

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050130.D
 Acq On : 27 Jul 2018 15:08
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 27 23:27:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	785467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1033991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	558911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	528459	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.59	113	477635	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.09	98	1768861	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.40	95	616750	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	537672	47.64	ug/l	99
3) Chloromethane	2.06	50	481307	39.23	ug/l	100
4) Vinyl Chloride	2.18	62	557289	43.14	ug/l	98
5) Bromomethane	2.55	94	203076	27.86	ug/l	98
6) Chloroethane	2.69	64	330309	42.57	ug/l	98
7) Trichlorofluoromethane	3.01	101	751132	44.88	ug/l	99
8) Diethyl Ether	3.41	74	263142	47.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	458727	45.58	ug/l	99
10) Methyl Iodide	3.95	142	296221	22.93	ug/l	97
11) Tert butyl alcohol	4.80	59	200576	248.75	ug/l	100
12) 1,1-Dichloroethene	3.73	96	413249	45.65	ug/l	97
13) Acrolein	3.61	56	72320	111.63	ug/l	98
14) Allyl chloride	4.32	41	661273	47.11	ug/l	99
15) Acrylonitrile	4.99	53	806639	229.29	ug/l	99
16) Acetone	3.82	43	663146	257.02	ug/l	100
17) Carbon Disulfide	4.05	76	1149520	41.45	ug/l	99
18) Methyl Acetate	4.33	43	506987	50.51	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1229638	50.97	ug/l	99
20) Methylene Chloride	4.55	84	457953	47.06	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	440290	45.90	ug/l	99
22) Diisopropyl ether	5.96	45	1380631	49.60	ug/l	98
23) Vinyl Acetate	5.90	43	4779244	242.97	ug/l	100
24) 1,1-Dichloroethane	5.85	63	827708	45.48	ug/l	99
25) 2-Butanone	6.84	43	1015427	242.92	ug/l	98
26) 2,2-Dichloropropane	6.83	77	700579	50.60	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	506779	49.08	ug/l	100
28) Bromochloromethane	7.20	49	391330	47.14	ug/l	96
29) Tetrahydrofuran	7.22	42	640931	237.28	ug/l	98
30) Chloroform	7.37	83	840499	45.25	ug/l	100
31) Cyclohexane	7.65	56	700792	46.42	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	733089	46.14	ug/l	100
36) 1,1-Dichloropropene	7.79	75	634716	49.88	ug/l	99
37) Ethyl Acetate	6.93	43	423899	47.78	ug/l	100
38) Carbon Tetrachloride	7.78	117	649226	48.09	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	696460	53.21	ug/l	99
40) Benzene	8.04	78	1894683	48.93	ug/l	100
41) Methacrylonitrile	7.18	41	255695	55.05	ug/l #	75
42) 1,2-Dichloroethane	8.13	62	614976	47.61	ug/l	100
43) Isopropyl Acetate	8.17	43	799647	47.78	ug/l #	89
44) Trichloroethene	8.84	130	504616	48.50	ug/l	99
45) 1,2-Dichloropropane	9.12	63	493673	48.14	ug/l	98
46) Dibromomethane	9.21	93	308738	48.48	ug/l	98
47) Bromodichloromethane	9.40	83	651968	48.51	ug/l	100
48) Methyl methacrylate	9.20	41	397079	51.97	ug/l	98
49) 1,4-Dioxane	9.20	88	110257	1060.42	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2210525	253.47	ug/l	100
52) Toluene	10.16	92	1187014	51.94	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	674094	53.15	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	754896	52.08	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	443580	48.93	ug/l	99
56) Ethyl methacrylate	10.43	69	592619	48.33	ug/l	99
57) 1,3-Dichloropropane	10.71	76	742131	50.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1395738	243.50	ug/l	99
59) 2-Hexanone	10.75	43	1523701	238.03	ug/l	99
60) Dibromochloromethane	10.90	129	510035	50.82	ug/l	98
61) 1,2-Dibromoethane	11.01	107	448759	49.89	ug/l	99
64) Tetrachloroethene	10.63	164	471841	47.46	ug/l	98
65) Chlorobenzene	11.44	112	1295733	49.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	489332	48.76	ug/l	100
67) Ethyl Benzene	11.51	91	2258628	53.83	ug/l	100
68) m/p-Xylenes	11.62	106	1736073	109.40	ug/l	100
69) o-Xylene	11.95	106	832886	55.06	ug/l	99
70) Styrene	11.97	104	1358558	50.48	ug/l	99
71) Bromoform	12.13	173	368606	50.49	ug/l #	99
73) Isopropylbenzene	12.25	105	2249501	51.90	ug/l	100
74) N-amyl acetate	12.07	43	658013	49.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	582249	50.30	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	719284	69.25	ug/l #	100
77) Bromobenzene	12.53	156	576580	47.99	ug/l	99
78) n-propylbenzene	12.59	91	2577109	53.19	ug/l	100
79) 2-Chlorotoluene	12.68	91	1531370	50.99	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1853061	54.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	163262	49.85	ug/l	99
82) 4-Chlorotoluene	12.78	91	1540551	51.80	ug/l	98
83) tert-Butylbenzene	12.99	119	1603444	53.89	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1888482	54.95	ug/l	100
85) sec-Butylbenzene	13.17	105	2157834	54.28	ug/l	100
86) p-Isopropyltoluene	13.29	119	1882813	56.20	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1023024	50.23	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	993396	50.04	ug/l	100
89) n-Butylbenzene	13.62	91	1547097	56.16	ug/l	99
90) Hexachloroethane	13.88	117	340574	45.78	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1001380	49.19	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	95442	49.41	ug/l	97

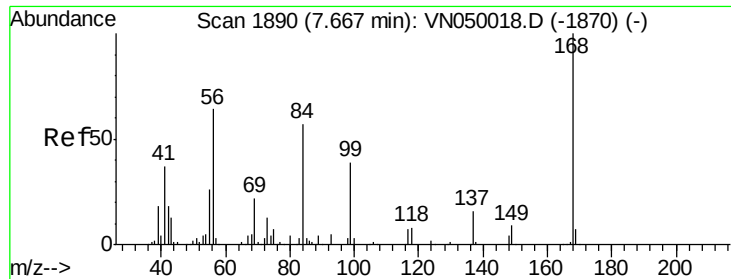
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	528262	48.99	ug/l	98
94) Hexachlorobutadiene	15.01	225	310464	49.81	ug/l	100
95) Naphthalene	15.14	128	1203379	47.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	513154	48.85	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

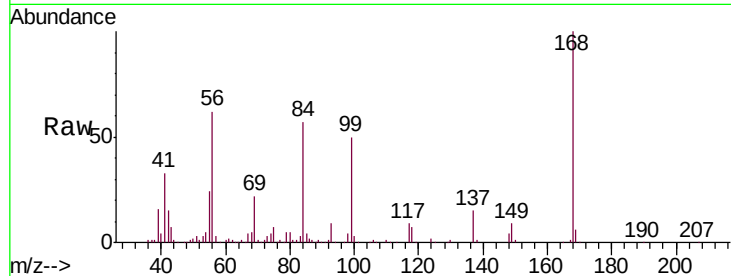
VSTDCCC050

Tot Ion:168 Resp: 785467

Ion Ratio Lower Upper

168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

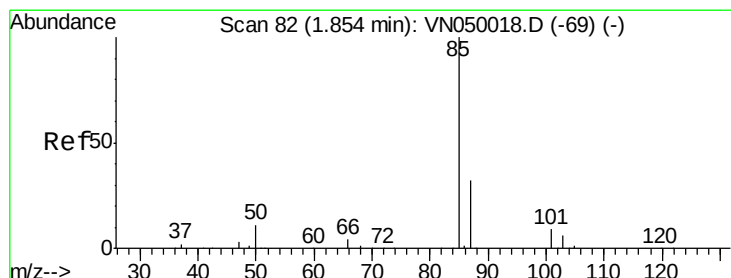
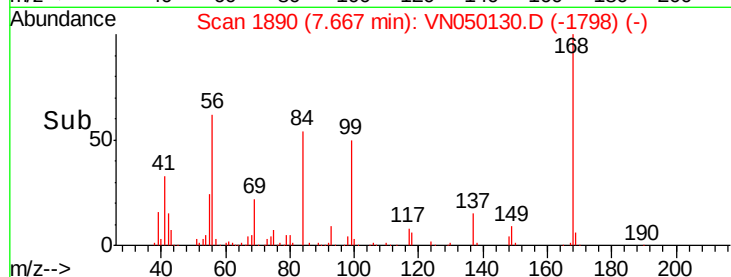
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.64 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050130.D

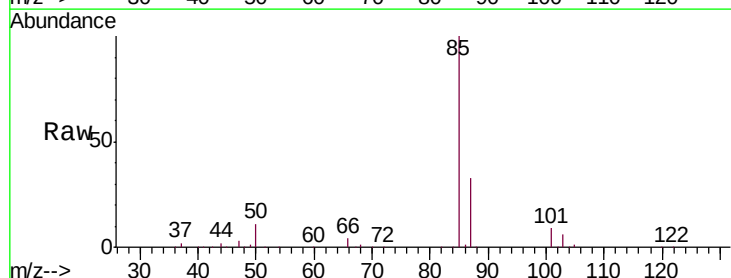
Acq: 27 Jul 2018 15:08

Tgt Ion: 85 Resp: 537672

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

400000

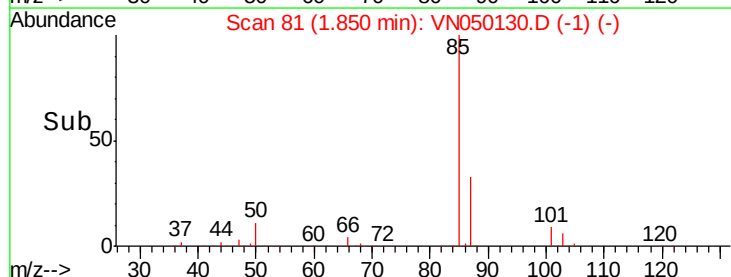
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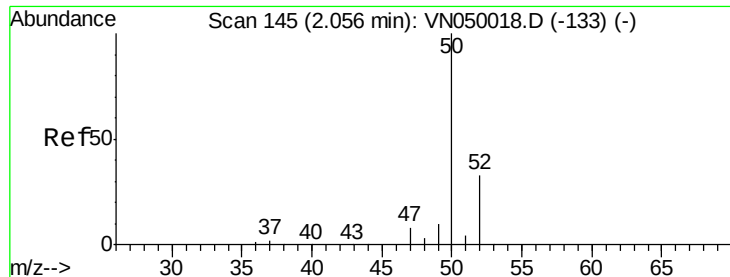
200000

100000

0

Time-->





#3

Chloromethane

Concen: 39.23 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

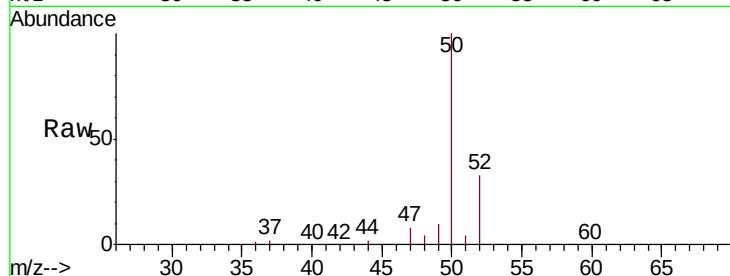
VSTDCCC050

Tot Ion: 50 Resp: 481307

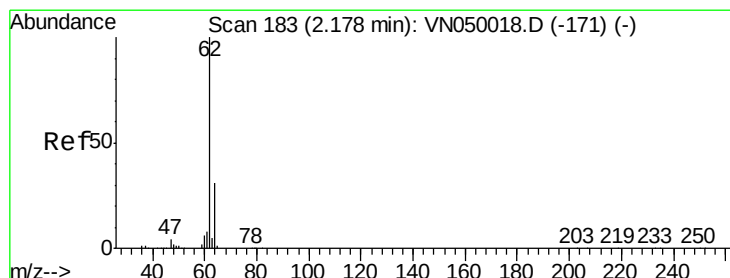
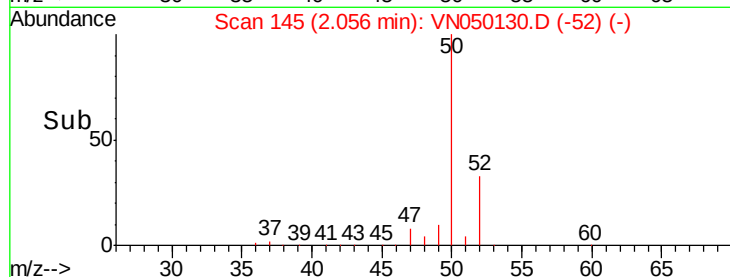
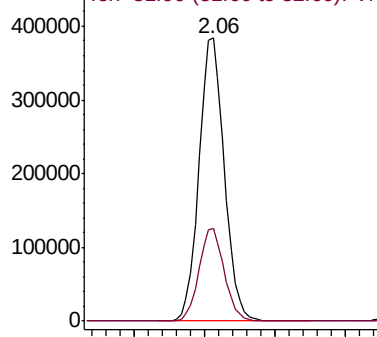
Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 43.14 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050130.D

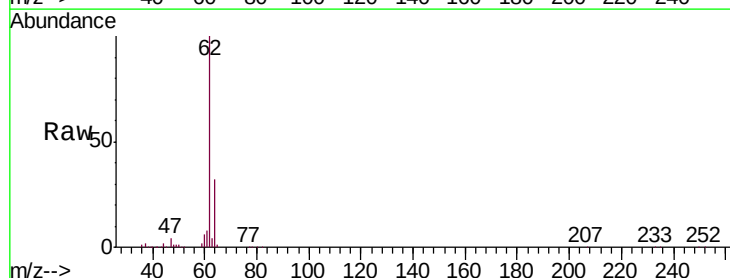
Acq: 27 Jul 2018 15:08

Tgt Ion: 62 Resp: 557289

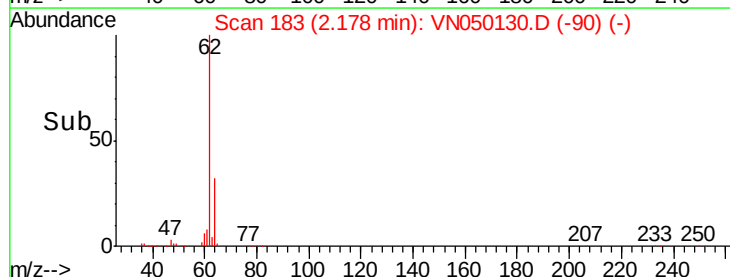
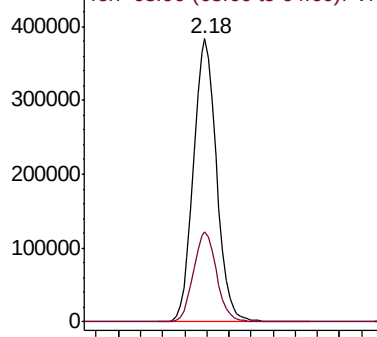
Ion Ratio Lower Upper

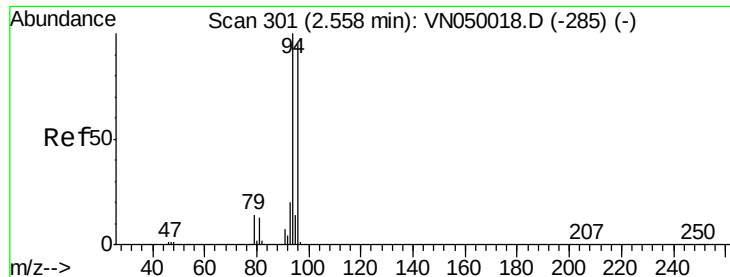
62 100

64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 27.86 ug/l

RT: 2.55 min Scan# 299

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampled :

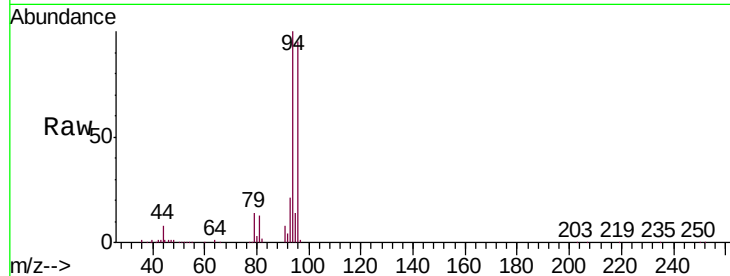
VSTDCCC050

Tot Ion: 94 Resp: 203076

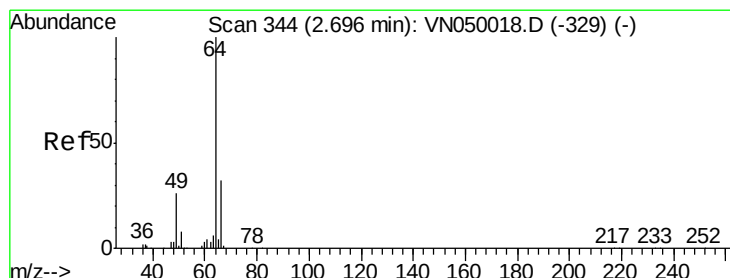
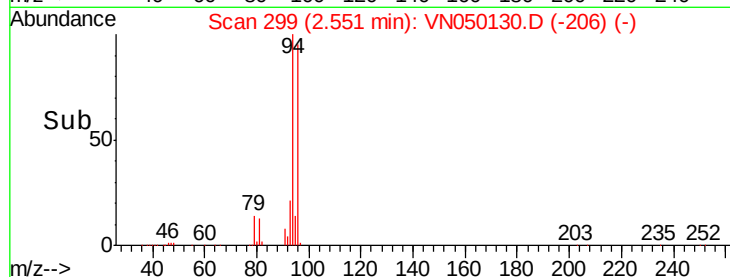
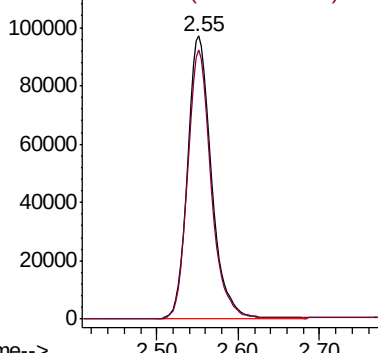
Ion Ratio Lower Upper

94 100

96 95.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 42.57 ug/l

RT: 2.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VN050130.D

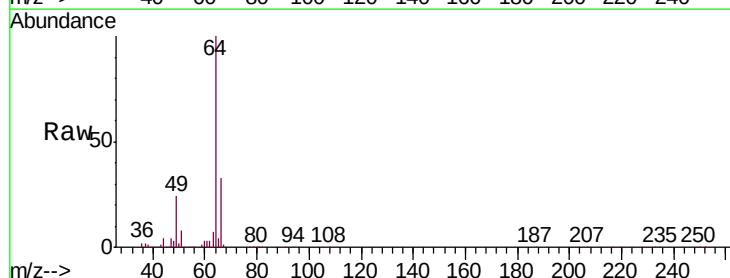
Acq: 27 Jul 2018 15:08

Tgt Ion: 64 Resp: 330309

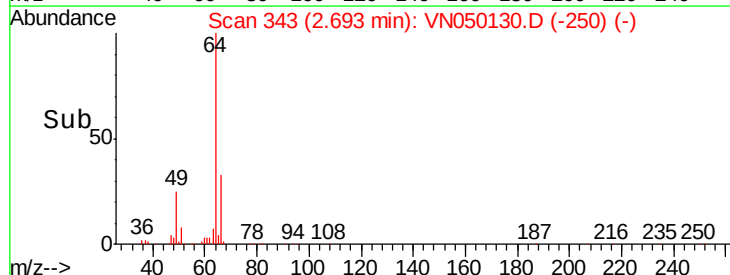
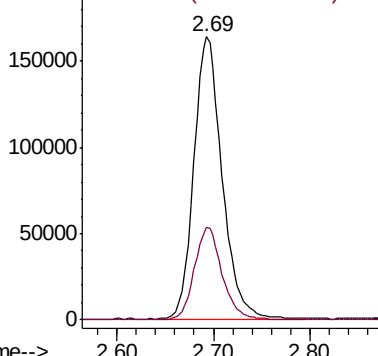
Ion Ratio Lower Upper

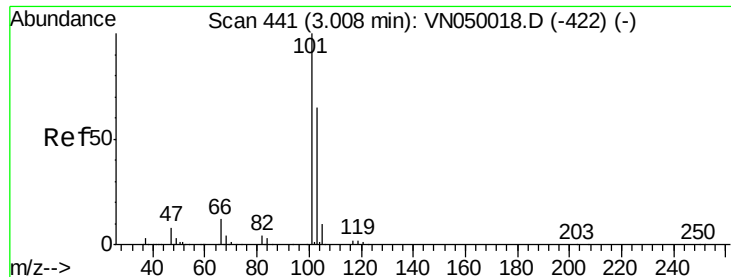
64 100

66 32.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



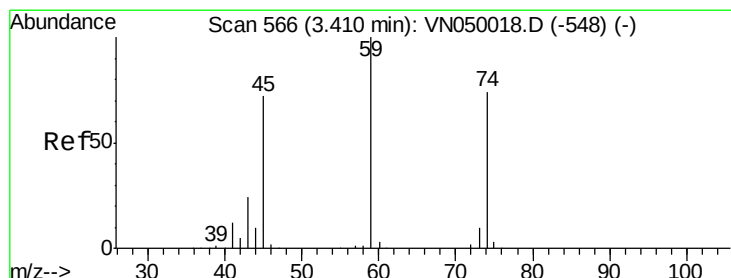
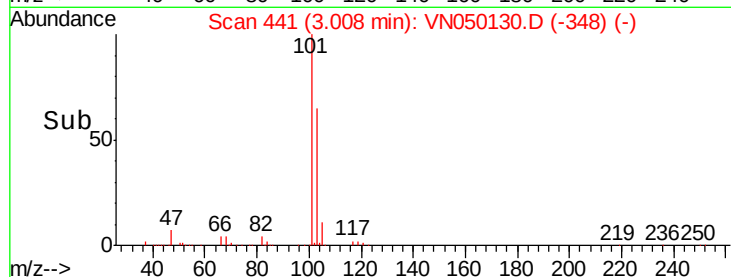
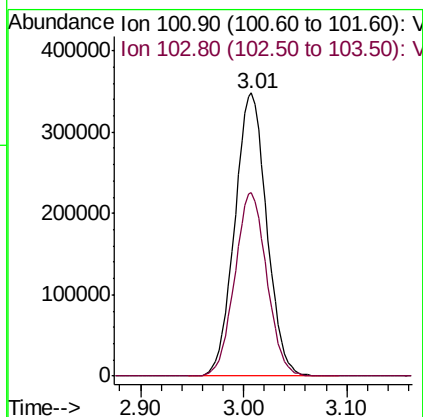
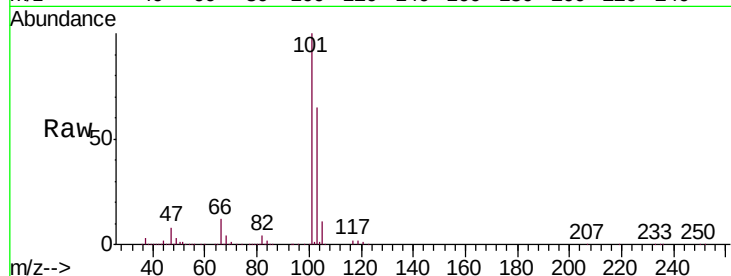


#7

Trichlorofluoromethane
Concen: 44.88 ug/l
RT: 3.01 min Scan# 441
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

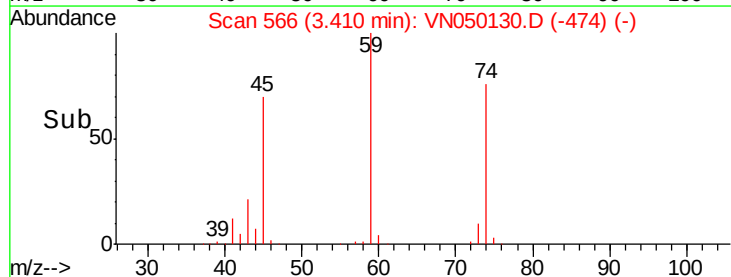
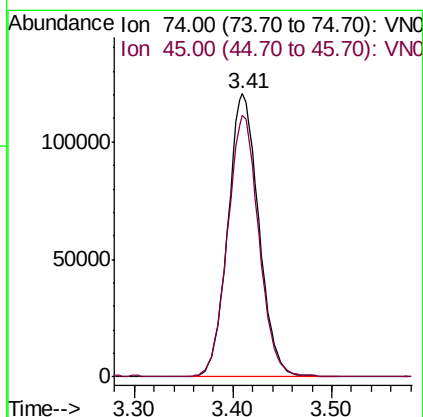
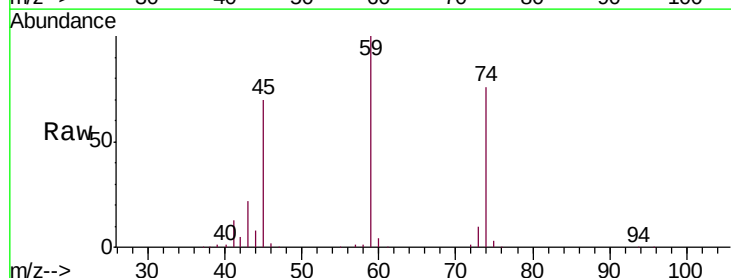
Tot Ion:101 Resp: 751132
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

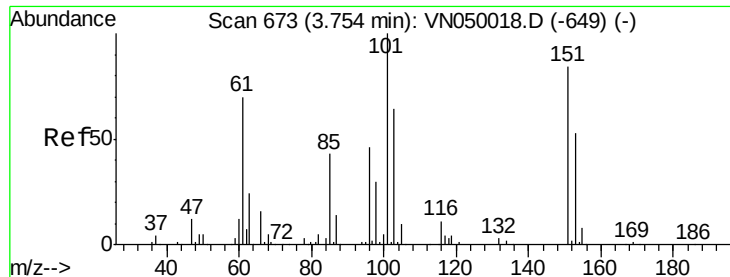


#8

Diethyl Ether
Concen: 47.16 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 74 Resp: 263142
Ion Ratio Lower Upper
74 100
45 93.2 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.58 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

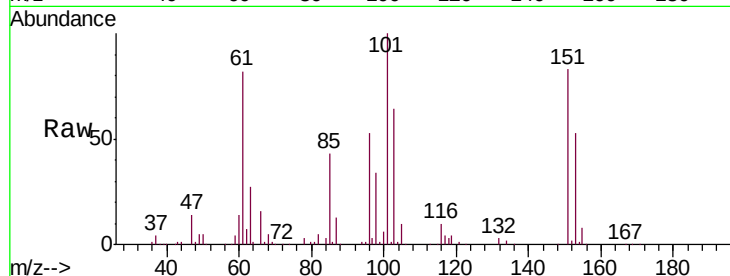
Tot Ion:101 Resp: 458727

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

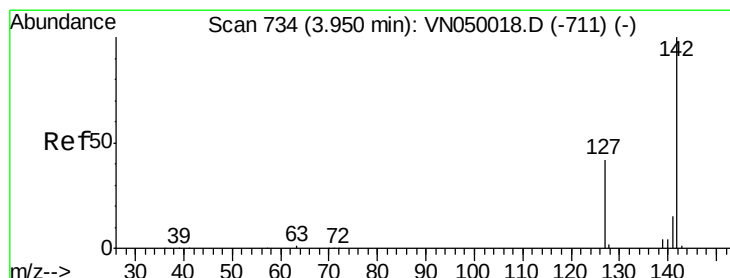
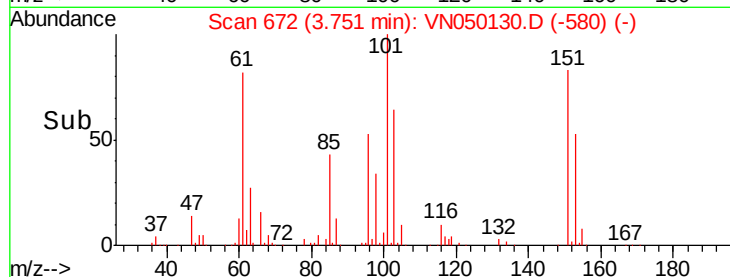
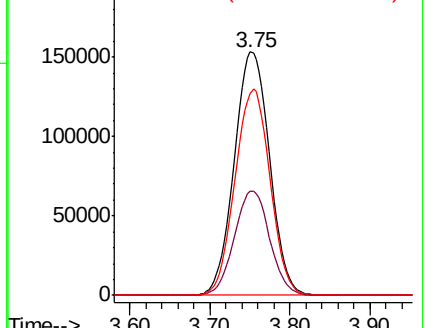
151 84.1 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.93 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

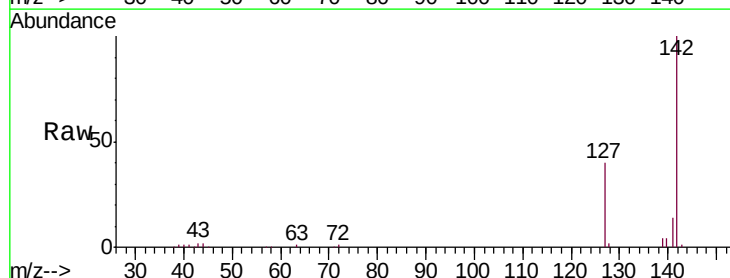
Tgt Ion:142 Resp: 296221

Ion Ratio Lower Upper

142 100

127 39.7 33.4 50.2

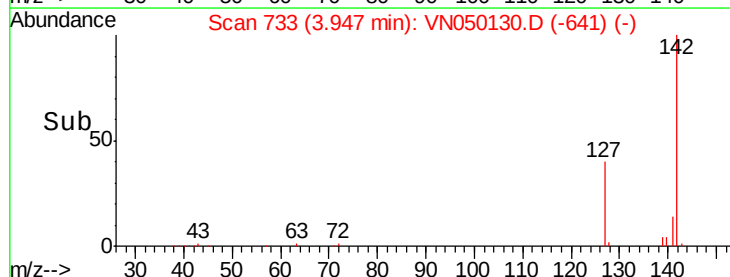
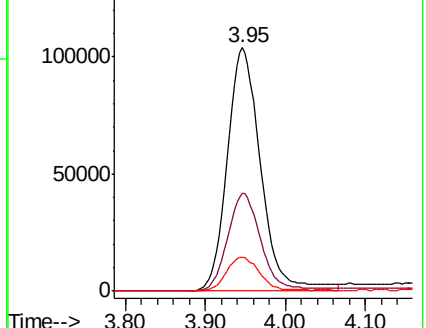
141 13.6 11.6 17.4

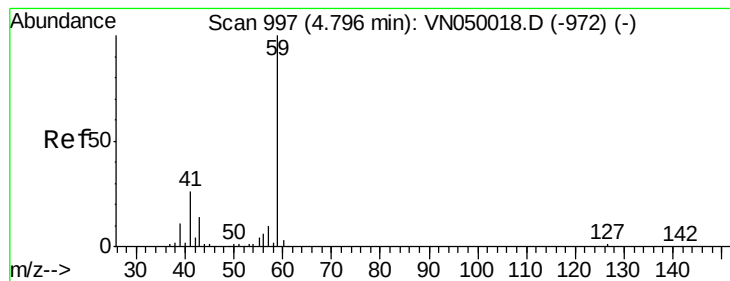


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 248.75 ug/l

RT: 4.80 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

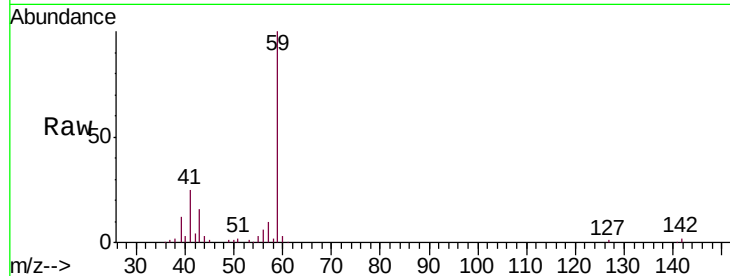
VSTDCCC050

Tot Ion: 59 Resp: 200576

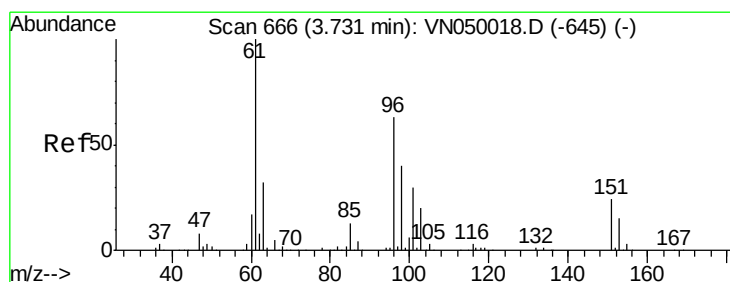
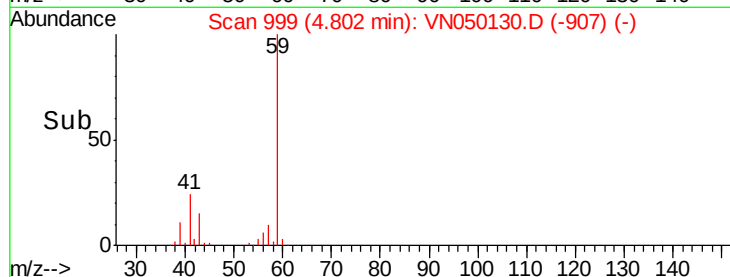
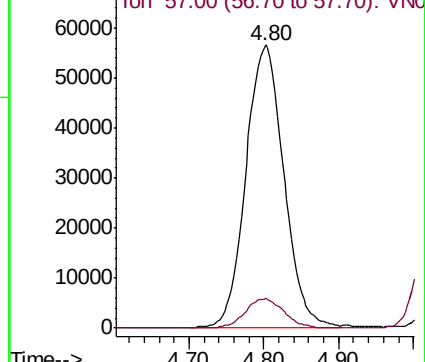
Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN050130.D (-907) (-)



