

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062118\
 Data File : VN049461.D
 Acq On : 21 Jun 2018 11:26
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 11:43:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1456308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2071475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1918583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1001663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	879497	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	7.59	113	802102	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	10.09	98	2991294	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.40	95	1032089	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	808145	48.213	ug/l	100
3) Chloromethane	2.06	50	953299	44.043	ug/l	97
4) Vinyl Chloride	2.18	62	1081953	47.034	ug/l	99
5) Bromomethane	2.56	94	513144	42.434	ug/l	96
6) Chloroethane	2.70	64	674846	49.201	ug/l	99
7) Trichlorofluoromethane	3.01	101	1424564	49.640	ug/l	99
8) Diethyl Ether	3.41	74	480964	48.004	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	894945	49.169	ug/l	94
10) Methyl Iodide	3.95	142	1032581	54.495	ug/l	93
11) Tert butyl alcohol	4.79	59	249772	220.320	ug/l	98
12) 1,1-Dichloroethene	3.73	96	797874	47.783	ug/l	92
13) Acrolein	3.60	56	292549	246.074	ug/l	99
14) Allyl chloride	4.32	41	1273885	48.316	ug/l	90
15) Acrylonitrile	4.99	53	1370705	241.799	ug/l	98
16) Acetone	3.81	43	1227007	261.629	ug/l	93
17) Carbon Disulfide	4.05	76	2375500	45.388	ug/l	100
18) Methyl Acetate	4.32	43	694531	48.569	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	2115483	49.690	ug/l	100
20) Methylene Chloride	4.54	84	922688	47.106	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	856997	48.478	ug/l	92
22) Diisopropyl ether	5.95	45	2704472	51.366	ug/l	95
23) Vinyl Acetate	5.90	43	8656015	252.191	ug/l	96
24) 1,1-Dichloroethane	5.84	63	1624564	48.209	ug/l	99
25) 2-Butanone	6.84	43	1580691	251.008	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1383380	50.831	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	958216	48.754	ug/l	93
28) Bromochloromethane	7.19	49	673425	45.075	ug/l	84
29) Tetrahydrofuran	7.21	42	985602	243.138	ug/l	94
30) Chloroform	7.37	83	1647753	49.133	ug/l	100
31) Cyclohexane	7.65	56	1424884	49.877	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1417753	49.546	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1267136	53.373	ug/l	97
37) Ethyl Acetate	6.93	43	684887	53.065	ug/l	99
38) Carbon Tetrachloride	7.77	117	1266871	51.544	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1351950	53.049	ug/l	96
40) Benzene	8.04	78	3748858	51.505	ug/l	98
41) Methacrylonitrile	7.17	41	348140	49.895	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1147952	51.049	ug/l	96
43) Isopropyl Acetate	8.17	43	1287328	52.203	ug/l	97
44) Trichloroethene	8.83	130	1013257	52.717	ug/l	93
45) 1,2-Dichloropropane	9.12	63	991574	52.030	ug/l	99
46) Dibromomethane	9.21	93	573814	51.927	ug/l	91
47) Bromodichloromethane	9.40	83	1278159	52.634	ug/l	98
48) Methyl methacrylate	9.20	41	629677	54.223	ug/l	88
49) 1,4-Dioxane	9.20	88	160300	1000.150	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3434831	265.761	ug/l	95
52) Toluene	10.16	92	2305602	53.971	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1242592	53.489	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1470542	53.612	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	816323	51.259	ug/l	98
56) Ethyl methacrylate	10.43	69	998703	54.358	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1379541	52.291	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1323696	204.306	ug/l	95
59) 2-Hexanone	10.75	43	2273073	272.797	ug/l	92
60) Dibromochloromethane	10.90	129	936884	52.709	ug/l	100
61) 1,2-Dibromoethane	11.01	107	786399	53.124	ug/l	100
64) Tetrachloroethene	10.63	164	1161402	59.075	ug/l	98
65) Chlorobenzene	11.43	112	2506487	50.714	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	936848	50.370	ug/l	100
67) Ethyl Benzene	11.51	91	4405306	53.736	ug/l	97
68) m/p-Xylenes	11.62	106	3416517	111.048	ug/l	96
69) o-Xylene	11.95	106	1620035	54.670	ug/l	95
70) Styrene	11.96	104	2664267	56.990	ug/l	97
71) Bromoform	12.13	173	627407	52.113	ug/l #	100
73) Isopropylbenzene	12.25	105	4357561	49.547	ug/l	98
74) N-amyl acetate	12.07	43	1025937	47.626	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	879563	48.549	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1183562	69.251	ug/l #	100
77) Bromobenzene	12.53	156	1077577	46.386	ug/l	91
78) n-propylbenzene	12.59	91	5046095	52.255	ug/l	99
79) 2-Chlorotoluene	12.68	91	2979607	48.697	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3602565	52.115	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	259596	48.006	ug/l	93
82) 4-Chlorotoluene	12.78	91	2987370	50.608	ug/l	96
83) tert-Butylbenzene	12.99	119	2993736	48.884	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3644371	53.069	ug/l	99
85) sec-Butylbenzene	13.17	105	4115474	50.489	ug/l	99
86) p-Isopropyltoluene	13.29	119	3567496	52.385	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	1919769	50.234	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1846772	48.755	ug/l	99
89) n-Butylbenzene	13.62	91	2858297	53.735	ug/l	98
90) Hexachloroethane	13.88	117	671352	52.164	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	1843734	49.190	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	132784	43.367	ug/l	87

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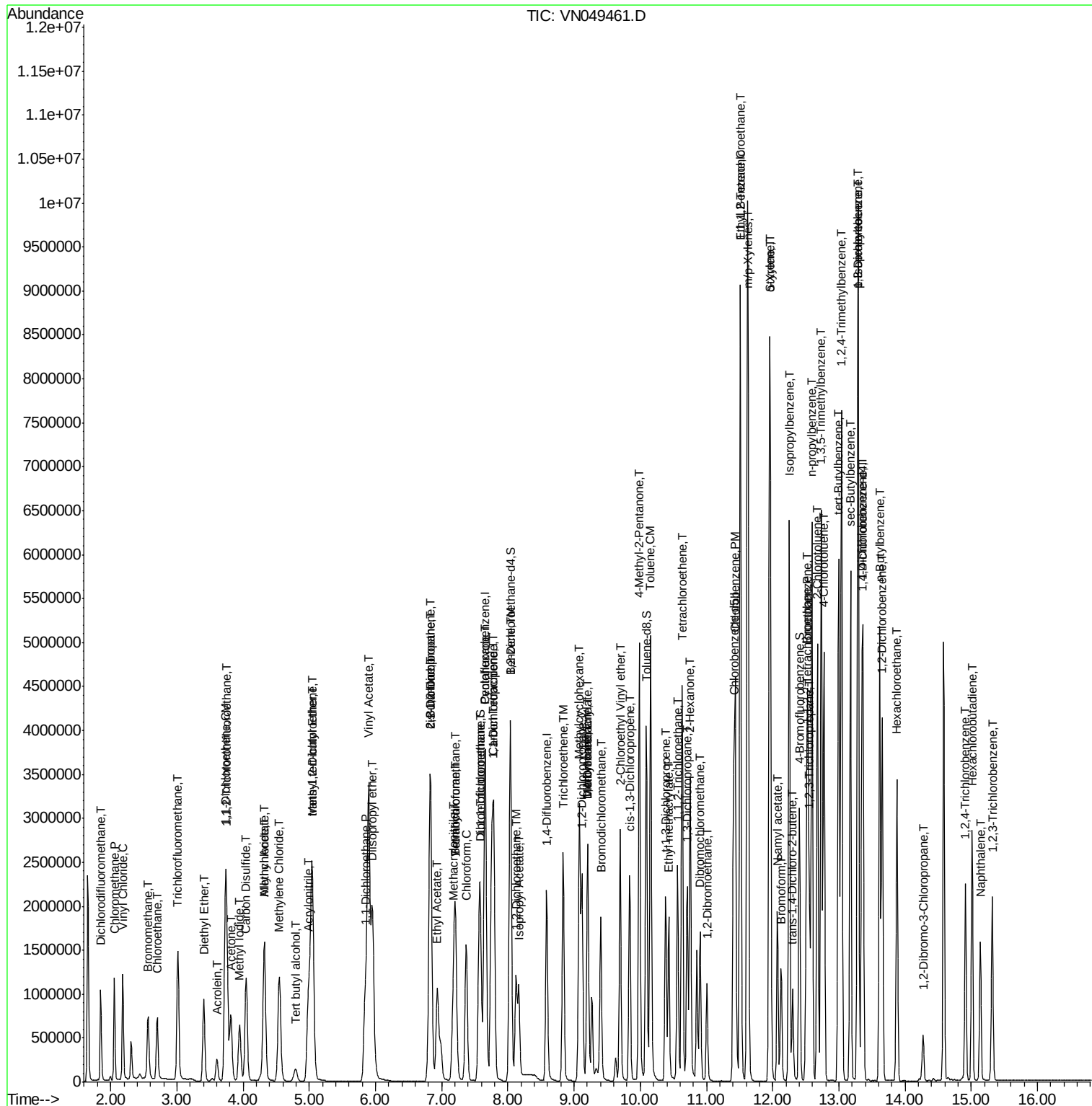
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	755601	44.555	ug/l	98
94) Hexachlorobutadiene	15.01	225	609854	55.949	ug/l	98
95) Naphthalene	15.14	128	1366147	45.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	764880	45.854	ug/l	99

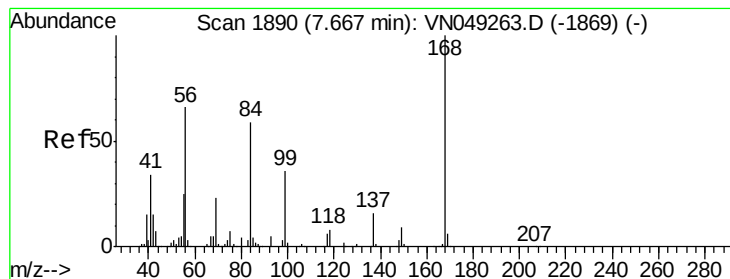
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

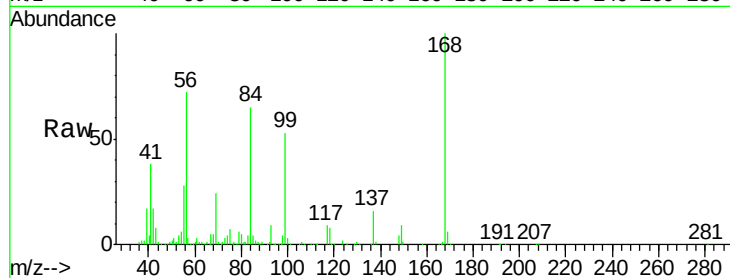
VSTDCCC050

Tgt Ion:168 Resp: 1456308

Ion Ratio Lower Upper

168 100

99 52.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

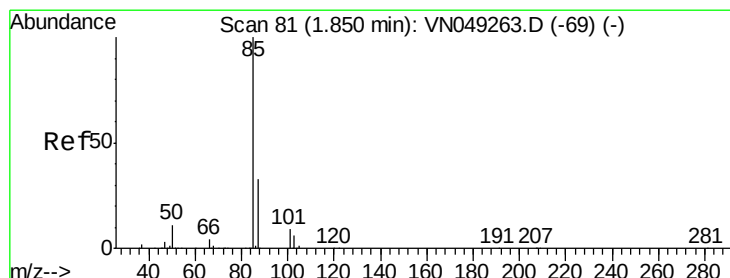
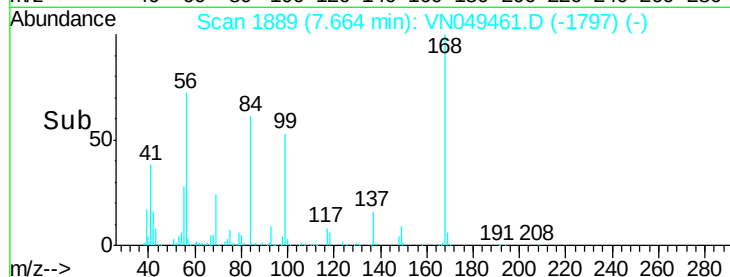
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.213 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN049461.D

