

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049515.D
 Acq On : 25 Jun 2018 16:55
 Operator : MD\SY
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Quant Time: Jun 26 01:40:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1047045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1533647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1357211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	598978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	471520	33.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.90%	
35) Dibromofluoromethane	7.59	113	416802	33.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.18%	
50) Toluene-d8	10.09	98	1549770	32.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.60%	
62) 4-Bromofluorobenzene	12.40	95	479657	30.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	174519	14.48	ug/l	99
3) Chloromethane	2.06	50	225321	14.48	ug/l	96
4) Vinyl Chloride	2.19	62	247711	14.98	ug/l	100
5) Bromomethane	2.57	94	143613	16.52	ug/l	93
6) Chloroethane	2.70	64	155050	15.72	ug/l	100
7) Trichlorofluoromethane	3.02	101	344286	16.69	ug/l	100
8) Diethyl Ether	3.41	74	116226	16.13	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	212667	16.25	ug/l	92
10) Methyl Iodide	3.95	142	205673	15.10	ug/l	92
11) Tert butyl alcohol	4.79	59	66800	81.95	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	193164	16.09	ug/l	93
13) Acrolein	3.61	56	114070	133.45	ug/l	98
14) Allyl chloride	4.32	41	308008	16.25	ug/l	90
15) Acrylonitrile	4.99	53	323366	79.34	ug/l	98
16) Acetone	3.82	43	298385	88.49	ug/l	92
17) Carbon Disulfide	4.05	76	560619	14.90	ug/l	99
18) Methyl Acetate	4.33	43	182749	17.77	ug/l	92
19) Methyl tert-butyl Ether	5.05	73	501834	16.39	ug/l	100
20) Methylene Chloride	4.55	84	260209	18.48	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	201546	15.86	ug/l	93
22) Diisopropyl ether	5.95	45	632284	16.70	ug/l	97
23) Vinyl Acetate	5.90	43	1912573	77.50	ug/l	97
24) 1,1-Dichloroethane	5.85	63	395987	16.34	ug/l	99
25) 2-Butanone	6.84	43	368970	81.49	ug/l	97
26) 2,2-Dichloropropane	6.82	77	334342	17.09	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	231186	16.36	ug/l	90
28) Bromochloromethane	7.19	49	99684	9.28	ug/l	86
29) Tetrahydrofuran	7.22	42	228645	78.45	ug/l #	83
30) Chloroform	7.37	83	394168	16.35	ug/l	99
31) Cyclohexane	7.65	56	323090	15.61	ug/l #	90
32) 1,1,1-Trichloroethane	7.57	97	342817	16.66	ug/l	98
36) 1,1-Dichloropropene	7.79	75	282264	16.06	ug/l	97
37) Ethyl Acetate	6.93	43	158579	16.60	ug/l #	94
38) Carbon Tetrachloride	7.77	117	303647	16.69	ug/l	99

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 Data File : VN049515.D
 Acq On : 25 Jun 2018 16:55
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 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Quant Time: Jun 26 01:40:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	297577	15.77	ug/l	98
40) Benzene	8.04	78	895194	16.61	ug/l	100
41) Methacrylonitrile	7.17	41	74073	14.34	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	279019	16.76	ug/l	97
43) Isopropyl Acetate	8.17	43	296858	16.26	ug/l	95
44) Trichloroethene	8.83	130	240998	16.94	ug/l	90
45) 1,2-Dichloropropane	9.12	63	236593	16.77	ug/l	100
46) Dibromomethane	9.21	93	136132	16.64	ug/l	91
47) Bromodichloromethane	9.40	83	298713	16.61	ug/l	97
48) Methyl methacrylate	9.20	41	137898	16.04	ug/l	88
49) 1,4-Dioxane	9.20	88	36694	309.23	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	780230	81.54	ug/l	94
52) Toluene	10.16	92	536582	16.97	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	269740	15.68	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	330004	16.25	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	197604	16.76	ug/l	96
56) Ethyl methacrylate	10.43	69	204175	15.01	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	323597	16.57	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	439651	99.55	ug/l	96
59) 2-Hexanone	10.75	43	501235	81.25	ug/l	95
60) Dibromochloromethane	10.90	129	214403	16.29	ug/l	98
61) 1,2-Dibromoethane	11.01	107	182725	16.67	ug/l	100
64) Tetrachloroethene	10.63	164	268641	19.32	ug/l	96
65) Chlorobenzene	11.44	112	581879	16.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	218396	16.60	ug/l	99
67) Ethyl Benzene	11.51	91	930250	16.04	ug/l	98
68) m/p-Xylenes	11.62	106	717238	32.96	ug/l	98
69) o-Xylene	11.95	106	344511	16.43	ug/l	95
70) Styrene	11.97	104	528626	15.98	ug/l	98
71) Bromoform	12.13	173	141217	16.58	ug/l #	98
73) Isopropylbenzene	12.25	105	910420	17.31	ug/l	98
74) N-amyl acetate	12.07	43	198778	15.43	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	204605	17.45	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	261978	25.63	ug/l #	100
77) Bromobenzene	12.53	156	235721	16.97	ug/l	90
78) n-propylbenzene	12.59	91	1001926	17.35	ug/l	99
79) 2-Chlorotoluene	12.68	91	627978	17.16	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	734275	17.76	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	53367	16.50	ug/l	92
82) 4-Chlorotoluene	12.78	91	620011	17.56	ug/l	97
83) tert-Butylbenzene	12.99	119	617055	16.85	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	716017	17.44	ug/l	98
85) sec-Butylbenzene	13.17	105	842250	17.28	ug/l	98
86) p-Isopropyltoluene	13.29	119	693008	17.02	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	380222	16.64	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	366309	16.17	ug/l	100
89) n-Butylbenzene	13.62	91	485473	15.26	ug/l	99
90) Hexachloroethane	13.88	117	147071	18.00	ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	380729	16.99	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29408	16.06	ug/l	86

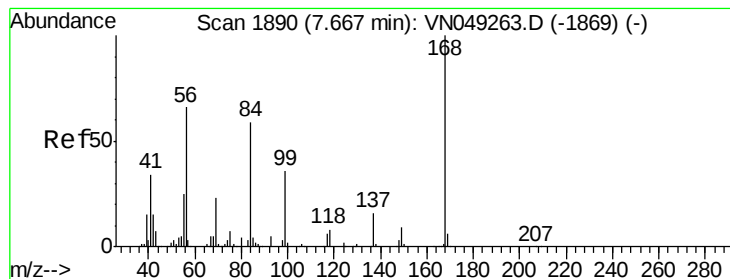
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
Data File : VN049515.D
Acq On : 25 Jun 2018 16:55
Operator : MD\SY
Sample : VN0625WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Quant Time: Jun 26 01:40:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	104082	13.91	ug/l	99
94) Hexachlorobutadiene	15.01	225	134309	18.79	ug/l	99
95) Naphthalene	15.14	128	202222	13.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	120229	14.60	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

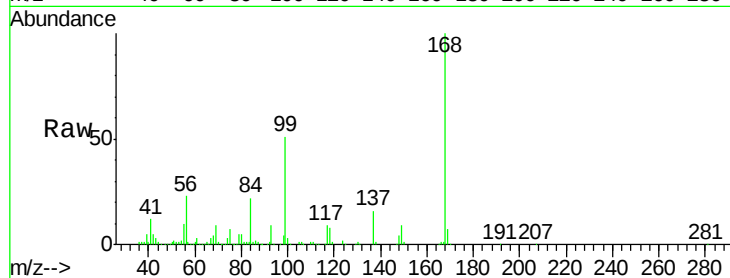
VN0625WBSD01

Tot Ion:168 Resp: 1047045

Ion Ratio Lower Upper

168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

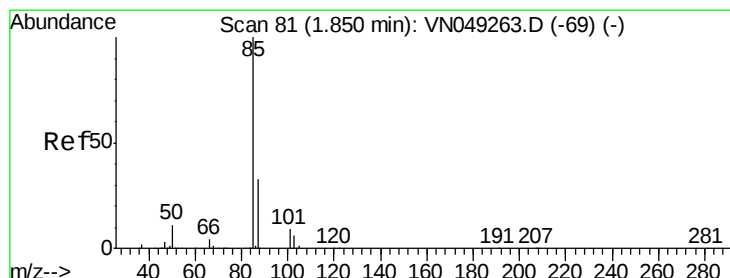
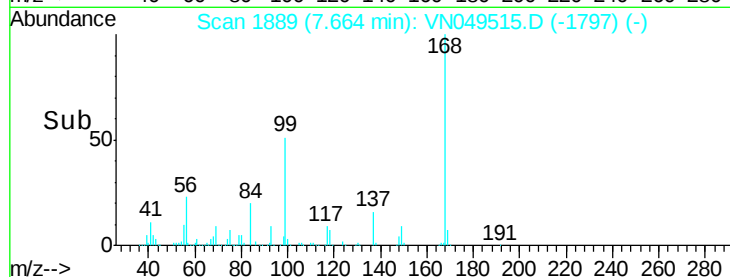
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 14.48 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049515.D

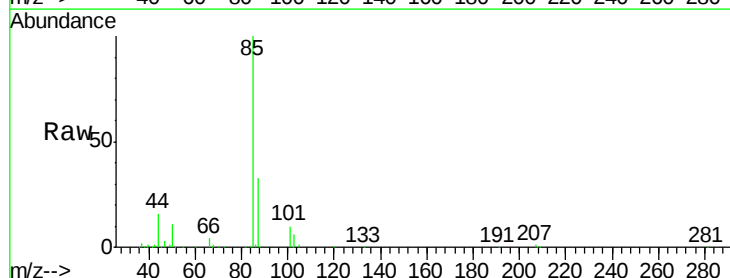
Acq: 25 Jun 2018 16:55

Tgt Ion: 85 Resp: 174519

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

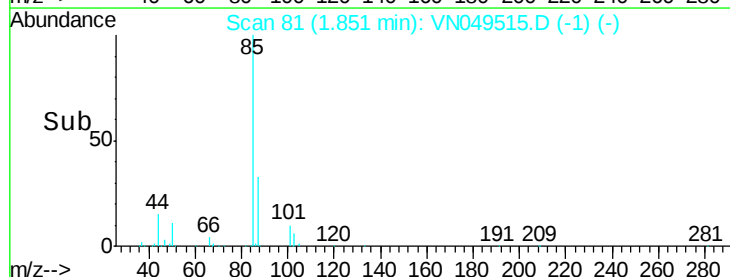
1.85

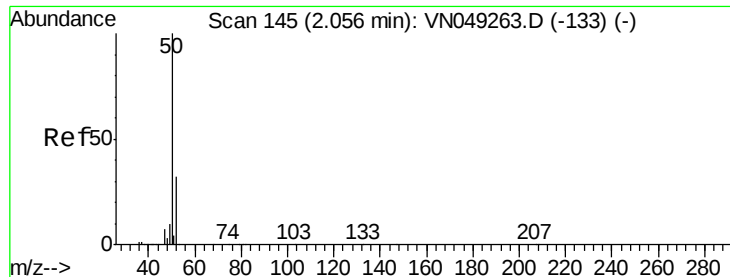
100000

50000

0

Time-->





#3

Chloromethane

Concen: 14.48 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

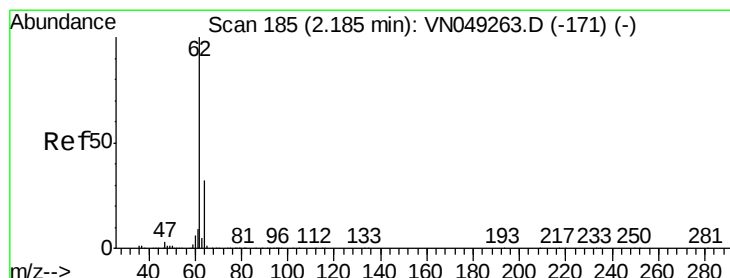
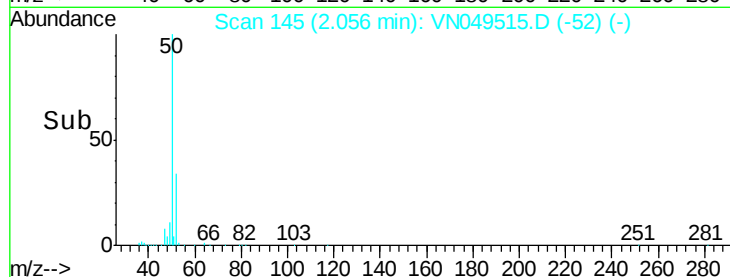
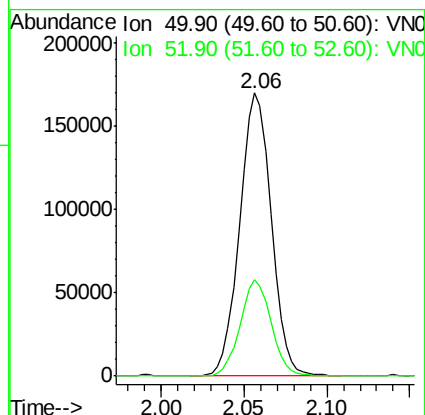
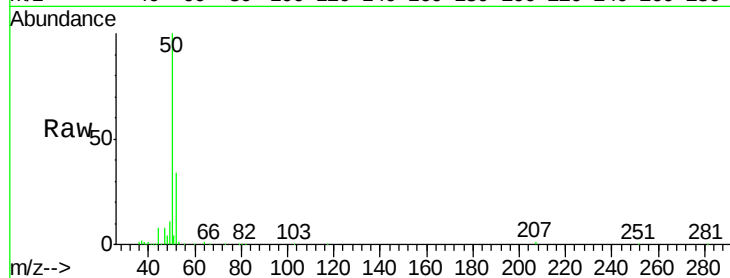
VN0625WBSD01

Tot Ion: 50 Resp: 225321

Ion Ratio Lower Upper

50 100

52 33.9 25.2 37.8



#4

Vinyl Chloride

Concen: 14.98 ug/l

RT: 2.19 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049515.D

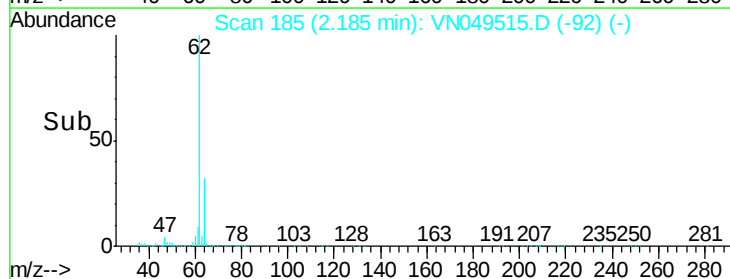
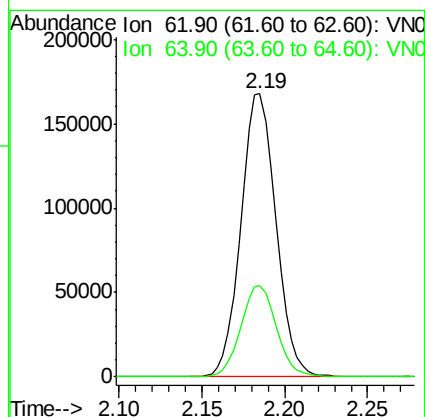
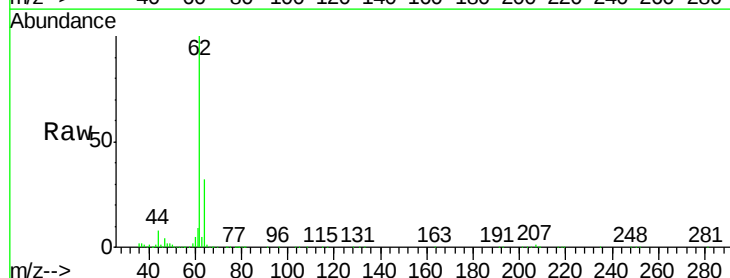
Acq: 25 Jun 2018 16:55

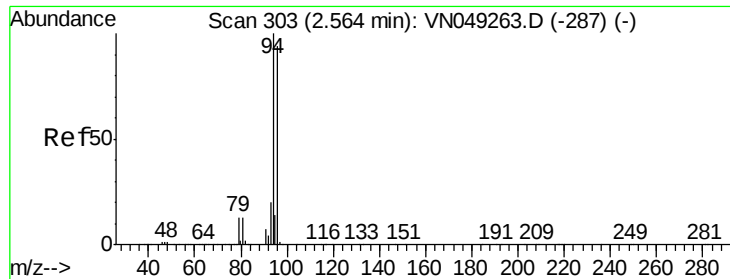
Tgt Ion: 62 Resp: 247711

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 16.52 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

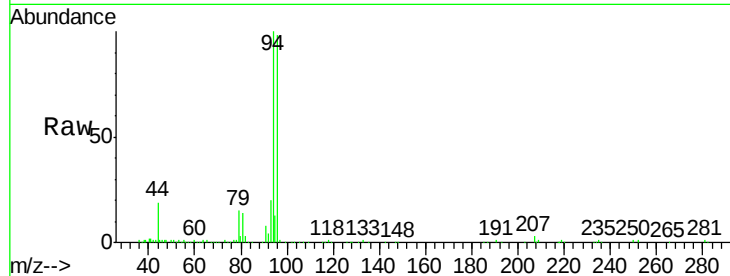
VN0625WBSD01

Tot Ion: 94 Resp: 143613

Ion Ratio Lower Upper

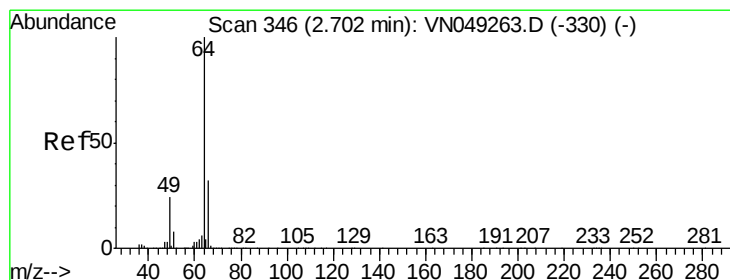
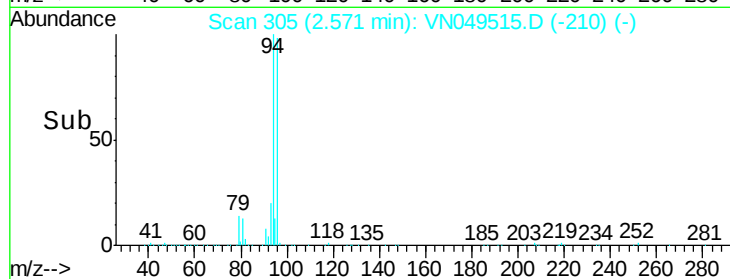
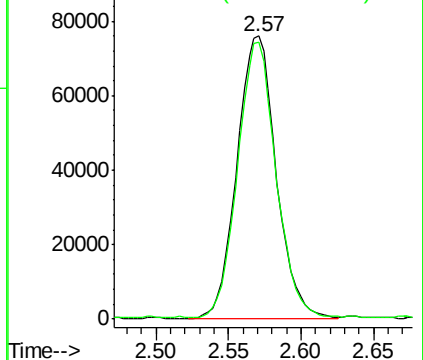
94 100

96 97.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 15.72 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049515.D

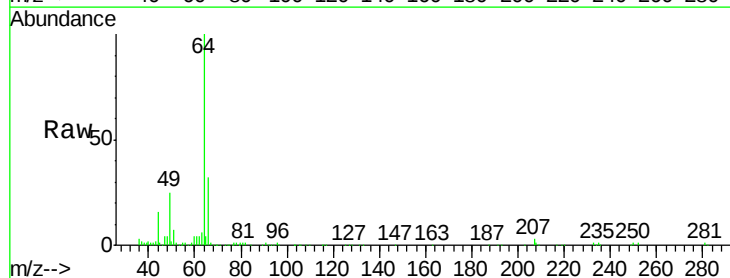
Acq: 25 Jun 2018 16:55

Tgt Ion: 64 Resp: 155050

Ion Ratio Lower Upper

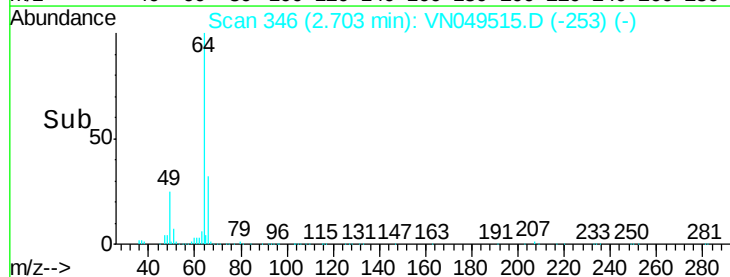
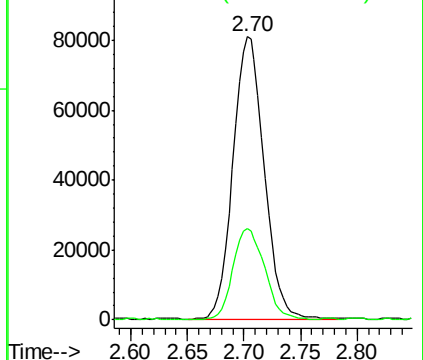
64 100

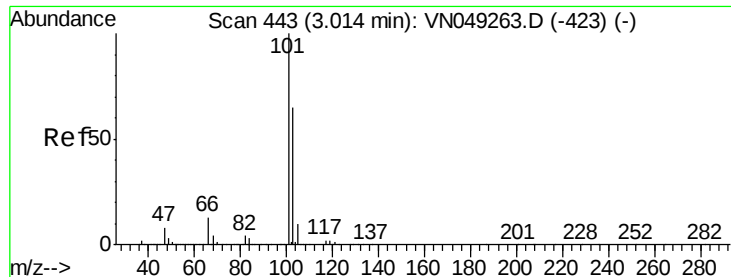
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



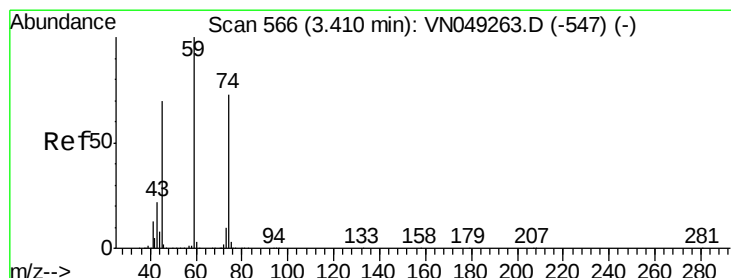
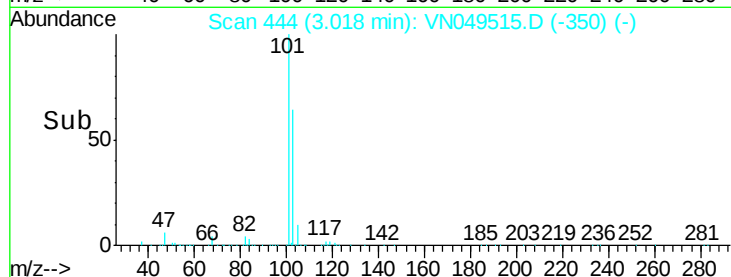
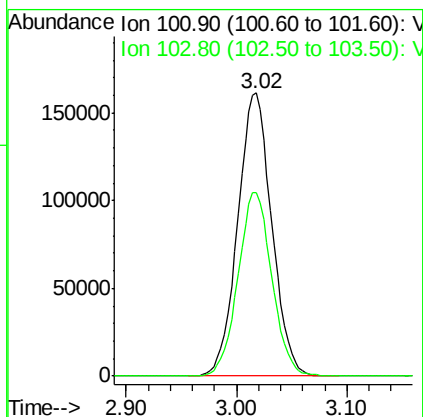
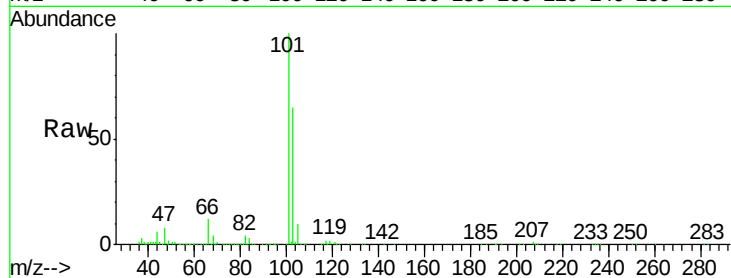


#7

Trichlorofluoromethane
 Concen: 16.69 ug/l
 RT: 3.02 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

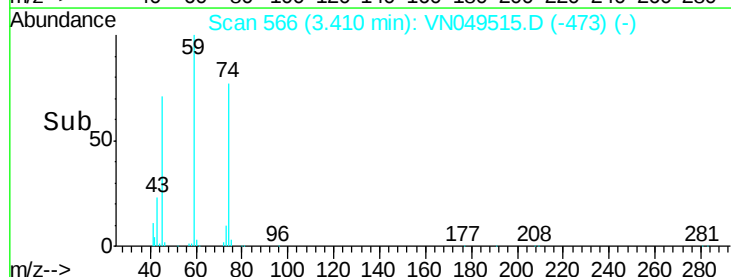
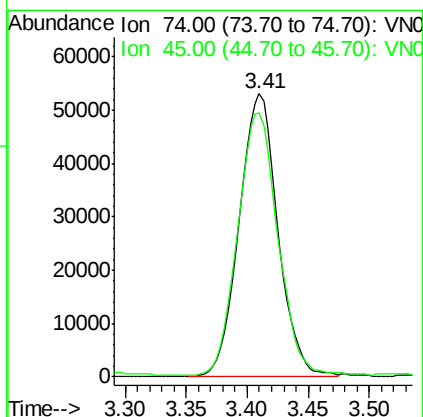
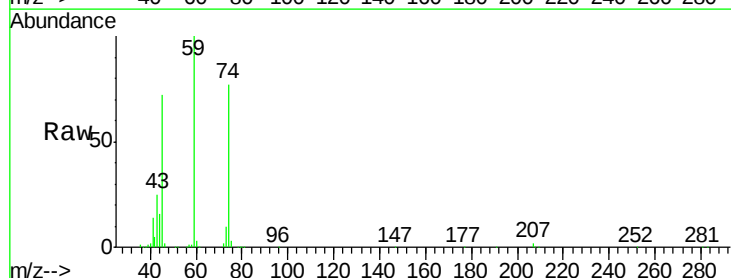
Tot Ion:101 Resp: 344286
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5



#8

Diethyl Ether
 Concen: 16.13 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion: 74 Resp: 116226
 Ion Ratio Lower Upper
 74 100
 45 95.9 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.25 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

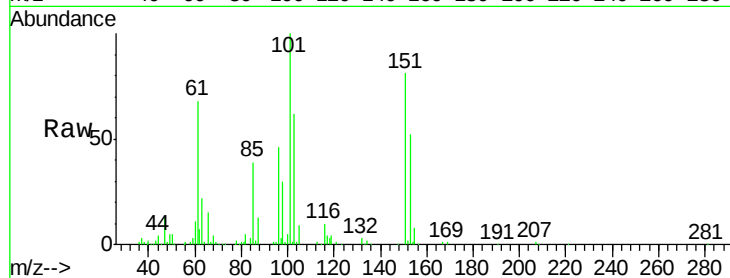
Tot Ion:101 Resp: 212667

Ion Ratio Lower Upper

101 100

85 42.1 37.6 56.4

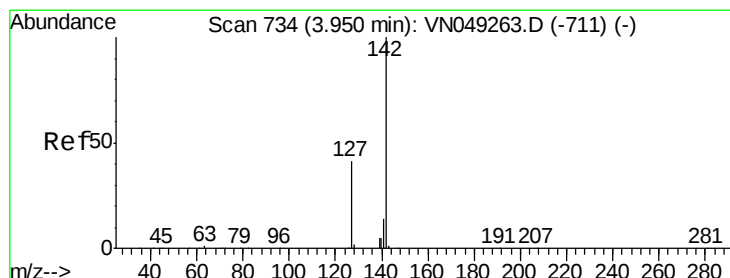
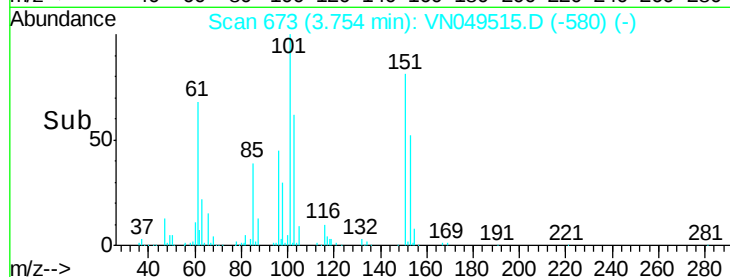
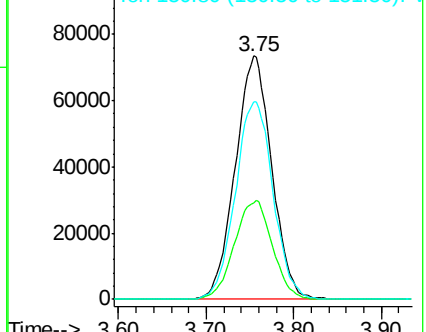
151 83.8 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.10 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

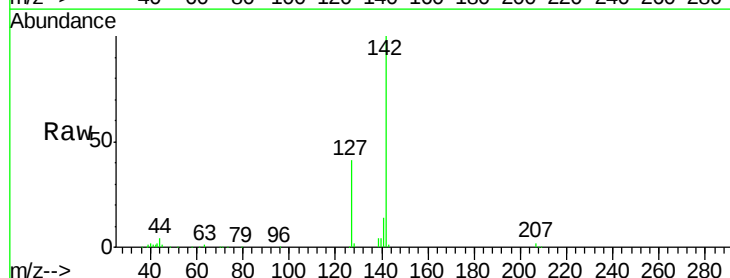
Tgt Ion:142 Resp: 205673

Ion Ratio Lower Upper

142 100

127 41.0 38.2 57.4

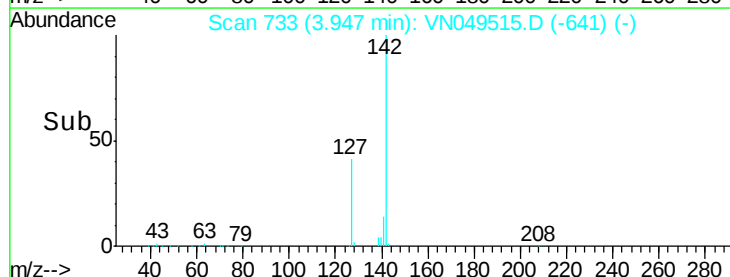
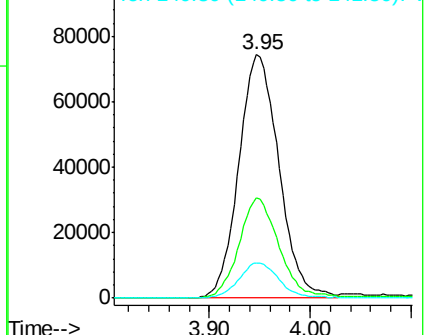
141 14.3 11.9 17.9

