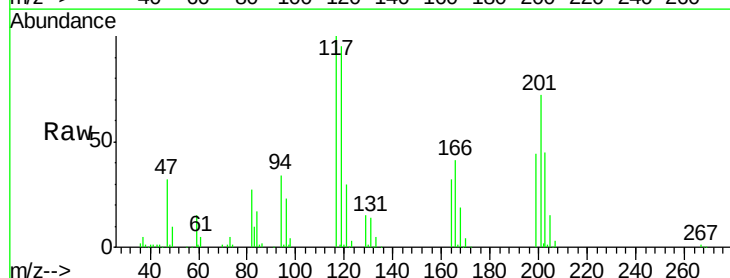
Acq: 24 Jan 2018 11:11

Tgt Ion: 117 Resp: 95982

Ion Ratio Lower Upper

117 100

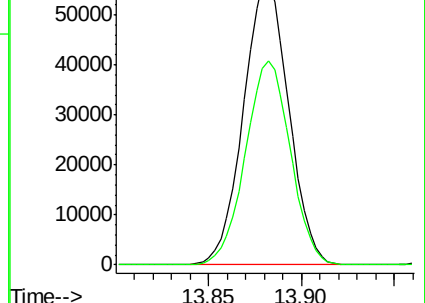
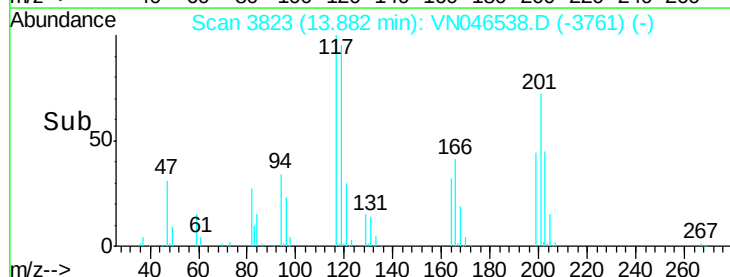
201 71.4 35.0 105.1

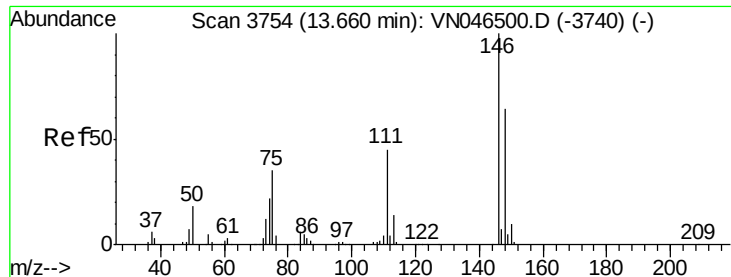


Abundance Ion 117.00 (116.70 to 117.70): VN046500.D (-3809) (-)

Ion 201.00 (200.70 to 201.70): VN046500.D (-3809) (-)