#12

1,1-Dichloroethene

Concen: 45.65 ug/l

RT: 3.73 min Scan# 666

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

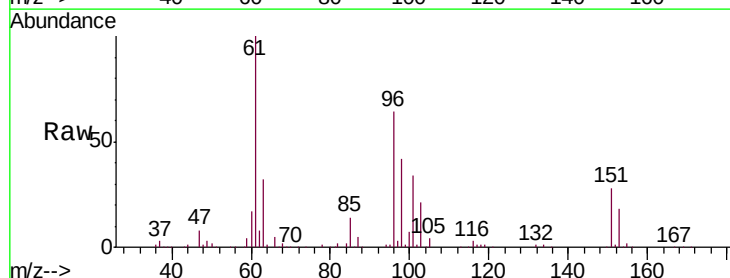
Tgt Ion: 96 Resp: 413249

Ion Ratio Lower Upper

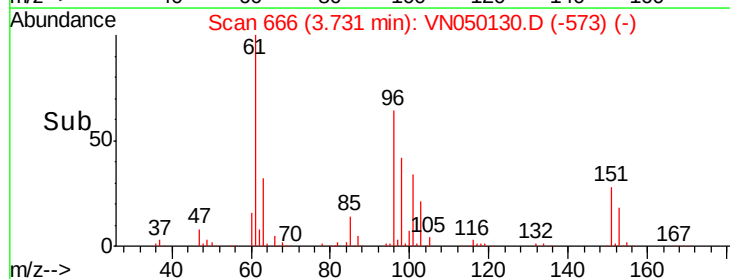
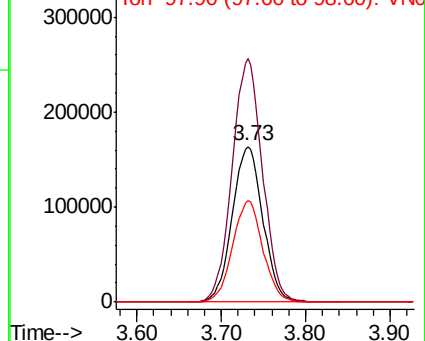
96 100

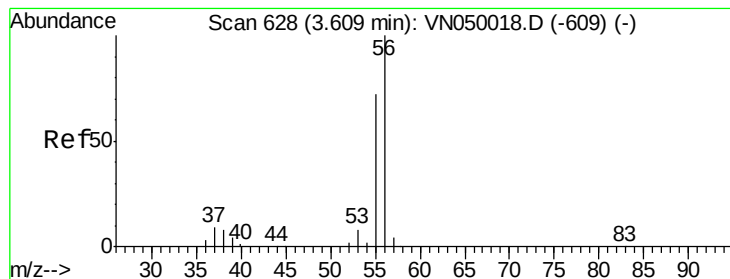
61 156.6 124.4 186.6

98 65.6 48.3 72.5



Abundance Ion 95.90 (95.60 to 96.60): VN050130.D (-573) (-)





#13

Acrolein

Concen: 111.63 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

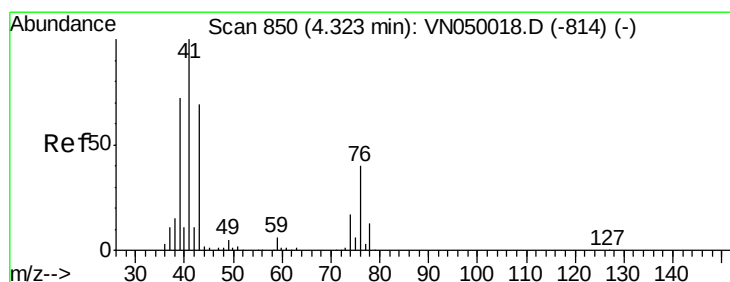
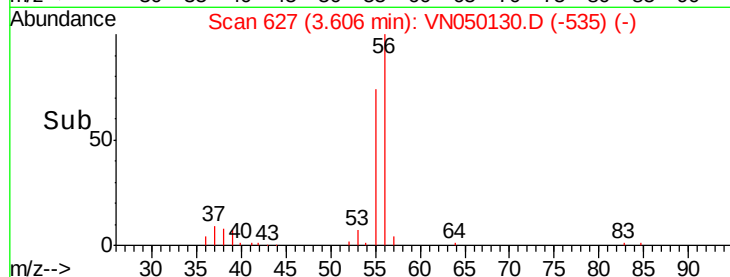
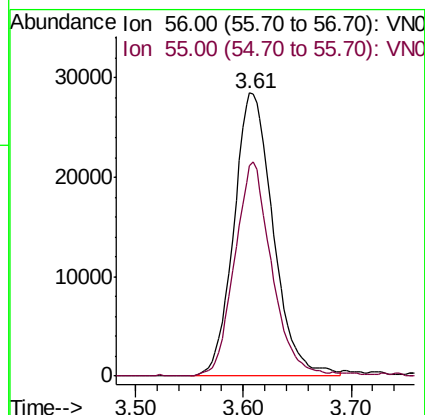
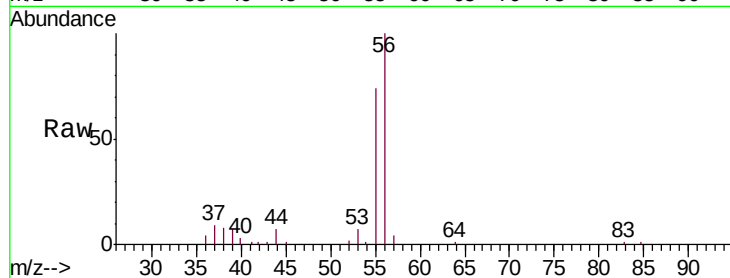
VSTDCCC050

Tot Ion: 56 Resp: 72320

Ion Ratio Lower Upper

56 100

55 71.4 55.8 83.6



#14

Allyl chloride

Concen: 47.11 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

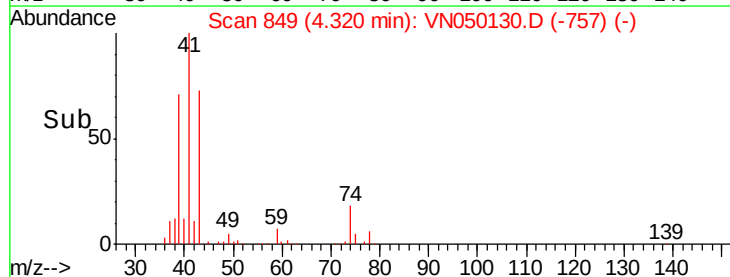
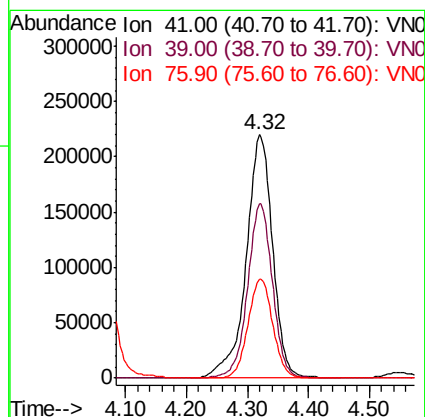
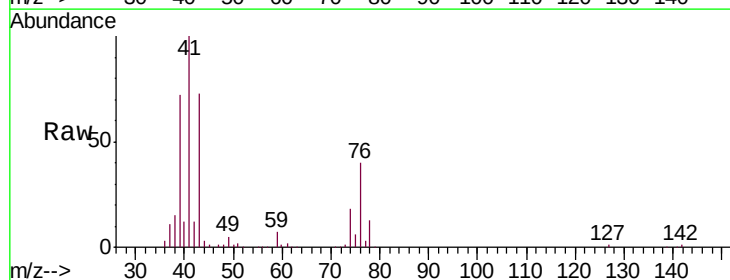
Tgt Ion: 41 Resp: 661273

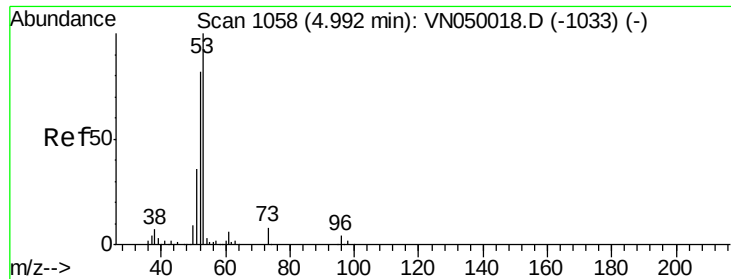
Ion Ratio Lower Upper

41 100

39 67.4 54.2 81.4

76 37.3 29.0 43.6





#15

Acrylonitrile

Concen: 229.29 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

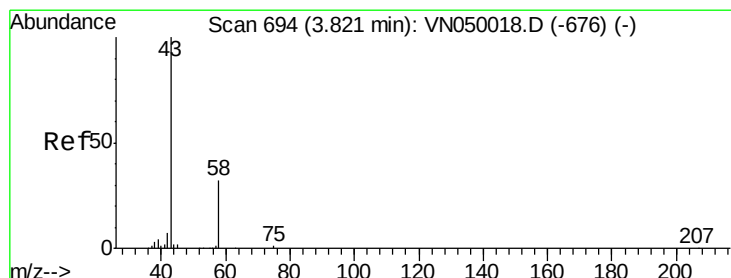
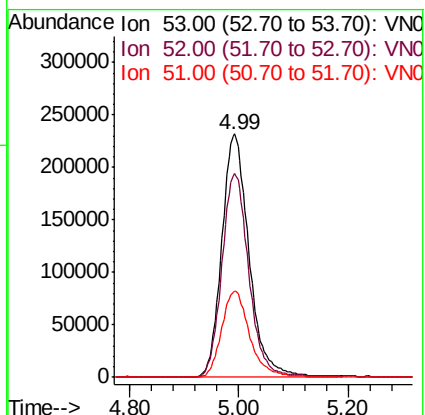
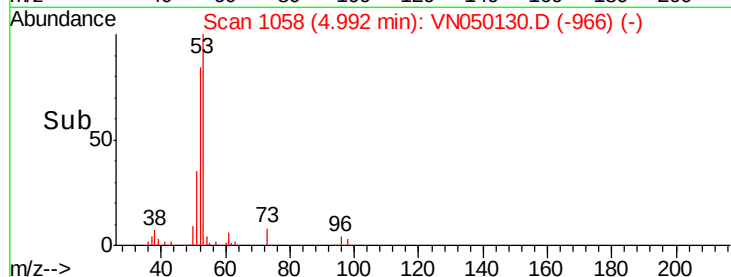
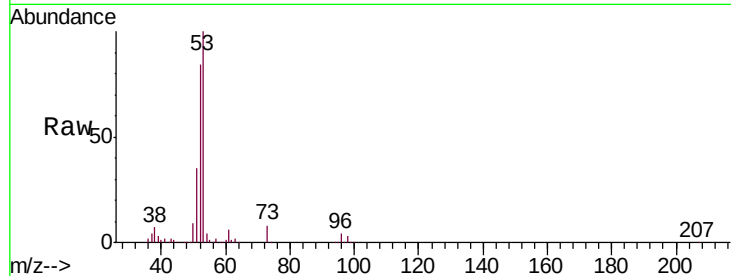
Tot Ion: 53 Resp: 806639

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

51 36.5 29.3 43.9



#16

Acetone

Concen: 257.02 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050130.D

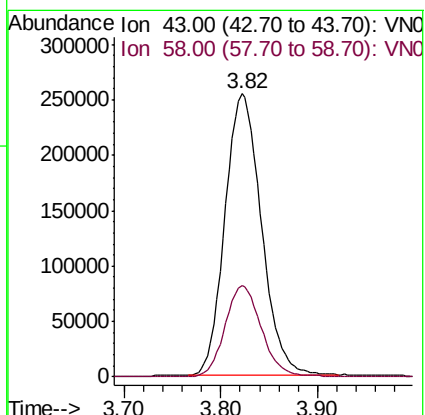
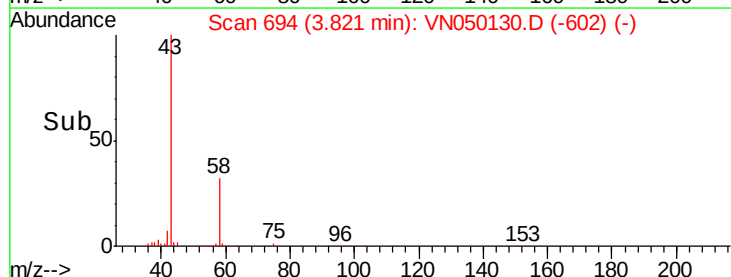
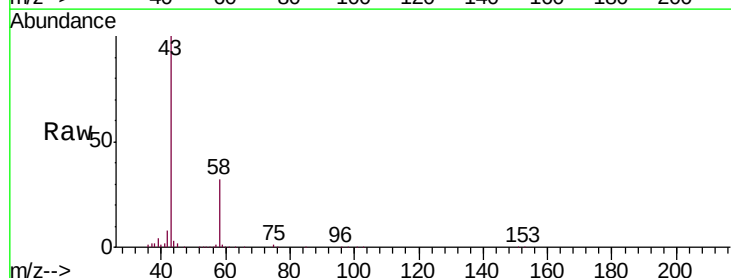
Acq: 27 Jul 2018 15:08

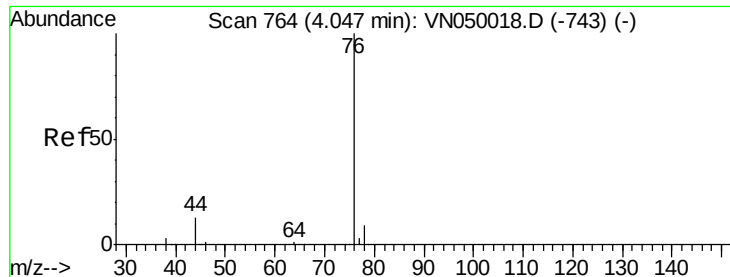
Tgt Ion: 43 Resp: 663146

Ion Ratio Lower Upper

43 100

58 32.3 25.8 38.8

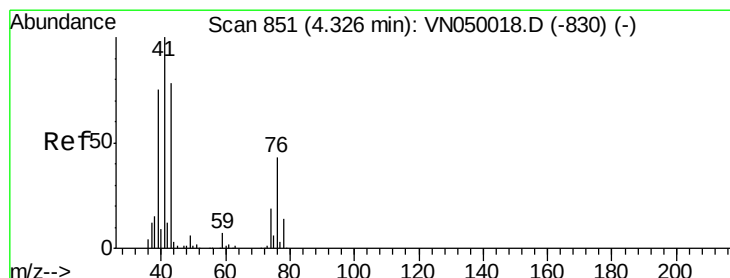
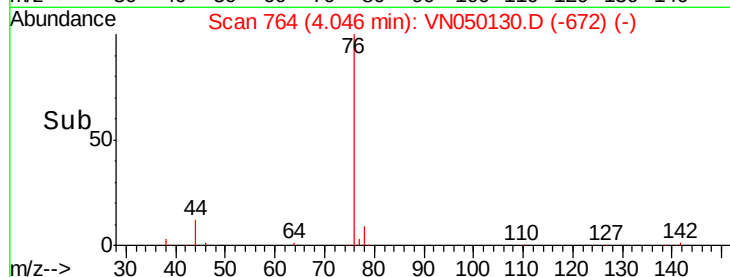
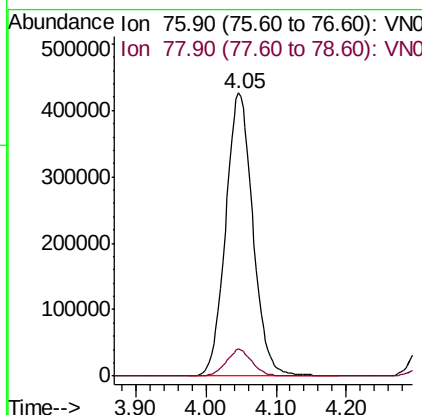
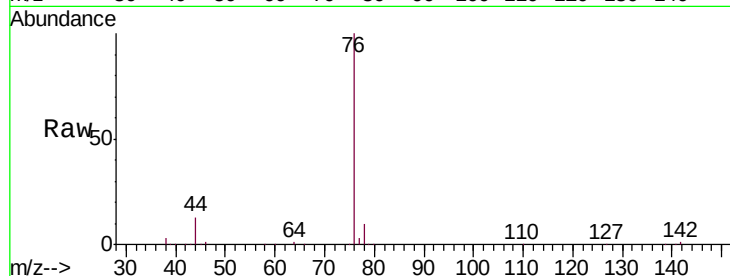




#17
Carbon Disulfide
Concen: 41.45 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

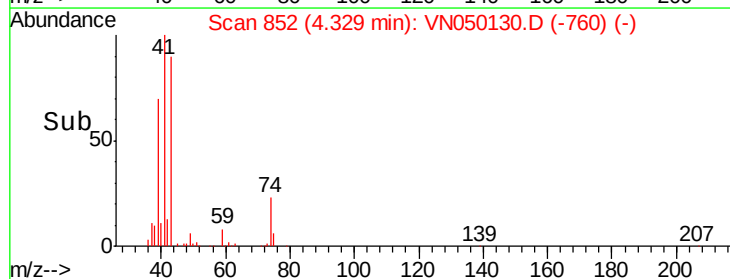
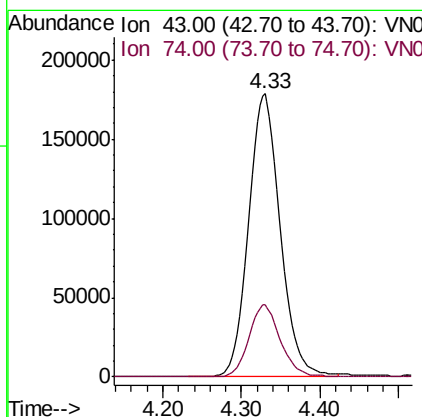
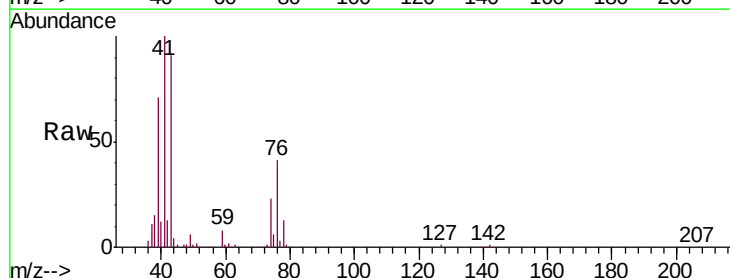
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

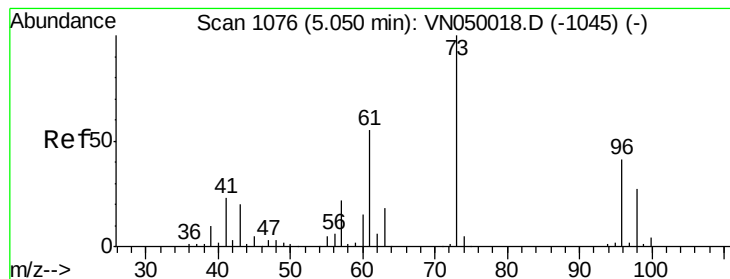
Tot Ion: 76 Resp: 1149520
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 50.51 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 43 Resp: 506987
Ion Ratio Lower Upper
43 100
74 25.5 19.2 28.8



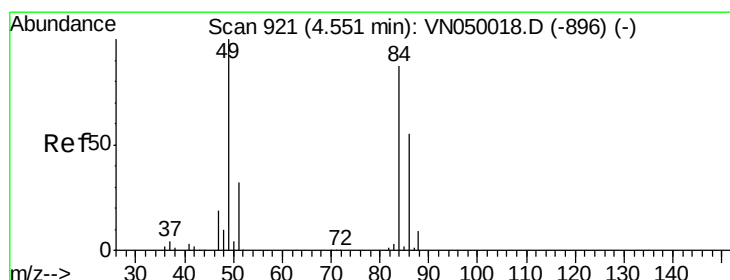
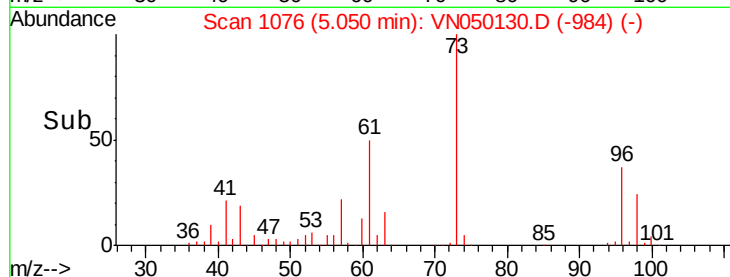
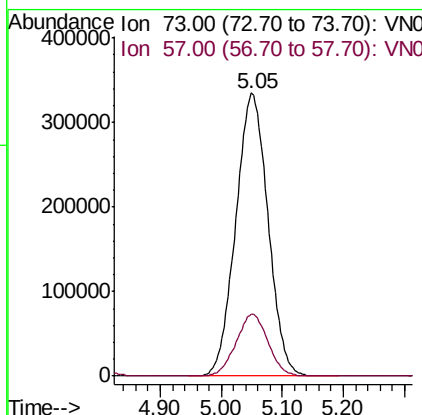
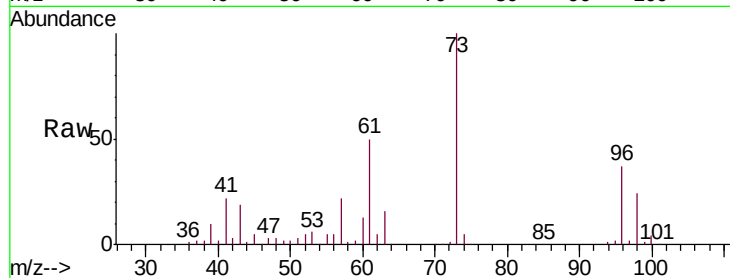


#19

Methyl tert-butyl Ether
 Concen: 50.97 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

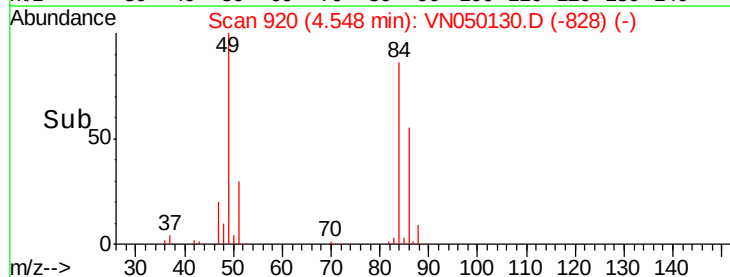
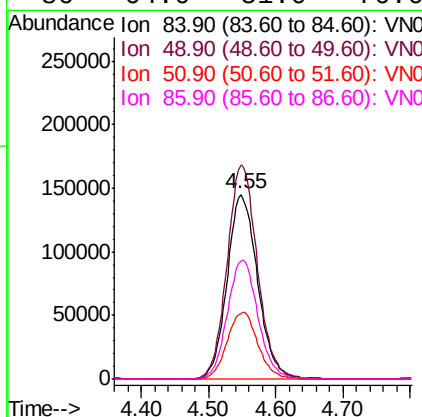
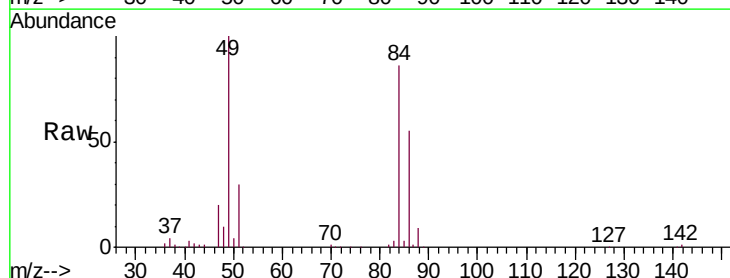
Tot Ion: 73 Resp: 1229638
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.0 27.0

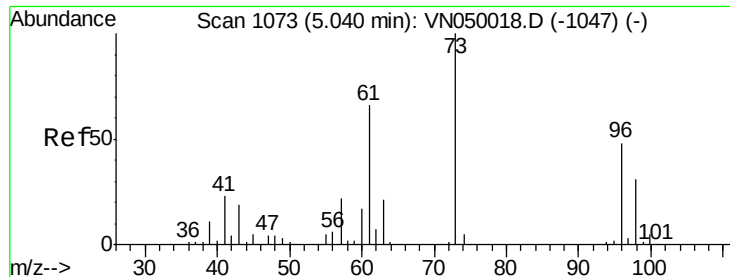


#20

Methylene Chloride
 Concen: 47.06 ug/l
 RT: 4.55 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

Tgt Ion: 84 Resp: 457953
 Ion Ratio Lower Upper
 84 100
 49 115.7 94.8 142.2
 51 35.2 28.3 42.5
 86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 45.90 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

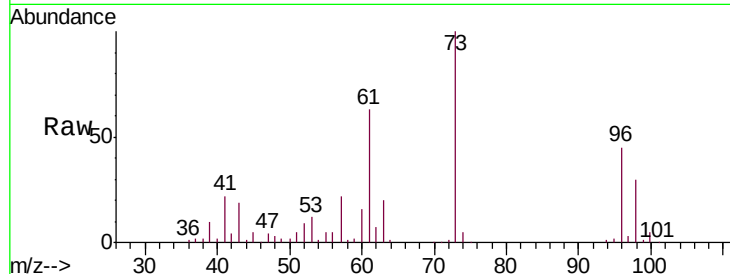
Tot Ion: 96 Resp: 440290

Ion Ratio Lower Upper

96 100

61 137.7 110.7 166.1

98 65.3 51.6 77.4

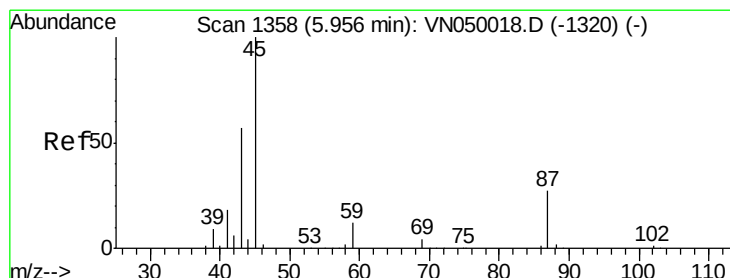
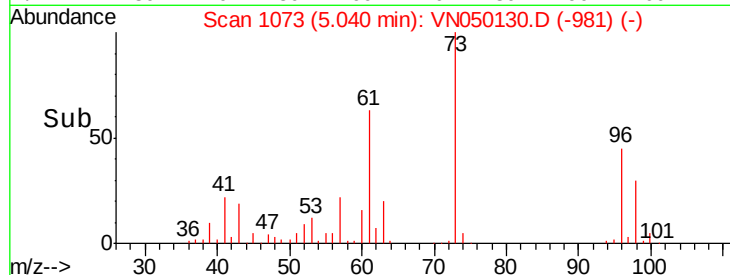
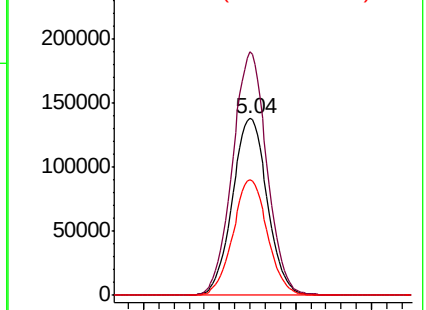


Abundance

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: 49.60 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Tgt Ion: 45 Resp: 1380631

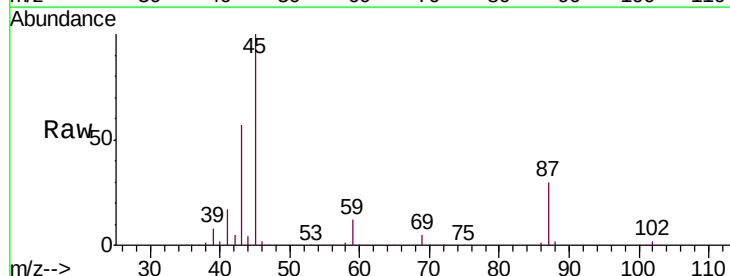
Ion Ratio Lower Upper

45 100

43 55.9 45.7 68.5

87 29.9 22.7 34.1

59 11.8 9.5 14.3



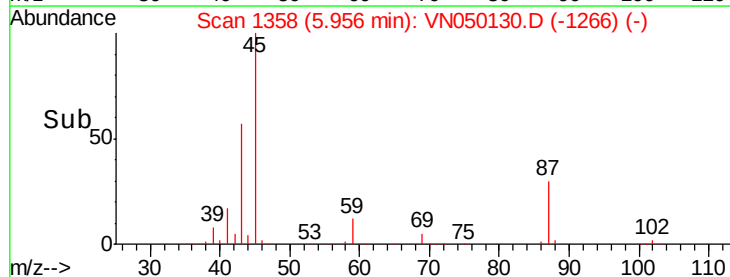
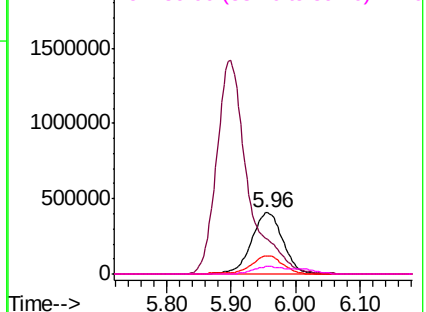
Abundance

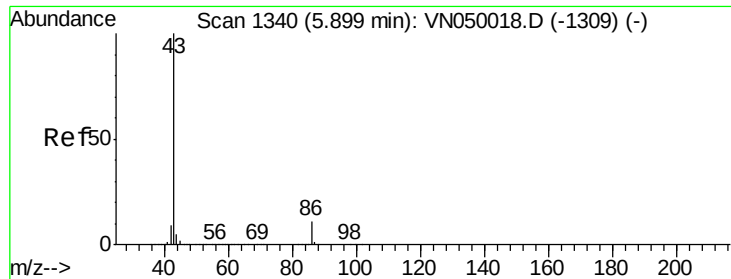
Ion 45.00 (44.70 to 45.70): VN0

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: 242.97 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