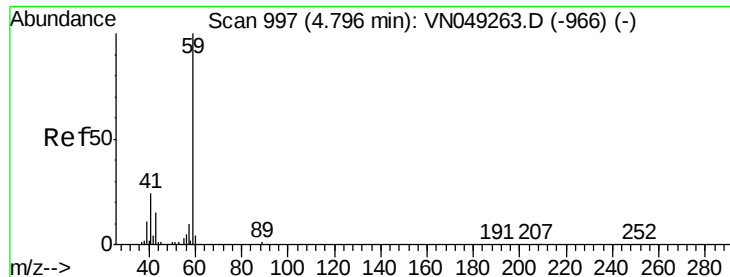


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

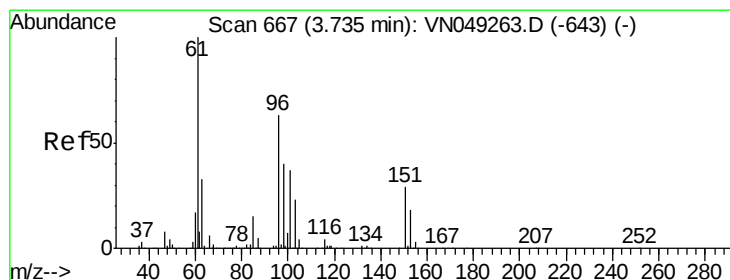
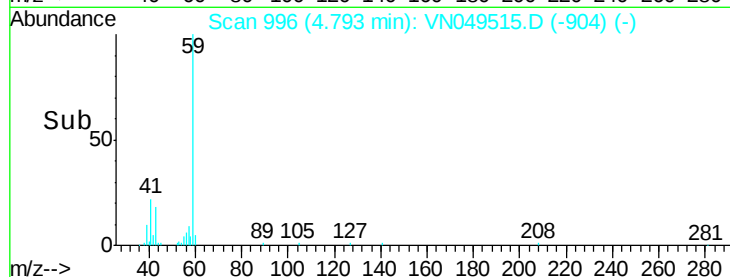
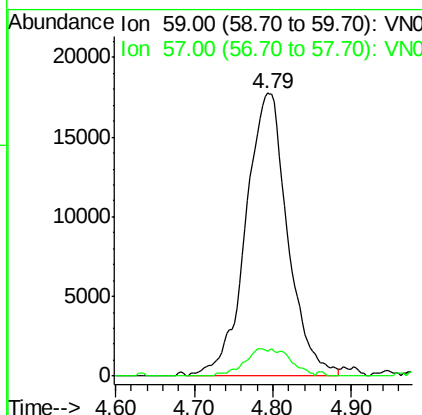
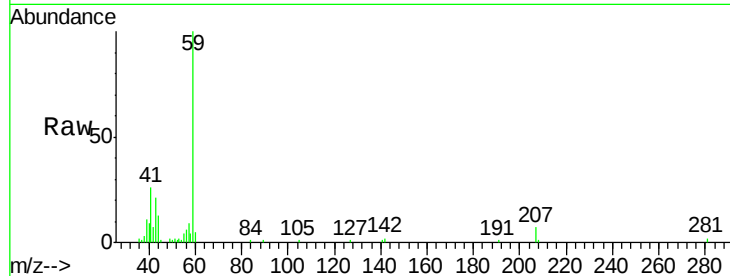




#11
Tert butyl alcohol
Concen: 81.95 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

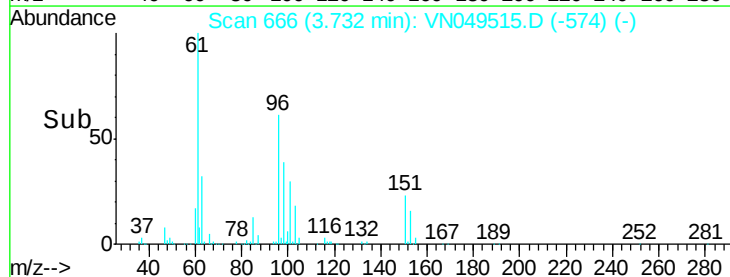
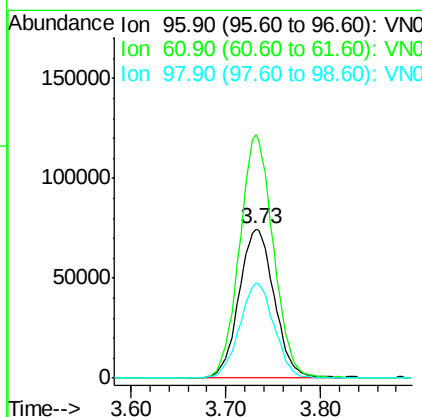
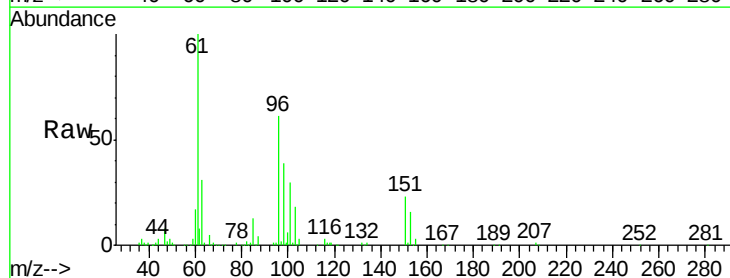
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

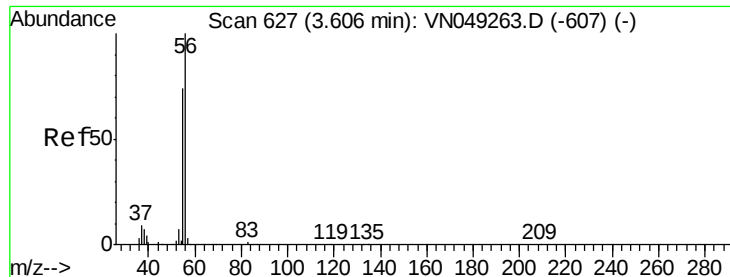
Tot Ion: 59 Resp: 66800
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 16.09 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 96 Resp: 193164
Ion Ratio Lower Upper
96 100
61 163.5 141.0 211.4
98 64.0 50.4 75.6





#13

Acrolein

Concen: 133.45 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

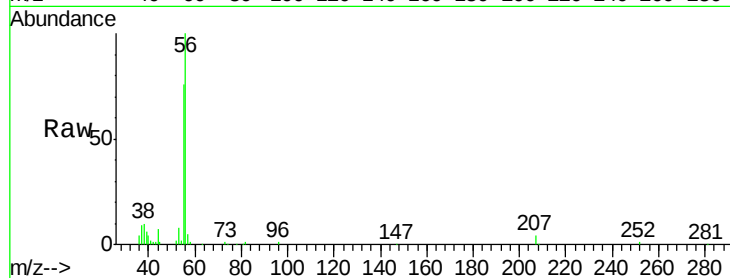
VN0625WBSD01

Tot Ion: 56 Resp: 114070

Ion Ratio Lower Upper

56 100

55 72.8 57.1 85.7

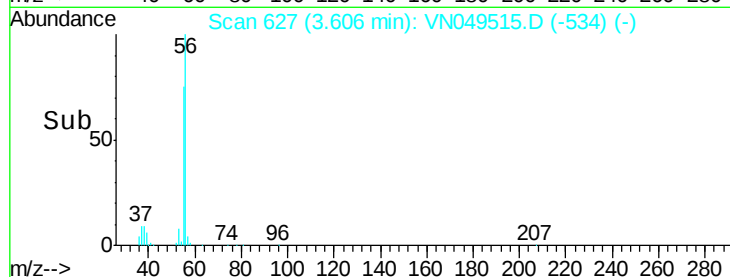


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

Time-->

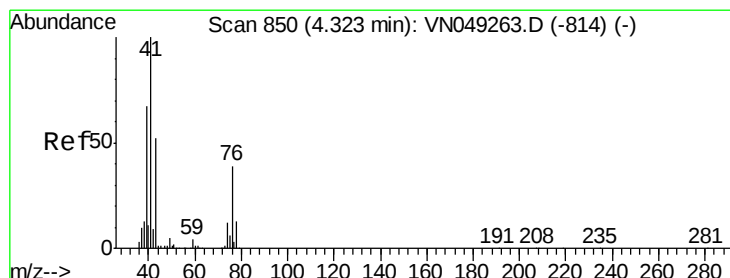


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

Time-->



#14

Allyl chloride

Concen: 16.25 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

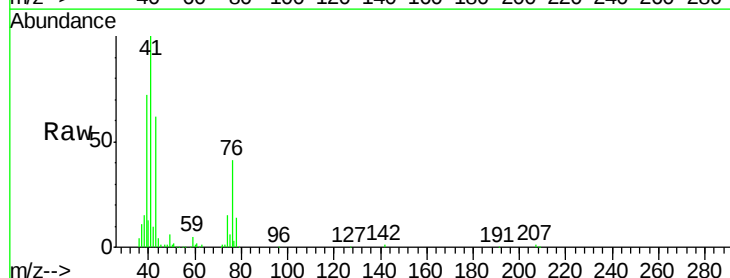
Tgt Ion: 41 Resp: 308008

Ion Ratio Lower Upper

41 100

39 66.6 62.5 93.7

76 36.0 27.1 40.7



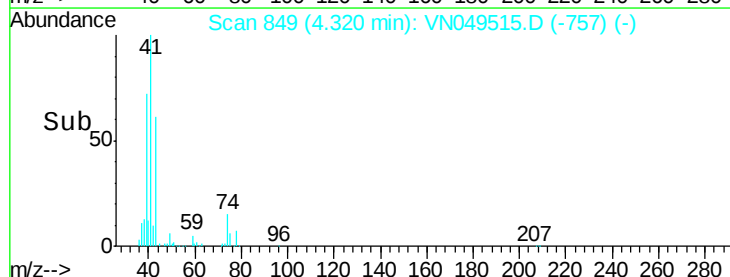
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

Time-->



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

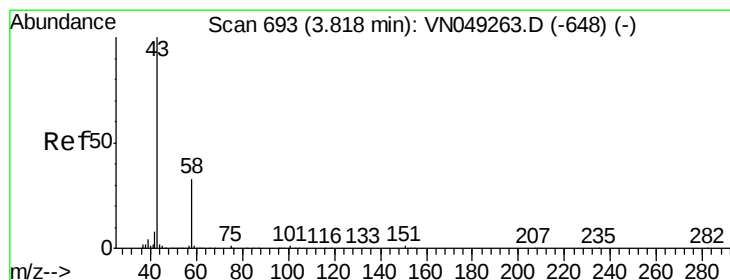
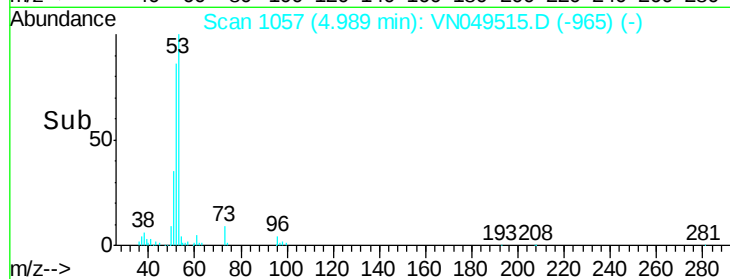
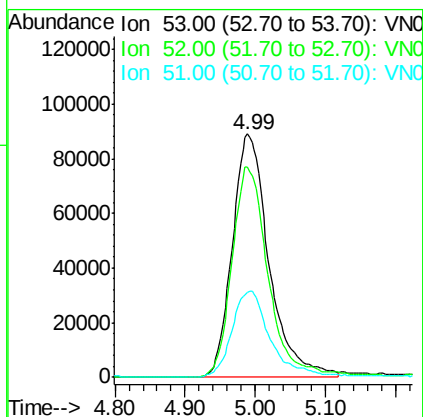
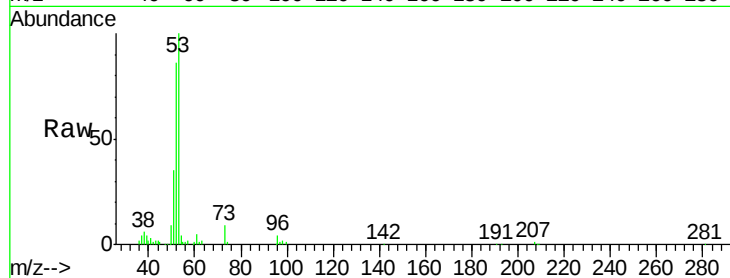
Time-->



#15
 Acrylonitrile
 Concen: 79.34 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

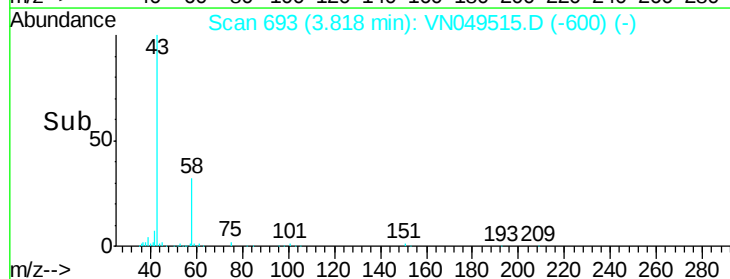
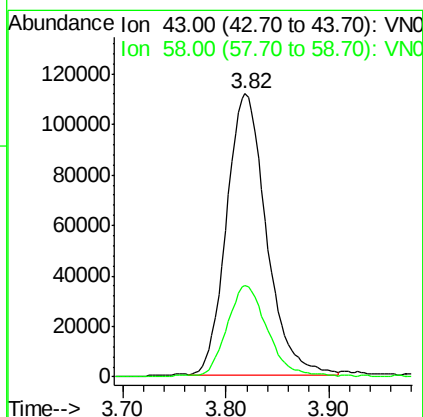
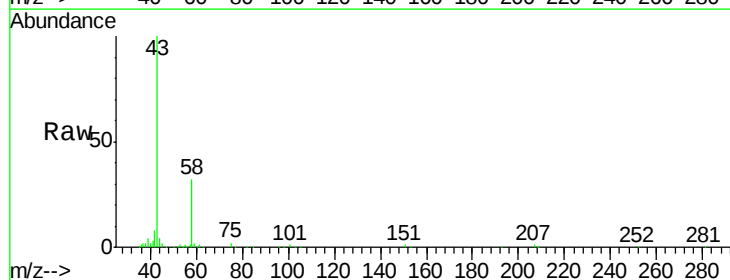
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

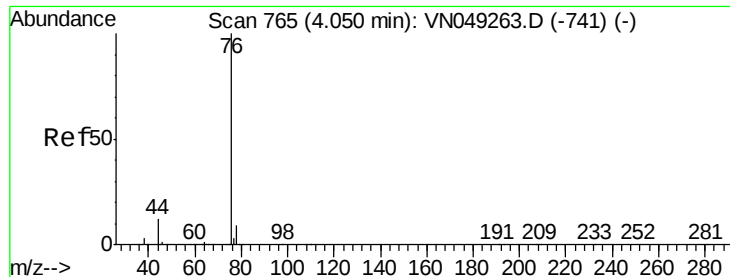
Tot Ion	53	Resp	323366
Ion Ratio	Lower	Upper	
53	100		
52	85.8	66.6	100.0
51	36.8	29.8	44.8



#16
 Acetone
 Concen: 88.49 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	43	Resp	298385
Ion Ratio	Lower	Upper	
43	100		
58	32.2	22.4	33.6





#17

Carbon Disulfide

Concen: 14.90 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

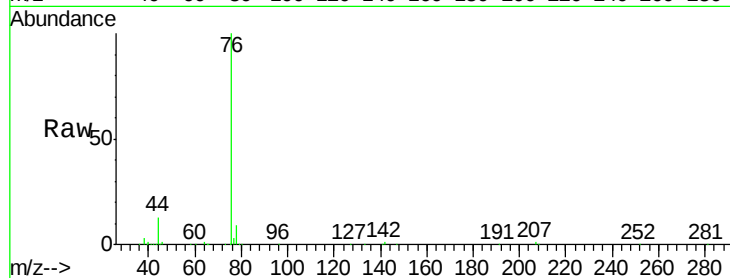
VN0625WBSD01

Tot Ion: 76 Resp: 560619

Ion Ratio Lower Upper

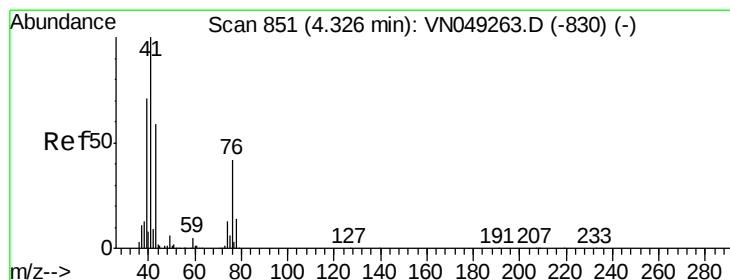
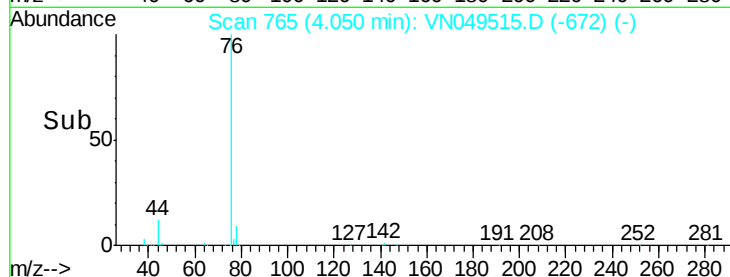
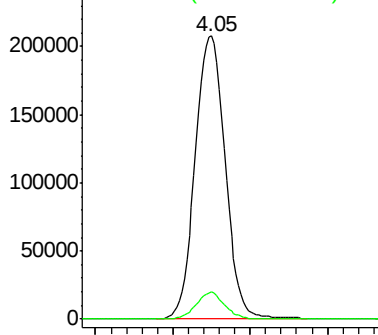
76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.77 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049515.D

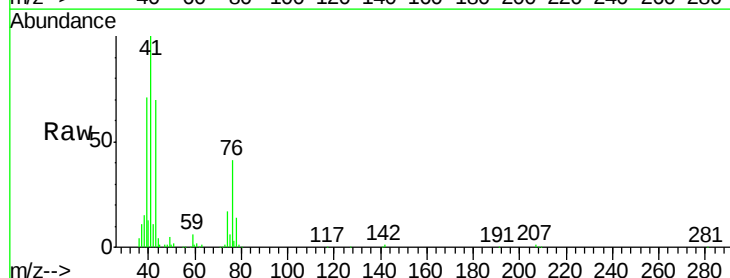
Acq: 25 Jun 2018 16:55

Tgt Ion: 43 Resp: 182749

Ion Ratio Lower Upper

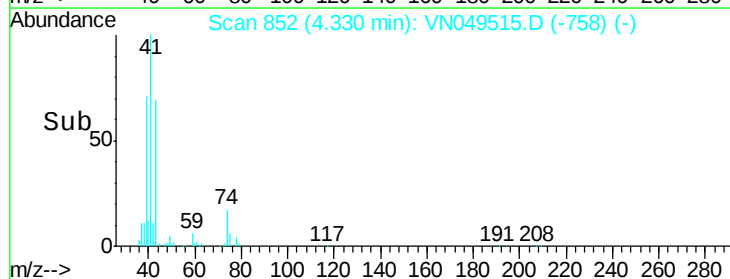
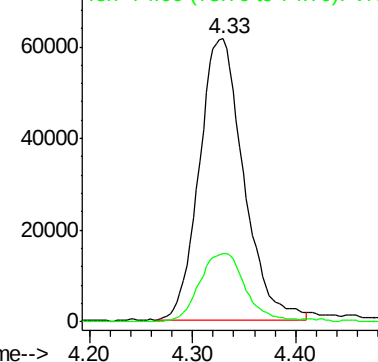
43 100

74 25.3 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

Methyl tert-butyl Ether

Concen: 16.39 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampled :

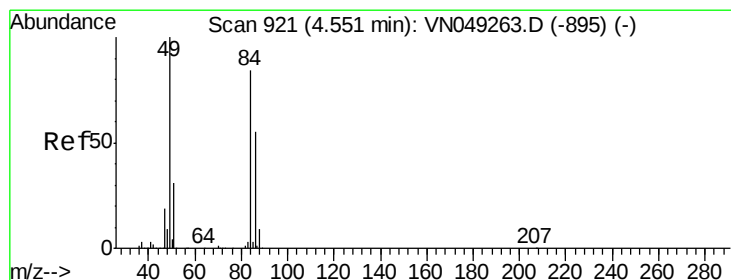
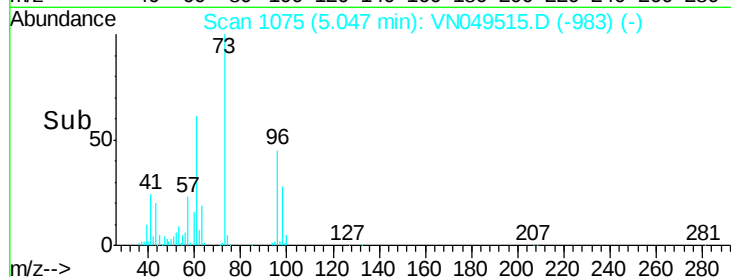
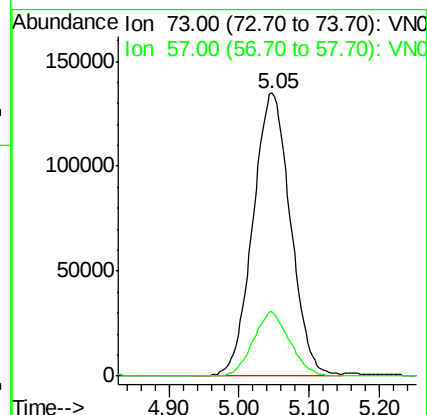
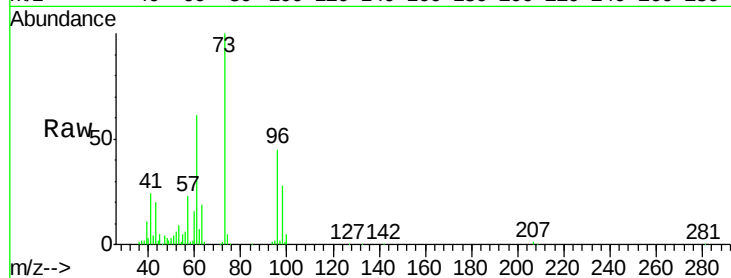
VN0625WBSD01

Tot Ion: 73 Resp: 501834

Ion Ratio Lower Upper

73 100

57 22.9 18.2 27.4



#20

Methylene Chloride

Concen: 18.48 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion: 84 Resp: 260209

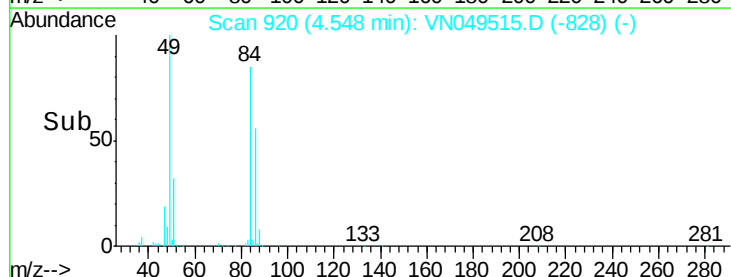
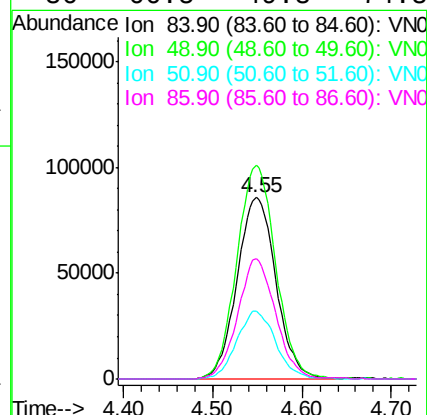
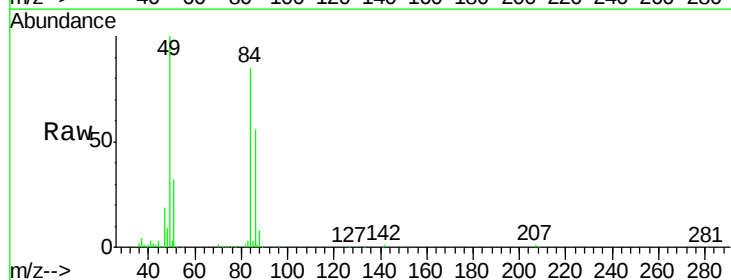
Ion Ratio Lower Upper

84 100

49 117.9 106.9 160.3

51 37.1 32.7 49.1

86 66.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 15.86 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

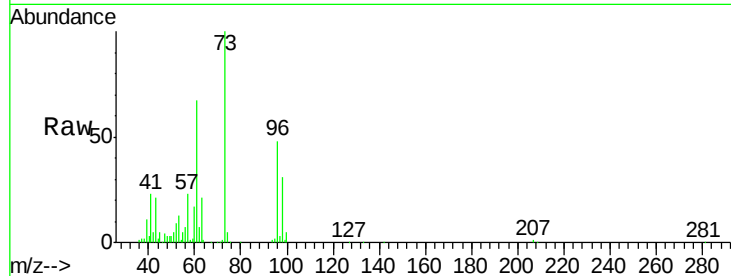
Tot Ion: 96 Resp: 201546

Ion Ratio Lower Upper

96 100

61 139.5 121.3 181.9

98 64.5 52.0 78.0

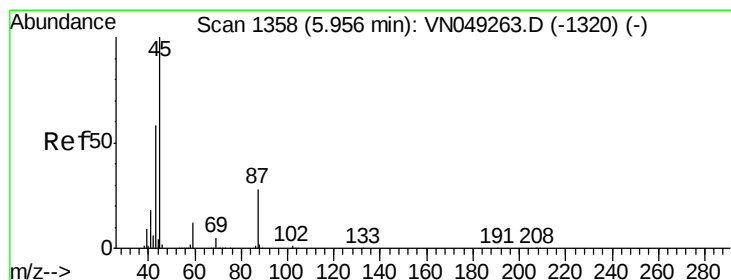
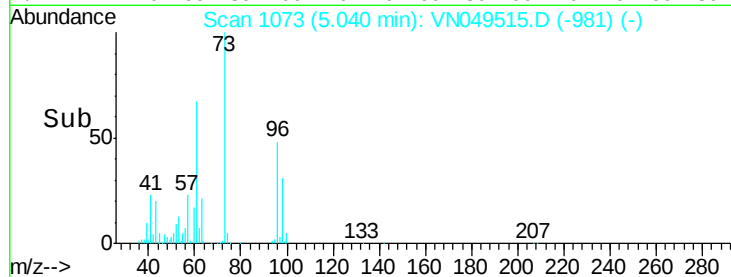
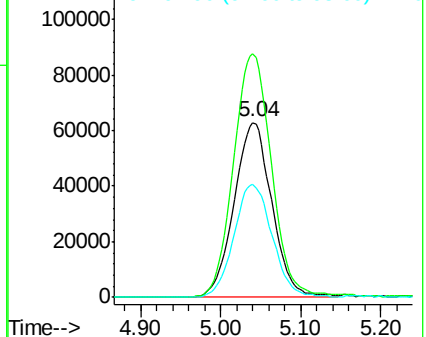


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 16.70 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion: 45 Resp: 632284

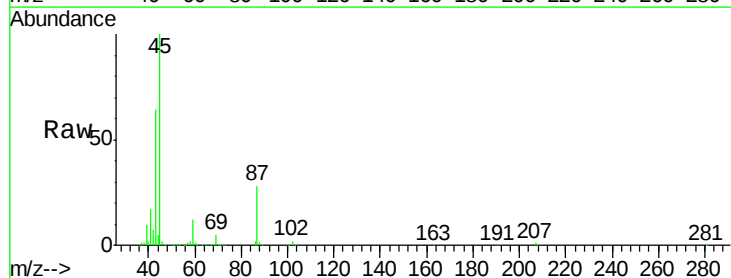
Ion Ratio Lower Upper

45 100

43 63.1 48.6 72.8

87 27.4 20.2 30.2

59 12.0 9.0 13.4



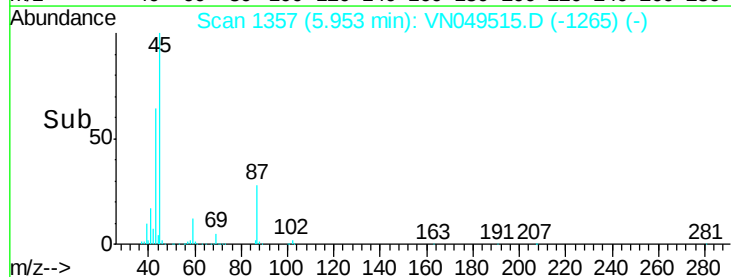
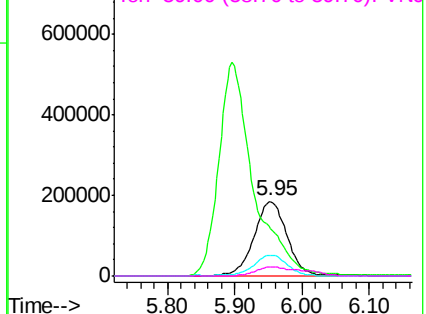
Abundance

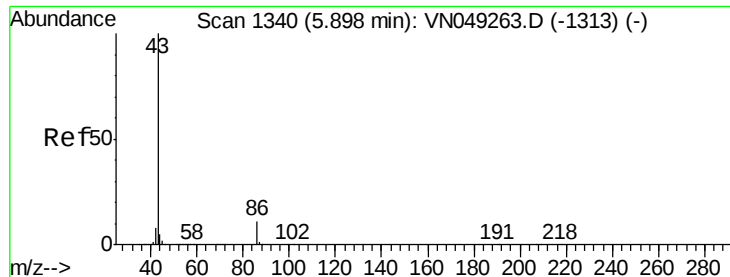
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 77.50 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

