

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049661.D
 Acq On : 2 Jul 2018 11:12
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 03:43:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1358582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2004022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1799155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1022754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	864200	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	7.59	113	750651	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.09	98	2943129	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	1038888	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	745954	48.72	ug/l	96
3) Chloromethane	2.06	50	934405	48.86	ug/l	99
4) Vinyl Chloride	2.18	62	1030934	50.20	ug/l	100
5) Bromomethane	2.56	94	516047	47.83	ug/l	98
6) Chloroethane	2.70	64	641872	49.38	ug/l	99
7) Trichlorofluoromethane	3.02	101	1207842	51.49	ug/l	98
8) Diethyl Ether	3.40	74	480237	50.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	850516	50.39	ug/l	99
10) Methyl Iodide	3.95	142	1180317	55.88	ug/l	99
11) Tert butyl alcohol	4.79	59	281639	273.56	ug/l	100
12) 1,1-Dichloroethene	3.73	96	788864	49.44	ug/l	100
13) Acrolein	3.61	56	253060	263.15	ug/l	100
14) Allyl chloride	4.32	41	1154207	52.66	ug/l	100
15) Acrylonitrile	4.99	53	1376680	258.90	ug/l	98
16) Acetone	3.82	43	970719	270.05	ug/l	99
17) Carbon Disulfide	4.05	76	2354935	53.65	ug/l	99
18) Methyl Acetate	4.32	43	759186	47.48	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	2159612	52.50	ug/l	99
20) Methylene Chloride	4.55	84	895588	48.48	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	835913	50.90	ug/l	99
22) Diisopropyl ether	5.95	45	2601170	52.45	ug/l	99
23) Vinyl Acetate	5.90	43	8681030	269.95	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1559118	49.91	ug/l	100
25) 2-Butanone	6.84	43	1710388	287.16	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1340527	51.66	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	948527	51.71	ug/l	99
28) Bromochloromethane	7.19	49	658212	49.64	ug/l	100
29) Tetrahydrofuran	7.21	42	1034409	272.48	ug/l	99
30) Chloroform	7.37	83	1573208	49.40	ug/l	98
31) Cyclohexane	7.65	56	1449702	54.20	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1366176	50.67	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1239880	54.99	ug/l	100
37) Ethyl Acetate	6.93	43	722698	54.96	ug/l	99
38) Carbon Tetrachloride	7.77	117	1173410	53.50	ug/l	99

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 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1384738	56.02	ug/l	98
40) Benzene	8.04	78	3604685	52.36	ug/l	99
41) Methacrylonitrile	7.18	41	388975	52.47	ug/l	97
42) 1,2-Dichloroethane	8.12	62	1121400	51.04	ug/l	100
43) Isopropyl Acetate	8.17	43	1331295	51.00	ug/l	97
44) Trichloroethene	8.83	130	1032352	49.72	ug/l	98
45) 1,2-Dichloropropane	9.12	63	939399	52.81	ug/l	100
46) Dibromomethane	9.21	93	559672	52.01	ug/l	98
47) Bromodichloromethane	9.40	83	1200210	52.40	ug/l	98
48) Methyl methacrylate	9.20	41	654646	56.02	ug/l	98
49) 1,4-Dioxane	9.20	88	171519	1091.74	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3588039	278.28	ug/l	100
52) Toluene	10.16	92	2243184	53.93	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1195653	54.51	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1412362	55.09	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	795013	51.34	ug/l	100
56) Ethyl methacrylate	10.43	69	1043022	57.46	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1342877	53.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2680642	281.90	ug/l	100
59) 2-Hexanone	10.75	43	2713835	318.31	ug/l	100
60) Dibromochloromethane	10.90	129	905823	54.12	ug/l	99
61) 1,2-Dibromoethane	11.01	107	788200	53.12	ug/l	100
64) Tetrachloroethene	10.63	164	1218701	50.03	ug/l	98
65) Chlorobenzene	11.44	112	2434609	51.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	898527	53.28	ug/l	98
67) Ethyl Benzene	11.51	91	4248133	54.76	ug/l	100
68) m/p-Xylenes	11.62	106	3344417	112.48	ug/l	100
69) o-Xylene	11.95	106	1587193	55.76	ug/l	99
70) Styrene	11.97	104	2628001	57.06	ug/l	100
71) Bromoform	12.13	173	626758	55.93	ug/l #	99
73) Isopropylbenzene	12.25	105	4249013	52.16	ug/l	100
74) N-amyl acetate	12.07	43	1162330	52.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	901081	53.35	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1189057	72.49	ug/l #	100
77) Bromobenzene	12.53	156	1077146	48.62	ug/l	99
78) n-propylbenzene	12.59	91	5023826	53.81	ug/l	100
79) 2-Chlorotoluene	12.68	91	2925051	49.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3650363	53.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	258294	53.48	ug/l	98
82) 4-Chlorotoluene	12.77	91	3036495	51.11	ug/l	100
83) tert-Butylbenzene	12.99	119	3006888	51.70	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3680255	52.91	ug/l	100
85) sec-Butylbenzene	13.17	105	4139998	53.73	ug/l	100
86) p-Isopropyltoluene	13.29	119	3714274	55.65	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1975269	52.68	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1947666	52.88	ug/l	99
89) n-Butylbenzene	13.62	91	3154494	55.21	ug/l	99
90) Hexachloroethane	13.88	117	451181	64.36	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1914469	53.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	153147	54.01	ug/l	97

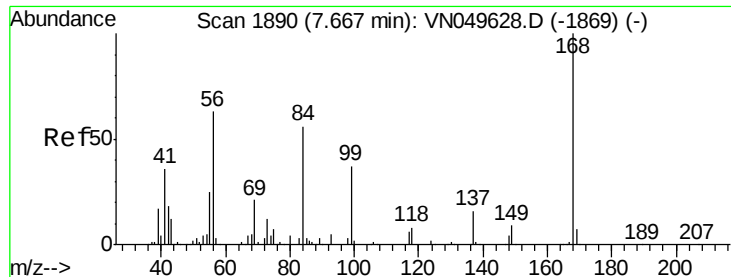
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	965251	51.16	ug/l	99
94) Hexachlorobutadiene	15.01	225	635920	58.94	ug/l	99
95) Naphthalene	15.14	128	2006636	48.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	924989	51.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

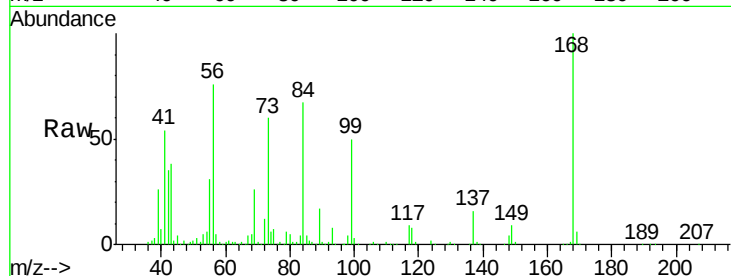
VSTDCCC050

Tot Ion:168 Resp: 1358582

Ion Ratio Lower Upper

168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

600000

500000

400000

300000

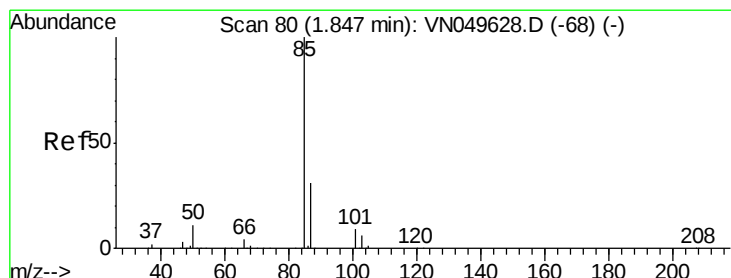
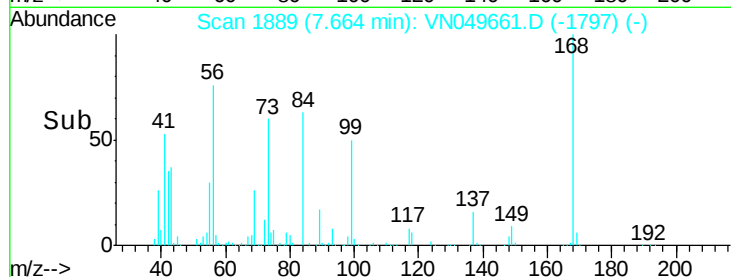
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.72 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049661.D

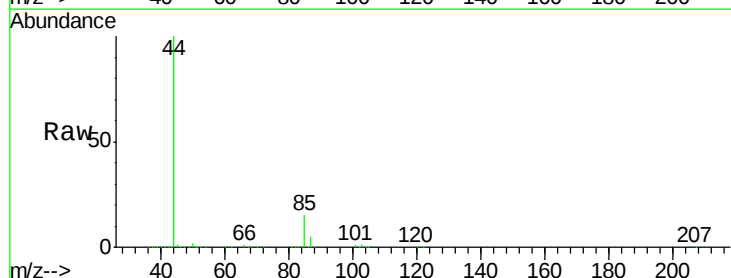
Acq: 2 Jul 2018 11:12

Tgt Ion: 85 Resp: 745954

Ion Ratio Lower Upper

85 100

87 32.7 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

600000

500000

400000

300000

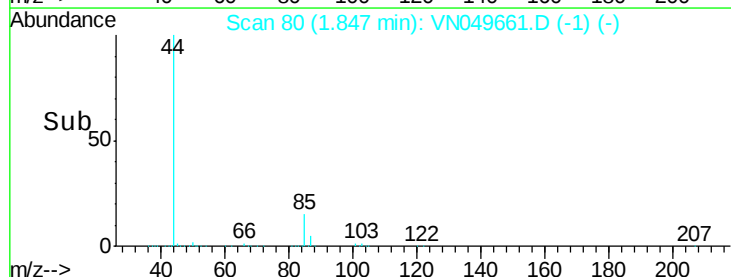
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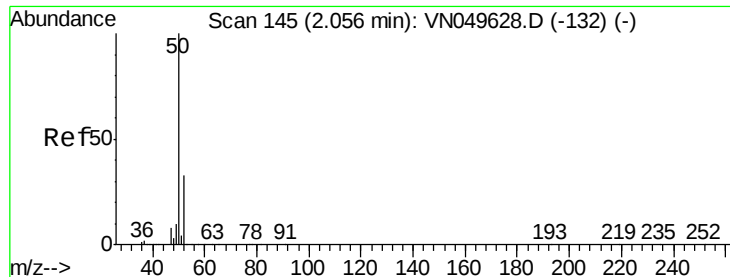
100000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 48.86 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

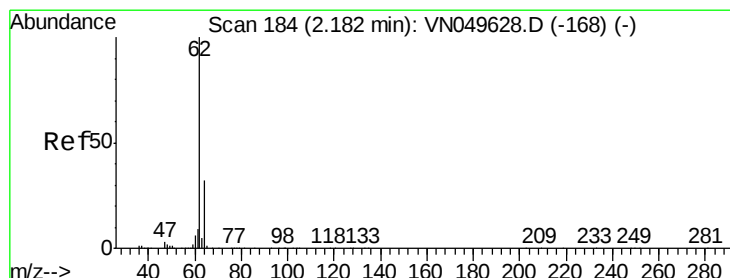
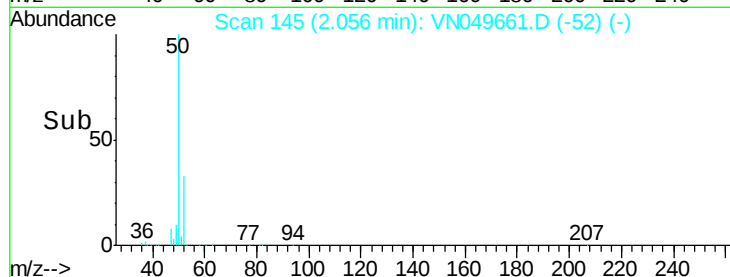
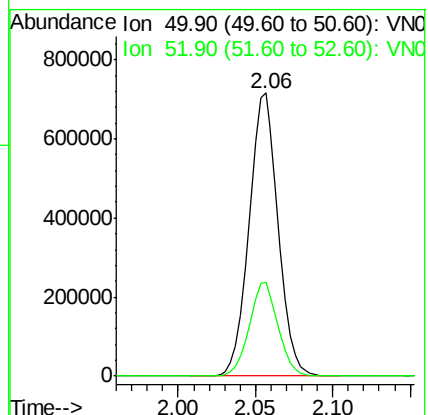
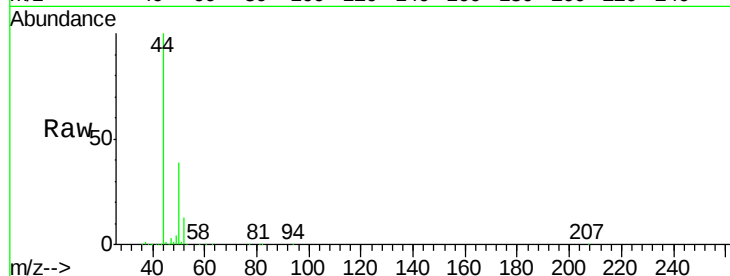
VSTDCCC050

Tot Ion: 50 Resp: 934405

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 50.20 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049661.D

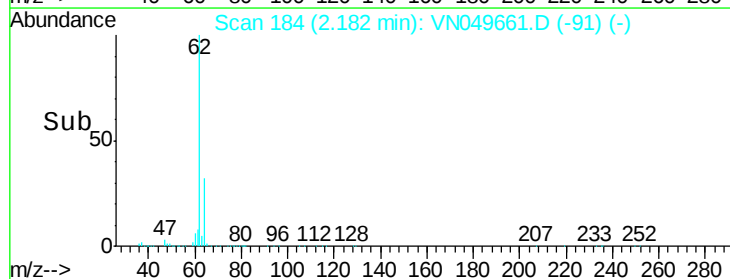
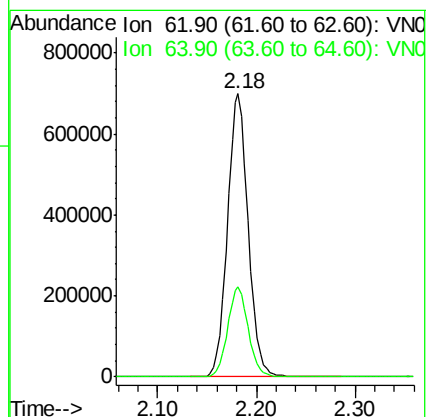
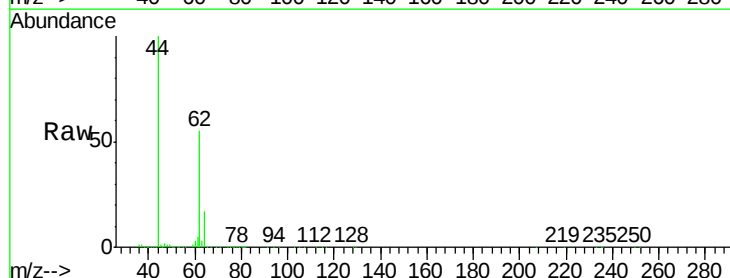
Acq: 2 Jul 2018 11:12

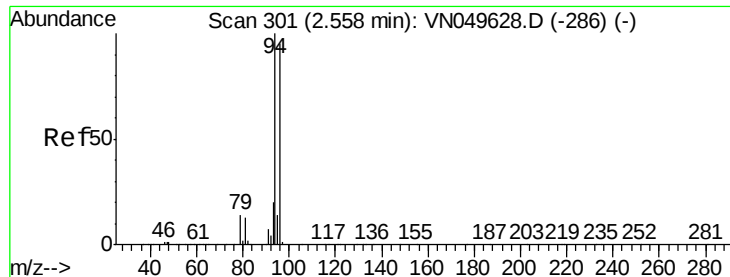
Tgt Ion: 62 Resp: 1030934

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 47.83 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

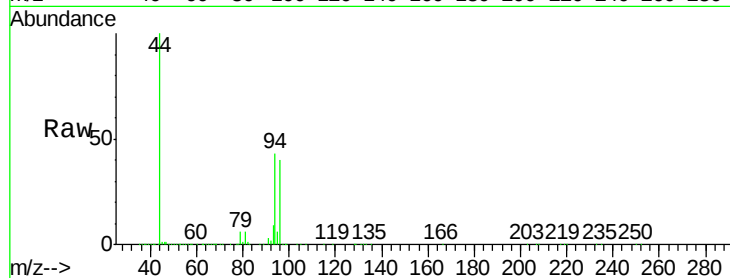
VSTDCCC050

Tot Ion: 94 Resp: 516047

Ion Ratio Lower Upper

94 100

96 92.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

250000

200000

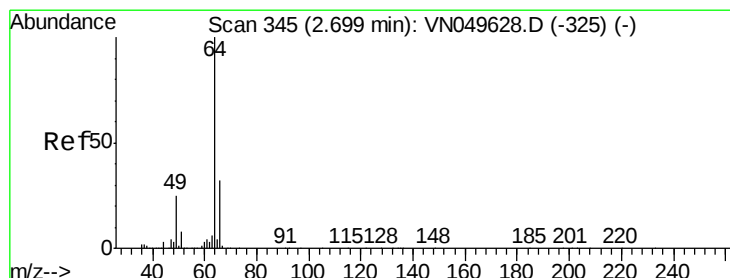
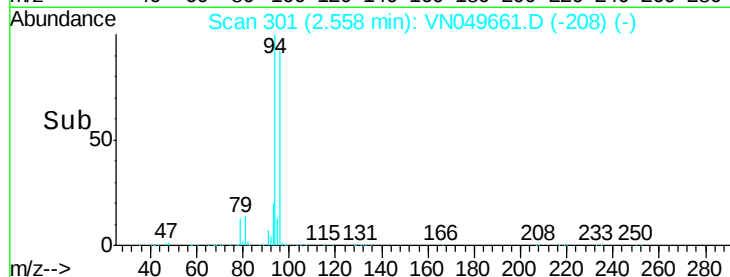
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 49.38 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049661.D

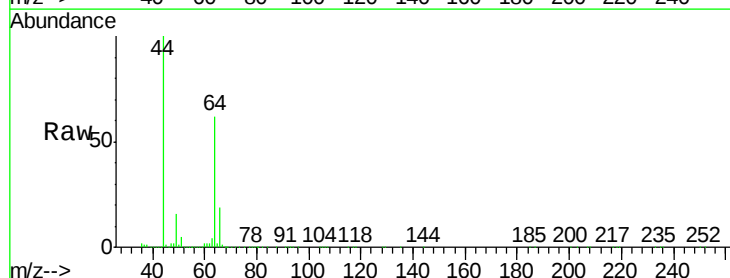
Acq: 2 Jul 2018 11:12

Tgt Ion: 64 Resp: 641872

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.70

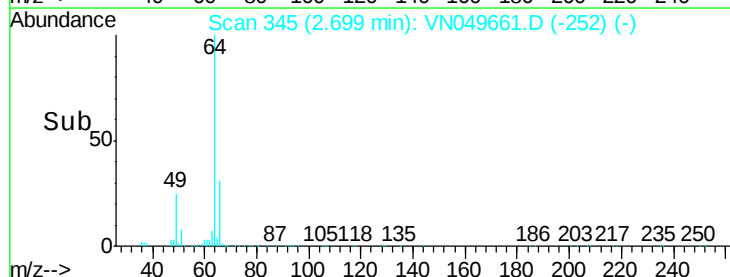
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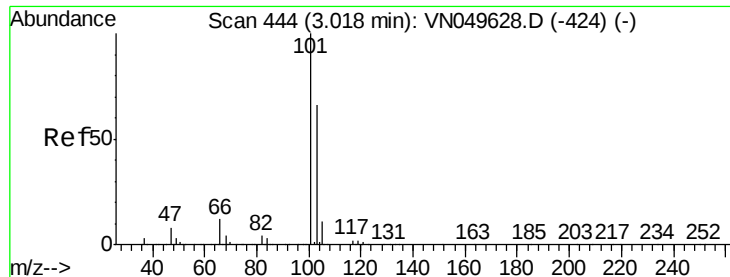
200000

100000

0

Time-->





#7

Trichlorofluoromethane

Concen: 51.49 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

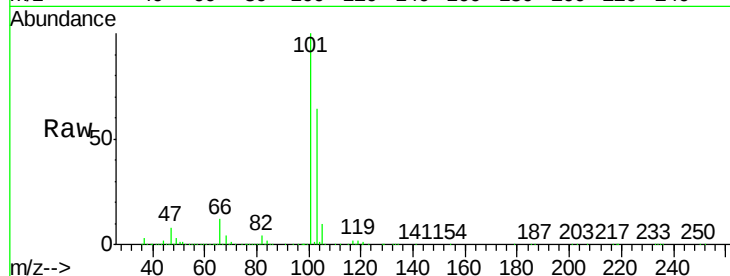
VSTDCCC050

Tot Ion:101 Resp: 1207842

Ion Ratio Lower Upper

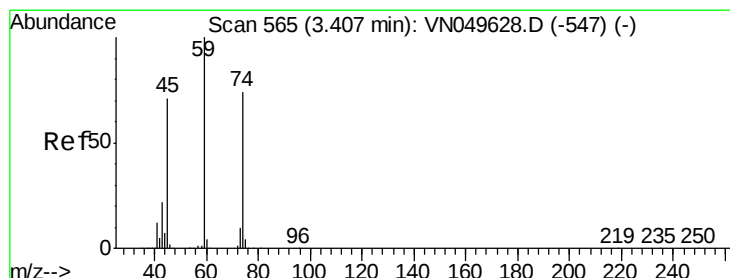
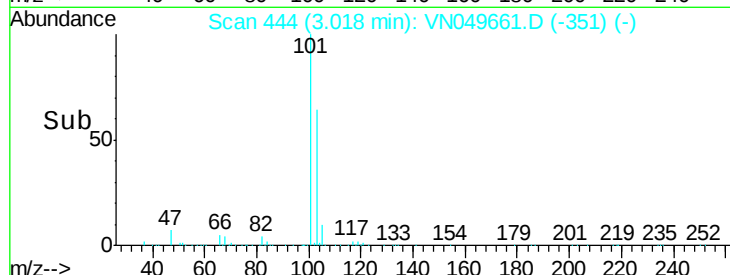
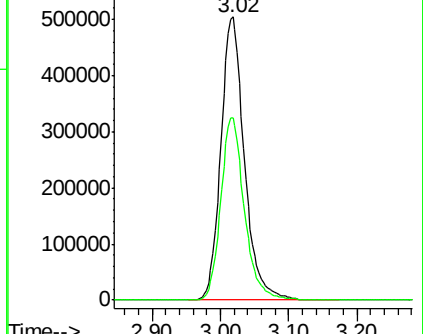
101 100

103 64.3 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.50 ug/l

RT: 3.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN049661.D

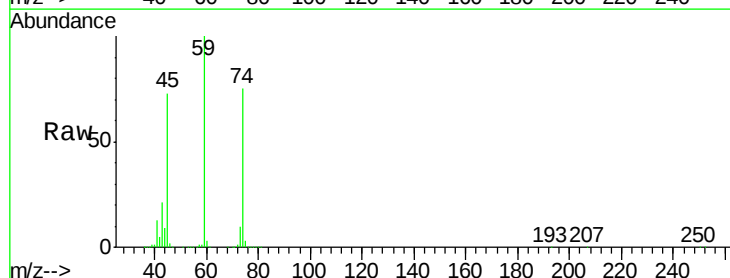
Acq: 2 Jul 2018 11:12

Tgt Ion: 74 Resp: 480237

Ion Ratio Lower Upper

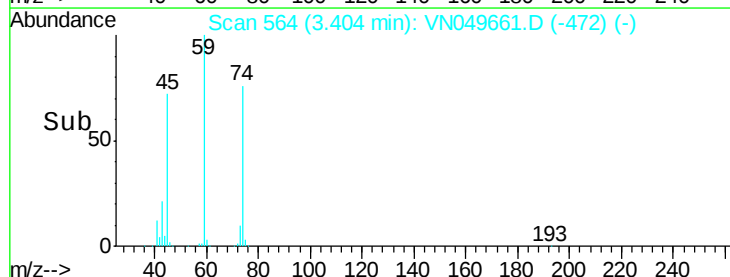
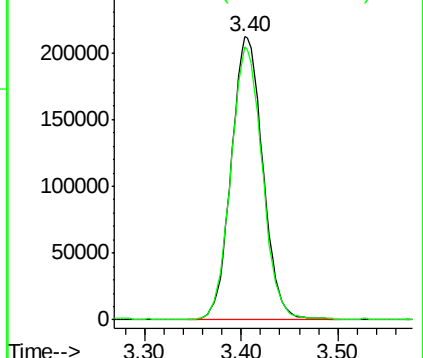
74 100

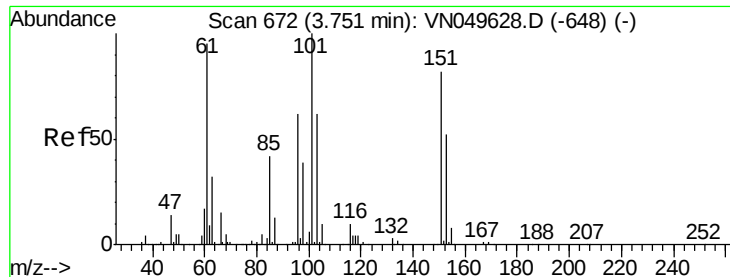
45 95.9 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.39 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

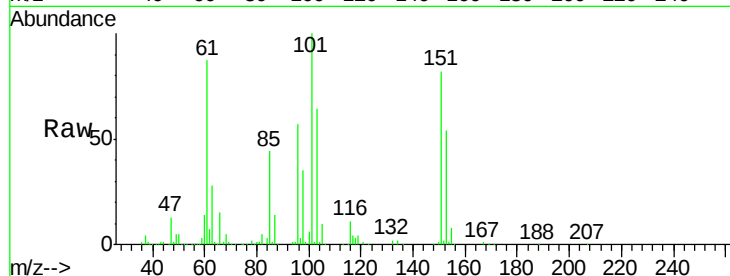
Tot Ion:101 Resp: 850516

Ion Ratio Lower Upper

101 100

85 43.2 34.4 51.6

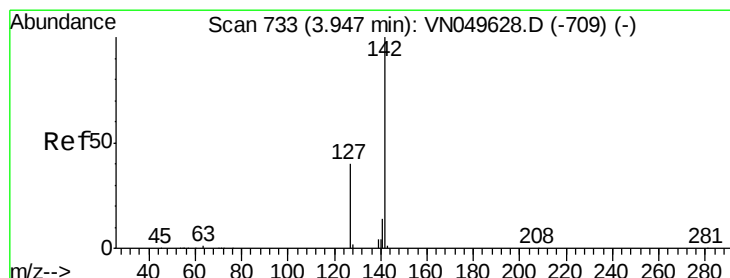
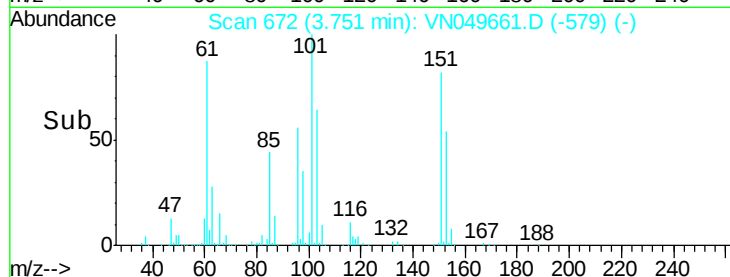
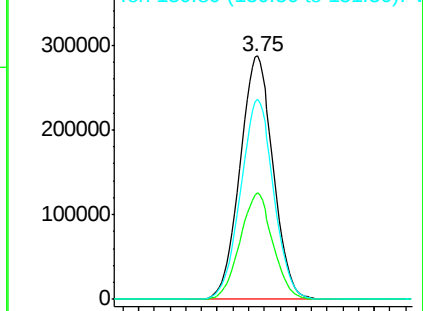
151 82.1 66.2 99.4



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: 55.88 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

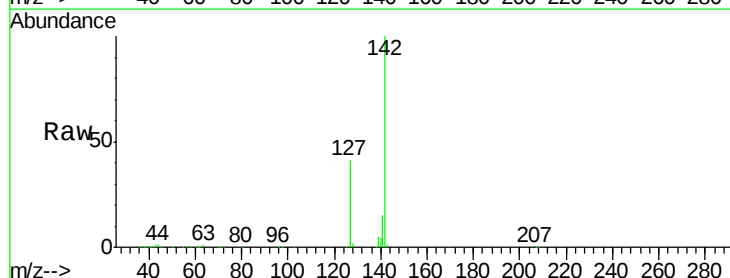
Tgt Ion:142 Resp: 1180317

Ion Ratio Lower Upper

142 100

127 41.1 32.5 48.7

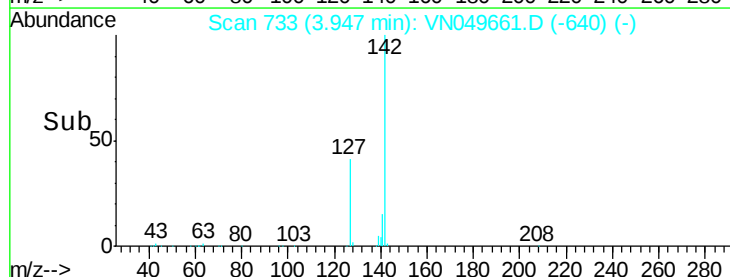
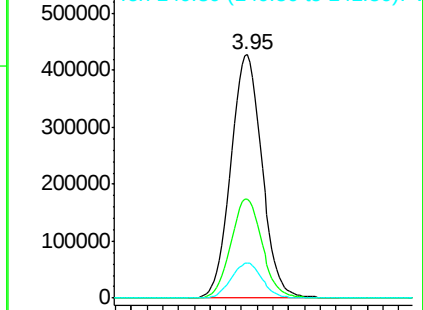
141 14.3 11.1 16.7

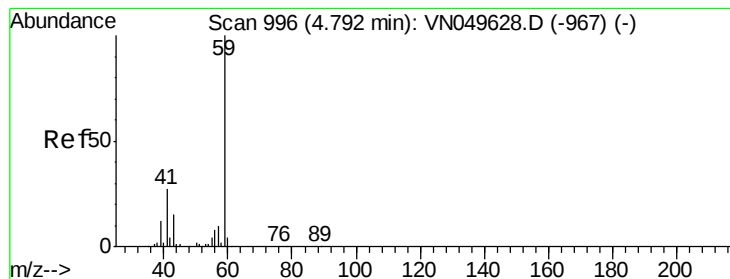


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



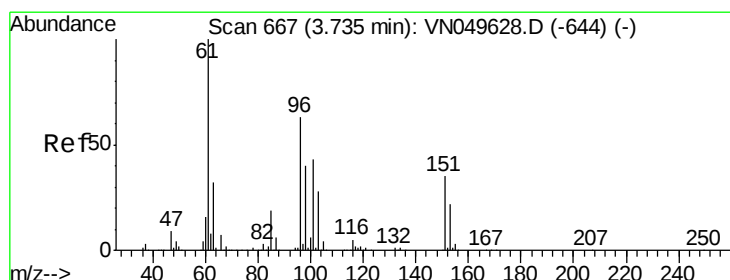
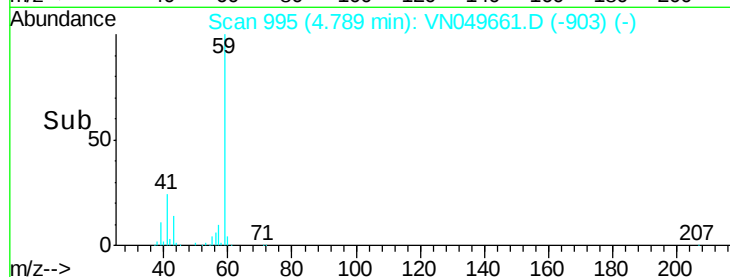
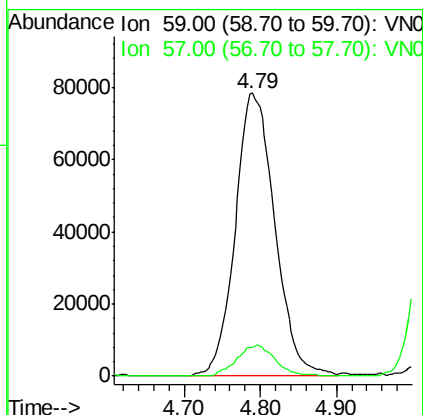
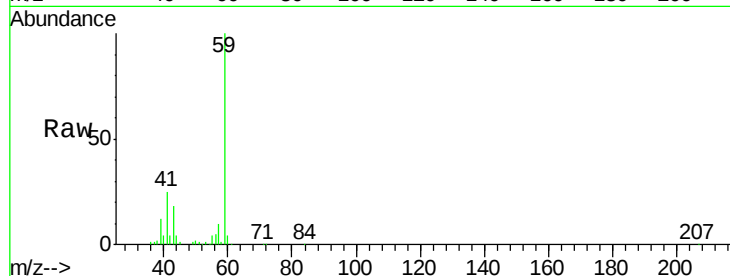