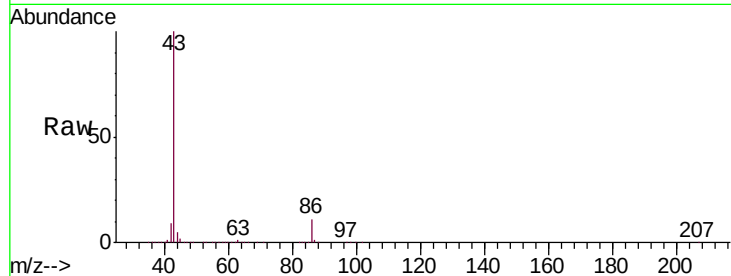
VSTDCCC050

Tot Ion: 43 Resp: 4779244

Ion Ratio Lower Upper

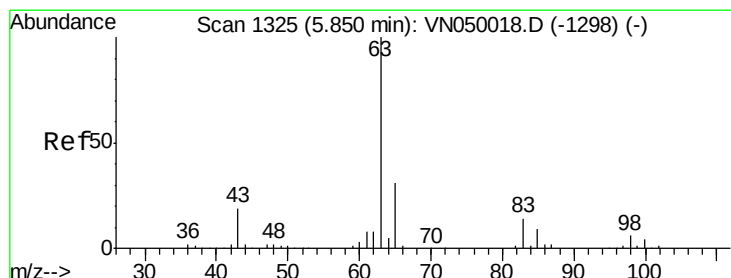
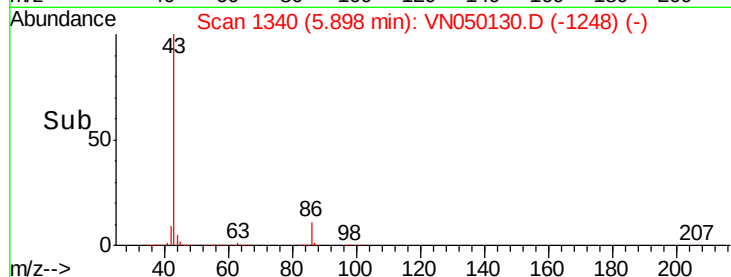
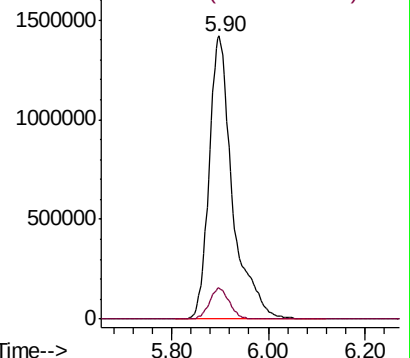
43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 45.48 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

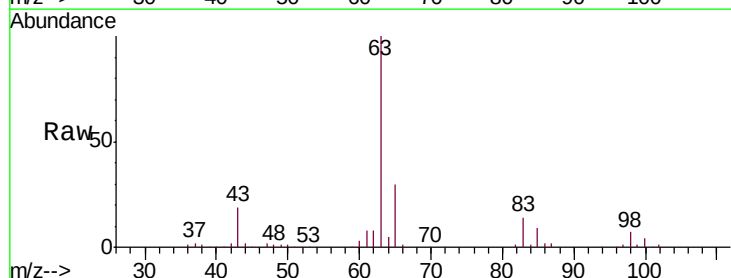
Tgt Ion: 63 Resp: 827708

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

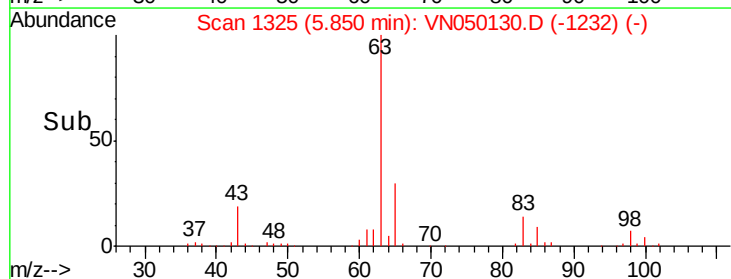
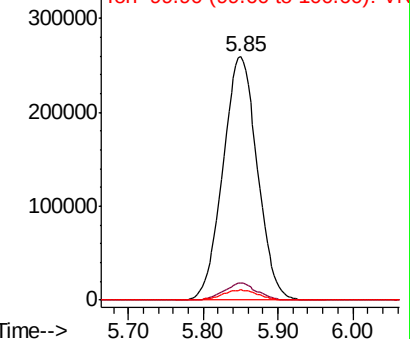
100 4.1 2.1 6.3

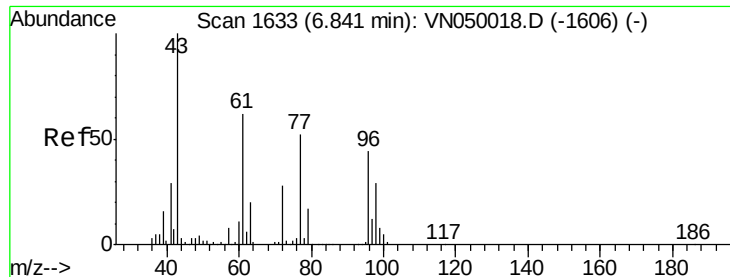


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

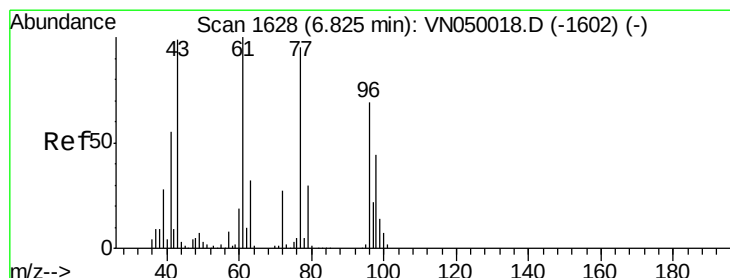
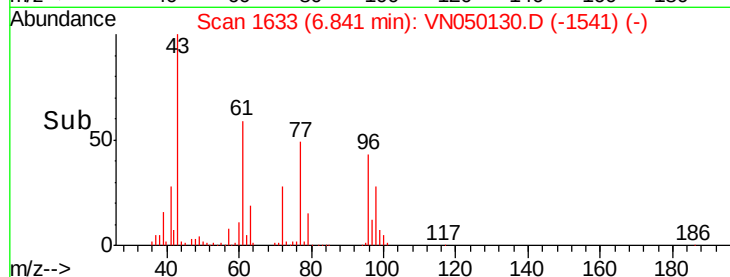
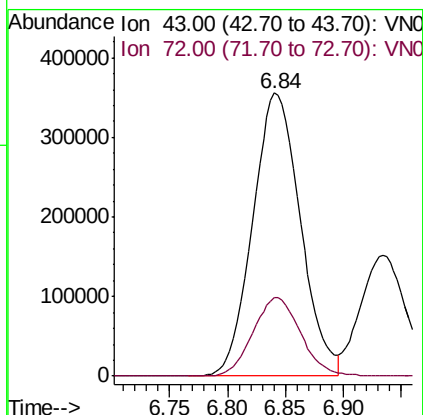
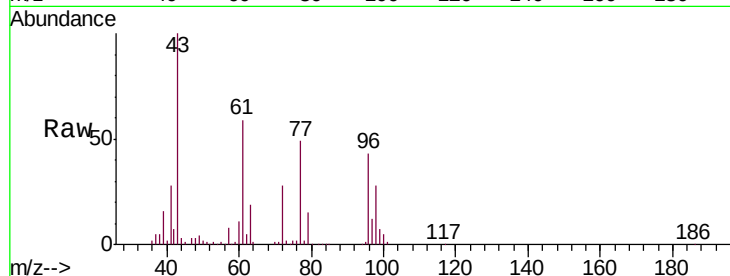




#25
2-Butanone
Concen: 242.92 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

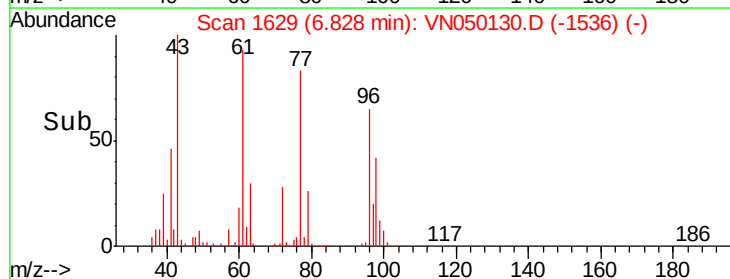
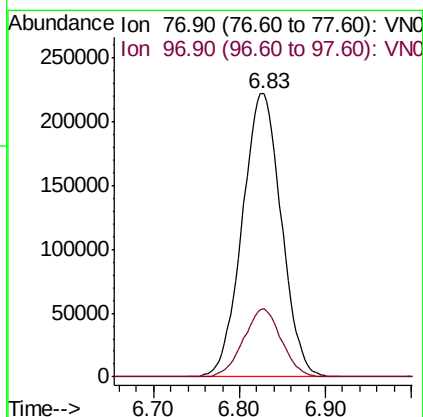
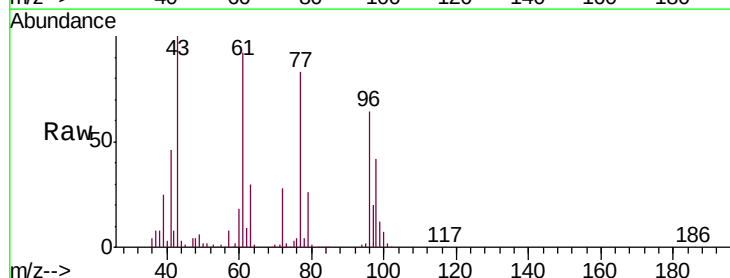
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

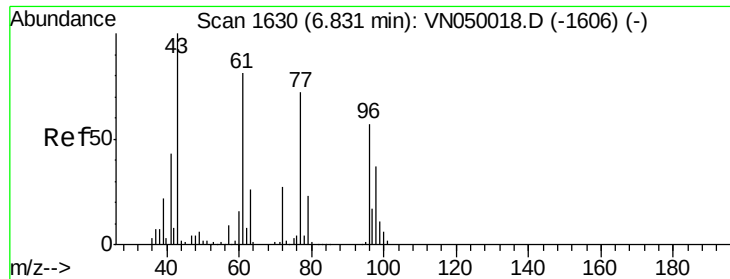
Tot Ion: 43 Resp: 1015427
Ion Ratio Lower Upper
43 100
72 27.8 21.5 32.3



#26
2,2-Dichloropropane
Concen: 50.60 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 77 Resp: 700579
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 49.08 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

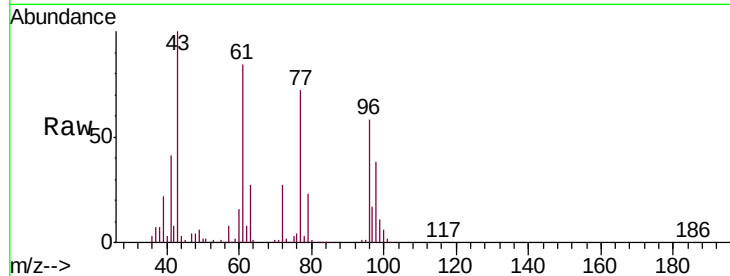
Tot Ion: 96 Resp: 506779

Ion Ratio Lower Upper

96 100

61 142.0 0.0 285.0

98 65.1 0.0 129.2

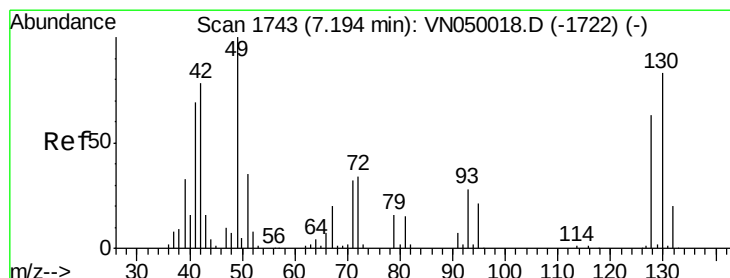
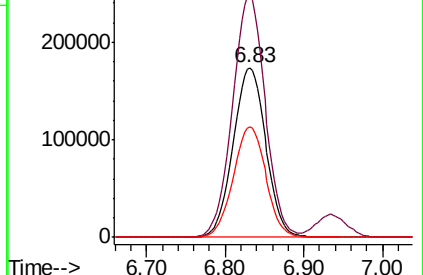
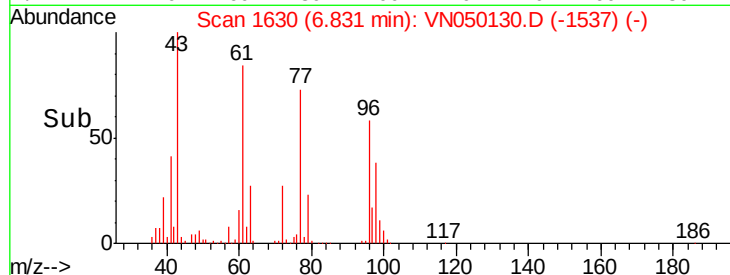


Abundance Ion 95.90 (95.60 to 96.60): VN050130.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN050130.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN050130.D (-1537) (-)

Time-->



#28

Bromochloromethane

Concen: 47.14 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

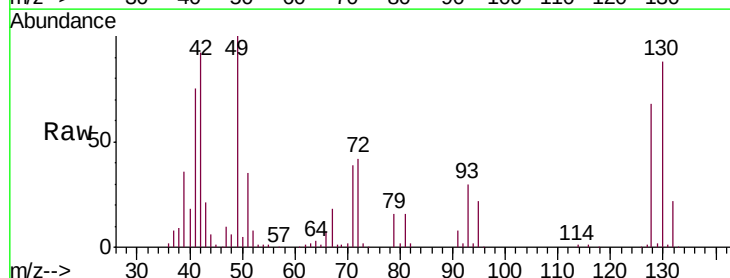
Tgt Ion: 49 Resp: 391330

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 86.3 66.3 99.5

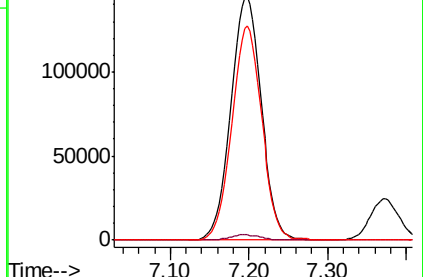
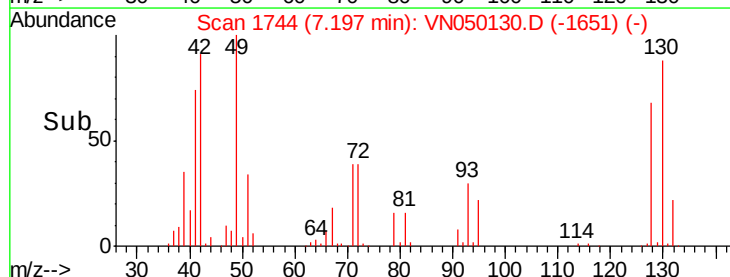


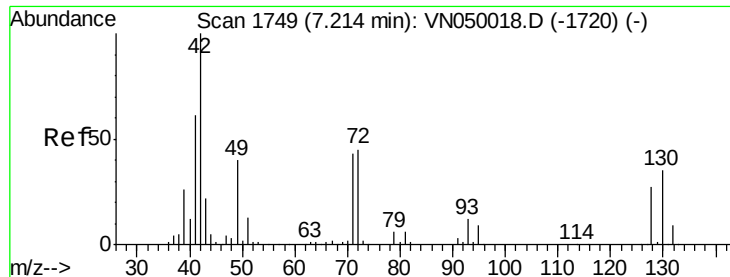
Abundance Ion 48.90 (48.60 to 49.60): VN050130.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN050130.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN050130.D (-1651) (-)

Time-->





#29

Tetrahydrofuran

Concen: 237.28 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

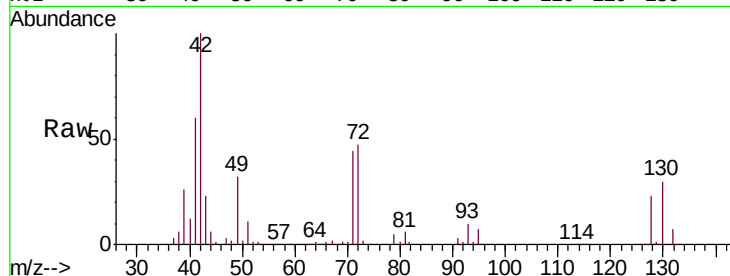
Tot Ion: 42 Resp: 640931

Ion Ratio Lower Upper

42 100

72 46.0 35.9 53.9

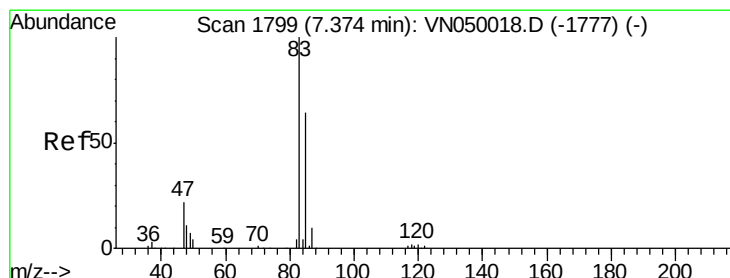
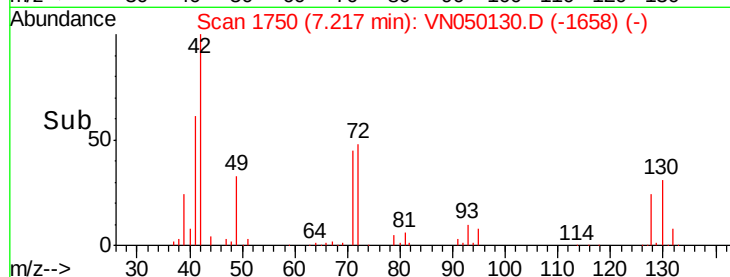
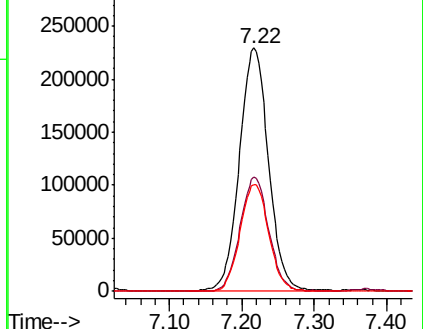
71 43.5 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN050018.D (-1720) (-)

Ion 72.00 (71.70 to 72.70): VN050018.D (-1720) (-)

Ion 71.00 (70.70 to 71.70): VN050018.D (-1720) (-)



#30

Chloroform

Concen: 45.25 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050130.D

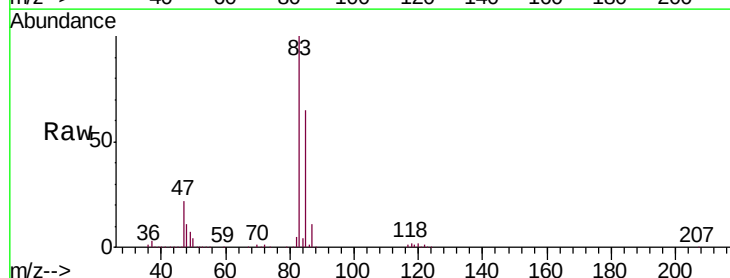
Acq: 27 Jul 2018 15:08

Tgt Ion: 83 Resp: 840499

Ion Ratio Lower Upper

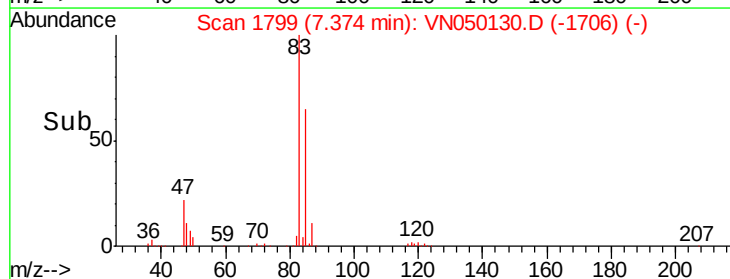
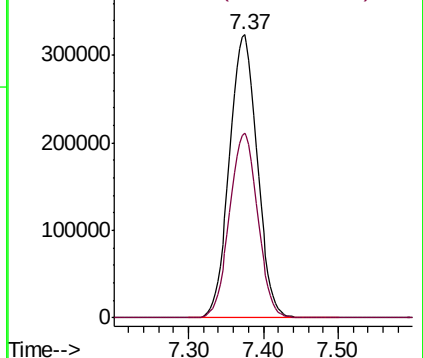
83 100

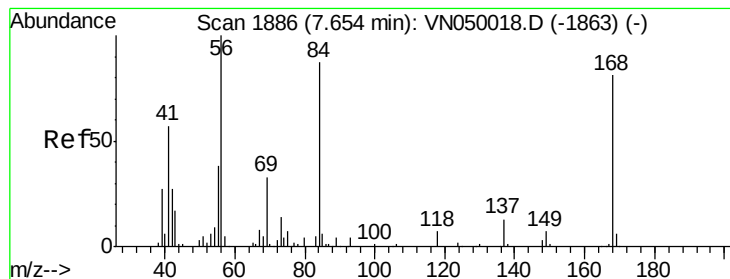
85 65.5 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050018.D (-1777) (-)

Ion 84.90 (84.60 to 85.60): VN050018.D (-1777) (-)





#31

Cyclohexane

Concen: 46.42 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

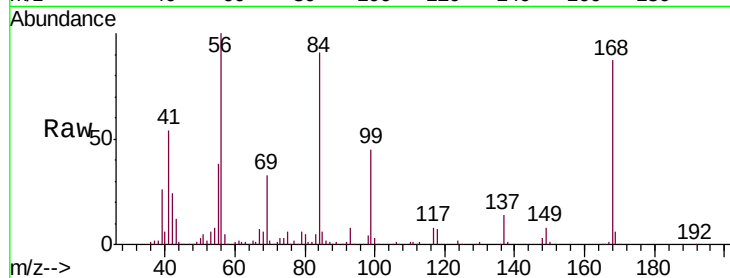
Tot Ion: 56 Resp: 700792

Ion Ratio Lower Upper

56 100

69 33.5 26.2 39.4

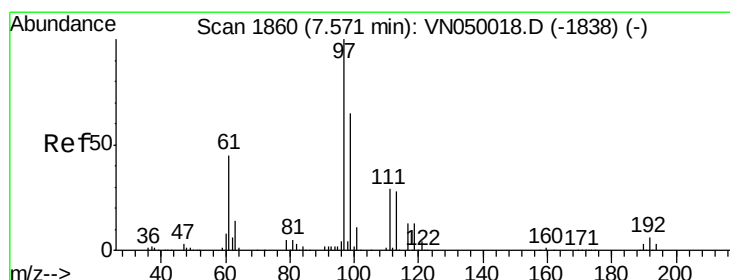
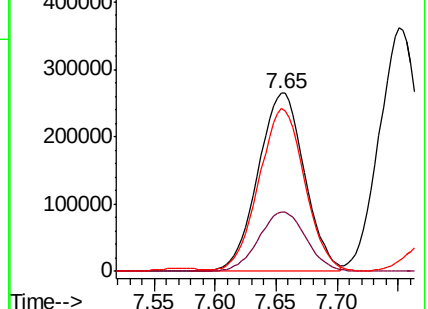
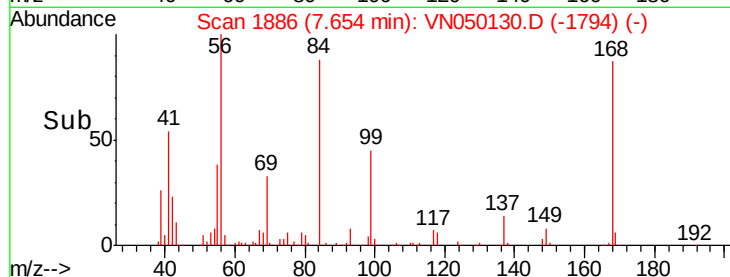
84 89.6 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN050018.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN050018.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN050018.D (-1863) (-)



#32

1,1,1-Trichloroethane

Concen: 46.14 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

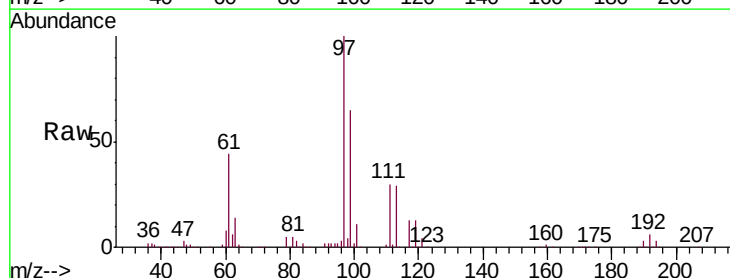
Tgt Ion: 97 Resp: 733089

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

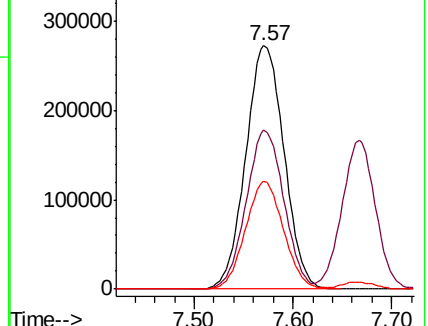
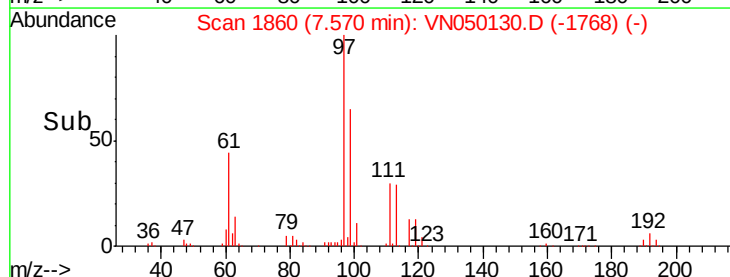
61 43.8 35.4 53.0

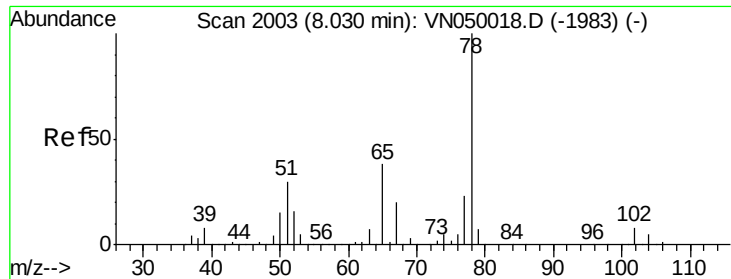


Abundance Ion 96.90 (96.60 to 97.60): VN050018.D (-1838) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1838) (-)

Ion 60.90 (60.60 to 61.60): VN050018.D (-1838) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.22 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

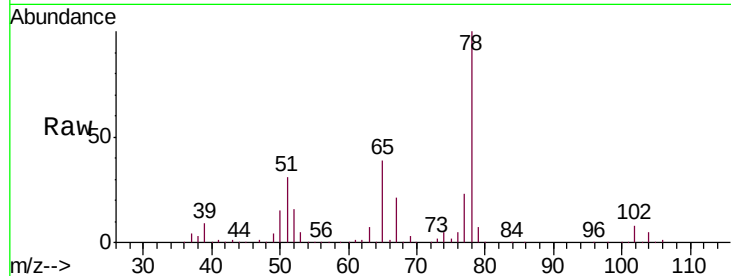
VSTDCCC050

Tot Ion: 65 Resp: 528459

Ion Ratio Lower Upper

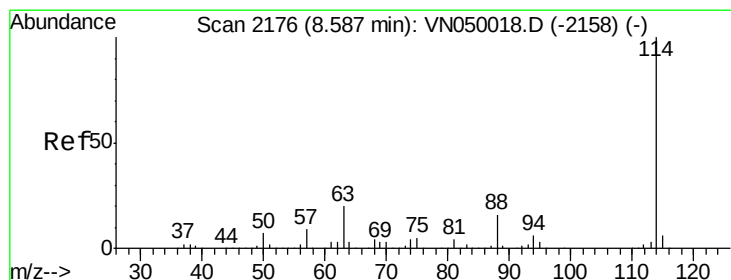
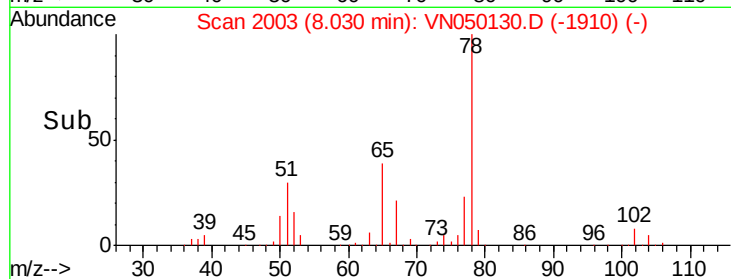
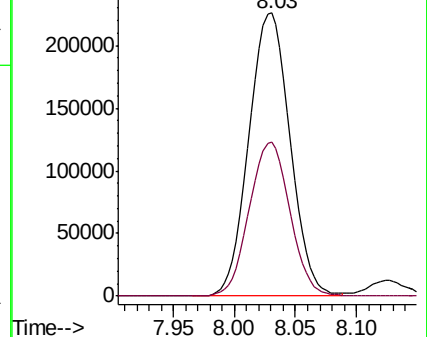
65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050130.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN050130.D (-1910) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

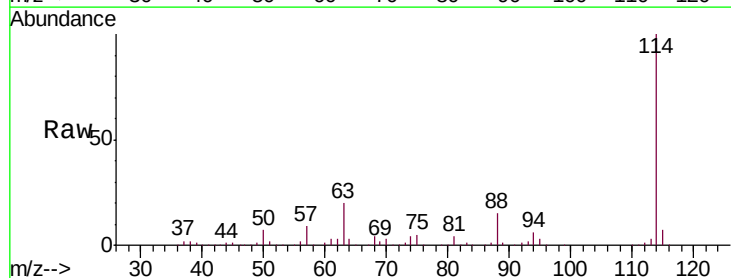
Tgt Ion: 114 Resp: 1129378

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

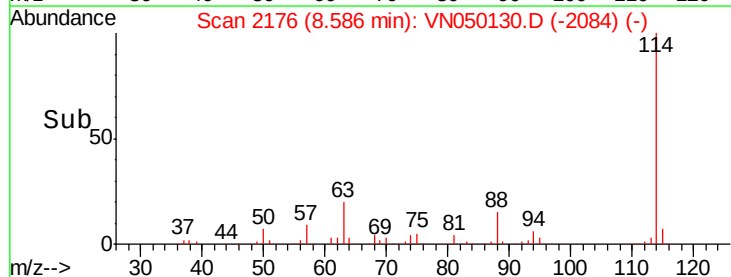
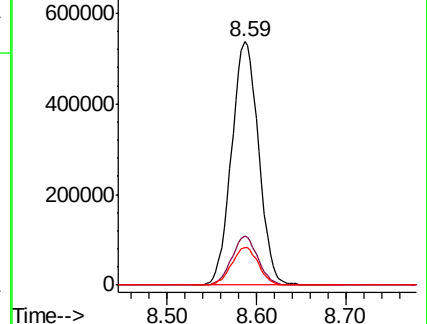
88 15.4 0.0 31.2

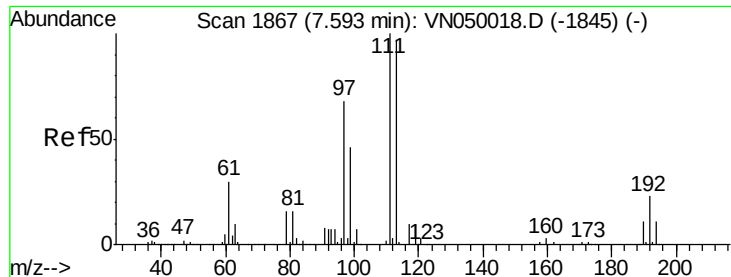


Abundance Ion 113.90 (113.60 to 114.60): VN050130.D (-2084) (-)

Ion 63.00 (62.70 to 63.70): VN050130.D (-2084) (-)

Ion 87.90 (87.60 to 88.60): VN050130.D (-2084) (-)