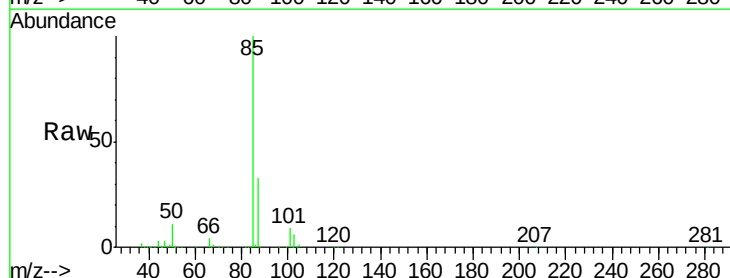
Acq: 21 Jun 2018 11:26

Tgt Ion: 85 Resp: 808145

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

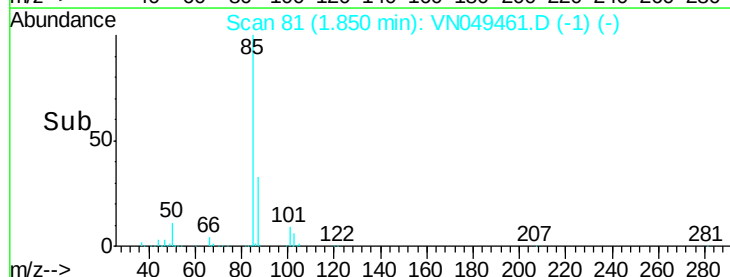
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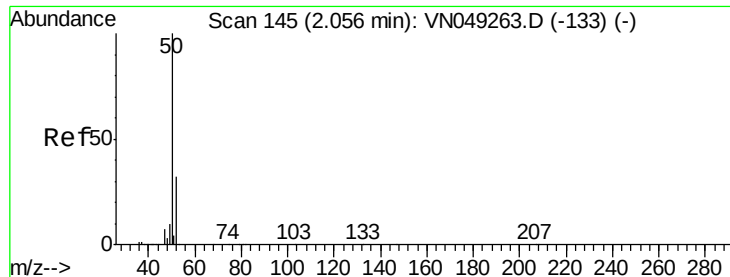
400000

200000

0

Time-->





#3

Chloromethane

Concen: 44.043 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

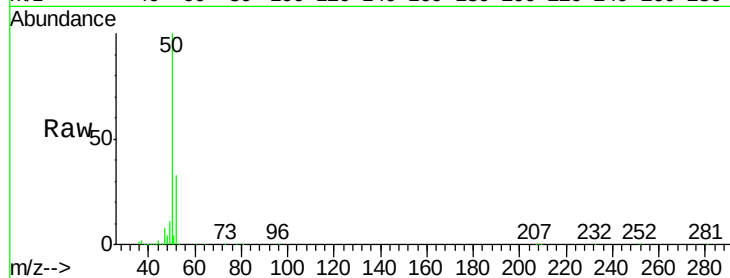
VSTDCCC050

Tgt Ion: 50 Resp: 953299

Ion Ratio Lower Upper

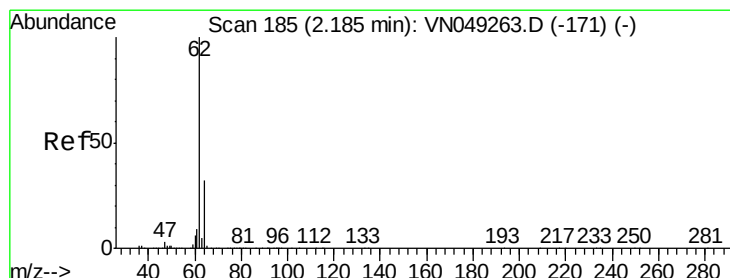
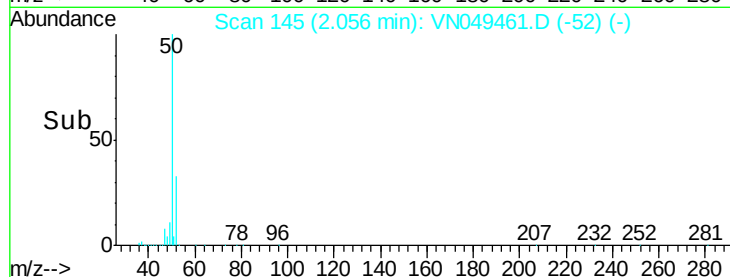
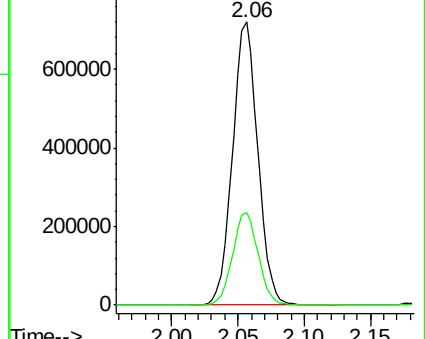
50 100

52 32.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049461.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049461.D (-52) (-)



#4

Vinyl Chloride

Concen: 47.034 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049461.D

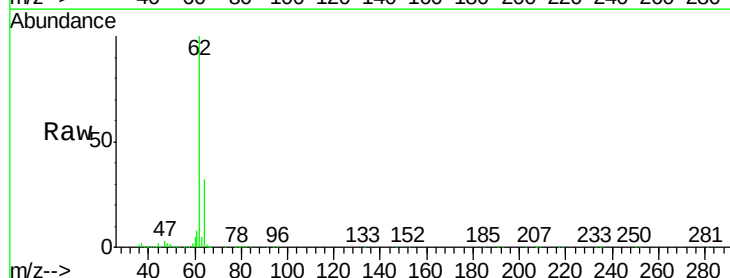
Acq: 21 Jun 2018 11:26

Tgt Ion: 62 Resp: 1081953

Ion Ratio Lower Upper

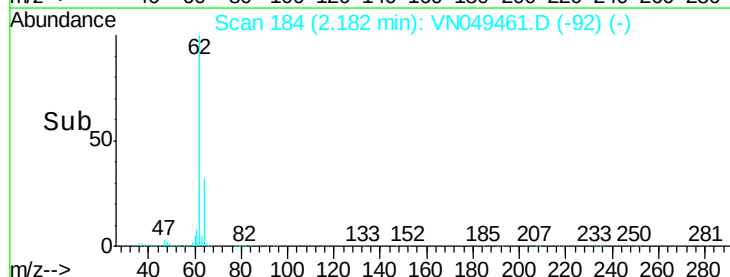
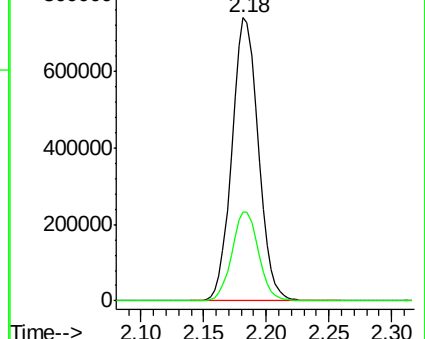
62 100

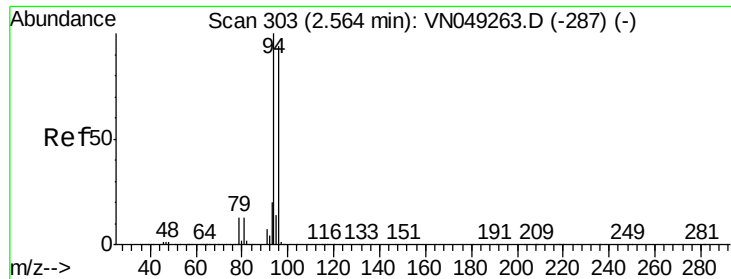
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049461.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN049461.D (-92) (-)





#5

Bromomethane

Concen: 42.434 ug/l

RT: 2.56 min Scan# 303

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

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ClientSampleId :

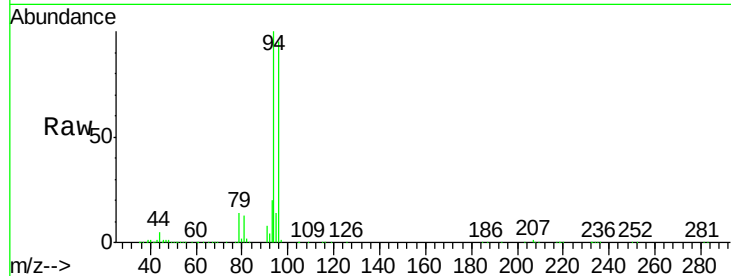
VSTDCCC050

Tgt Ion: 94 Resp: 513144

Ion Ratio Lower Upper

94 100

96 94.5 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049461.D (-210) (-)

Ion 95.90 (95.60 to 96.60): VN049461.D (-210) (-)

2.56

250000

200000

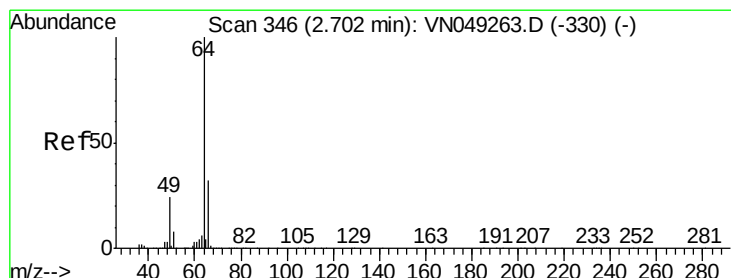
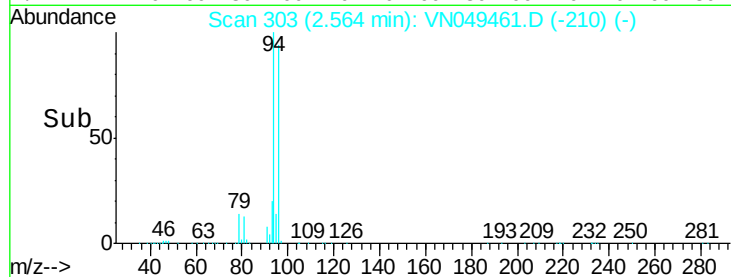
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 49.201 ug/l

RT: 2.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VN049461.D

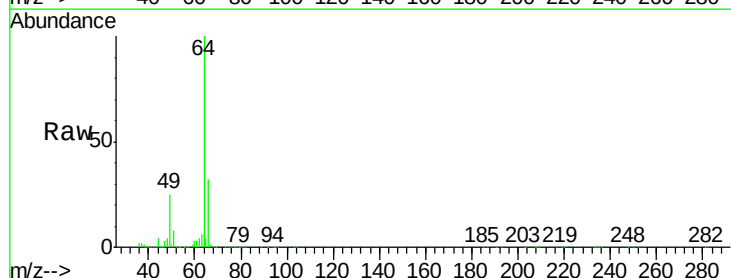
Acq: 21 Jun 2018 11:26

Tgt Ion: 64 Resp: 674846

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049461.D (-253) (-)

Ion 65.90 (65.60 to 66.60): VN049461.D (-253) (-)

2.70

400000

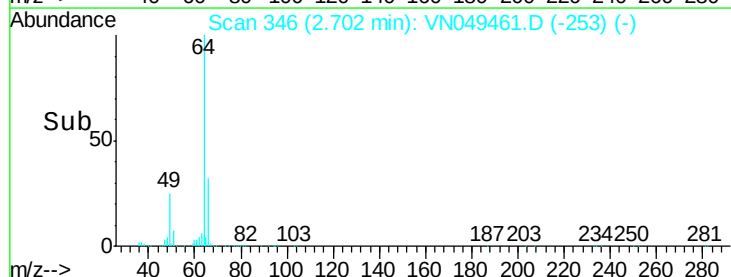
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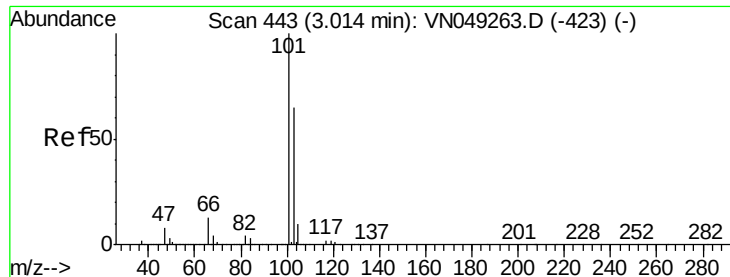
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Time-->



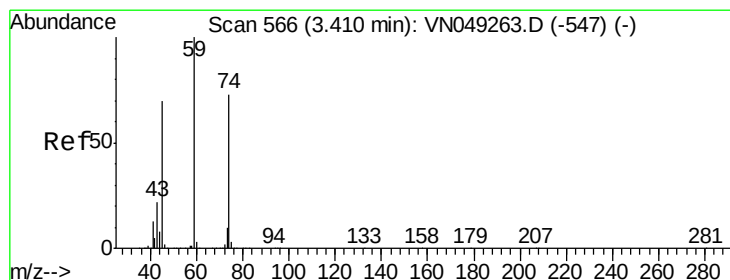
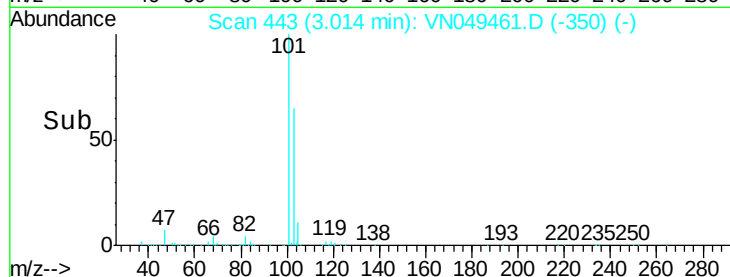
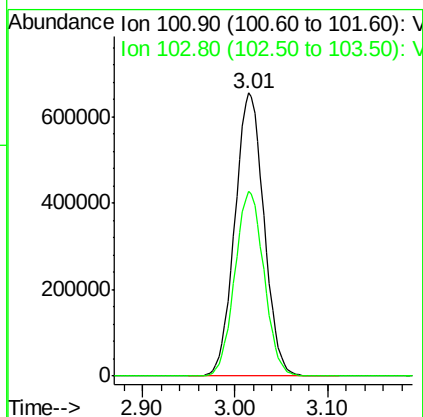
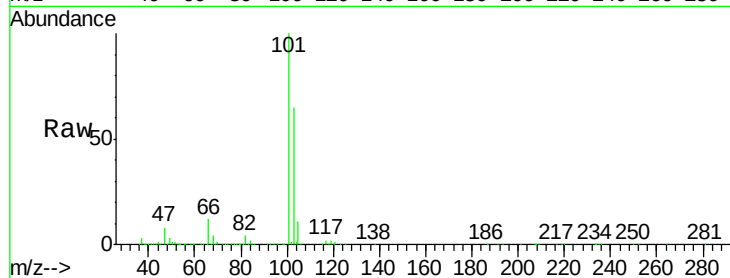