#11

Tert butyl alcohol
 Concen: 273.56 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

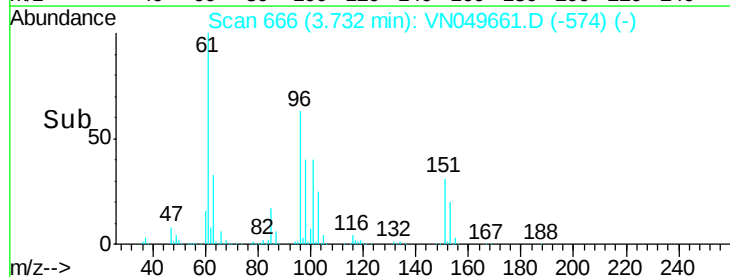
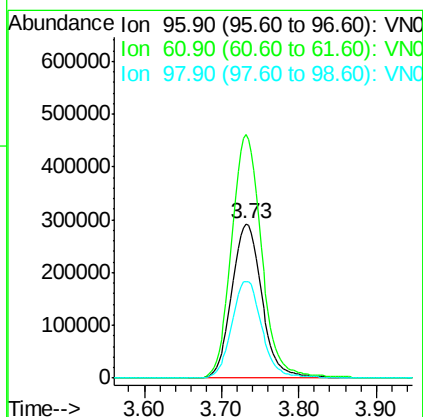
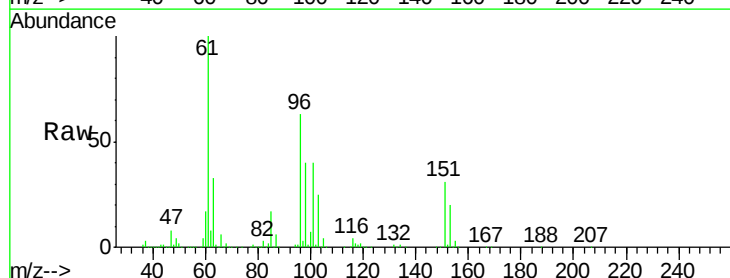
Tot Ion: 59 Resp: 281639
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

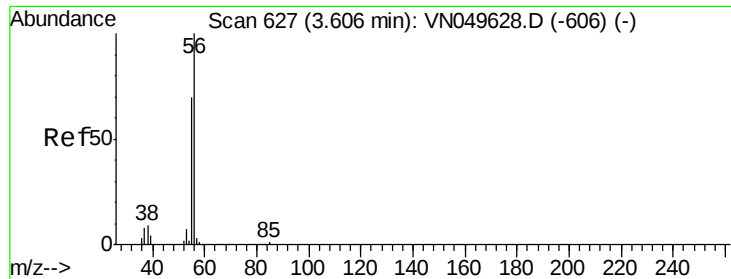


#12

1,1-Dichloroethene
 Concen: 49.44 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion: 96 Resp: 788864
 Ion Ratio Lower Upper
 96 100
 61 157.9 126.5 189.7
 98 62.9 51.0 76.6





#13

Acrolein

Concen: 263.15 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampled :

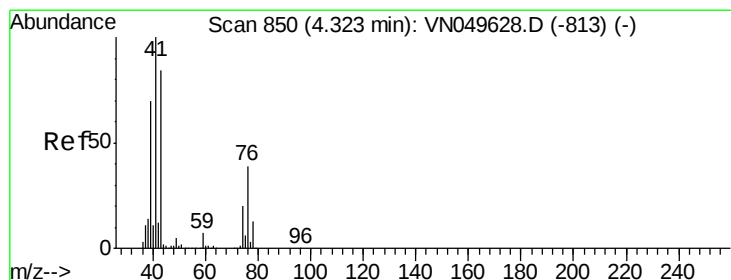
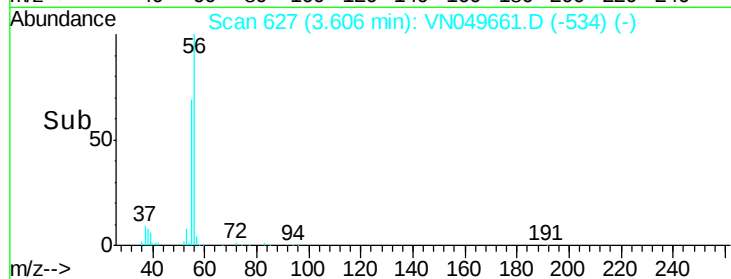
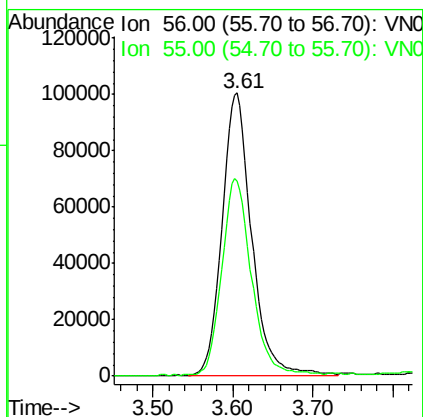
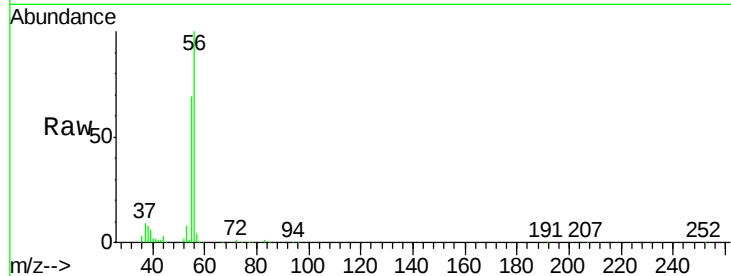
VSTDCCC050

Tot Ion: 56 Resp: 253060

Ion Ratio Lower Upper

56 100

55 69.9 55.8 83.8



#14

Allyl chloride

Concen: 52.66 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

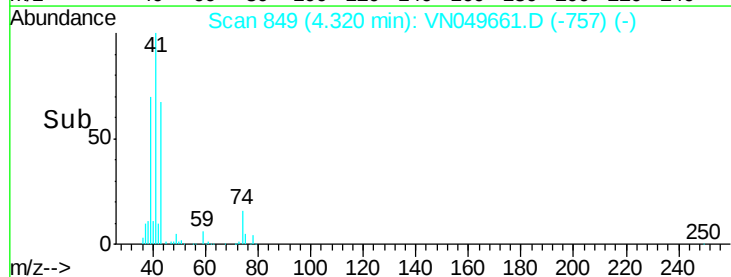
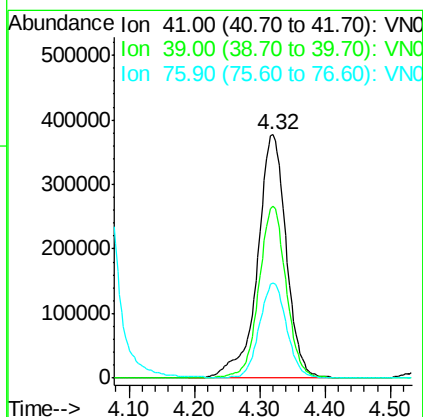
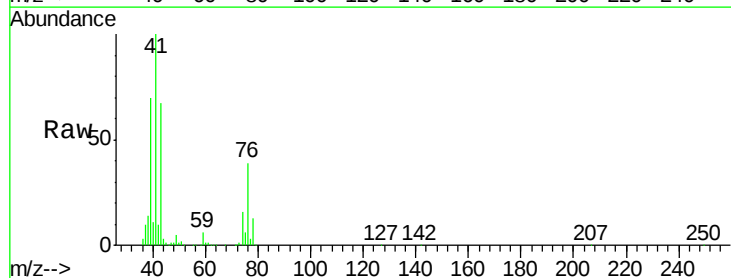
Tgt Ion: 41 Resp: 1154207

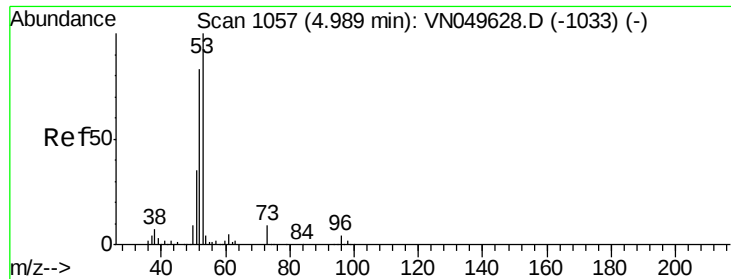
Ion Ratio Lower Upper

41 100

39 66.9 53.2 79.8

76 36.5 29.0 43.6





#15

Acrylonitrile

Concen: 258.90 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

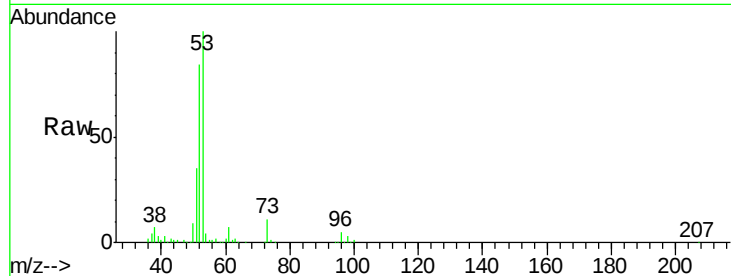
Tot Ion: 53 Resp: 1376680

Ion Ratio Lower Upper

53 100

52 83.4 64.8 97.2

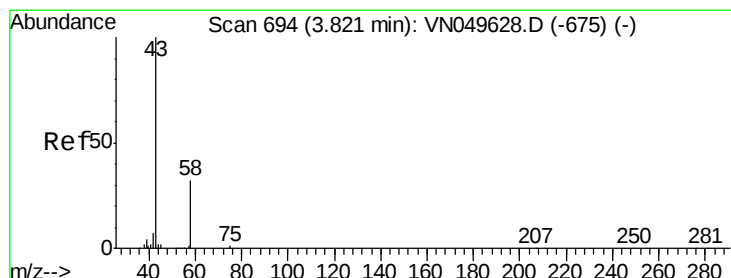
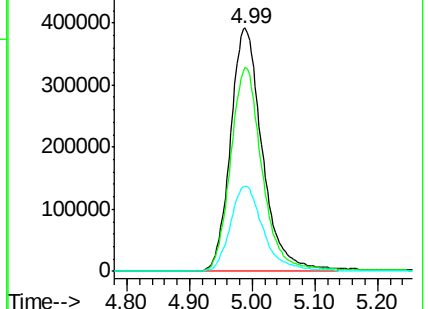
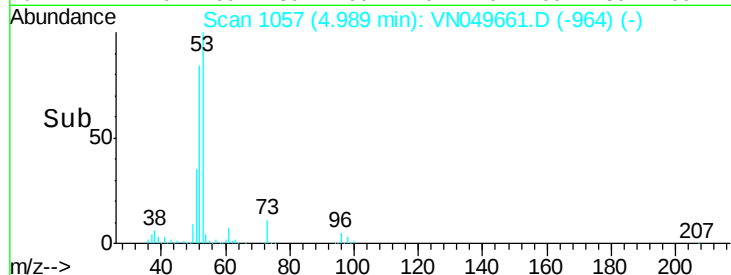
51 36.3 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049661.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN049661.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN049661.D (-964) (-)



#16

Acetone

Concen: 270.05 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049661.D

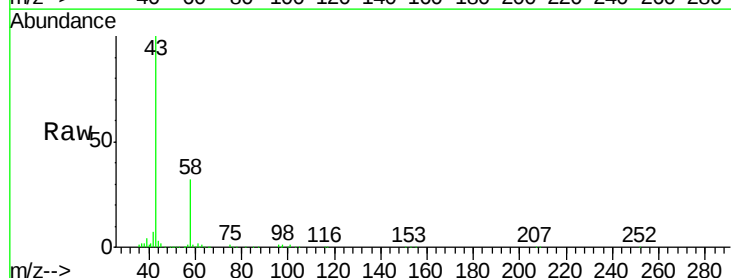
Acq: 2 Jul 2018 11:12

Tgt Ion: 43 Resp: 970719

Ion Ratio Lower Upper

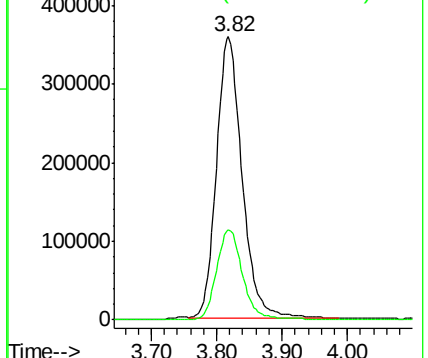
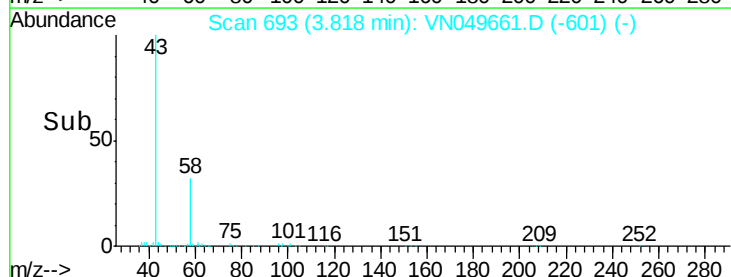
43 100

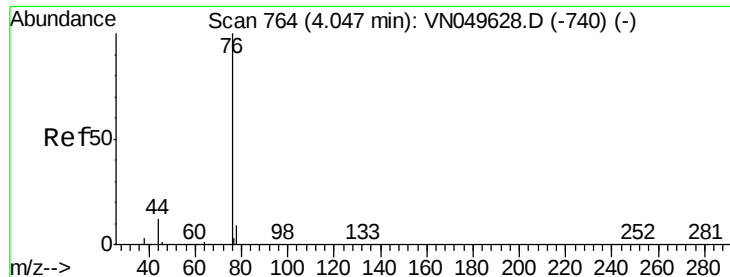
58 31.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049661.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049661.D (-601) (-)

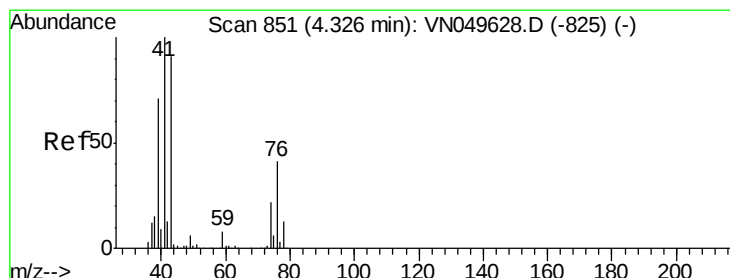
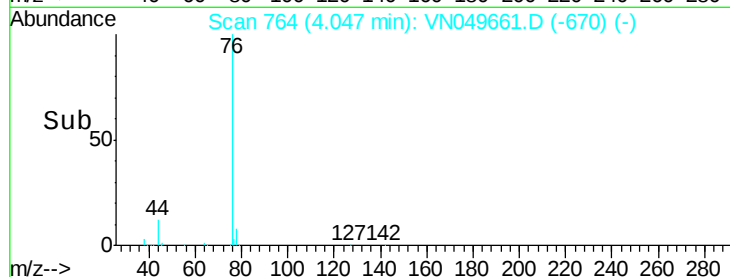
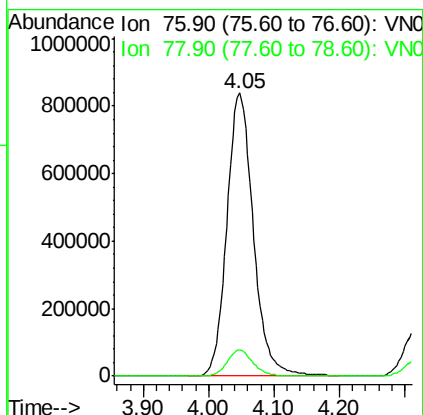
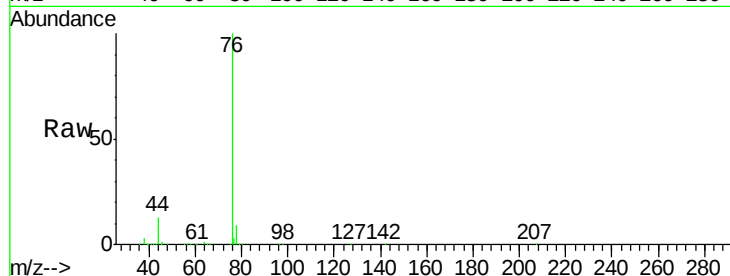




#17
Carbon Disulfide
Concen: 53.65 ug/l
RT: 4.05 min Scan# 764
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

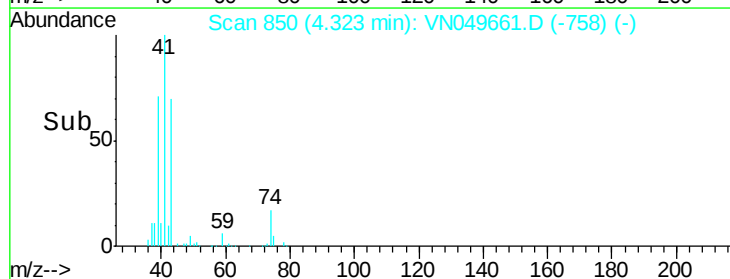
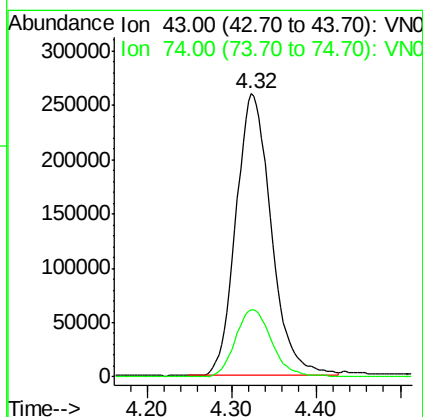
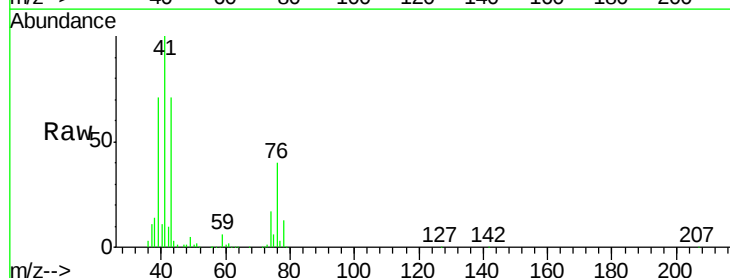
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

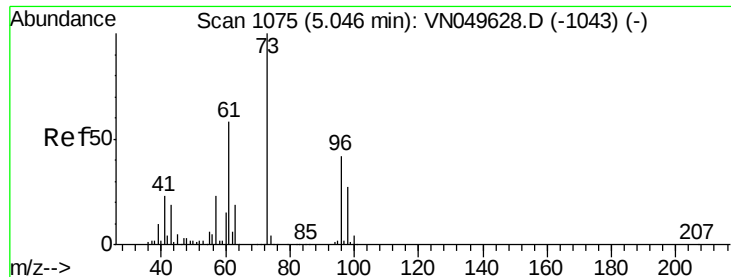
Tot Ion: 76 Resp: 2354935
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 47.48 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 43 Resp: 759186
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8

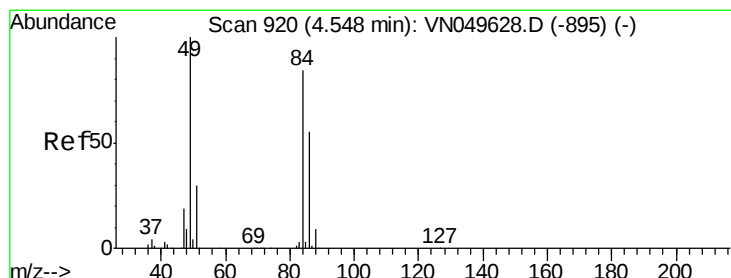
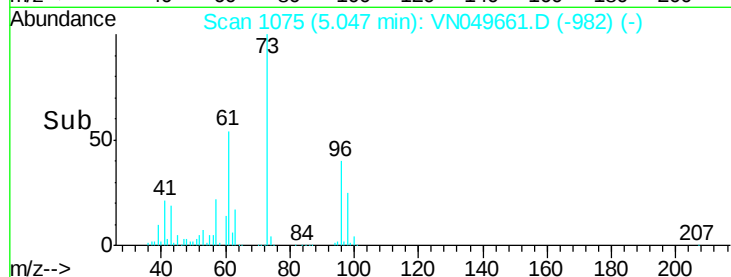
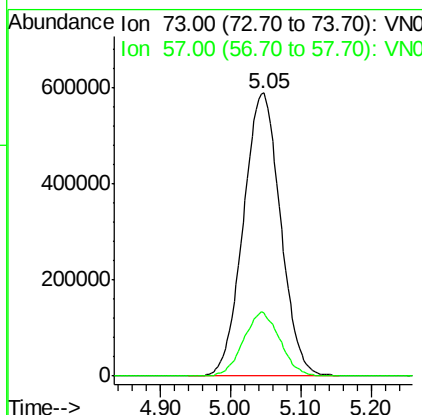
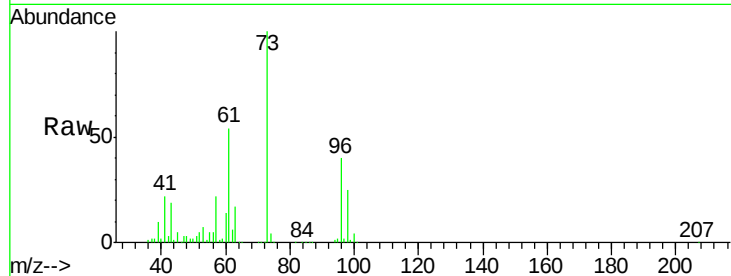




#19
Methyl tert-butyl Ether
Concen: 52.50 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

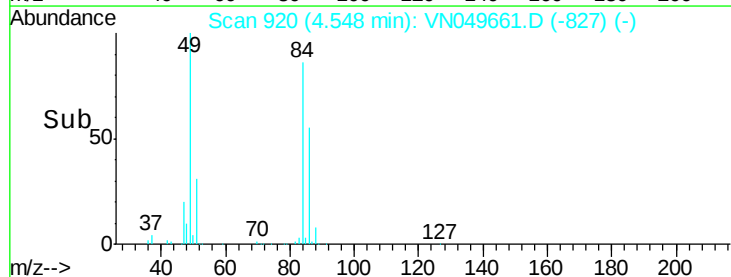
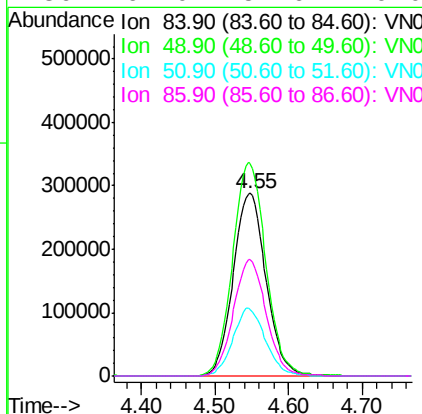
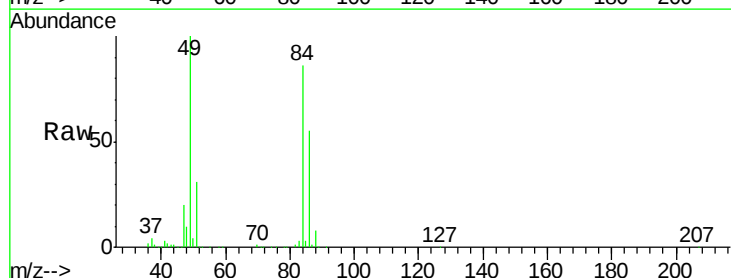
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

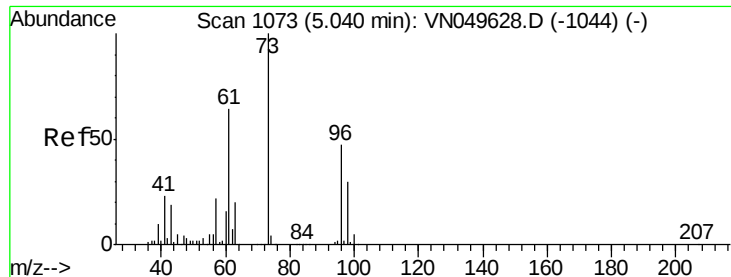
Tot Ion: 73 Resp: 2159612
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 48.48 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 84 Resp: 895588
Ion Ratio Lower Upper
84 100
49 116.1 95.4 143.2
51 36.4 28.4 42.6
86 64.0 52.6 79.0

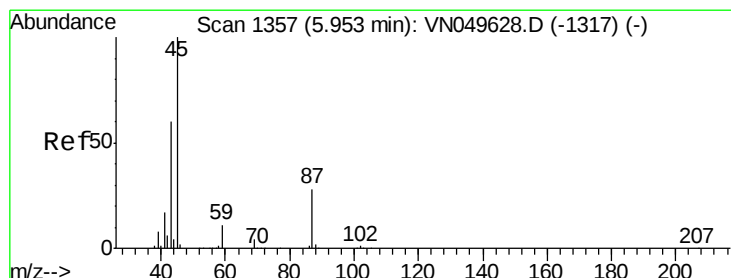
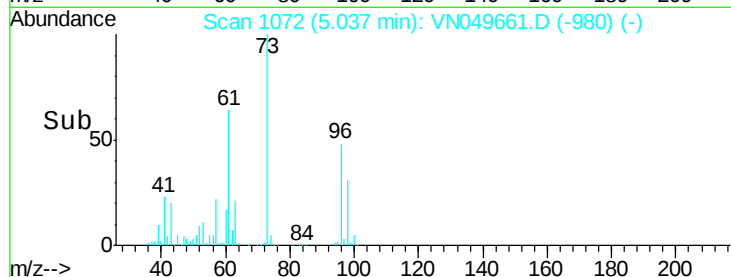
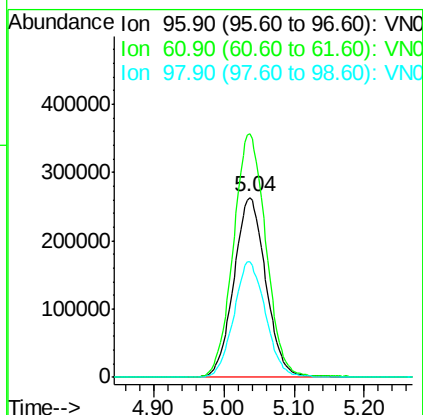
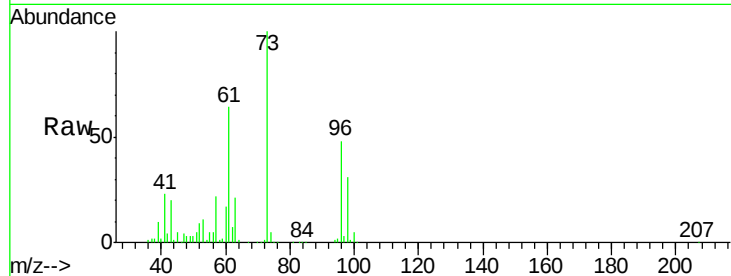




#21
trans-1,2-Dichloroethene
Concen: 50.90 ug/l
RT: 5.04 min Scan# 1072
Delta R.T. -0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

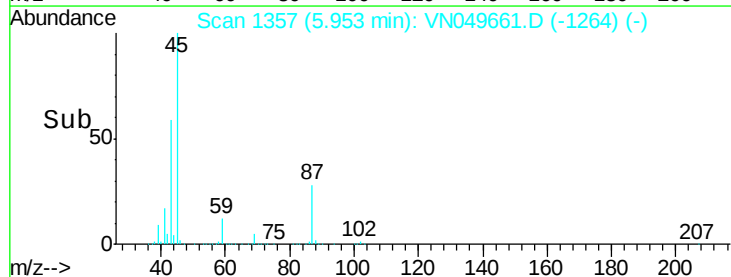
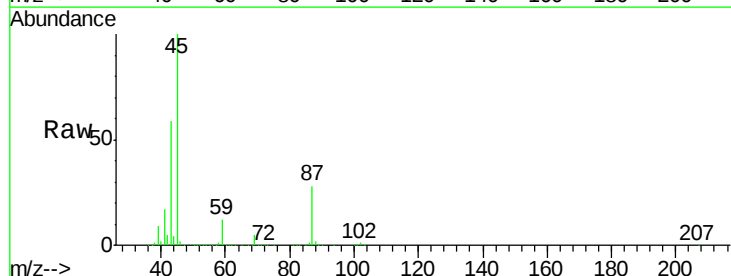
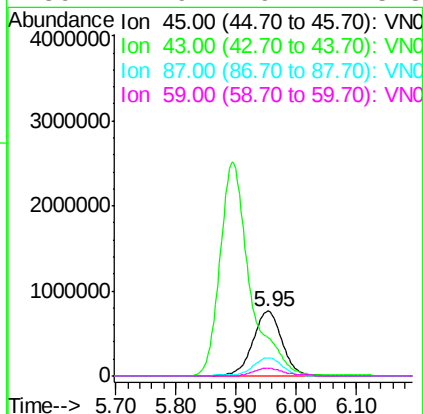
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

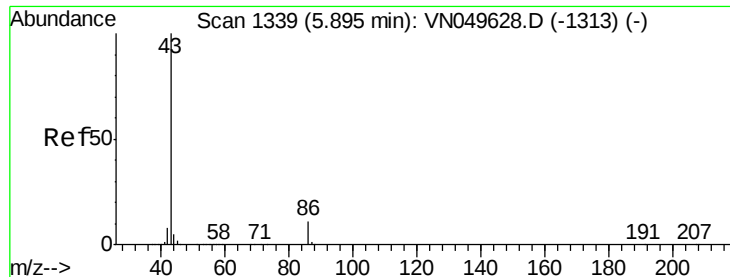
Tot Ion: 96 Resp: 835913
Ion Ratio Lower Upper
96 100
61 135.4 109.0 163.6
98 64.2 51.1 76.7



#22
Diisopropyl ether
Concen: 52.45 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 45 Resp: 2601170
Ion Ratio Lower Upper
45 100
43 58.8 48.1 72.1
87 28.0 22.6 34.0
59 11.9 9.2 13.8