Time-->





#87

1,2-Dichlorobenzene

Concen: 46.71 ug/l

RT: 13.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

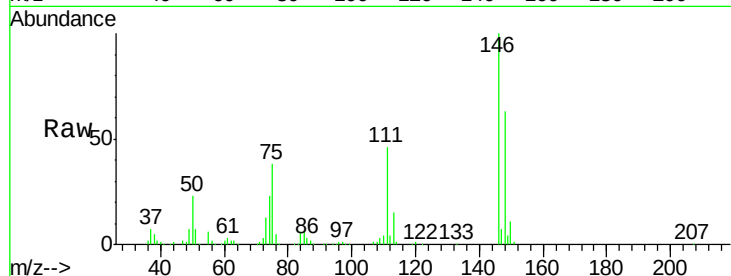
Tgt Ion:146 Resp: 229739

Ion Ratio Lower Upper

146 100

111 46.5 22.9 68.8

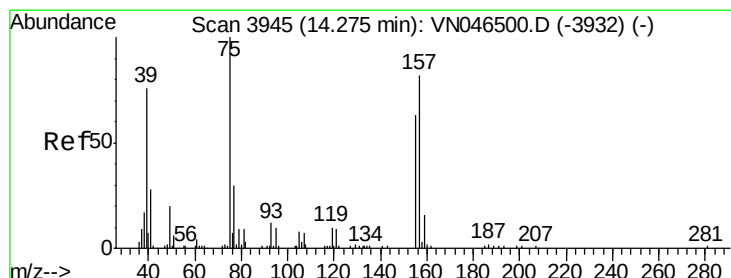
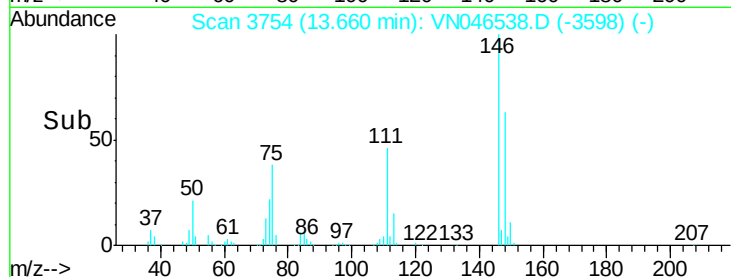
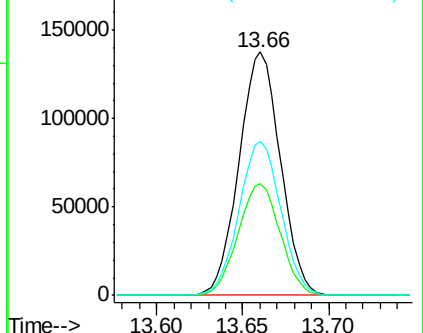
148 64.0 32.0 96.0



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: 53.91 ug/l

RT: 14.28 min Scan# 3946

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

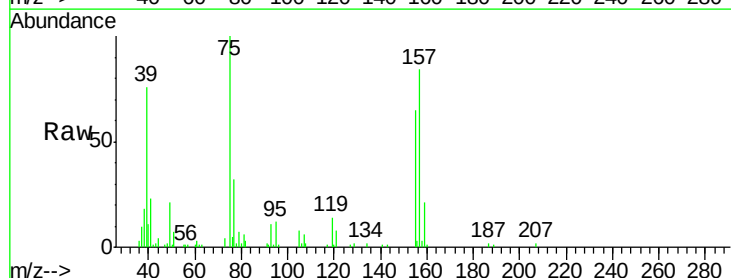
Tgt Ion: 75 Resp: 28929

Ion Ratio Lower Upper

75 100

155 65.8 52.6 79.0

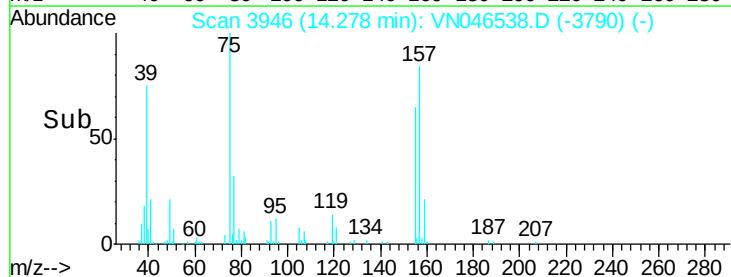
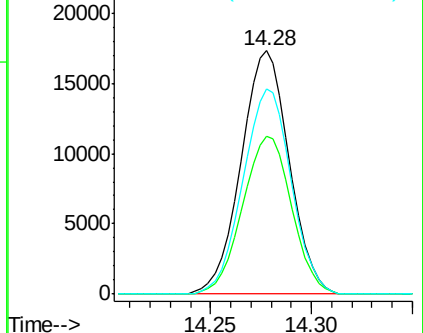
157 84.4 67.3 100.9