#7

Trichlorofluoromethane
Concen: 49.640 ug/l
RT: 3.01 min Scan# 443
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Instrument :
MSVOA_N
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VSTDCCC050

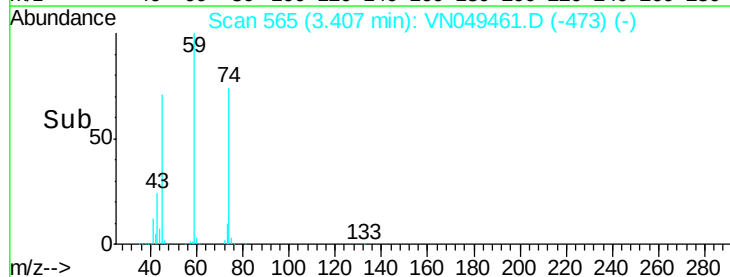
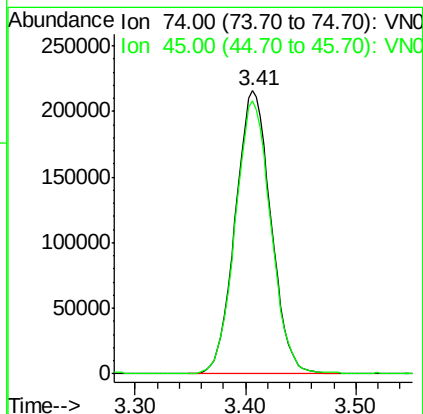
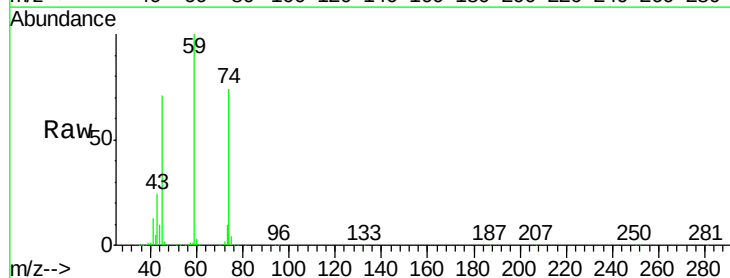
Tgt Ion:101 Resp: 1424564
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

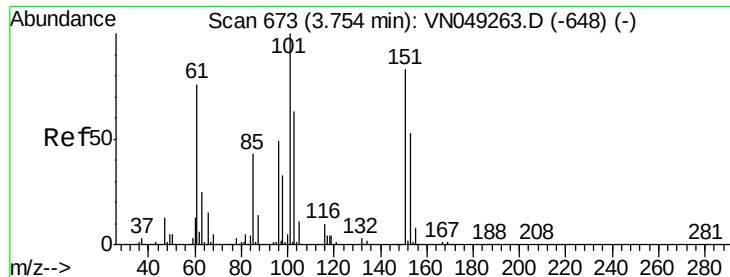


#8

Diethyl Ether
Concen: 48.004 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion: 74 Resp: 480964
Ion Ratio Lower Upper
74 100
45 95.9 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.169 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

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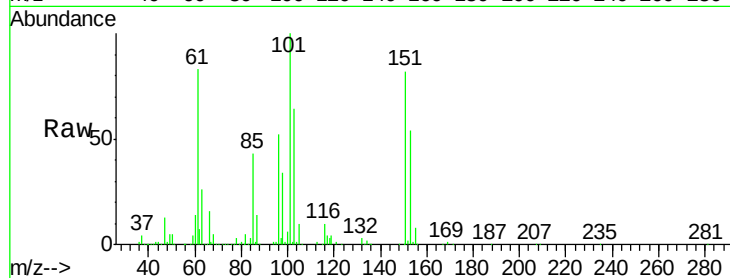
Tgt Ion:101 Resp: 894945

Ion Ratio Lower Upper

101 100

85 43.1 37.6 56.4

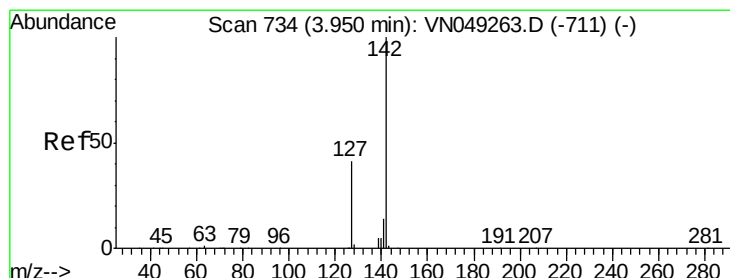
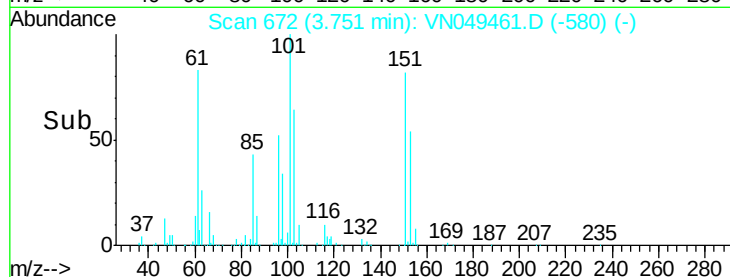
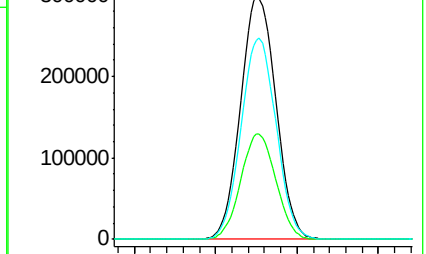
151 82.1 61.1 91.7



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: 54.495 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

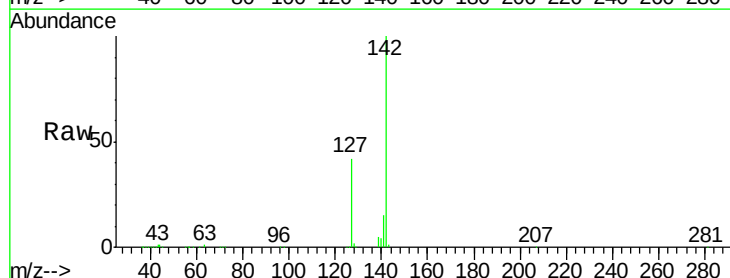
Tgt Ion:142 Resp: 1032581

Ion Ratio Lower Upper

142 100

127 42.1 38.2 57.4

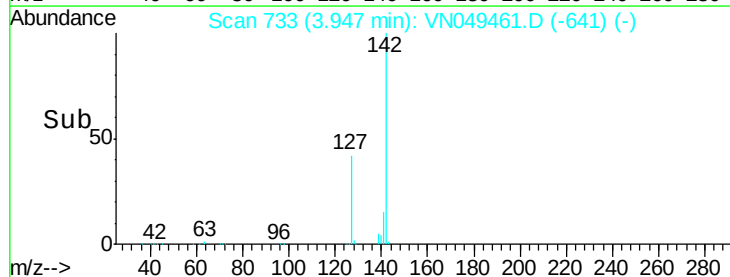
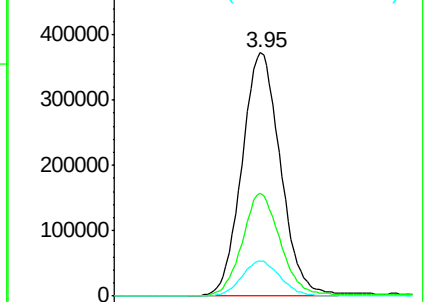
141 14.5 11.9 17.9

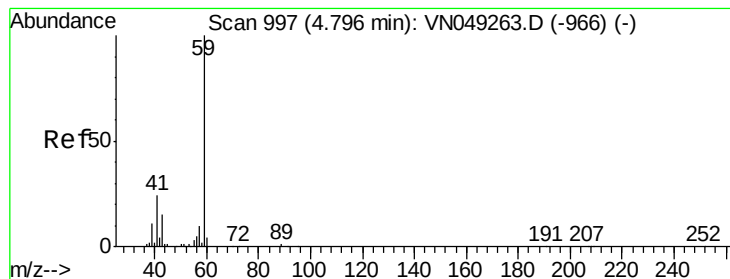


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



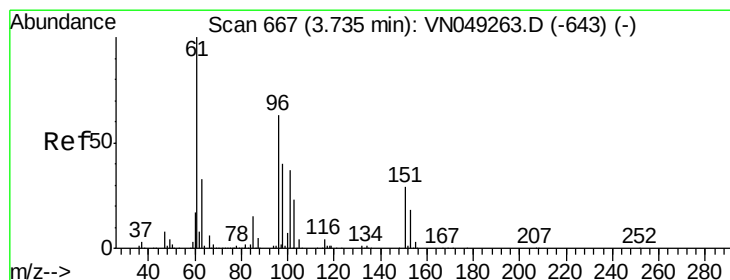
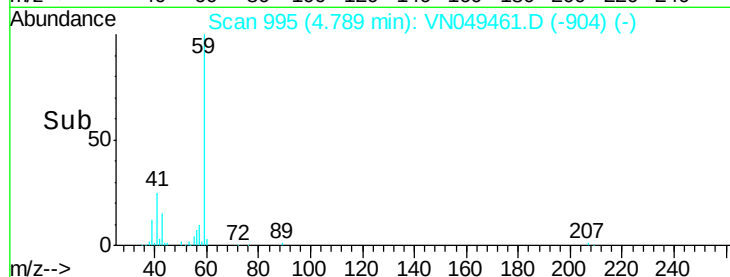
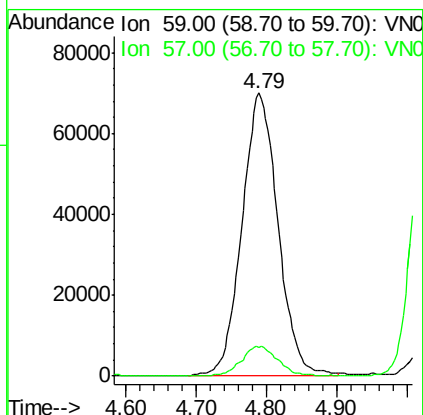
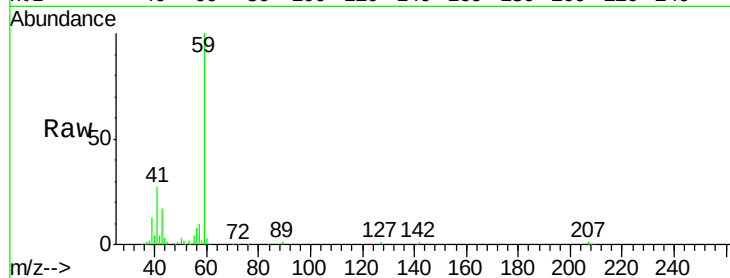


#11

Tert butyl alcohol
 Concen: 220.320 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

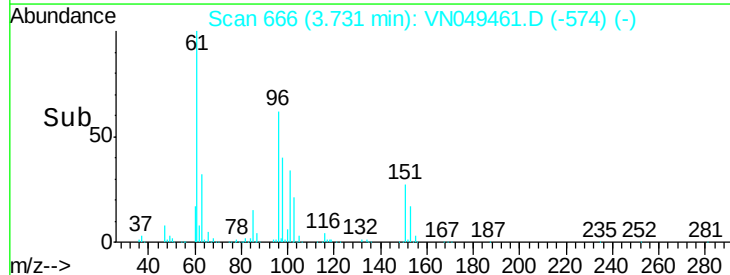
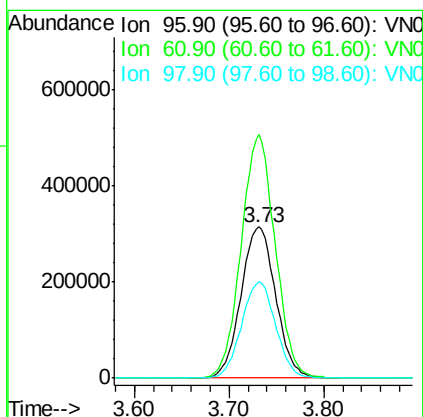
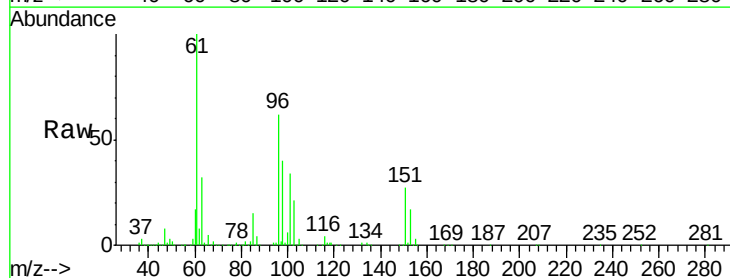
Tgt Ion: 59 Resp: 249772
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.0 13.6