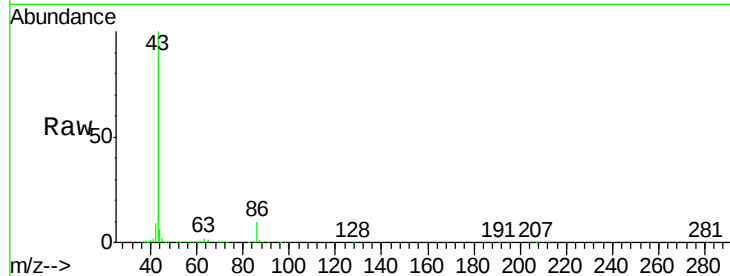
VN0625WBSD01

Tot Ion: 43 Resp: 1912573

Ion Ratio Lower Upper

43 100

86 10.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

600000

500000

400000

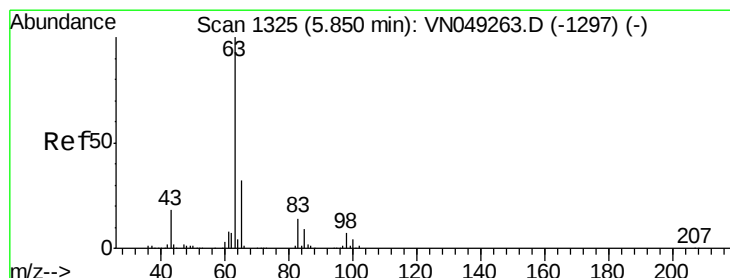
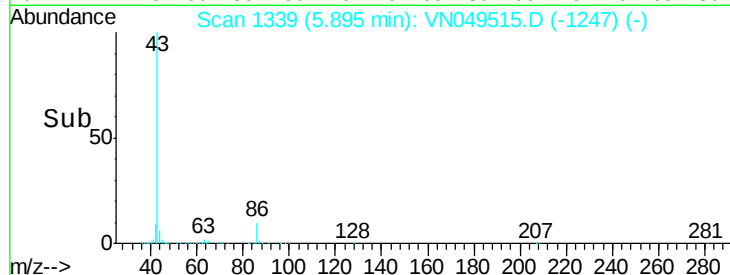
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 16.34 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

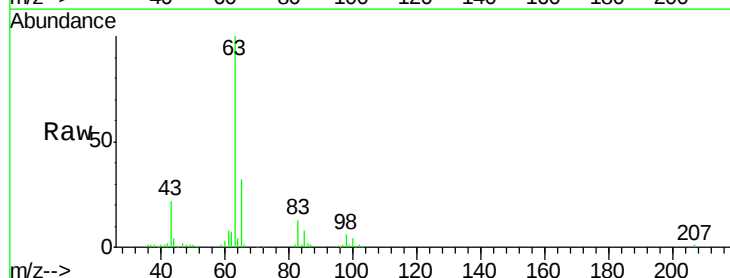
Tgt Ion: 63 Resp: 395987

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 4.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

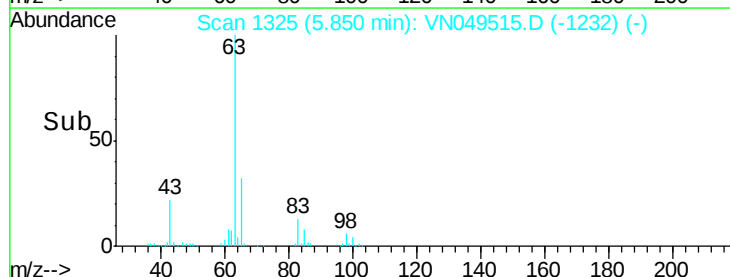
150000

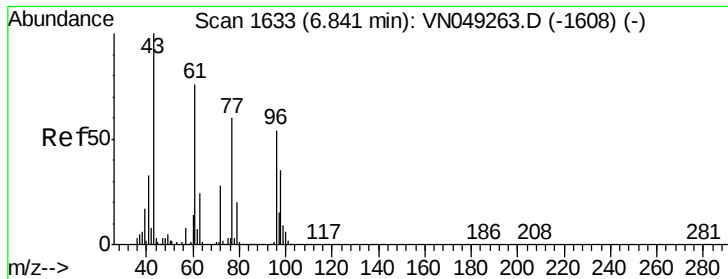
100000

50000

0

Time-->





#25

2-Butanone

Concen: 81.49 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

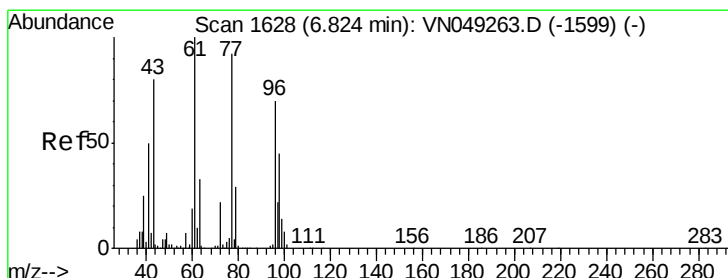
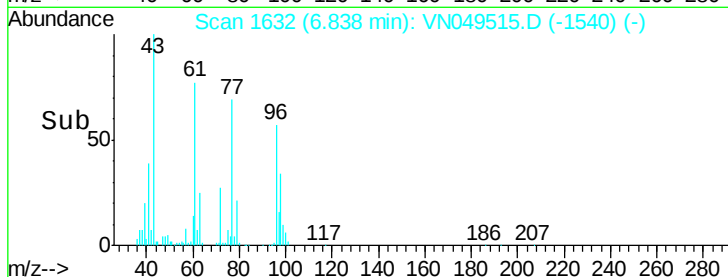
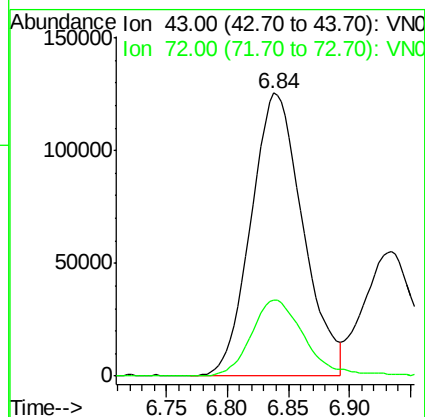
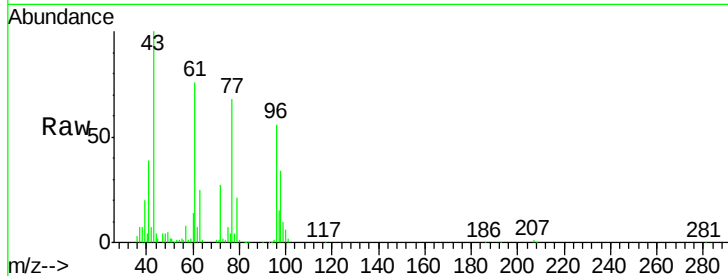
VN0625WBSD01

Tot Ion: 43 Resp: 368970

Ion Ratio Lower Upper

43 100

72 26.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 17.09 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049515.D

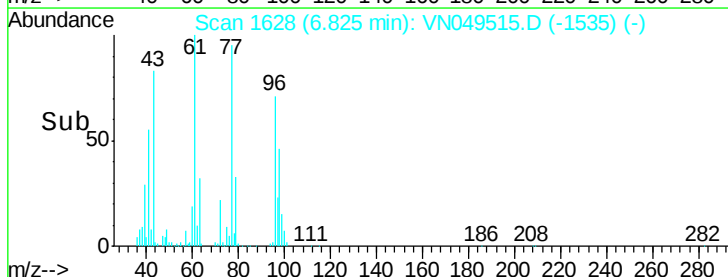
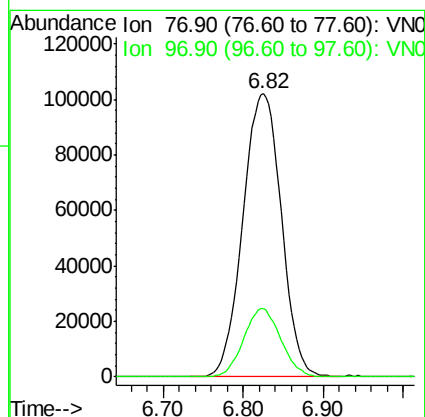
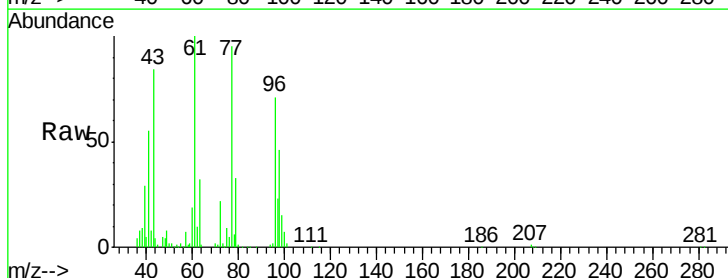
Acq: 25 Jun 2018 16:55

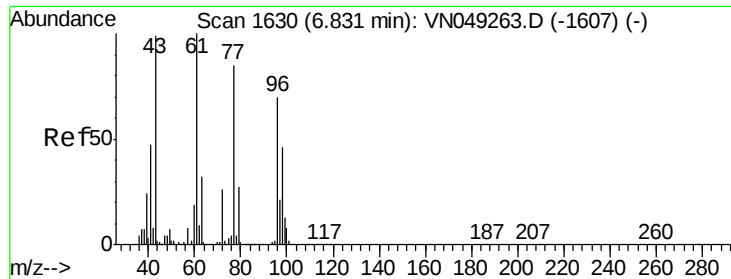
Tgt Ion: 77 Resp: 334342

Ion Ratio Lower Upper

77 100

97 23.2 11.0 33.0

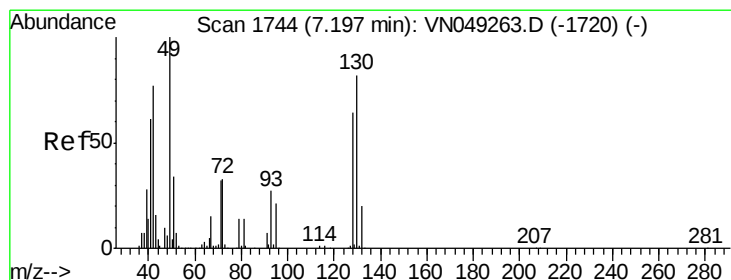
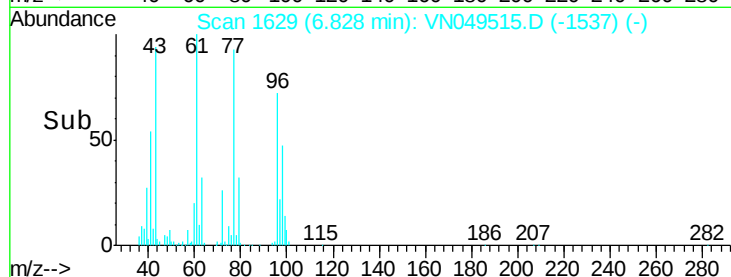
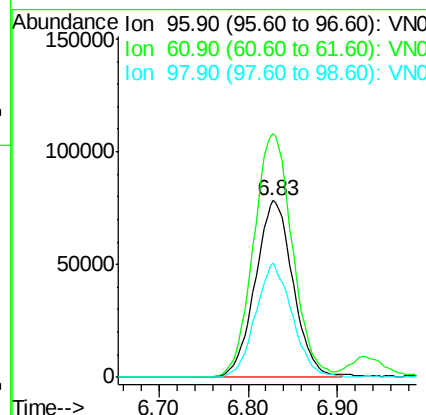
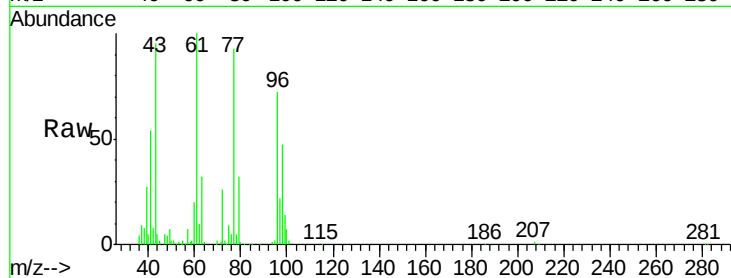




#27
 cis-1,2-Dichloroethene
 Concen: 16.36 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

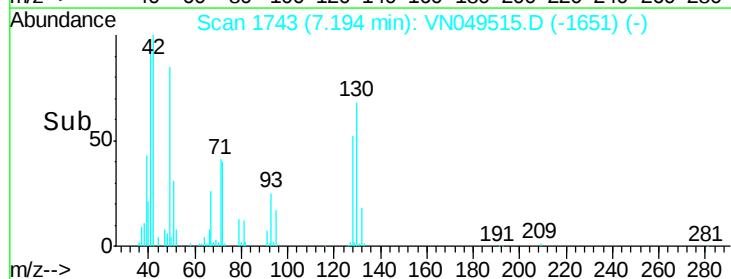
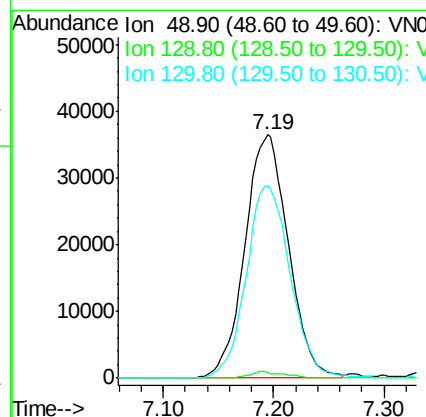
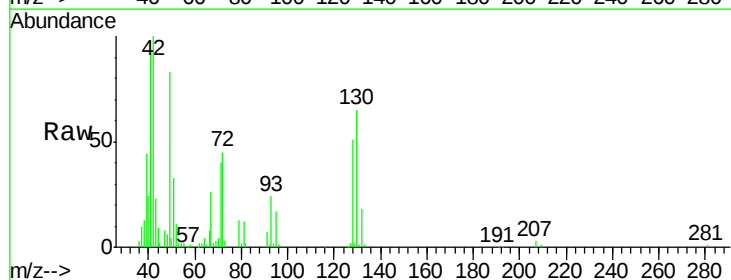
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

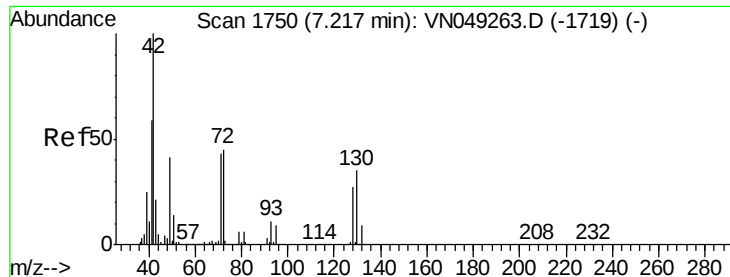
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	316.4
98	62.8	0.0	128.4



#28
 Bromochloromethane
 Concen: 9.28 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	80.2	54.9	82.3





#29

Tetrahydrofuran

Concen: 78.45 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

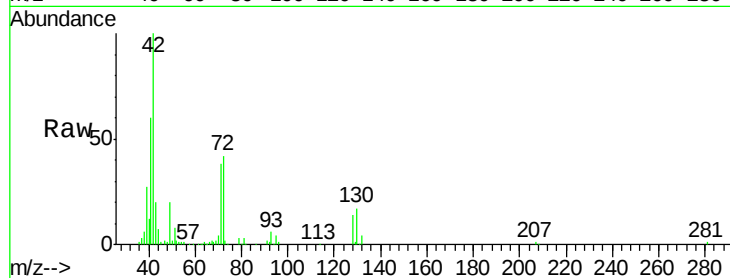
Tot Ion: 42 Resp: 228645

Ion Ratio Lower Upper

42 100

72 43.4 32.2 48.4

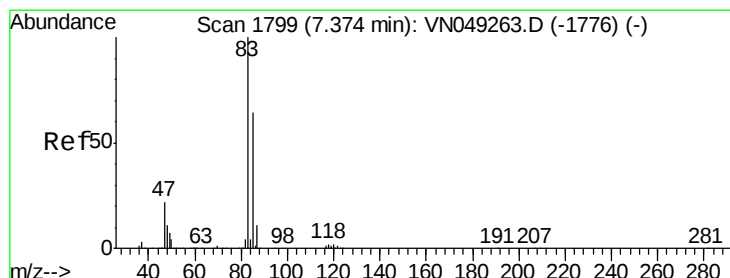
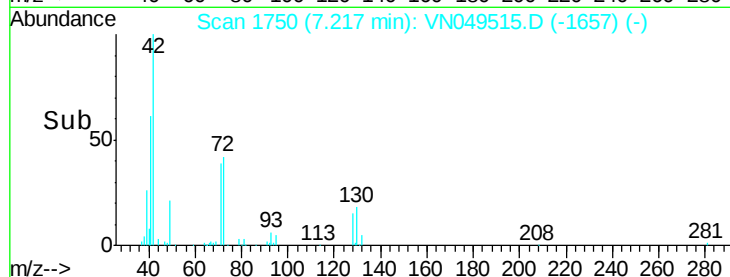
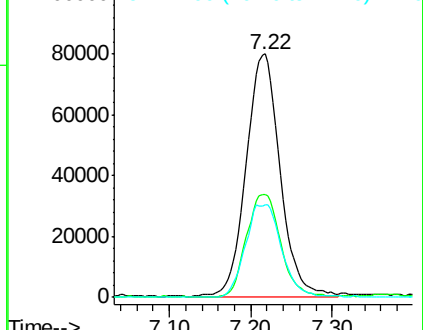
71 19.9 30.5 45.7#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 16.35 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049515.D

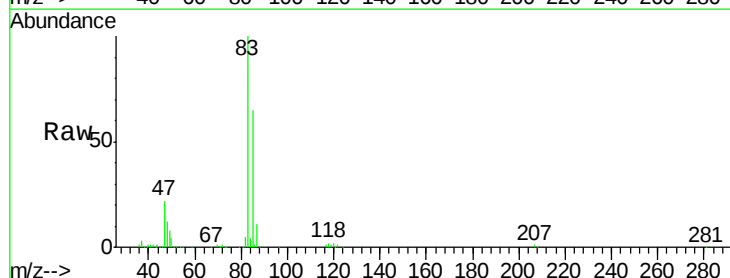
Acq: 25 Jun 2018 16:55

Tgt Ion: 83 Resp: 394168

Ion Ratio Lower Upper

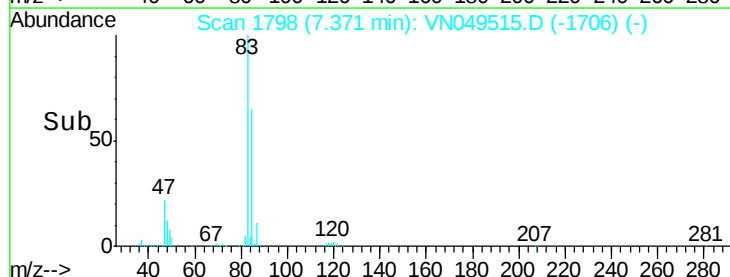
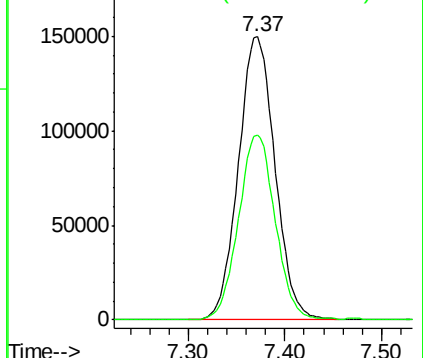
83 100

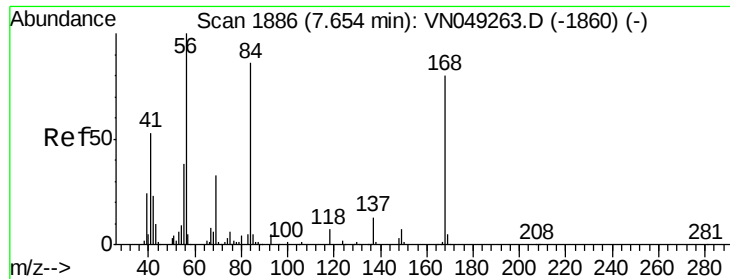
85 65.2 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

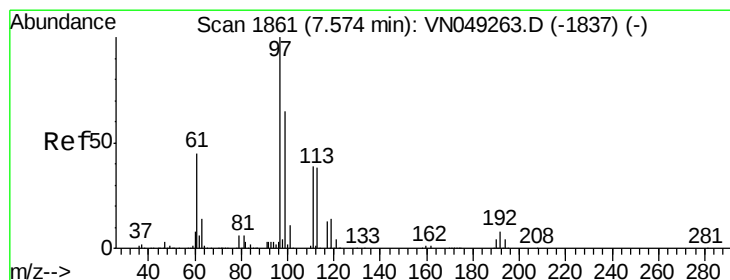
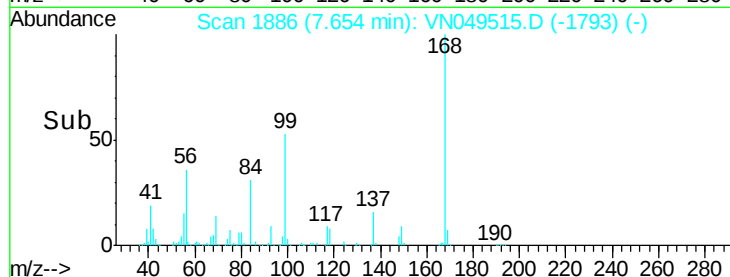
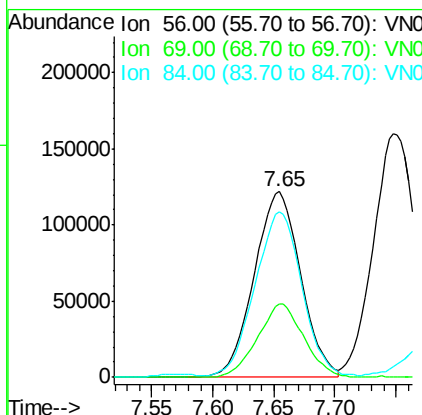
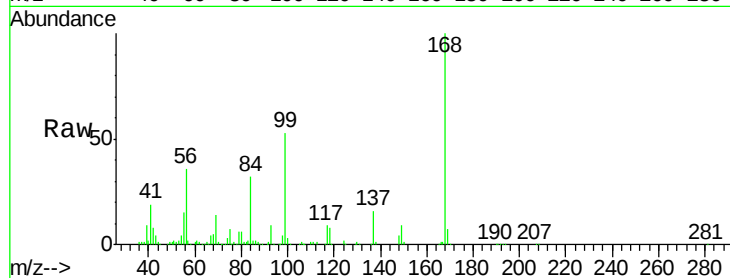




#31
Cyclohexane
Concen: 15.61 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

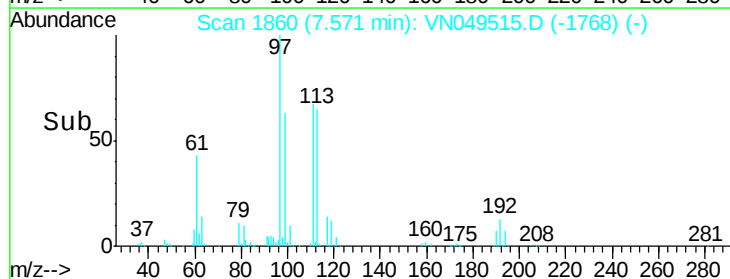
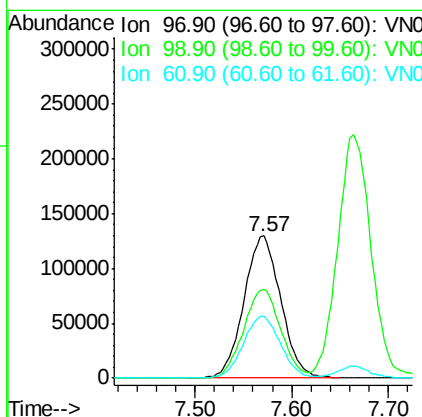
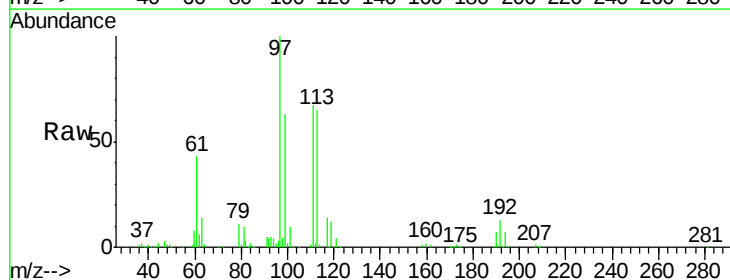
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

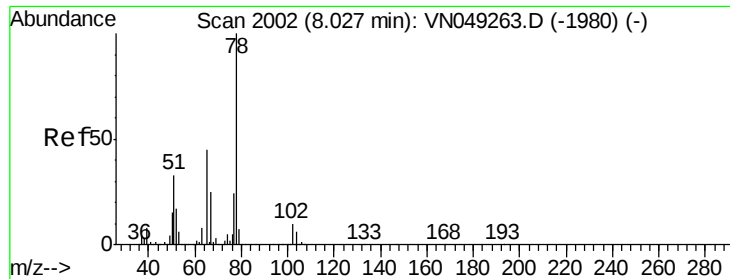
Tot Ion: 56 Resp: 323090
Ion Ratio Lower Upper
56 100
69 39.7 25.0 37.4#
84 87.7 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 16.66 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 97 Resp: 342817
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 43.9 37.9 56.9

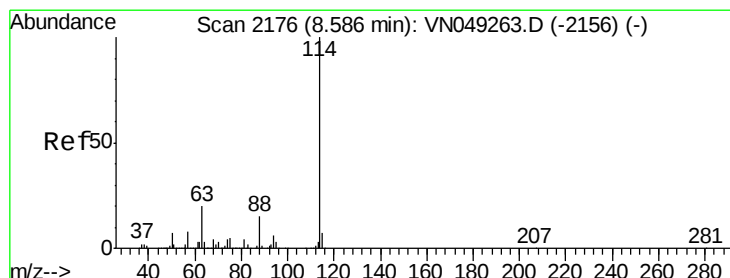
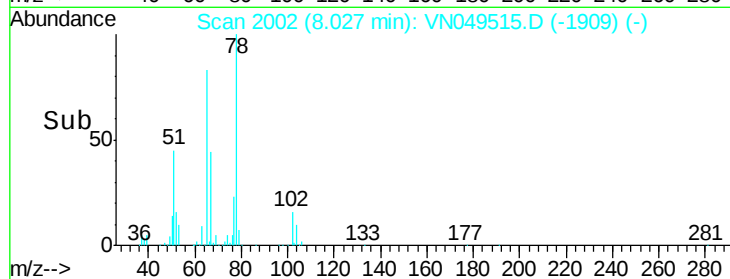
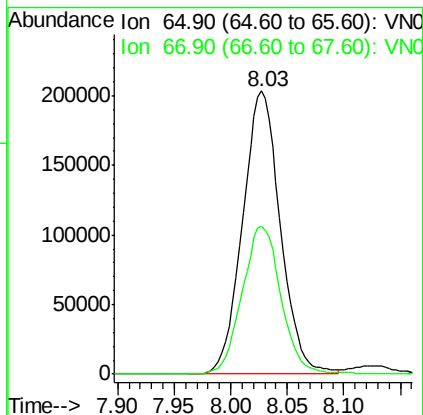
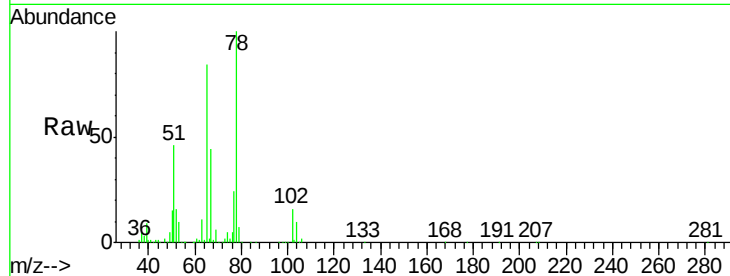




#33
 1,2-Dichloroethane-d4
 Concen: 33.95 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

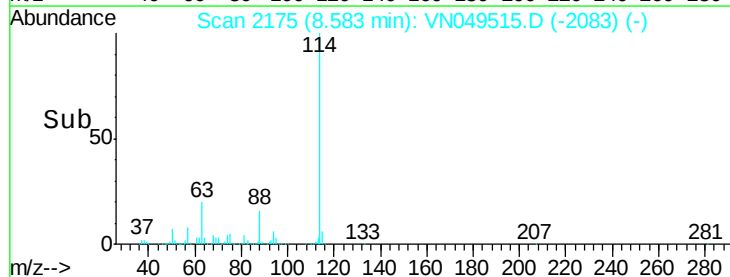
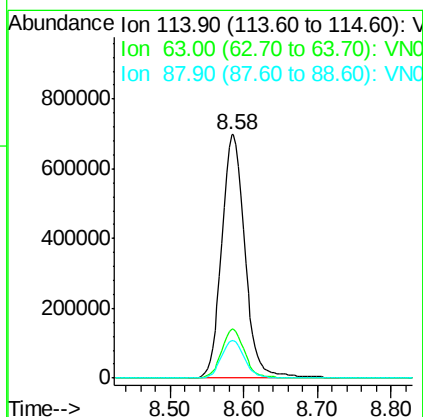
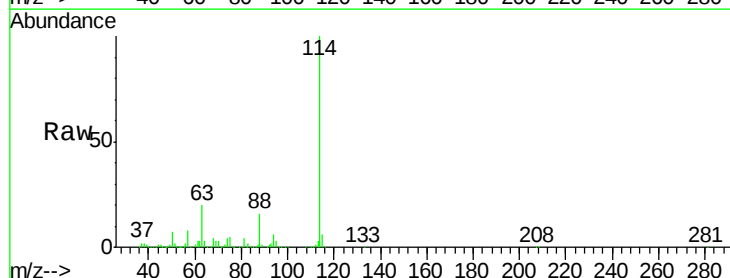
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

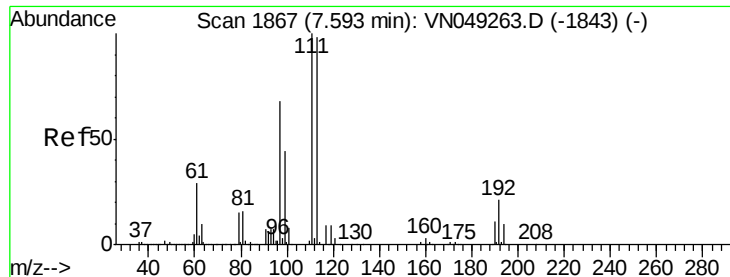
Tot Ion: 65 Resp: 471520
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion:114 Resp: 1533647
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.6 0.0 31.4