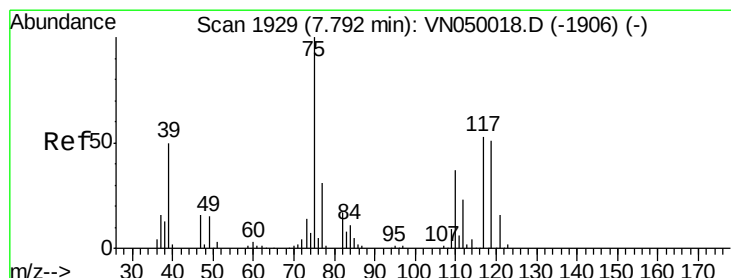
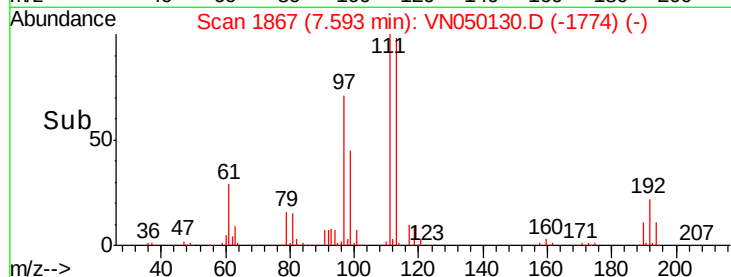
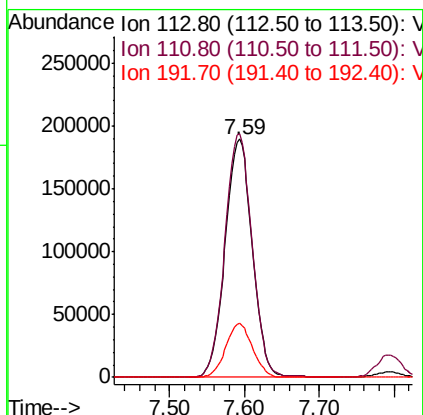
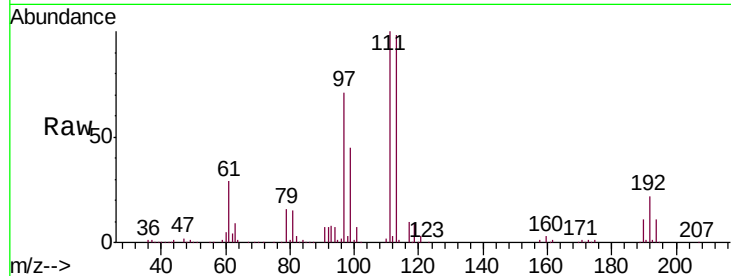




#35
 Dibromofluoromethane
 Concen: 51.80 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

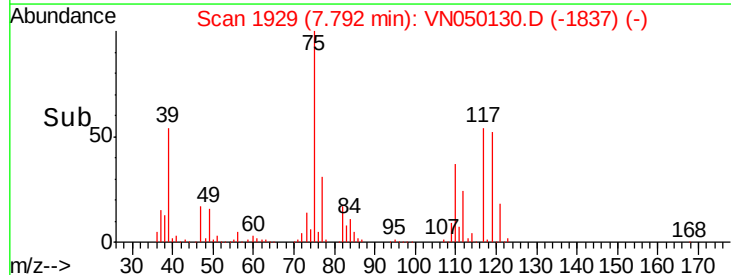
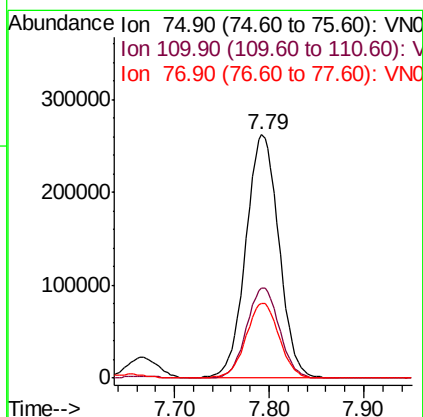
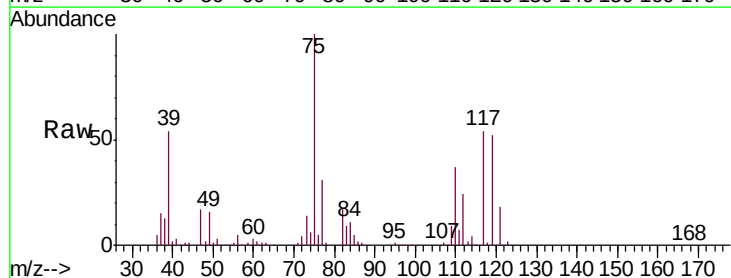
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

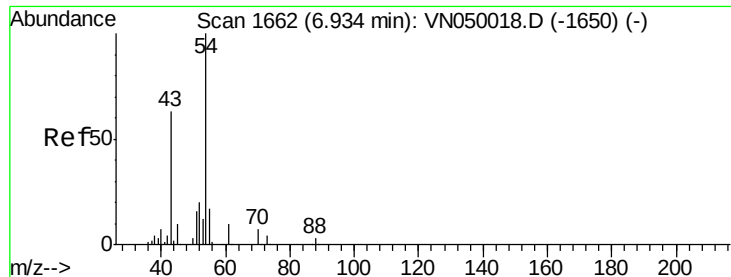
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	22.3	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 49.88 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.4	55.2
77	31.1	25.3	37.9

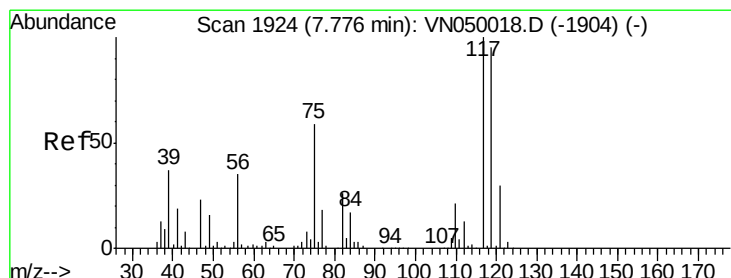
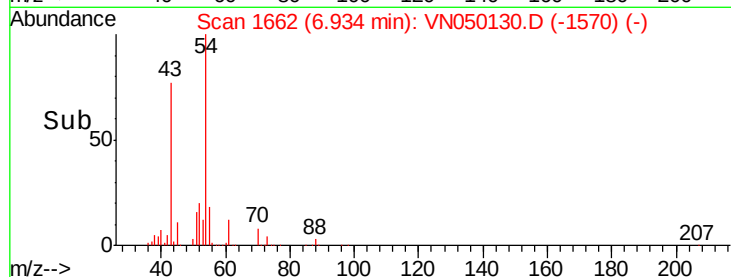
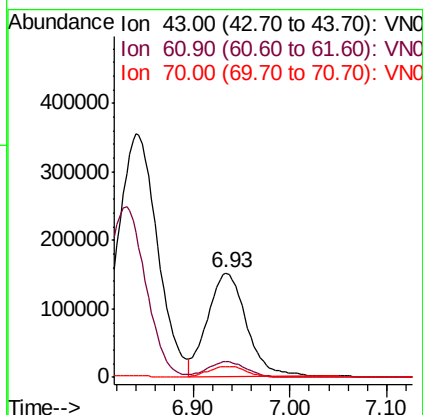
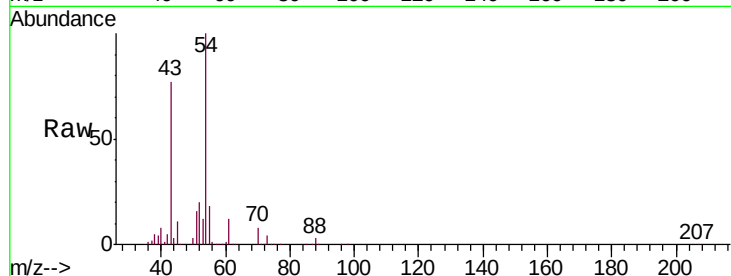




#37
Ethyl Acetate
Concen: 47.78 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

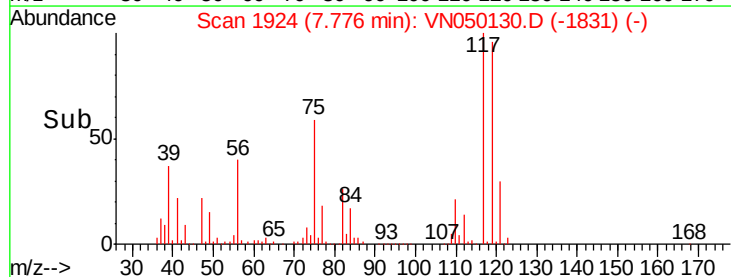
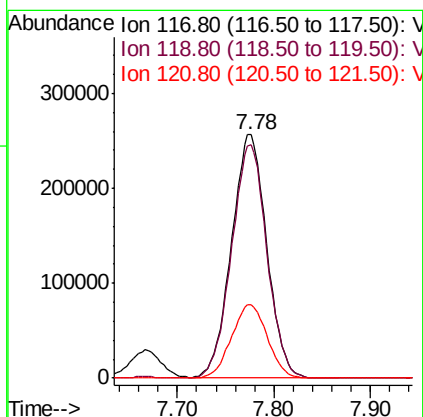
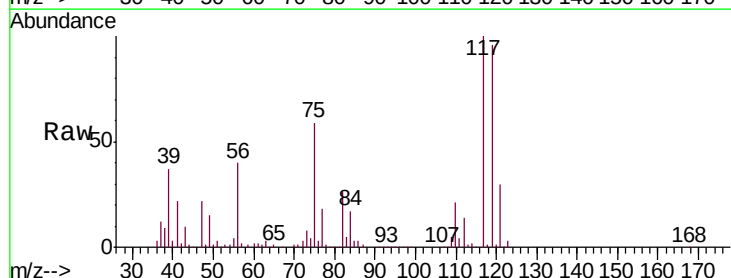
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

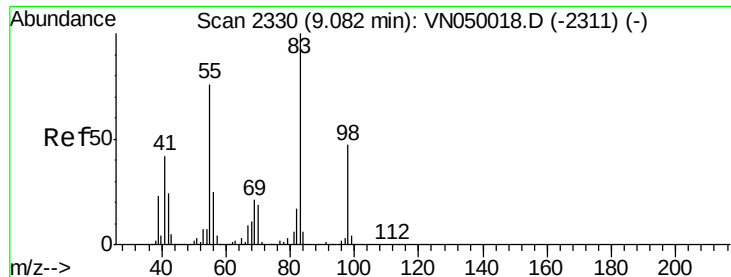
Tot Ion: 43 Resp: 423899
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 48.09 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 117 Resp: 649226
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
121 30.4 23.9 35.9

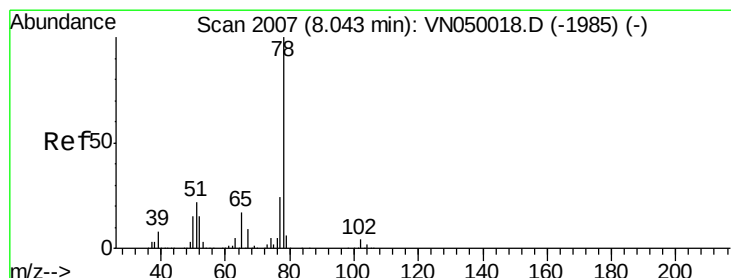
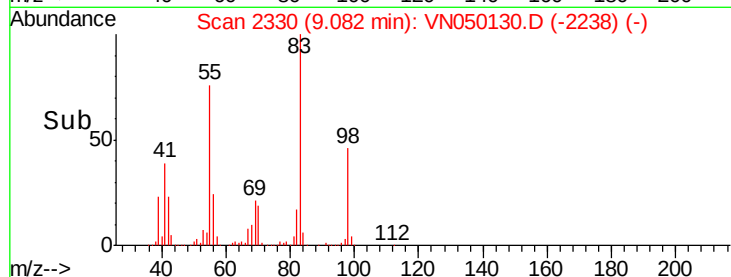
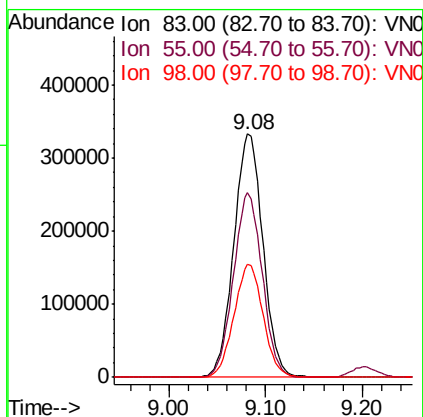
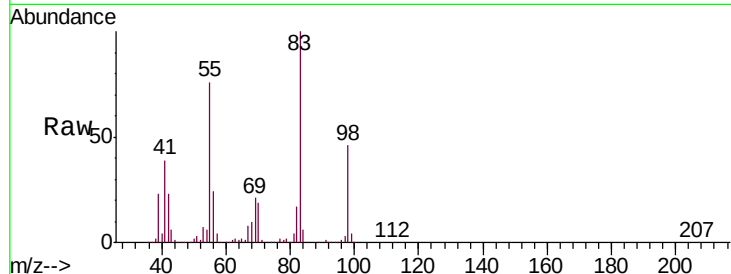




#39
Methylvlcyclohexane
Concen: 53.21 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

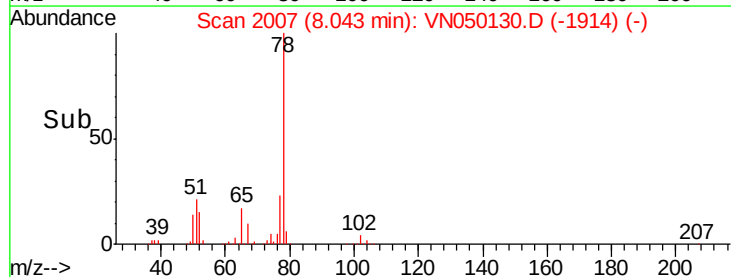
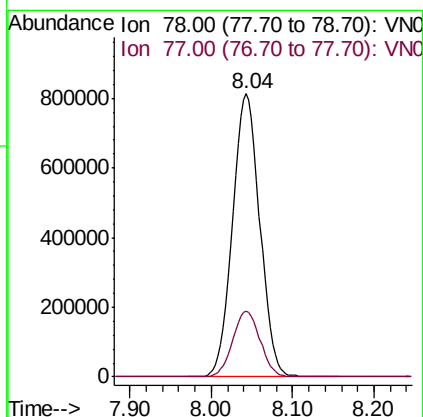
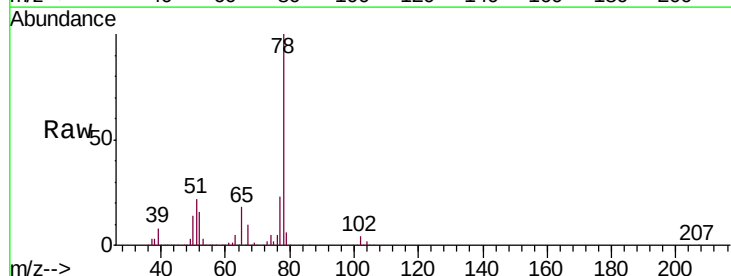
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

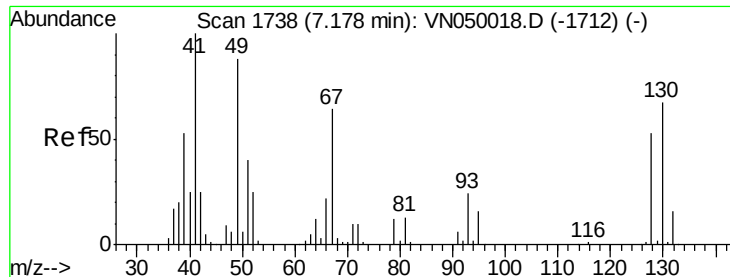
Tot Ion: 83 Resp: 696460
Ion Ratio Lower Upper
83 100
55 76.1 61.8 92.8
98 46.5 36.5 54.7



#40
Benzene
Concen: 48.93 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 78 Resp: 1894683
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

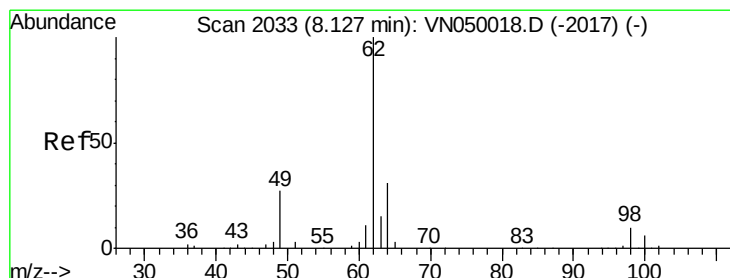
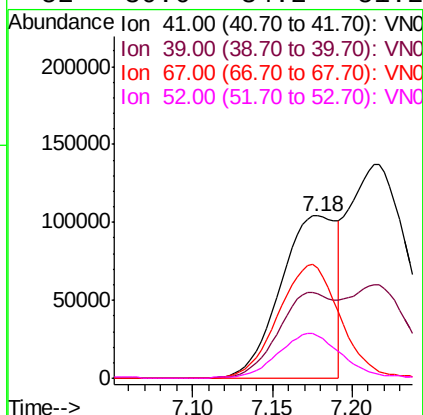
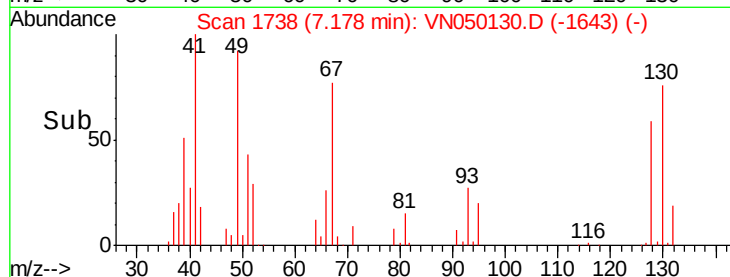
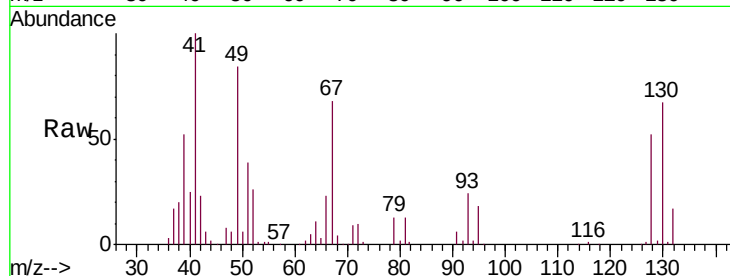




#41
Methacrylonitrile
Concen: 55.05 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

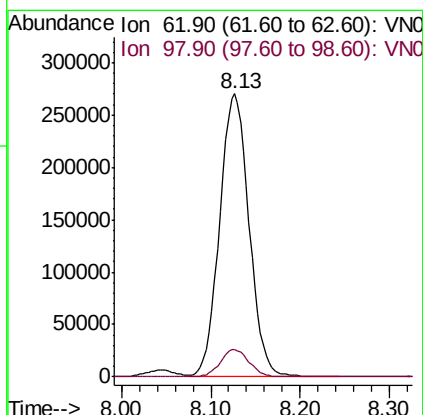
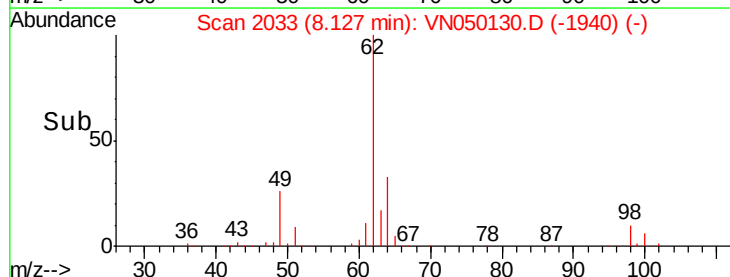
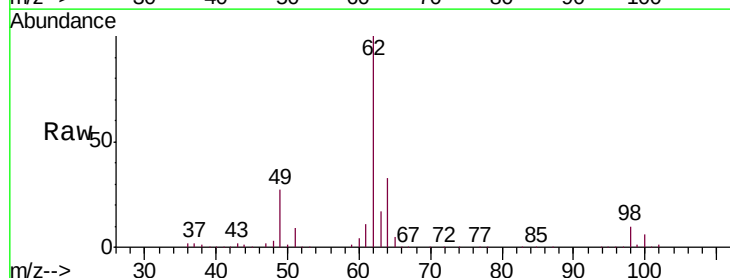
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

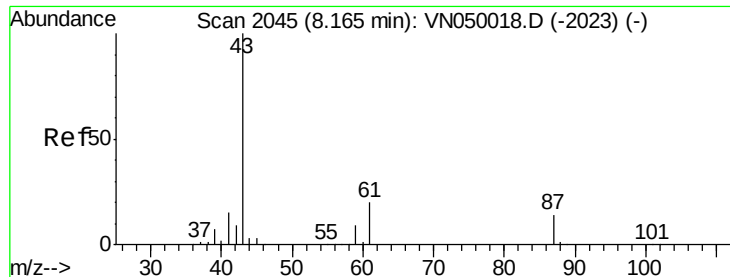
Tot Ion: 41 Resp: 255695
Ion Ratio Lower Upper
41 100
39 49.0 55.8 83.6#
67 77.2 84.3 126.5#
52 30.6 34.2 51.2#



#42
1,2-Dichloroethane
Concen: 47.61 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 62 Resp: 614976
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8





#43

Isopropyl Acetate

Concen: 47.78 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

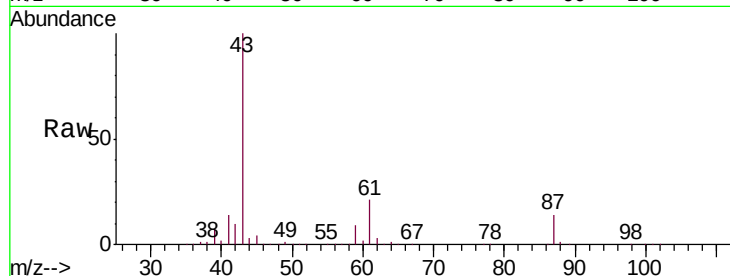
Tot Ion: 43 Resp: 799647

Ion Ratio Lower Upper

43 100

61 27.7 15.8 23.6#

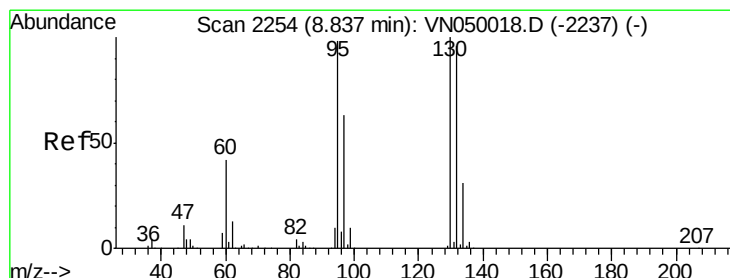
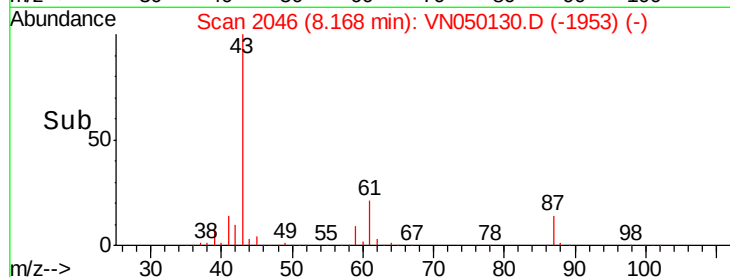
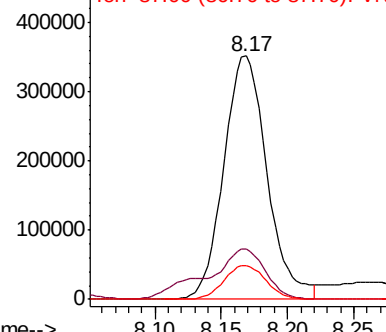
87 13.5 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2023) (-)

Ion 61.00 (60.70 to 61.70): VN050018.D (-2023) (-)

Ion 87.00 (86.70 to 87.70): VN050018.D (-2023) (-)



#44

Trichloroethene

Concen: 48.50 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050130.D

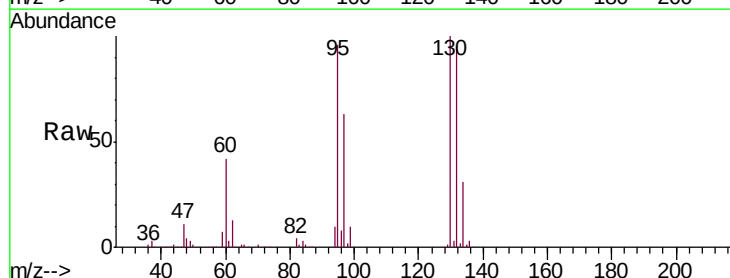
Acq: 27 Jul 2018 15:08

Tgt Ion:130 Resp: 504616

Ion Ratio Lower Upper

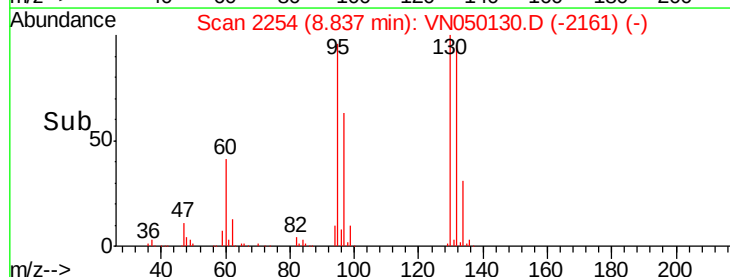
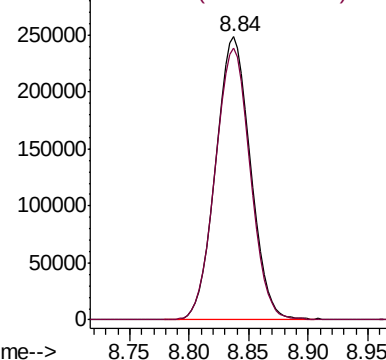
130 100

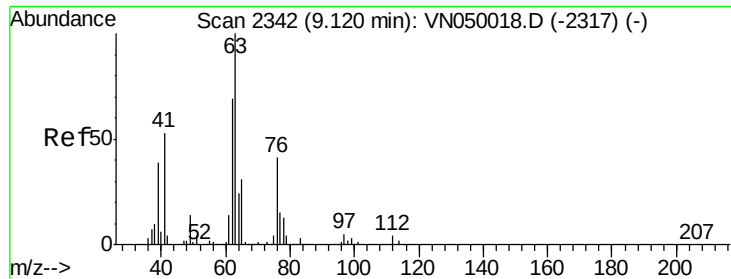
95 96.1 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050018.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050018.D (-2237) (-)





#45

1,2-Dichloropropane

Concen: 48.14 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

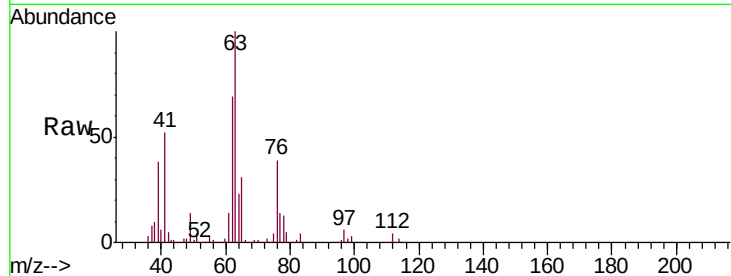
VSTDCCC050

Tot Ion: 63 Resp: 493673

Ion Ratio Lower Upper

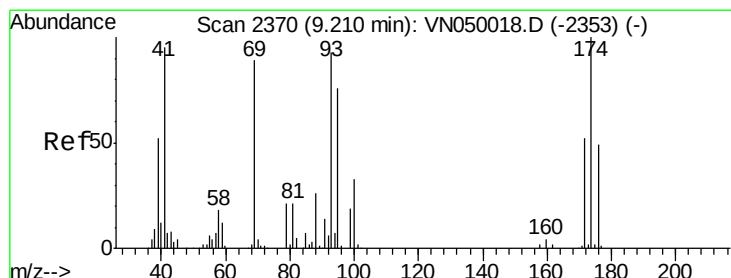
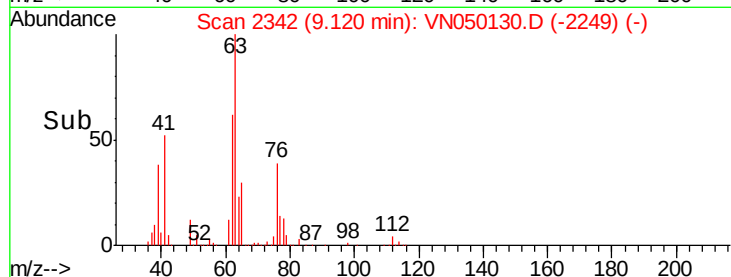
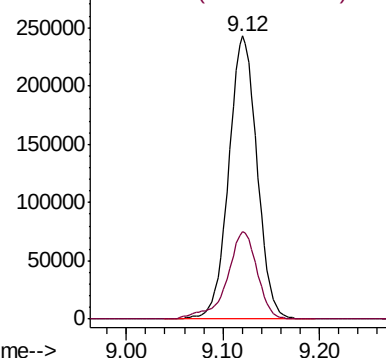
63 100

65 31.0 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.48 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

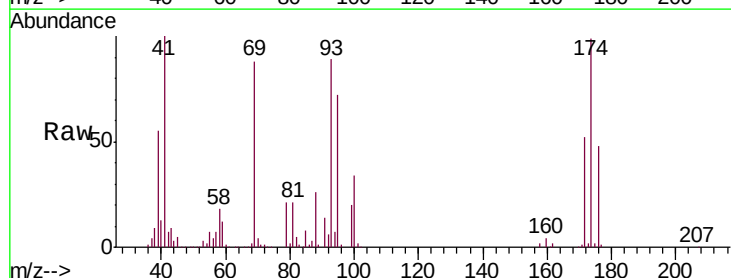
Tgt Ion: 93 Resp: 308738

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

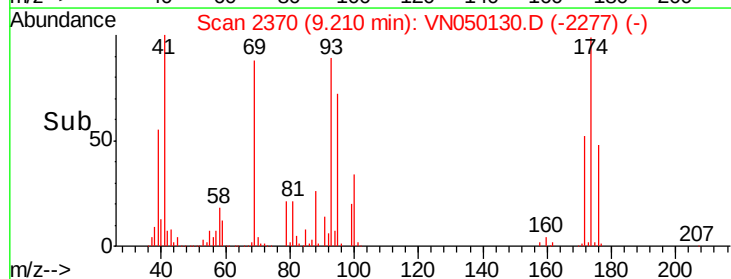
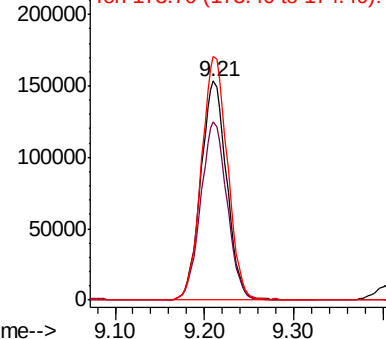
174 111.6 87.1 130.7

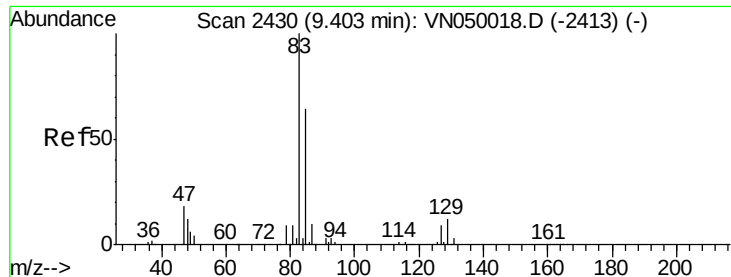


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

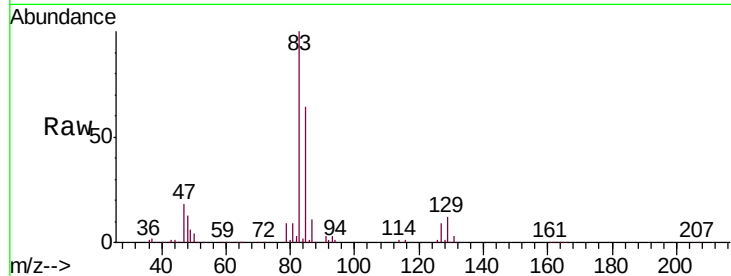




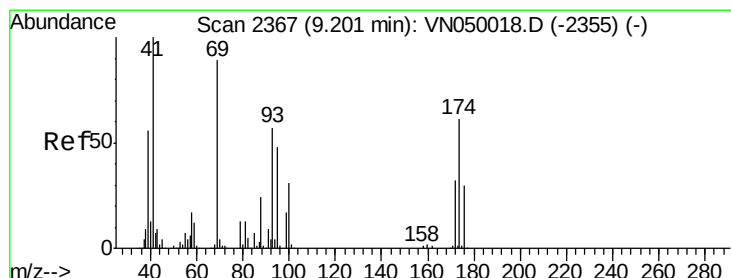
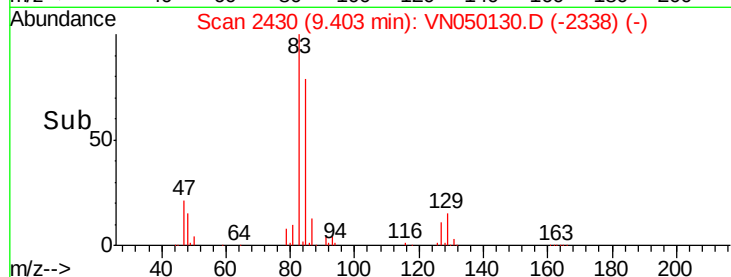
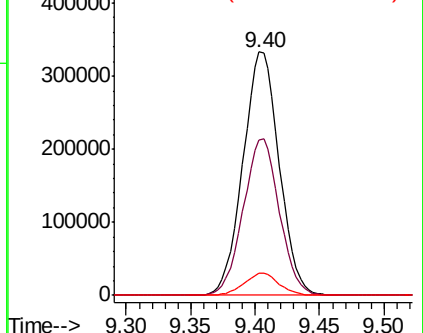
#47
Bromodichloromethane
Concen: 48.51 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 651968
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.9 7.0 10.4