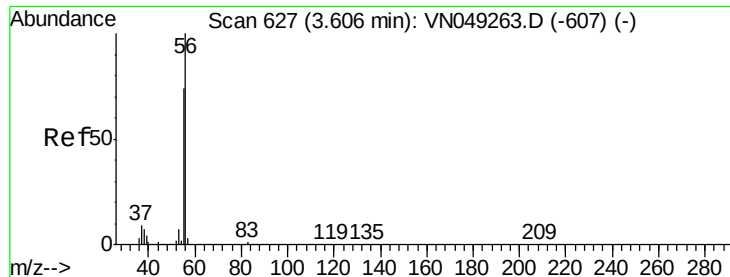


#12

1,1-Dichloroethene
 Concen: 47.783 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 96 Resp: 797874
 Ion Ratio Lower Upper
 96 100
 61 161.0 141.0 211.4
 98 63.8 50.4 75.6





#13

Acrolein

Concen: 246.074 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

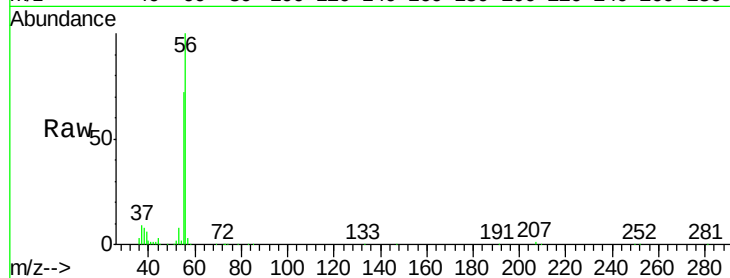
VSTDCCC050

Tgt Ion: 56 Resp: 292549

Ion Ratio Lower Upper

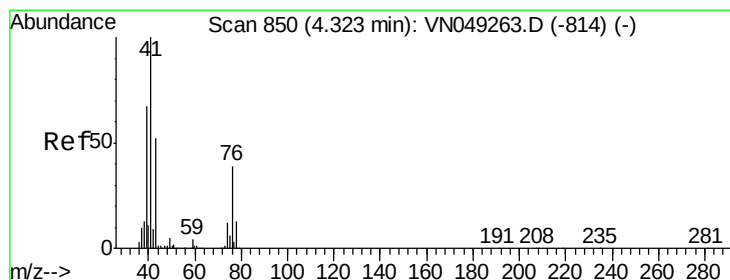
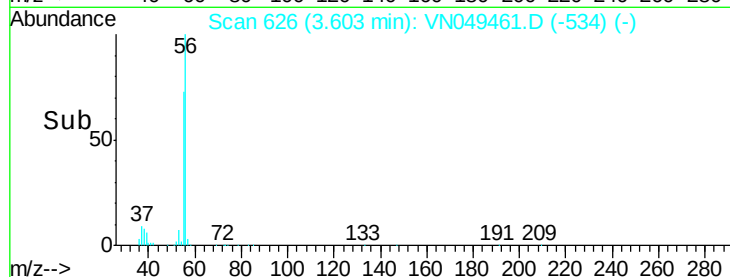
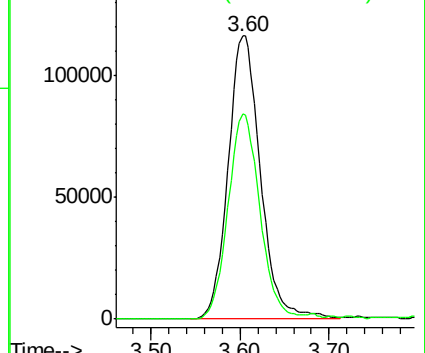
56 100

55 70.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.316 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

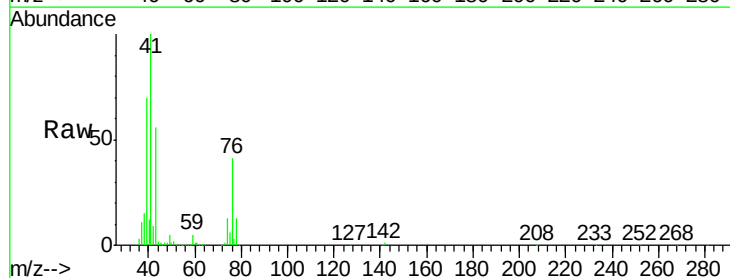
Tgt Ion: 41 Resp: 1273885

Ion Ratio Lower Upper

41 100

39 67.2 62.5 93.7

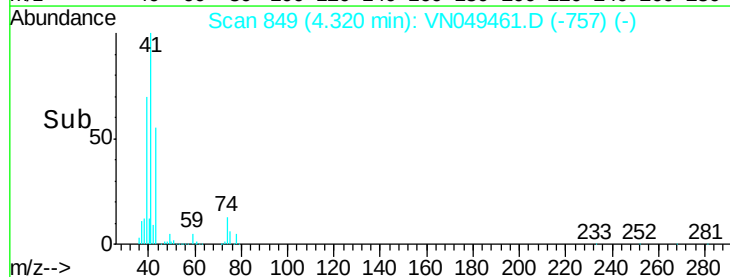
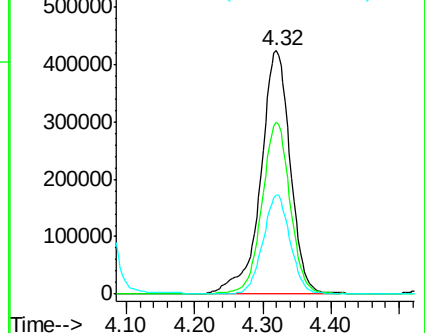
76 36.8 27.1 40.7

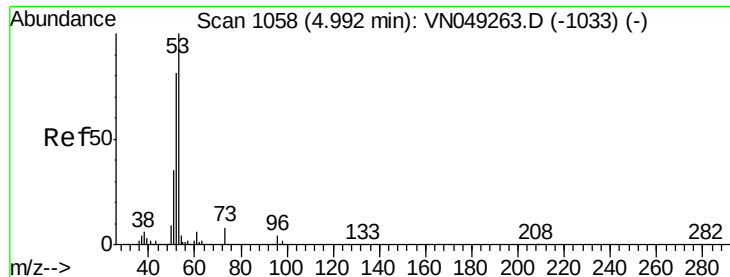


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

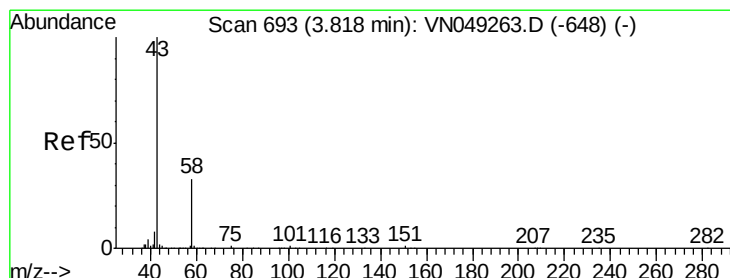
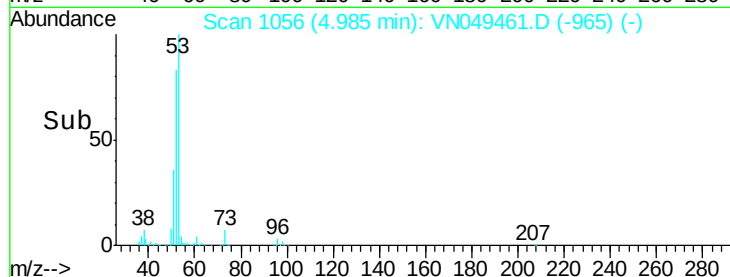
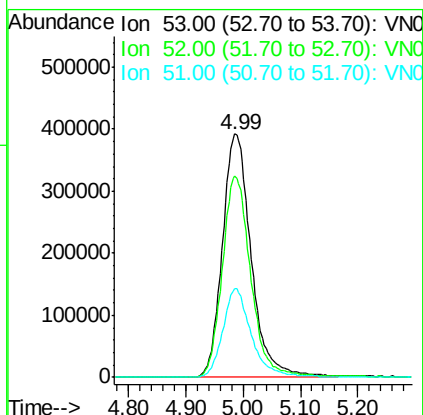
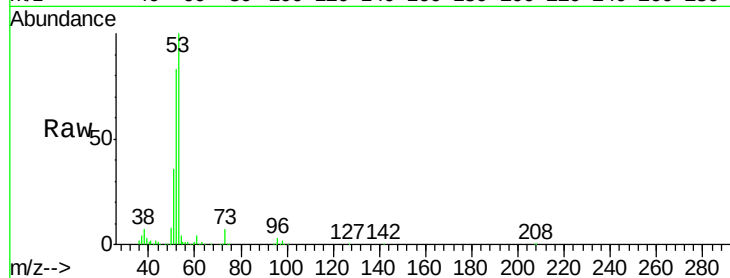




#15
 Acrylonitrile
 Concen: 241.799 ug/l
 RT: 4.99 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

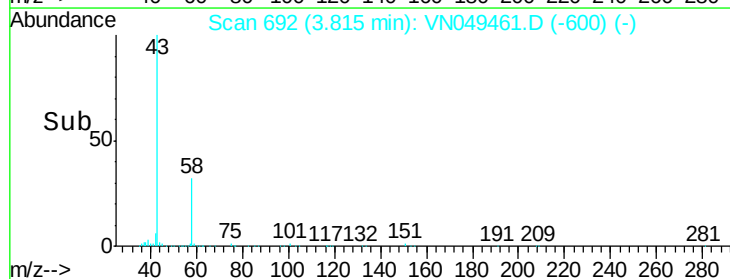
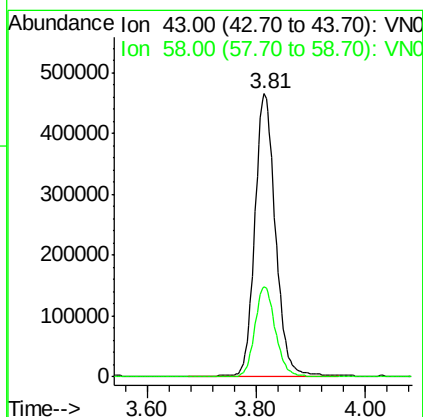
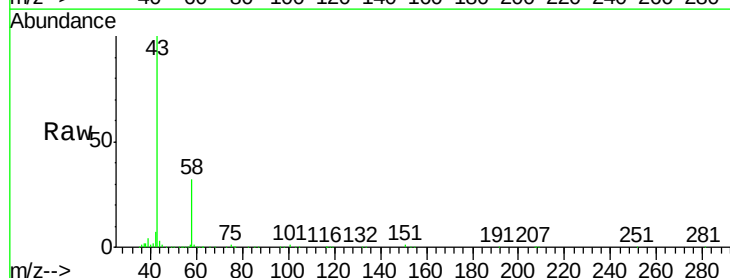
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

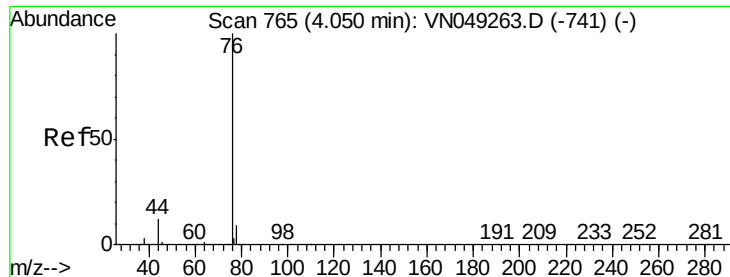
Tgt Ion: 53 Resp: 1370705
 Ion Ratio Lower Upper
 53 100
 52 81.6 66.6 100.0
 51 35.9 29.8 44.8



#16
 Acetone
 Concen: 261.629 ug/l
 RT: 3.81 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 43 Resp: 1227007
 Ion Ratio Lower Upper
 43 100
 58 31.7 22.4 33.6





#17

Carbon Disulfide

Concen: 45.388 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

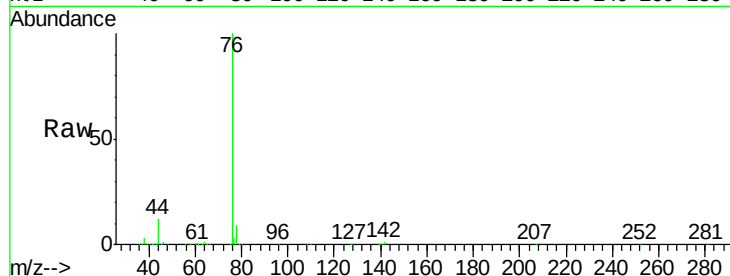
VSTDCCC050

Tgt Ion: 76 Resp: 2375500

Ion Ratio Lower Upper

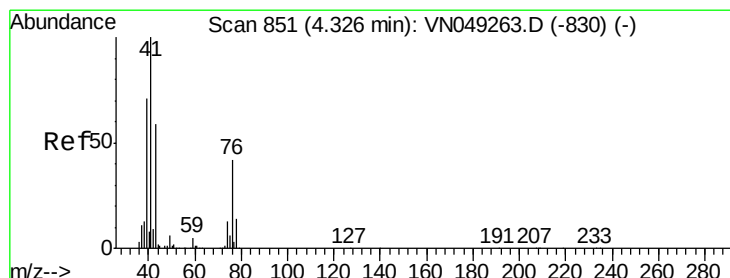
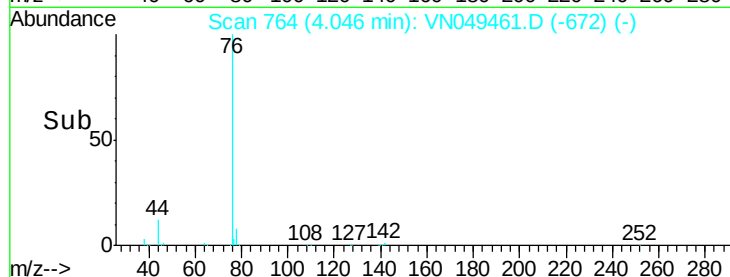
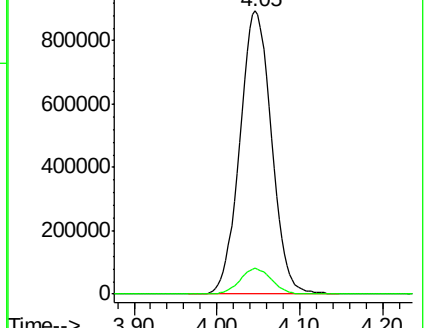
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049461.D (-672) (-)