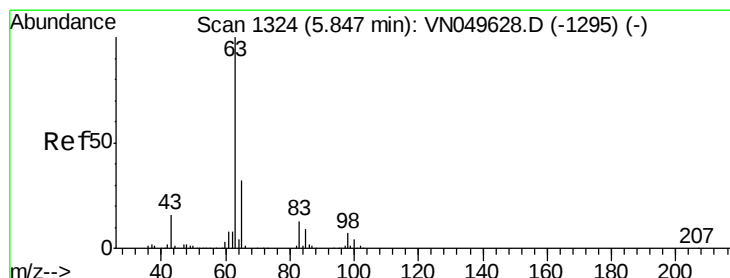
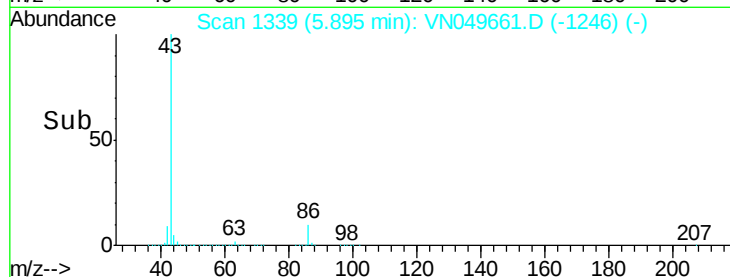
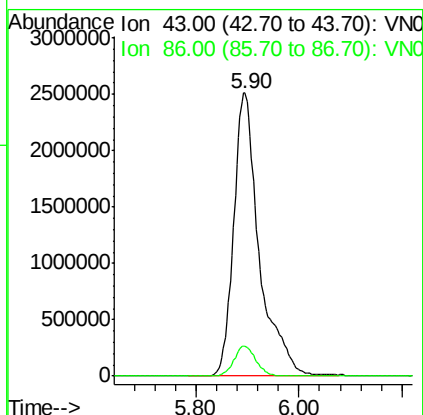
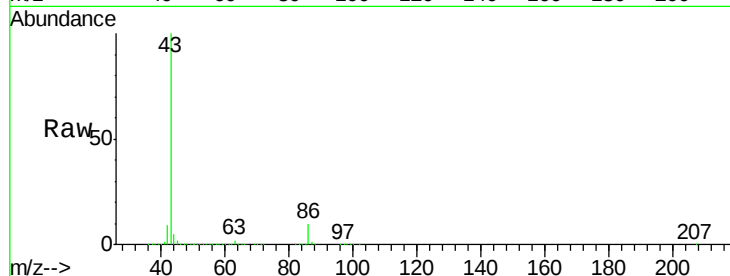




#23
 Vinyl Acetate
 Concen: 269.95 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

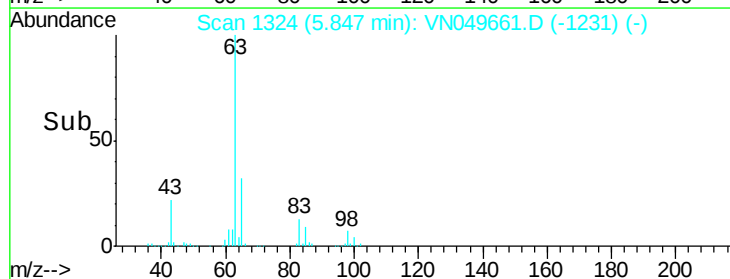
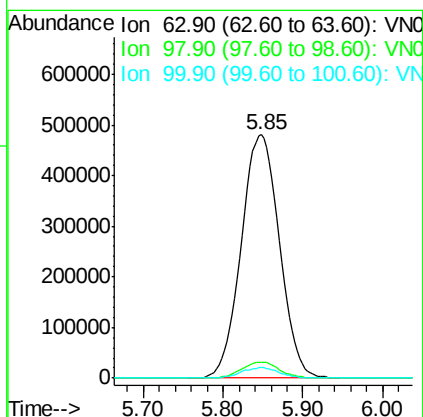
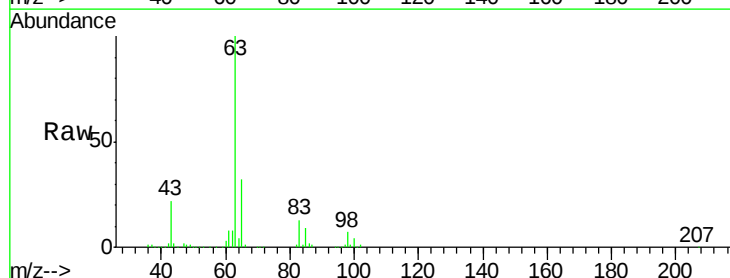
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

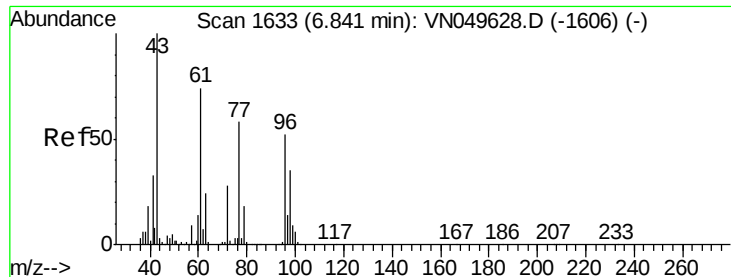
Tot Ion: 43 Resp: 8681030
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 49.91 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion: 63 Resp: 1559118
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.2 2.2 6.6

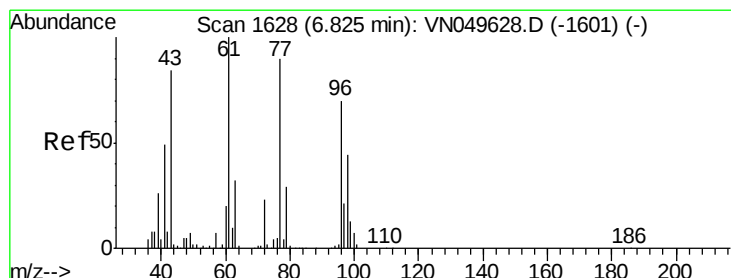
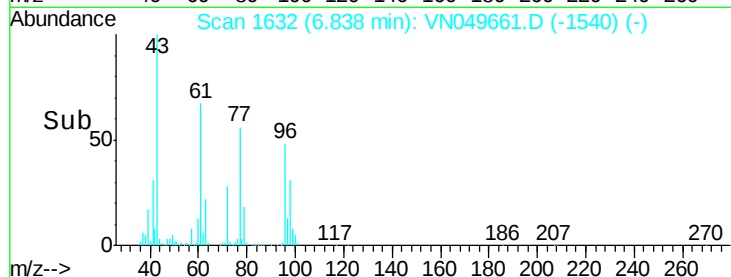
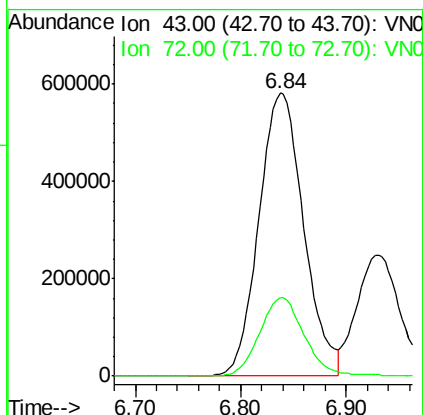
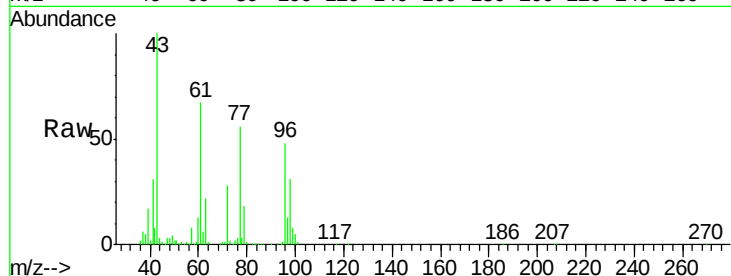




#25
2-Butanone
Concen: 287.16 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

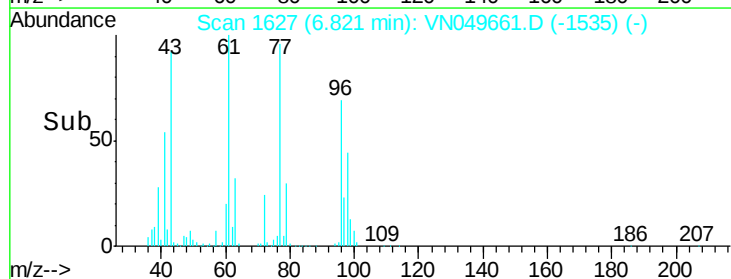
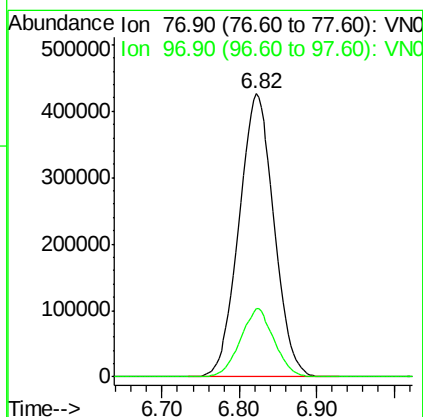
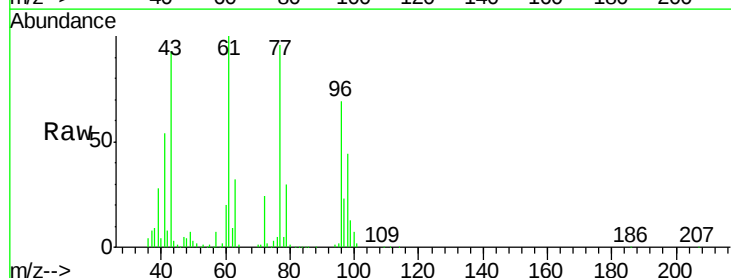
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

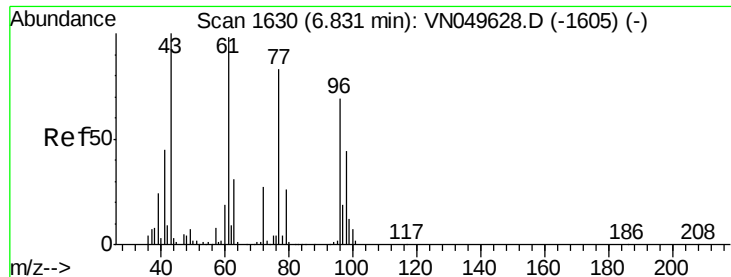
Tot Ion: 43 Resp: 1710388
Ion Ratio Lower Upper
43 100
72 27.8 22.1 33.1



#26
2,2-Dichloropropane
Concen: 51.66 ug/l
RT: 6.82 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 77 Resp: 1340527
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5

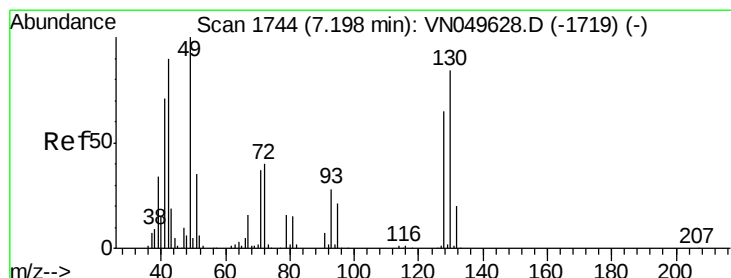
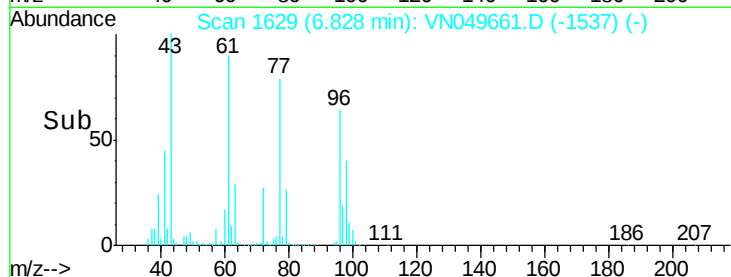
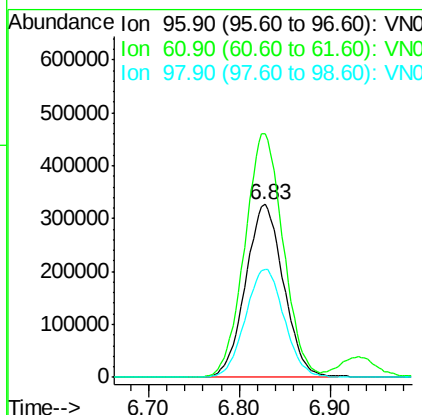
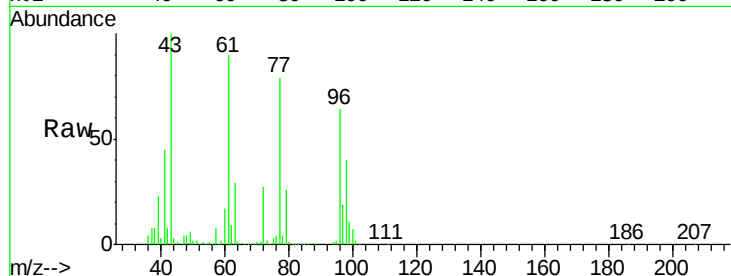




#27
 cis-1,2-Dichloroethene
 Concen: 51.71 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

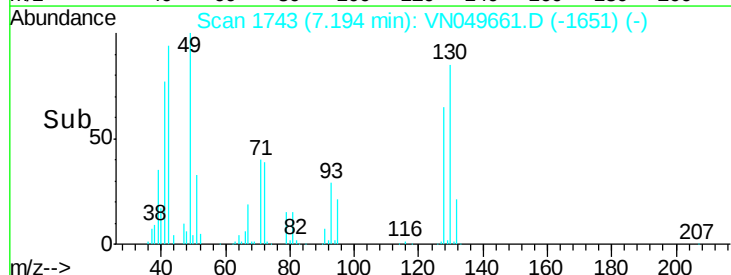
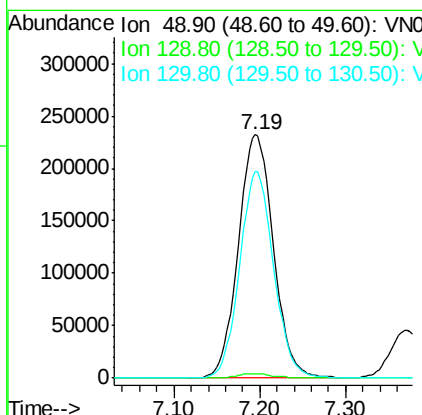
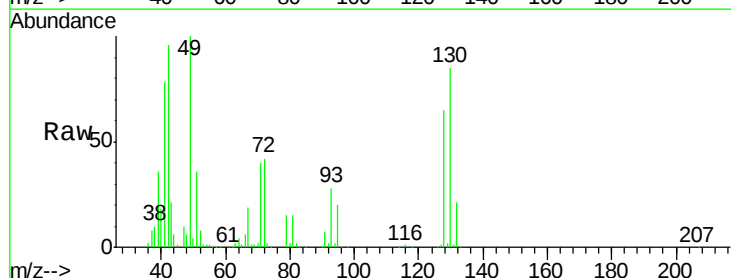
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

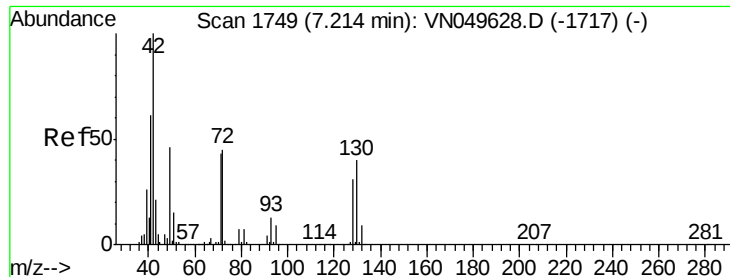
Tot Ion: 96 Resp: 948527
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 289.0
 98 64.1 0.0 130.2



#28
 Bromochloromethane
 Concen: 49.64 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion: 49 Resp: 658212
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 82.3 65.5 98.3

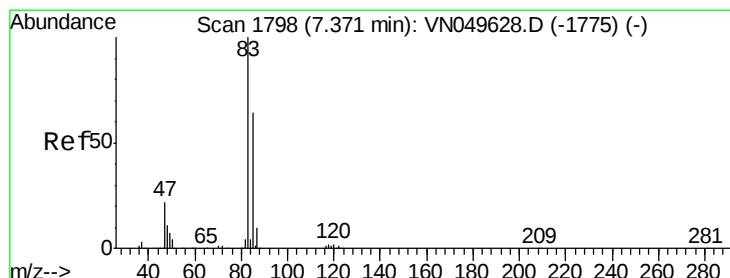
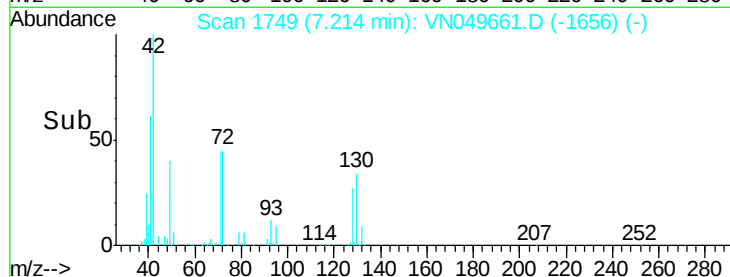
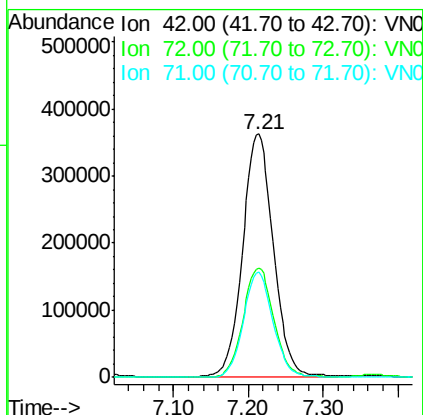
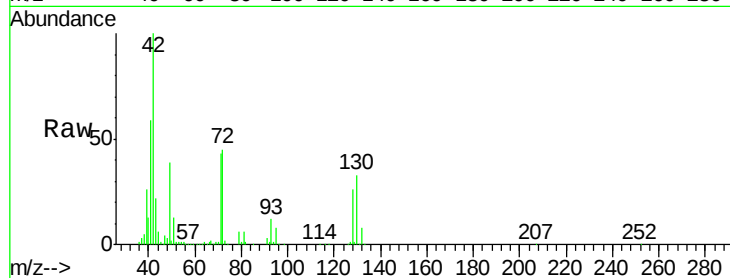




#29
Tetrahydrofuran
Concen: 272.48 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

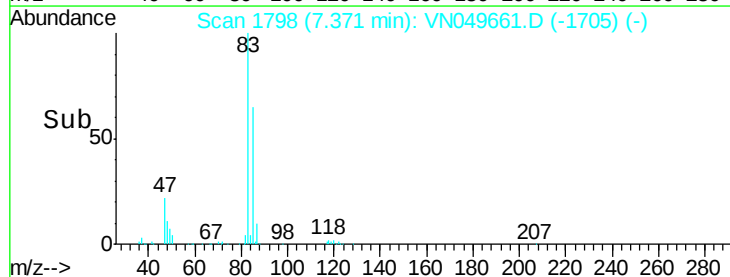
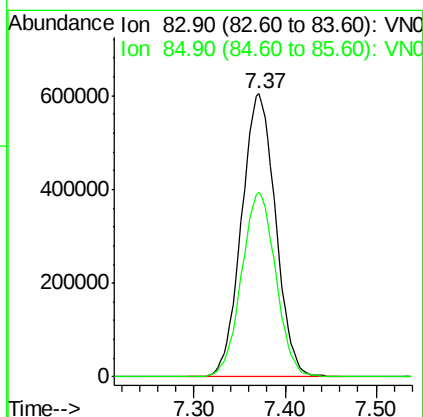
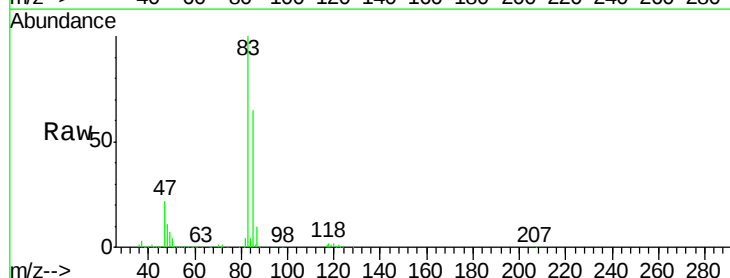
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

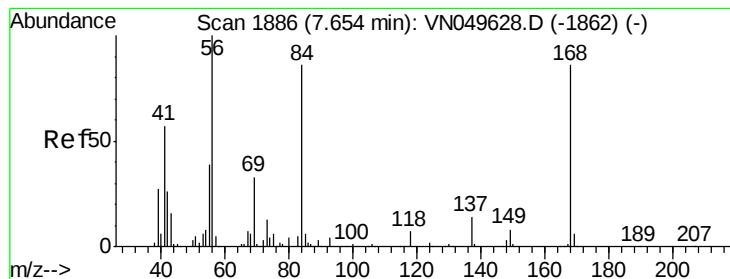
Tot Ion: 42 Resp: 1034409
Ion Ratio Lower Upper
42 100
72 44.7 35.6 53.4
71 41.7 34.0 51.0



#30
Chloroform
Concen: 49.40 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 83 Resp: 1573208
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2





#31

Cyclohexane

Concen: 54.20 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

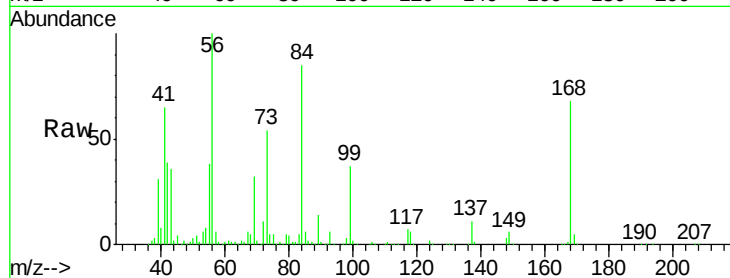
Tot Ion: 56 Resp: 1449702

Ion Ratio Lower Upper

56 100

69 31.7 26.6 40.0

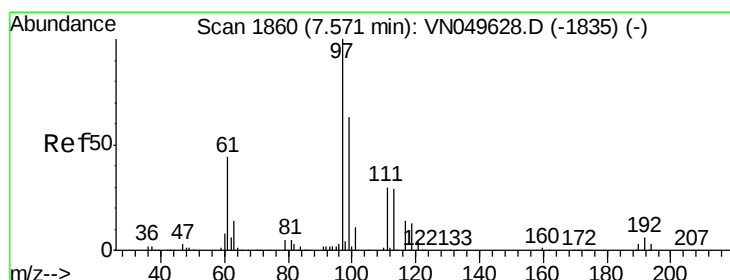
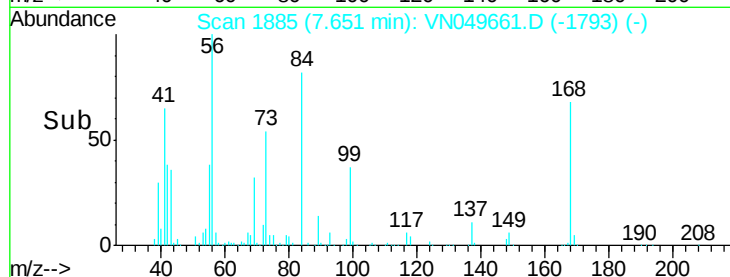
84 83.7 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN049661.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049661.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049661.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 50.67 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

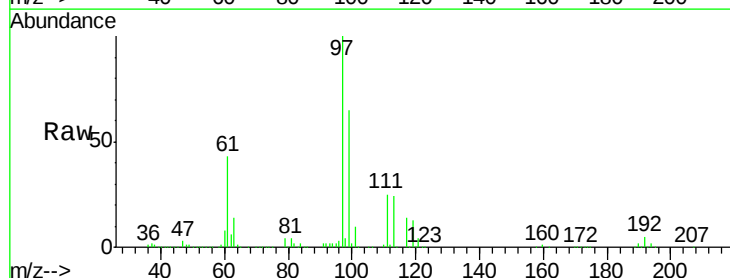
Tgt Ion: 97 Resp: 1366176

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

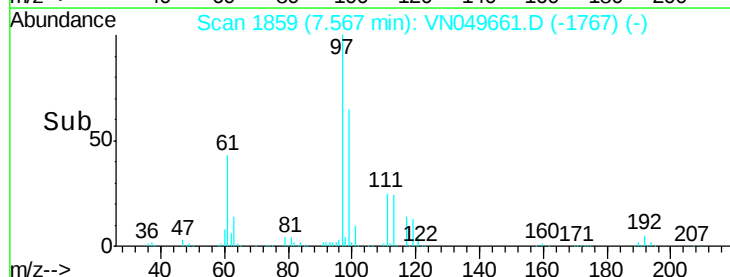
61 42.9 35.5 53.3

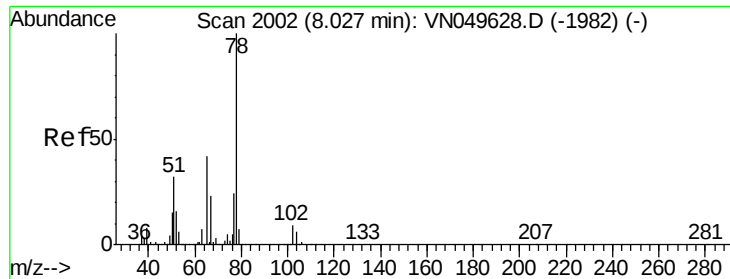


Abundance Ion 96.90 (96.60 to 97.60): VN049661.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN049661.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN049661.D (-1767) (-)

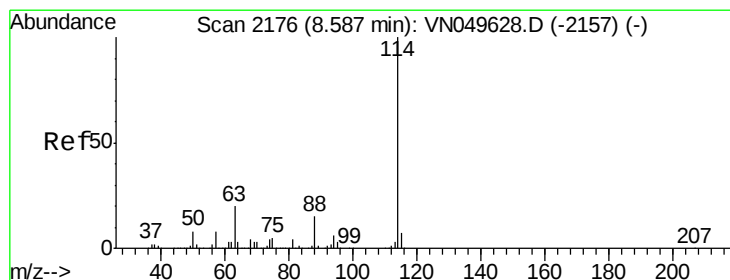
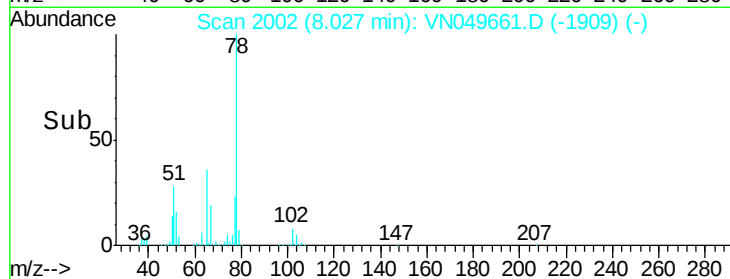
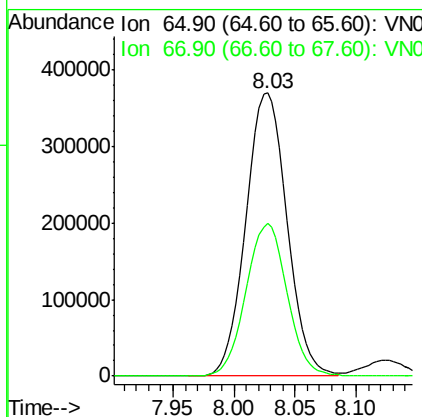
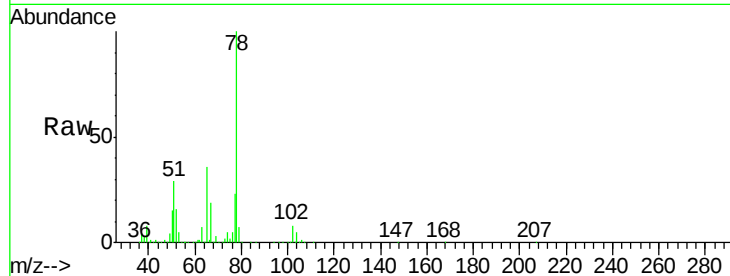




#33
 1,2-Dichloroethane-d4
 Concen: 48.17 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

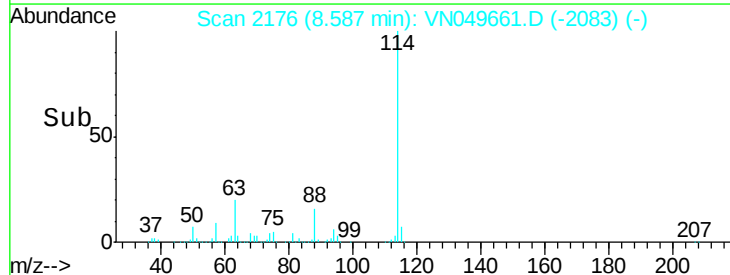
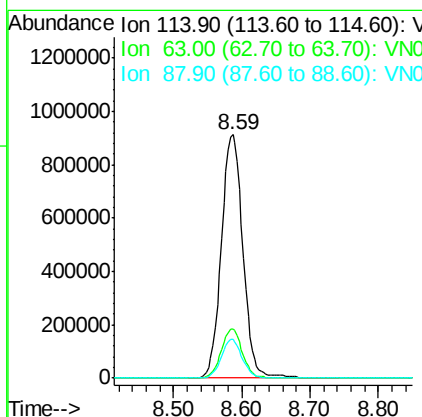
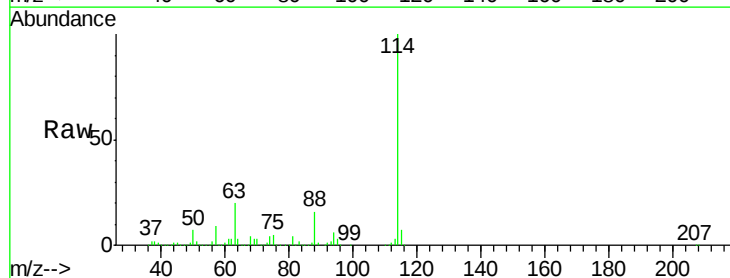
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

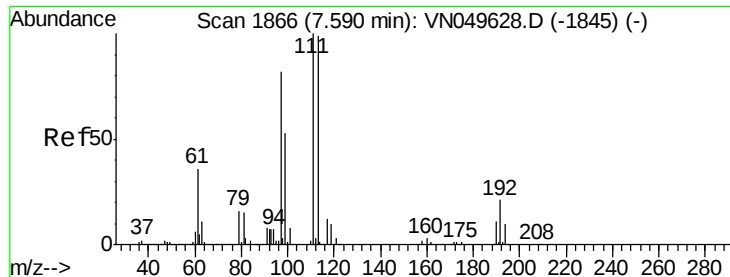
Tot Ion: 65 Resp: 864200
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion: 114 Resp: 2004022
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.9 0.0 30.6

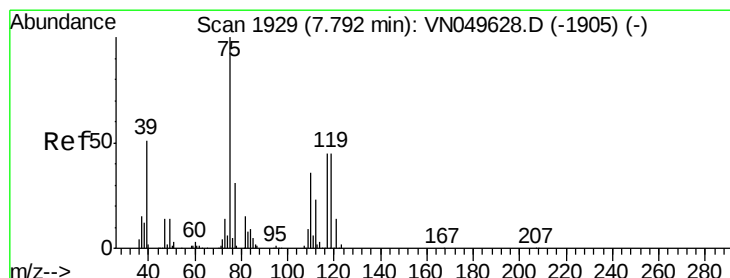
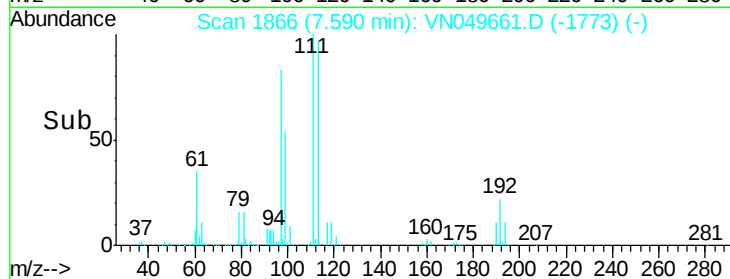
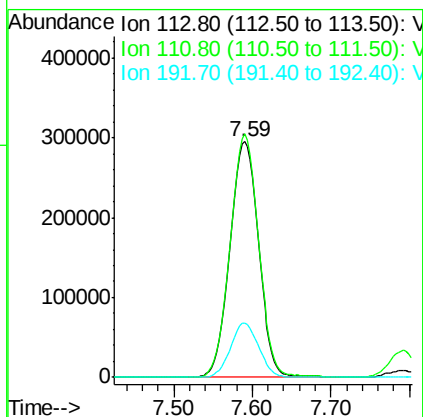
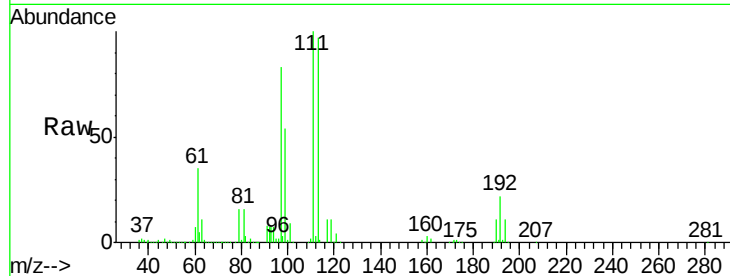