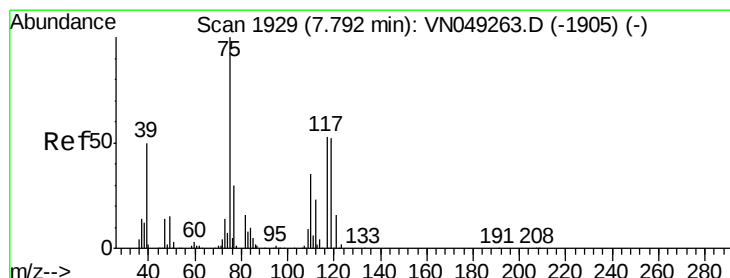
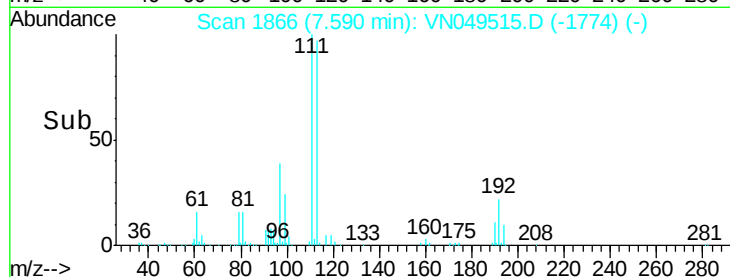
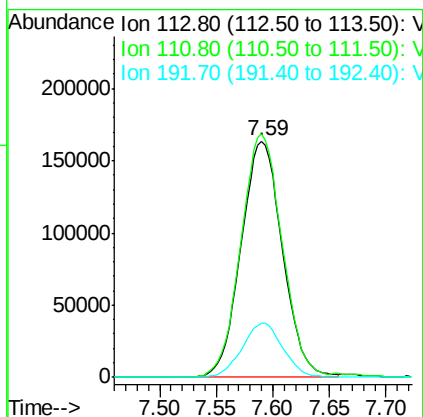
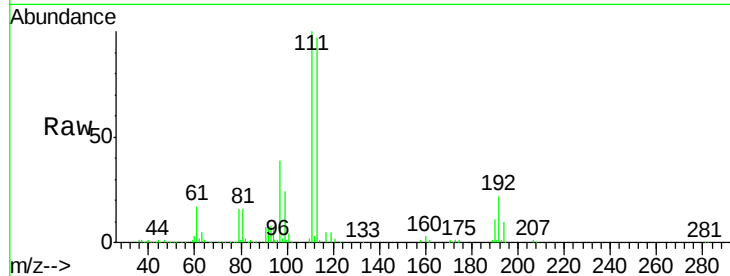




#35
 Dibromofluoromethane
 Concen: 33.59 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

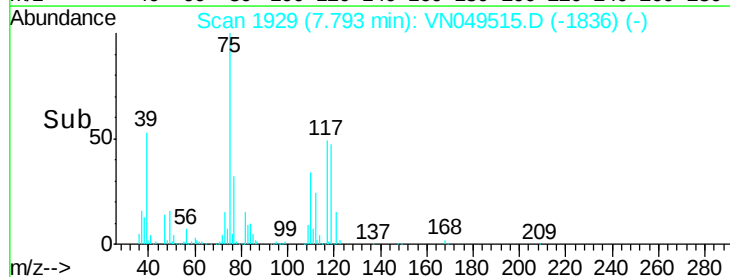
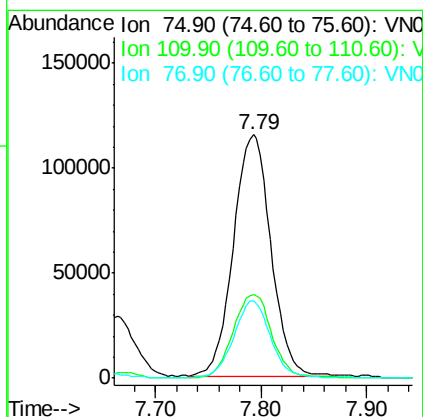
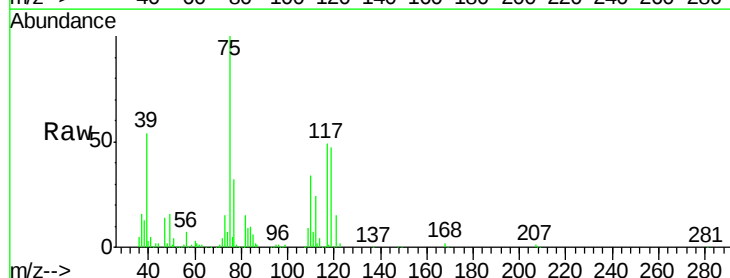
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

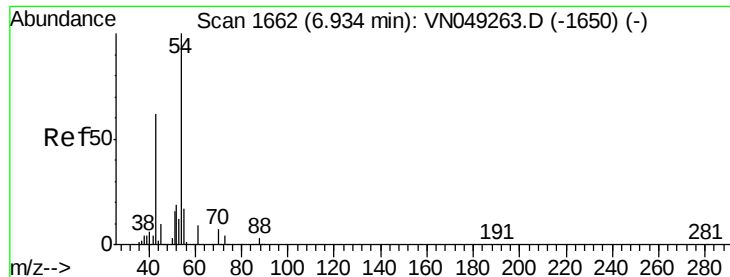
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	22.7	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 16.06 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.0	50.9
77	31.9	24.4	36.6

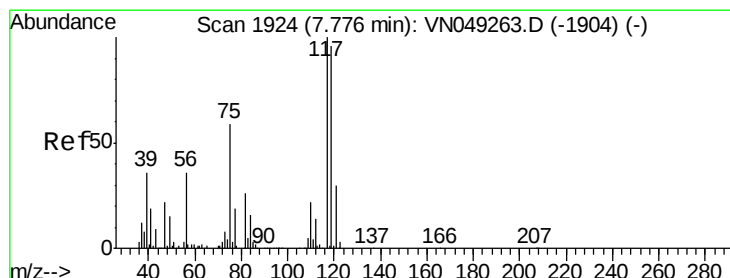
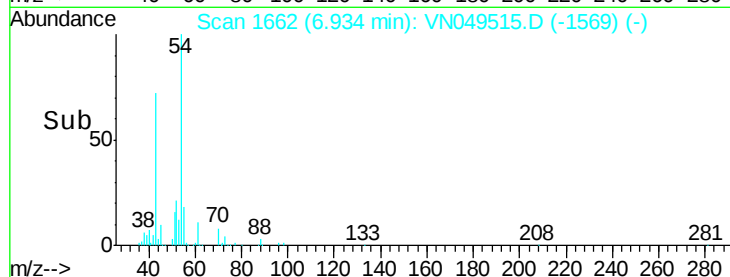
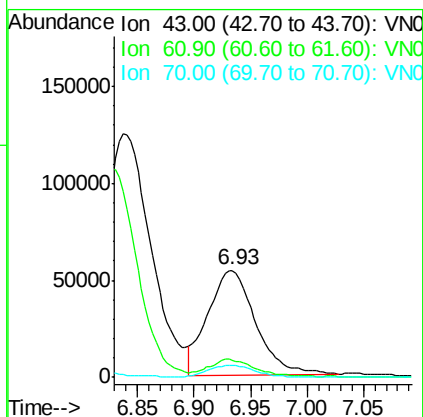
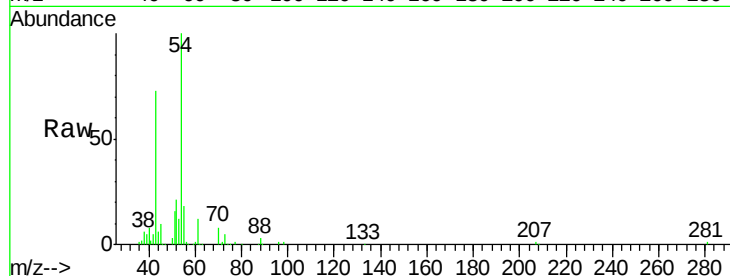




#37
Ethyl Acetate
Concen: 16.60 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

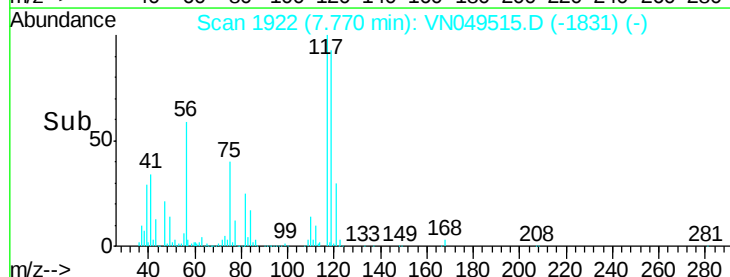
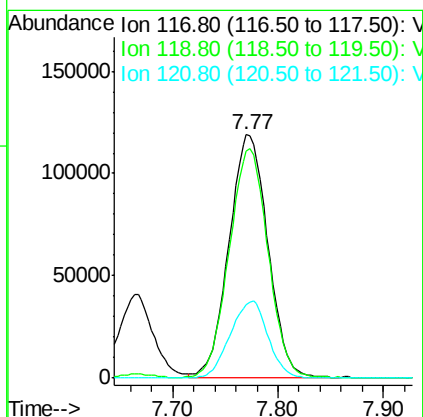
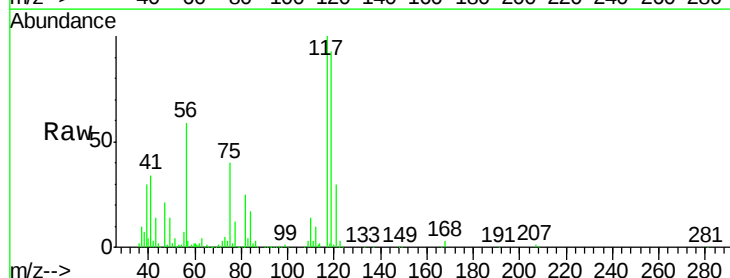
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

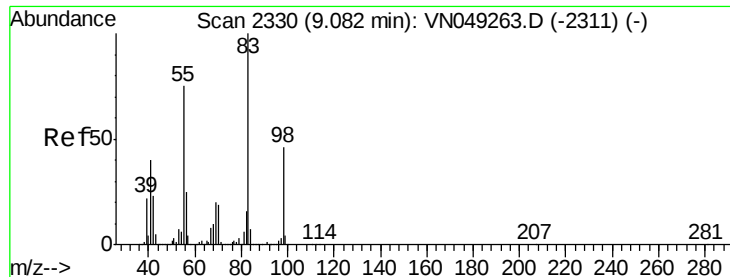
Tot Ion: 43 Resp: 158579
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.4
70 11.4 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 16.69 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 117 Resp: 303647
Ion Ratio Lower Upper
117 100
119 93.0 75.6 113.4
121 30.3 24.7 37.1

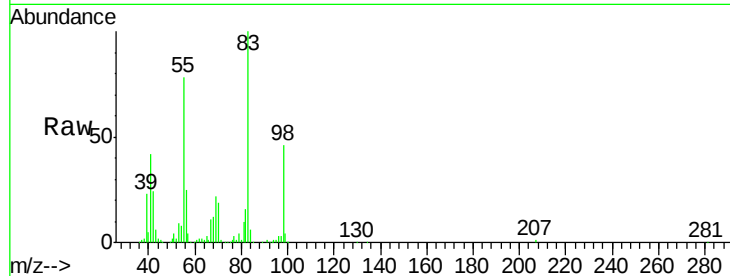




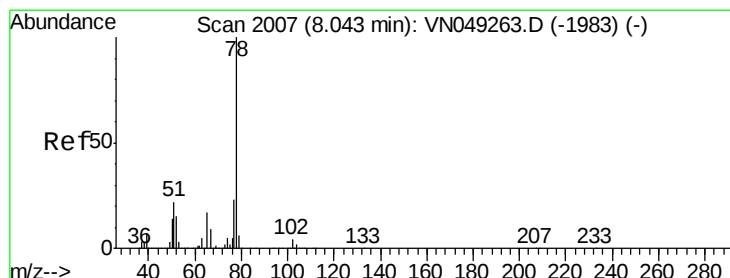
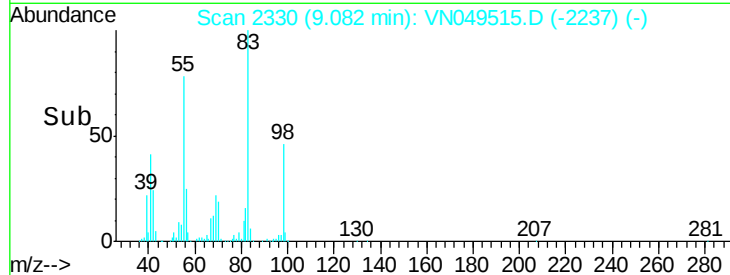
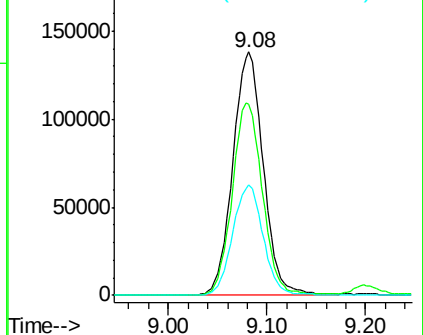
#39
Methvlcvclohexane
Concen: 15.77 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tot Ion	83	Resp	297577
Ion Ratio	Lower	Upper	
83	100		
55	78.1	65.1	97.7
98	45.5	36.5	54.7

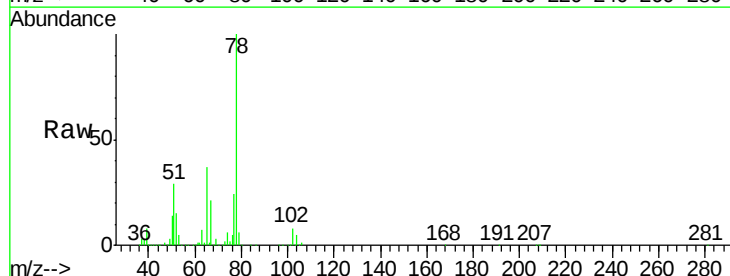


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

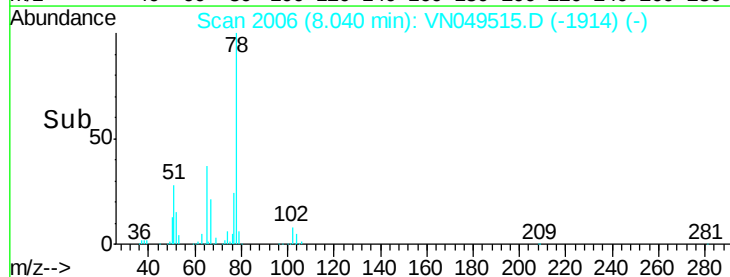
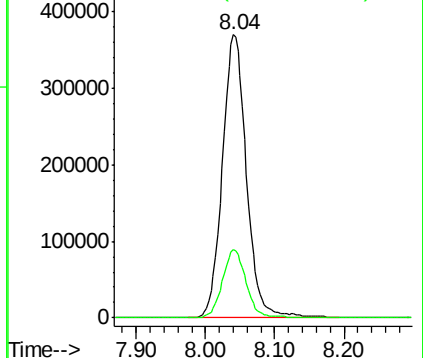


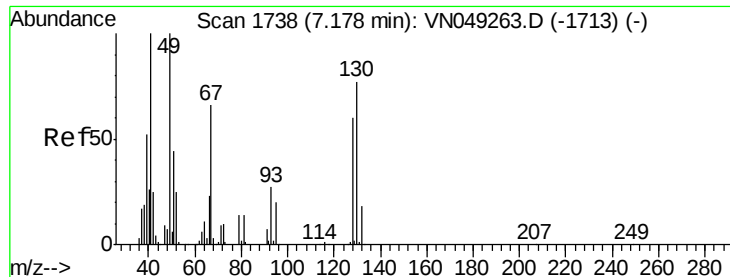
#40
Benzene
Concen: 16.61 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion	78	Resp	895194
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.4	29.0



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

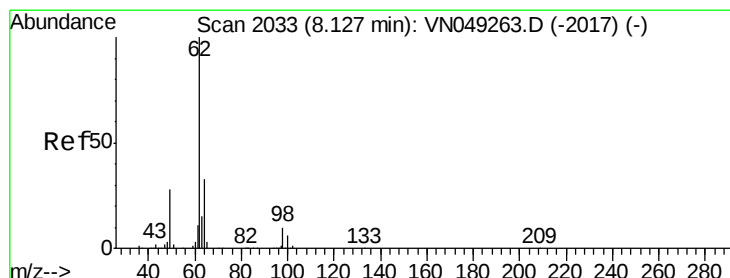
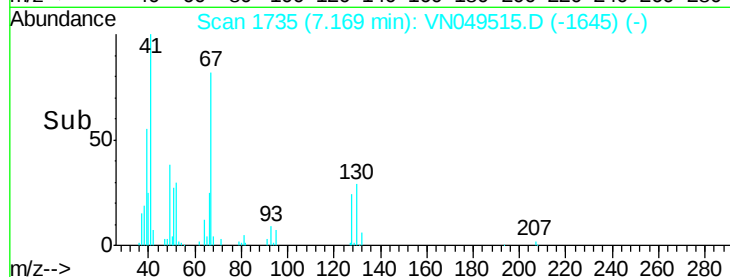
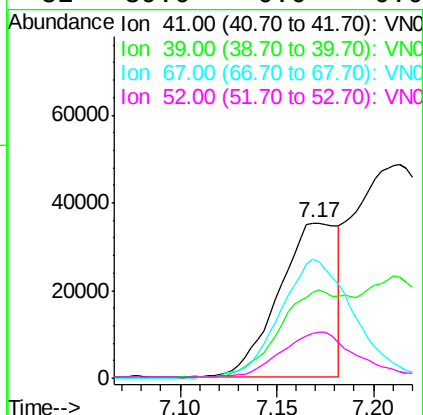
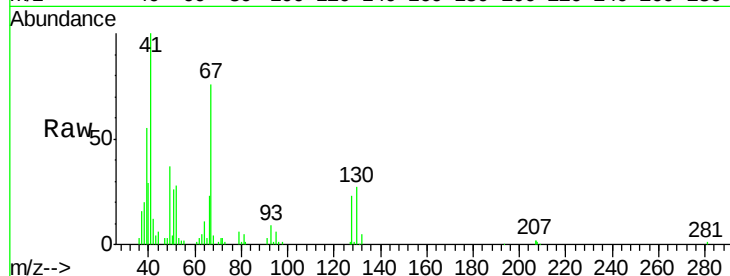




#41
Methacrylonitrile
Concen: 14.34 ug/l
RT: 7.17 min Scan# 1735
Delta R.T. -0.01 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

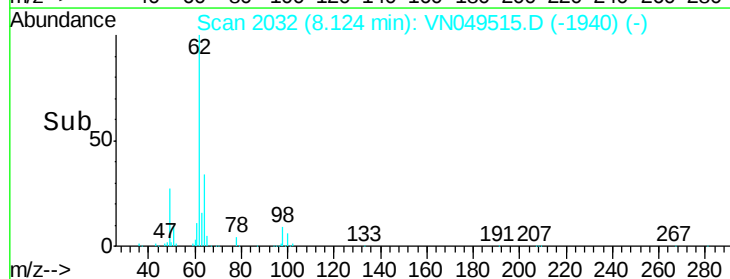
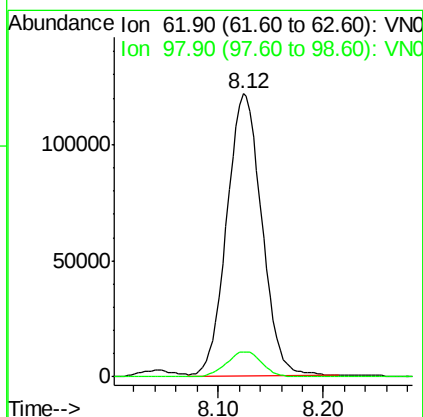
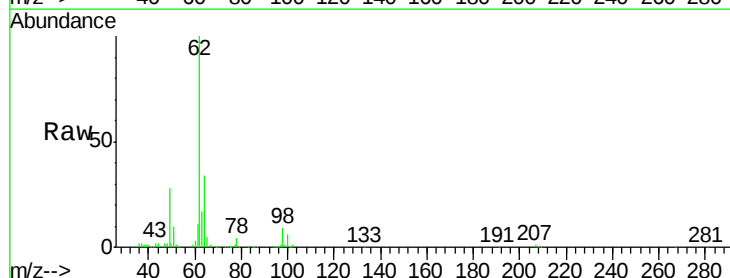
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

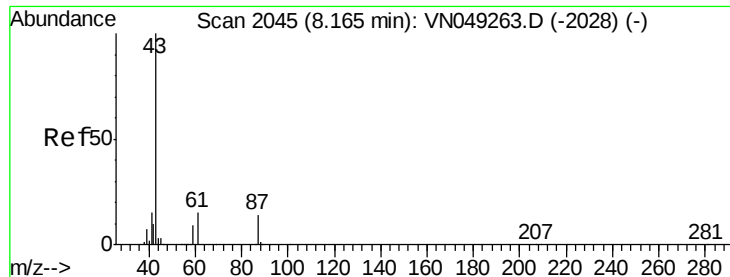
Tot Ion:	41	Resp:	74073
Ion	Ratio	Lower	Upper
41	100		
39	54.5	0.0	0.0#
67	99.8	0.0	0.0#
52	39.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 16.76 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion:	62	Resp:	279019
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 16.26 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

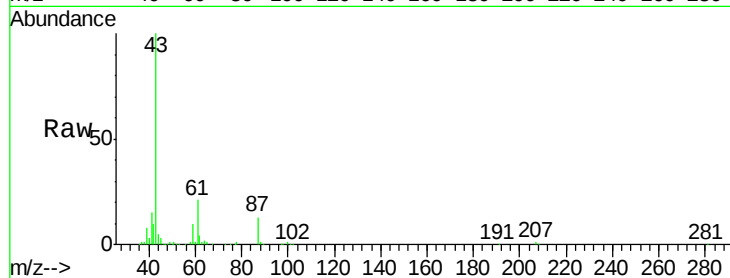
Tot Ion: 43 Resp: 296858

Ion Ratio Lower Upper

43 100

61 20.7 14.2 21.4

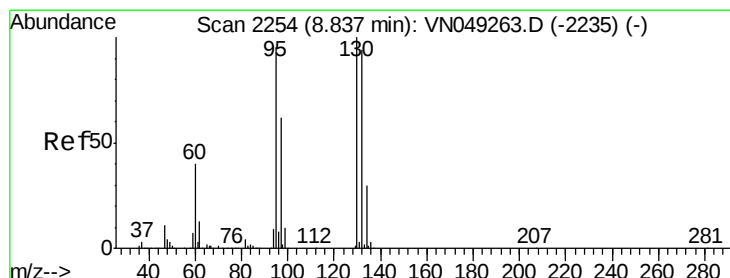
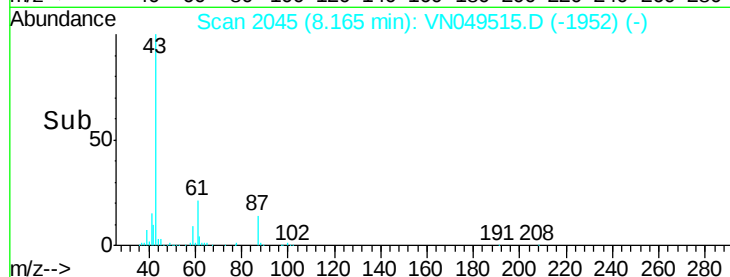
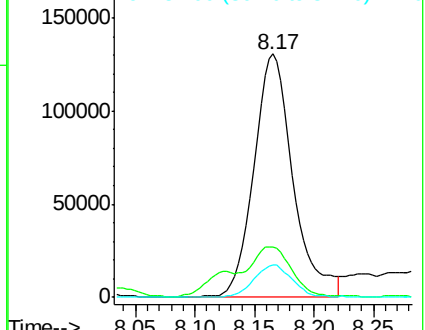
87 13.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 16.94 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049515.D

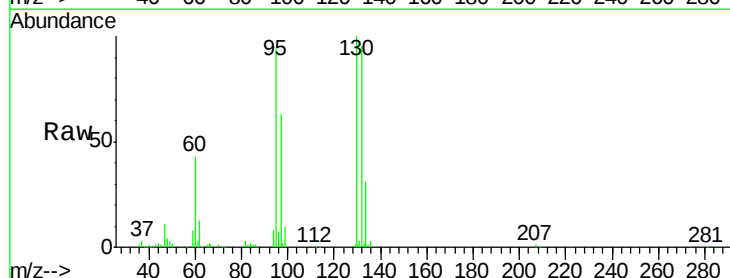
Acq: 25 Jun 2018 16:55

Tgt Ion:130 Resp: 240998

Ion Ratio Lower Upper

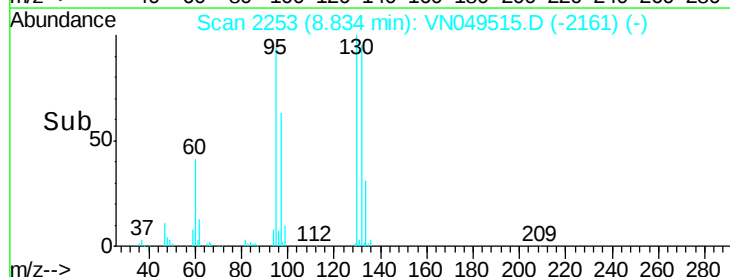
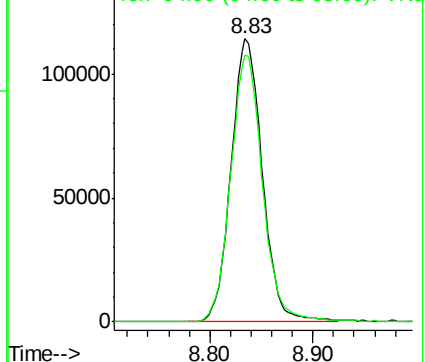
130 100

95 94.1 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 16.77 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

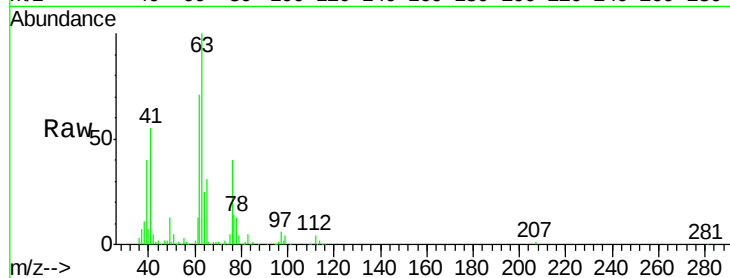
VN0625WBSD01

Tot Ion: 63 Resp: 236593

Ion Ratio Lower Upper

63 100

65 30.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

120000

100000

80000

60000

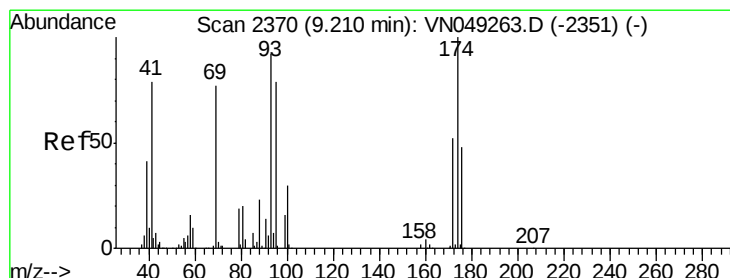
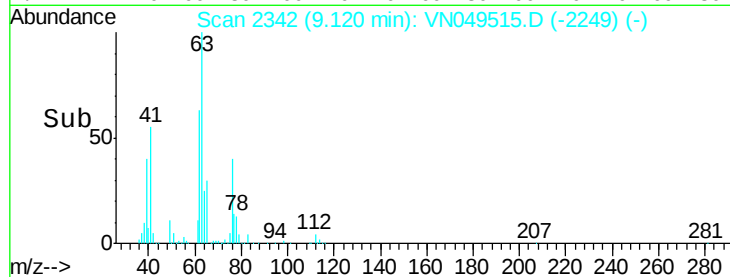
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 16.64 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

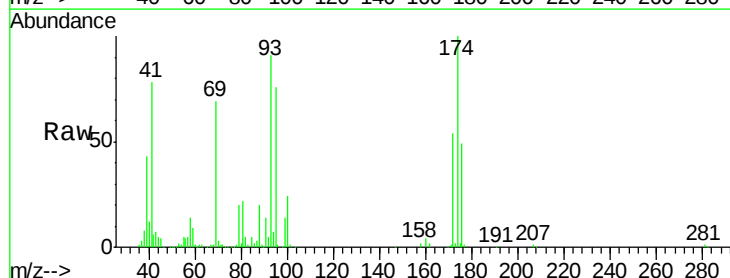
Tgt Ion: 93 Resp: 136132

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

174 111.0 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

80000

60000

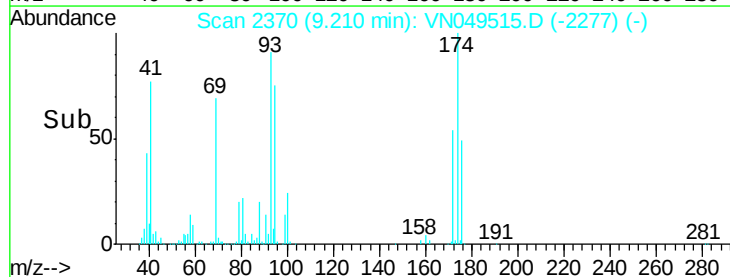
40000

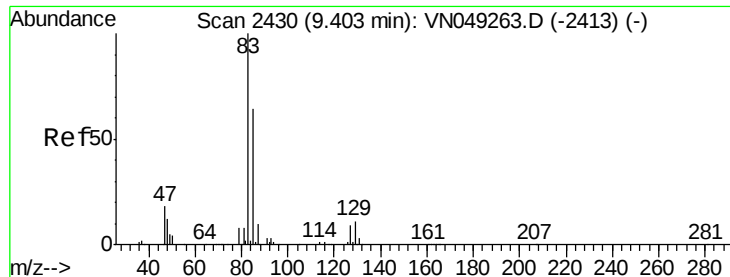
20000

0

Time-->

9.10 9.20 9.30





#47

Bromodichloromethane

Concen: 16.61 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

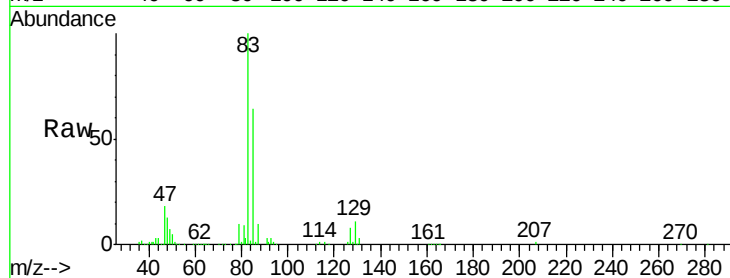
Tot Ion: 83 Resp: 298713

Ion Ratio Lower Upper

83 100

85 64.0 49.4 74.0

127 8.5 6.3 9.5



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

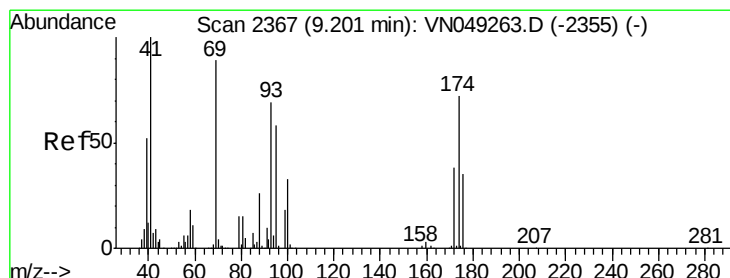
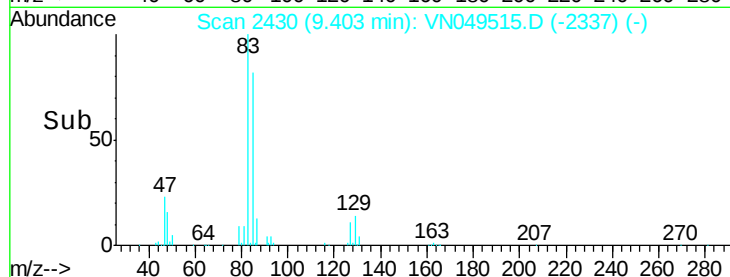
9.40