Ion 77.90 (77.60 to 78.60): VN049461.D (-672) (-)



#18

Methyl Acetate

Concen: 48.569 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049461.D

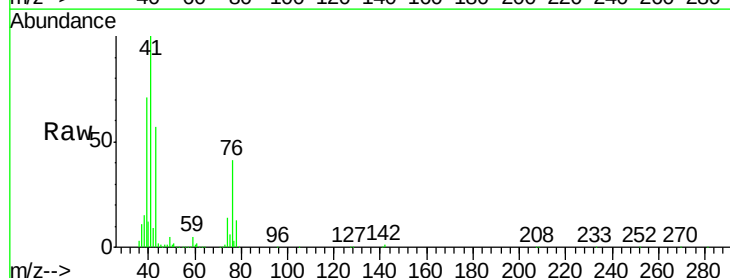
Acq: 21 Jun 2018 11:26

Tgt Ion: 43 Resp: 694531

Ion Ratio Lower Upper

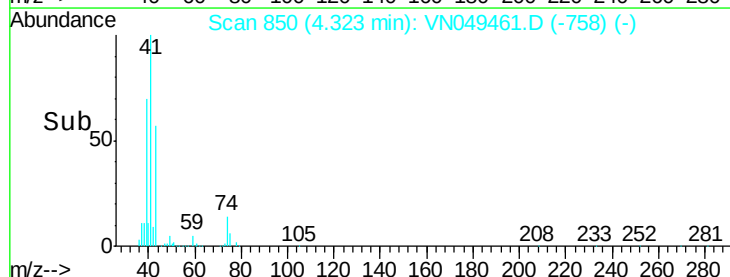
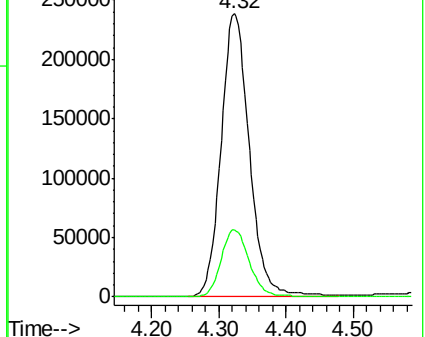
43 100

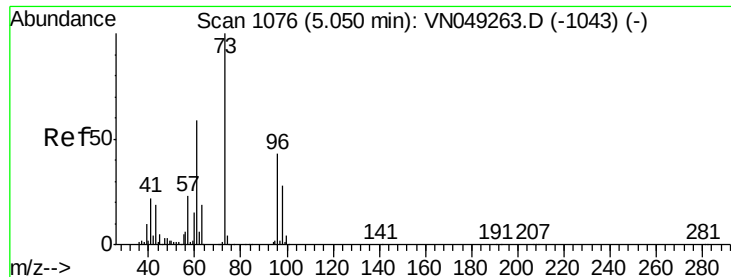
74 23.7 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049461.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049461.D (-758) (-)



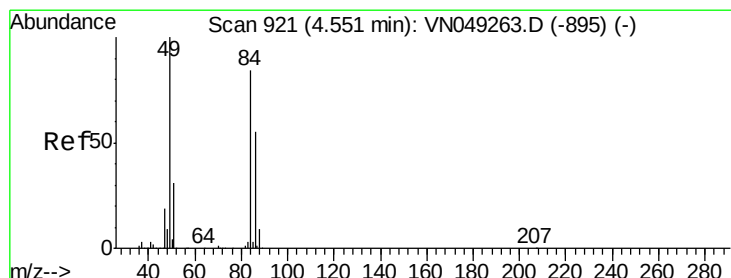
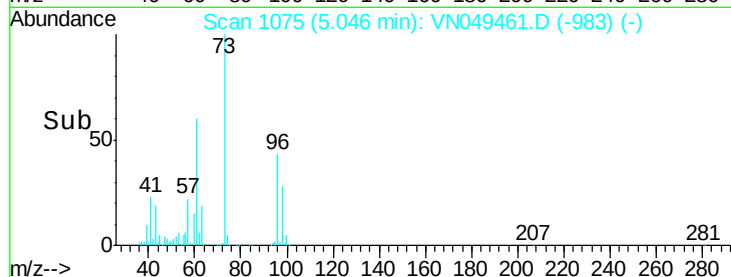
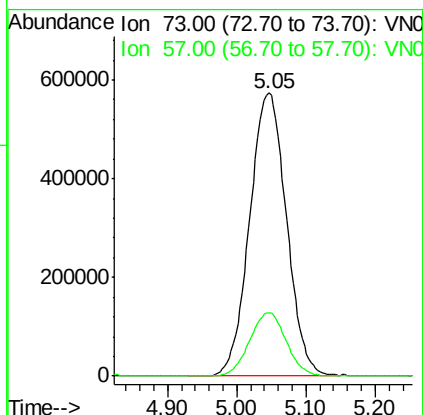
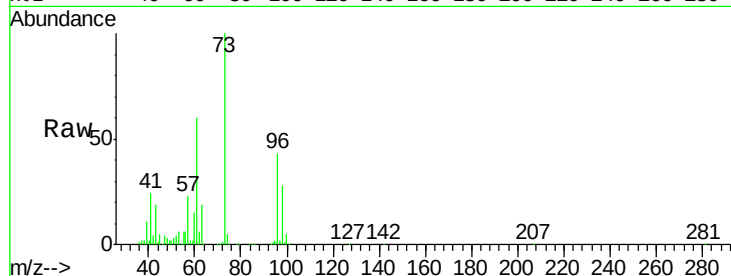


#19

Methyl tert-butyl Ether
 Concen: 49.690 ug/l
 RT: 5.05 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

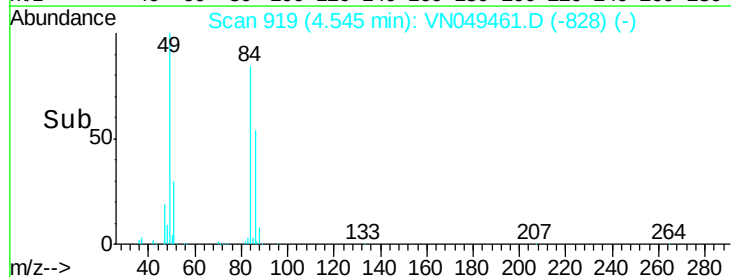
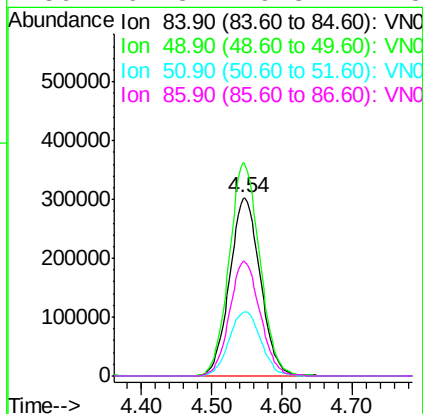
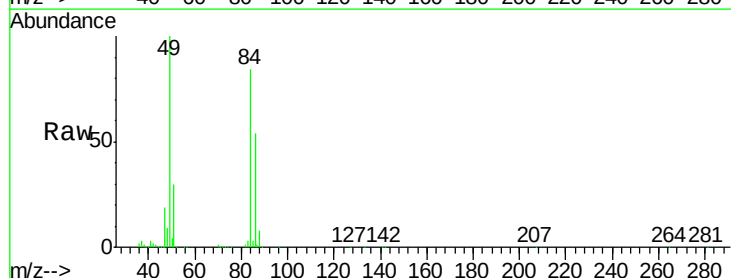
Tgt Ion: 73 Resp: 2115483
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.2 27.4

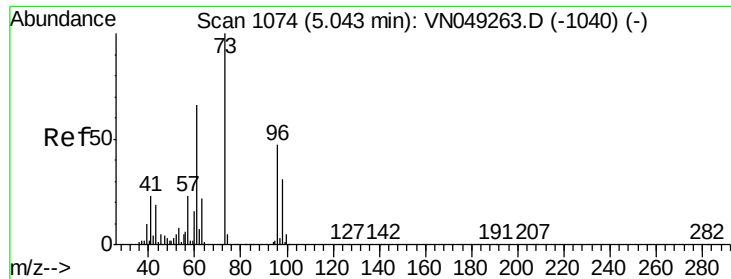


#20

Methylene Chloride
 Concen: 47.106 ug/l
 RT: 4.54 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 84 Resp: 922688
 Ion Ratio Lower Upper
 84 100
 49 119.6 106.9 160.3
 51 35.7 32.7 49.1
 86 64.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 48.478 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

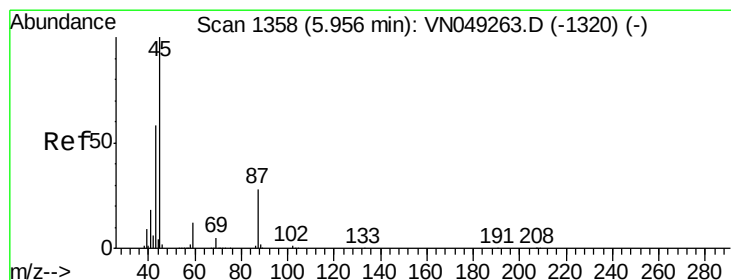
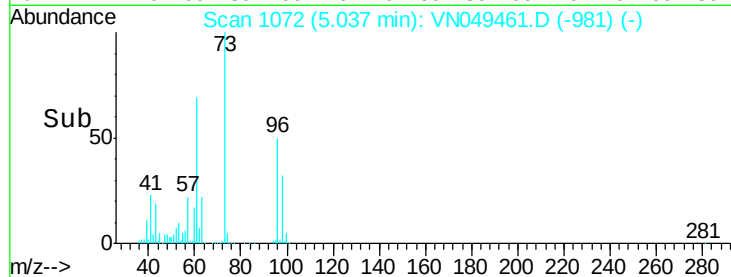
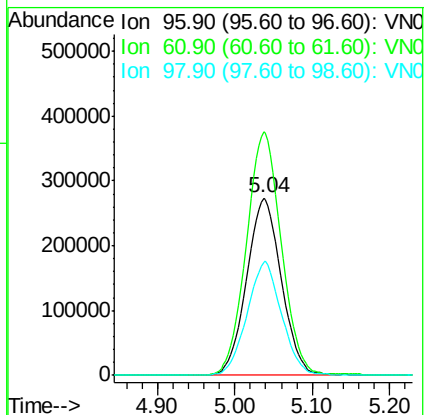
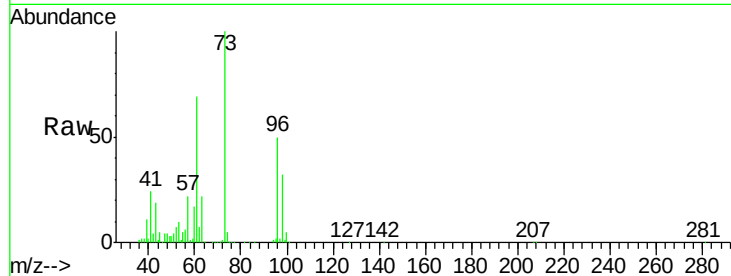
Tgt Ion: 96 Resp: 856997

Ion Ratio Lower Upper

96 100

61 137.2 121.3 181.9

98 63.9 52.0 78.0



#22

Diisopropyl ether

Concen: 51.366 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Tgt Ion: 45 Resp: 2704472