#35
 Dibromofluoromethane
 Concen: 50.10 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

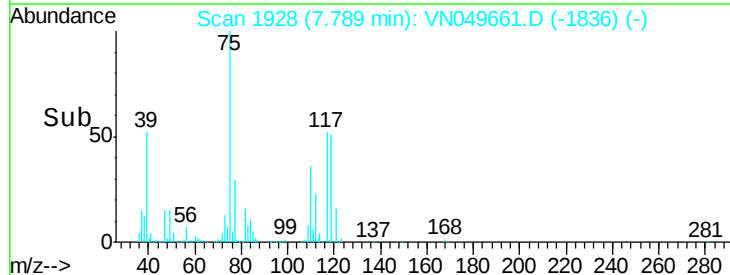
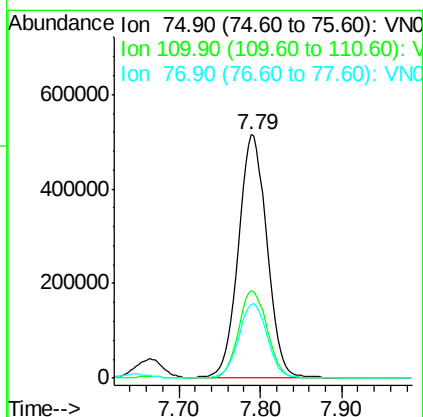
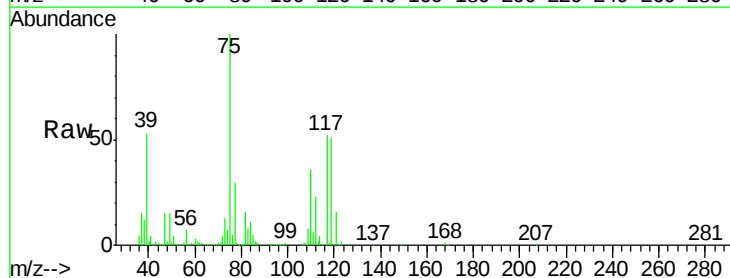
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

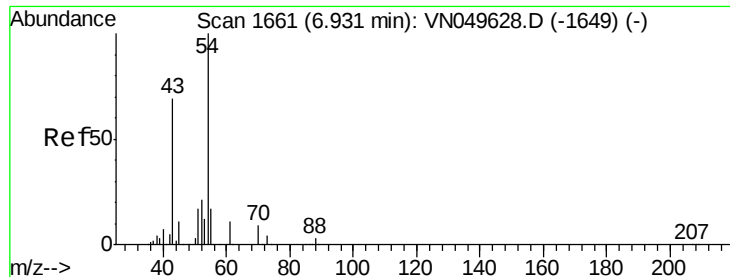
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	22.6	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 54.99 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.4
77	30.8	24.9	37.3

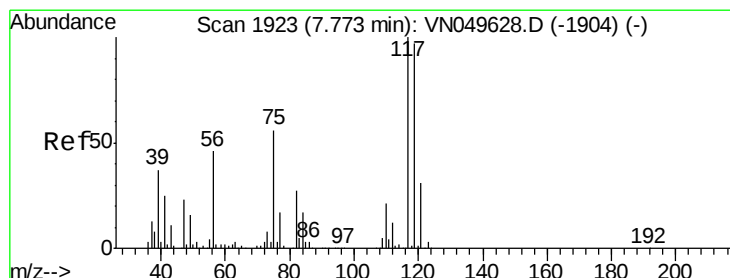
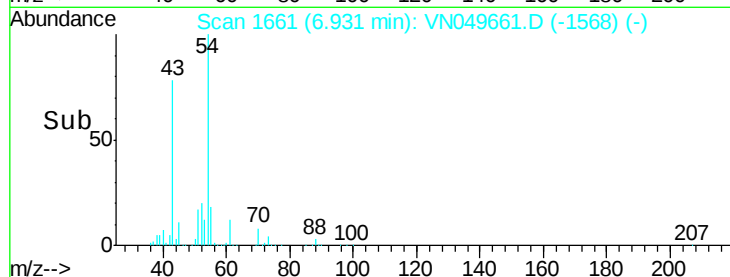
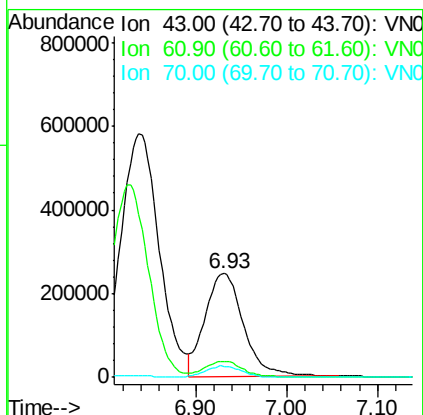
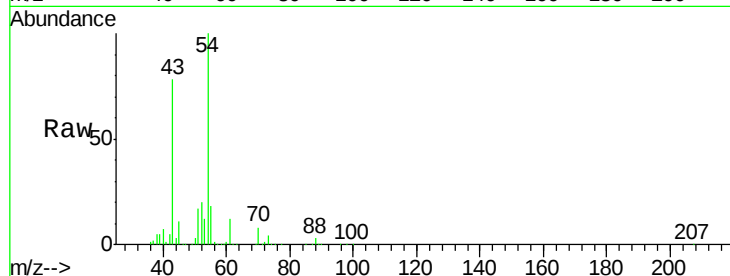




#37
Ethyl Acetate
Concen: 54.96 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

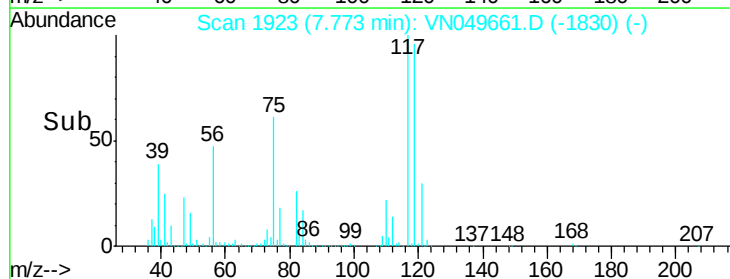
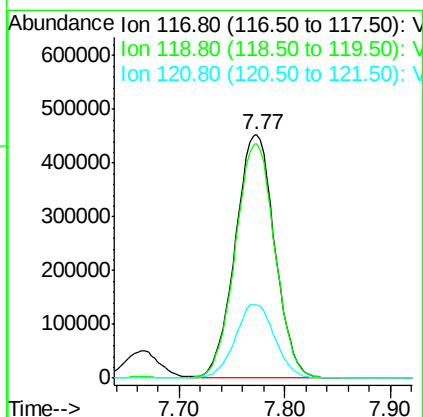
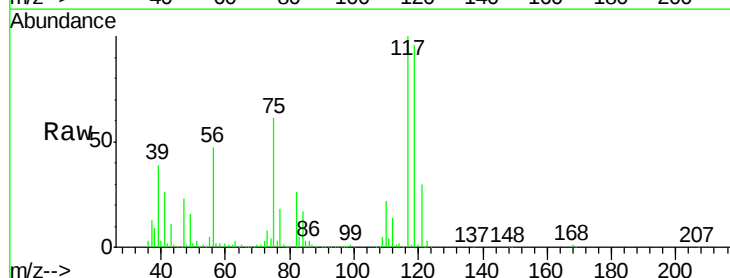
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

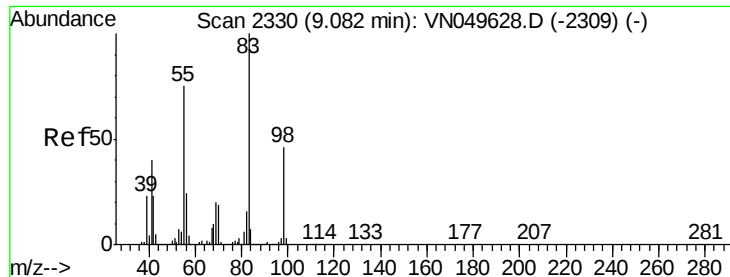
Tot Ion: 43 Resp: 722698
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 53.50 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 117 Resp: 1173410
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8
121 30.2 25.0 37.6

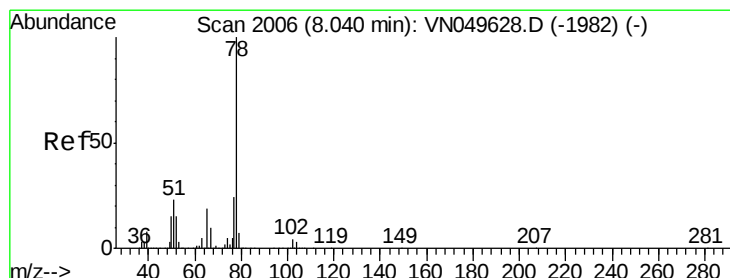
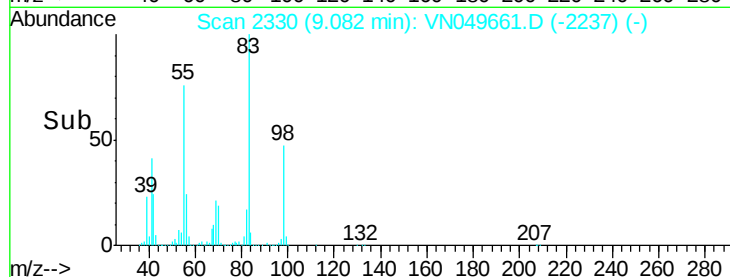
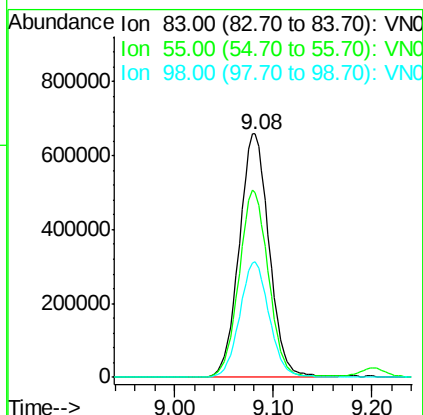
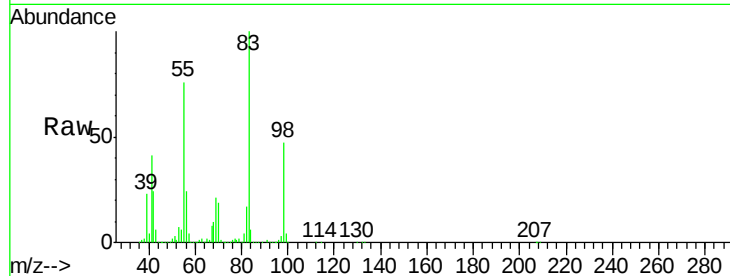




#39
Methvlcvclohexane
Concen: 56.02 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

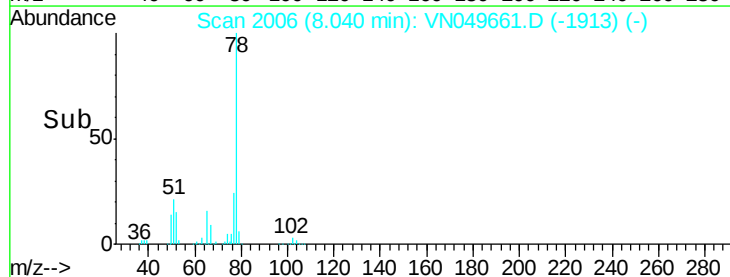
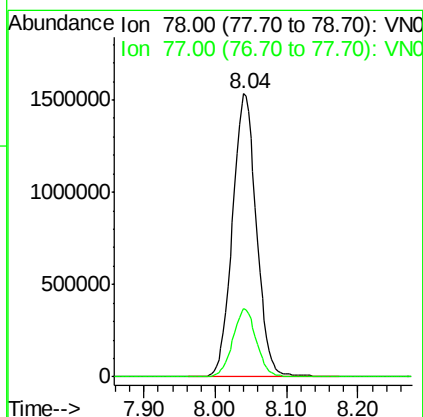
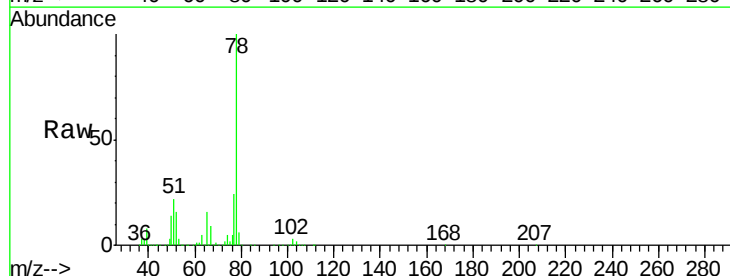
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

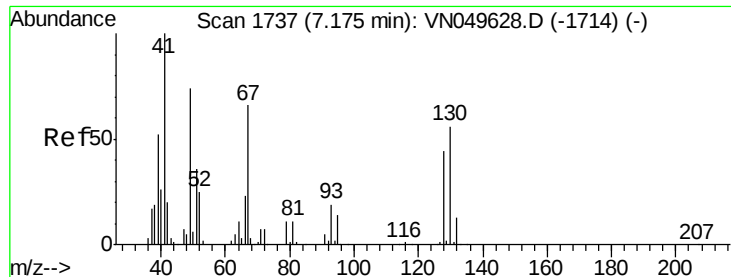
Tot Ion: 83 Resp: 1384738
Ion Ratio Lower Upper
83 100
55 75.6 59.7 89.5
98 47.2 36.5 54.7



#40
Benzene
Concen: 52.36 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 78 Resp: 3604685
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

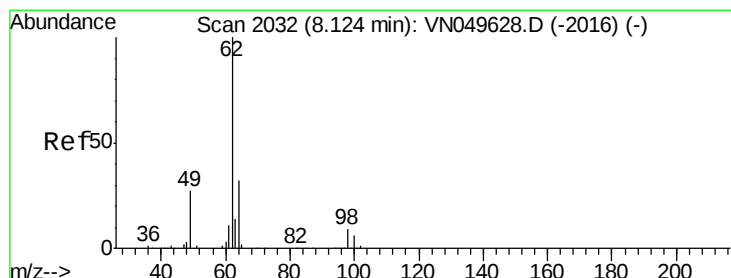
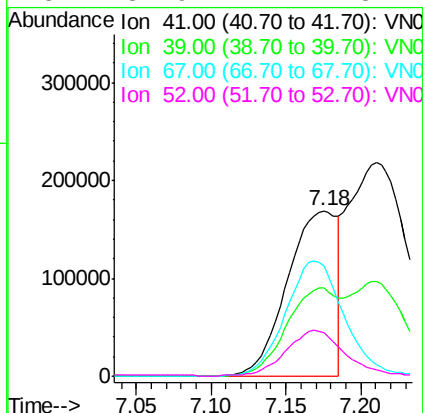
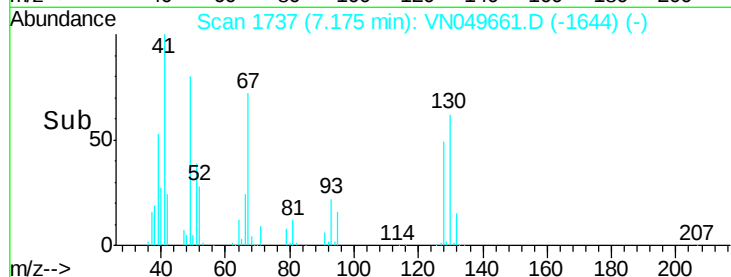
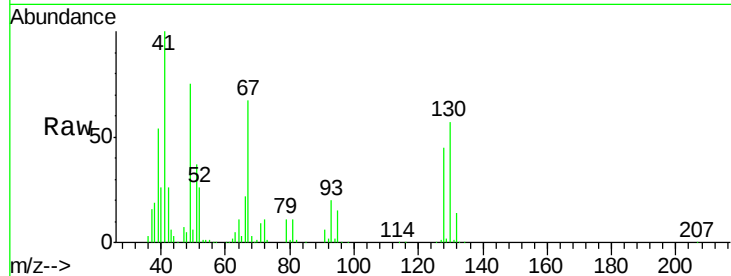




#41
Methacrylonitrile
Concen: 52.47 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

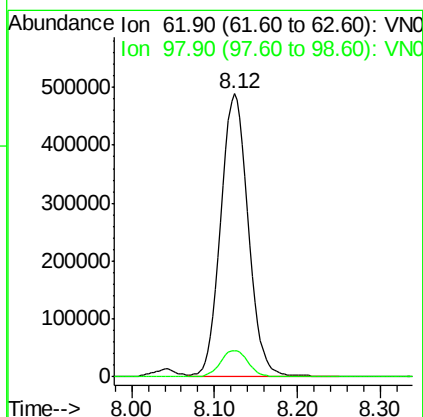
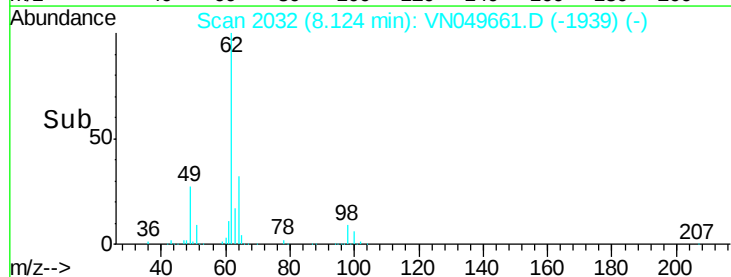
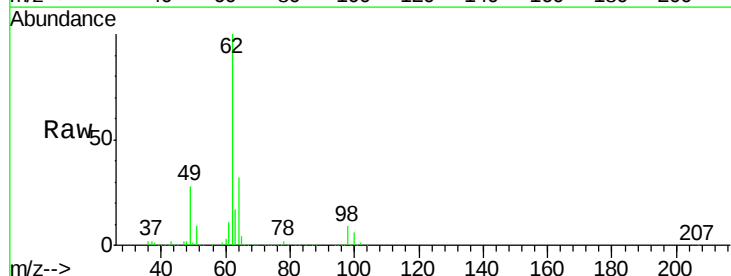
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

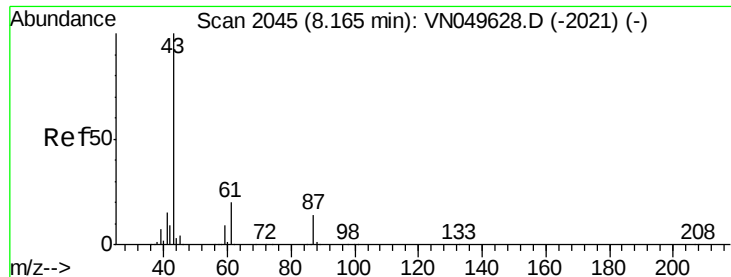
Tot Ion: 41 Resp: 388975
Ion Ratio Lower Upper
41 100
39 52.7 45.4 68.2
67 82.6 65.4 98.0
52 31.9 24.7 37.1



#42
1,2-Dichloroethane
Concen: 51.04 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 62 Resp: 1121400
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0





#43

Isopropyl Acetate

Concen: 51.00 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

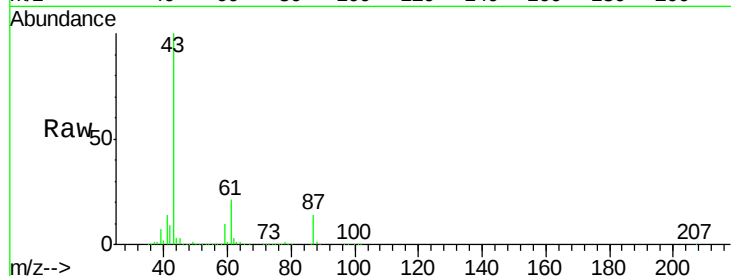
Tot Ion: 43 Resp: 1331295

Ion Ratio Lower Upper

43 100

61 20.2 14.9 22.3

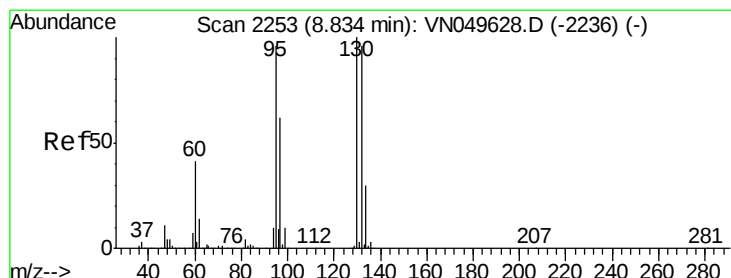
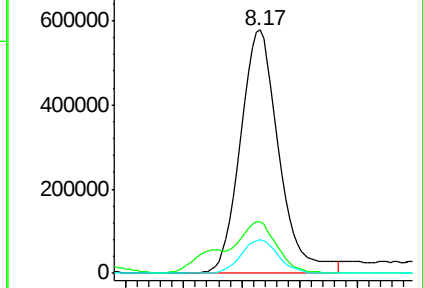
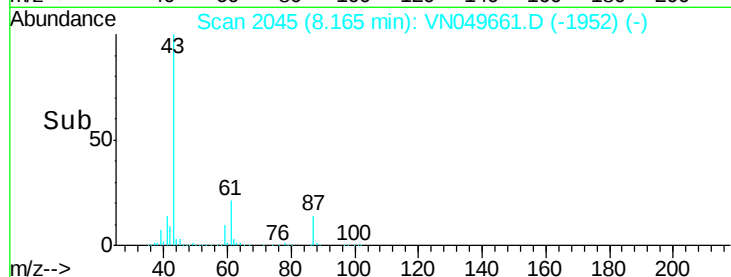
87 13.4 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049661.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049661.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049661.D (-1952) (-)



#44

Trichloroethene

Concen: 49.72 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VN049661.D

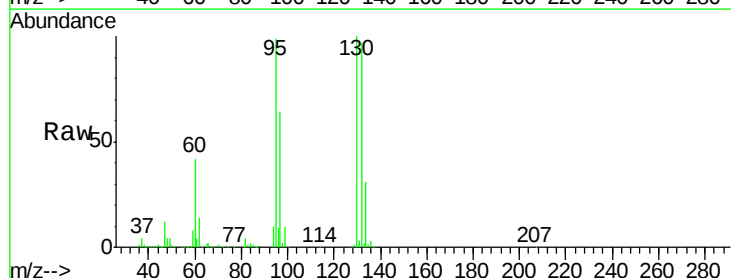
Acq: 2 Jul 2018 11:12

Tgt Ion:130 Resp: 1032352

Ion Ratio Lower Upper

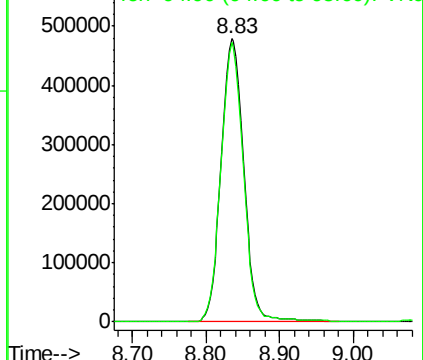
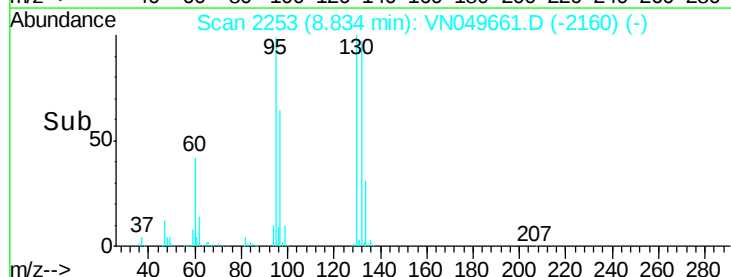
130 100

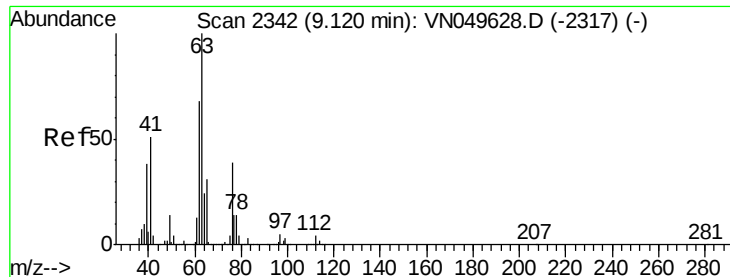
95 98.8 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049661.D (-2160) (-)

Ion 94.90 (94.60 to 95.60): VN049661.D (-2160) (-)





#45

1,2-Dichloropropane

Concen: 52.81 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

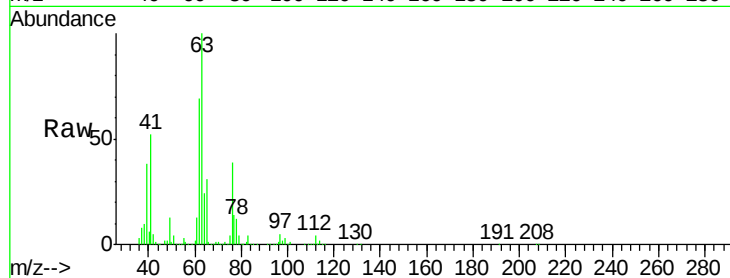
VSTDCCC050

Tot Ion: 63 Resp: 939399

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-2317) (-)

Ion 64.90 (64.60 to 65.60): VN049628.D (-2317) (-)

9.12

500000

400000

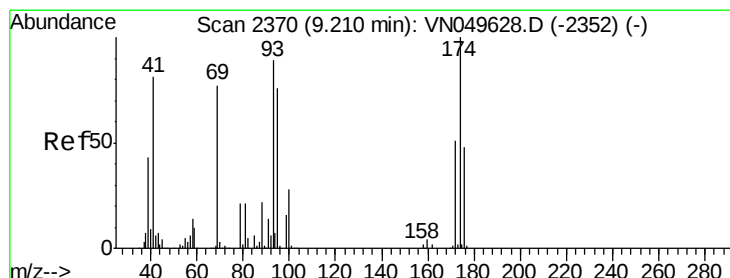
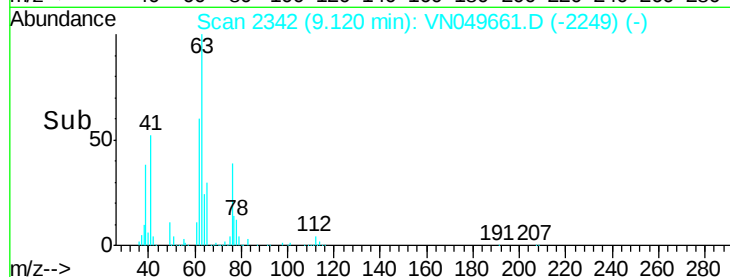
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 52.01 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

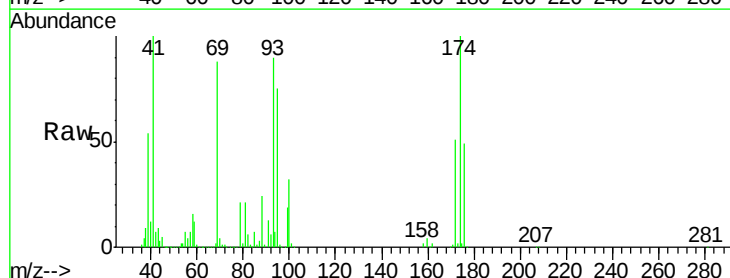
Tgt Ion: 93 Resp: 559672

Ion Ratio Lower Upper

93 100

95 83.8 67.9 101.9

174 109.3 89.4 134.0



Abundance Ion 92.80 (92.50 to 93.50): VN049628.D (-2352) (-)

Ion 94.80 (94.50 to 95.50): VN049628.D (-2352) (-)

Ion 173.70 (173.40 to 174.40): VN049628.D (-2352) (-)

400000

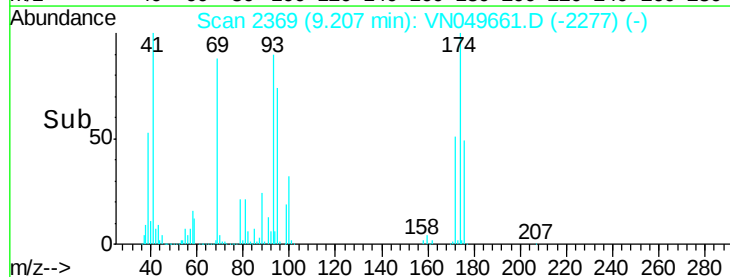
300000

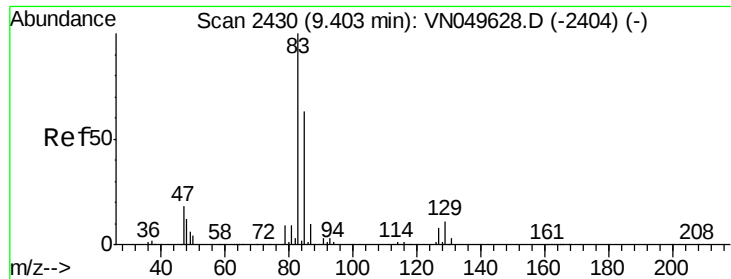
200000

100000

0

Time-->

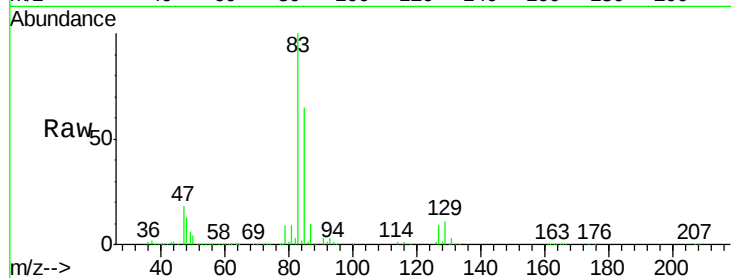




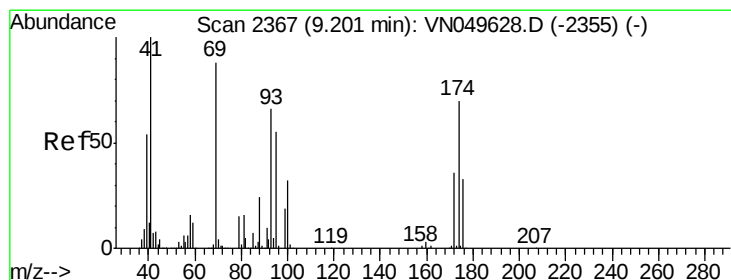
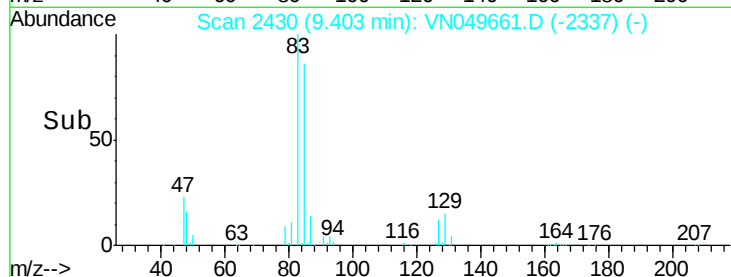
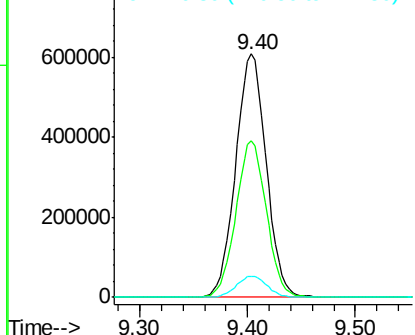
#47
Bromodichloromethane
Concen: 52.40 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 1200210
Ion Ratio Lower Upper
83 100
85 64.6 50.5 75.7
127 8.7 6.8 10.2