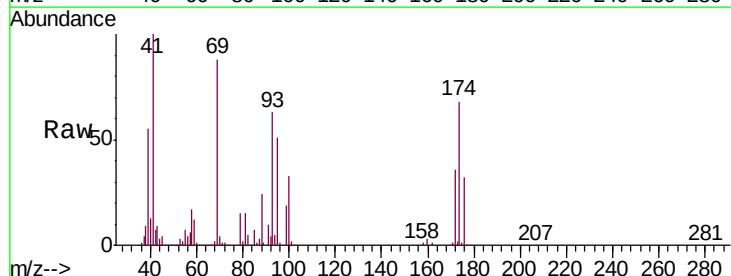


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

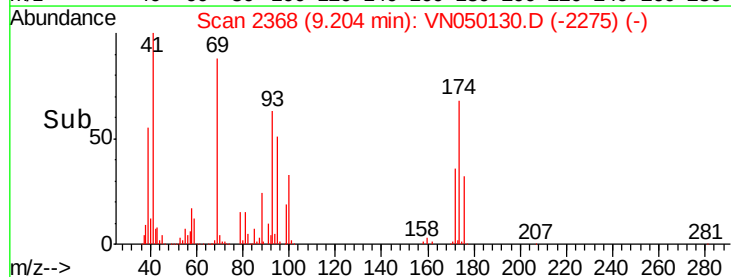
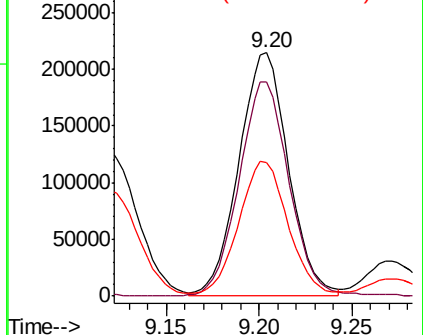


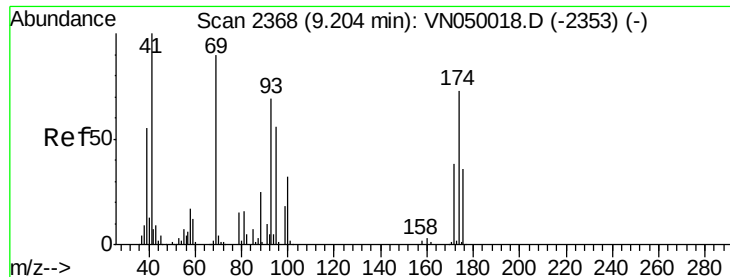
#48
Methyl methacrylate
Concen: 51.97 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 41 Resp: 397079
Ion Ratio Lower Upper
41 100
69 90.0 70.6 105.8
39 55.6 43.9 65.9



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

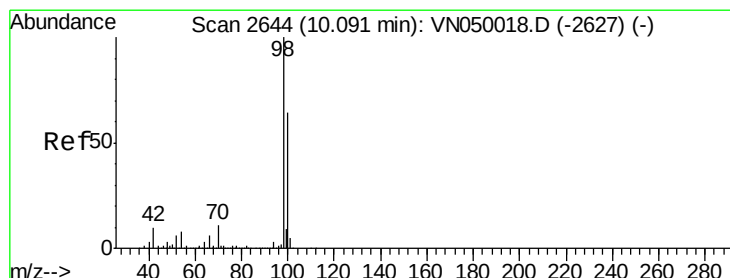
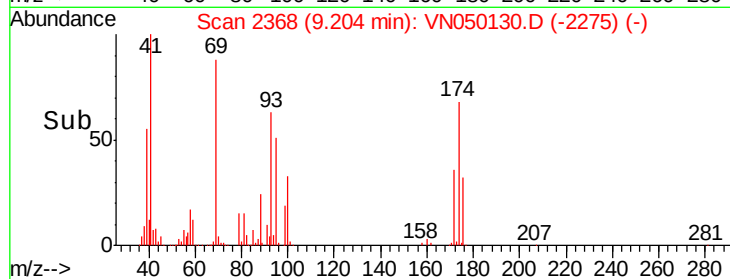
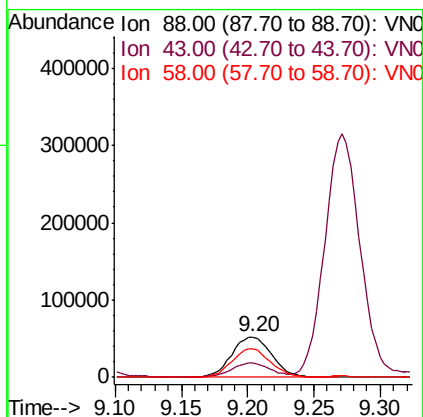
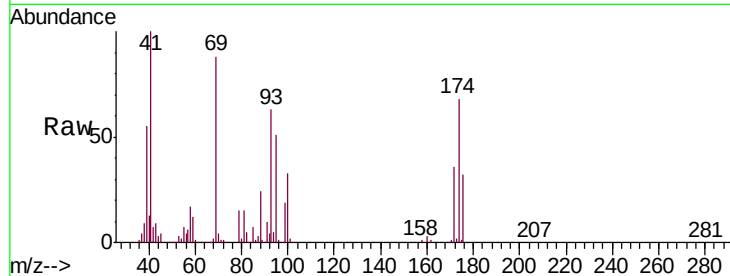




#49
1,4-Dioxane
Concen: 1060.42 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

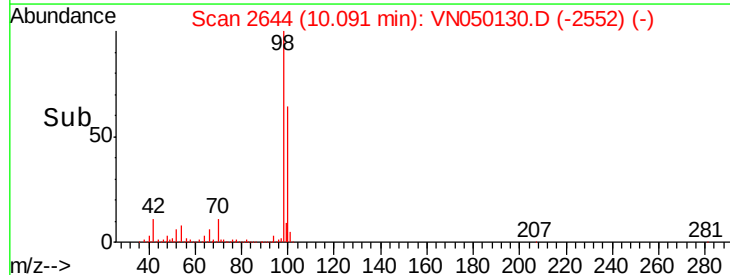
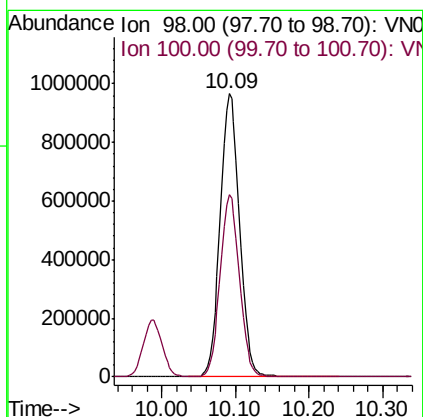
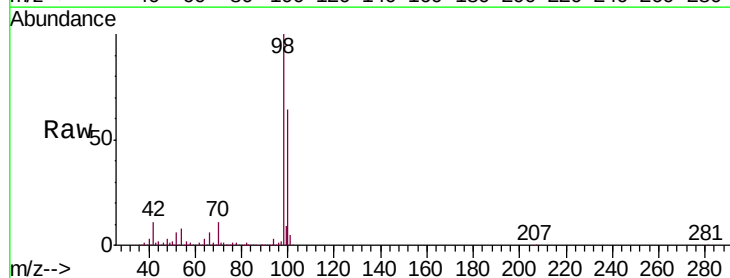
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

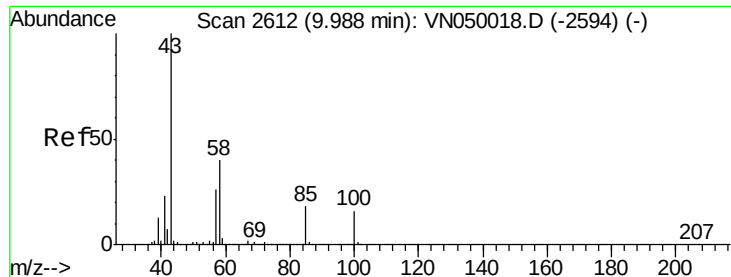
Tot Ion: 88 Resp: 110257
Ion Ratio Lower Upper
88 100
43 31.9 26.9 40.3
58 67.9 57.3 85.9



#50
Toluene-d8
Concen: 52.18 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 98 Resp: 1768861
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1

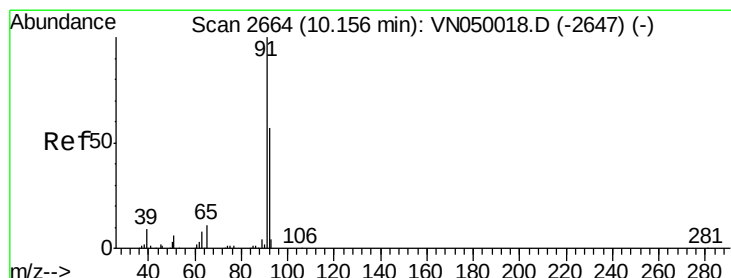
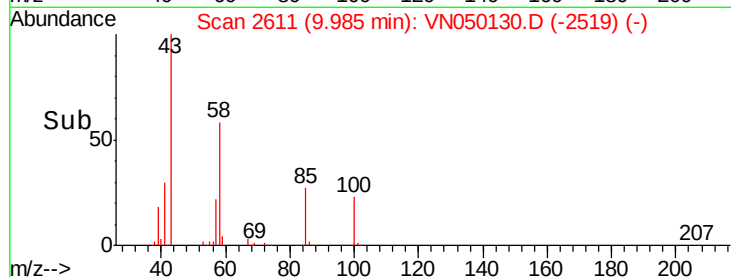
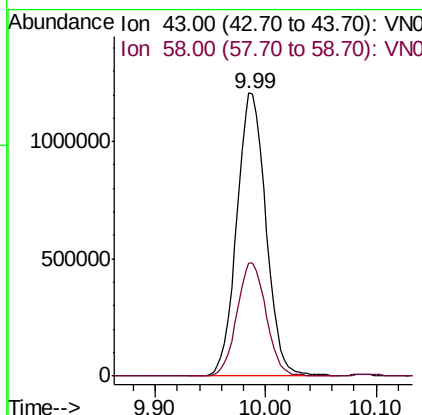
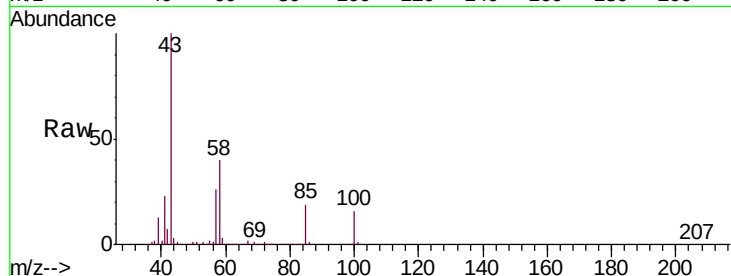




#51
4-Methyl-2-Pentanone
Concen: 253.47 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

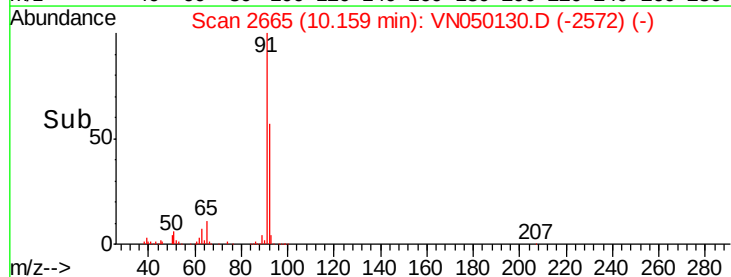
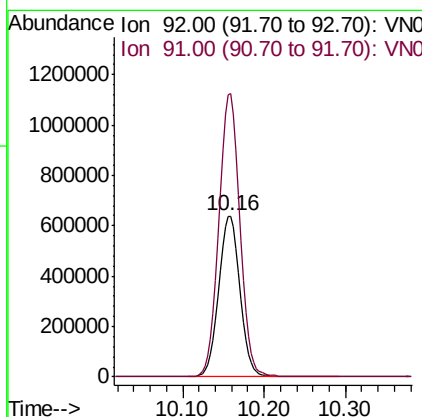
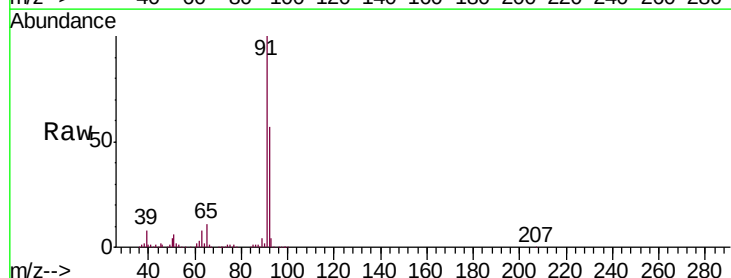
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

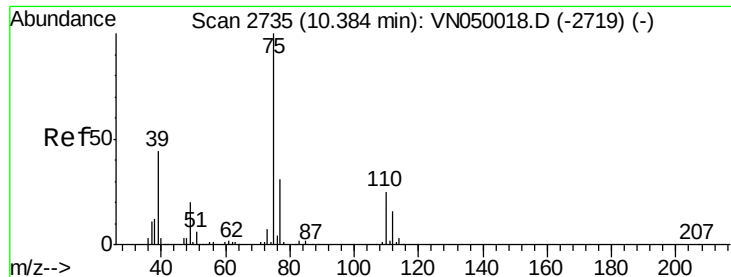
Tot Ion: 43 Resp: 2210525
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9



#52
Toluene
Concen: 51.94 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 92 Resp: 1187014
Ion Ratio Lower Upper
92 100
91 174.4 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 53.15 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

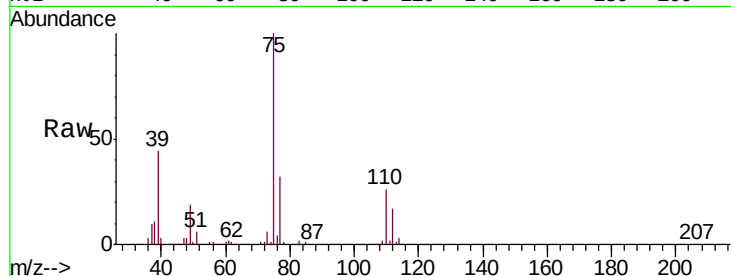
VSTDCCC050

Tot Ion: 75 Resp: 674094

Ion Ratio Lower Upper

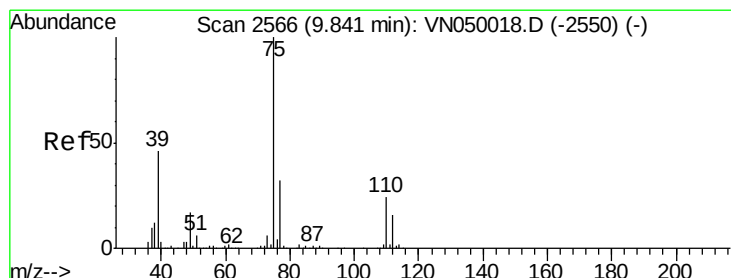
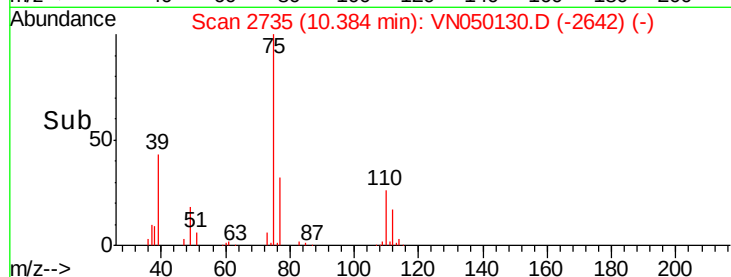
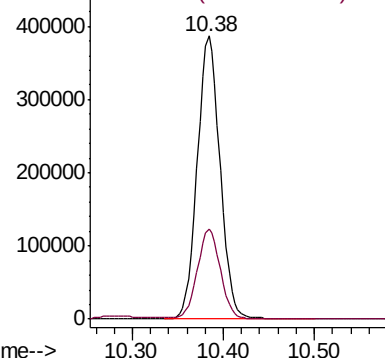
75 100

77 31.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.08 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

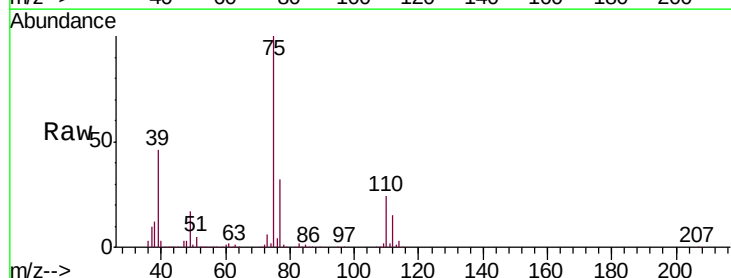
Tgt Ion: 75 Resp: 754896

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

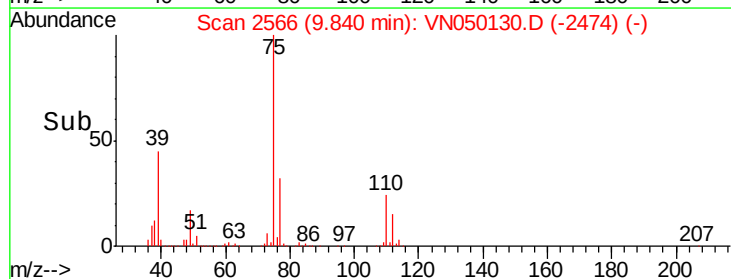
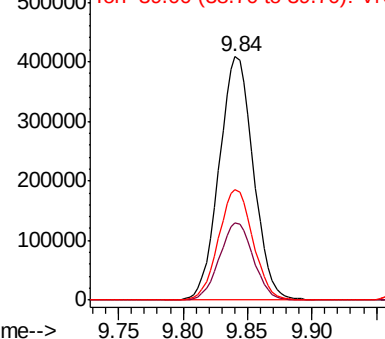
39 45.5 36.6 55.0

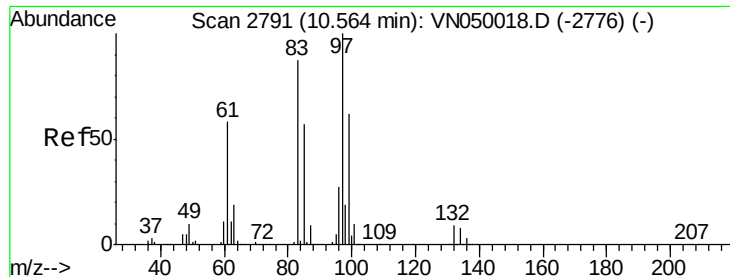


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 48.93 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 443580

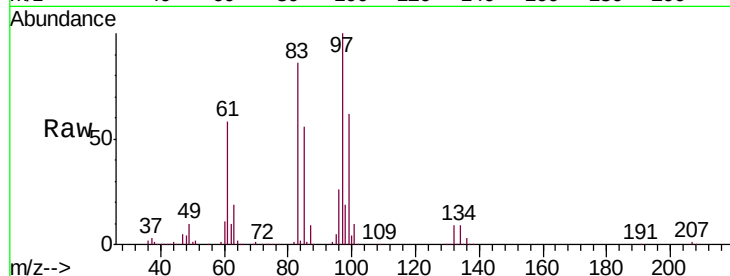
Ion Ratio Lower Upper

97 100

83 85.7 69.2 103.8

85 56.1 44.0 66.0

99 62.2 49.9 74.9

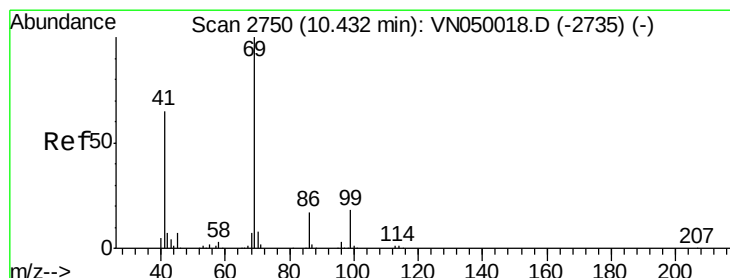
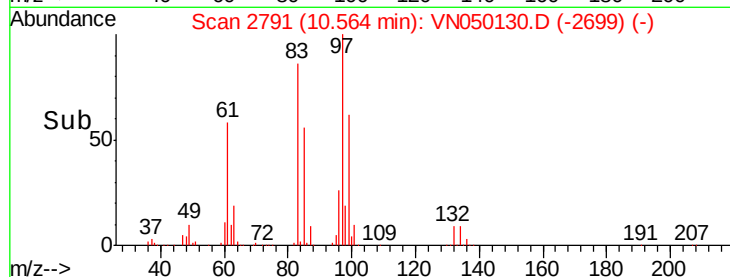
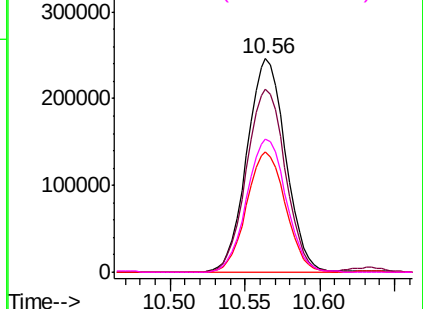


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 48.33 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

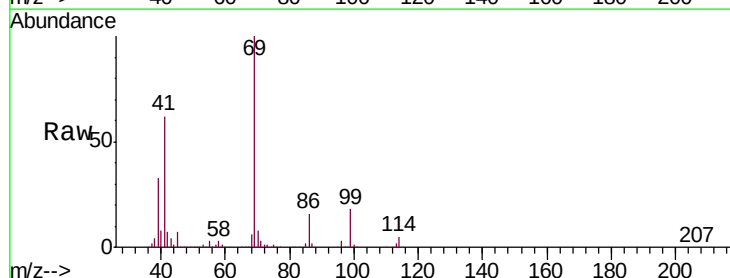
Tgt Ion: 69 Resp: 592619

Ion Ratio Lower Upper

69 100

41 62.5 51.0 76.4

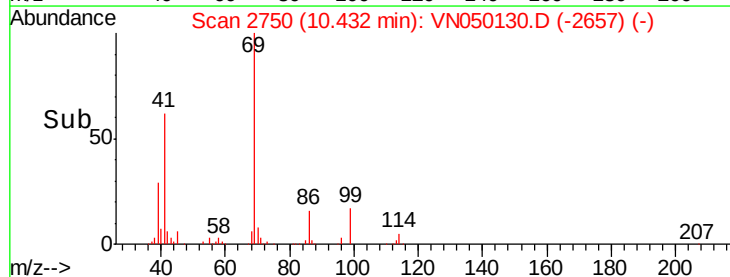
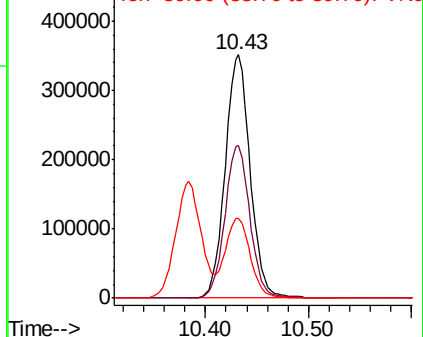
39 33.0 26.6 40.0

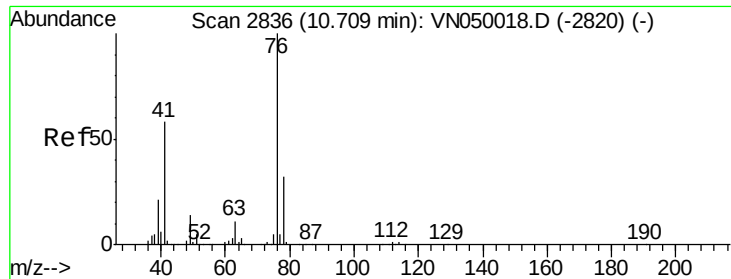


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 50.27 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

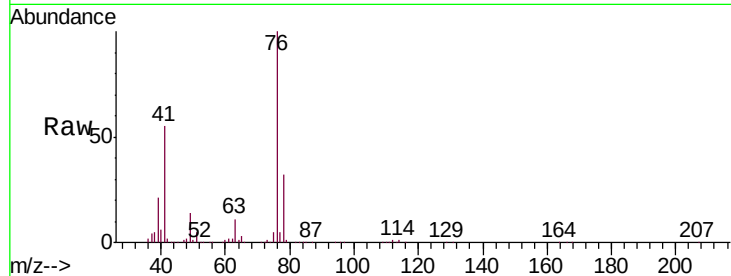
VSTDCCC050

Tot Ion: 76 Resp: 742131

Ion Ratio Lower Upper

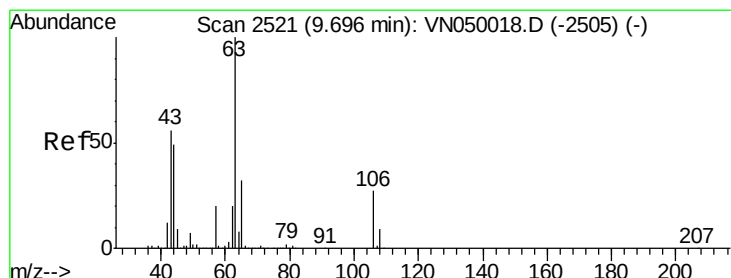
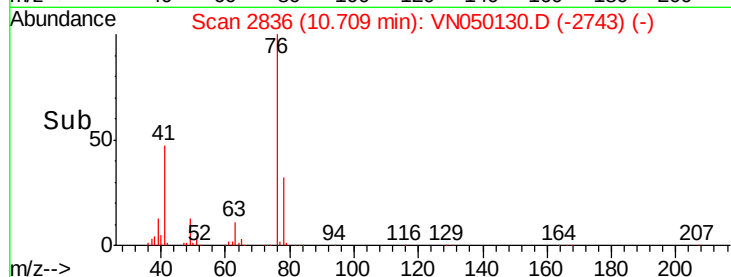
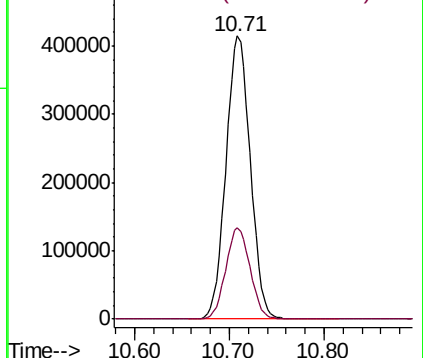
76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 243.50 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050130.D

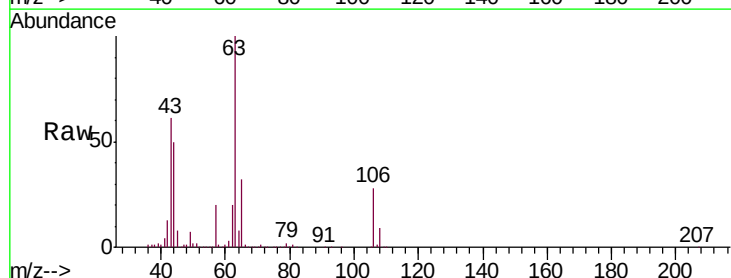
Acq: 27 Jul 2018 15:08

Tgt Ion: 63 Resp: 1395738

Ion Ratio Lower Upper

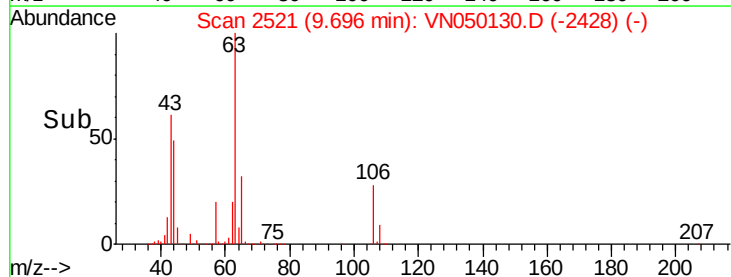
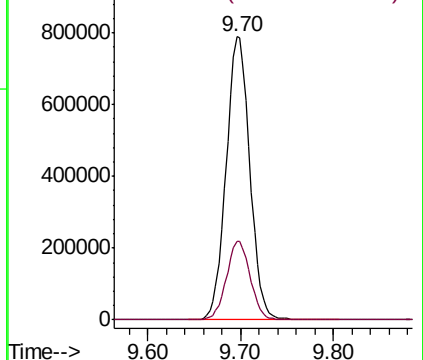
63 100

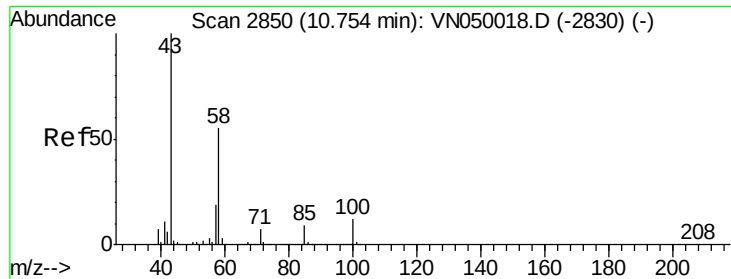
106 27.8 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

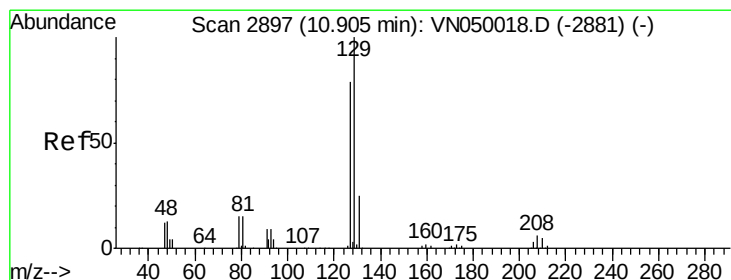
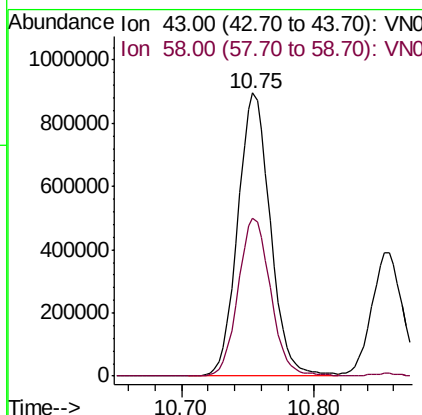
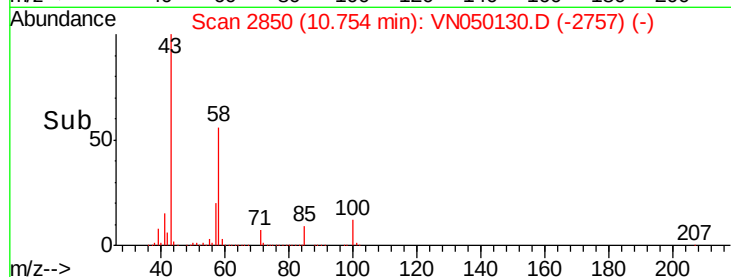
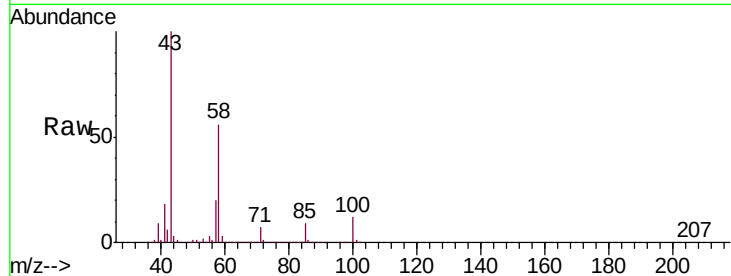