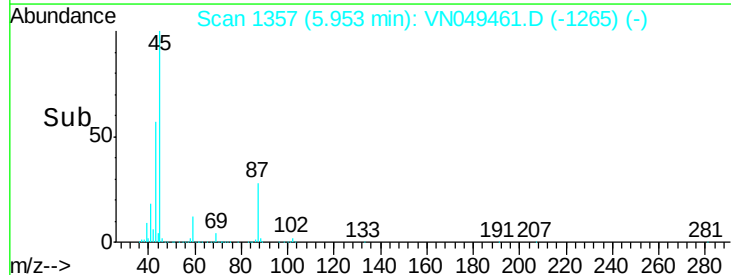
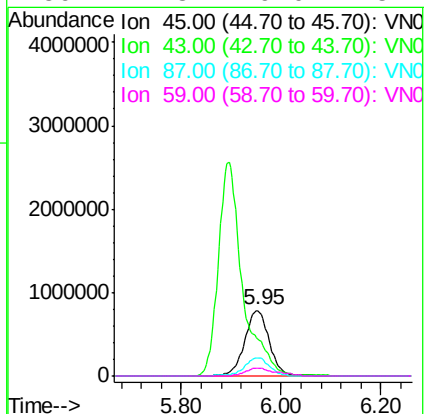
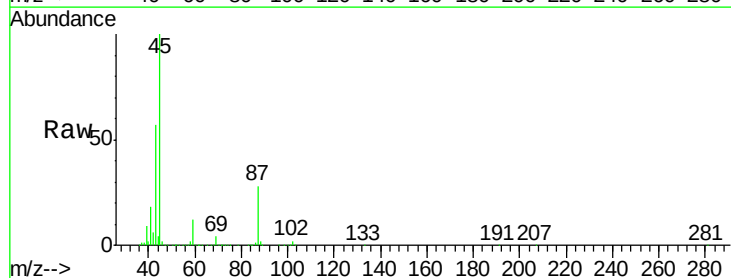
Ion Ratio Lower Upper

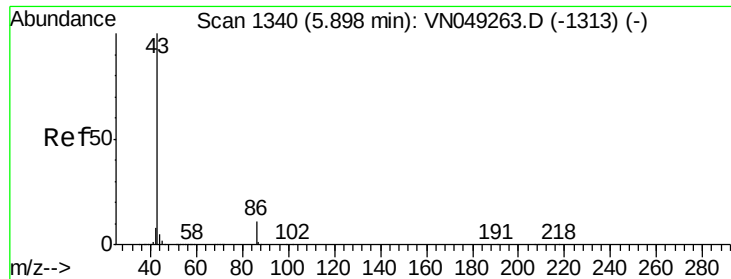
45 100

43 57.1 48.6 72.8

87 28.1 20.2 30.2

59 11.8 9.0 13.4

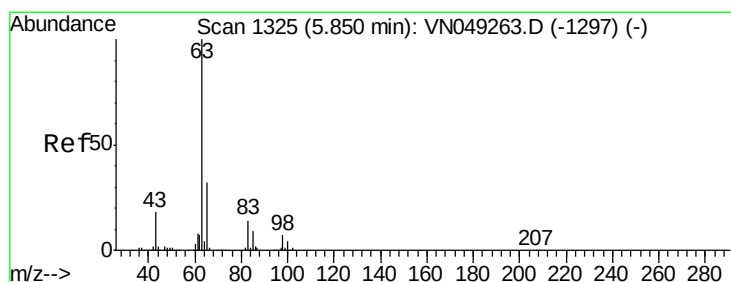
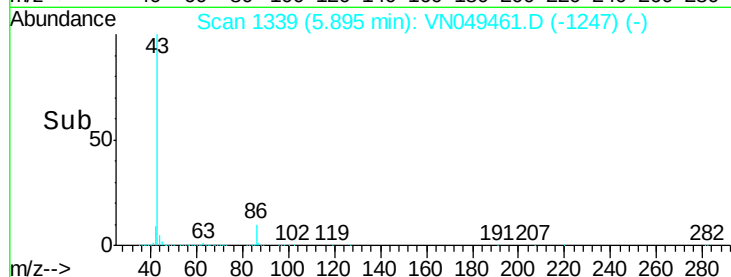
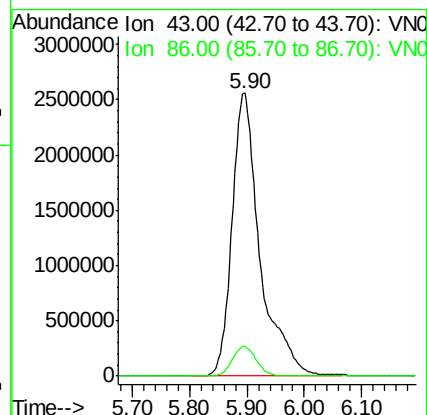
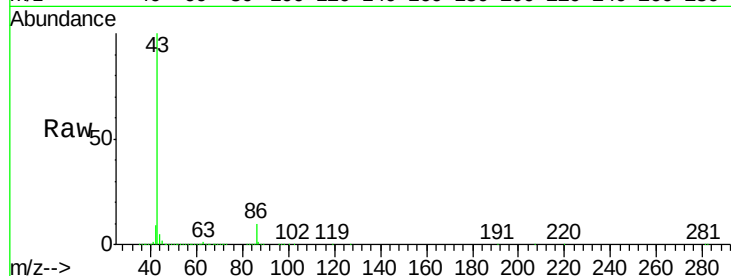




#23
 Vinyl Acetate
 Concen: 252.191 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

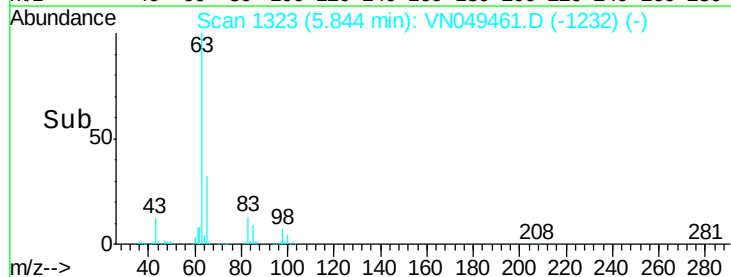
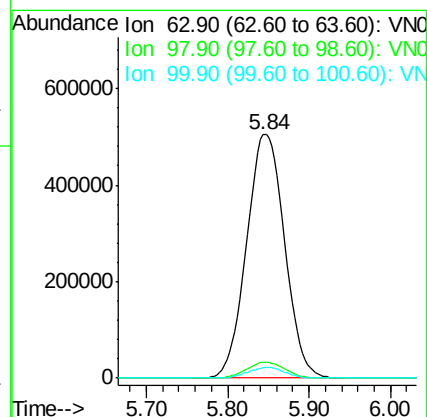
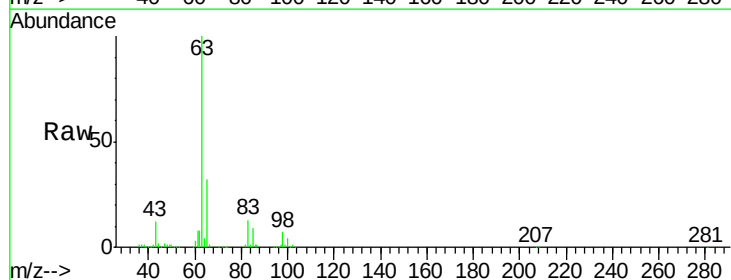
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

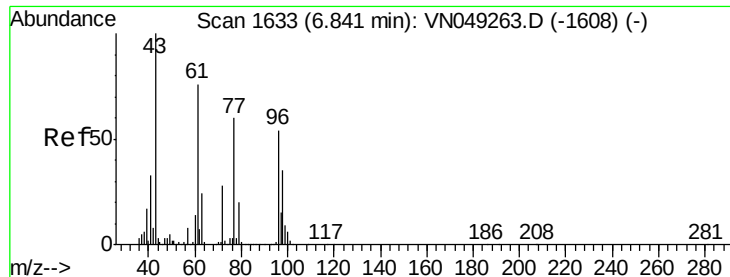
Tgt Ion: 43 Resp: 8656015
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 48.209 ug/l
 RT: 5.84 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 63 Resp: 1624564
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.8
 100 4.3 2.1 6.3

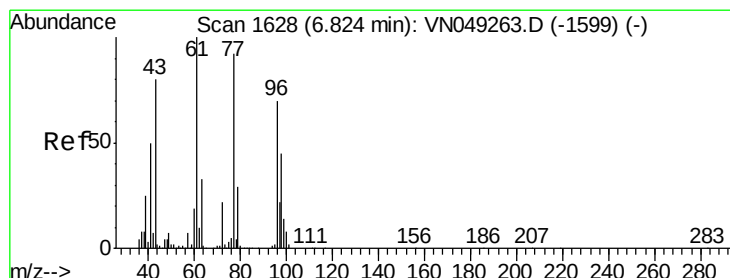
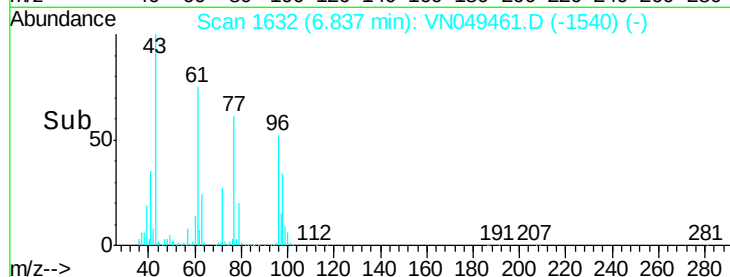
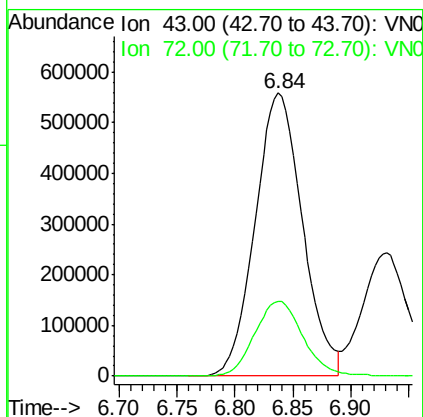
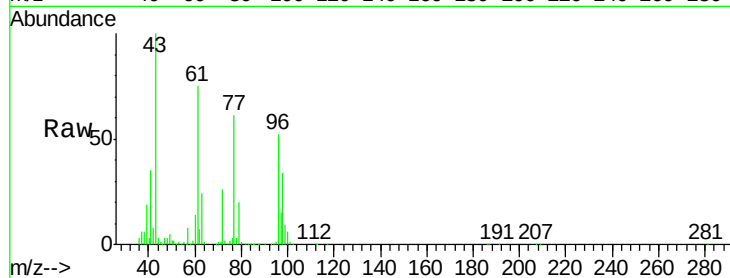




#25
 2-Butanone
 Concen: 251.008 ug/l
 RT: 6.84 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

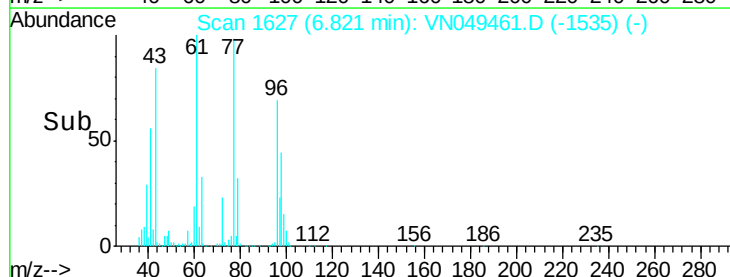
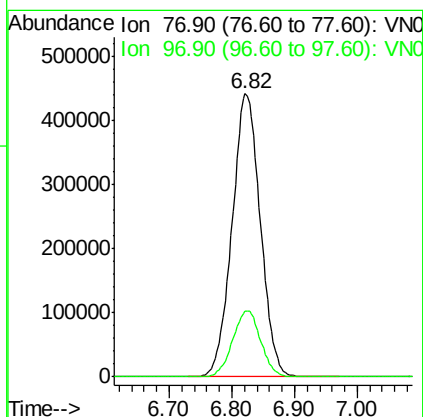
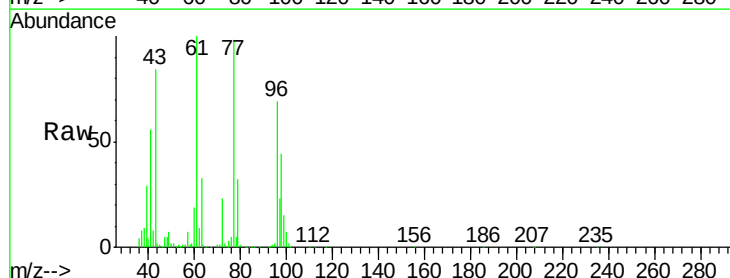
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

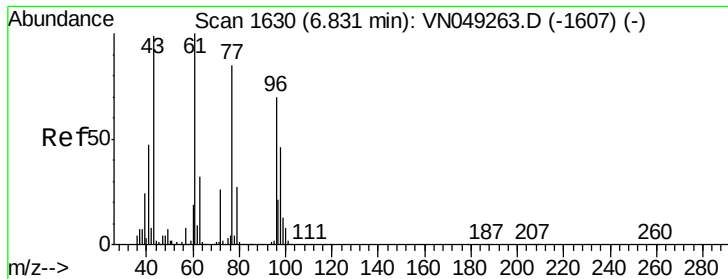
Tgt Ion: 43 Resp: 1580691
 Ion Ratio Lower Upper
 43 100
 72 26.5 20.2 30.2



#26
 2,2-Dichloropropane
 Concen: 50.831 ug/l
 RT: 6.82 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 77 Resp: 1383380
 Ion Ratio Lower Upper
 77 100
 97 23.2 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 48.754 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