100000

50000

0

Time--> 9.30 9.40 9.50



#48

Methyl methacrylate

Concen: 16.04 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

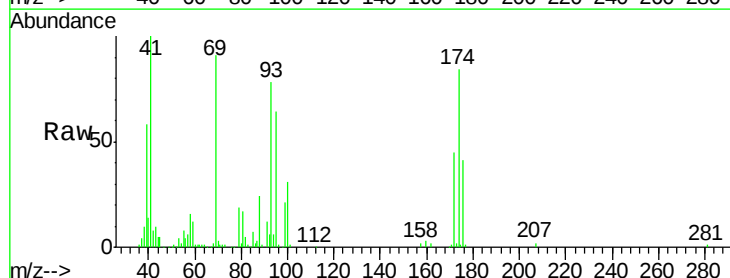
Tgt Ion: 41 Resp: 137898

Ion Ratio Lower Upper

41 100

69 91.2 62.0 93.0

39 57.6 50.6 75.8



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

9.20

80000

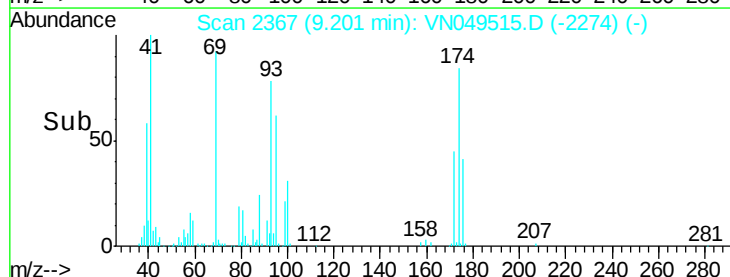
60000

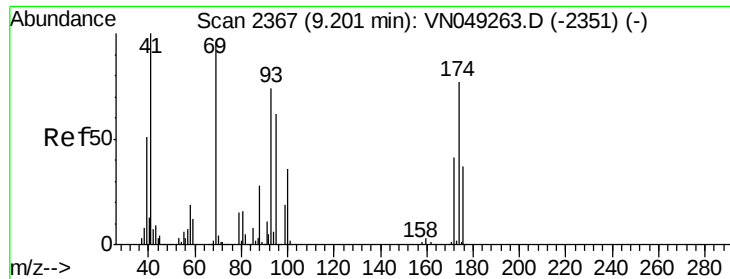
40000

20000

0

Time--> 9.15 9.20 9.25

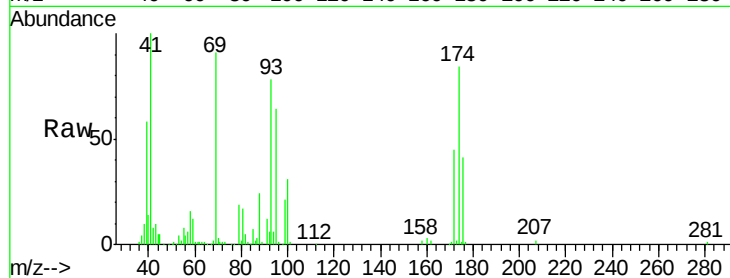




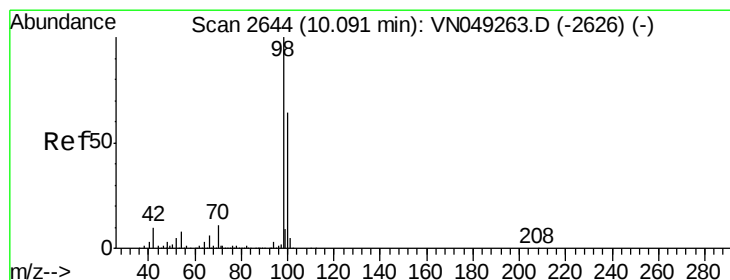
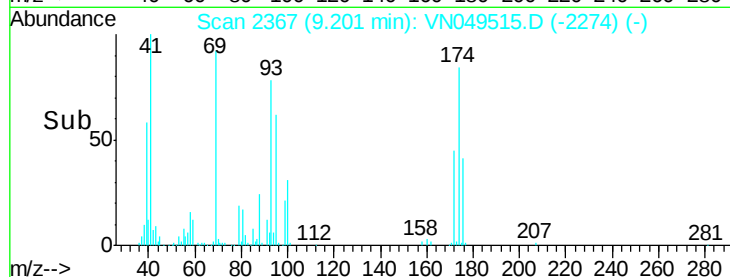
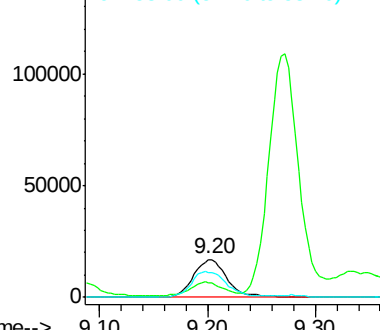
#49
1,4-Dioxane
Concen: 309.23 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion: 88 Resp: 36694
Ion Ratio Lower Upper
88 100
43 35.9 30.9 46.3
58 72.1 58.9 88.3

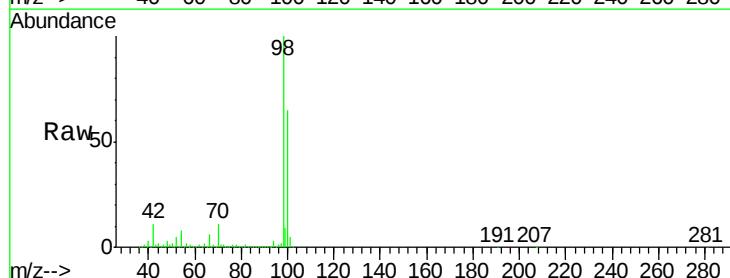


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

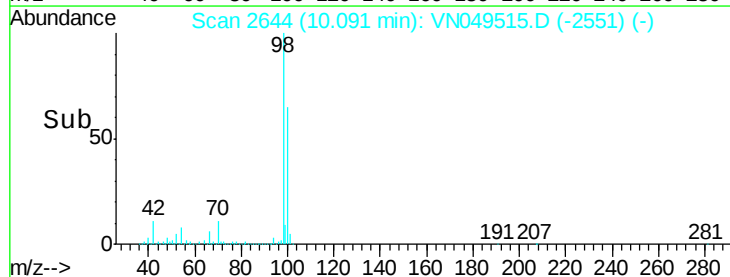
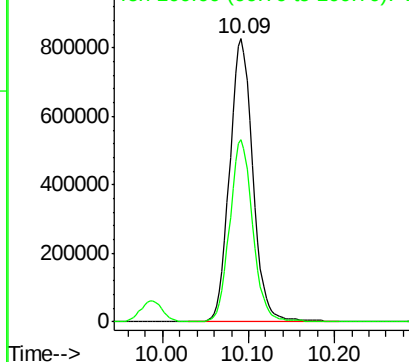


#50
Toluene-d8
Concen: 32.80 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 98 Resp: 1549770
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 81.54 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

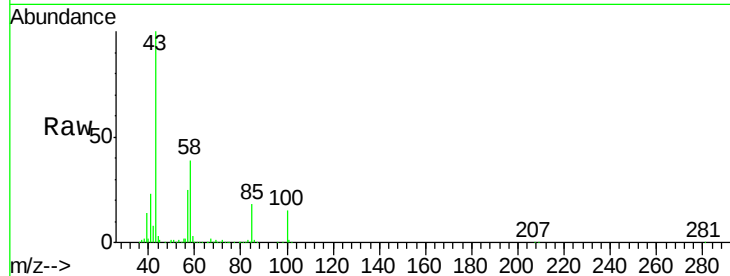
VN0625WBSD01

Tot Ion: 43 Resp: 780230

Ion Ratio Lower Upper

43 100

58 39.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

400000

300000

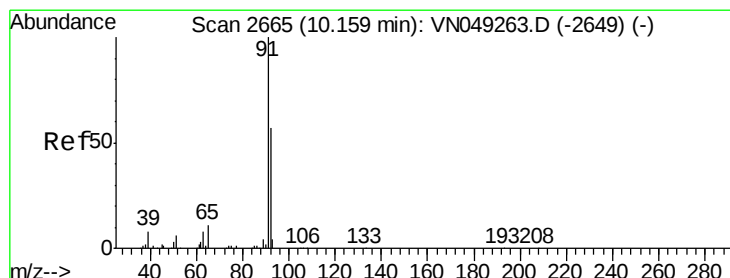
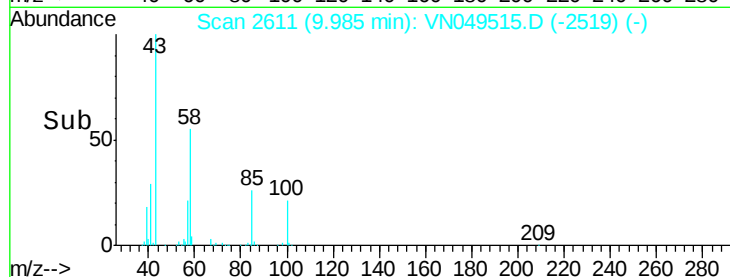
200000

100000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 16.97 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049515.D

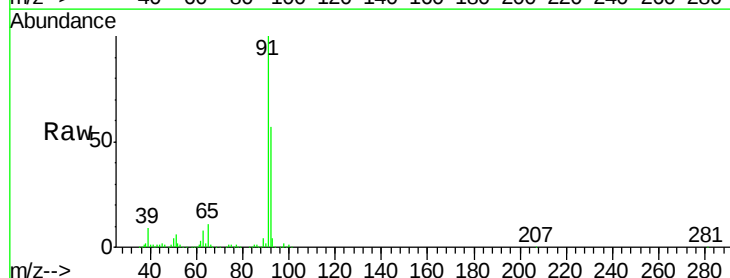
Acq: 25 Jun 2018 16:55

Tgt Ion: 92 Resp: 536582

Ion Ratio Lower Upper

92 100

91 175.7 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

500000

400000

300000

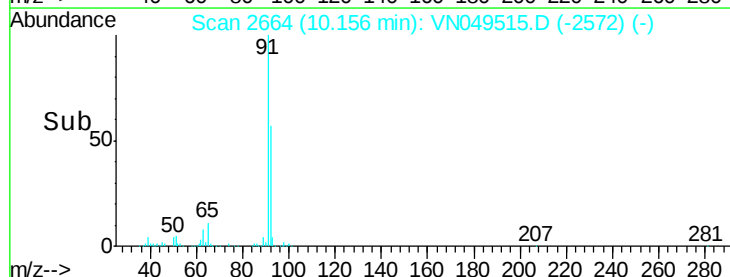
200000

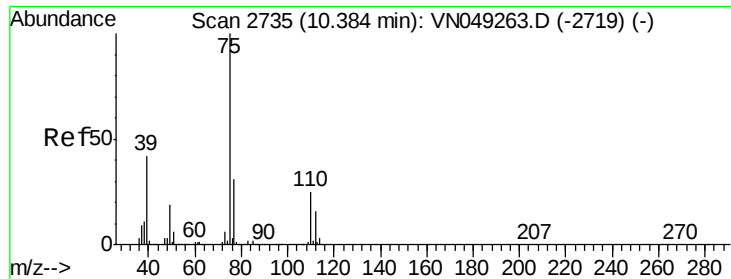
100000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 15.68 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

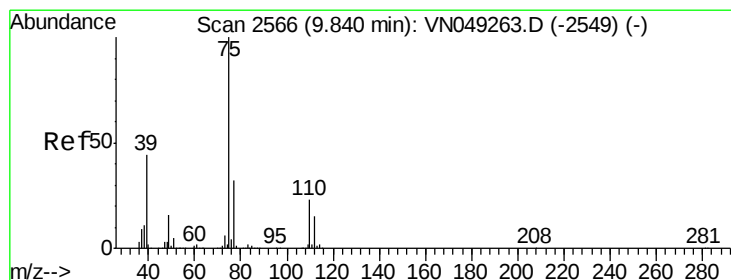
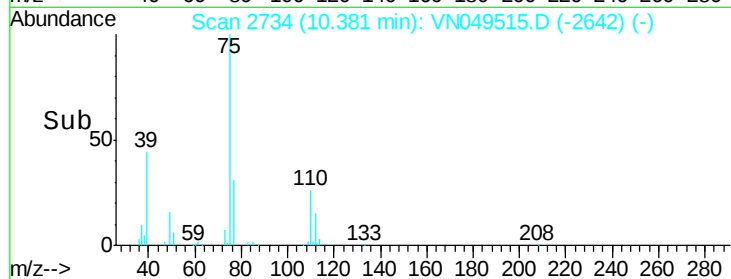
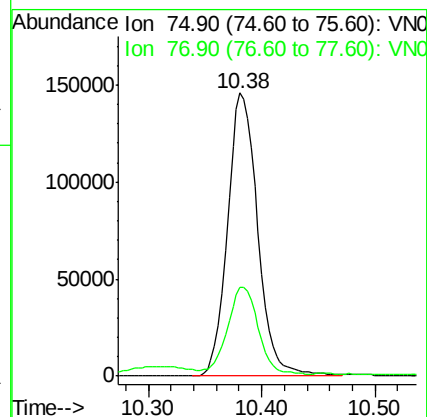
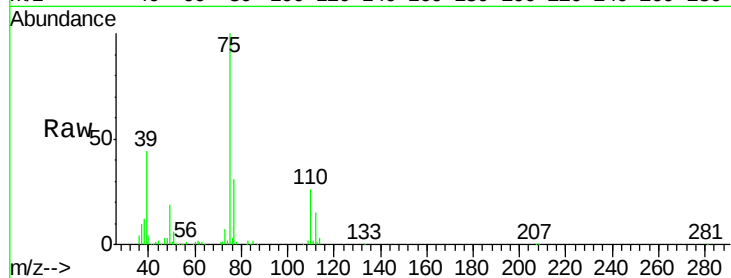
VN0625WBSD01

Tot Ion: 75 Resp: 269740

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 16.25 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

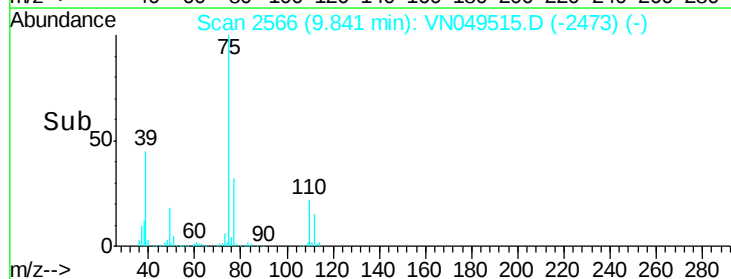
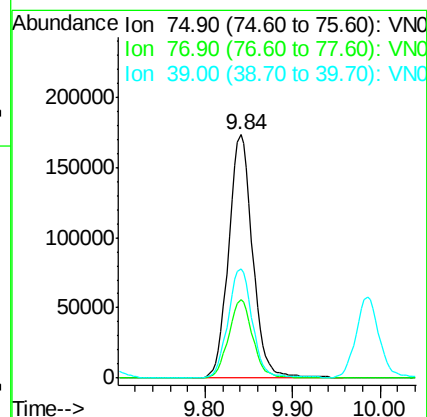
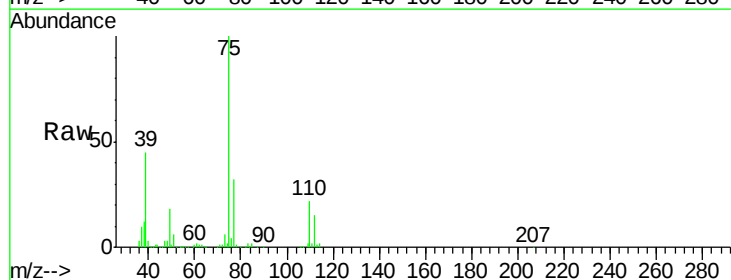
Tgt Ion: 75 Resp: 330004

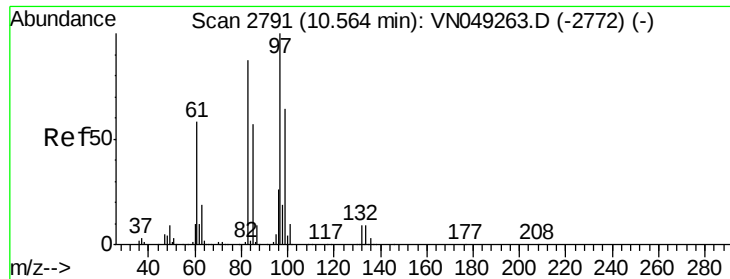
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 44.8 45.1 67.7#

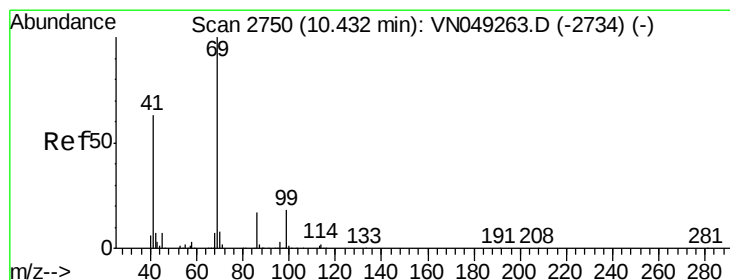
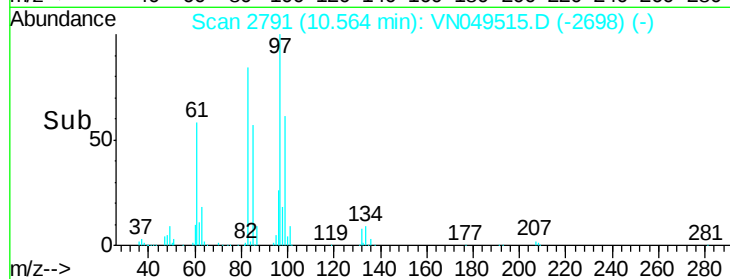
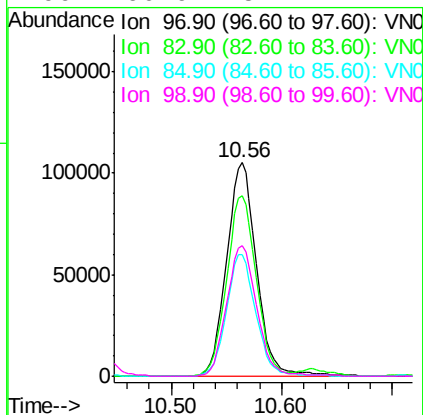
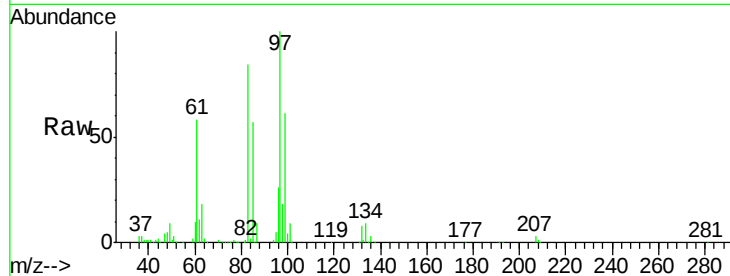




#55
 1,1,2-Trichloroethane
 Concen: 16.76 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

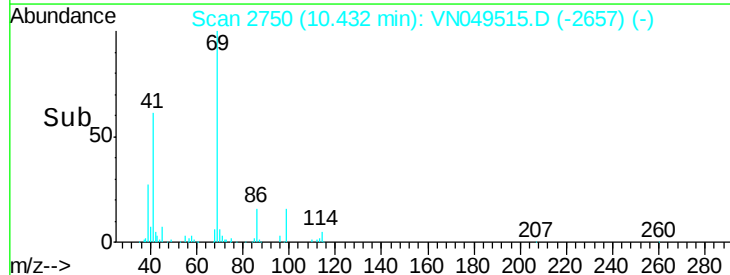
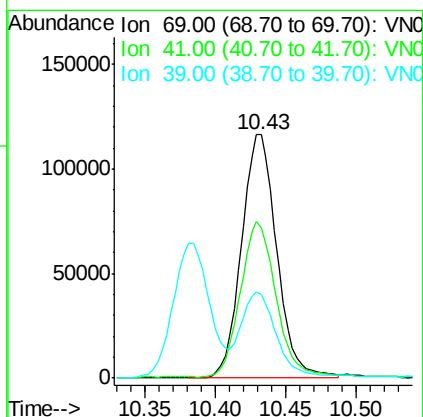
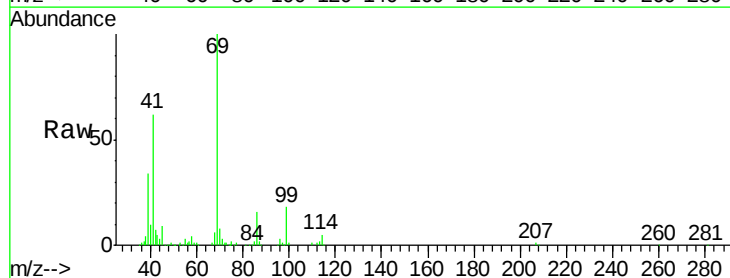
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

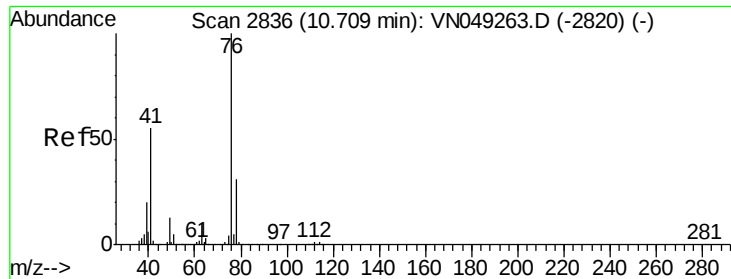
Tot Ion:	97	Resp:	197604
Ion	Ratio	Lower	Upper
97	100		
83	84.4	71.5	107.3
85	57.1	47.0	70.4
99	60.9	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 15.01 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion:	69	Resp:	204175
Ion	Ratio	Lower	Upper
69	100		
41	64.5	58.4	87.6
39	35.3	35.5	53.3#

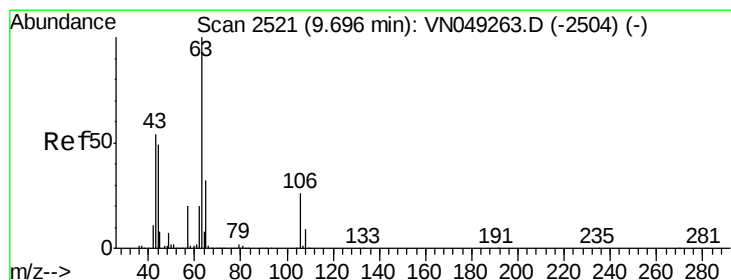
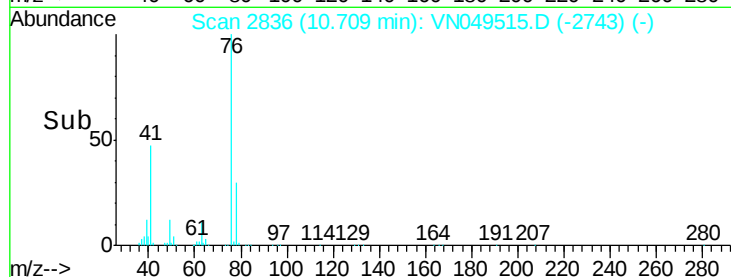
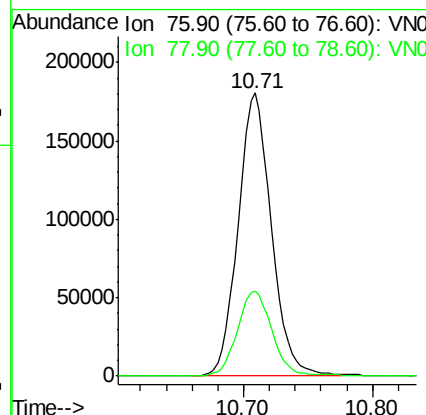
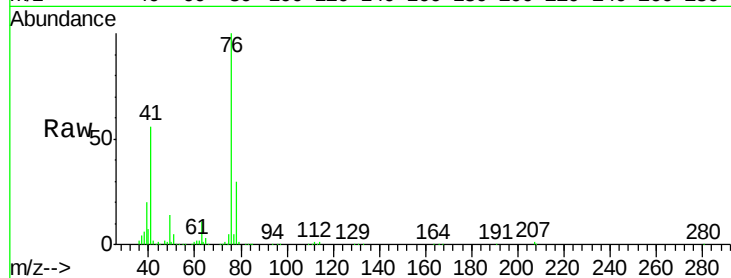




#57
 1,3-Dichloropropane
 Concen: 16.57 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

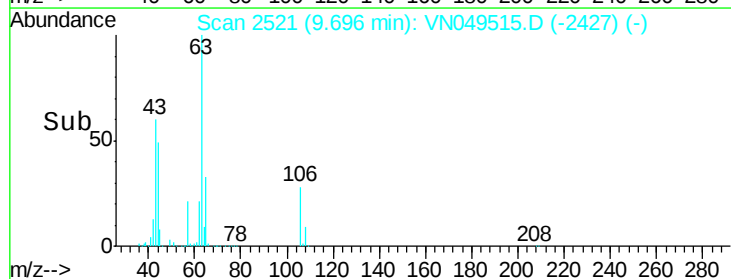
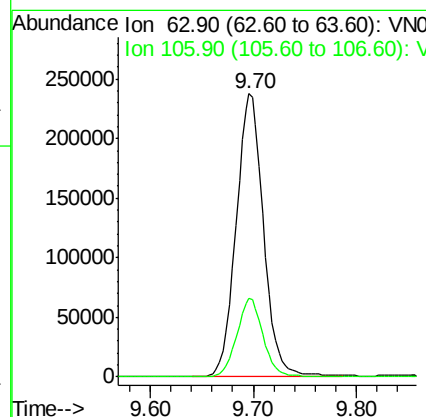
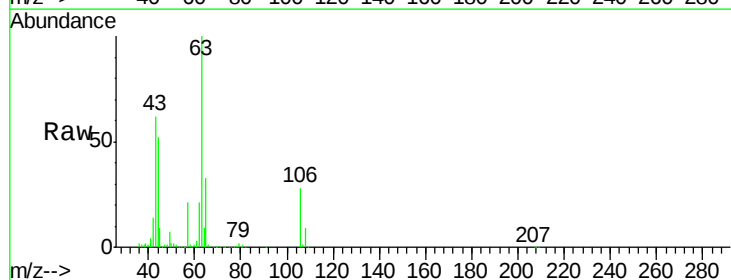
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

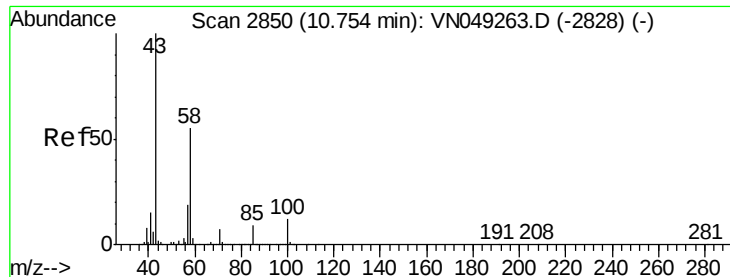
Tot Ion: 76 Resp: 323597
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.55 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion: 63 Resp: 439651
 Ion Ratio Lower Upper
 63 100
 106 26.4 19.4 29.2

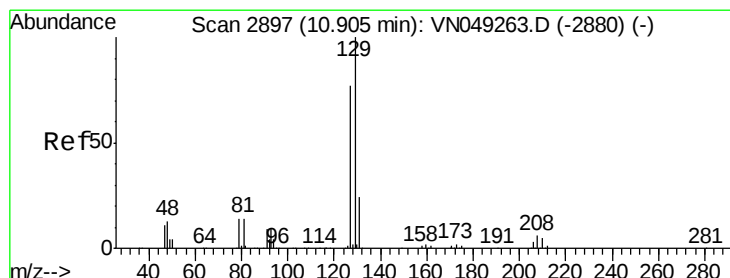
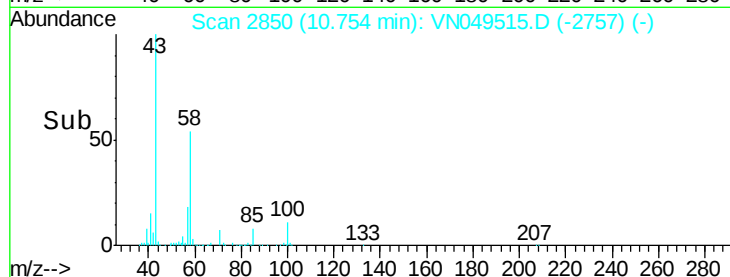
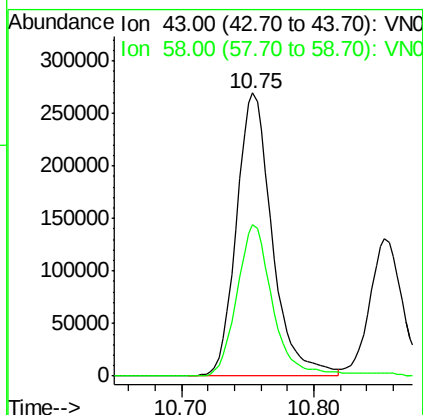
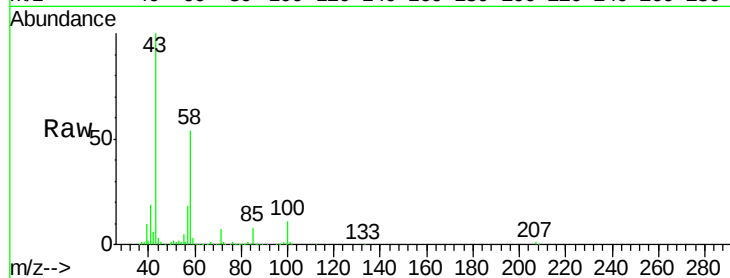




#59
2-Hexanone
Concen: 81.25 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