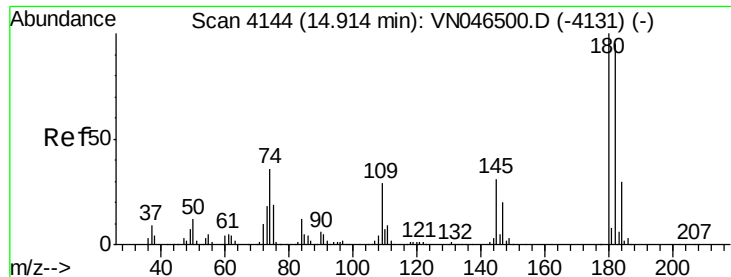


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

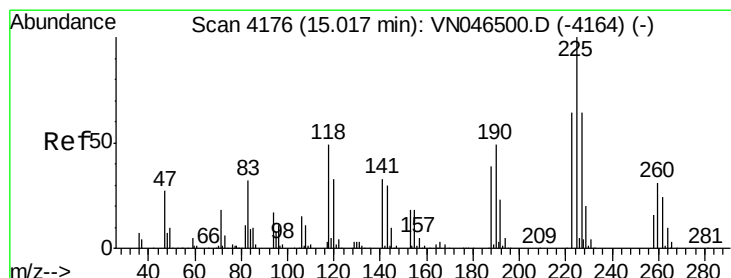
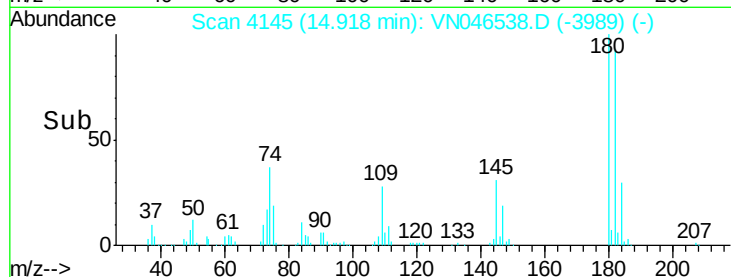
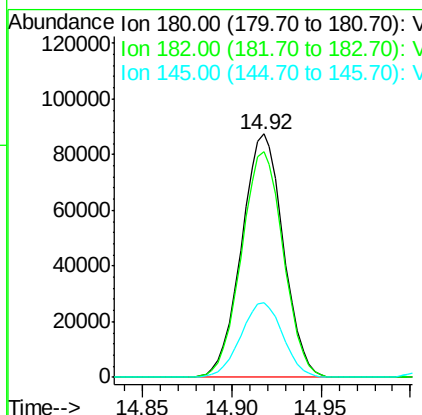
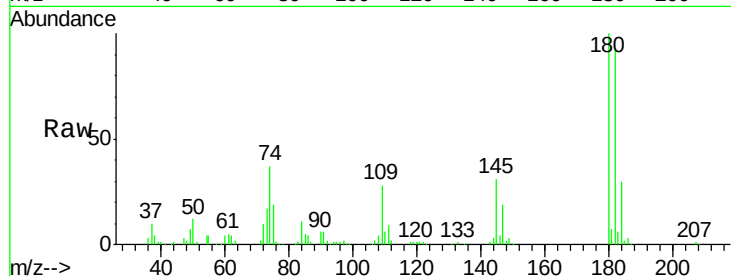




#89
 1,2,4-Trichlorobenzene
 Concen: 51.67 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

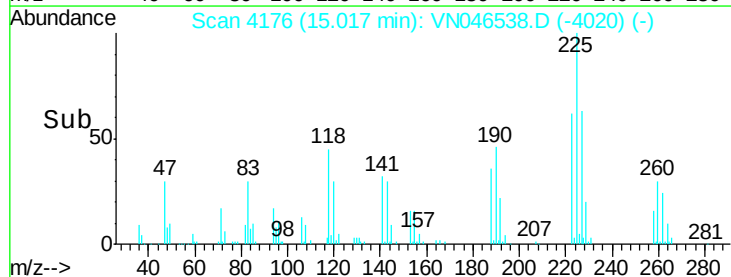
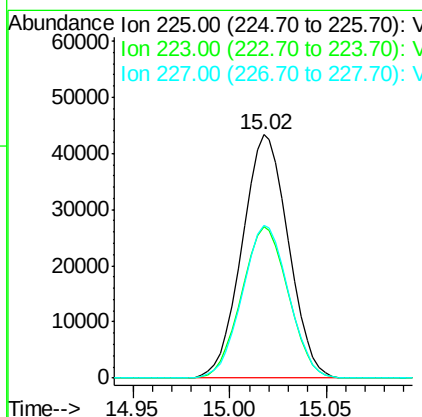
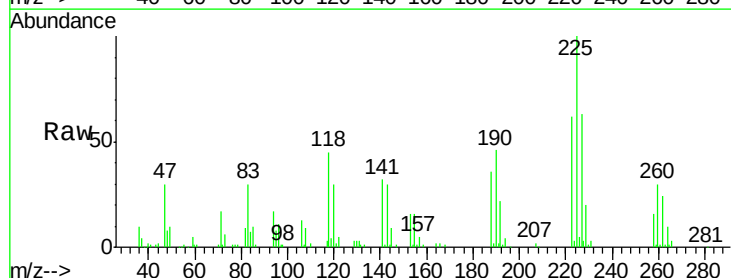
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