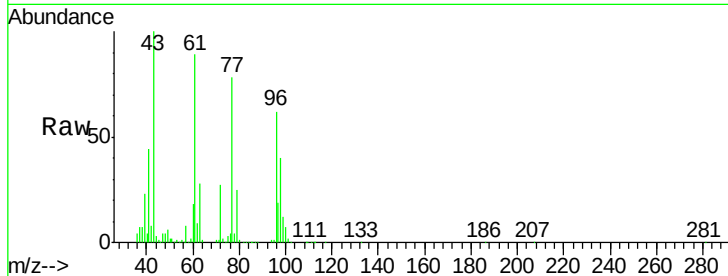
Tgt Ion: 96 Resp: 958216

Ion Ratio Lower Upper

96 100

61 144.6 0.0 316.4

98 64.5 0.0 128.4



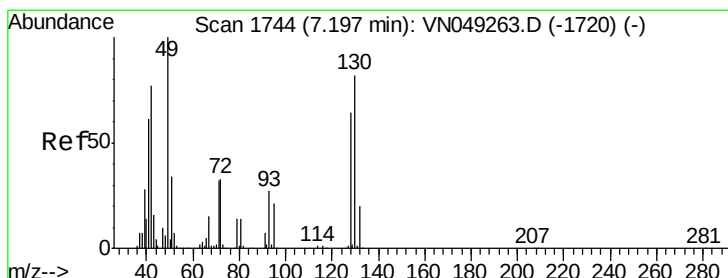
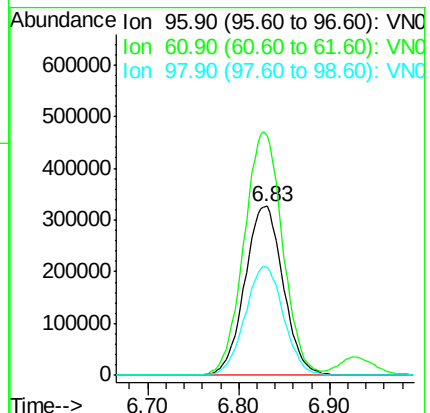
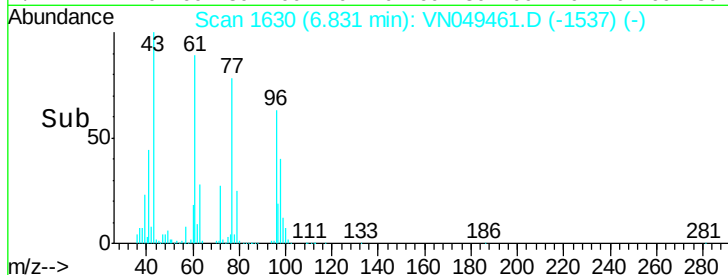
Abundance Ion 95.90 (95.60 to 96.60): VN049461.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN049461.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN049461.D (-1537) (-)

6.83

6.70 6.80 6.90



#28

Bromochloromethane

Concen: 45.075 ug/l

RT: 7.19 min Scan# 1742

Delta R.T. -0.01 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

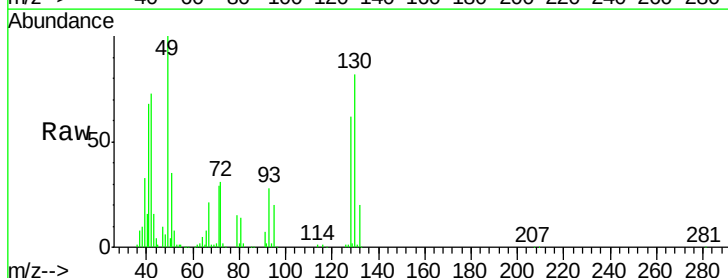
Tgt Ion: 49 Resp: 673425

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 81.9 54.9 82.3



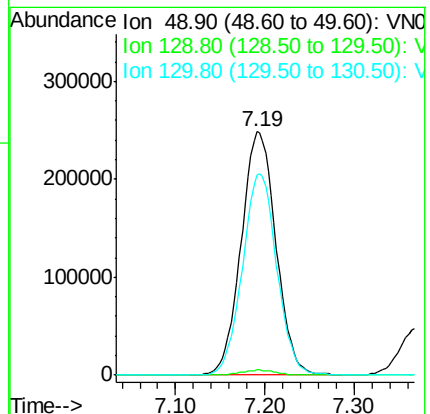
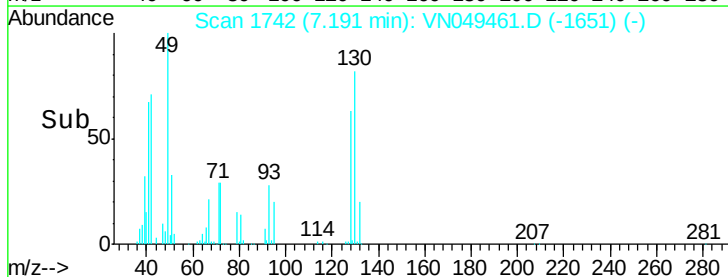
Abundance Ion 48.90 (48.60 to 49.60): VN049461.D (-1651) (-)

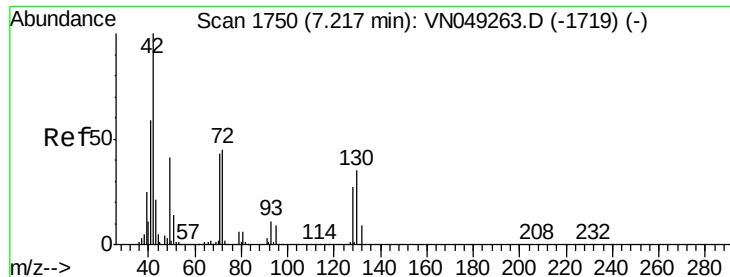
Ion 128.80 (128.50 to 129.50): VN049461.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049461.D (-1651) (-)

7.19

7.10 7.20 7.30





#29

Tetrahydrofuran

Concen: 243.138 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.01 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

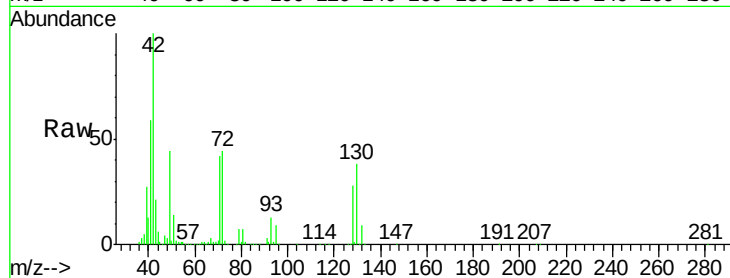
Tgt Ion: 42 Resp: 985602

Ion Ratio Lower Upper

42 100

72 44.3 32.2 48.4

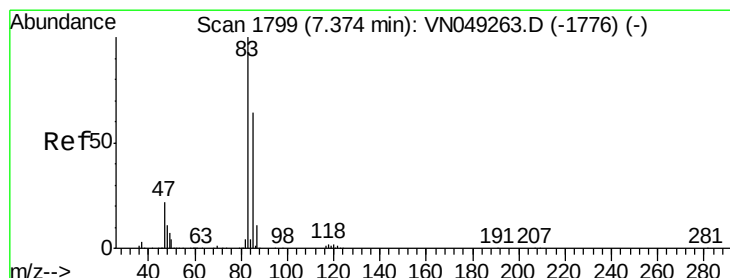
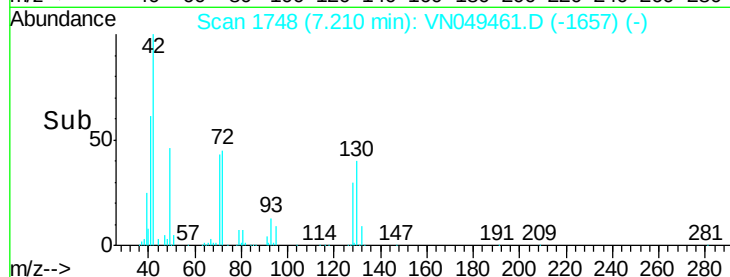
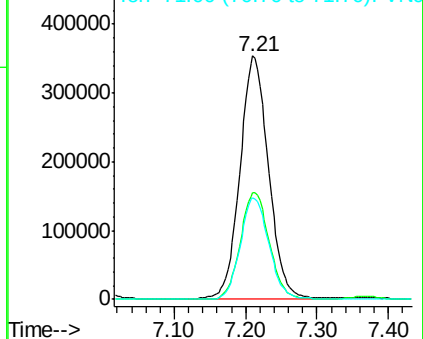
71 42.0 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.133 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049461.D

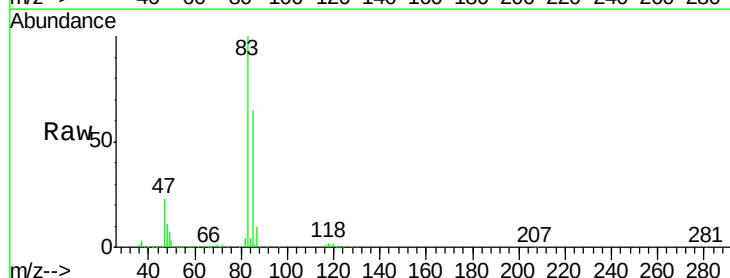
Acq: 21 Jun 2018 11:26

Tgt Ion: 83 Resp: 1647753

Ion Ratio Lower Upper

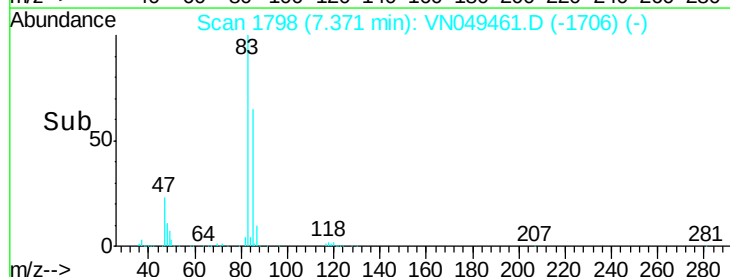
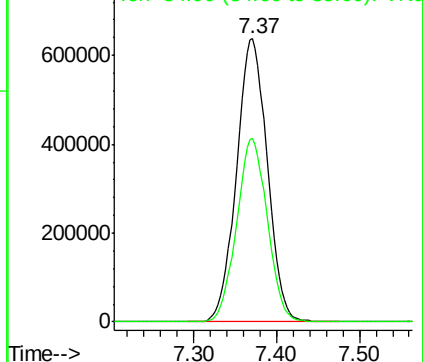
83 100

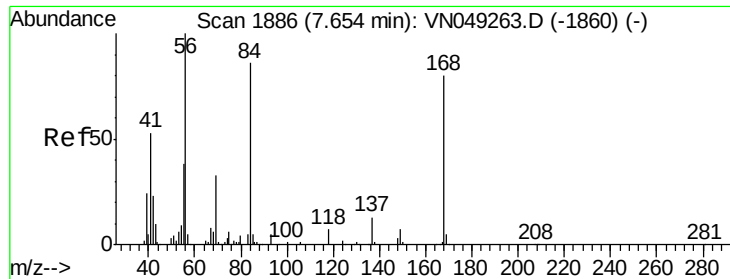
85 64.7 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

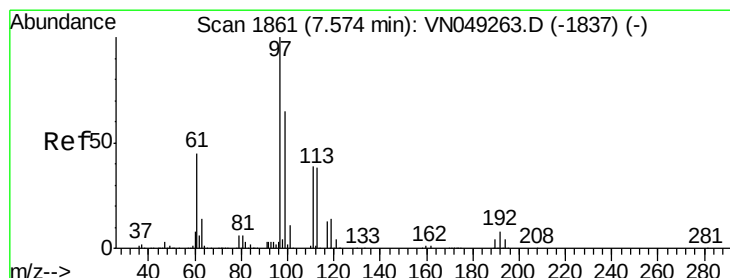
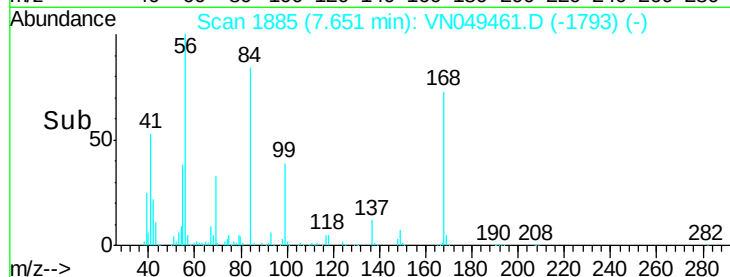
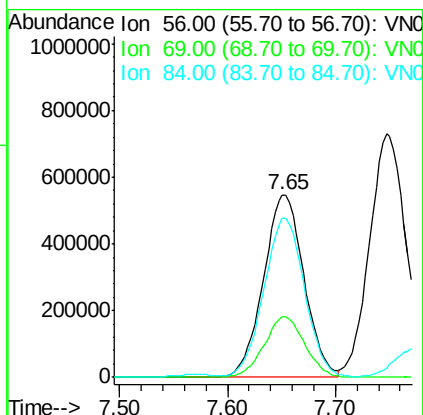
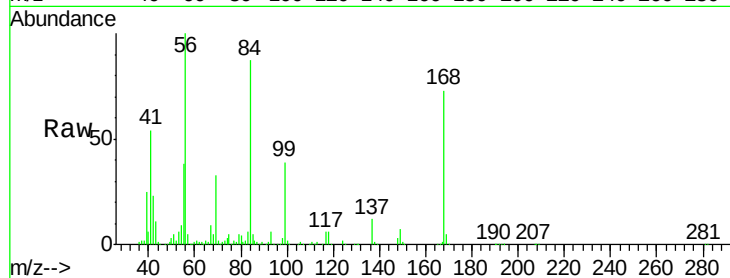