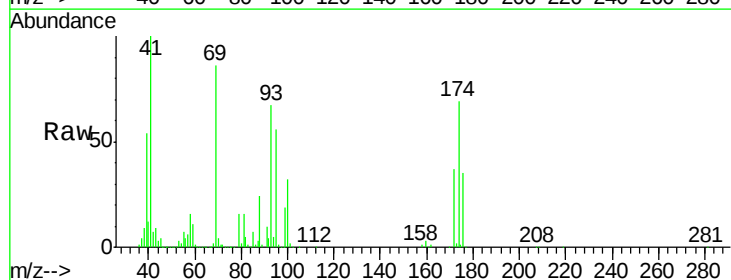


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

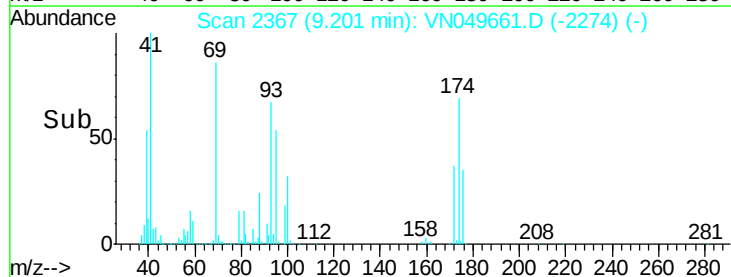
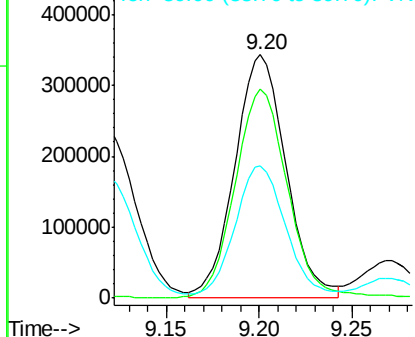


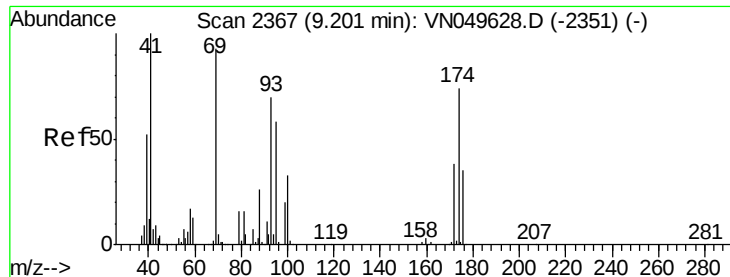
#48
Methyl methacrylate
Concen: 56.02 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 41 Resp: 654646
Ion Ratio Lower Upper
41 100
69 88.3 71.5 107.3
39 54.2 44.7 67.1



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

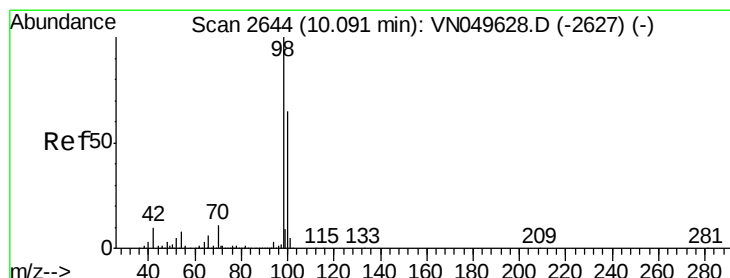
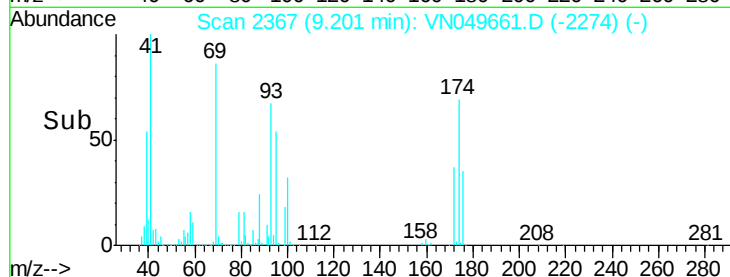
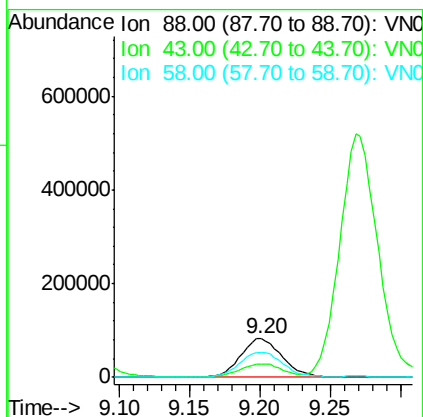
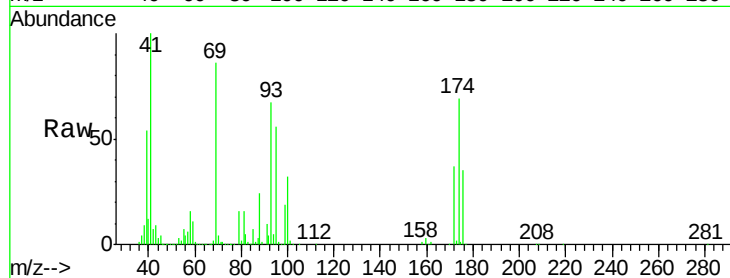




#49
1,4-Dioxane
Concen: 1091.74 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

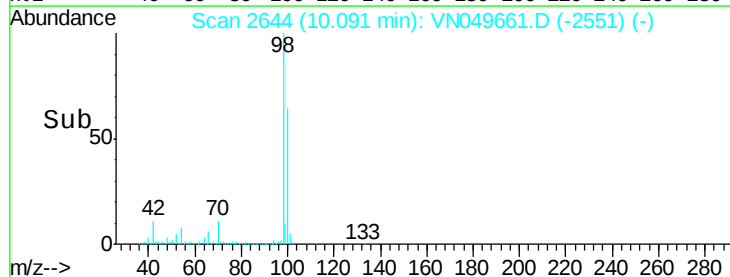
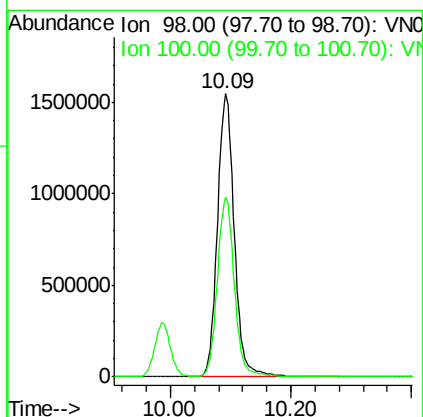
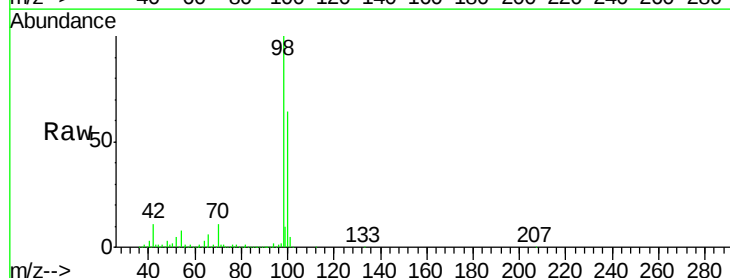
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

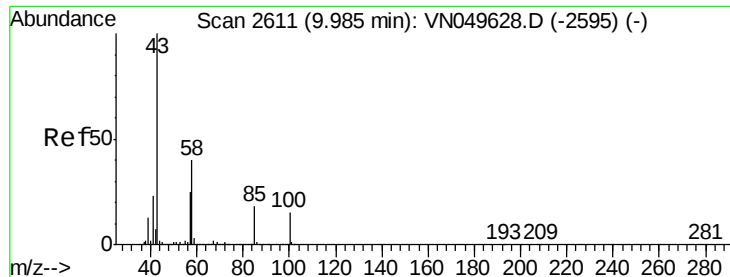
Tot Ion: 88 Resp: 171519
Ion Ratio Lower Upper
88 100
43 33.2 25.1 37.7
58 68.4 52.5 78.7



#50
Toluene-d8
Concen: 50.19 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 98 Resp: 2943129
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

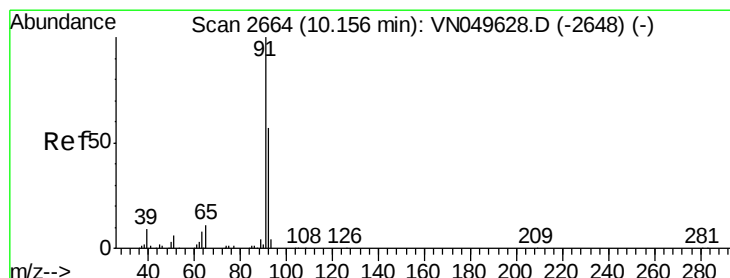
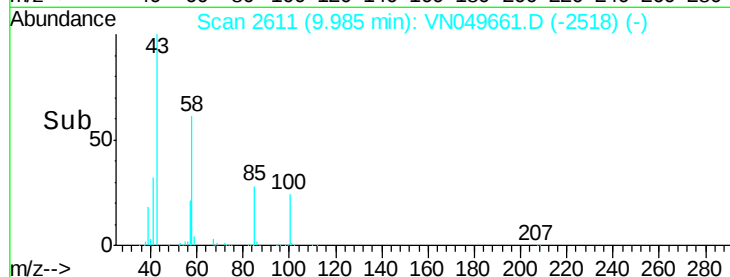
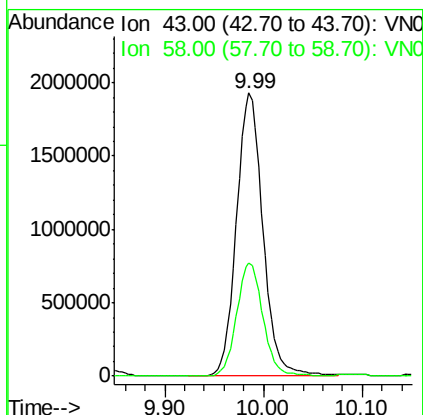
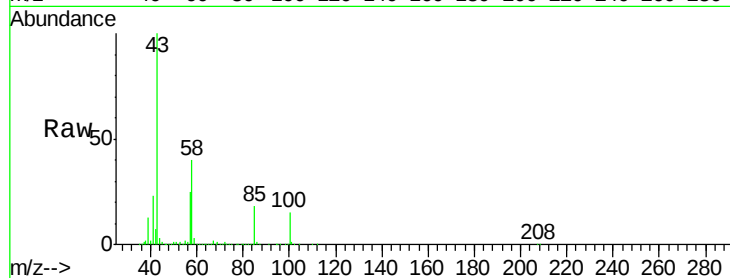




#51
4-Methyl-2-Pentanone
Concen: 278.28 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

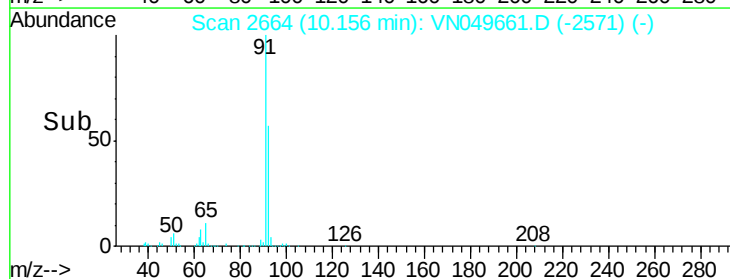
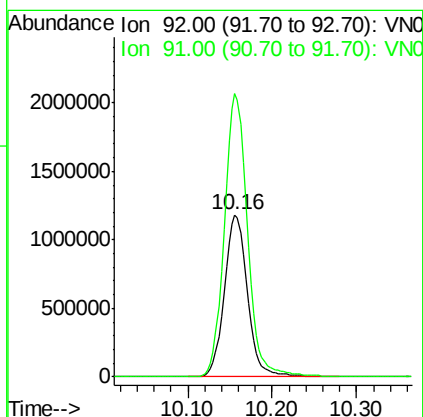
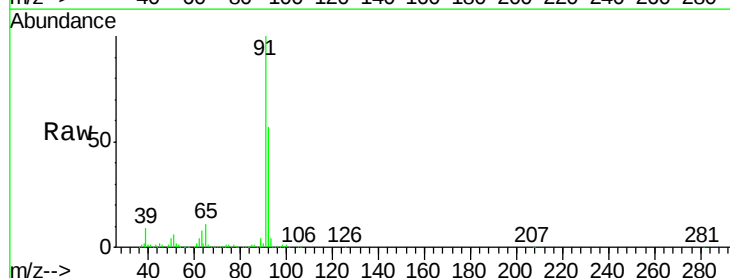
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

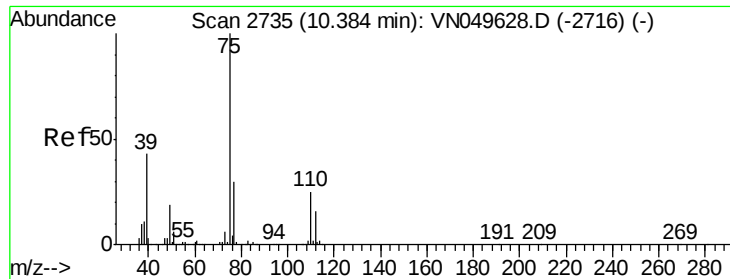
Tot Ion: 43 Resp: 3588039
Ion Ratio Lower Upper
43 100
58 39.9 31.8 47.8



#52
Toluene
Concen: 53.93 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 92 Resp: 2243184
Ion Ratio Lower Upper
92 100
91 175.8 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 54.51 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

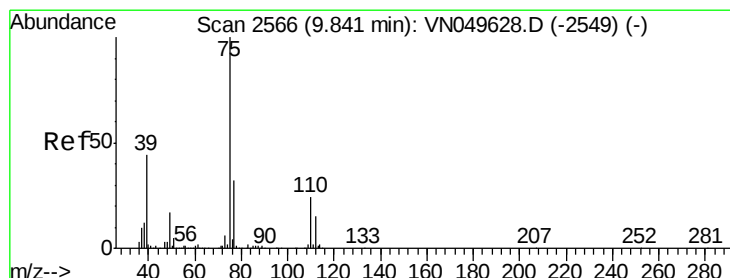
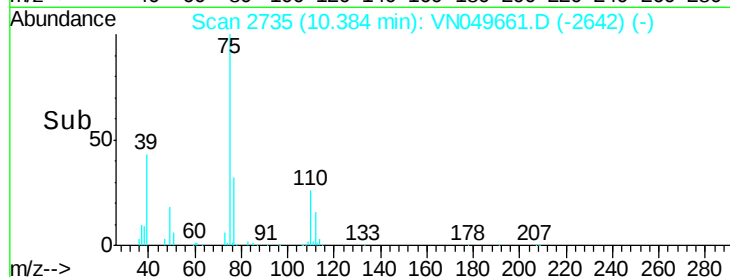
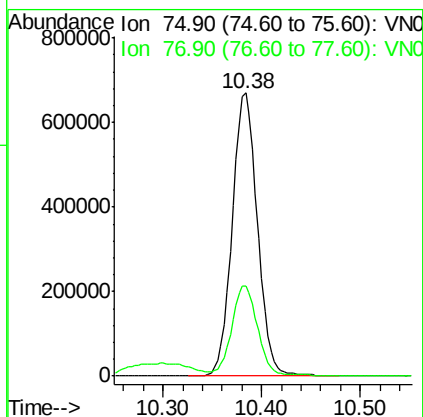
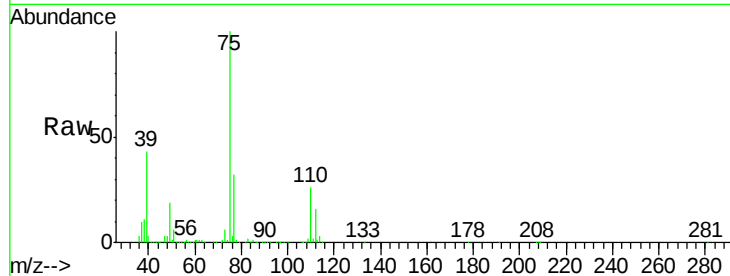
VSTDCCC050

Tot Ion: 75 Resp: 1195653

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 55.09 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

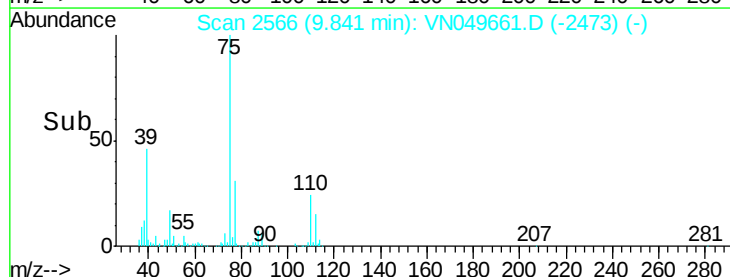
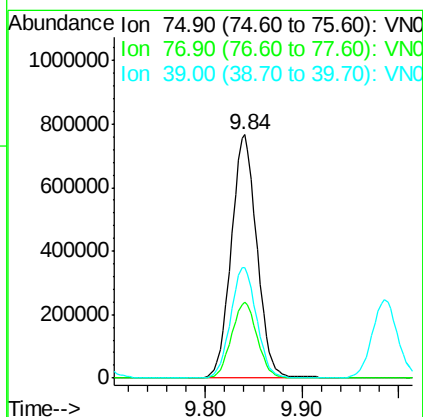
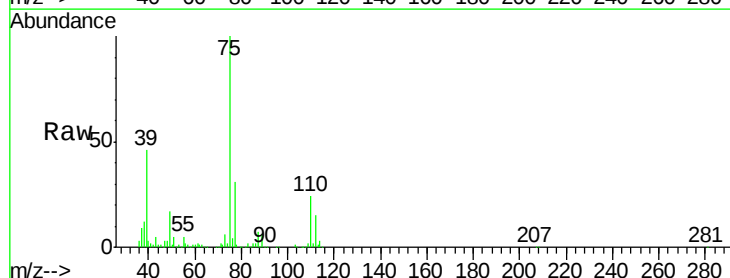
Tgt Ion: 75 Resp: 1412362

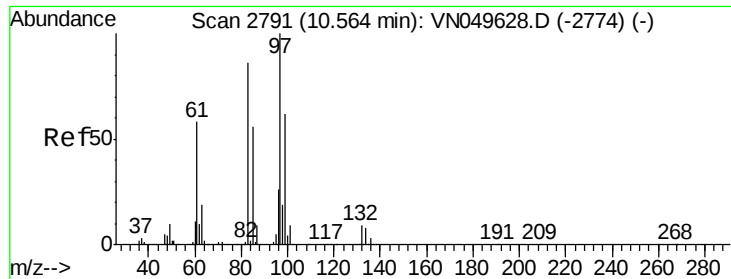
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

39 45.5 35.5 53.3

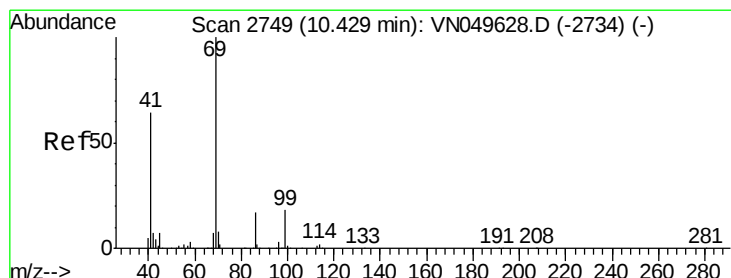
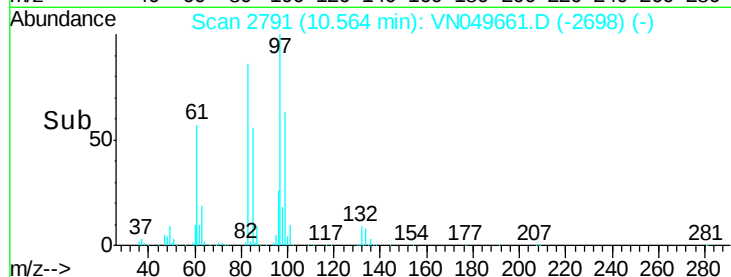
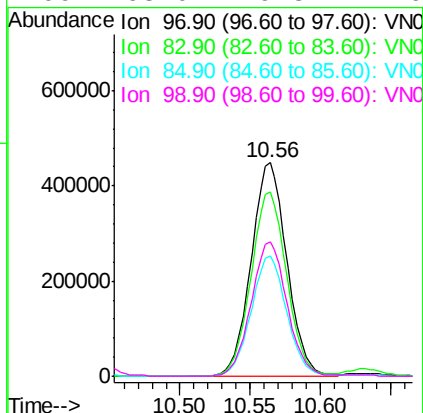
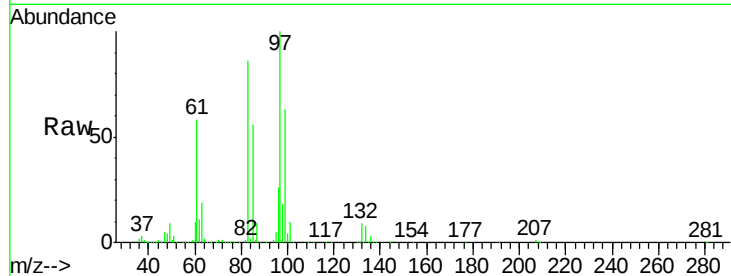




#55
 1,1,2-Trichloroethane
 Concen: 51.34 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

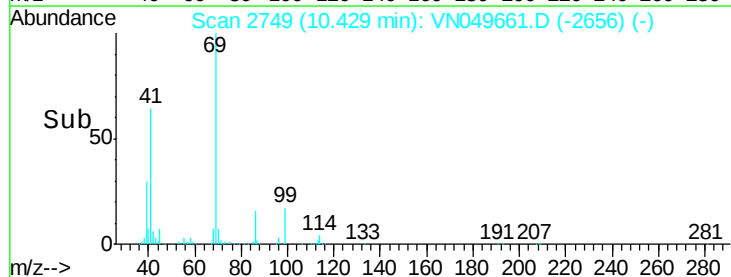
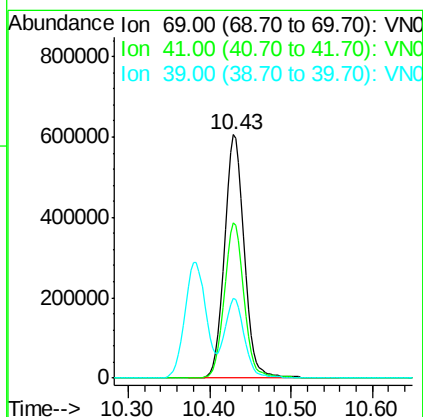
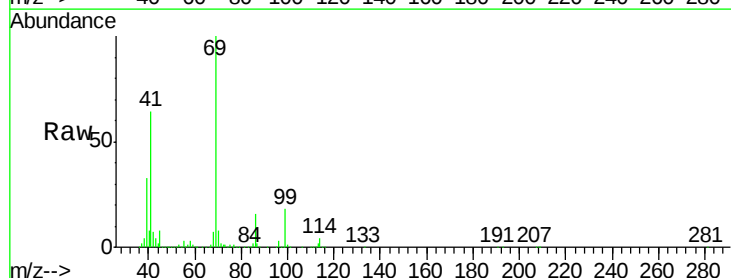
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

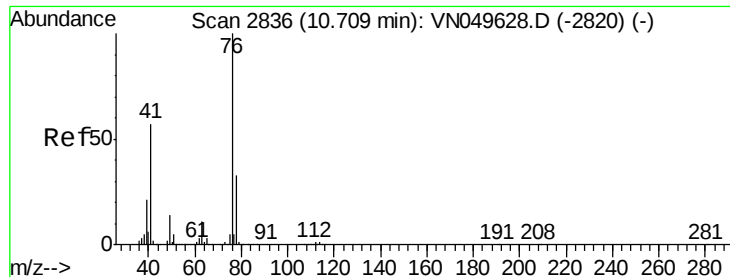
Tot Ion: 97 Resp: 795013
 Ion Ratio Lower Upper
 97 100
 83 86.4 69.0 103.6
 85 56.0 44.9 67.3
 99 63.0 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 57.46 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion: 69 Resp: 1043022
 Ion Ratio Lower Upper
 69 100
 41 62.5 51.6 77.4
 39 31.6 25.8 38.8

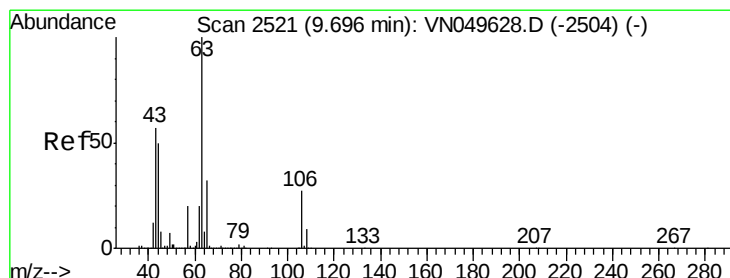
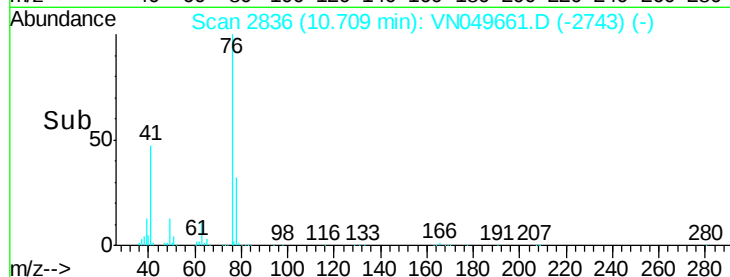
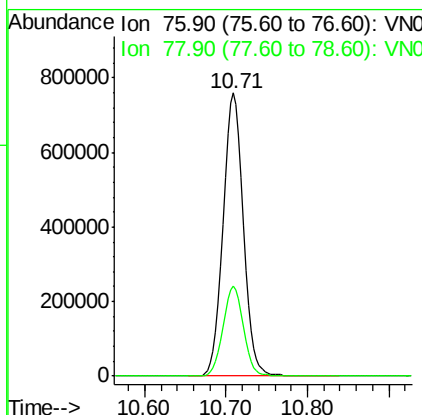
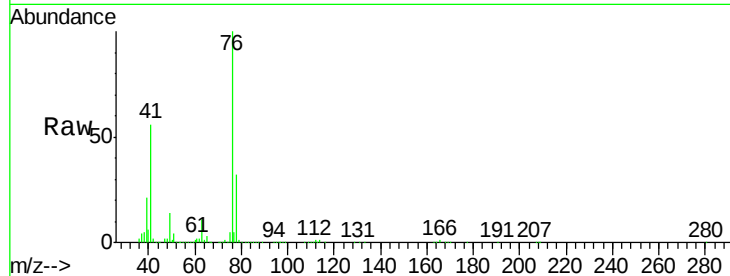




#57
 1,3-Dichloropropane
 Concen: 53.48 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

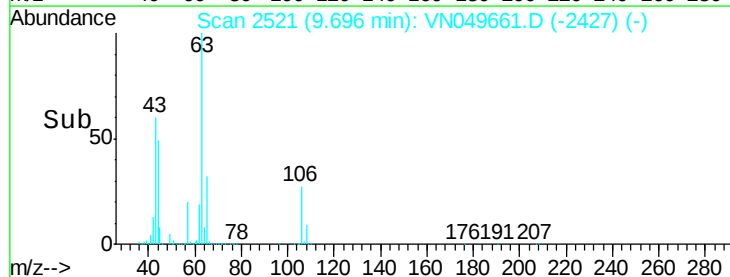
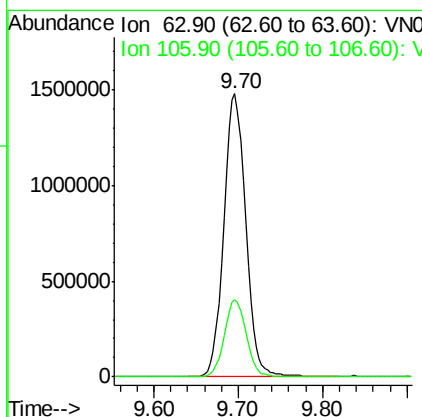
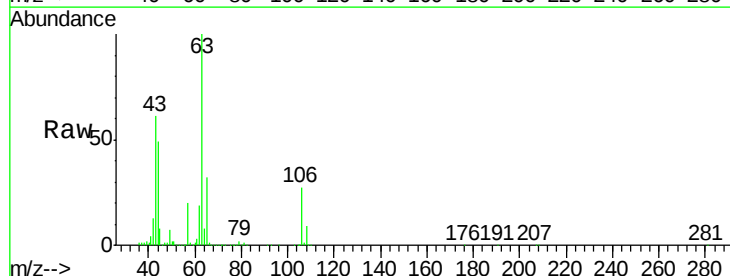
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

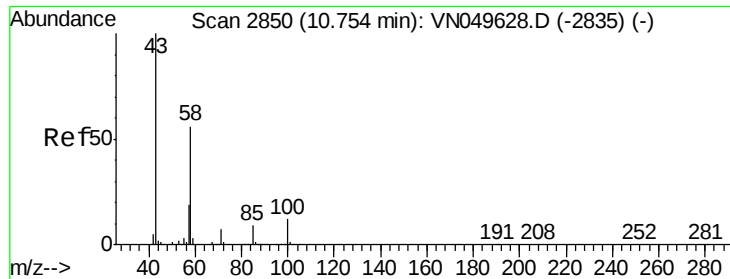
Tot Ion: 76 Resp: 1342877
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.90 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion: 63 Resp: 2680642
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.8 32.8

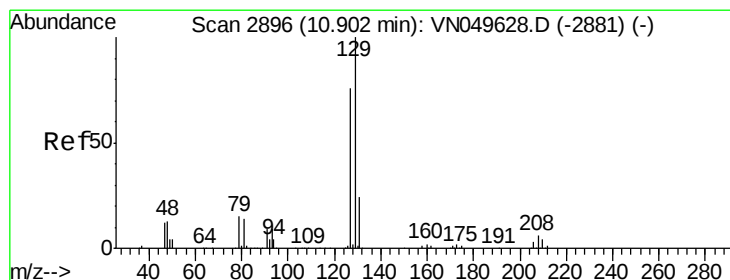
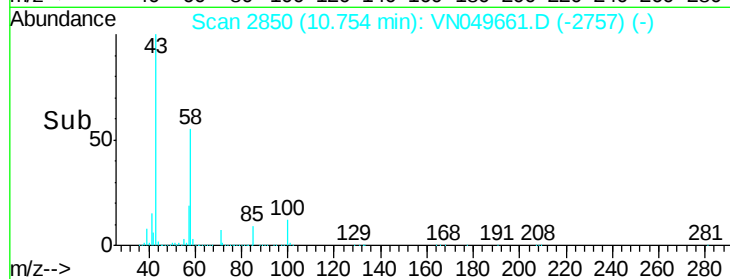
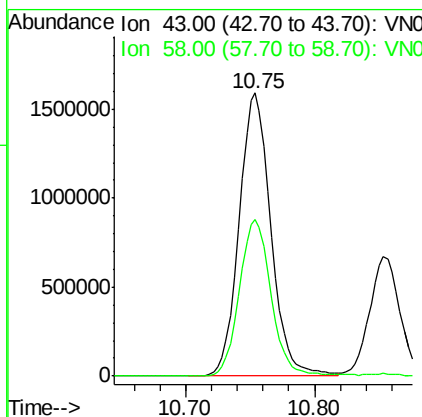
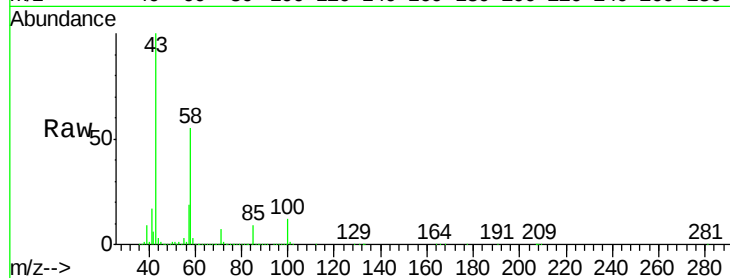




#59
2-Hexanone
Concen: 318.31 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