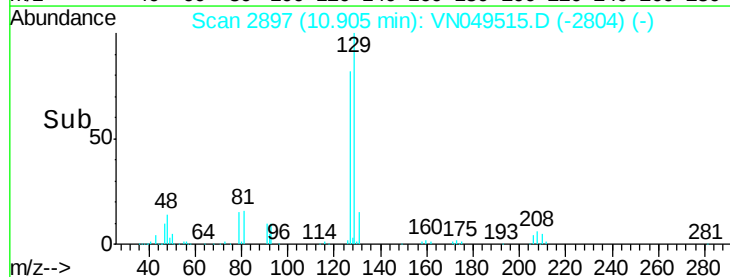
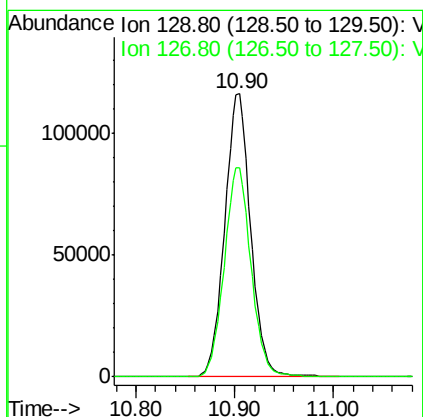
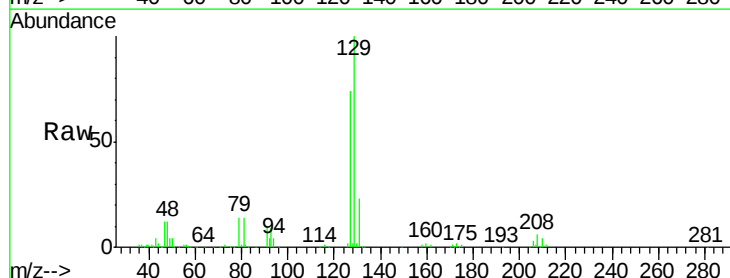
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

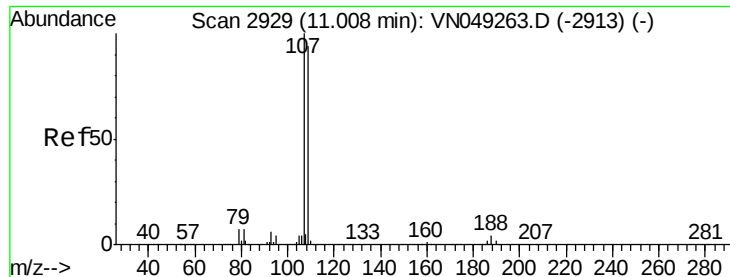
Tot Ion: 43 Resp: 501235
Ion Ratio Lower Upper
43 100
58 53.7 25.2 75.6



#60
Dibromochloromethane
Concen: 16.29 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 129 Resp: 214403
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.67 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

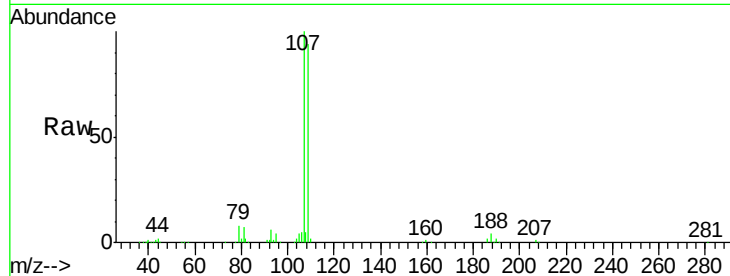
VN0625WBSD01

Tot Ion: 107 Resp: 182725

Ion Ratio Lower Upper

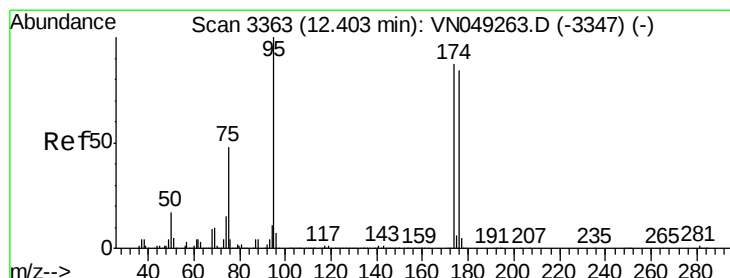
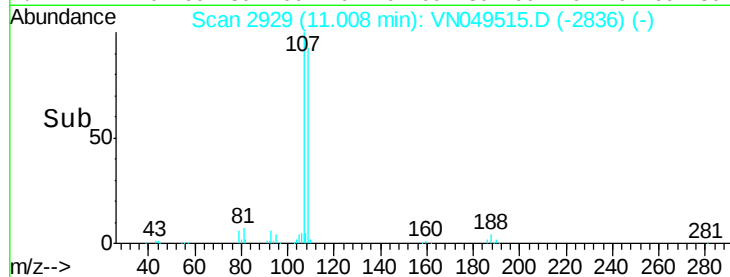
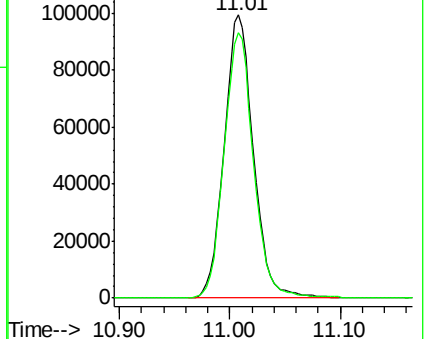
107 100

109 94.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 30.70 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

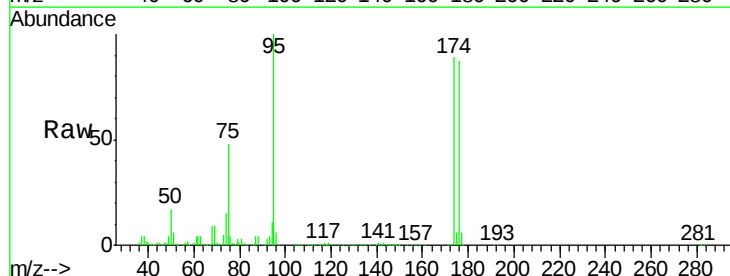
Tgt Ion: 95 Resp: 479657

Ion Ratio Lower Upper

95 100

174 90.0 0.0 165.6

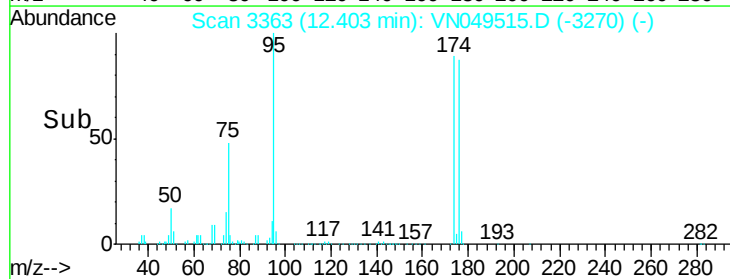
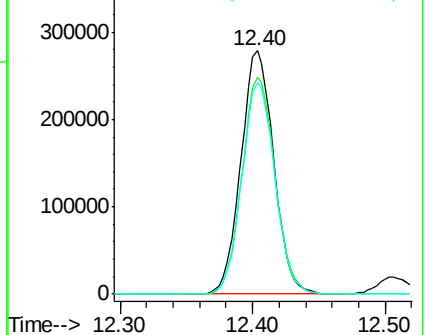
176 87.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

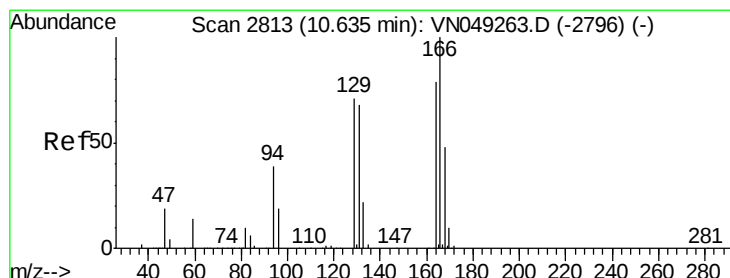
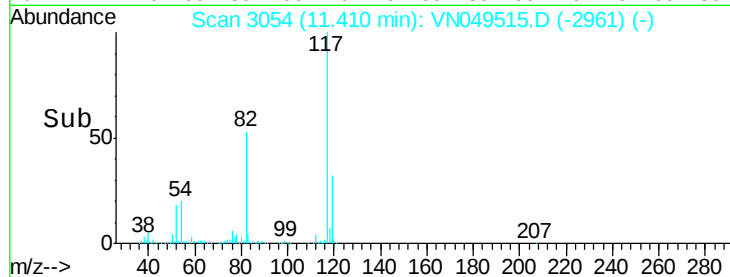
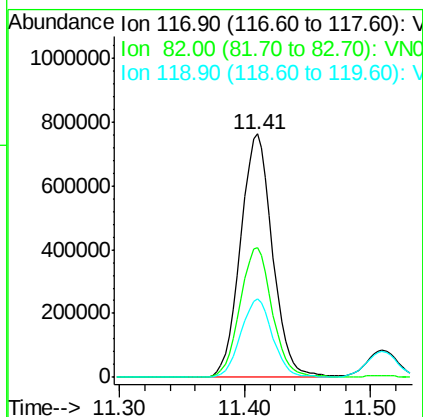
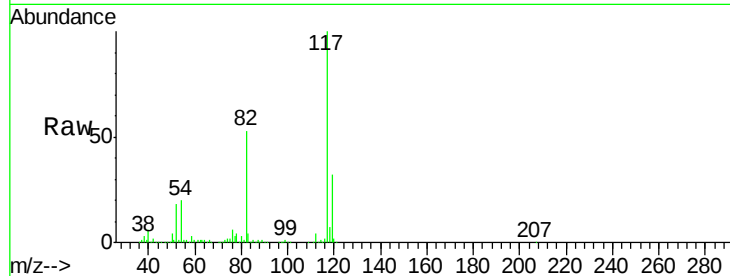




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

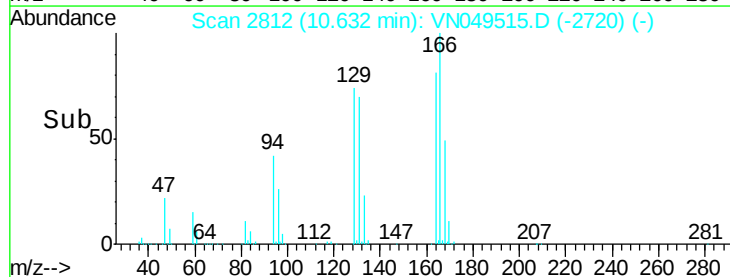
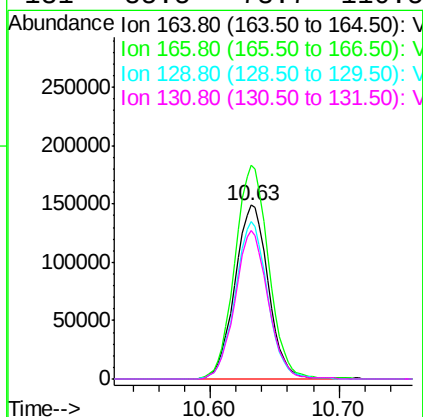
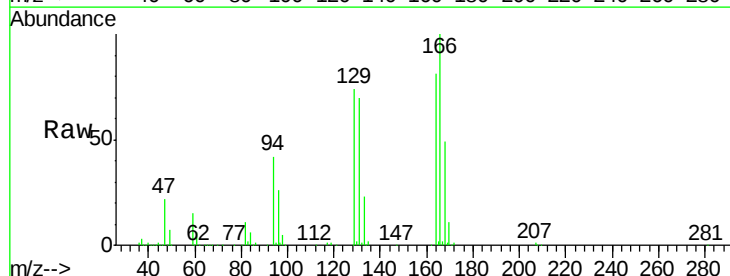
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

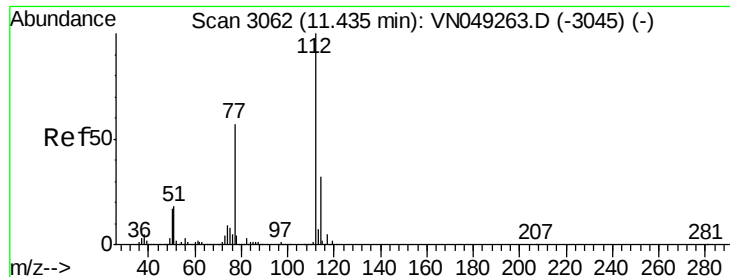
Tot Ion:117 Resp: 1357211
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 19.32 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion:164 Resp: 268641
Ion Ratio Lower Upper
164 100
166 122.7 101.4 152.2
129 90.7 74.1 111.1
131 85.5 73.7 110.5





#65

Chlorobenzene

Concen: 16.64 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

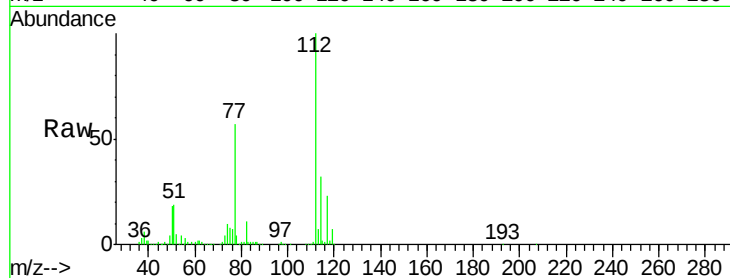
VN0625WBSD01

Tot Ion:112 Resp: 581879

Ion Ratio Lower Upper

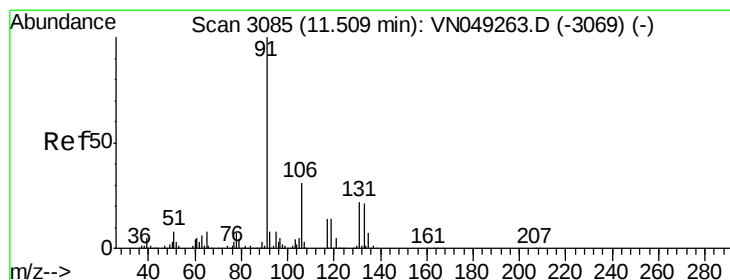
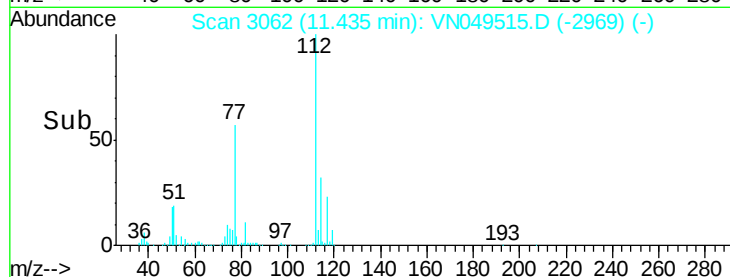
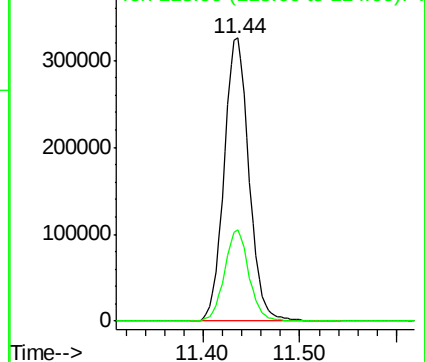
112 100

114 32.2 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.60 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

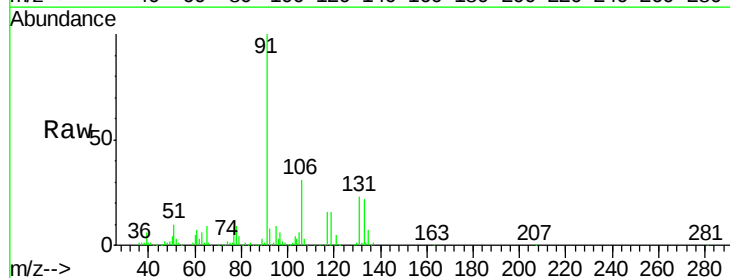
Tgt Ion:131 Resp: 218396

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.2

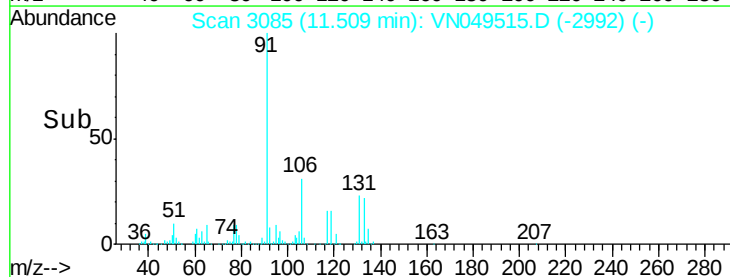
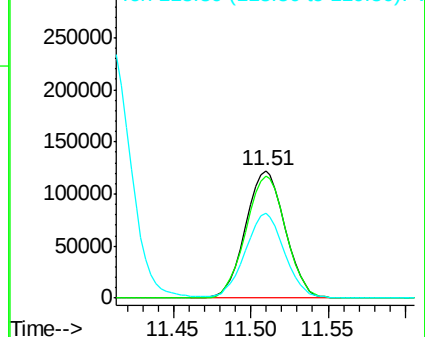
119 66.3 33.6 100.8

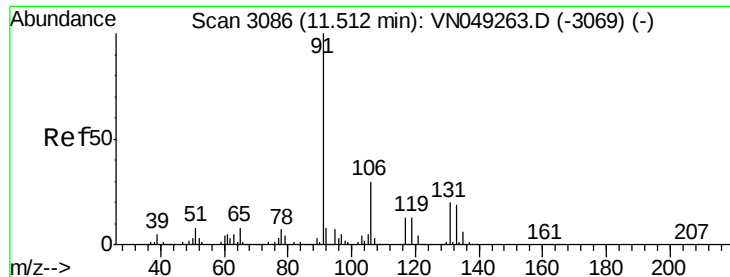


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

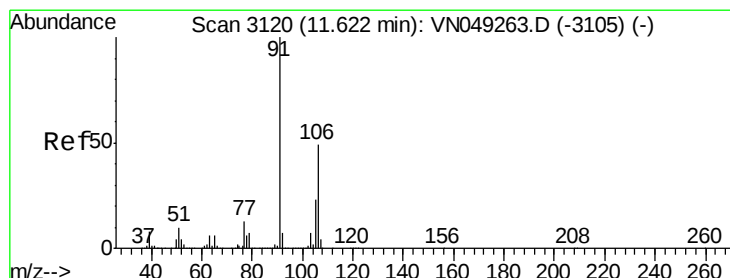
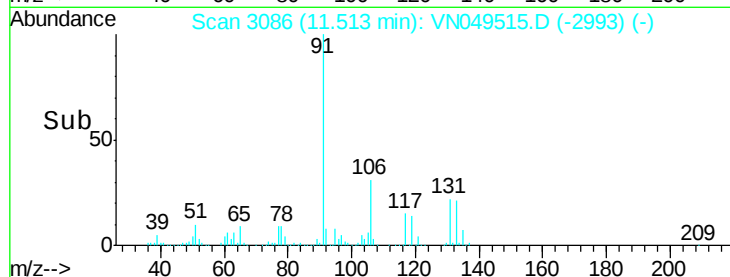
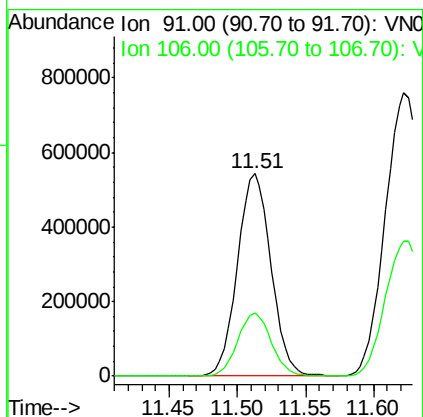
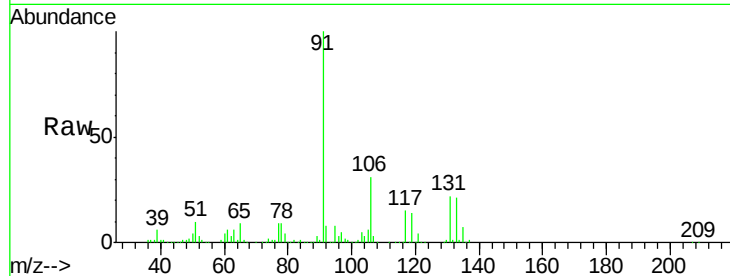




#67
Ethyl Benzene
Concen: 16.04 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

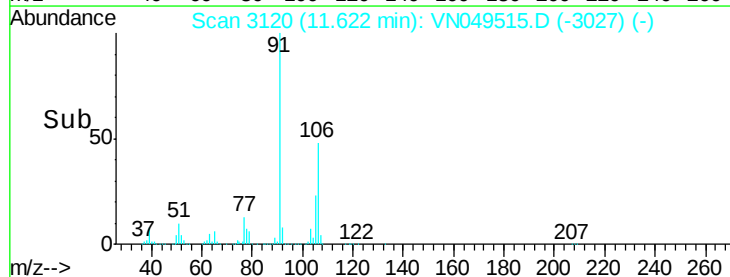
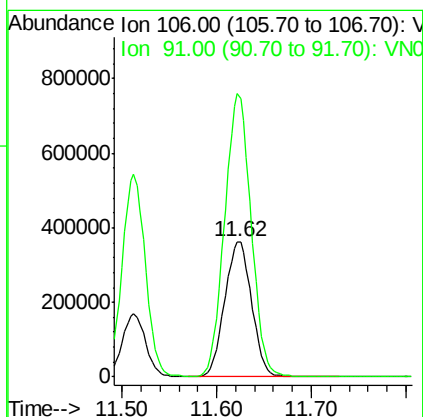
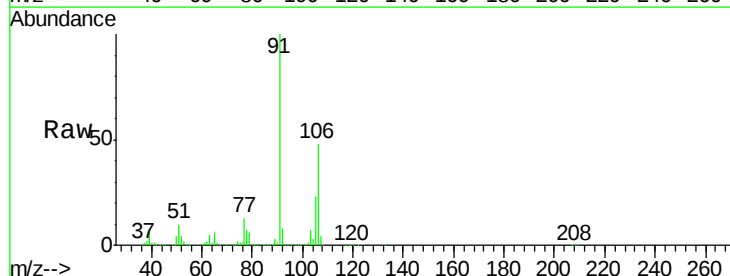
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

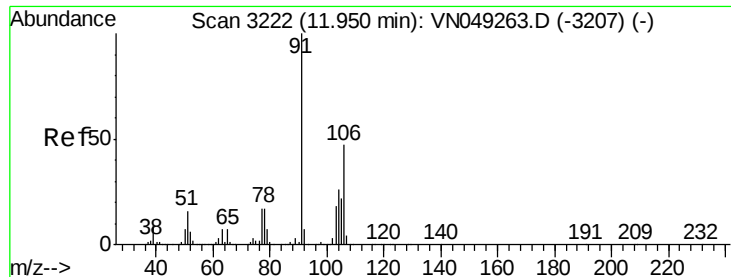
Tot Ion: 91 Resp: 930250
Ion Ratio Lower Upper
91 100
106 31.1 23.9 35.9



#68
m/p-Xylenes
Concen: 32.96 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 106 Resp: 717238
Ion Ratio Lower Upper
106 100
91 205.9 167.3 250.9

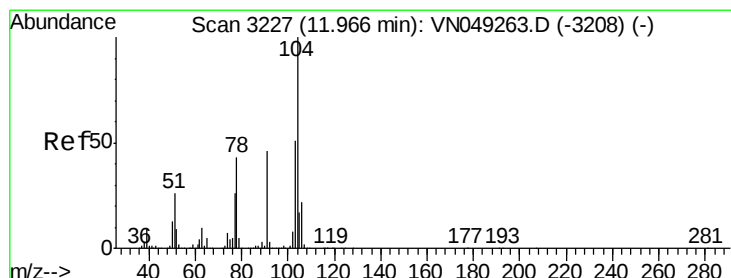
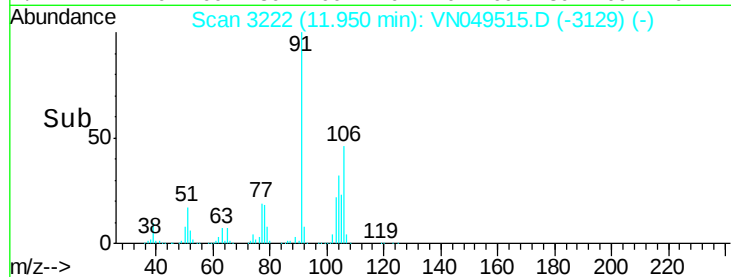
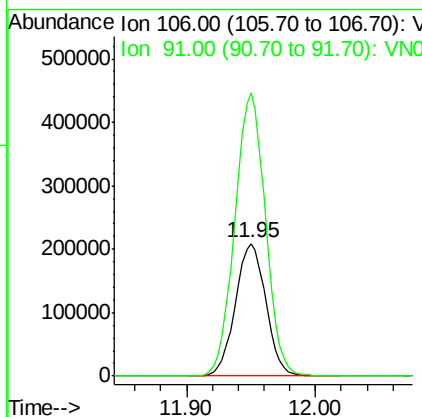
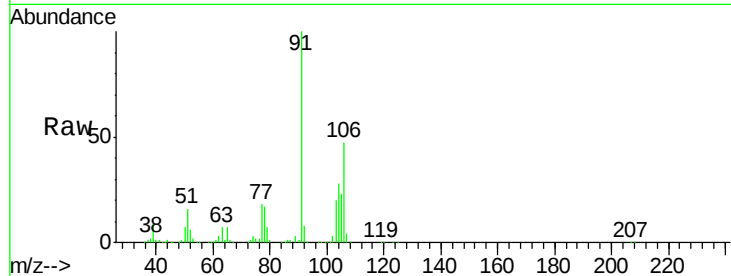




#69
o-Xylene
Concen: 16.43 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

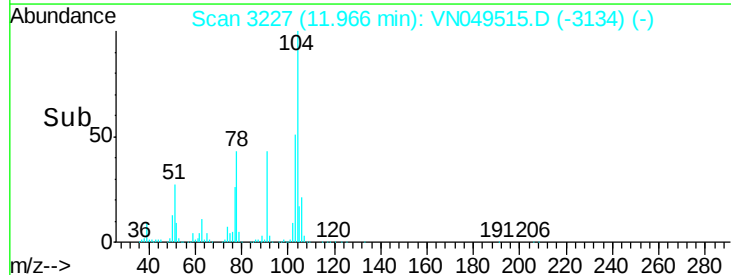
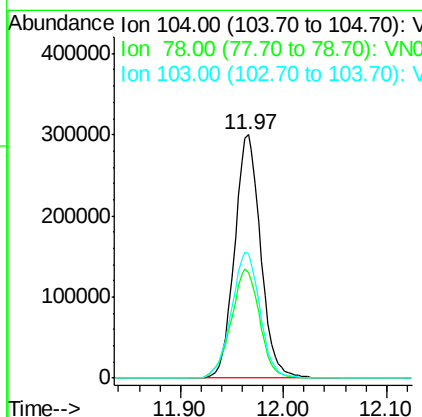
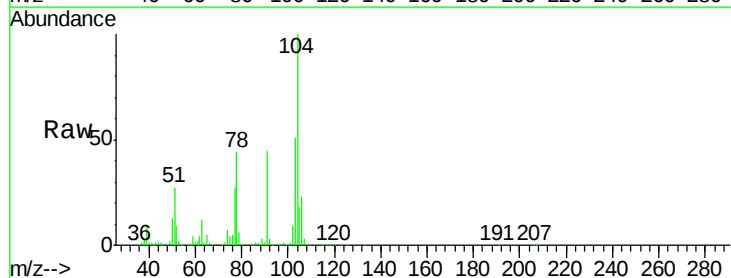
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion:106 Resp: 344511
Ion Ratio Lower Upper
106 100
91 214.2 111.0 333.0



#70
Styrene
Concen: 15.98 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion:104 Resp: 528626
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 56.8 45.4 68.2





#71

Bromoform

Concen: 16.58 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

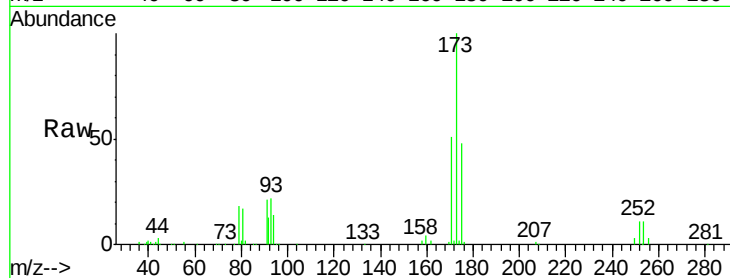
Tot Ion:173 Resp: 141217

Ion Ratio Lower Upper

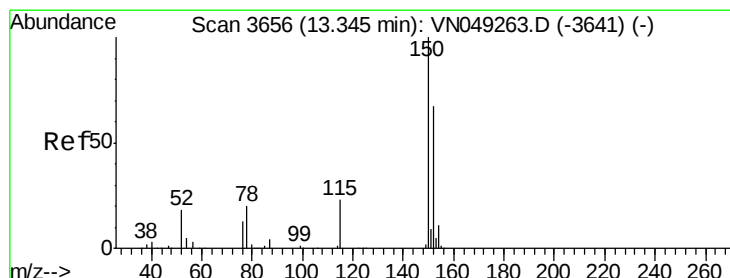
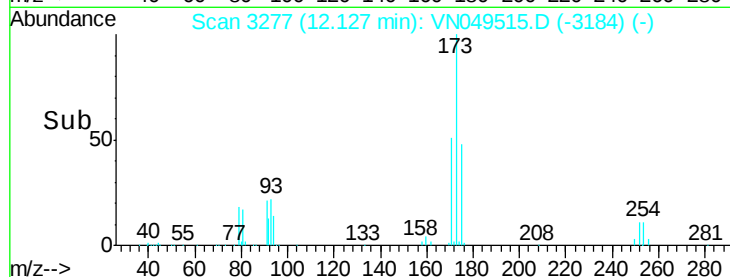
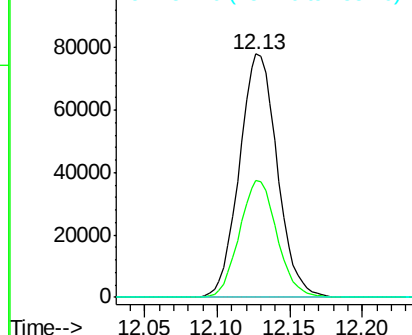
173 100