#59
2-Hexanone
Concen: 238.03 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

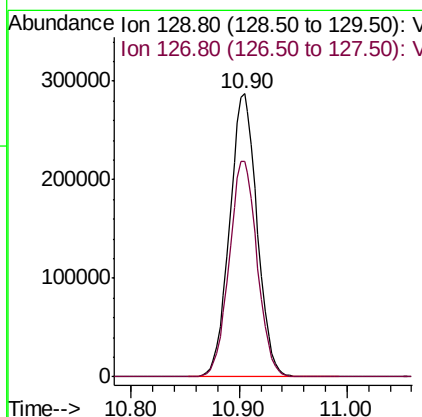
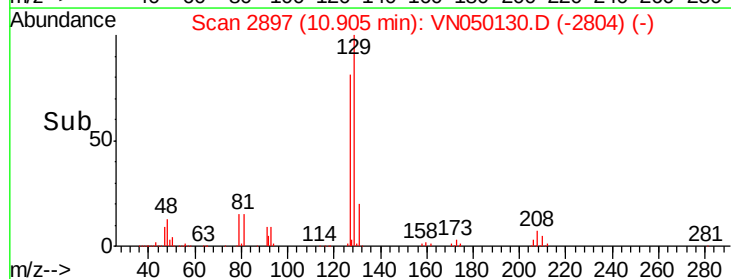
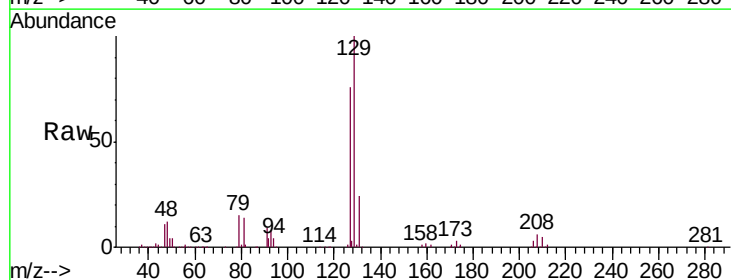
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

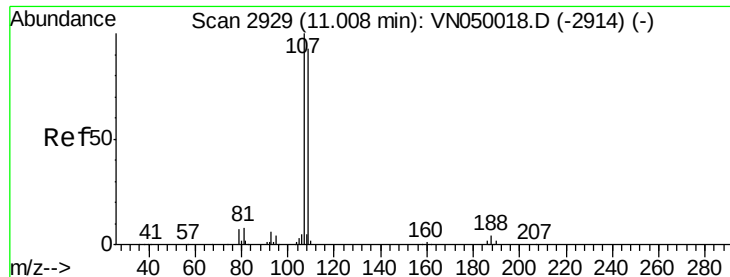
Tot Ion: 43 Resp: 1523701
Ion Ratio Lower Upper
43 100
58 55.9 27.6 82.7



#60
Dibromochloromethane
Concen: 50.82 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 129 Resp: 510035
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9





#61

1,2-Dibromoethane

Concen: 49.89 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampled :

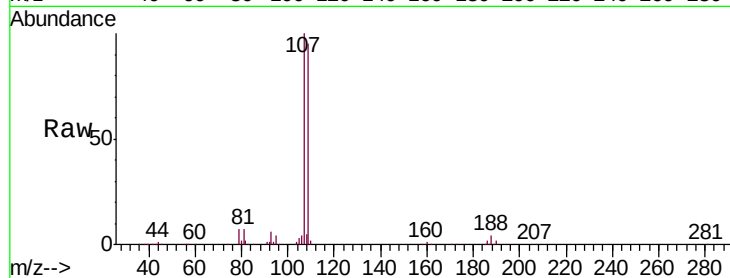
VSTDCCC050

Tot Ion:107 Resp: 448759

Ion Ratio Lower Upper

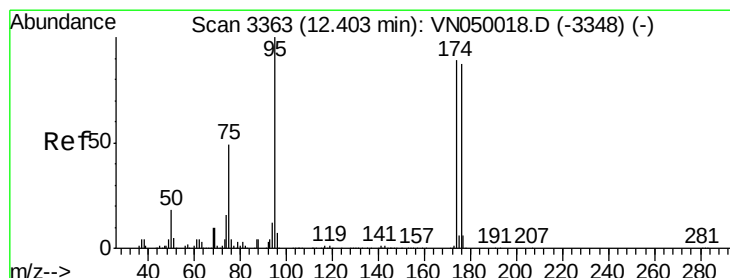
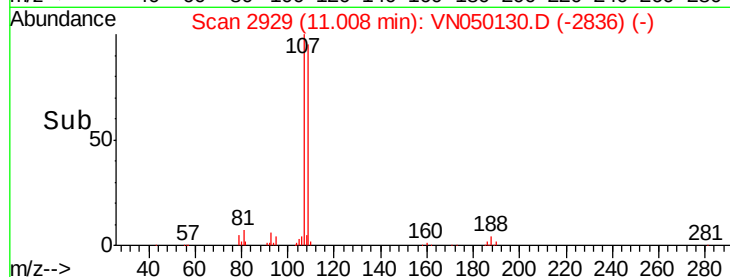
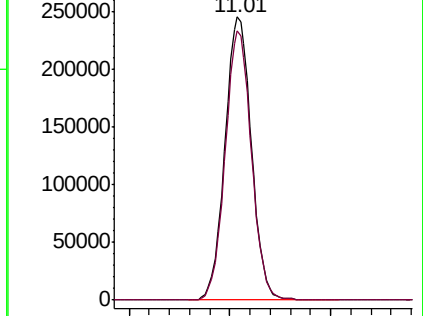
107 100

109 94.4 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

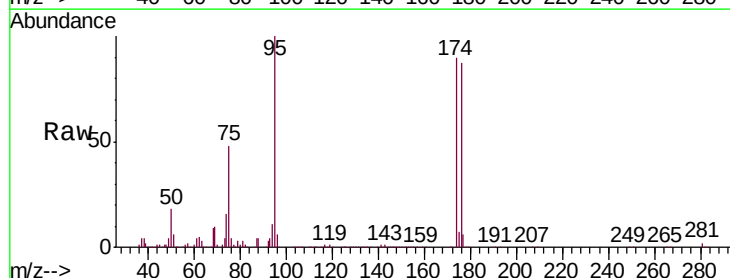
Tgt Ion: 95 Resp: 616750

Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.2

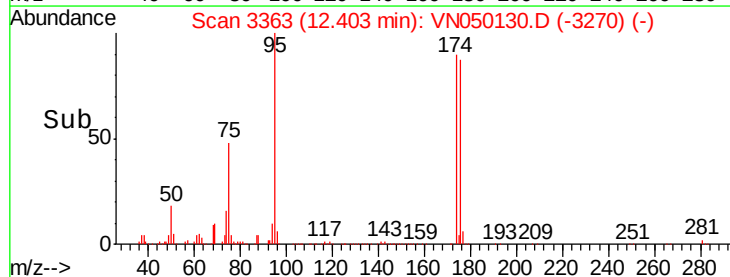
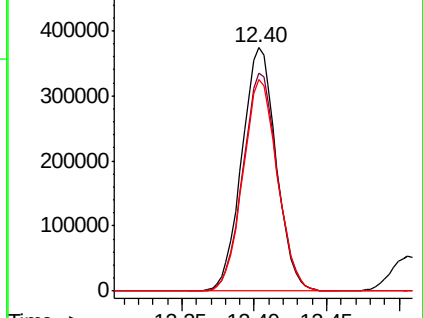
176 87.2 0.0 173.4

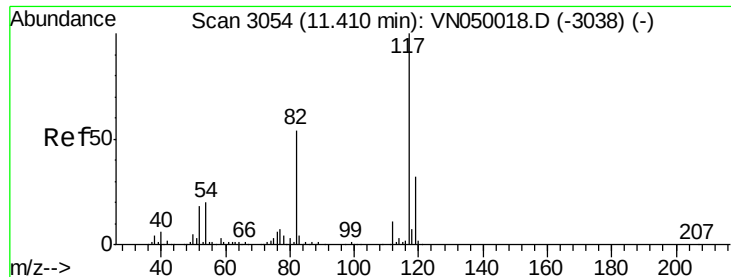


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

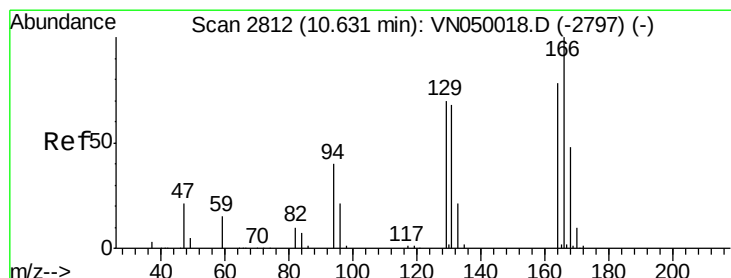
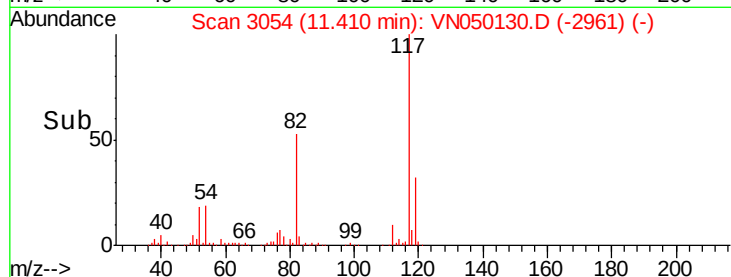
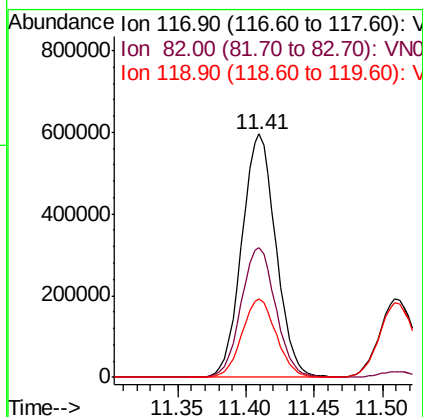
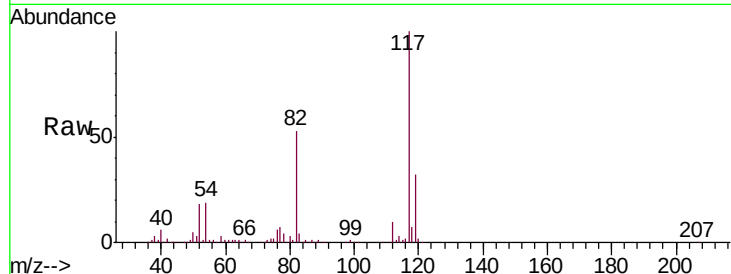




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

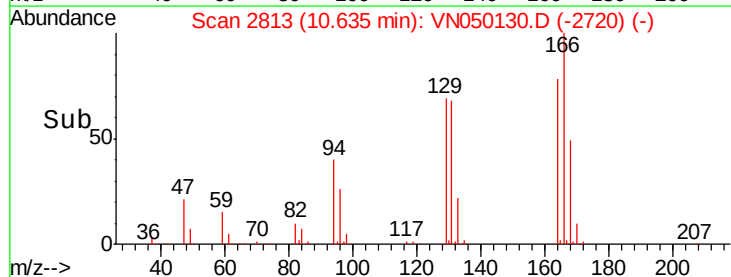
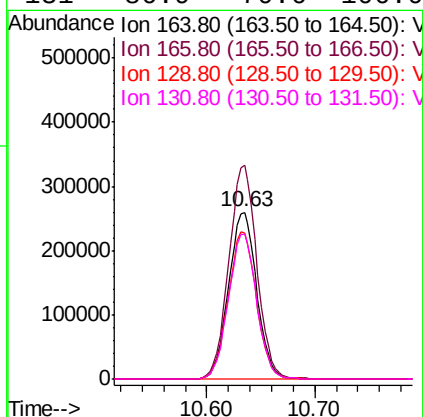
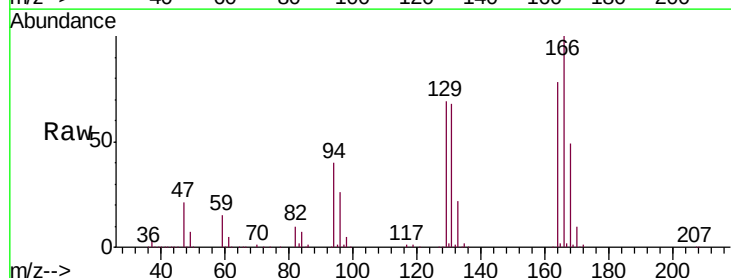
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

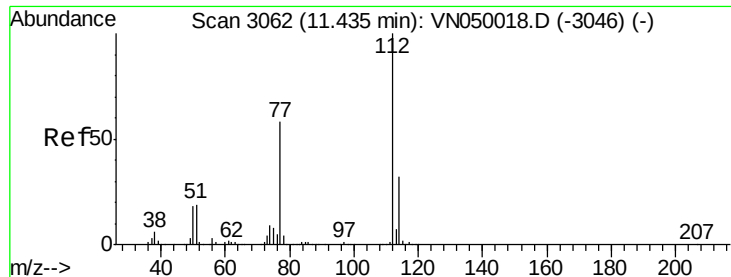
Tot Ion:117 Resp: 1033991
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 47.46 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion:164 Resp: 471841
Ion Ratio Lower Upper
164 100
166 128.0 102.1 153.1
129 87.7 73.2 109.8
131 86.9 70.6 106.0

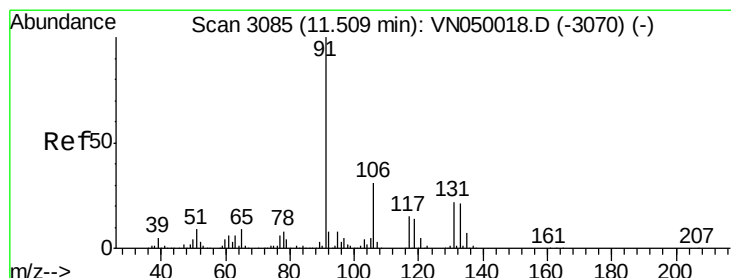
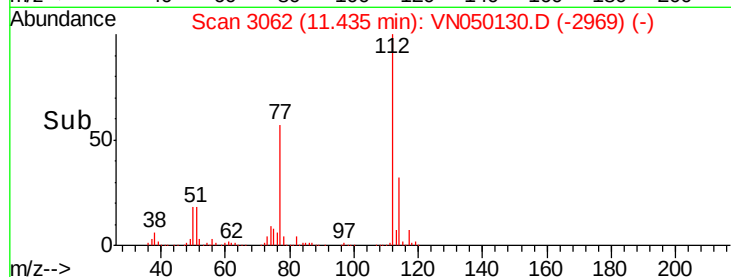
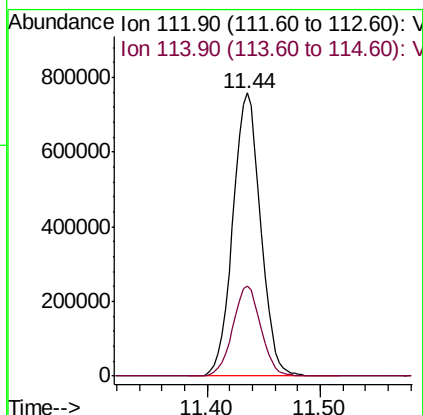
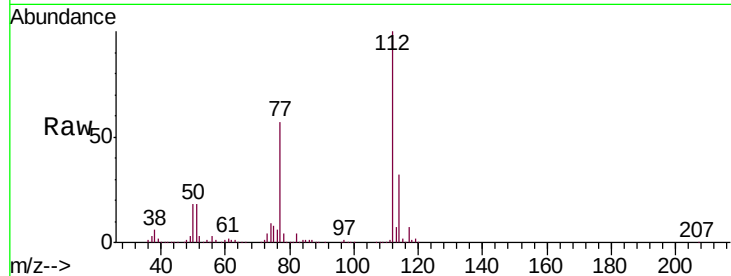




#65
Chlorobenzene
Concen: 49.61 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

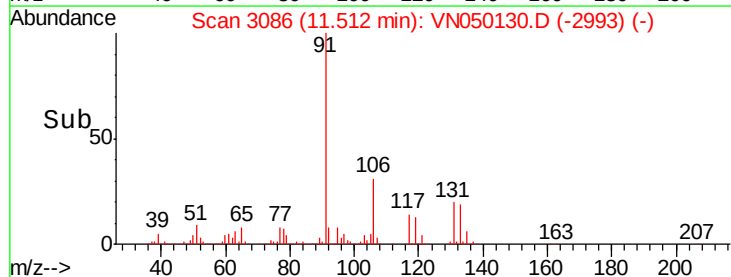
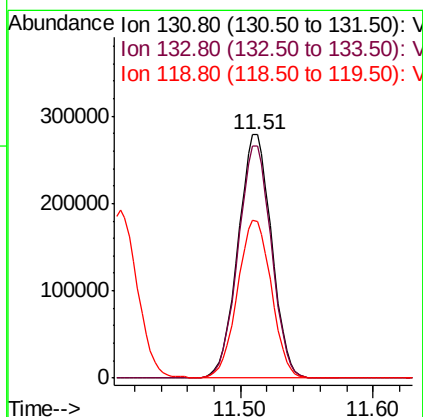
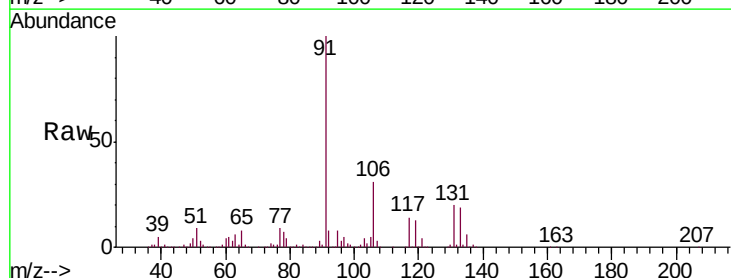
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

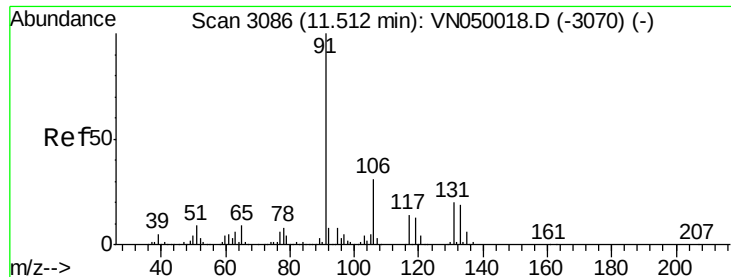
Tot Ion:112 Resp: 1295733
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.76 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion:131 Resp: 489332
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 65.5 32.9 98.7

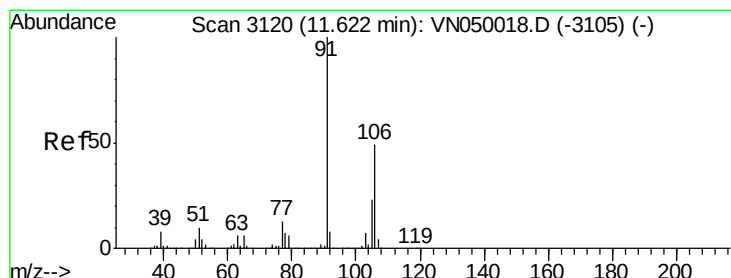
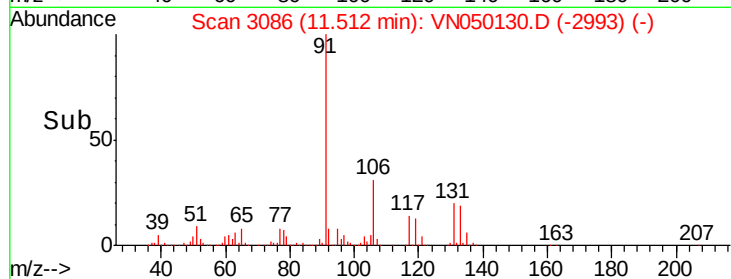
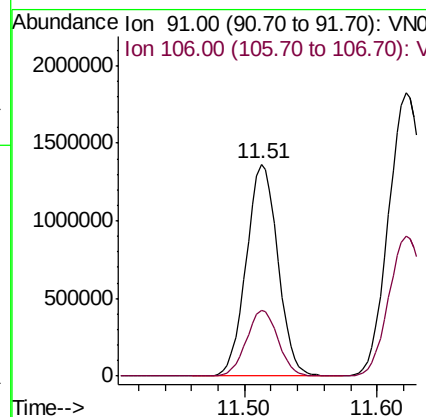
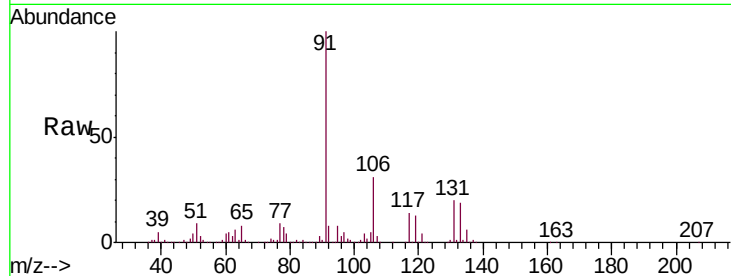




#67
Ethyl Benzene
Concen: 53.83 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

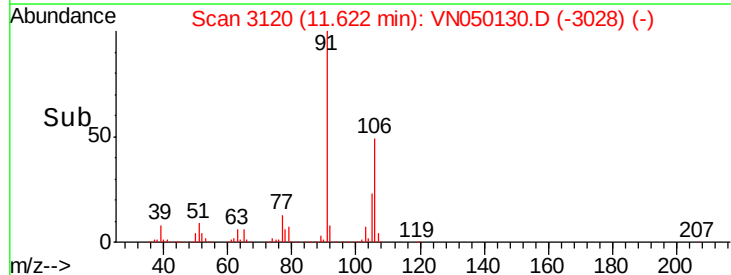
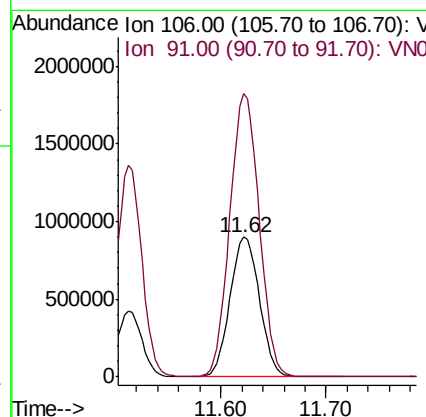
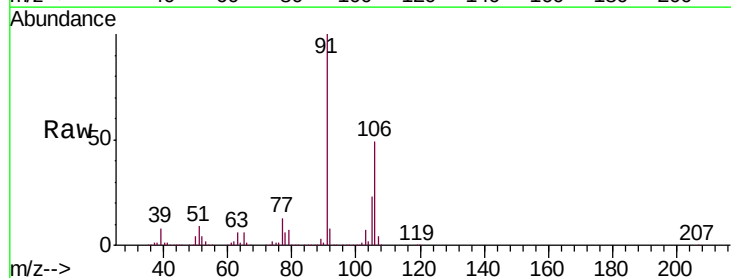
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

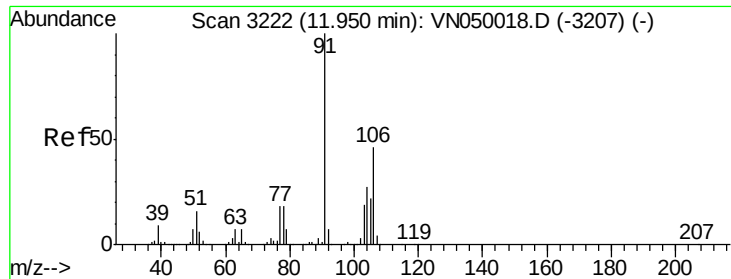
Tot Ion: 91 Resp: 2258628
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 109.40 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 106 Resp: 1736073
Ion Ratio Lower Upper
106 100
91 202.5 162.2 243.2

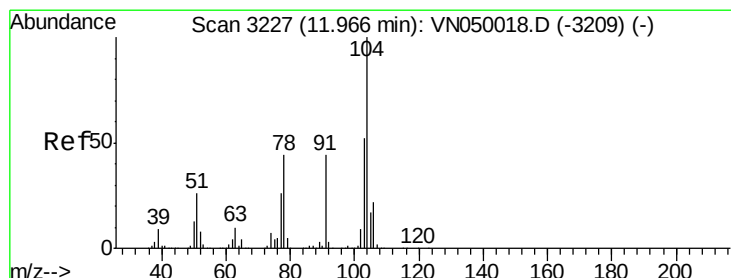
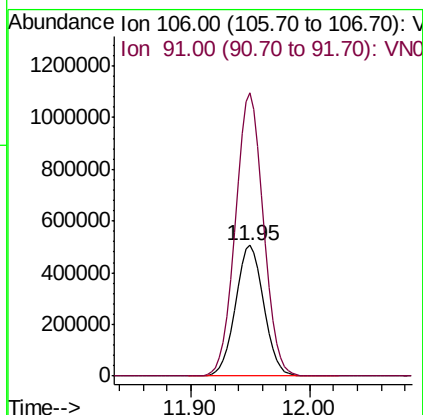
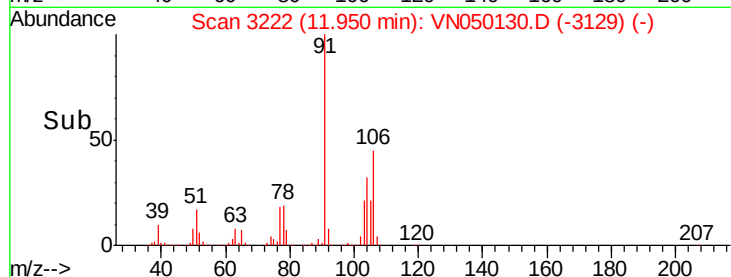
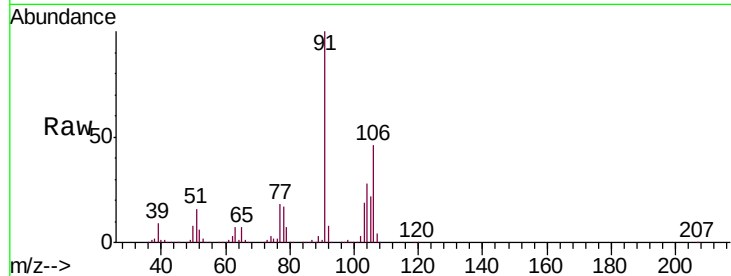




#69
o-Xylene
Concen: 55.06 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

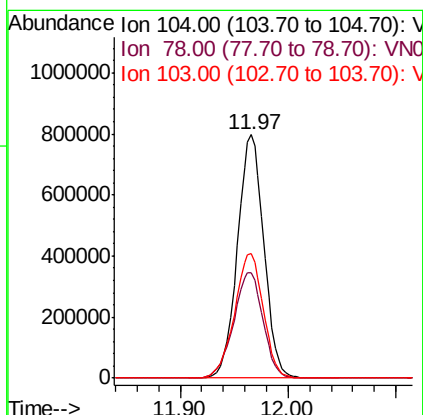
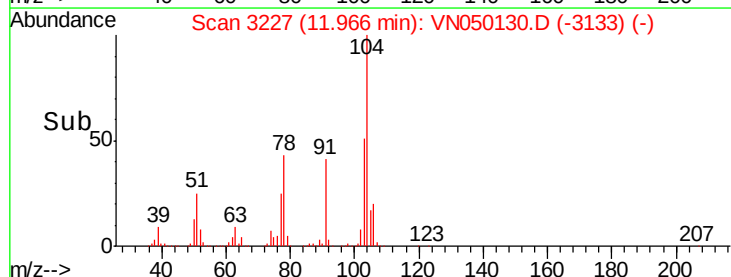
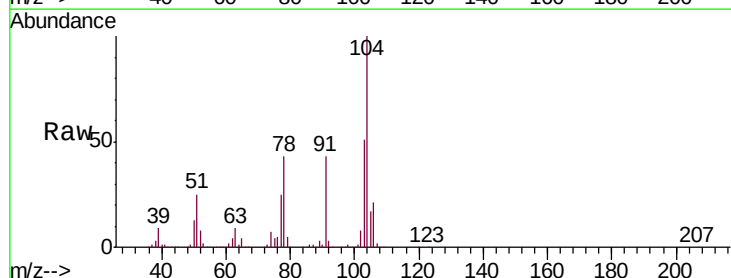
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

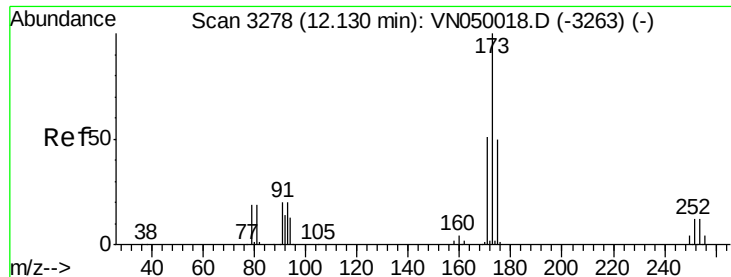
Tot Ion:106 Resp: 832886
Ion Ratio Lower Upper
106 100
91 214.3 107.7 323.1



#70
Styrene
Concen: 50.48 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion:104 Resp: 1358558
Ion Ratio Lower Upper
104 100
78 48.5 39.3 58.9
103 55.7 45.0 67.6

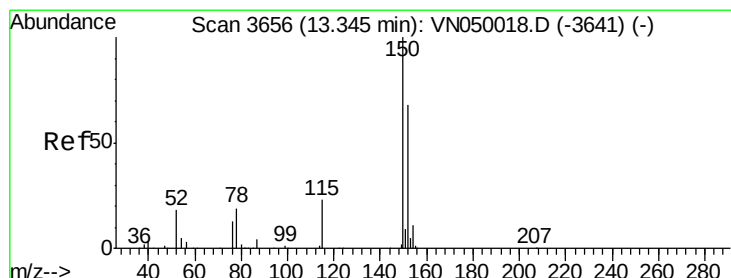
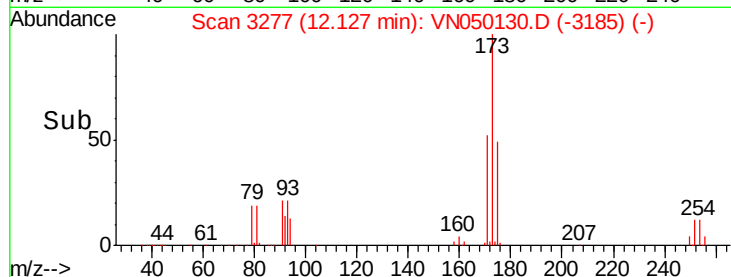
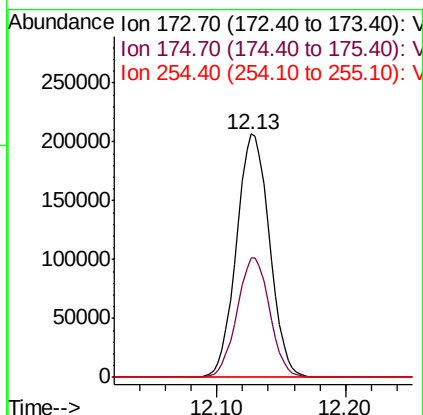
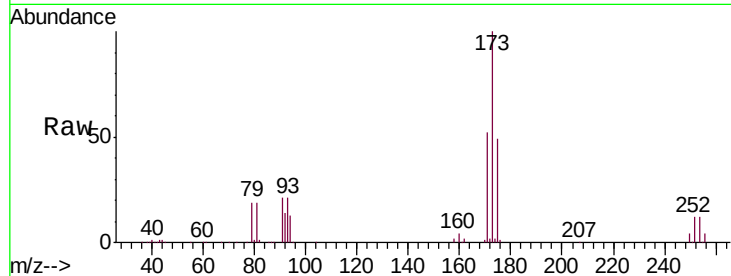




#71
Bromoform
Concen: 50.49 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