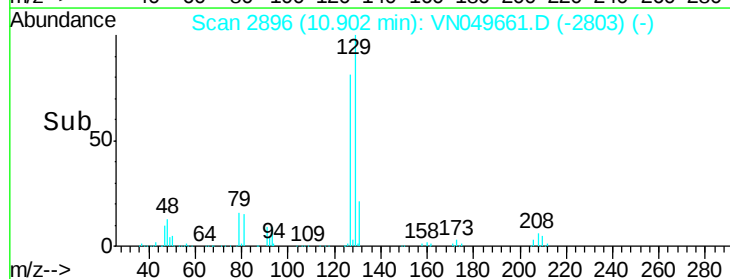
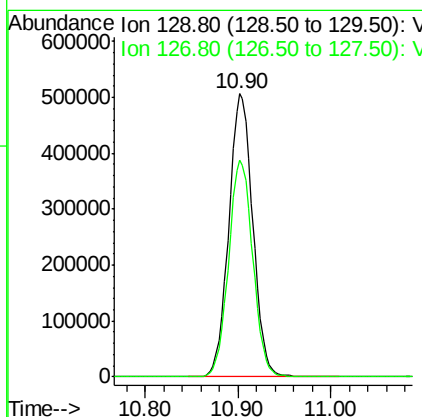
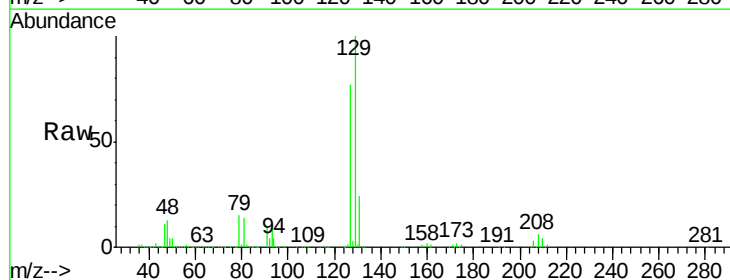
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

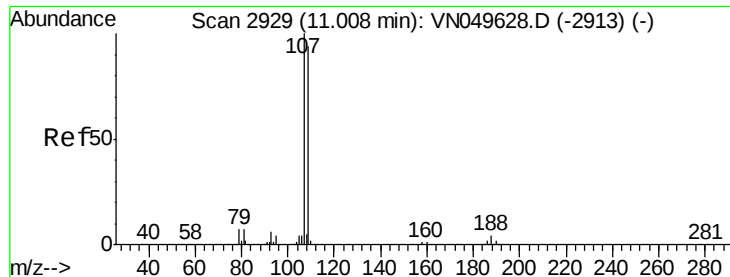
Tot Ion: 43 Resp: 2713835
Ion Ratio Lower Upper
43 100
58 55.7 27.8 83.4



#60
Dibromochloromethane
Concen: 54.12 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 129 Resp: 905823
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9

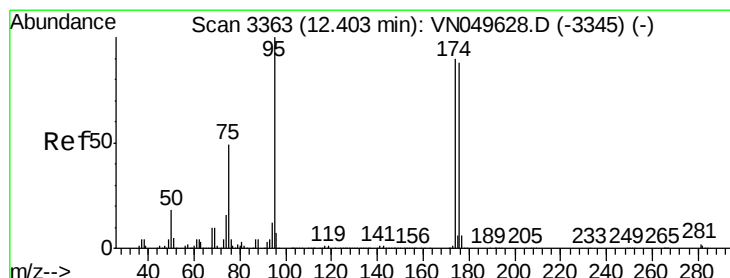
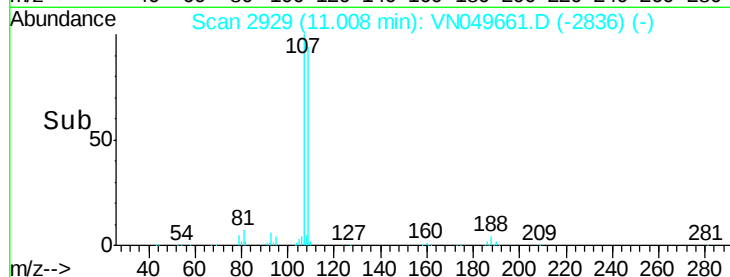
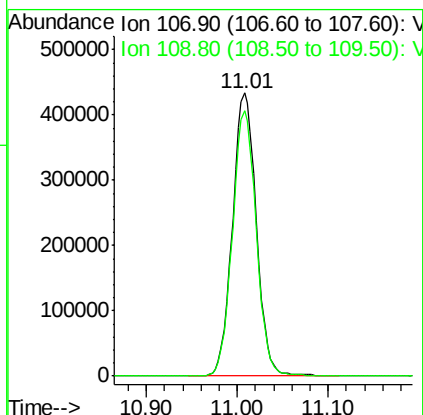
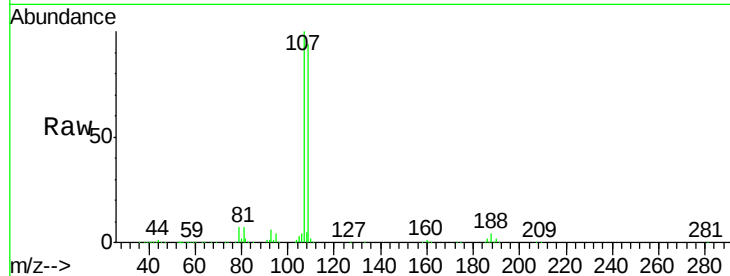




#61
 1,2-Dibromoethane
 Concen: 53.12 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

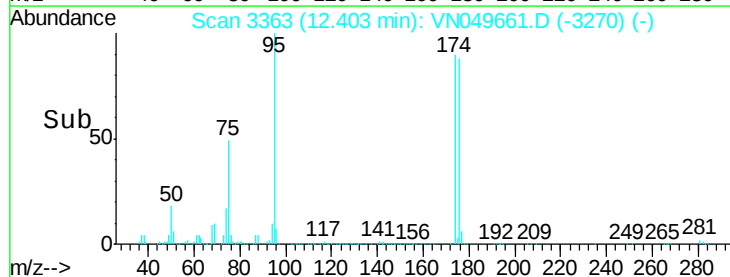
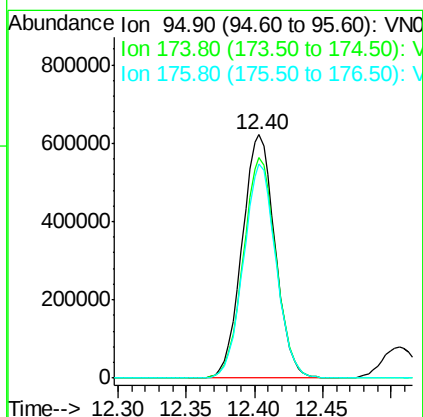
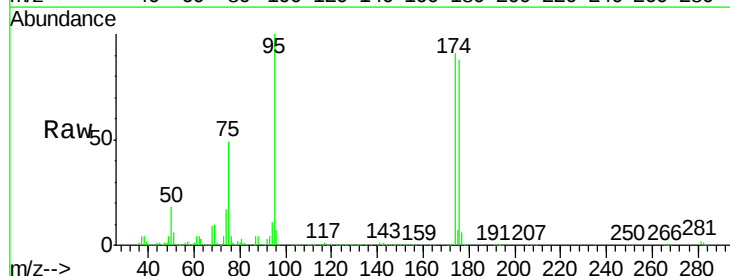
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

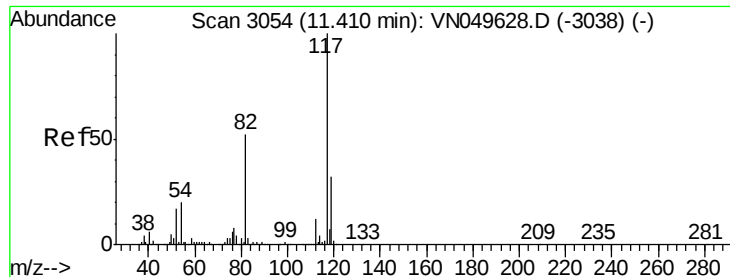
Tot Ion: 107 Resp: 788200
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.89 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion: 95 Resp: 1038888
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 179.6
 176 86.9 0.0 174.0

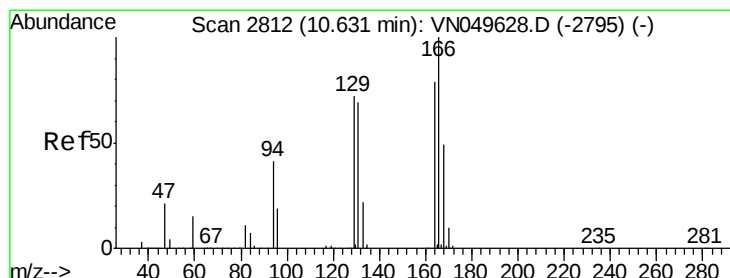
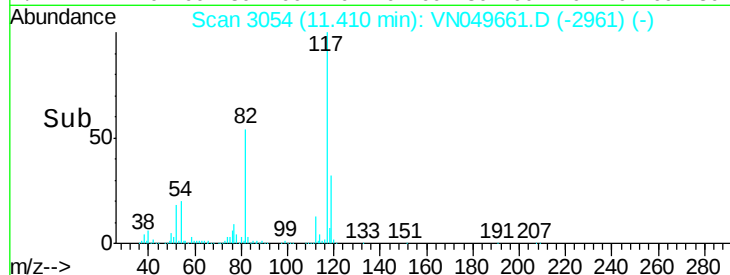
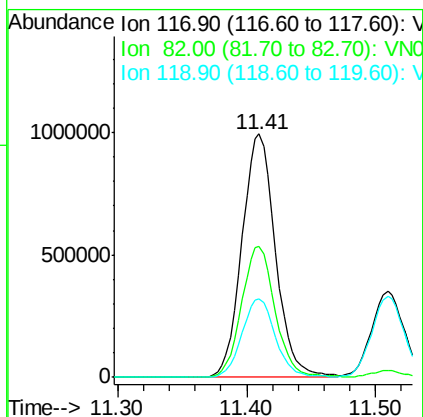
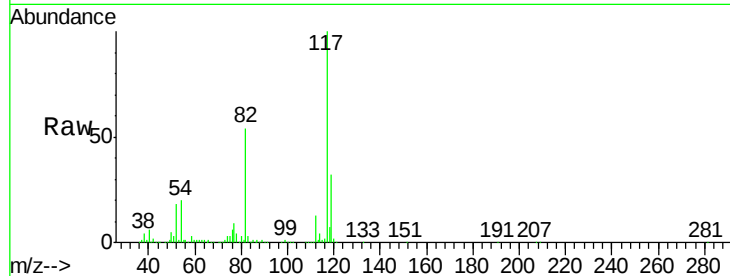




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

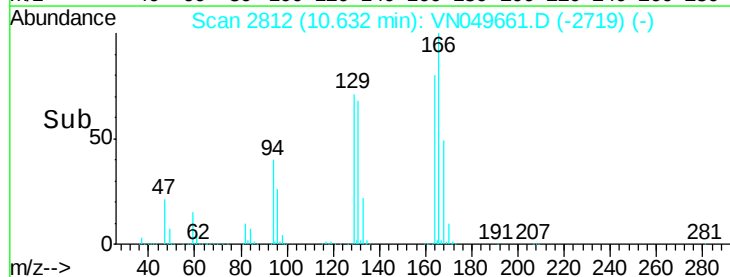
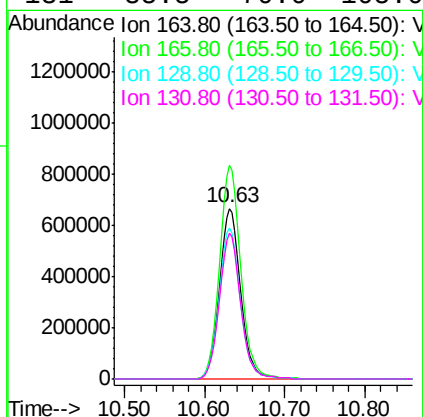
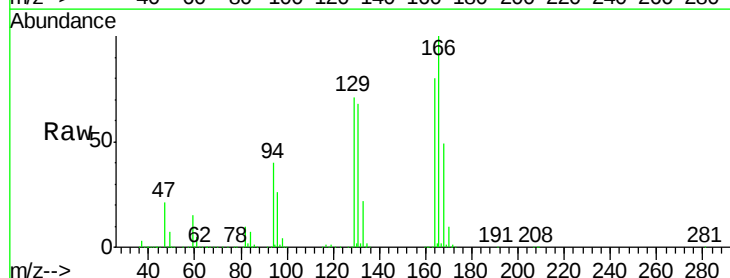
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

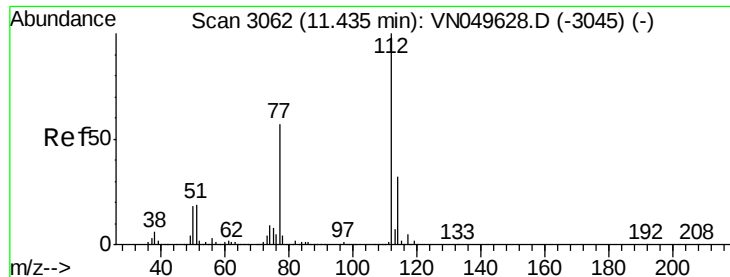
Tot Ion:117 Resp: 1799155
Ion Ratio Lower Upper
117 100
82 53.8 41.9 62.9
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 50.03 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion:164 Resp: 1218701
Ion Ratio Lower Upper
164 100
166 125.1 101.8 152.6
129 88.6 72.8 109.2
131 85.5 70.0 105.0

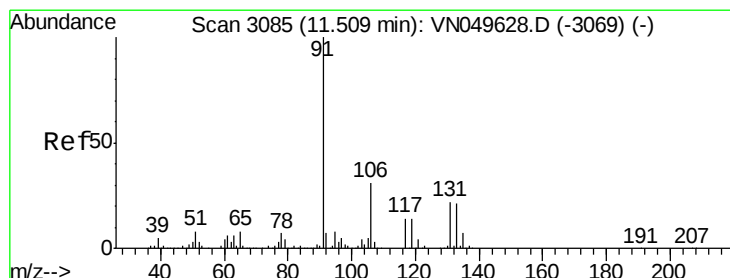
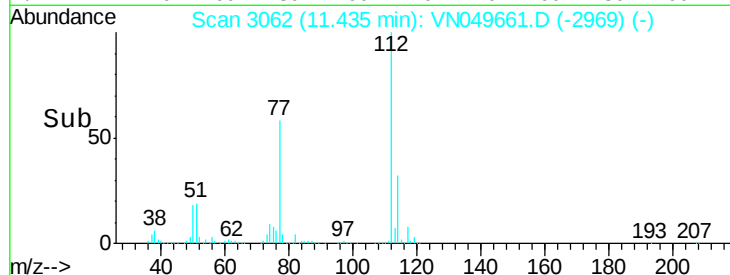
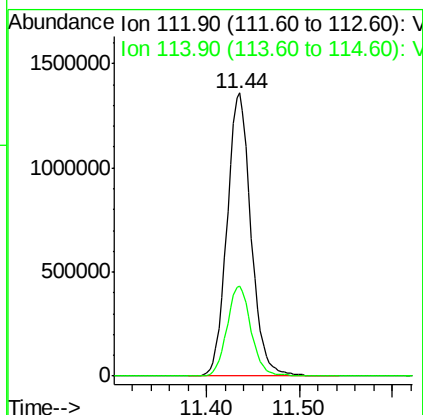
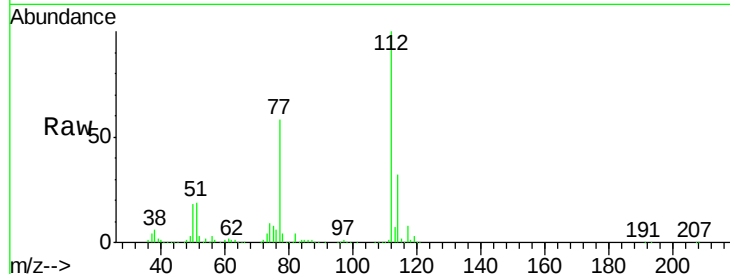




#65
Chlorobenzene
Concen: 51.87 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

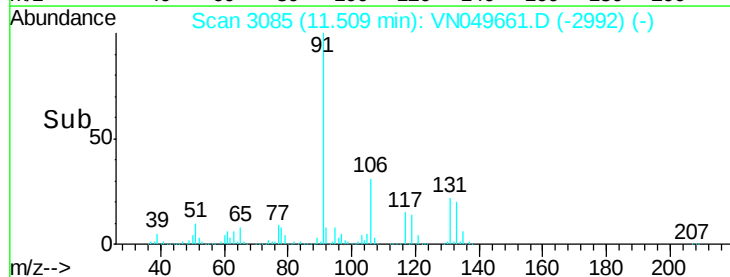
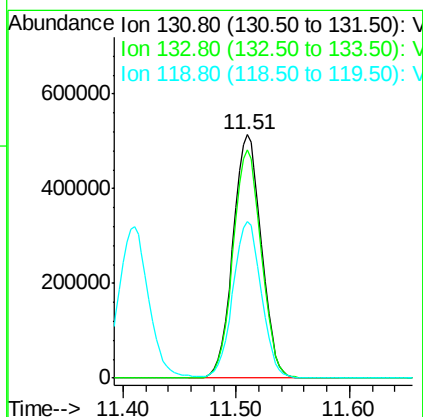
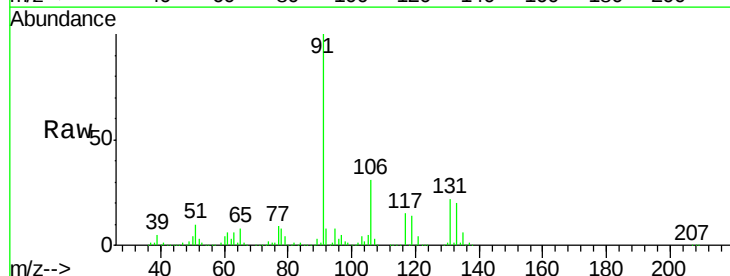
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

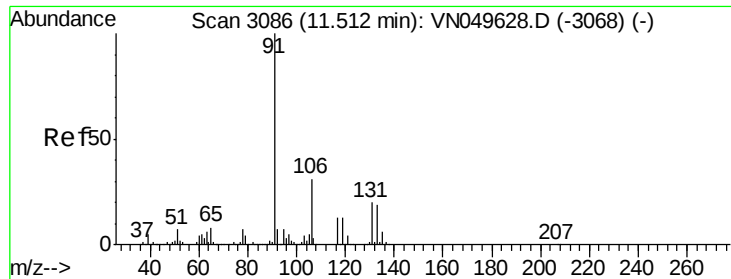
Tot Ion:112 Resp: 2434609
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.28 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion:131 Resp: 898527
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.6
119 64.4 33.1 99.3

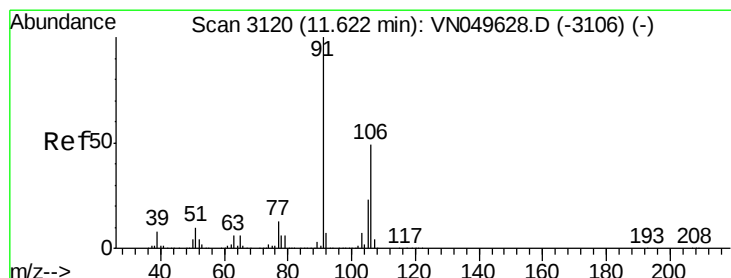
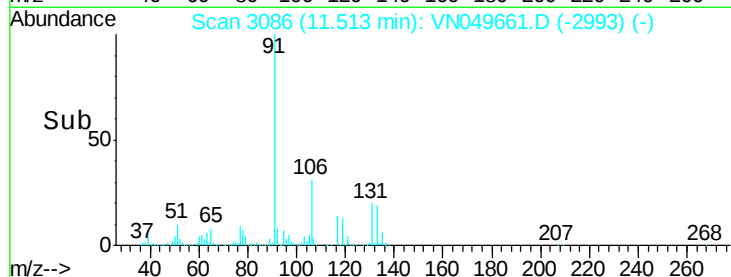
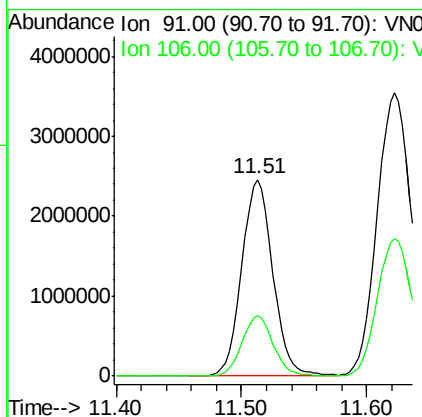
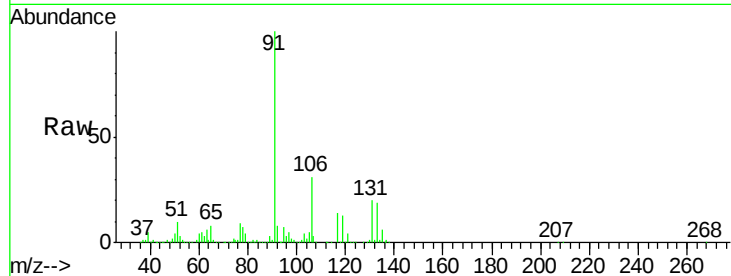




#67
Ethyl Benzene
Concen: 54.76 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

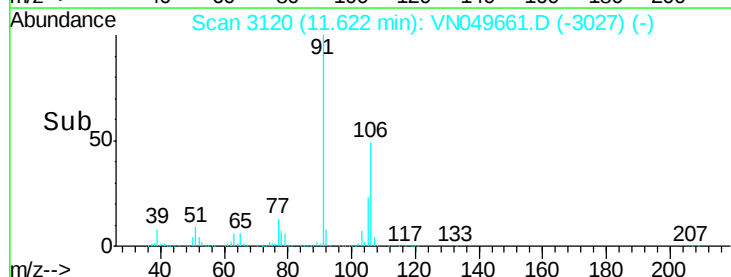
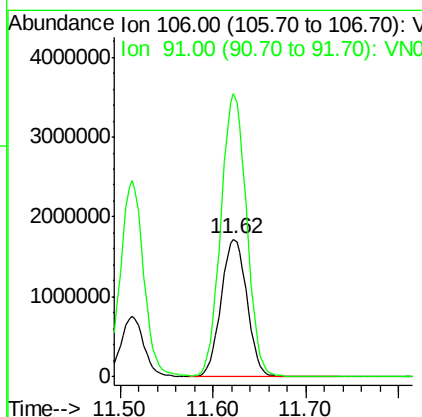
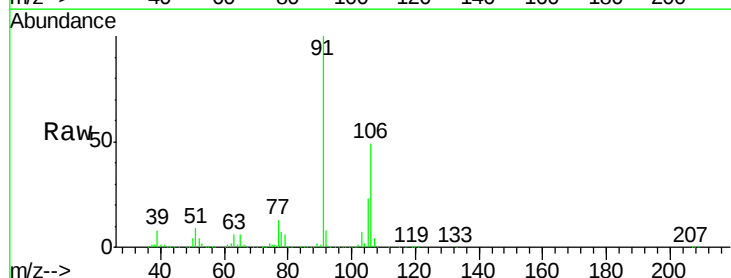
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

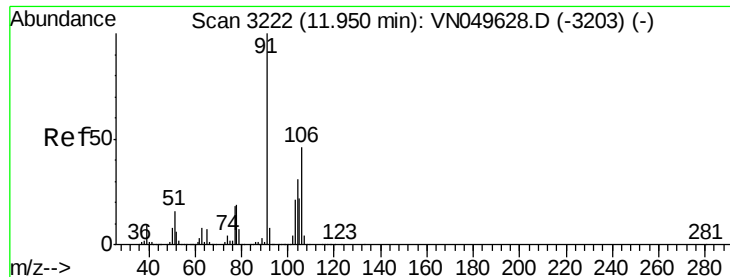
Tot Ion: 91 Resp: 4248133
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 112.48 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 106 Resp: 3344417
Ion Ratio Lower Upper
106 100
91 203.8 163.4 245.2

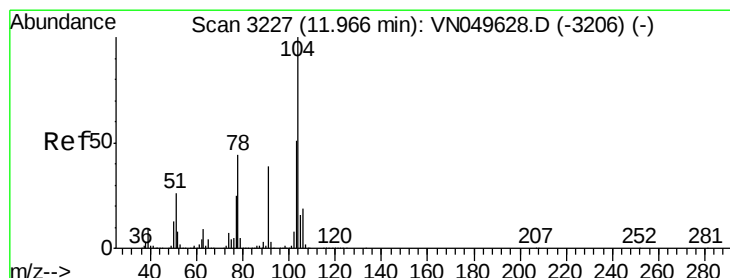
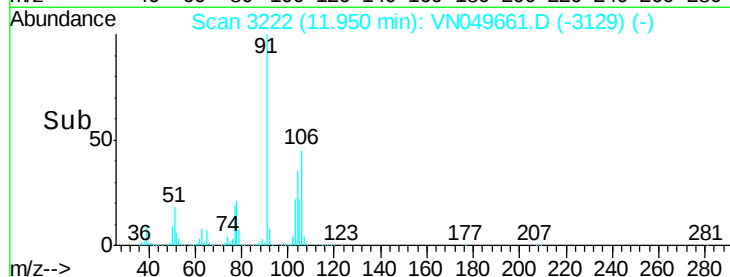
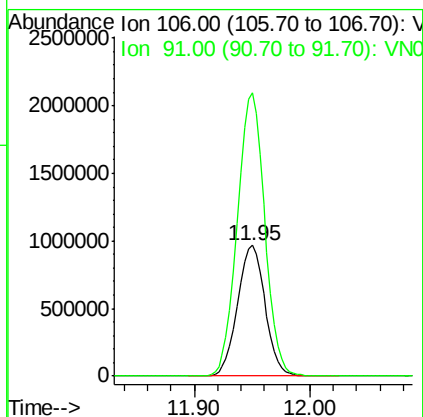
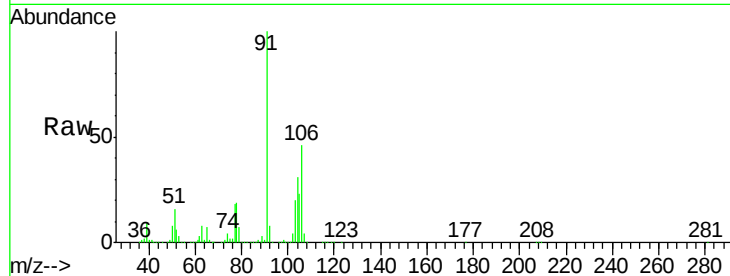




#69
o-Xylene
Concen: 55.76 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

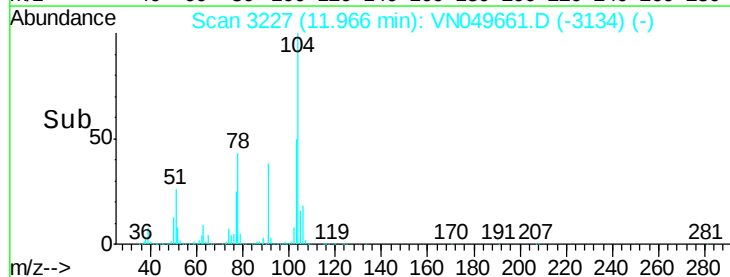
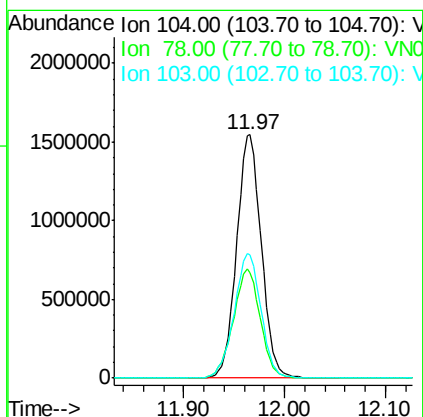
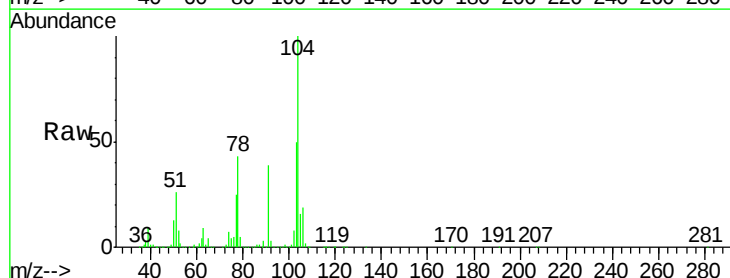
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

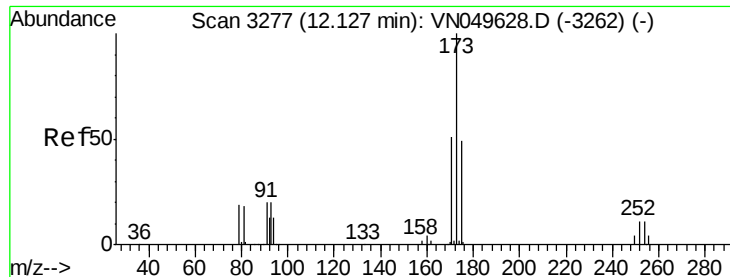
Tot Ion:106 Resp: 1587193
Ion Ratio Lower Upper
106 100
91 215.5 108.7 326.1



#70
Styrene
Concen: 57.06 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion:104 Resp: 2628001
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.5 44.6 67.0





#71

Bromoform

Concen: 55.93 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

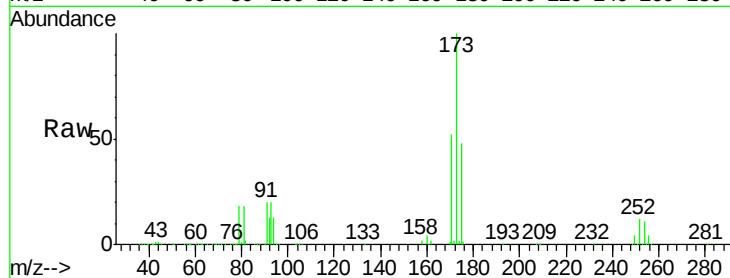
Tot Ion:173 Resp: 626758

Ion Ratio Lower Upper

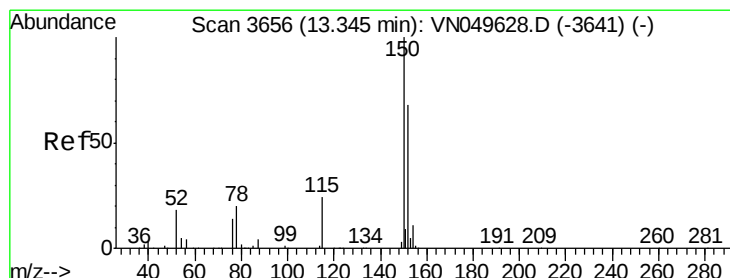
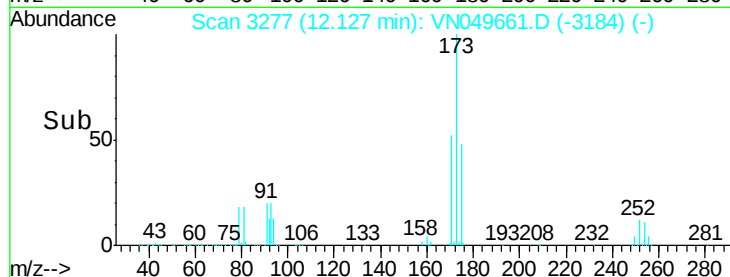
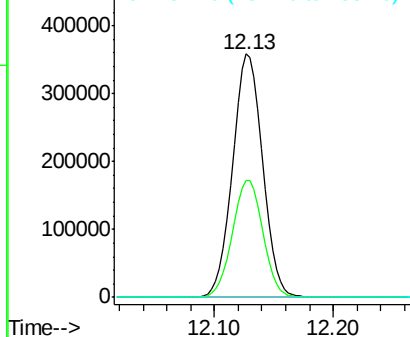
173 100