175 47.8 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

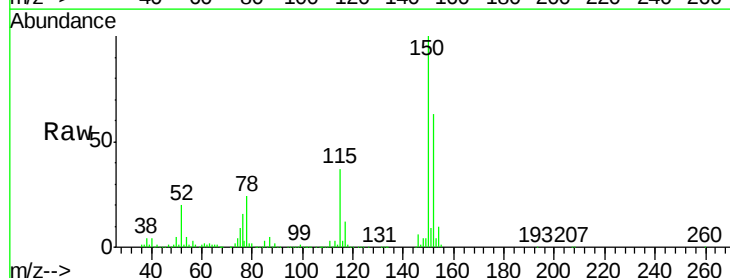
Tgt Ion:152 Resp: 598978

Ion Ratio Lower Upper

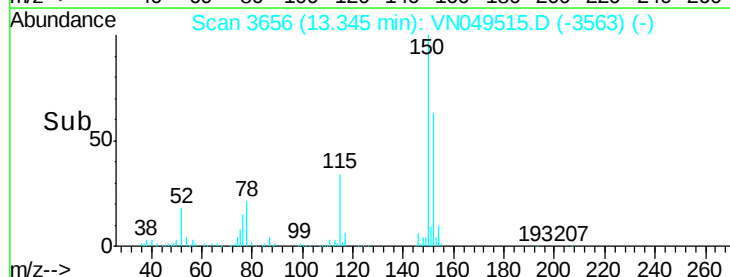
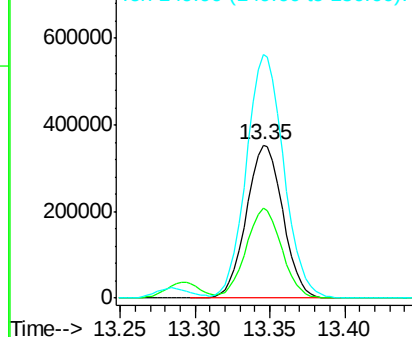
152 100

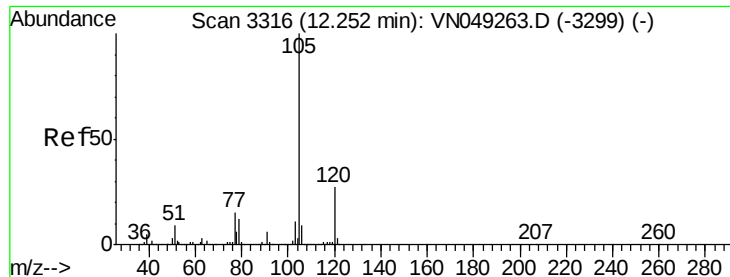
115 57.5 28.7 86.1

150 163.6 0.0 351.0



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





#73

Isopropylbenzene

Concen: 17.31 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

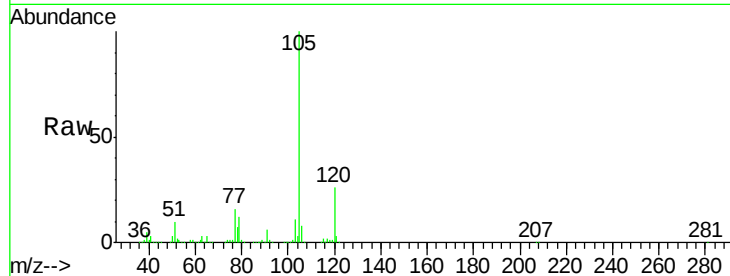
VN0625WBSD01

Tot Ion:105 Resp: 910420

Ion Ratio Lower Upper

105 100

120 26.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

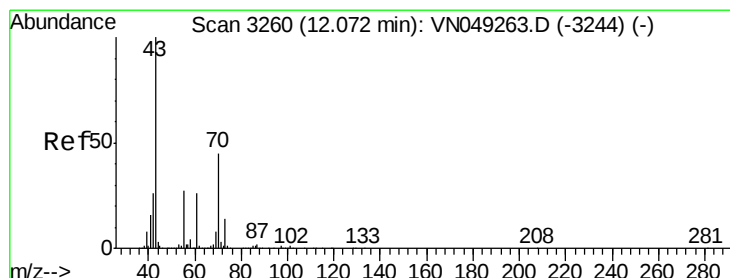
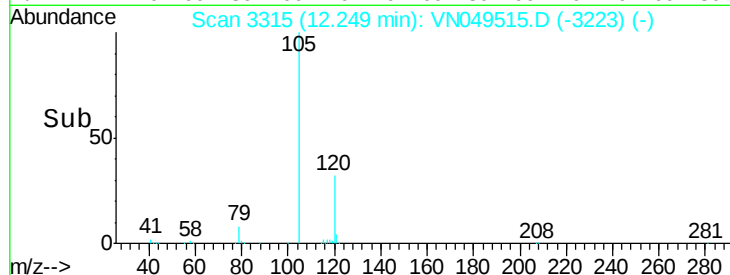
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 15.43 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Tgt Ion: 43 Resp: 198778

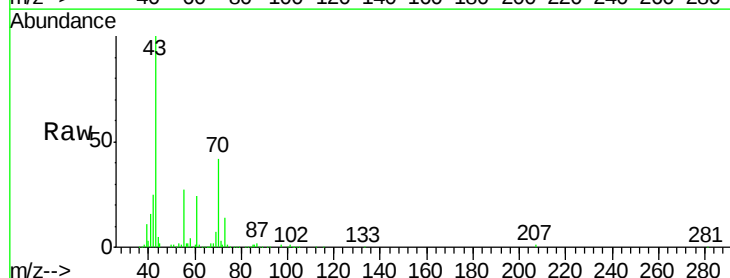
Ion Ratio Lower Upper

43 100

70 42.4 30.3 45.5

55 27.1 19.4 29.2

61 23.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

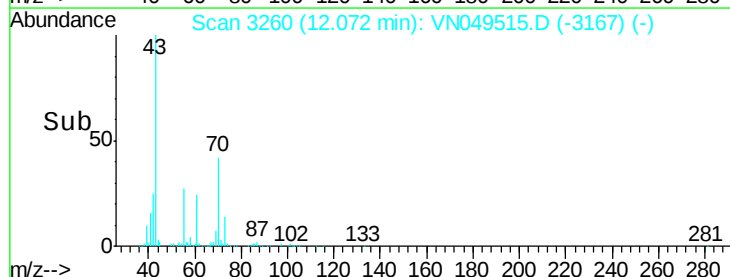
150000

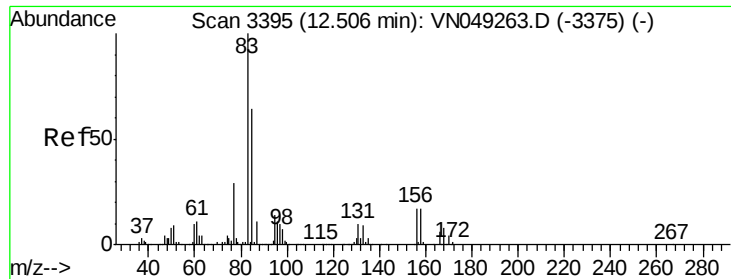
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.45 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

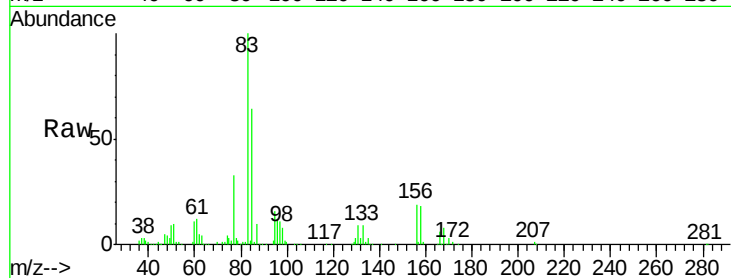
Tot Ion: 83 Resp: 204605

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

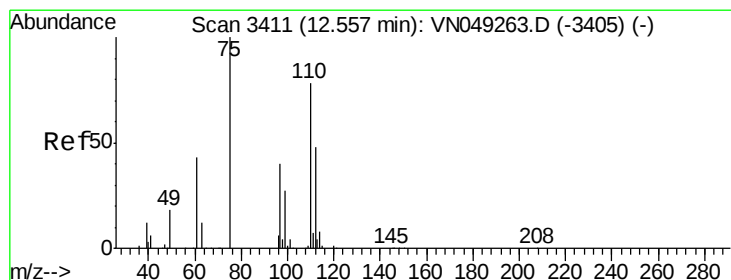
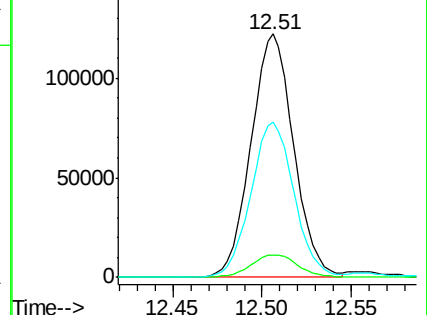
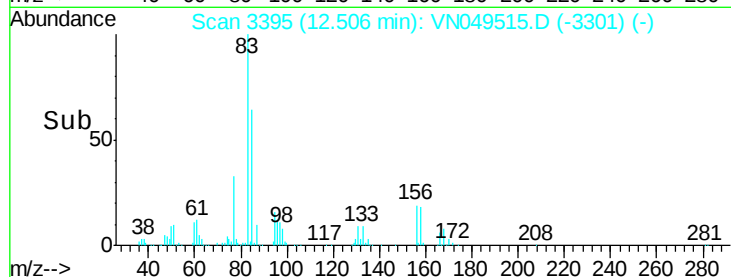
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.63 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049515.D

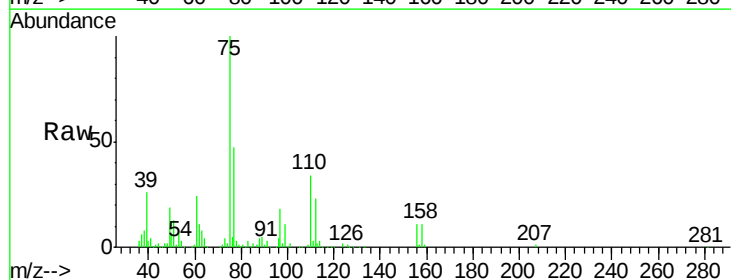
Acq: 25 Jun 2018 16:55

Tgt Ion: 75 Resp: 261978

Ion Ratio Lower Upper

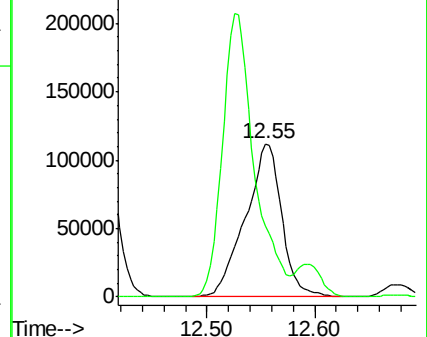
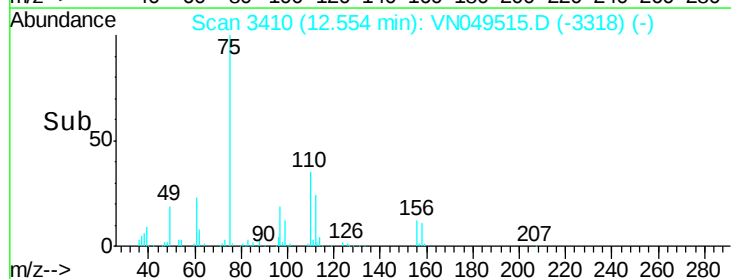
75 100

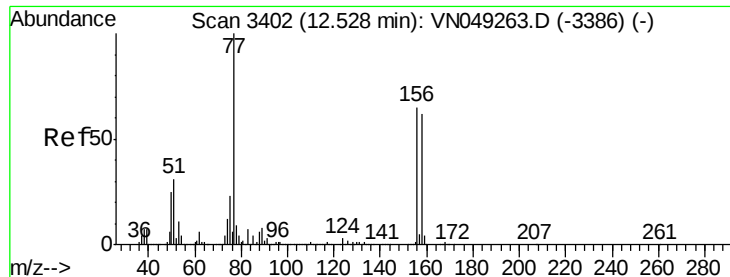
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 16.97 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

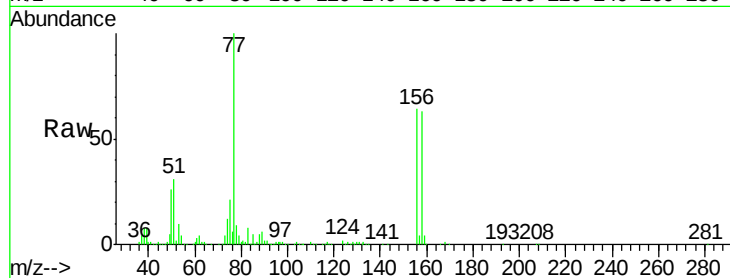
Tot Ion:156 Resp: 235721

Ion Ratio Lower Upper

156 100

77 180.1 100.8 302.4

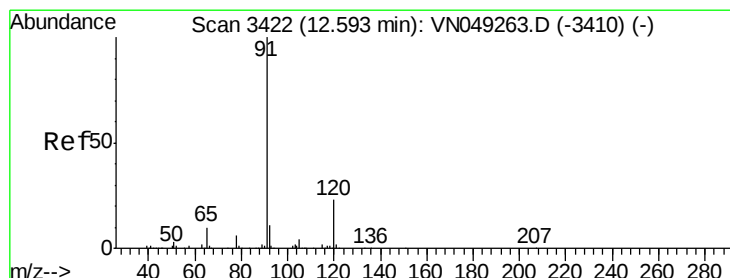
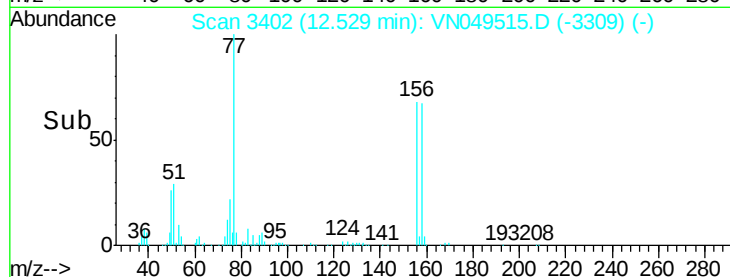
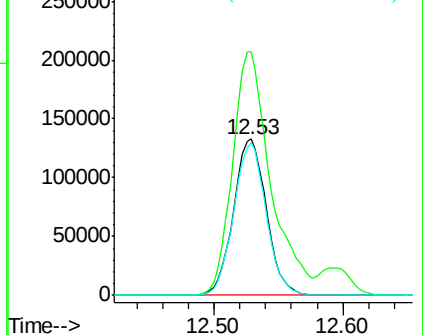
158 96.4 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.35 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049515.D

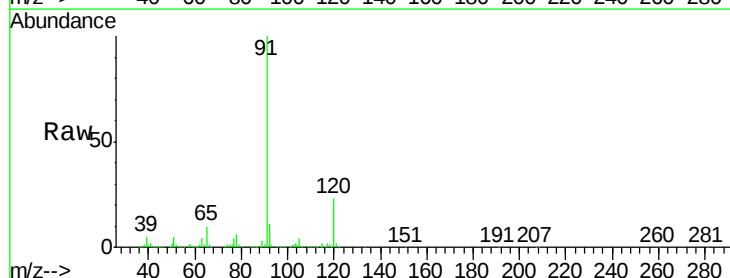
Acq: 25 Jun 2018 16:55

Tgt Ion: 91 Resp: 1001926

Ion Ratio Lower Upper

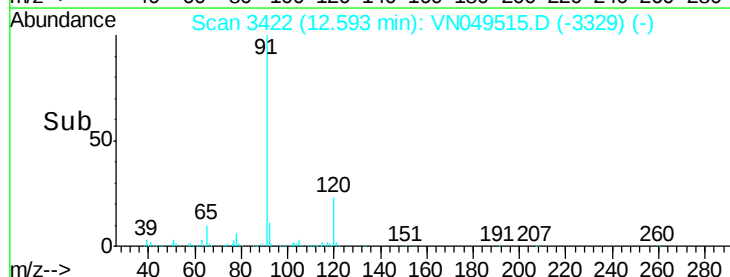
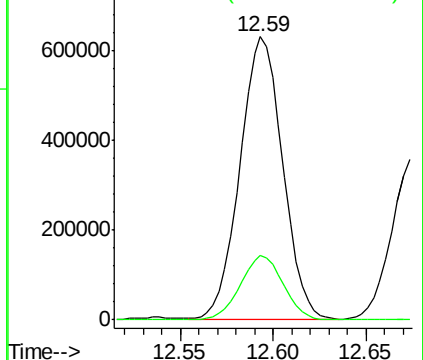
91 100

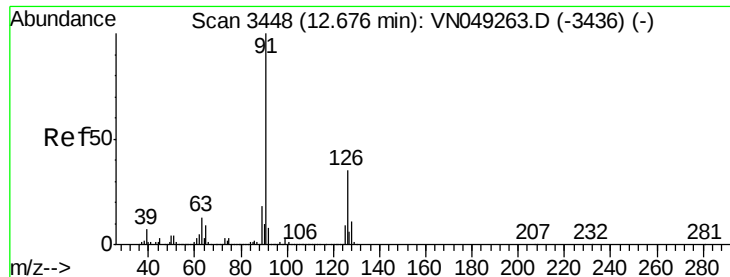
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.16 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

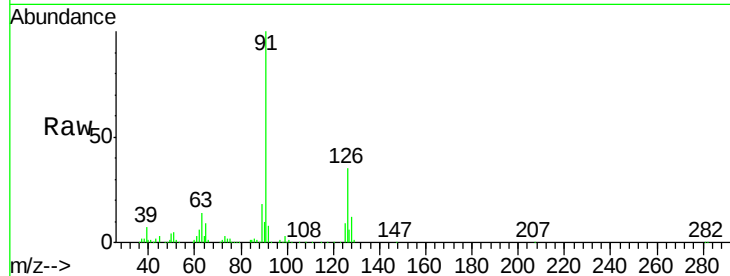
VN0625WBSD01

Tot Ion: 91 Resp: 627978

Ion Ratio Lower Upper

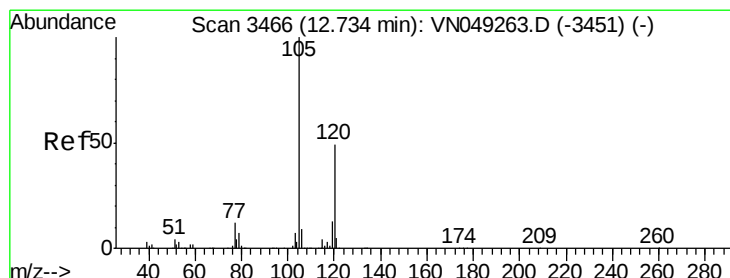
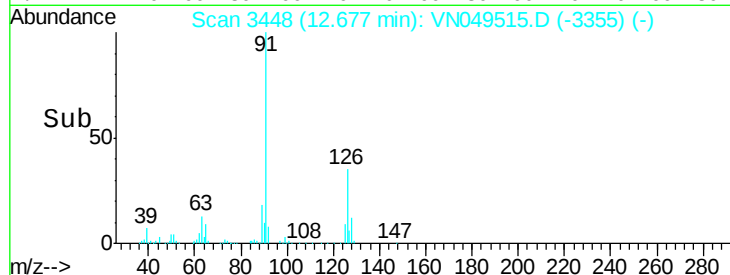
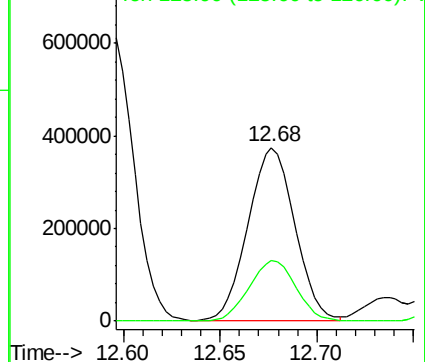
91 100

126 35.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.76 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049515.D

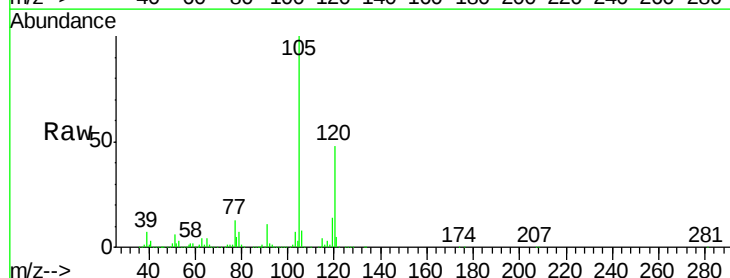
Acq: 25 Jun 2018 16:55

Tgt Ion:105 Resp: 734275

Ion Ratio Lower Upper

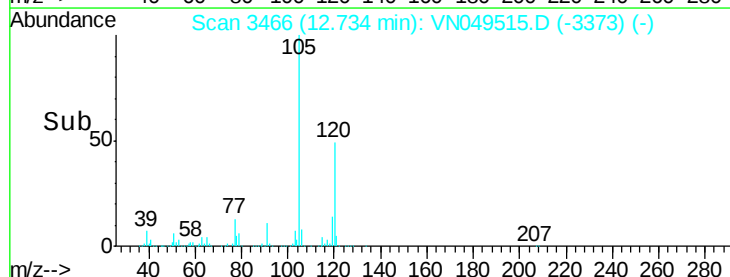
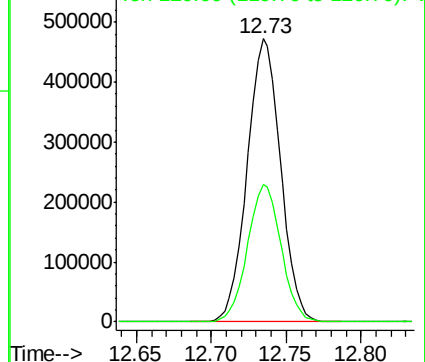
105 100

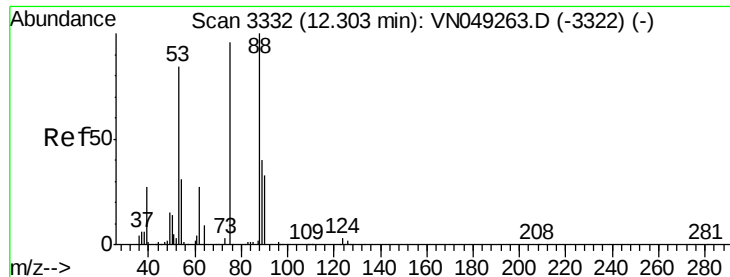
120 48.7 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.50 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

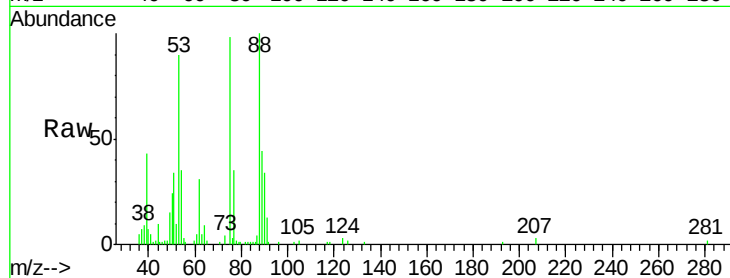
Tot Ion: 75 Resp: 53367

Ion Ratio Lower Upper

75 100

53 93.6 82.7 124.1

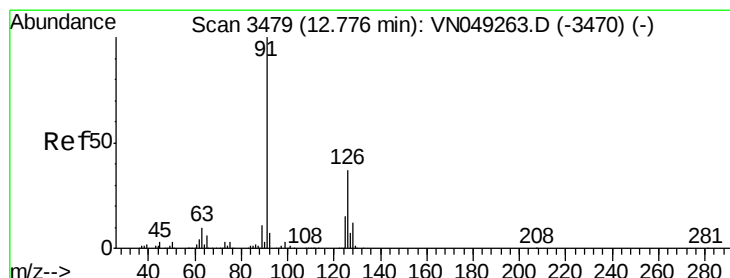
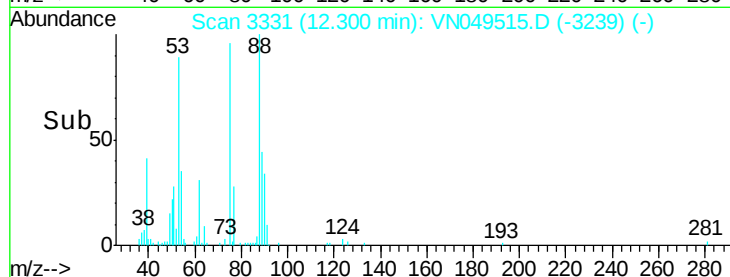
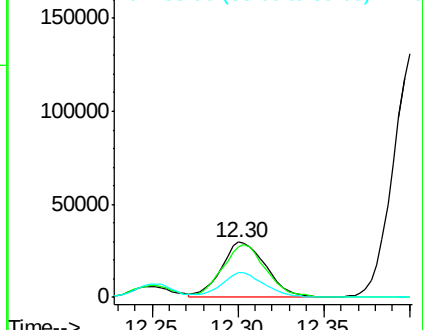
89 43.5 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 17.56 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049515.D

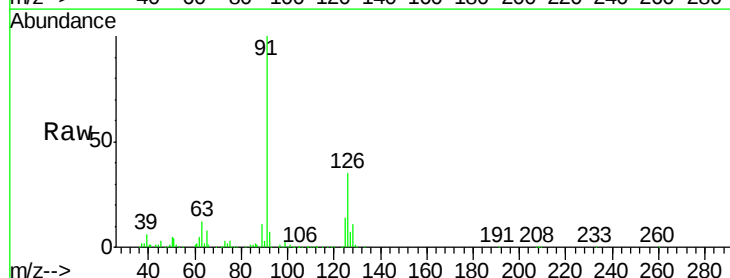
Acq: 25 Jun 2018 16:55

Tgt Ion: 91 Resp: 620011

Ion Ratio Lower Upper

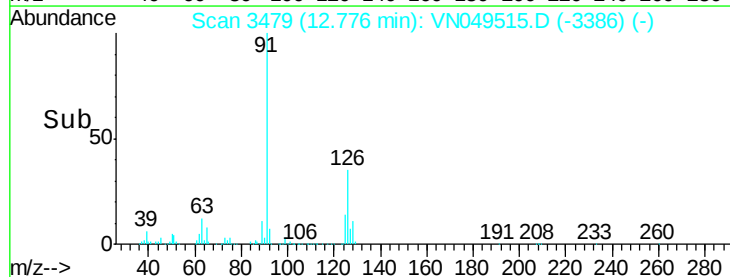
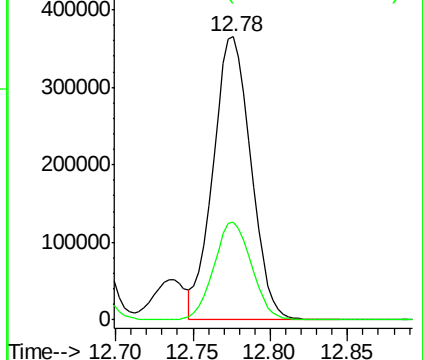
91 100

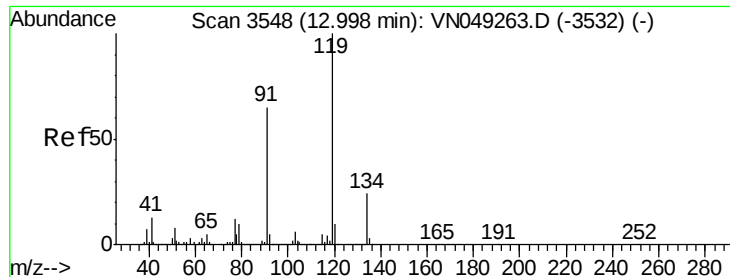
126 34.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 16.85 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

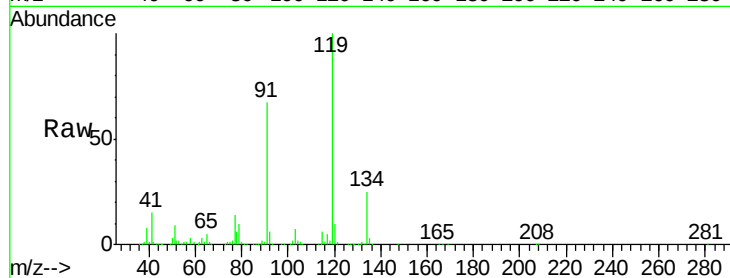
Tot Ion:119 Resp: 617055

Ion Ratio Lower Upper

119 100

91 65.7 33.7 101.0

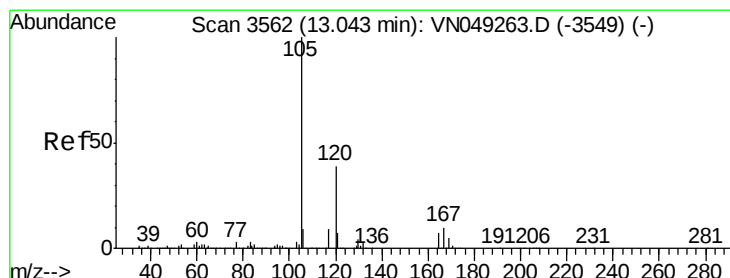
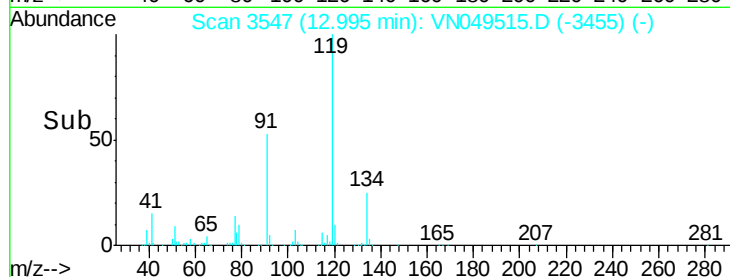
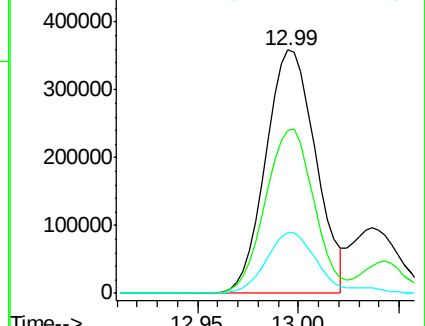
134 26.4 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.44 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049515.D