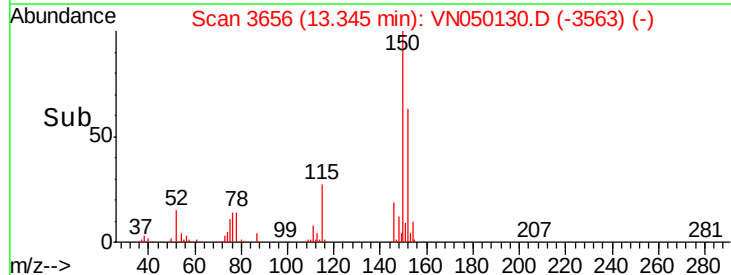
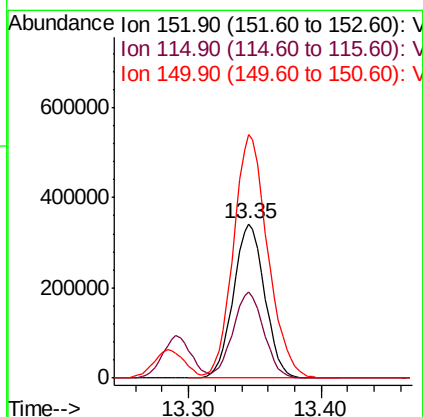
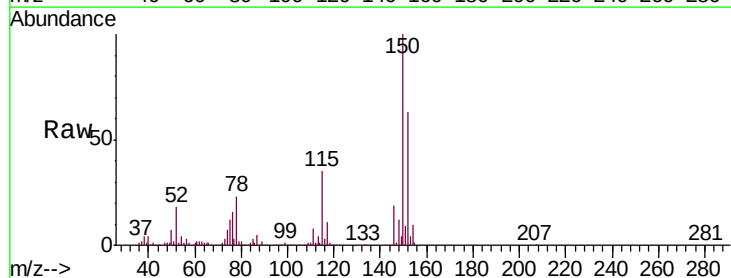
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

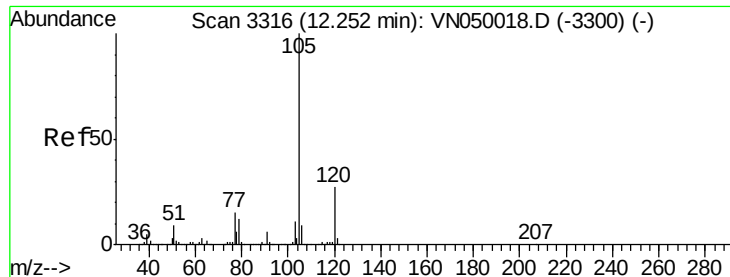
Tot Ion:173 Resp: 368606
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion:152 Resp: 558911
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 173.2 0.0 348.6





#73

Isopropylbenzene

Concen: 51.90 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

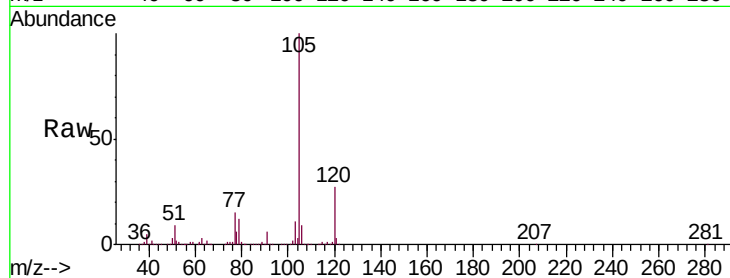
VSTDCCC050

Tot Ion:105 Resp: 2249501

Ion Ratio Lower Upper

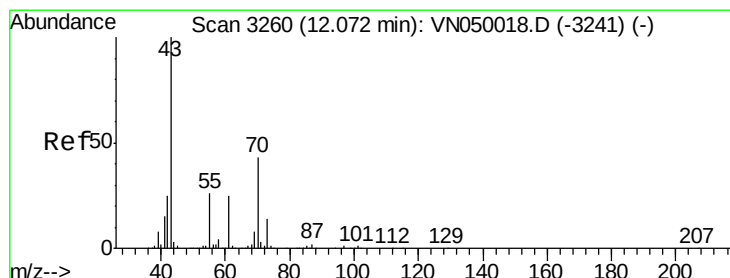
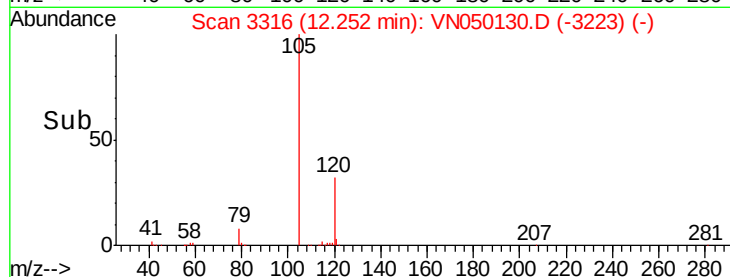
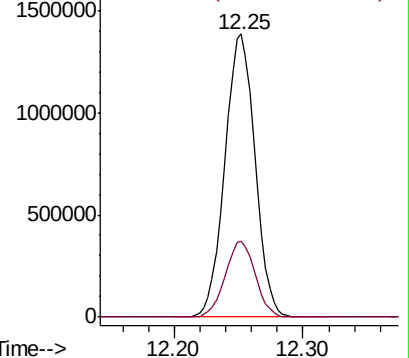
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.67 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Tgt Ion: 43 Resp: 658013

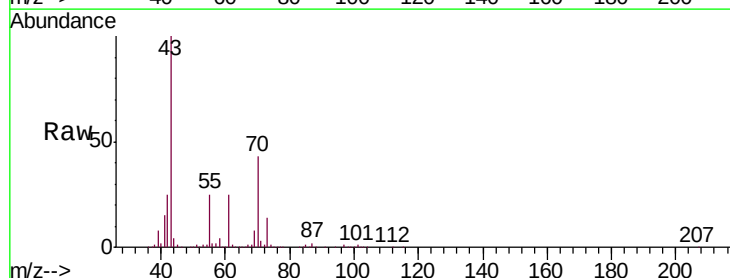
Ion Ratio Lower Upper

43 100

70 43.2 34.4 51.6

55 25.3 20.8 31.2

61 25.2 19.7 29.5

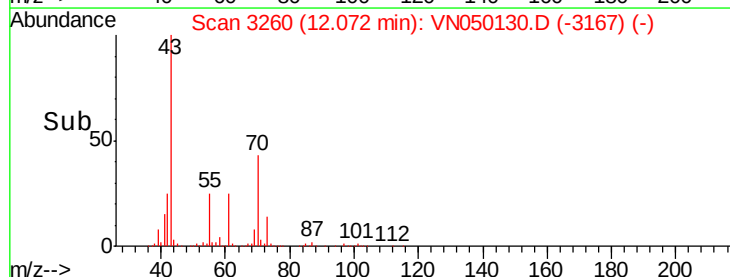
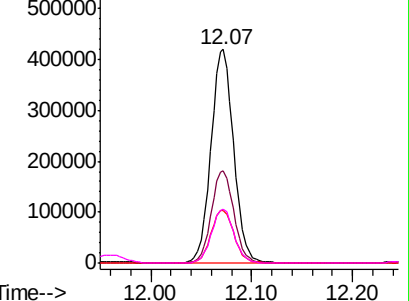


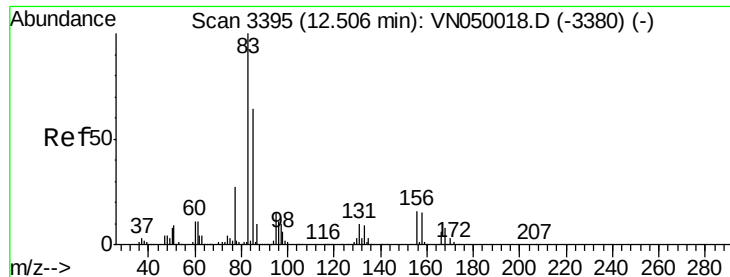
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.30 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

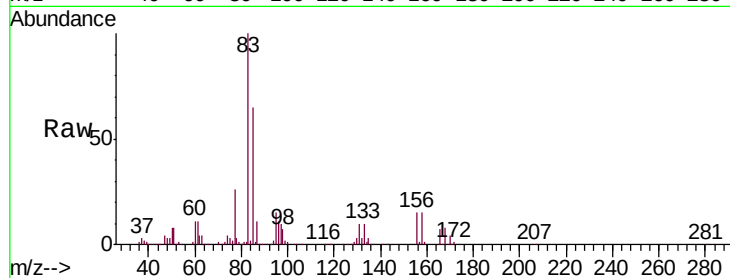
Tot Ion: 83 Resp: 582249

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	64.7	32.3	96.8

83 100

131 10.5 5.1 15.3

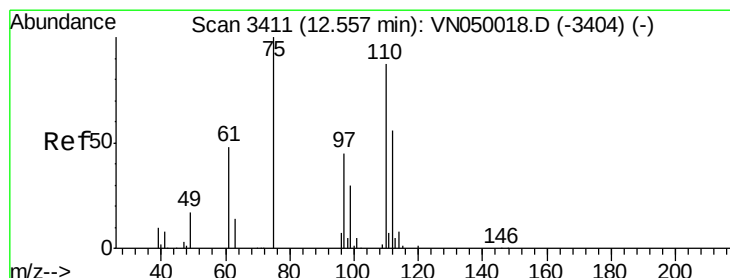
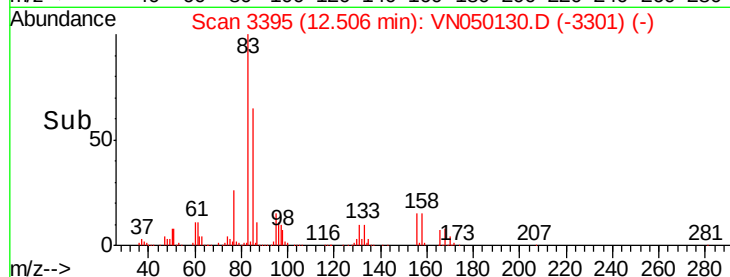
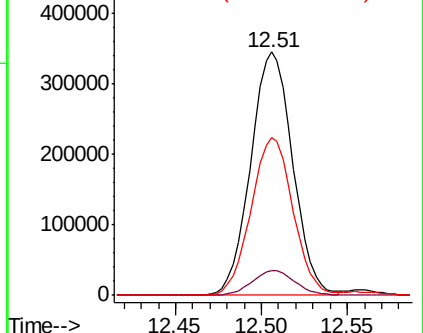
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 69.25 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050130.D

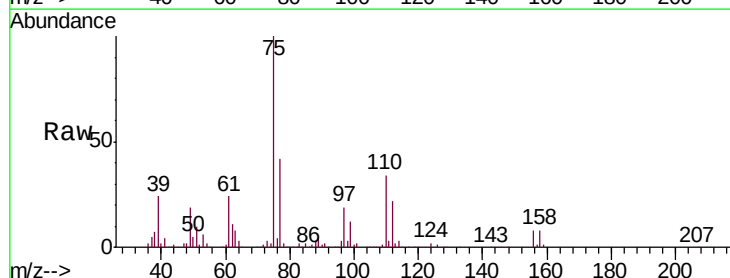
Acq: 27 Jul 2018 15:08

Tgt Ion: 75 Resp: 719284

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

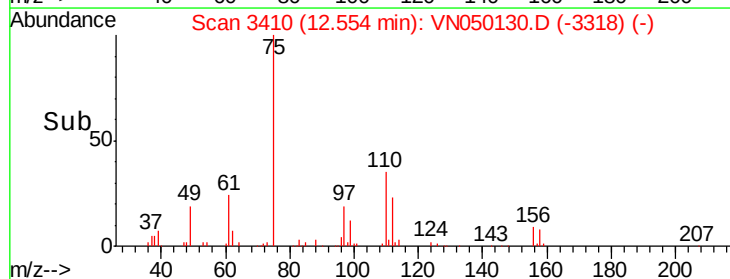
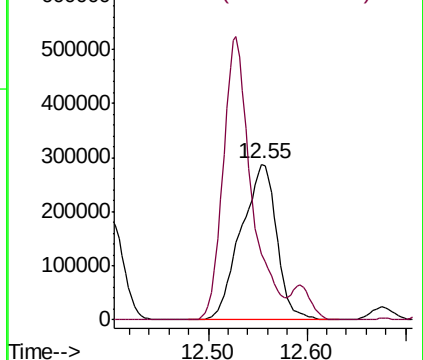
75 100

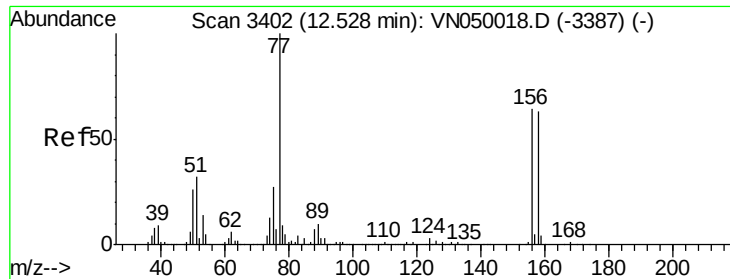
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

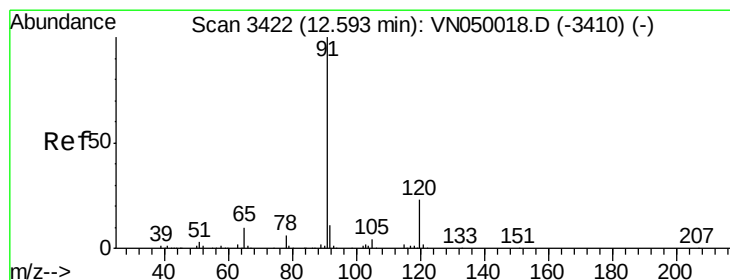
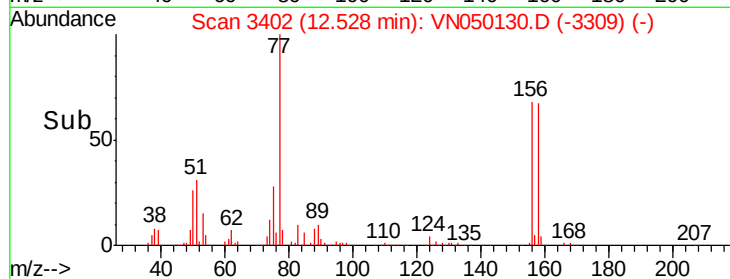
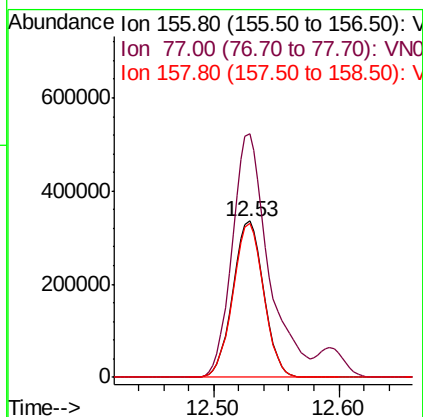
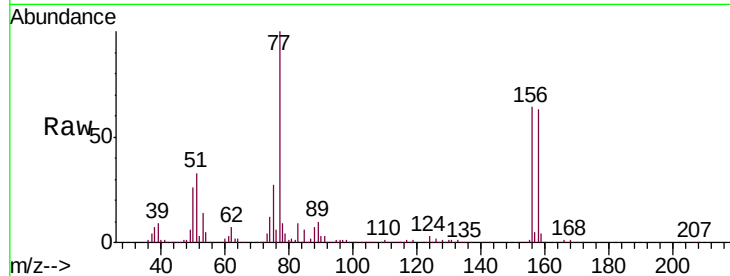




#77
Bromobenzene
Concen: 47.99 ug/l
RT: 12.53 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

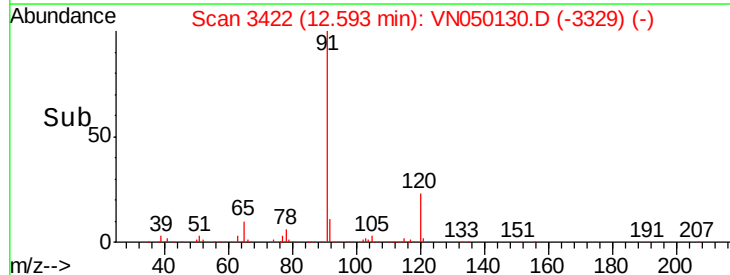
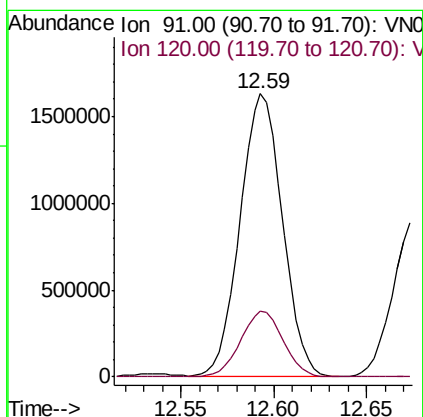
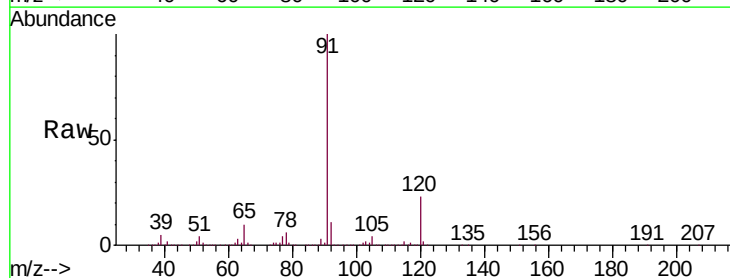
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

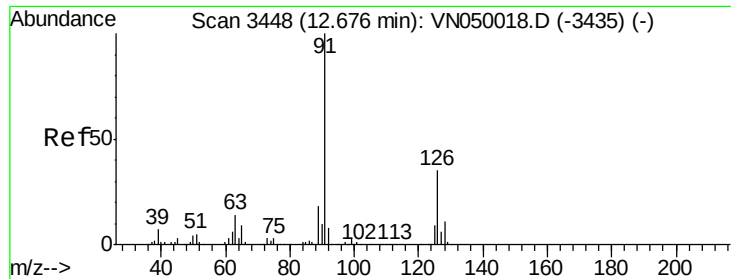
Tot Ion:156 Resp: 576580
Ion Ratio Lower Upper
156 100
77 182.1 91.7 275.1
158 97.8 48.9 146.6



#78
n-propylbenzene
Concen: 53.19 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050130.D
Acq: 27 Jul 2018 15:08

Tgt Ion: 91 Resp: 2577109
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7

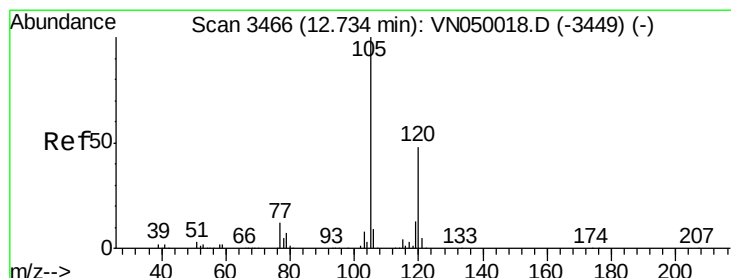
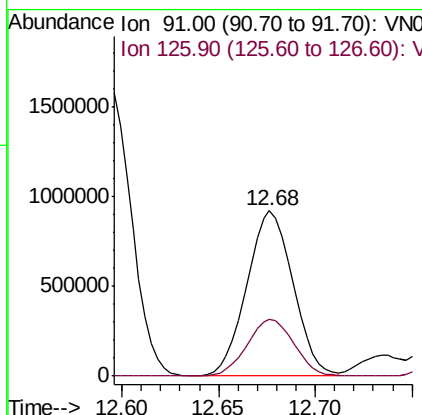
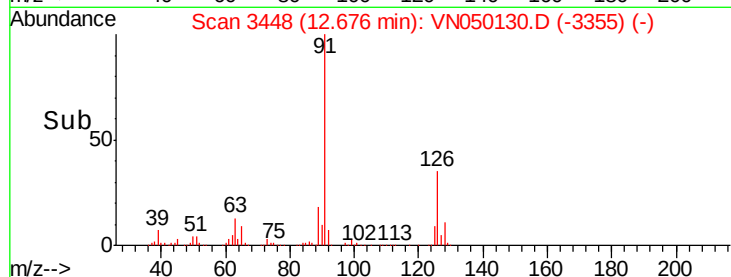
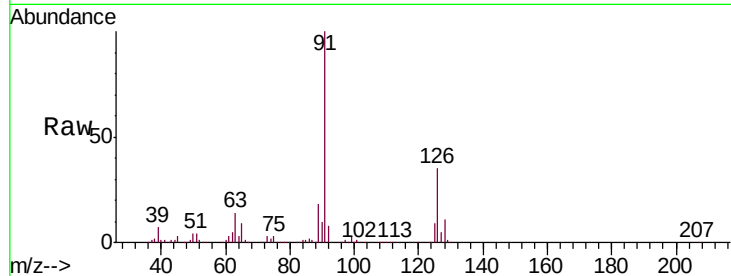




#79
 2-Chlorotoluene
 Concen: 50.99 ug/l
 RT: 12.68 min Scan# 3448
 Delta R.T. 0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

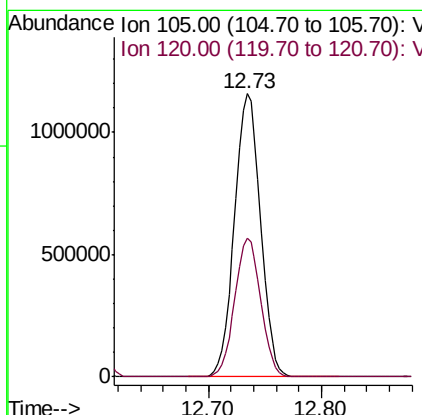
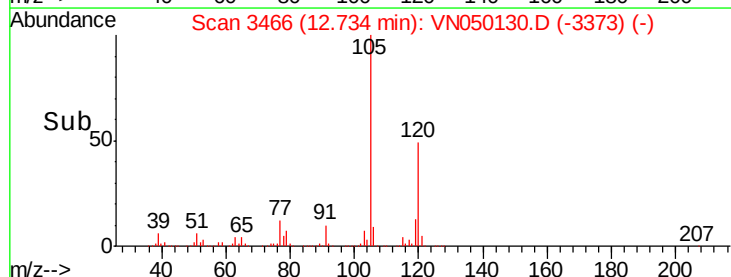
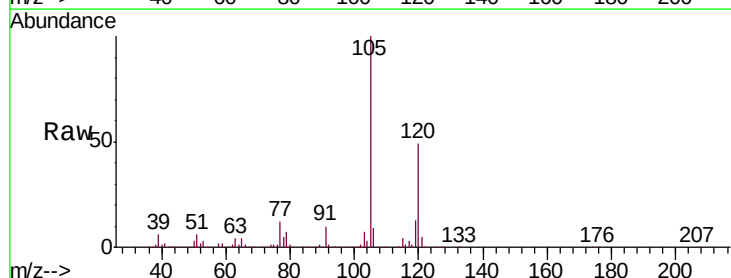
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

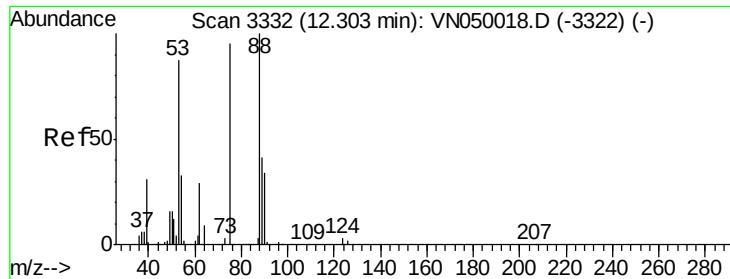
Tot Ion: 91 Resp: 1531370
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 54.35 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

Tgt Ion: 105 Resp: 1853061
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.85 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

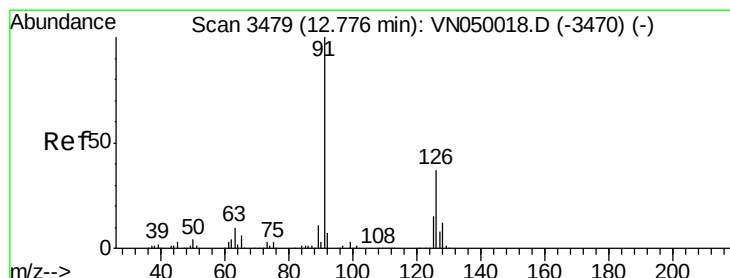
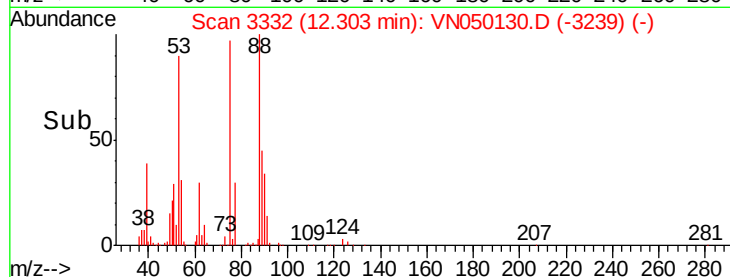
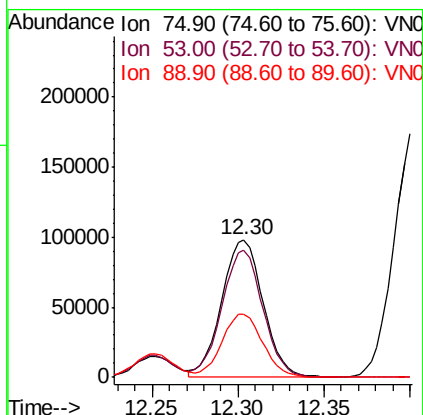
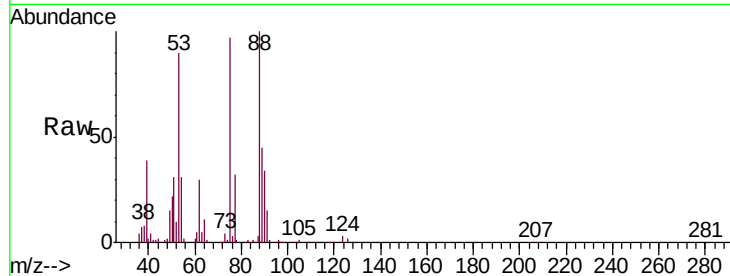
Tot Ion: 75 Resp: 163262

Ion Ratio Lower Upper

75 100

53 92.2 73.5 110.3

89 45.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 51.80 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050130.D

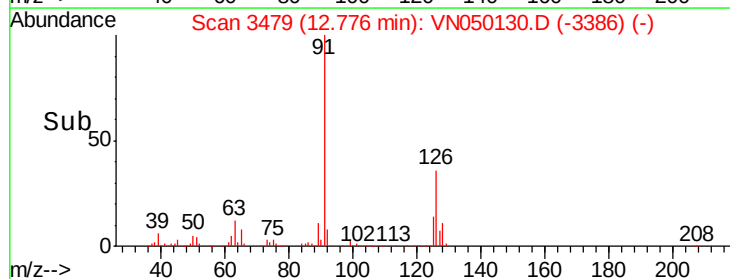
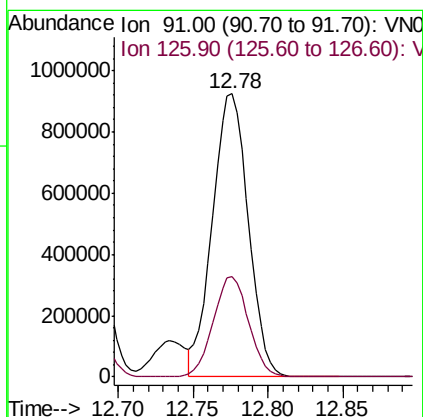
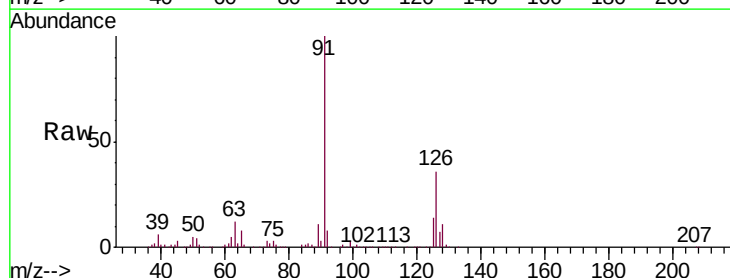
Acq: 27 Jul 2018 15:08

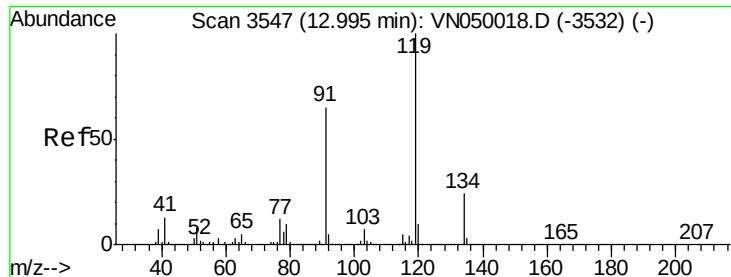
Tgt Ion: 91 Resp: 1540551

Ion Ratio Lower Upper

91 100

126 35.0 17.0 51.0

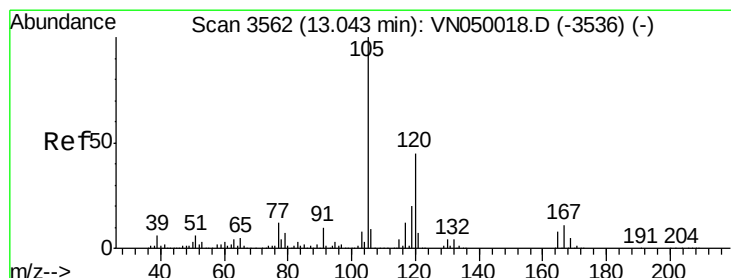
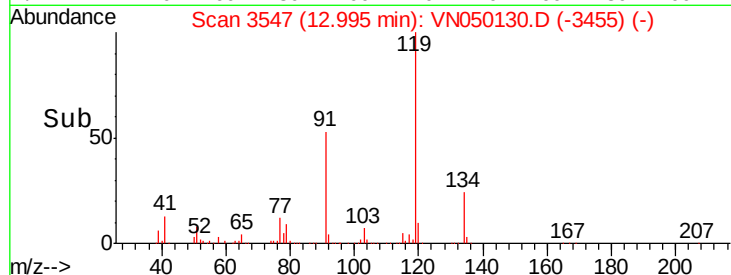
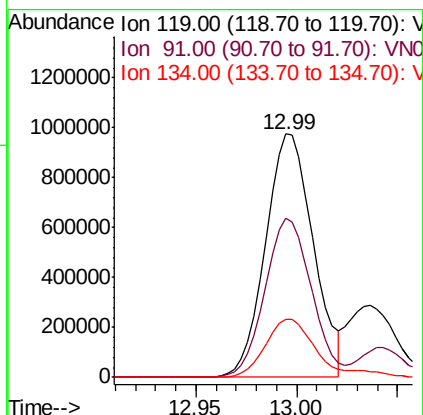
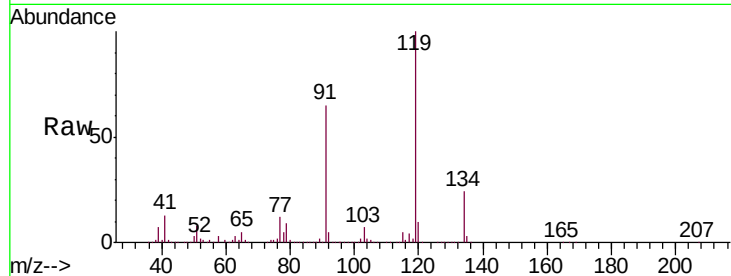




#83
 tert-Butylbenzene
 Concen: 53.89 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