175 48.7 24.6 73.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

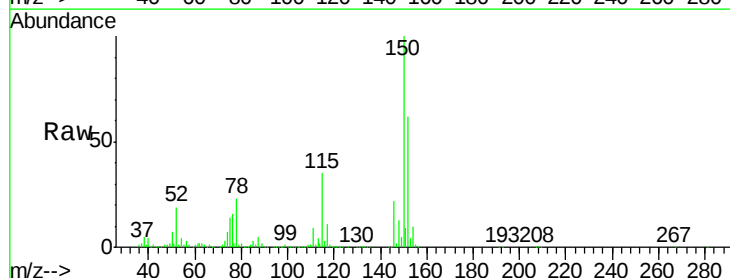
Tgt Ion:152 Resp: 1022754

Ion Ratio Lower Upper

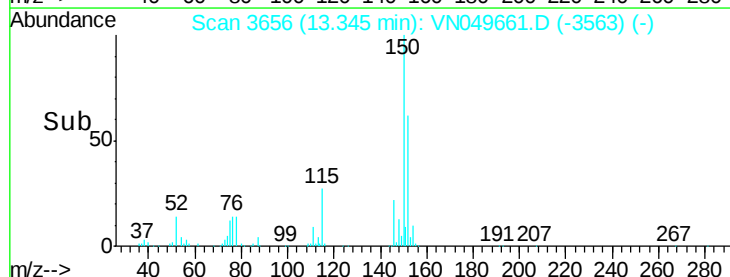
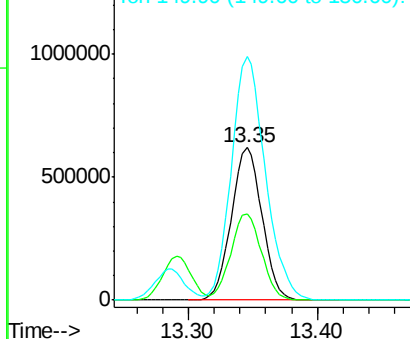
152 100

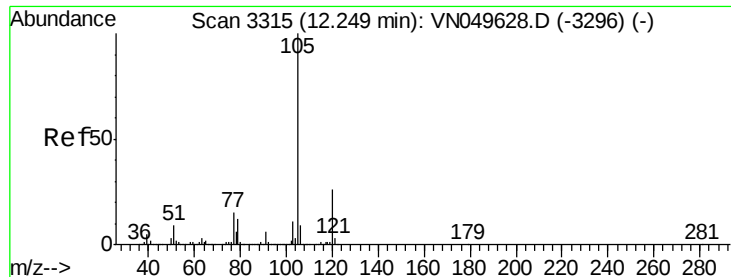
115 56.5 28.1 84.2

150 177.0 0.0 347.6



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





#73

Isopropylbenzene

Concen: 52.16 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

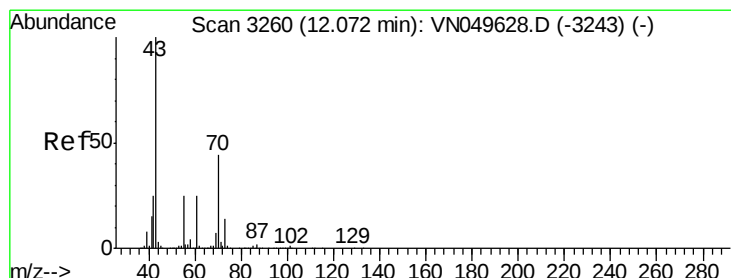
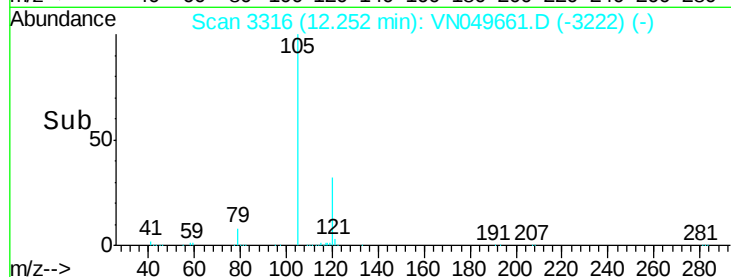
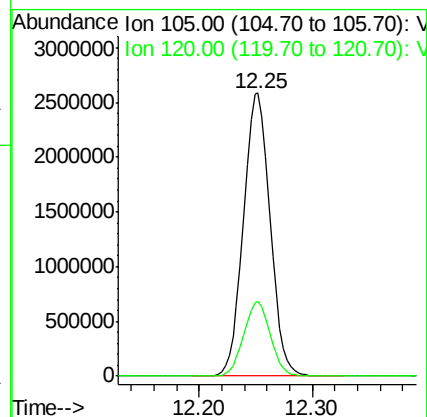
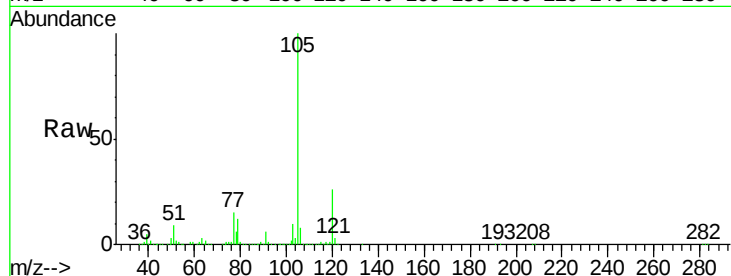
VSTDCCC050

Tot Ion:105 Resp: 4249013

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 52.23 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Tgt Ion: 43 Resp: 1162330

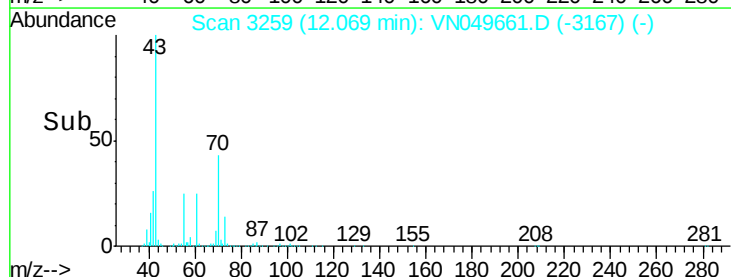
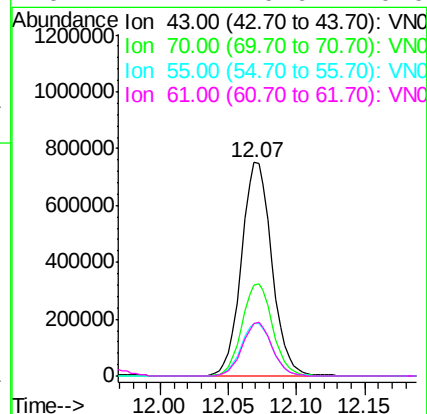
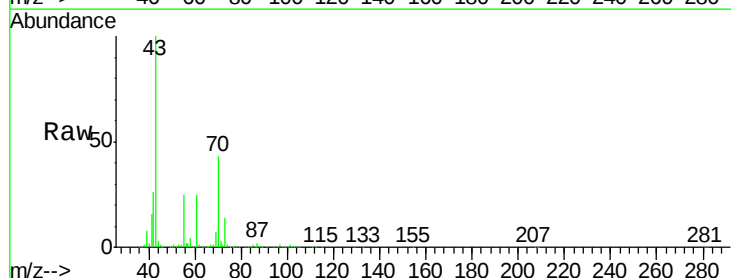
Ion Ratio Lower Upper

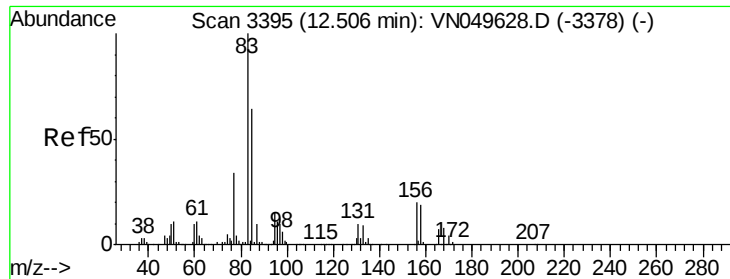
43 100

70 43.6 34.8 52.2

55 25.4 20.9 31.3

61 24.7 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.35 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

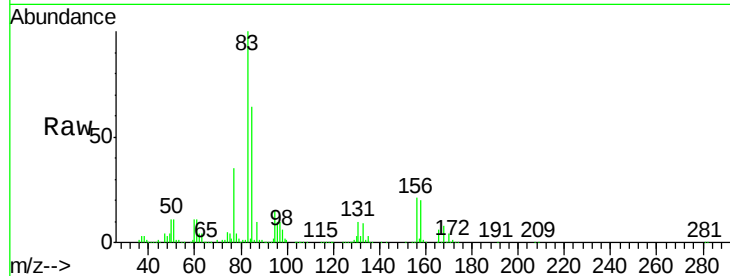
Tot Ion: 83 Resp: 901081

Ion Ratio Lower Upper

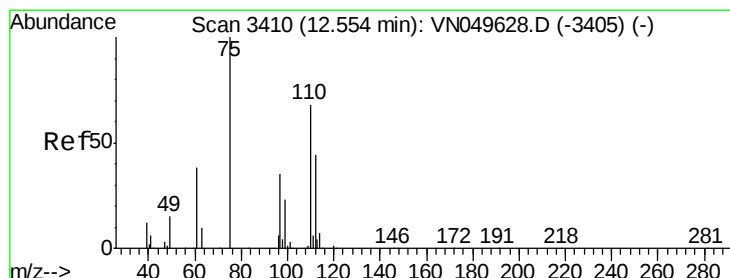
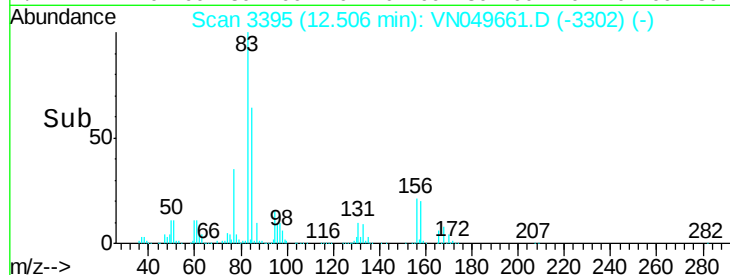
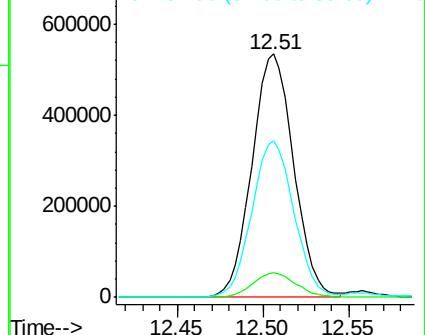
83 100

131 10.5 5.2 15.6

85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 130.80 (130.50 to 131.50): VNC
Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 72.49 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049661.D

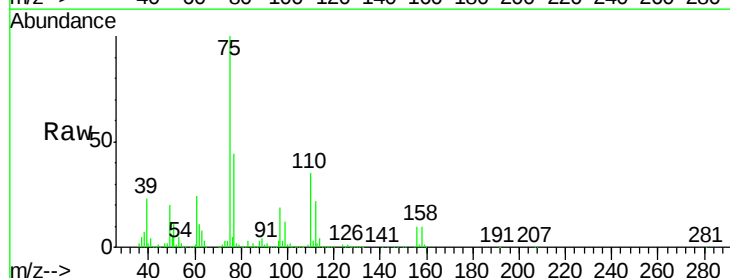
Acq: 2 Jul 2018 11:12

Tgt Ion: 75 Resp: 1189057

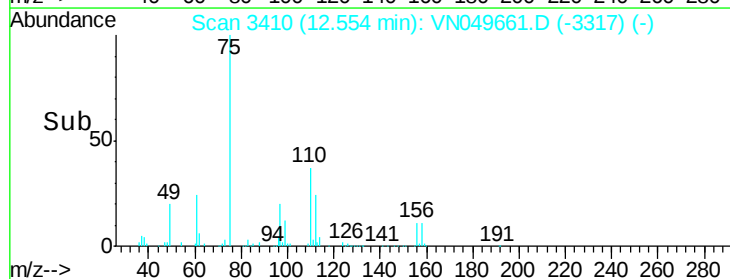
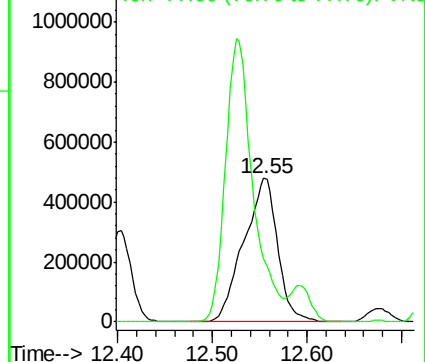
Ion Ratio Lower Upper

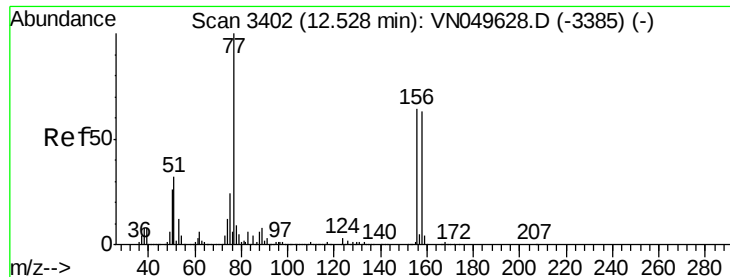
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 48.62 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

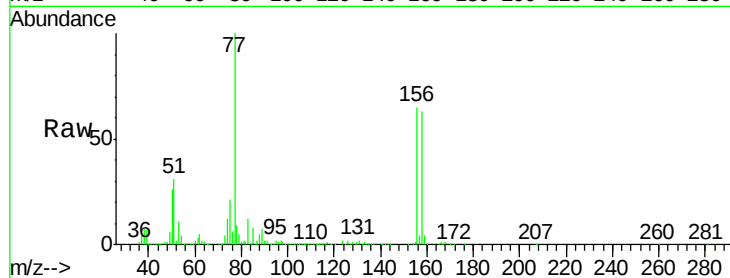
Tot Ion:156 Resp: 1077146

Ion Ratio Lower Upper

156 100

77 178.7 90.2 270.6

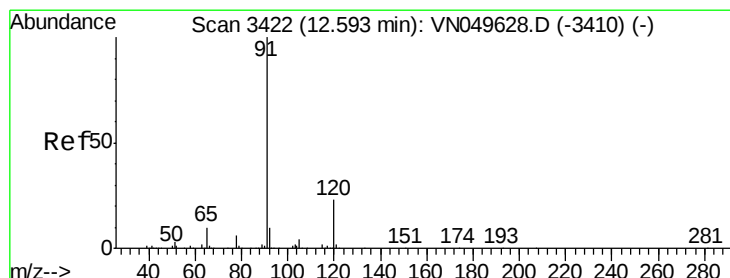
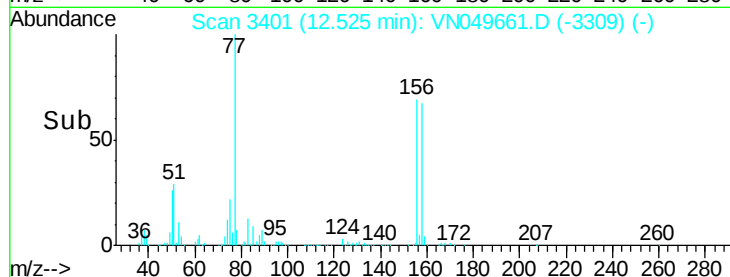
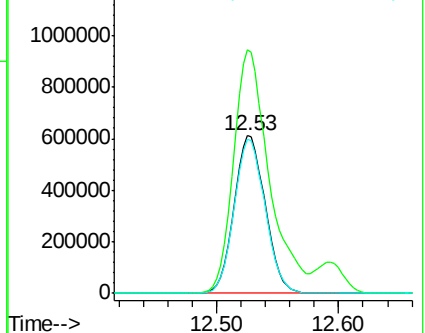
158 97.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.81 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049661.D

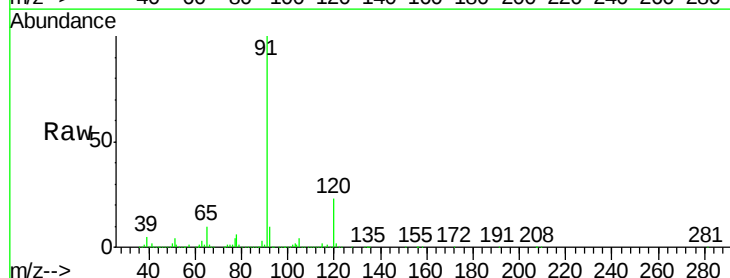
Acq: 2 Jul 2018 11:12

Tgt Ion: 91 Resp: 5023826

Ion Ratio Lower Upper

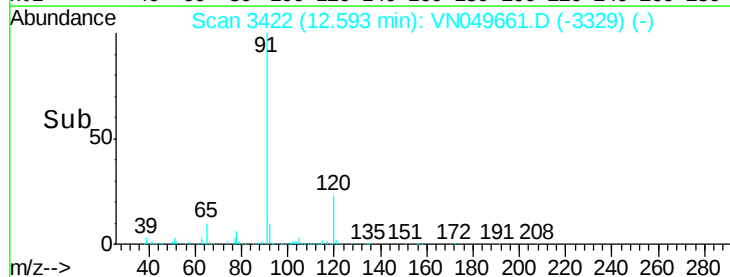
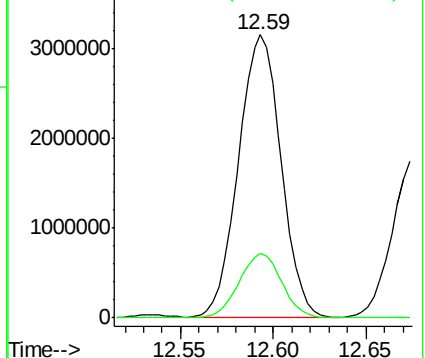
91 100

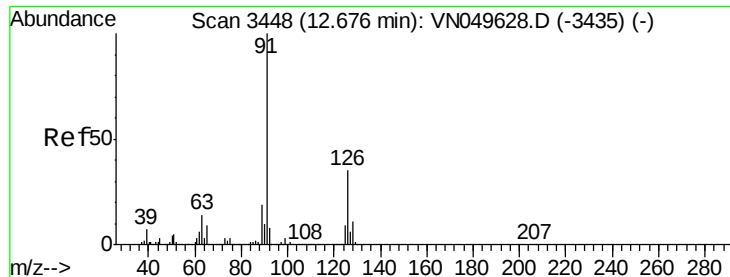
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.50 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

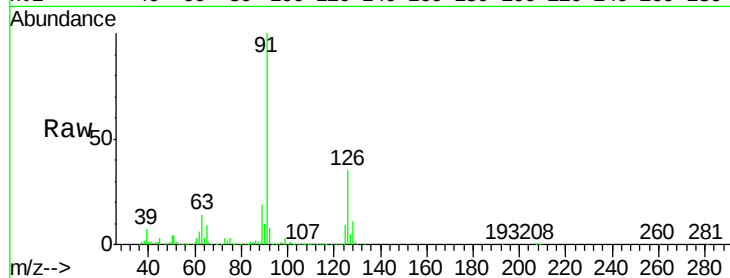
VSTDCCC050

Tot Ion: 91 Resp: 2925051

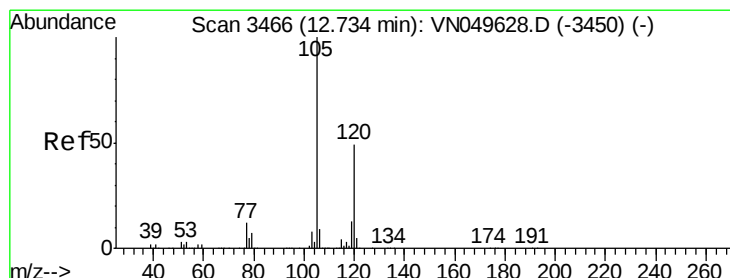
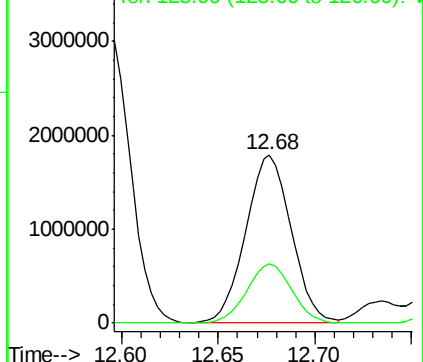
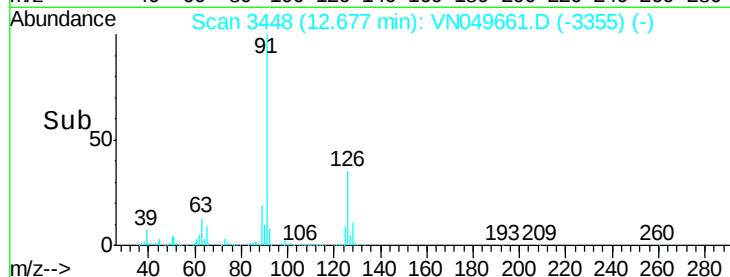
Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049661.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.92 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049661.D

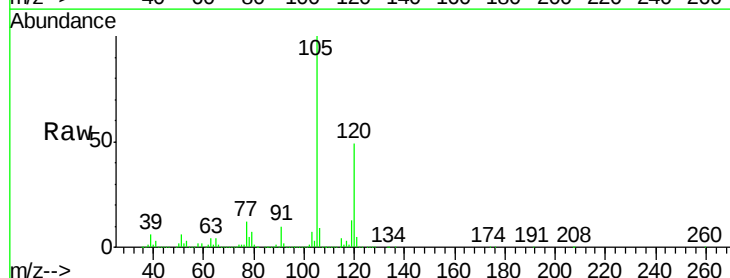
Acq: 2 Jul 2018 11:12

Tgt Ion:105 Resp: 3650363

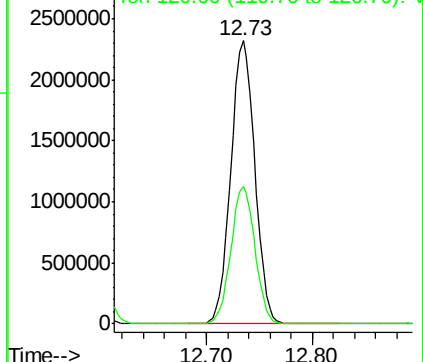
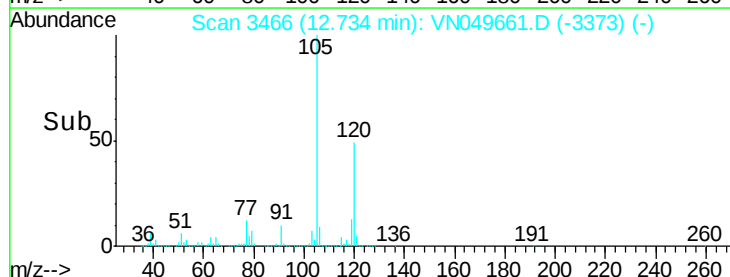
Ion Ratio Lower Upper

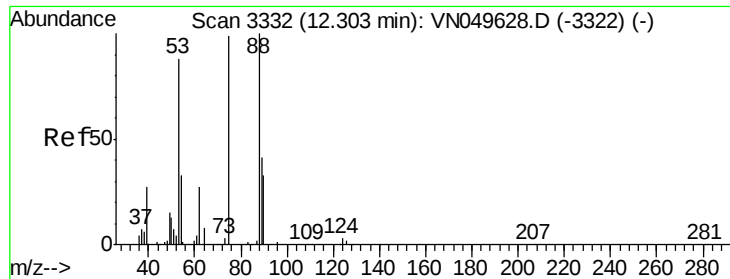
105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049661.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.48 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

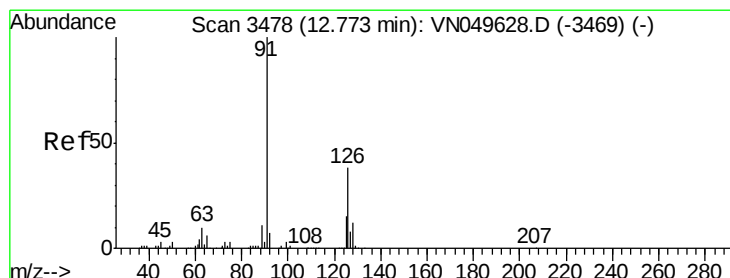
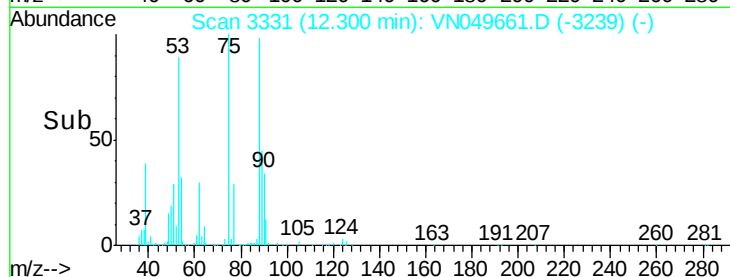
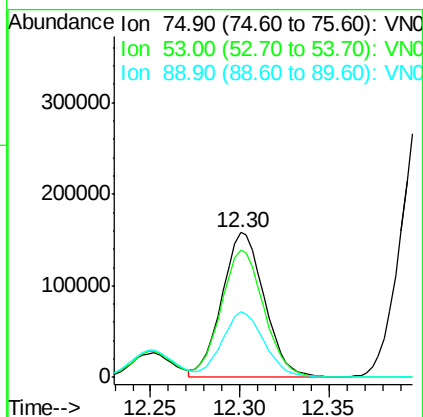
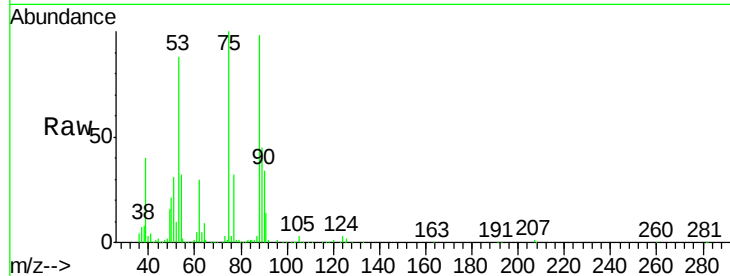
Tot Ion: 75 Resp: 258294

Ion Ratio Lower Upper

75 100

53 90.0 73.9 110.9

89 45.6 35.9 53.9



#82

4-Chlorotoluene

Concen: 51.11 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049661.D

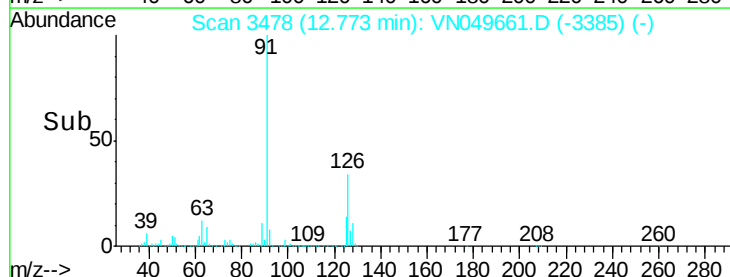
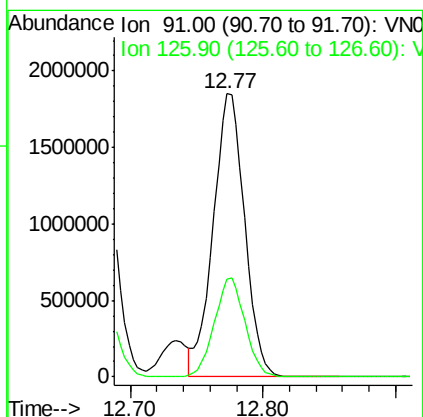
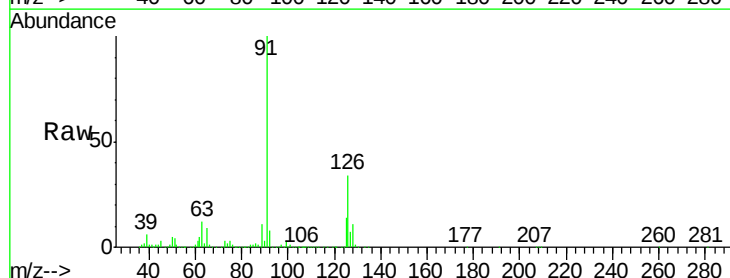
Acq: 2 Jul 2018 11:12

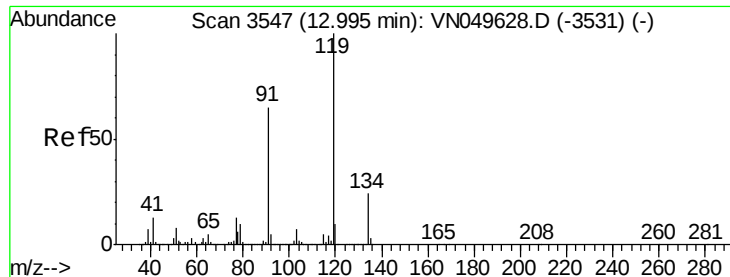
Tgt Ion: 91 Resp: 3036495

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.70 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

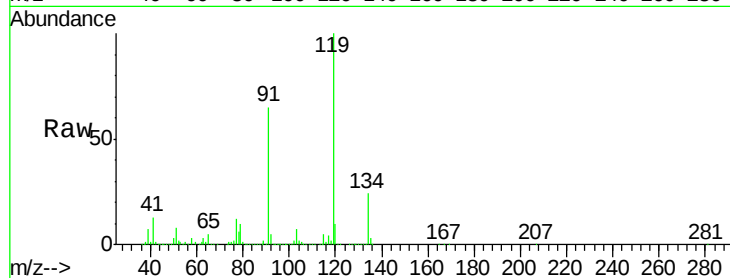
Tot Ion:119 Resp: 3006888

Ion Ratio Lower Upper

119 100

91 64.4 32.0 96.2

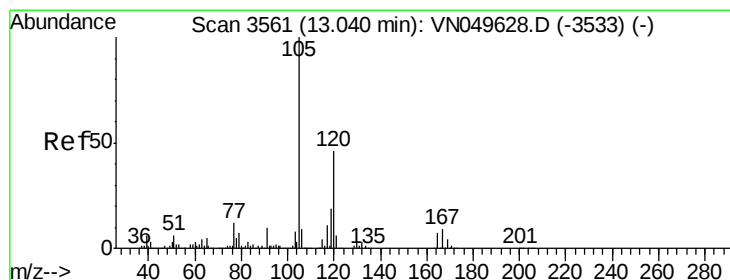
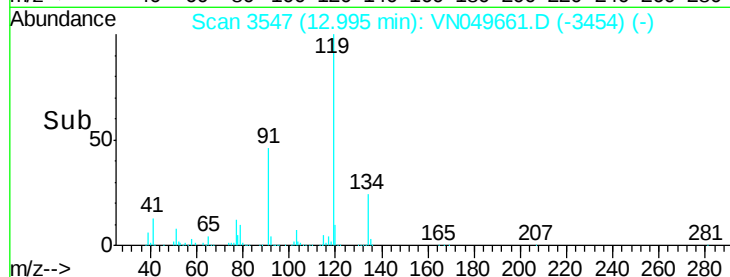
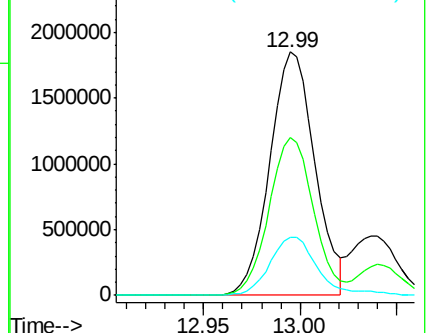
134 25.4 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.91 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049661.D