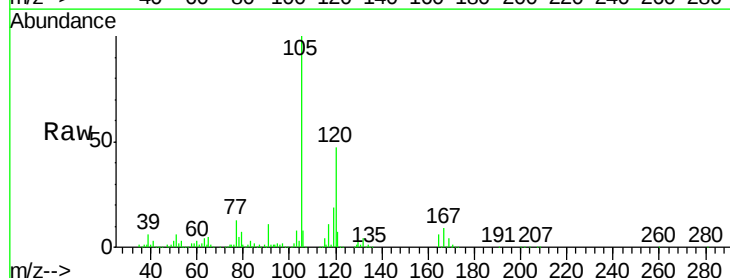
Acq: 25 Jun 2018 16:55

Tgt Ion:105 Resp: 716017

Ion Ratio Lower Upper

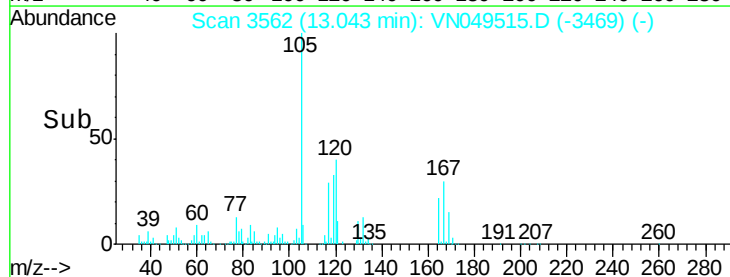
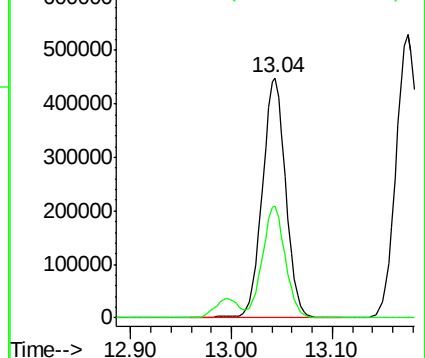
105 100

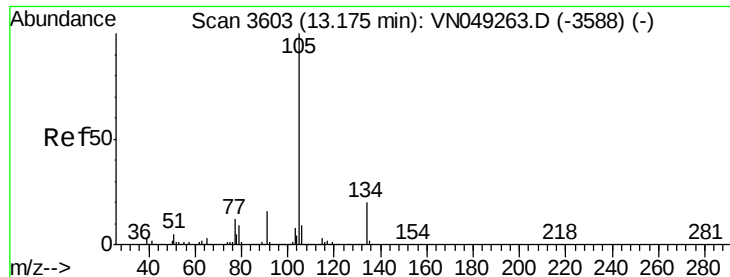
120 45.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.28 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

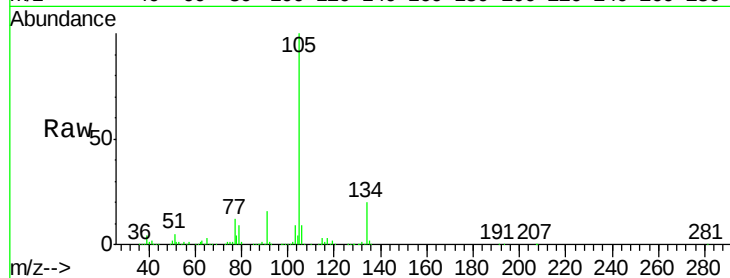
VN0625WBSD01

Tot Ion:105 Resp: 842250

Ion Ratio Lower Upper

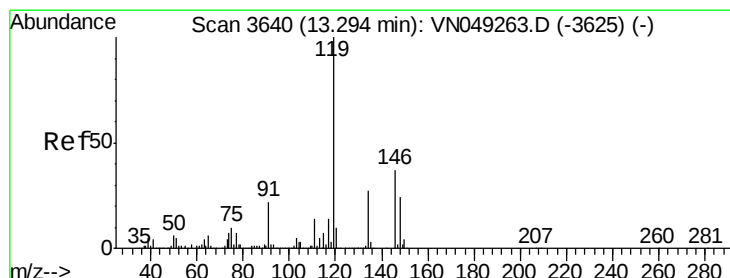
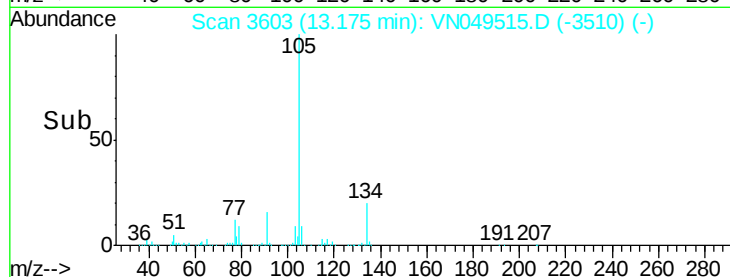
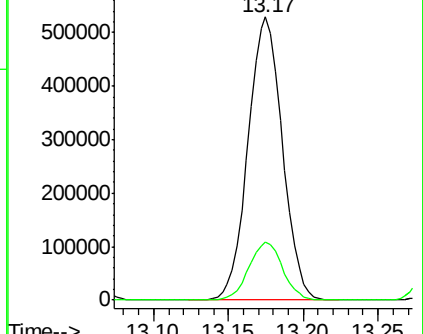
105 100

134 20.2 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.02 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

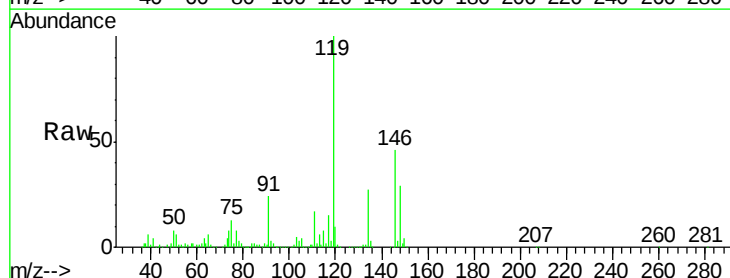
Tgt Ion:119 Resp: 693008

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

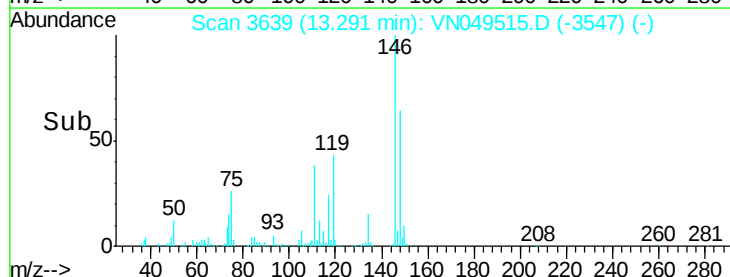
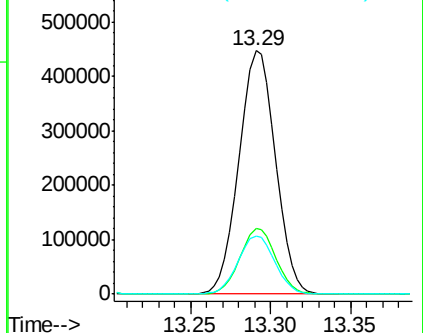
91 23.7 12.1 36.3



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

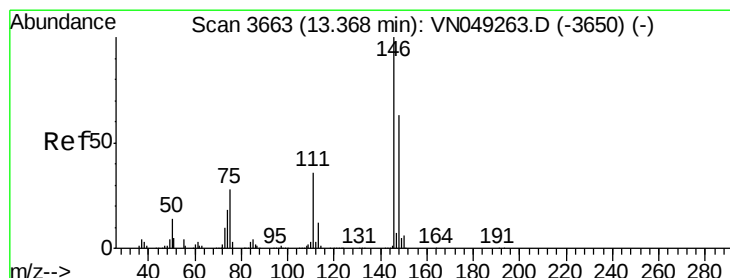
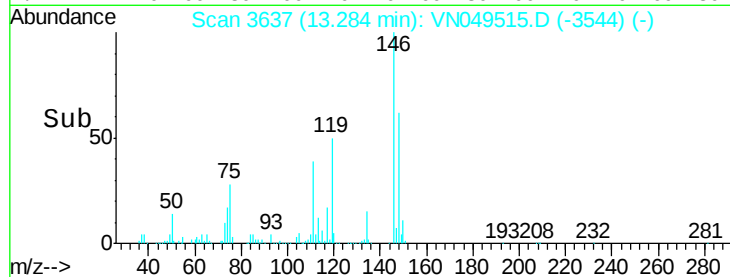
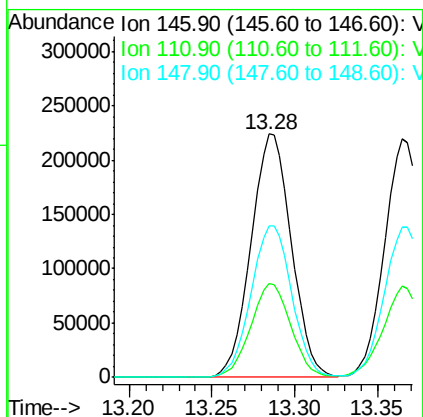
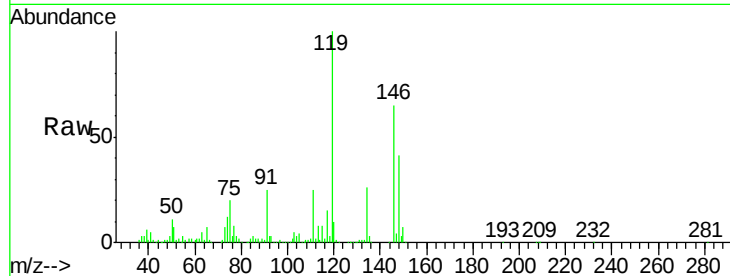




#87
 1,3-Dichlorobenzene
 Concen: 16.64 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

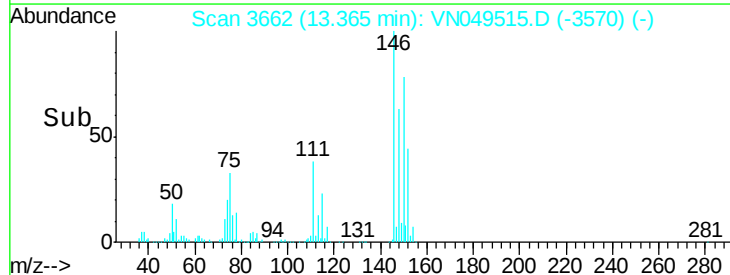
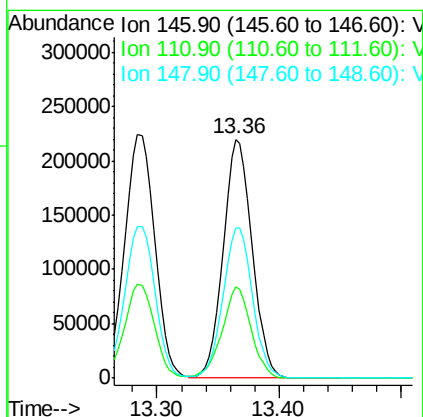
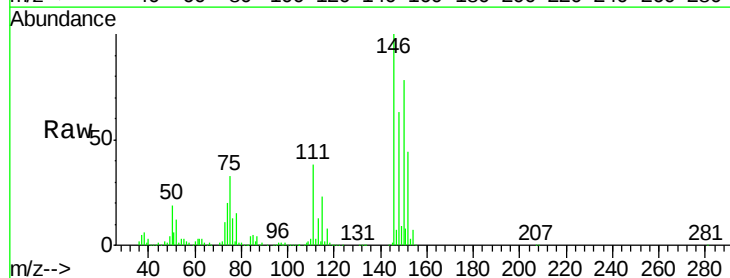
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

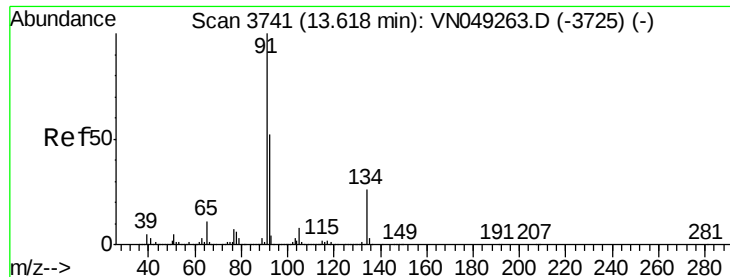
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.9	59.6
148	62.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 16.17 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	64.1	32.0	96.2

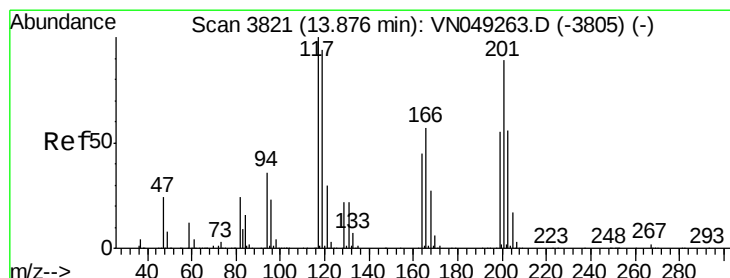
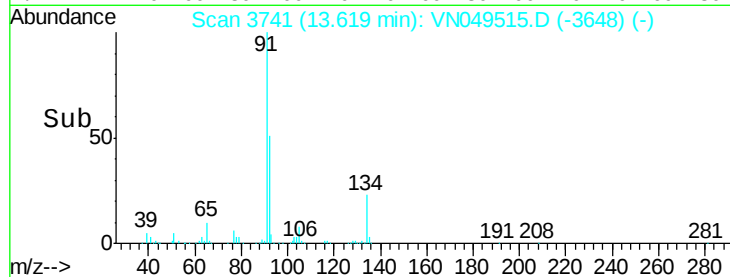
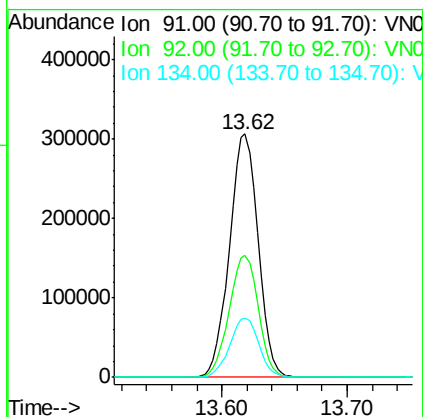
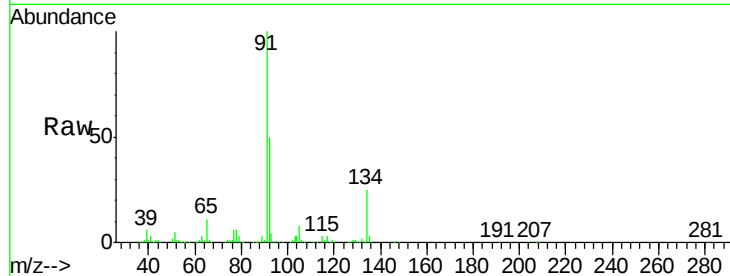




#89
n-Butylbenzene
Concen: 15.26 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

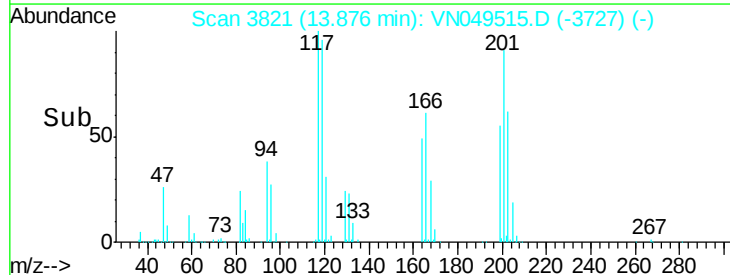
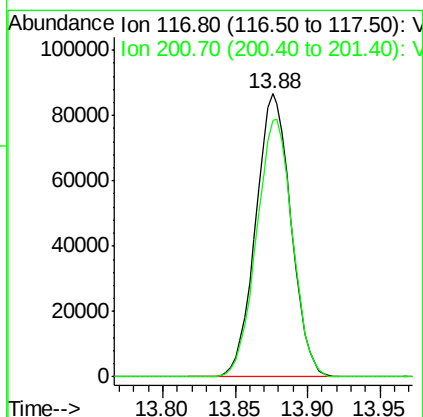
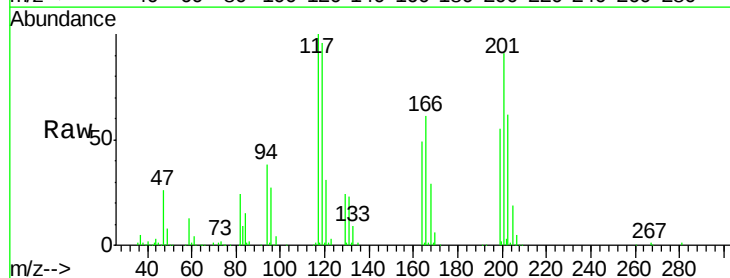
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion: 91 Resp: 485473
Ion Ratio Lower Upper
91 100
92 51.0 25.1 75.4
134 24.7 12.0 36.0



#90
Hexachloroethane
Concen: 18.00 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049515.D
Acq: 25 Jun 2018 16:55

Tgt Ion: 117 Resp: 147071
Ion Ratio Lower Upper
117 100
201 92.3 40.1 120.2

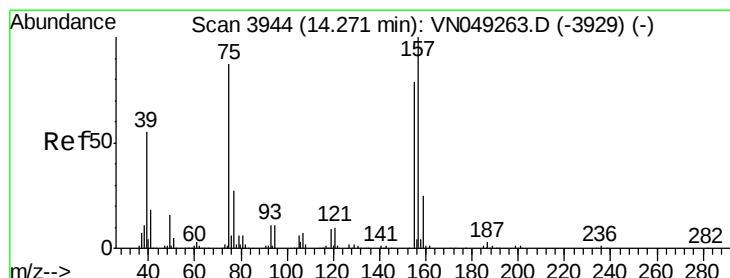
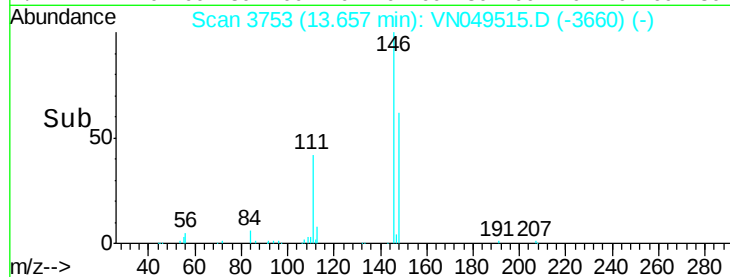
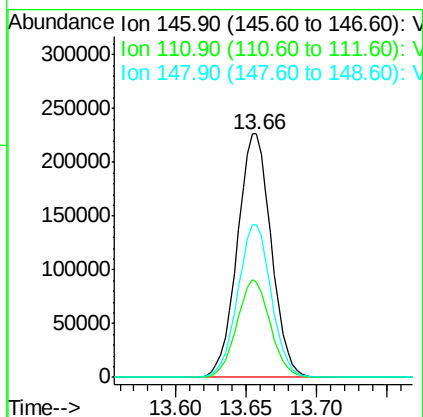
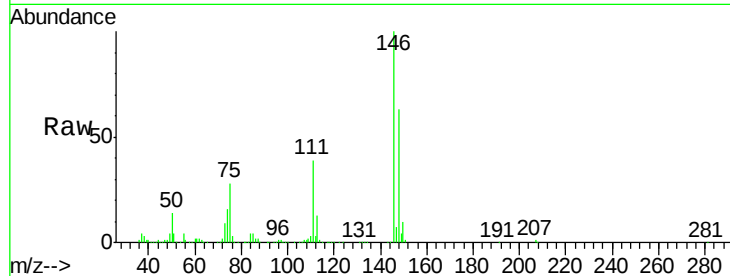




#91
 1,2-Dichlorobenzene
 Concen: 16.99 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

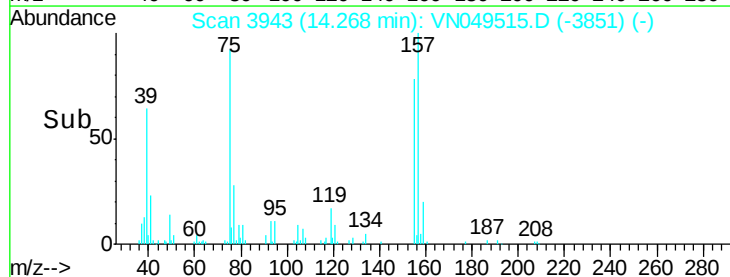
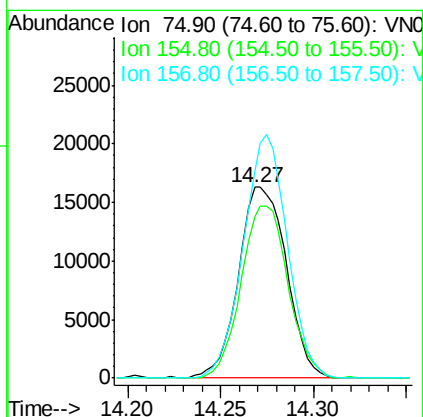
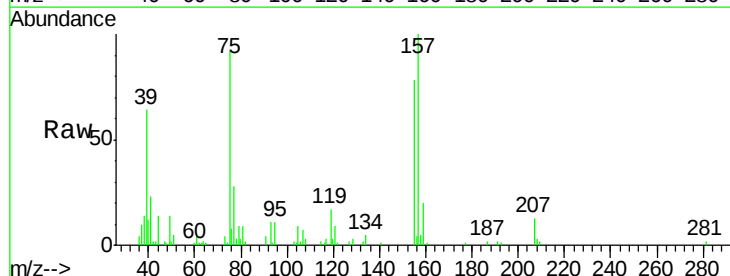
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

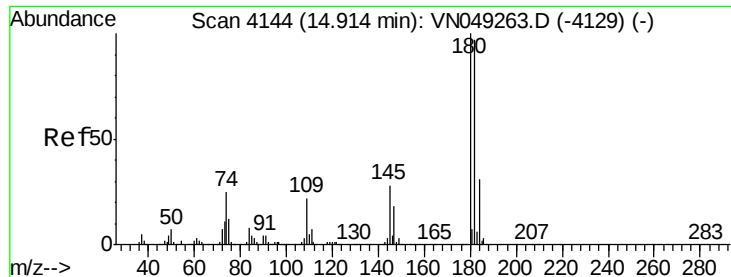
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.8	62.2
148	62.3	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.06 ug/l
 RT: 14.27 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	38.8	116.3
157	117.3	51.0	153.1

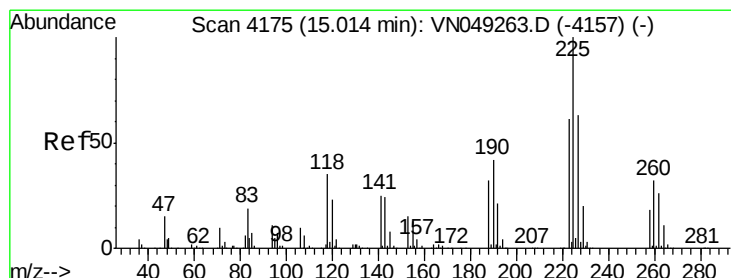
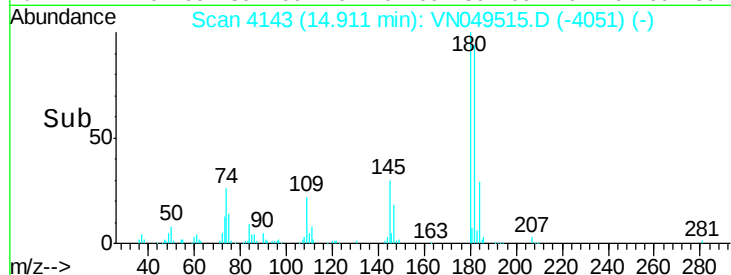
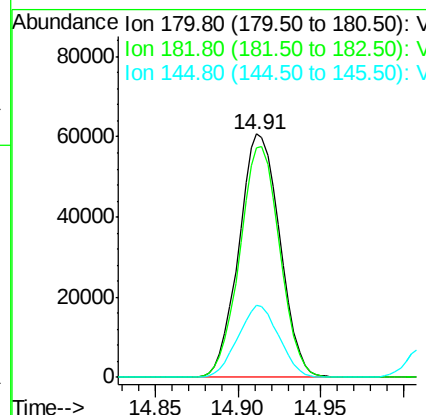
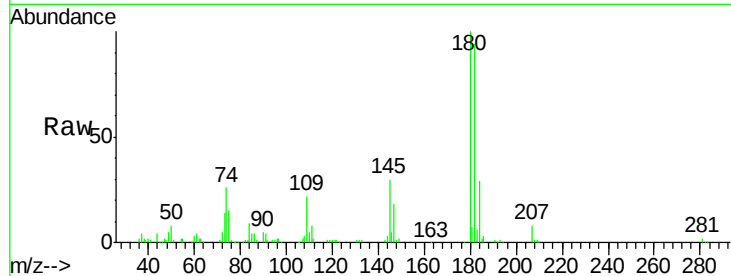




#93
 1,2,4-Trichlorobenzene
 Concen: 13.91 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

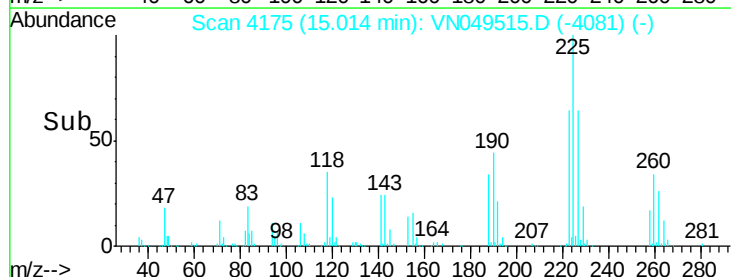
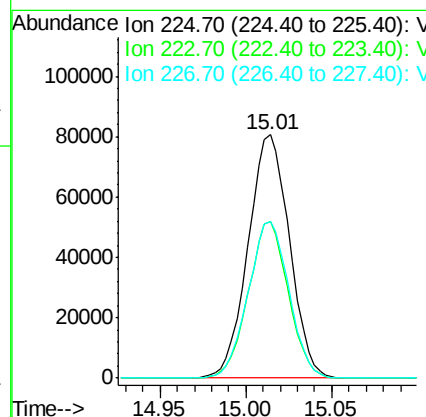
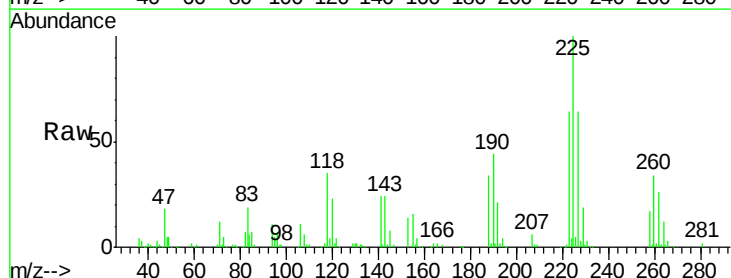
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

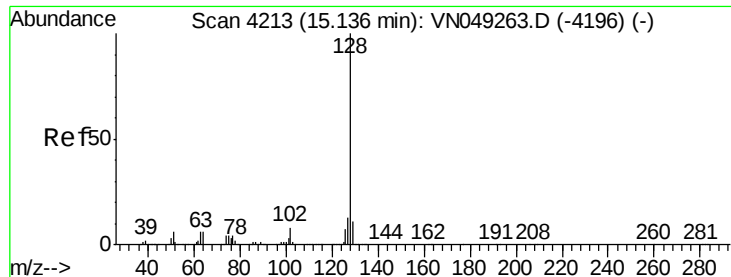
Tot Ion:180 Resp: 104082
 Ion Ratio Lower Upper
 180 100
 182 92.7 46.9 140.8
 145 29.6 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 18.79 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049515.D
 Acq: 25 Jun 2018 16:55

Tgt Ion:225 Resp: 134309
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.1 96.3
 227 63.5 31.8 95.3





#95

Naphthalene

Concen: 13.85 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

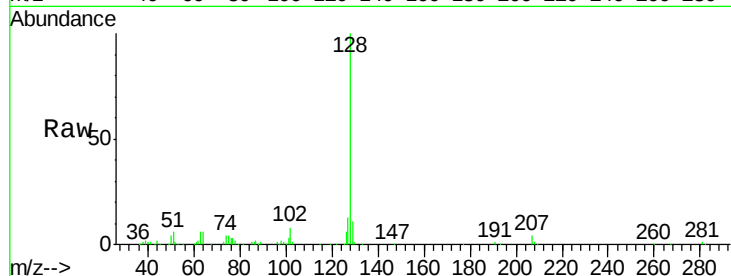
Tot Ion:128 Resp: 202222

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

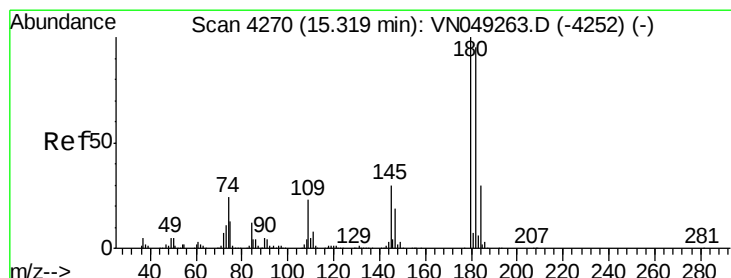
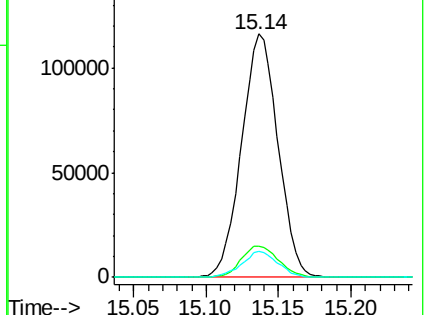
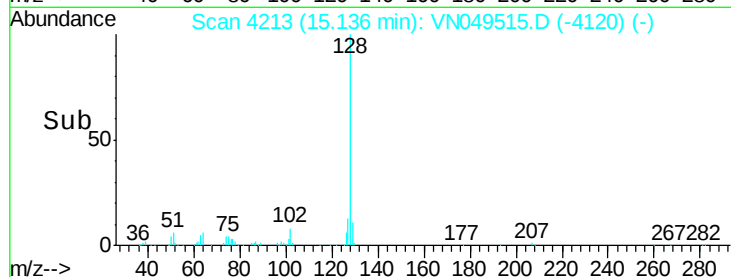
129 10.5 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 14.60 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049515.D

Acq: 25 Jun 2018 16:55

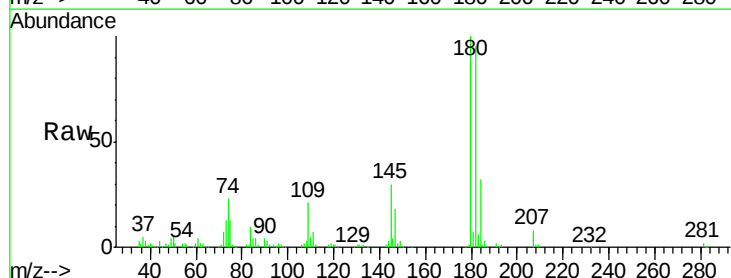
Tgt Ion:180 Resp: 120229

Ion Ratio Lower Upper

180 100

182 97.0 47.3 141.8

145 30.7 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