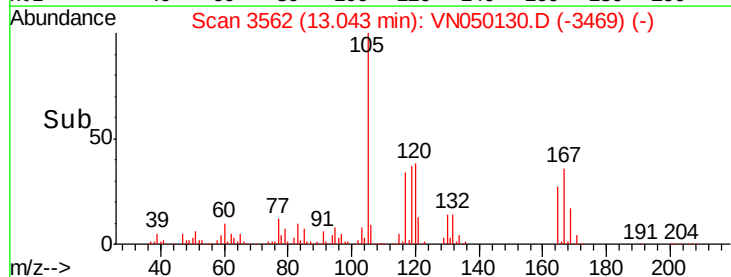
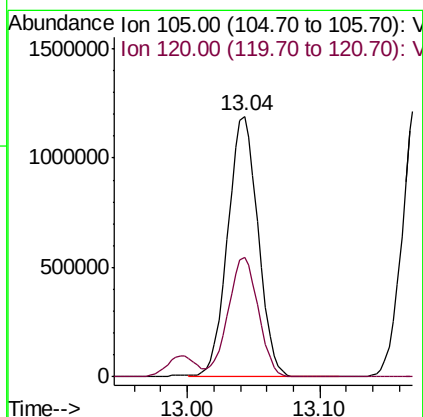
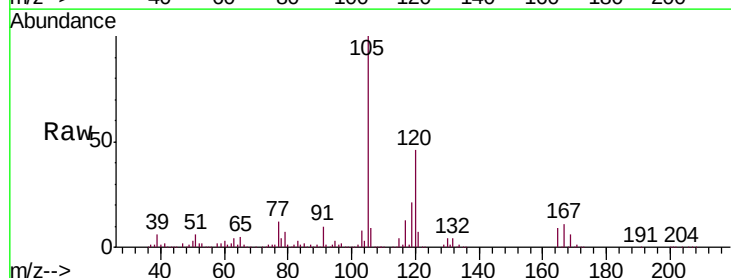
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

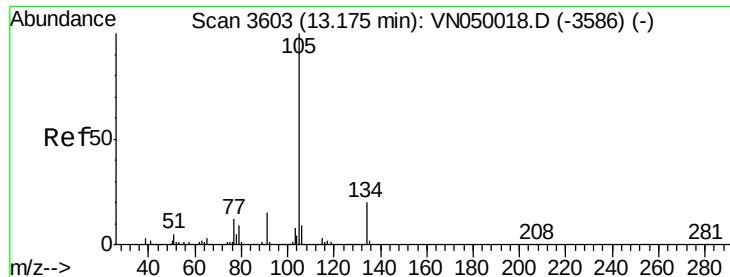
Tot Ion:119 Resp: 1603444
 Ion Ratio Lower Upper
 119 100
 91 63.6 32.1 96.3
 134 26.2 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.95 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

Tgt Ion:105 Resp: 1888482
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 54.28 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

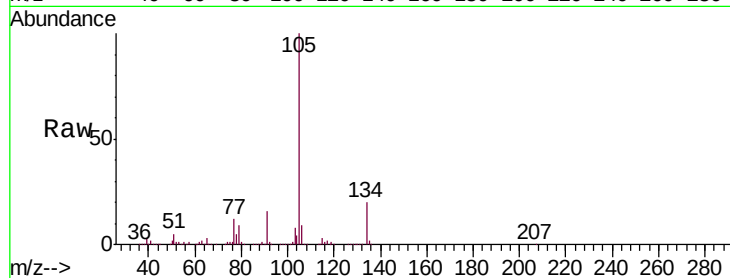
VSTDCCC050

Tot Ion:105 Resp: 2157834

Ion Ratio Lower Upper

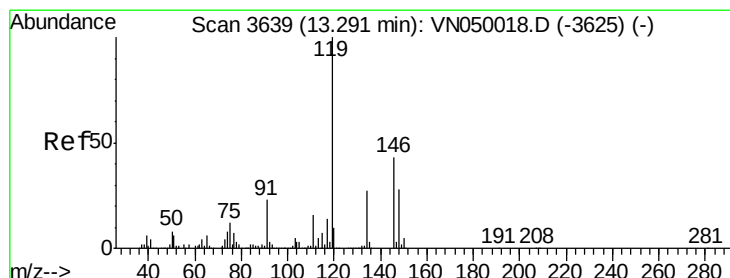
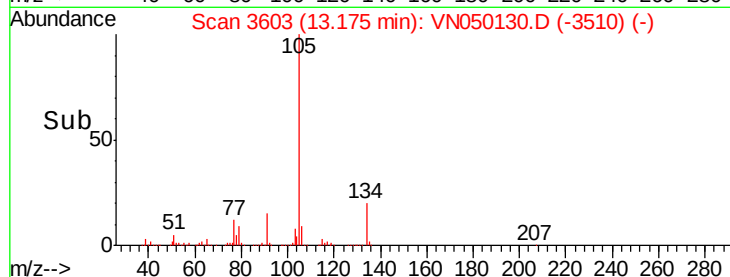
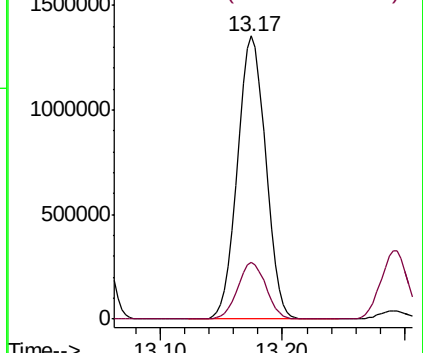
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.20 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

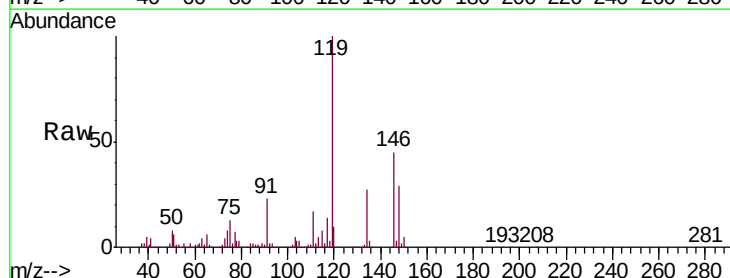
Tgt Ion:119 Resp: 1882813

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

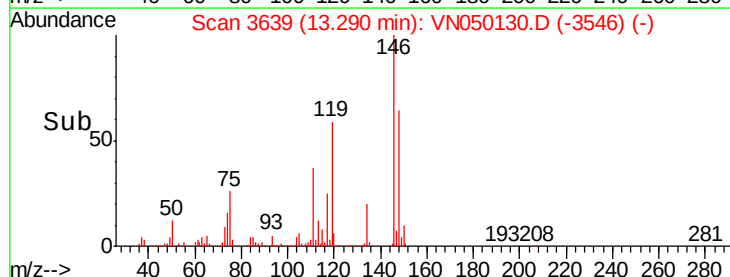
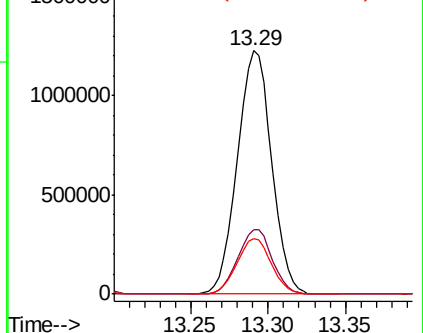
91 22.8 11.4 34.2

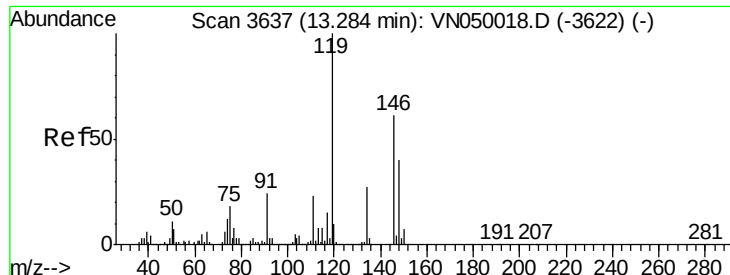


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.23 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

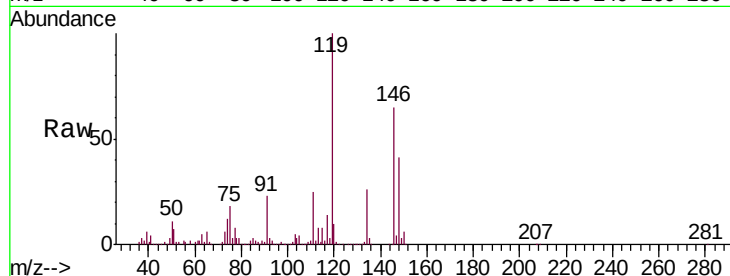
Tot Ion:146 Resp: 1023024

Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.4

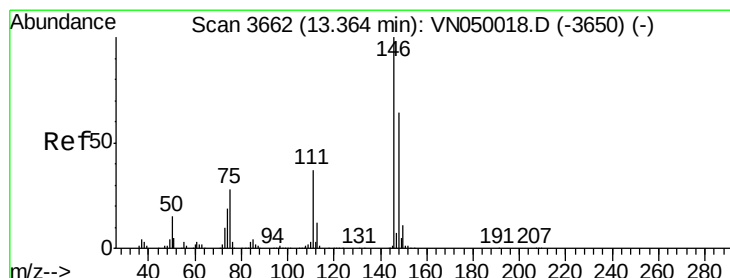
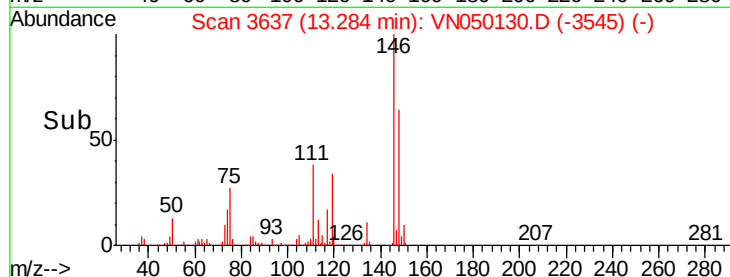
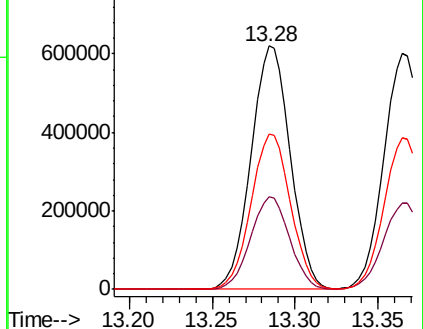
148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.04 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

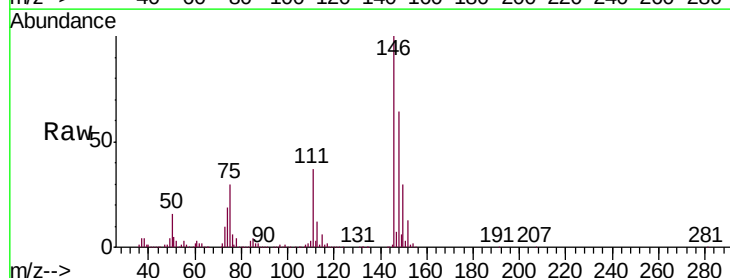
Tgt Ion:146 Resp: 993396

Ion Ratio Lower Upper

146 100

111 36.8 18.3 54.9

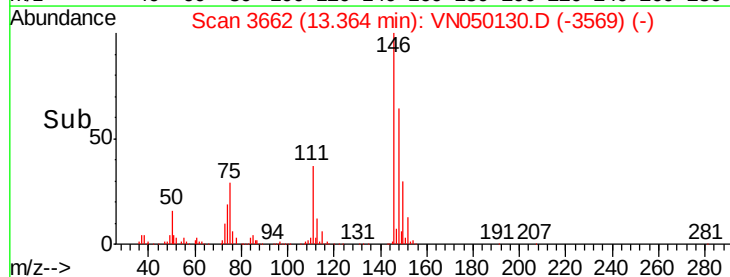
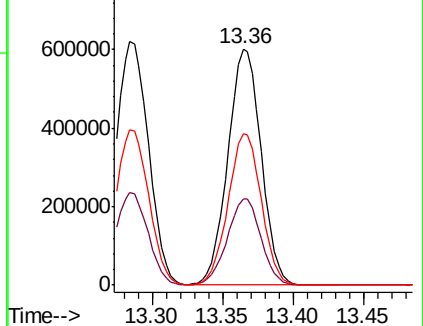
148 64.1 31.9 95.9

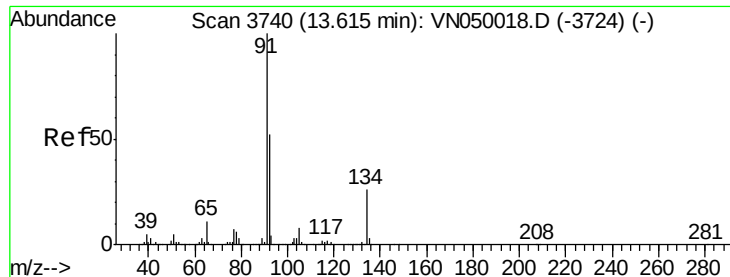


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 56.16 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

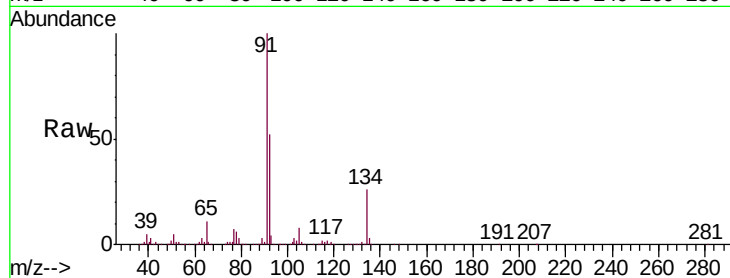
Tot Ion: 91 Resp: 1547097

Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.8	77.4
134	26.3	12.8	38.4

91 100

92 52.2 25.8 77.4

134 26.3 12.8 38.4

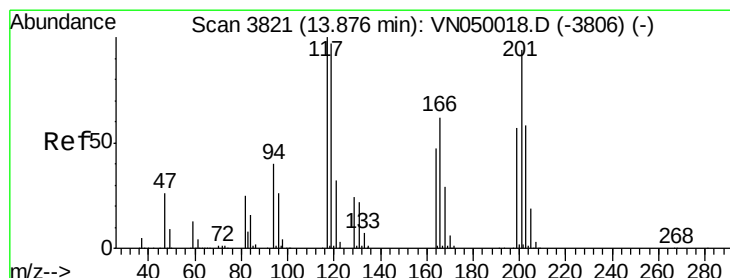
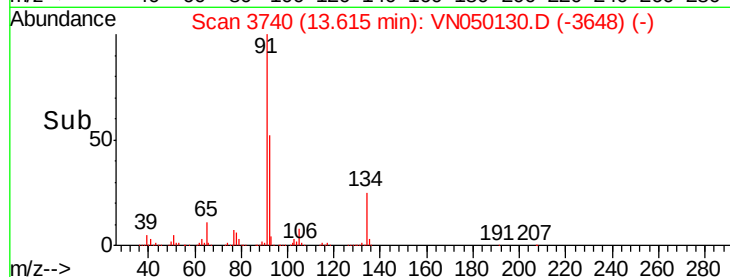
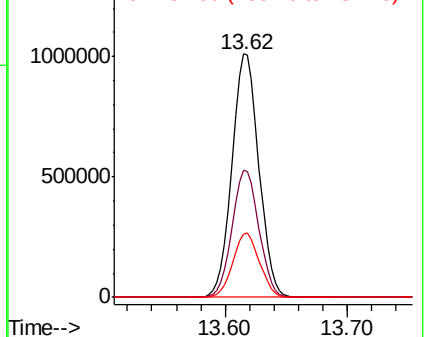


Abundance

Ion 91.00 (90.70 to 91.70): VN050130.D (-3724) (-)

Ion 92.00 (91.70 to 92.70): VN050130.D (-3724) (-)

Ion 134.00 (133.70 to 134.70): VN050130.D (-3724) (-)



#90

Hexachloroethane

Concen: 45.78 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050130.D

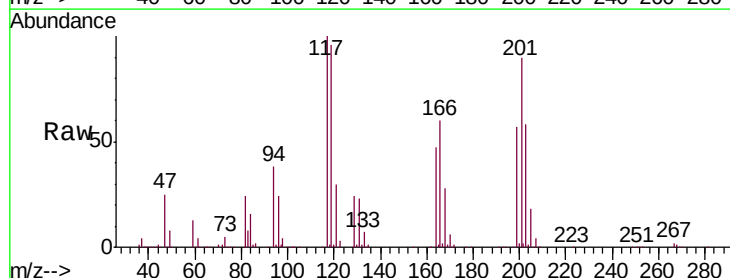
Acq: 27 Jul 2018 15:08

Tgt Ion: 117 Resp: 340574

Ion	Ratio	Lower	Upper
117	100		
201	90.7	45.6	136.8

117 100

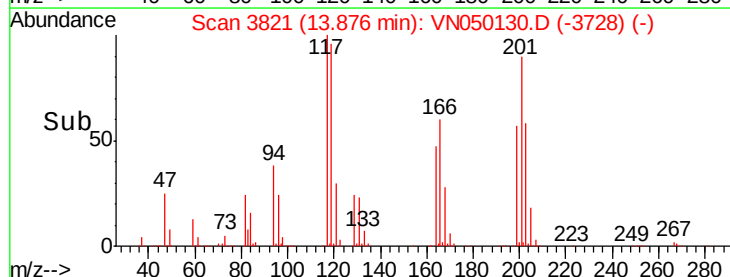
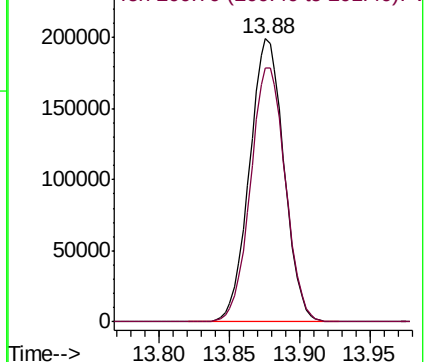
201 90.7 45.6 136.8

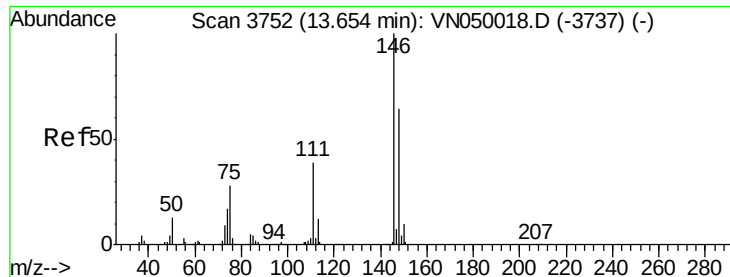


Abundance

Ion 116.80 (116.50 to 117.50): VN050130.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN050130.D (-3728) (-)

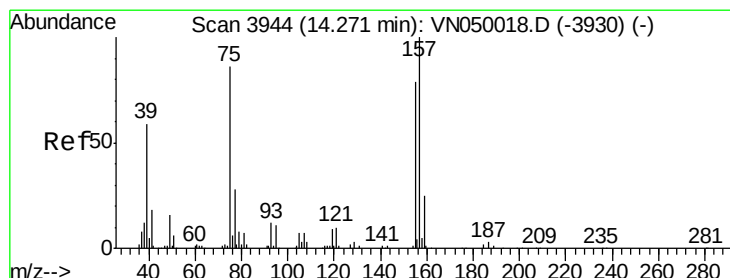
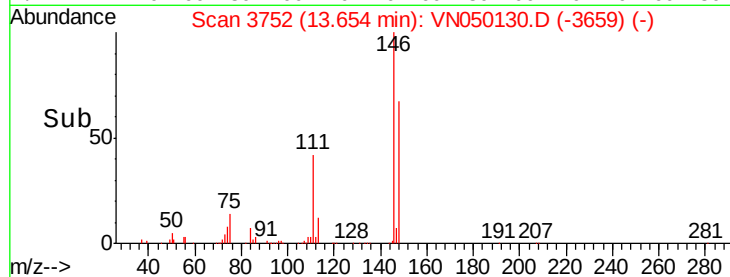
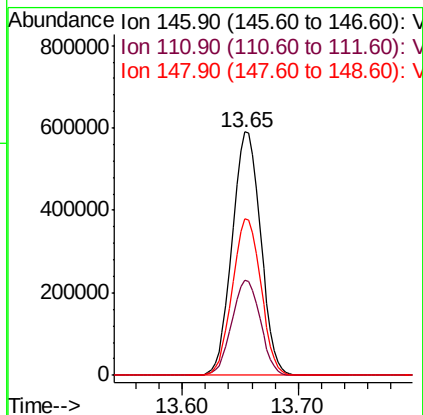
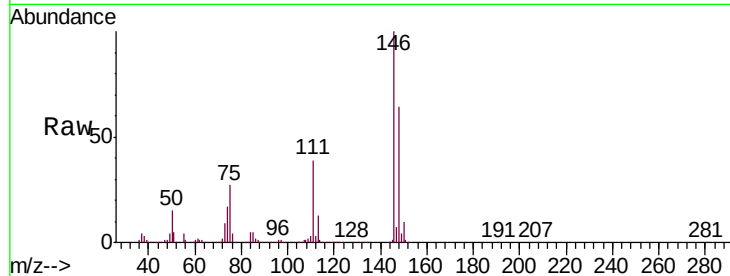




#91
 1,2-Dichlorobenzene
 Concen: 49.19 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

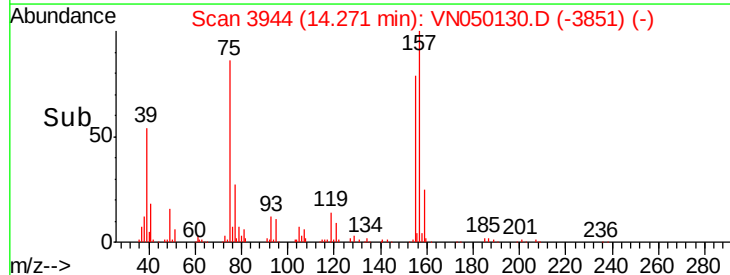
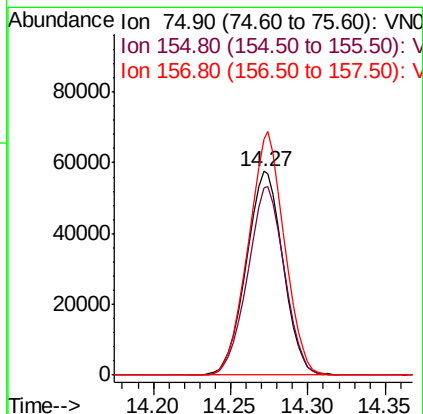
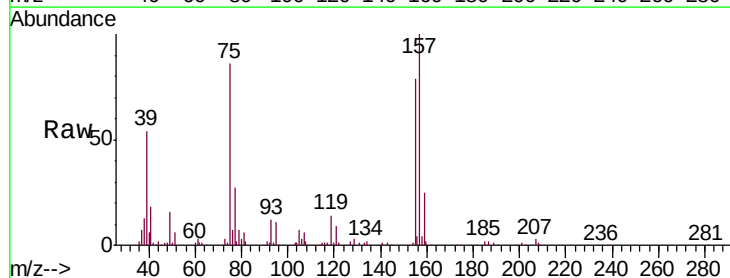
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

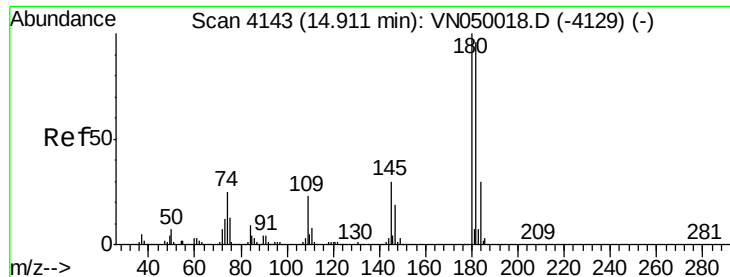
Tot Ion:146 Resp: 1001380
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.7
 148 64.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.41 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

Tgt Ion: 75 Resp: 95442
 Ion Ratio Lower Upper
 75 100
 155 92.0 44.8 134.4
 157 117.3 57.2 171.6

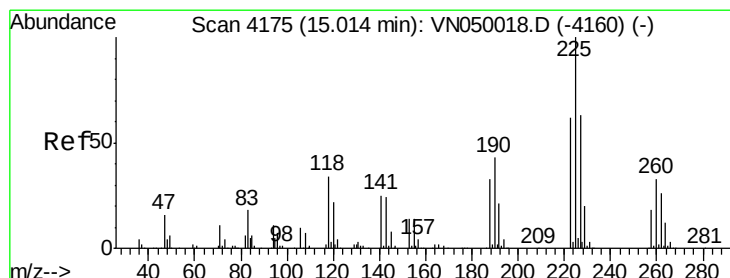
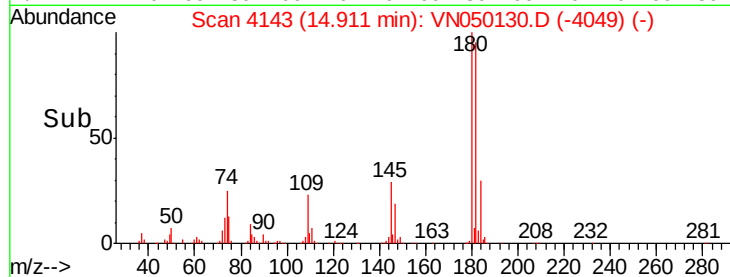
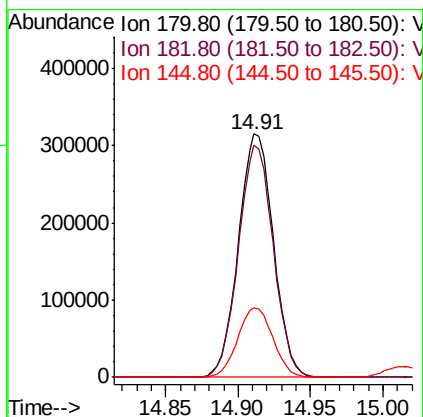
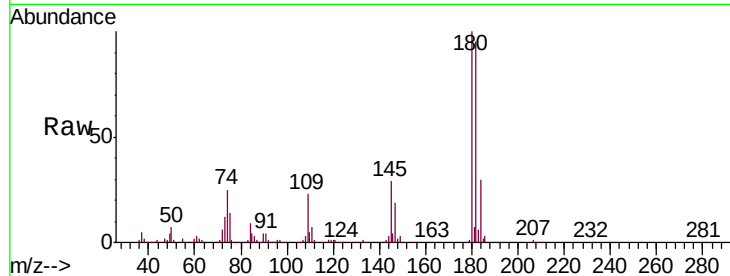




#93
 1,2,4-Trichlorobenzene
 Concen: 48.99 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

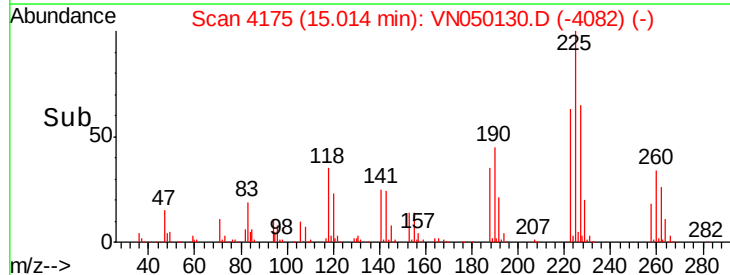
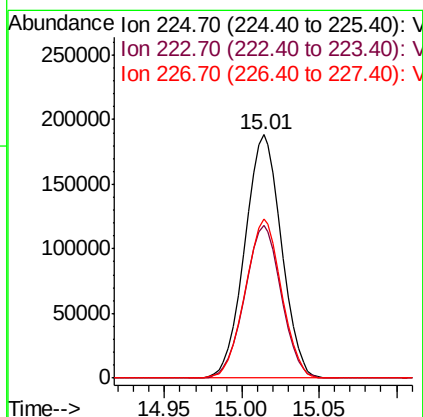
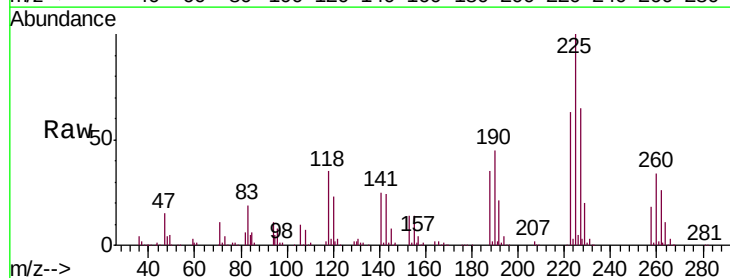
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

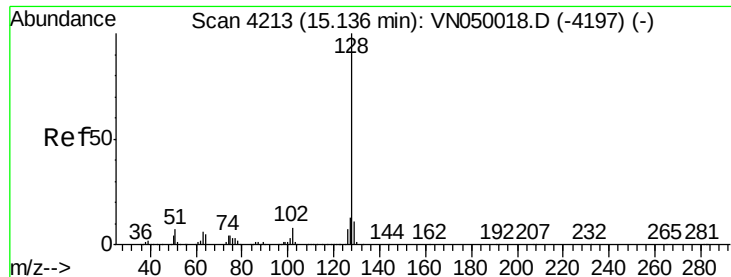
Tot Ion:180 Resp: 528262
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.7 140.1
 145 28.6 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 49.81 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050130.D
 Acq: 27 Jul 2018 15:08

Tgt Ion:225 Resp: 310464
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.2
 227 64.4 32.1 96.5





#95

Naphthalene

Concen: 47.40 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Instrument :

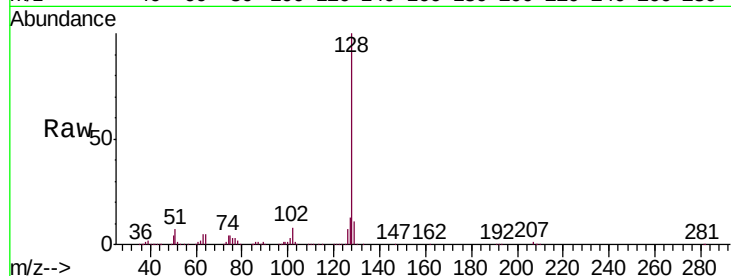
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1203379

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.8	13.2

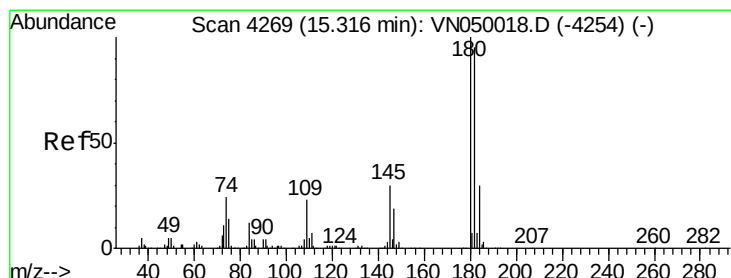
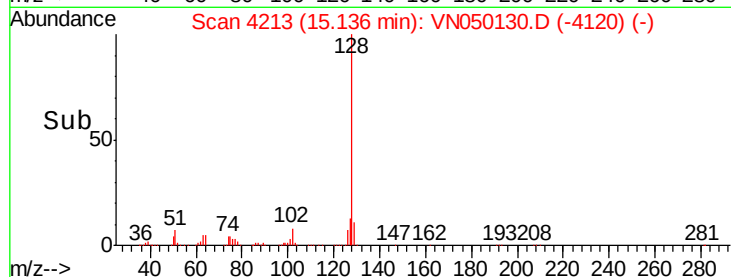
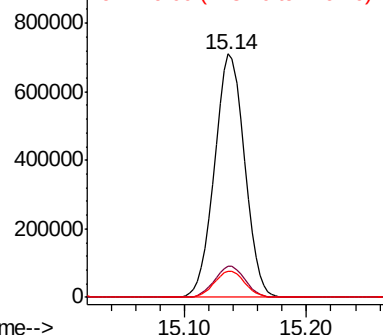


Abundance

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: 48.85 ug/l

RT: 15.32 min Scan# 4270

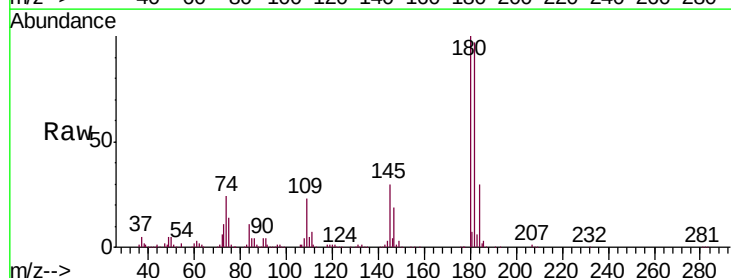
Delta R.T. 0.00 min

Lab File: VN050130.D

Acq: 27 Jul 2018 15:08

Tgt Ion:180 Resp: 513154

Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.1	144.4
145	30.5	15.3	45.9



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