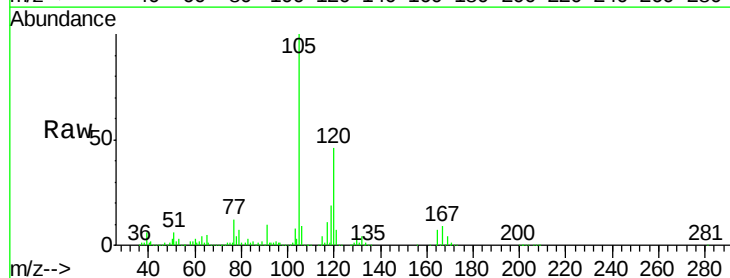
Acq: 2 Jul 2018 11:12

Tgt Ion:105 Resp: 3680255

Ion Ratio Lower Upper

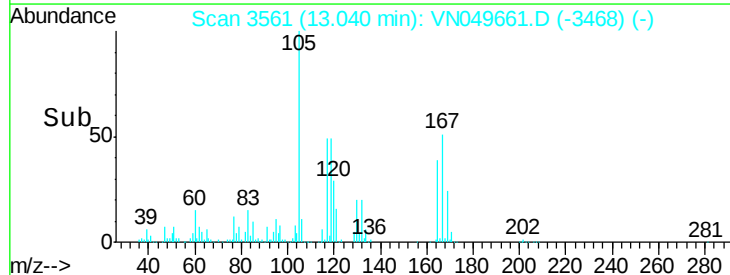
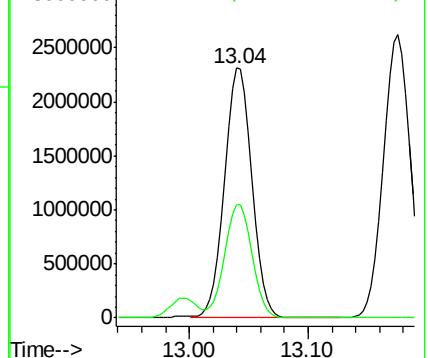
105 100

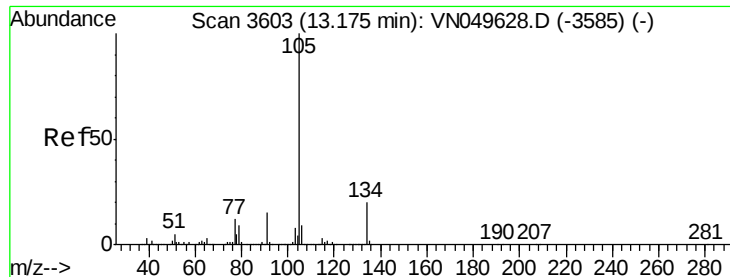
120 45.6 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.73 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

MSVOA_N

ClientSampleId :

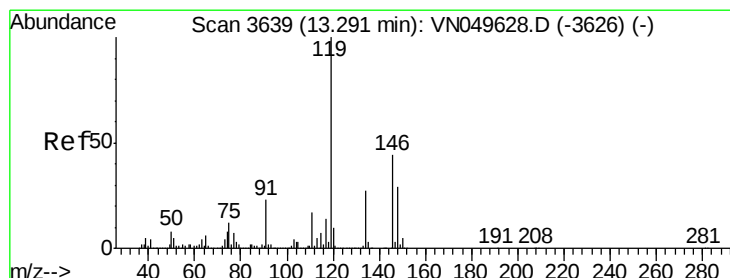
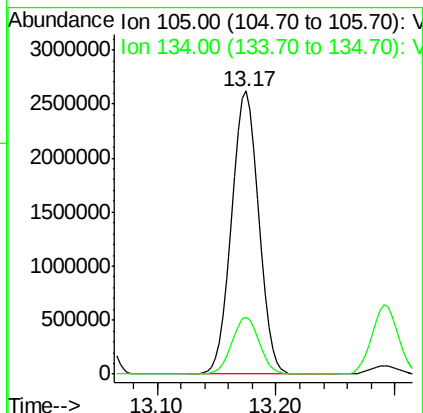
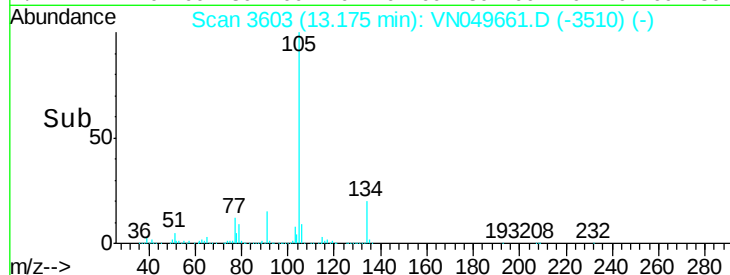
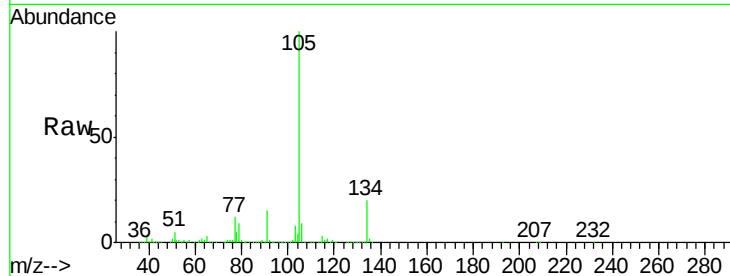
VSTDCCC050

Tot Ion:105 Resp: 4139998

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.65 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

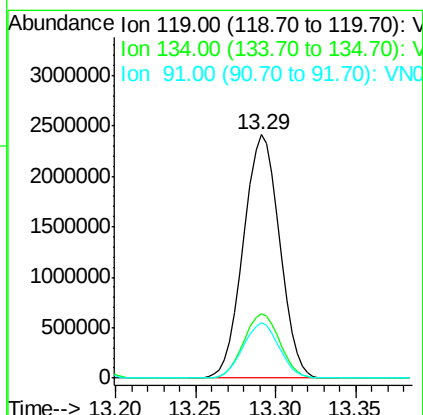
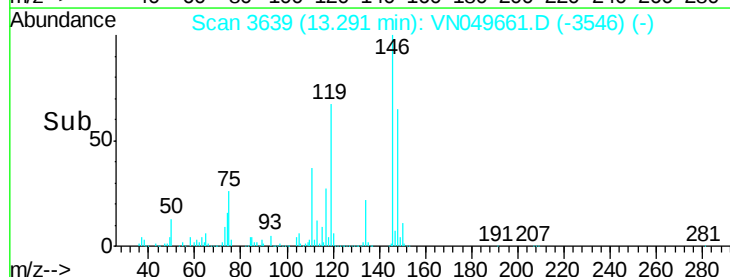
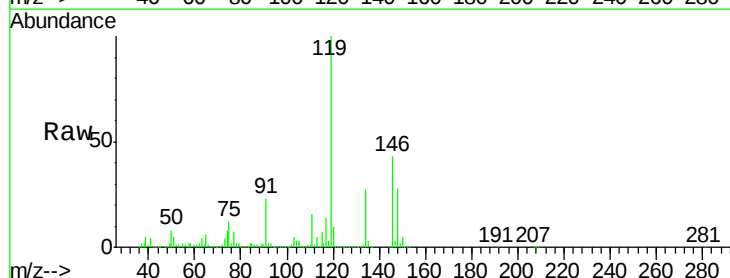
Tgt Ion:119 Resp: 3714274

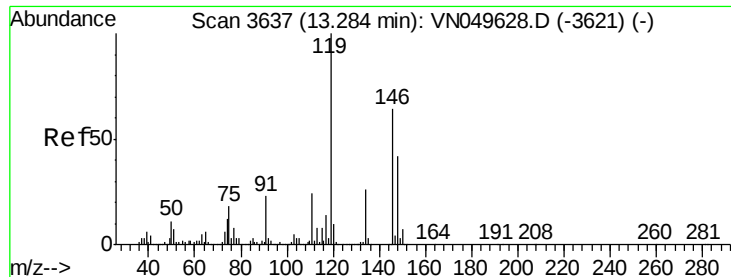
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.5 11.4 34.1

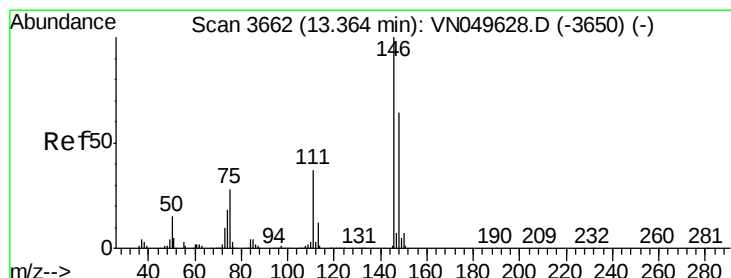
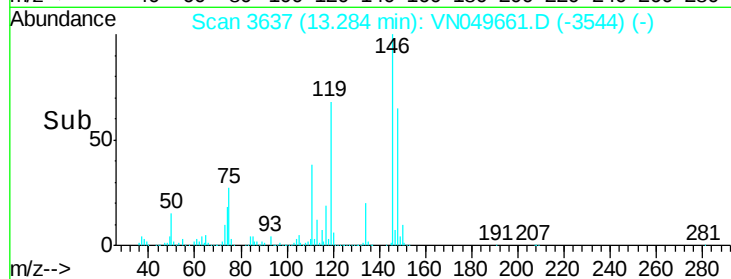
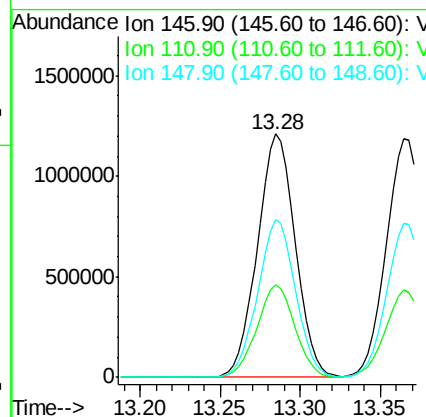
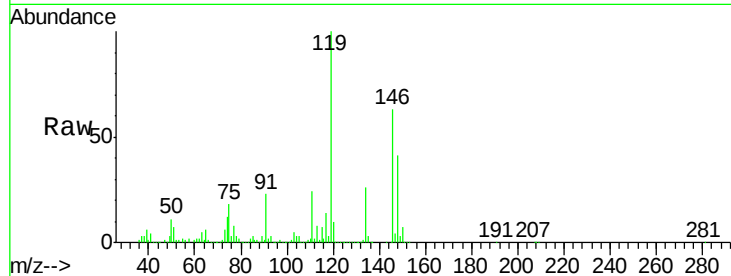




#87
 1,3-Dichlorobenzene
 Concen: 52.68 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

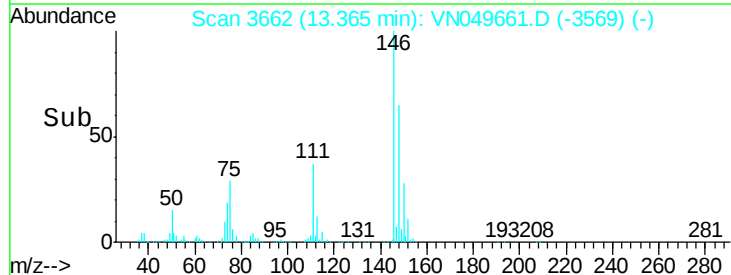
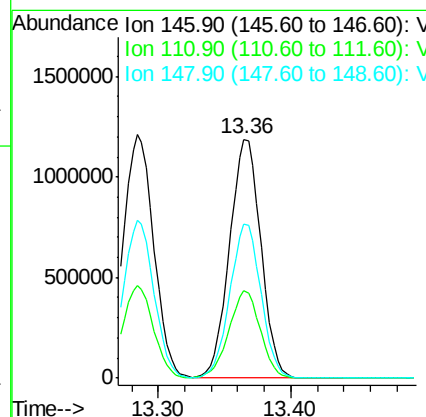
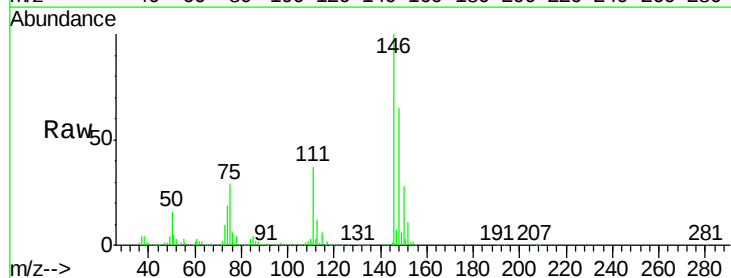
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

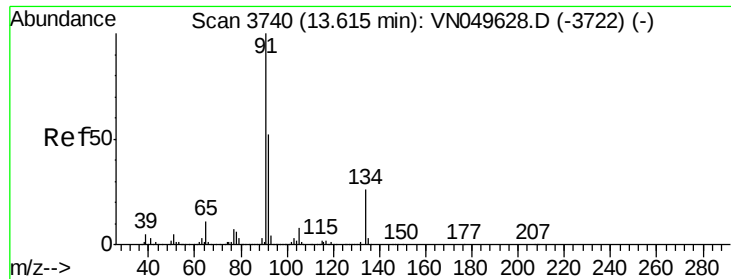
Tot Ion:146 Resp: 1975269
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 64.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 52.88 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion:146 Resp: 1947666
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.5
 148 64.1 32.1 96.3

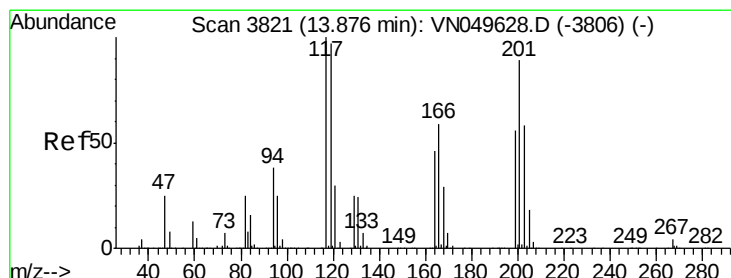
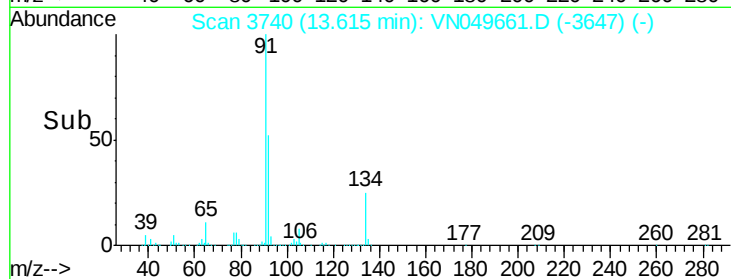
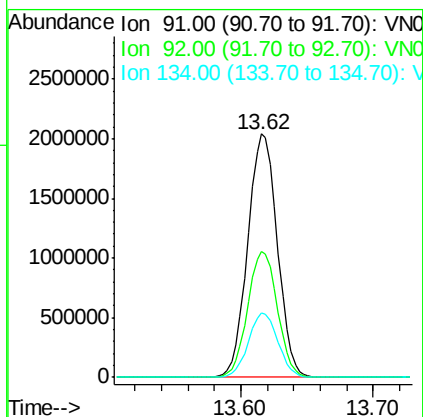
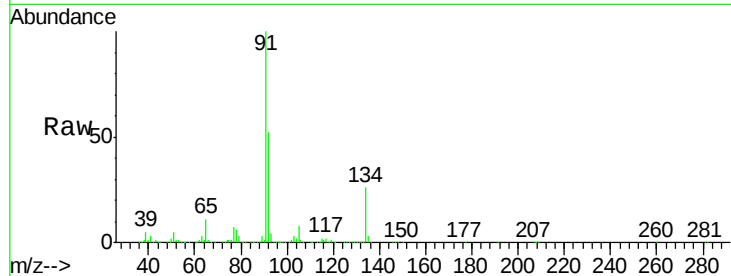




#89
n-Butylbenzene
Concen: 55.21 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

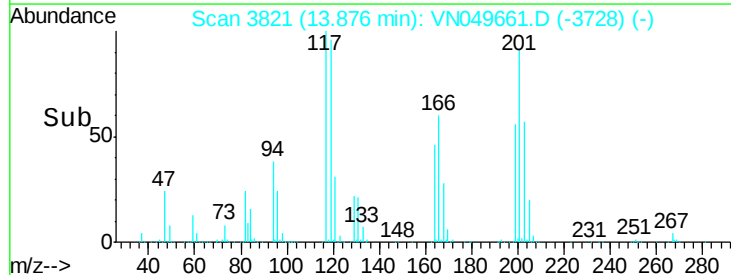
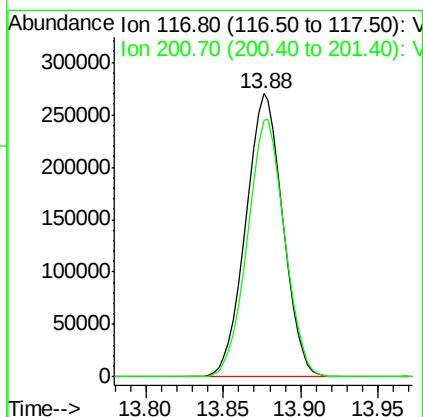
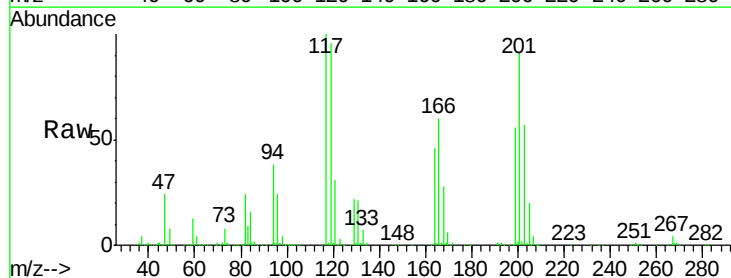
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

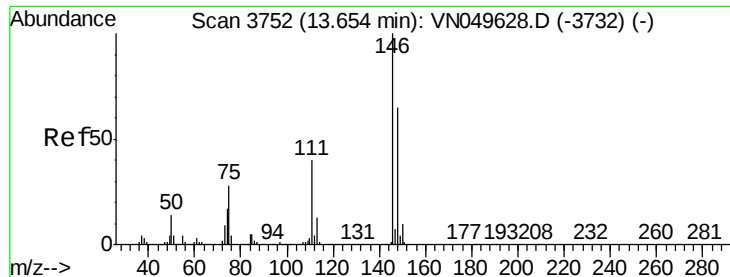
Tot Ion: 91 Resp: 3154494
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 64.36 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049661.D
Acq: 2 Jul 2018 11:12

Tgt Ion: 117 Resp: 451181
Ion Ratio Lower Upper
117 100
201 91.0 45.3 135.8

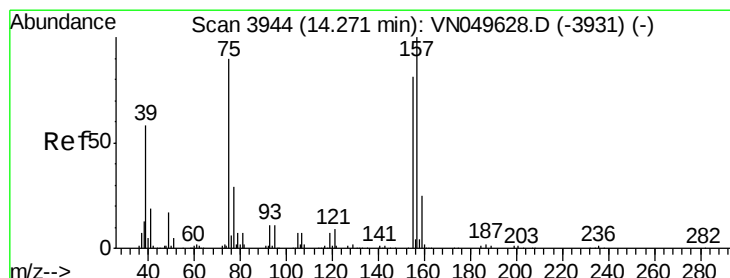
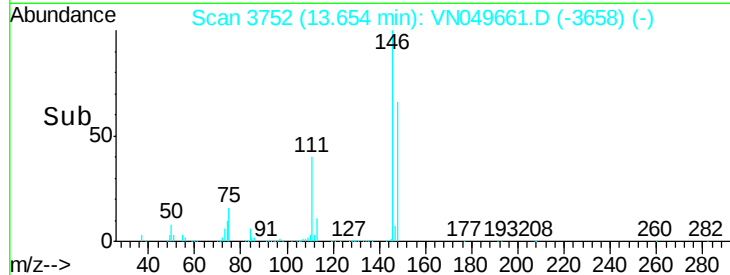
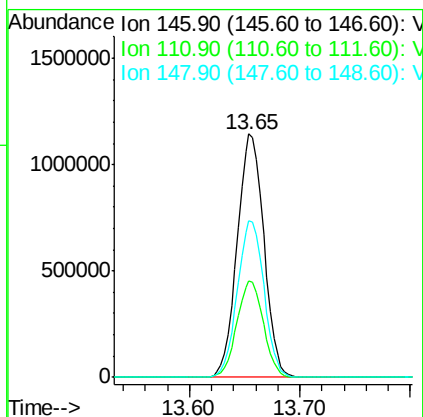
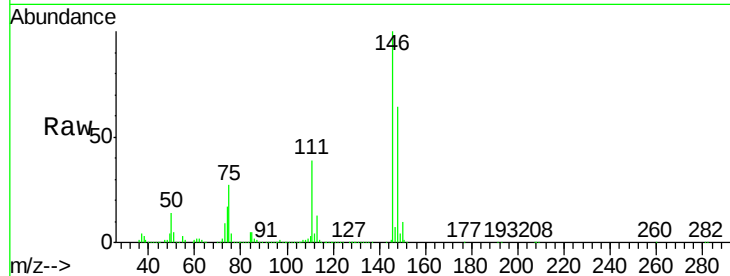




#91
 1,2-Dichlorobenzene
 Concen: 53.21 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

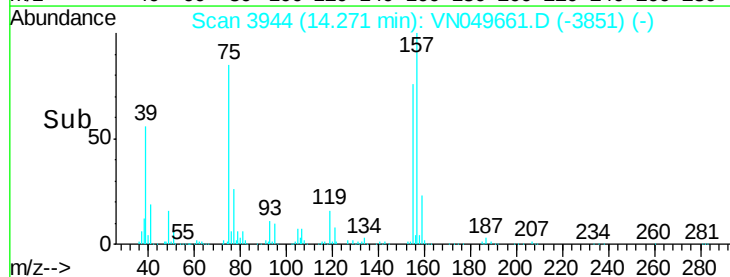
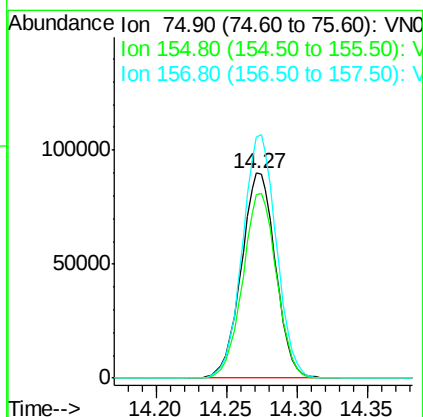
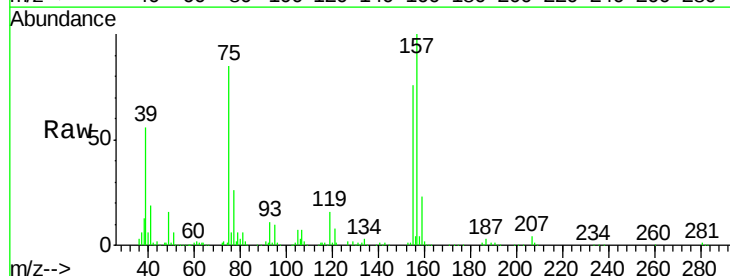
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

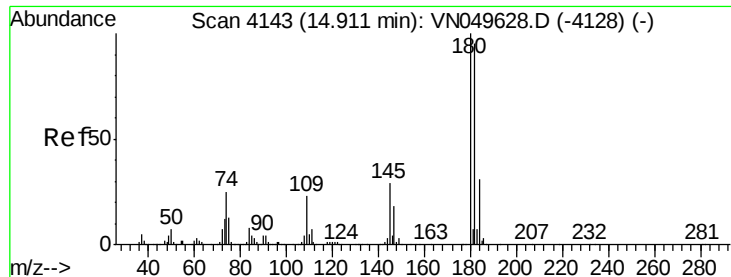
Tot Ion:146 Resp: 1914469
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.01 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion: 75 Resp: 153147
 Ion Ratio Lower Upper
 75 100
 155 88.7 45.7 137.1
 157 117.3 56.9 170.7

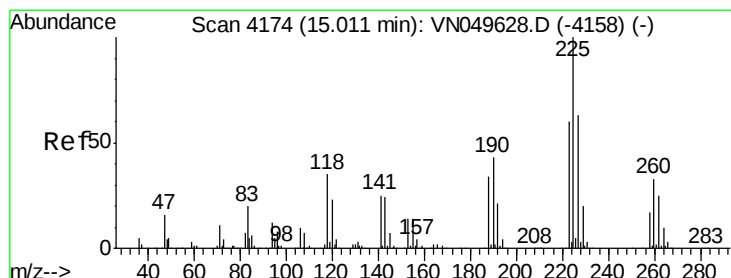
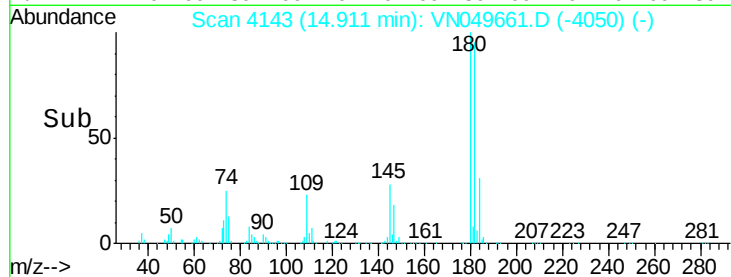
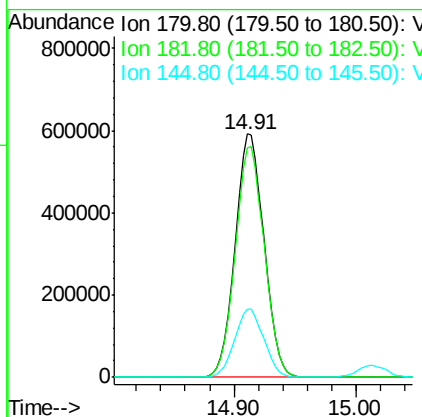
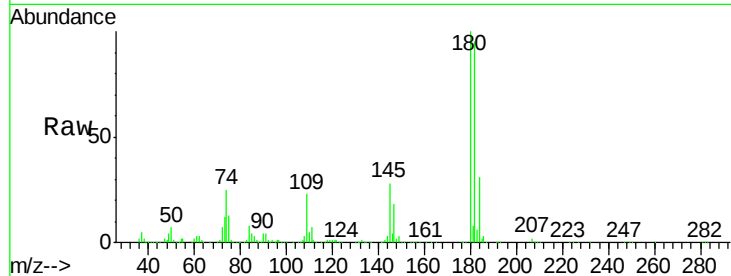




#93
 1,2,4-Trichlorobenzene
 Concen: 51.16 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

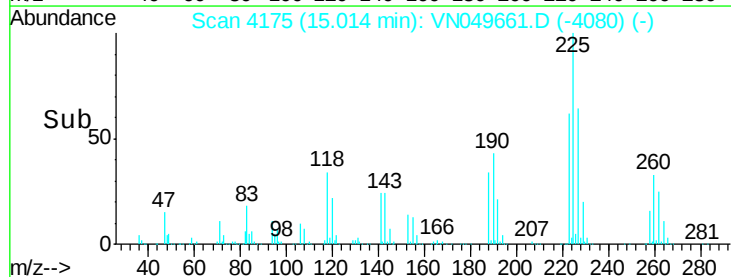
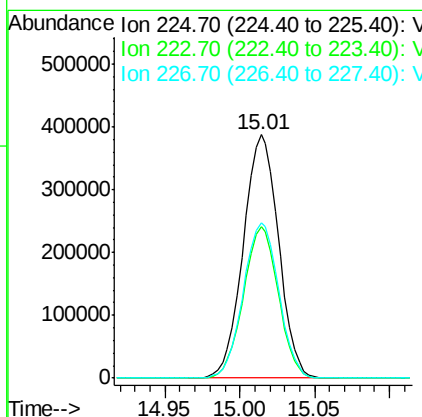
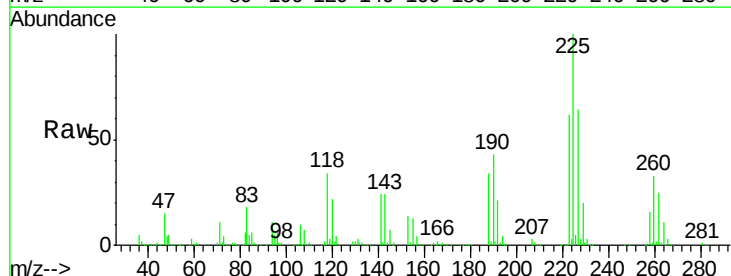
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

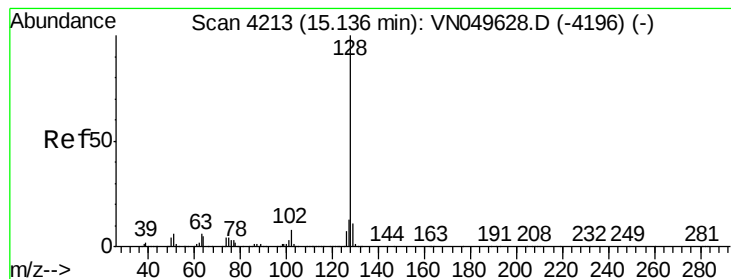
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.9
145	28.4	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 58.94 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049661.D
 Acq: 2 Jul 2018 11:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.9	92.7
227	64.2	31.8	95.4





#95

Naphthalene

Concen: 48.45 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Instrument :

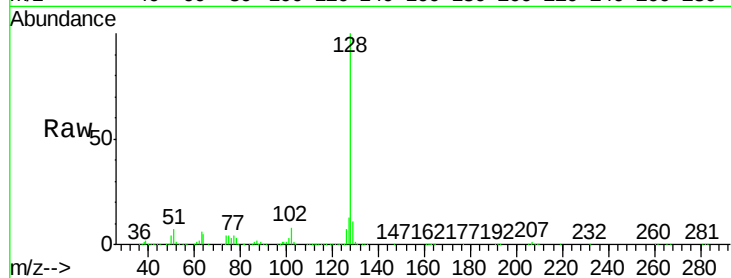
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 2006636

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.6	13.0

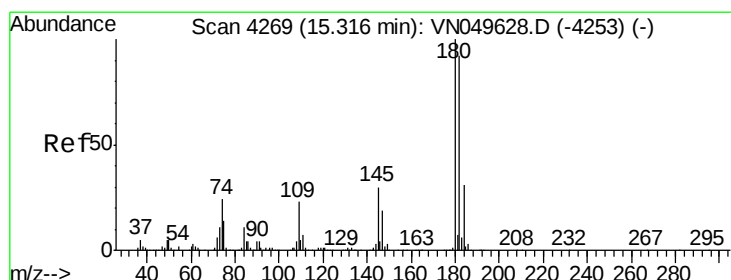
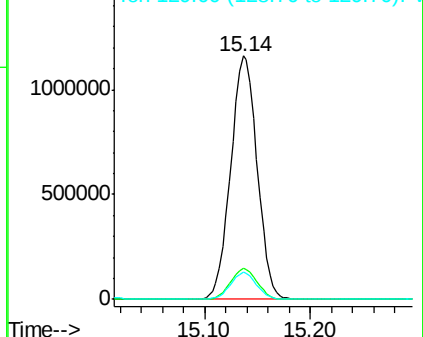
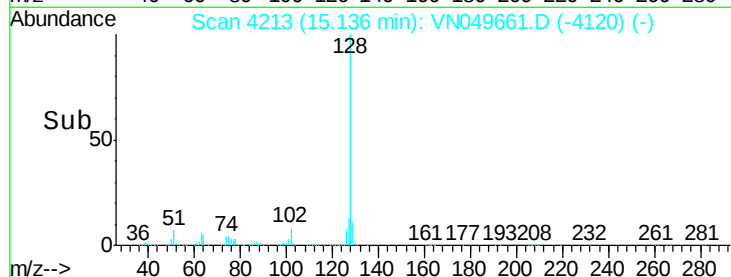


Abundance

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: 51.64 ug/l

RT: 15.32 min Scan# 4270

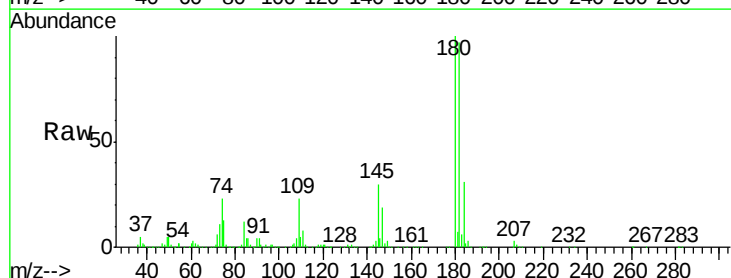
Delta R.T. 0.00 min

Lab File: VN049661.D

Acq: 2 Jul 2018 11:12

Tgt Ion:180 Resp: 924989

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.4	142.2
145	30.7	15.2	45.6



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