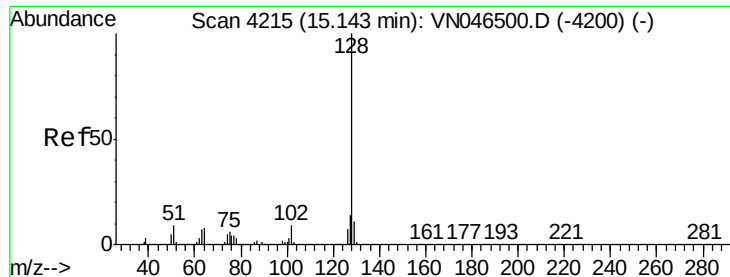
Tgt Ion:180 Resp: 142531
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.7 113.5
 145 31.1 25.2 37.8



#90
 Hexachlorobutadiene
 Concen: 48.05 ug/l
 RT: 15.02 min Scan# 4176
 Delta R.T. 0.00 min
 Lab File: VN046538.D
 Acq: 24 Jan 2018 11:11

Tgt Ion:225 Resp: 72035
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 123.6
 227 62.7 0.0 128.2





#91

Naphthalene

Concen: 53.91 ug/l

RT: 15.14 min Scan# 4215

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

Instrument :

MSVOA_N

ClientSampled :

VSTDIC050

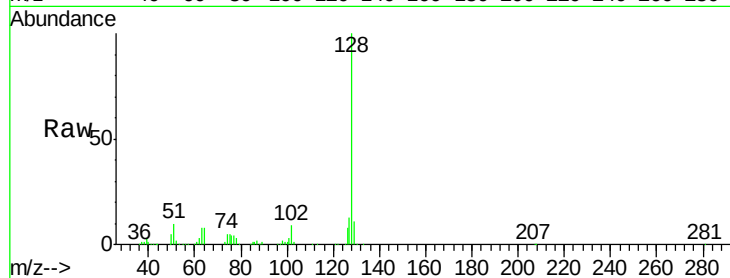
Tgt Ion:128 Resp: 346187

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

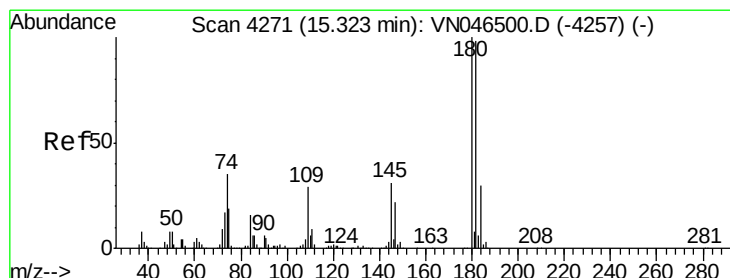
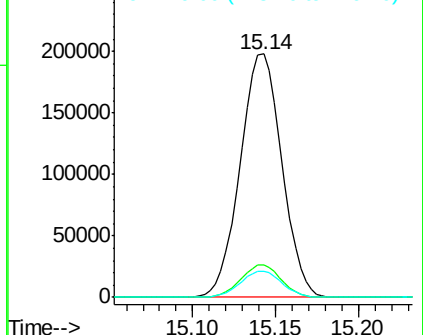
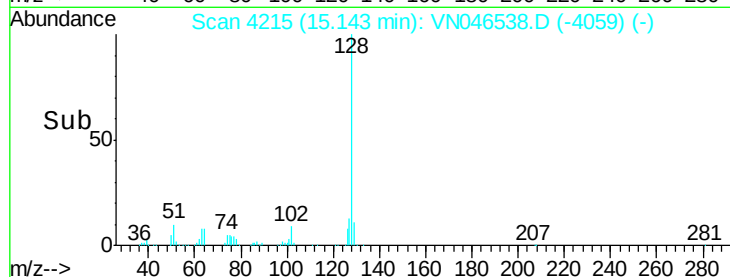
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 50.45 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.00 min

Lab File: VN046538.D

Acq: 24 Jan 2018 11:11

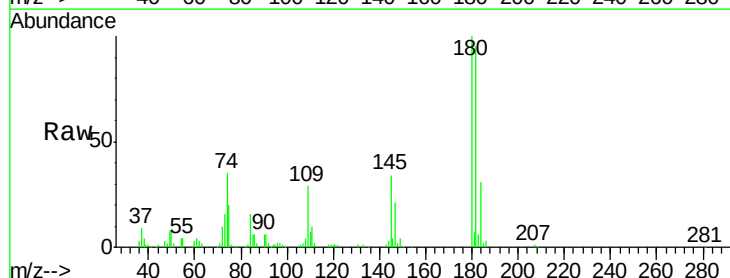
Tgt Ion:180 Resp: 135509

Ion Ratio Lower Upper

180 100

182 94.7 0.0 190.8

145 33.1 0.0 68.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