#31
Cyclohexane
Concen: 49.877 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

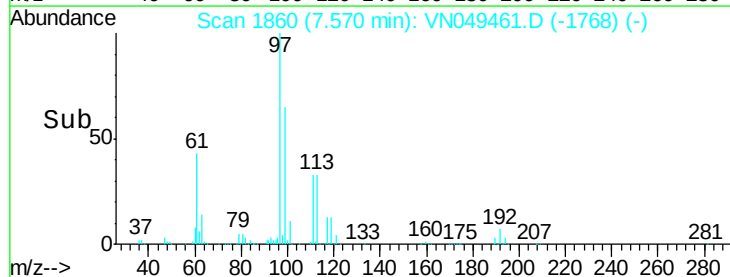
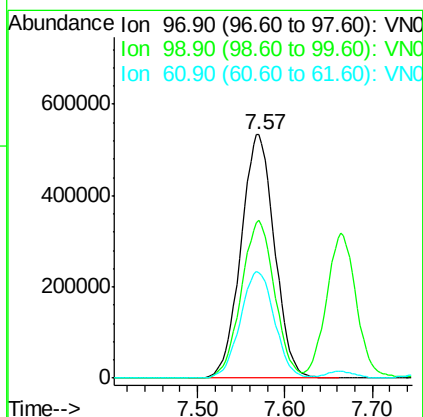
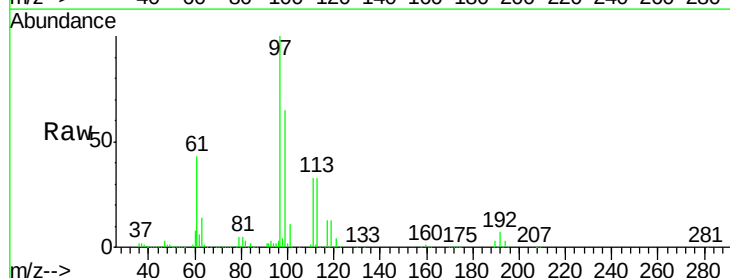
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

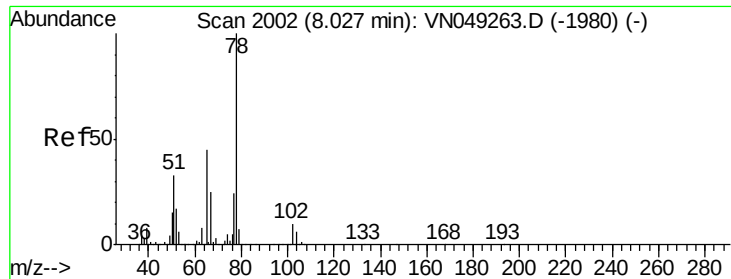
Tgt Ion: 56 Resp: 1424884
Ion Ratio Lower Upper
56 100
69 32.9 25.0 37.4
84 85.4 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 49.546 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion: 97 Resp: 1417753
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 44.5 37.9 56.9

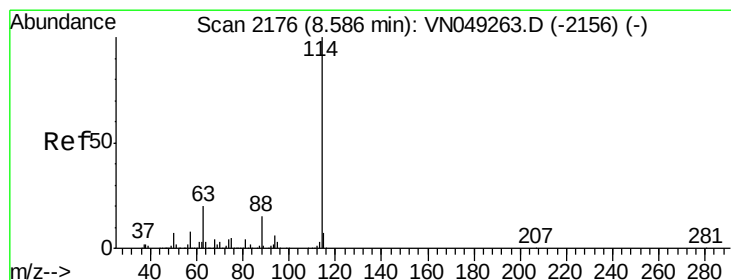
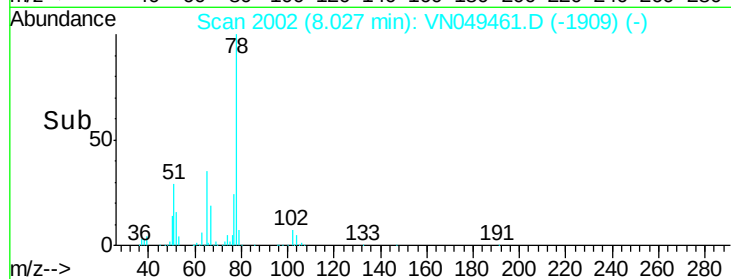
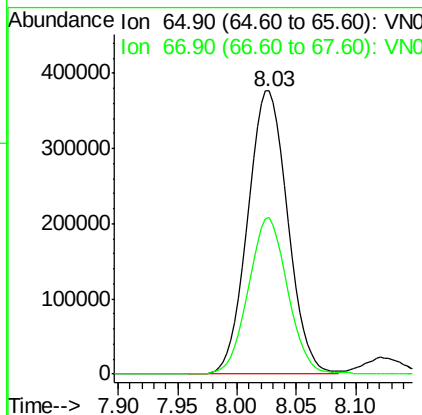
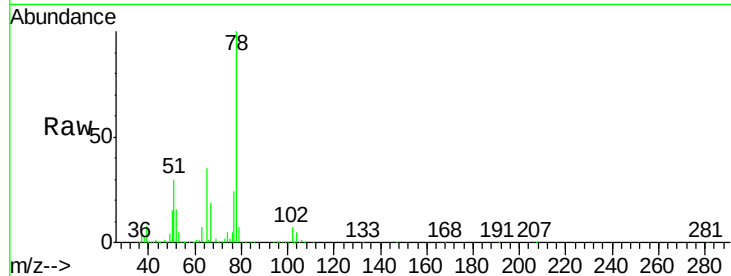




#33
 1,2-Dichloroethane-d4
 Concen: 45.533 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

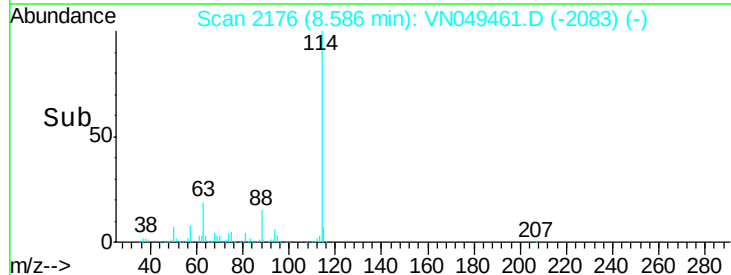
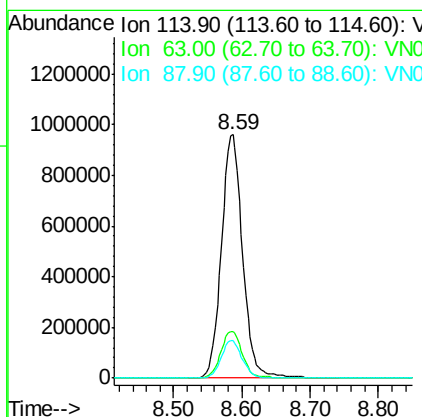
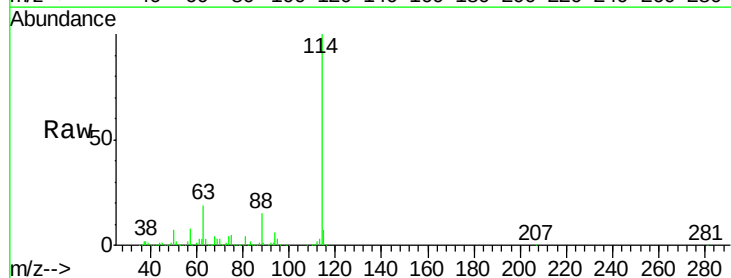
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

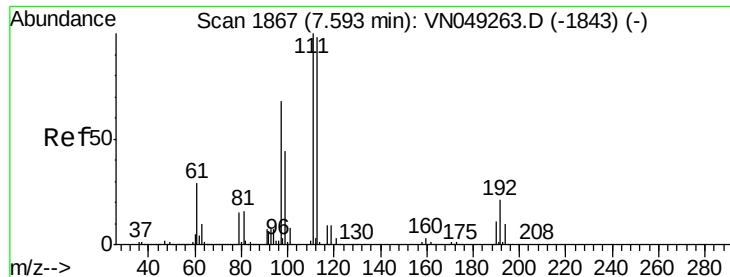
Tgt Ion: 65 Resp: 879497
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 114 Resp: 2071475
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 44.4
 88 15.2 0.0 31.4

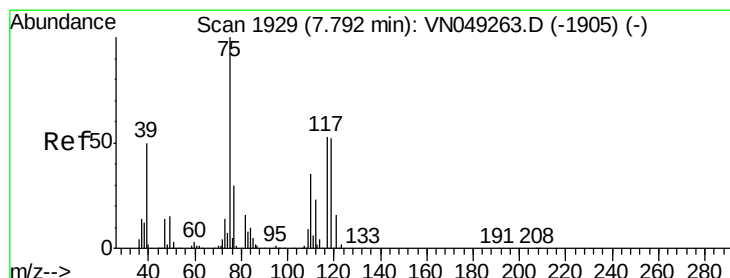
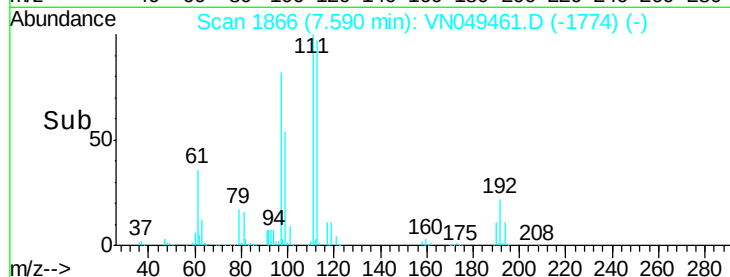
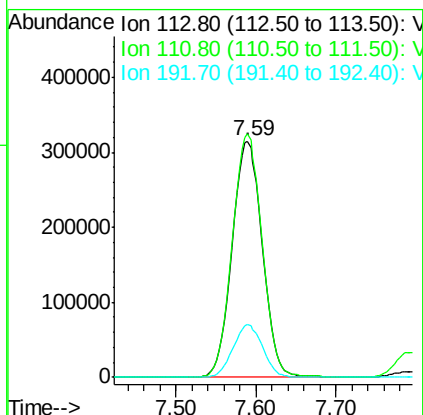
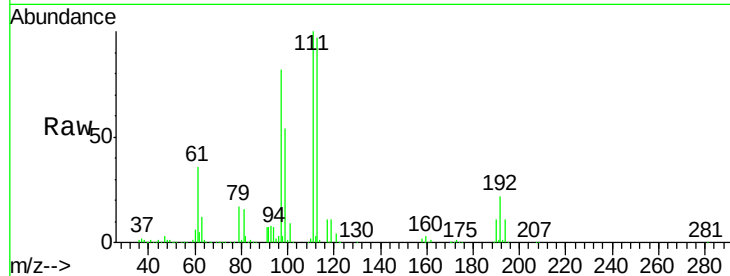




#35
 Dibromofluoromethane
 Concen: 47.861 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

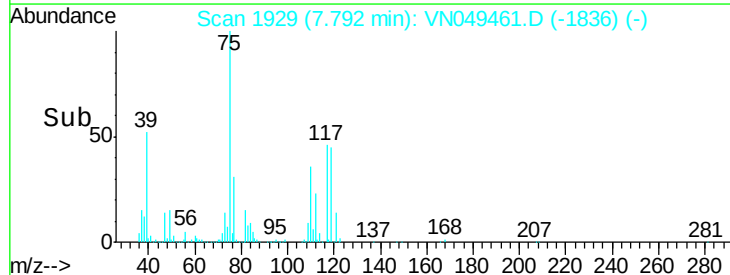
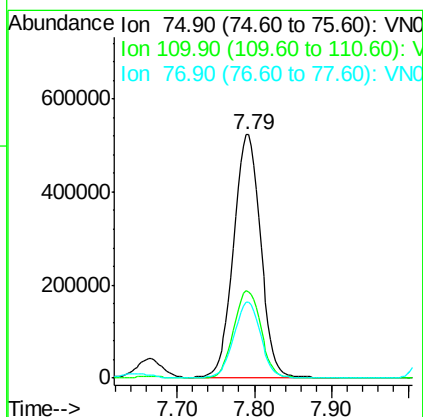
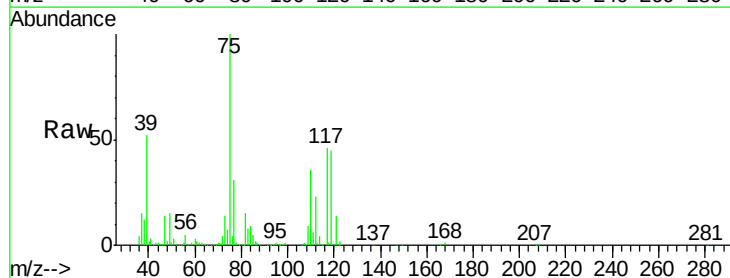
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

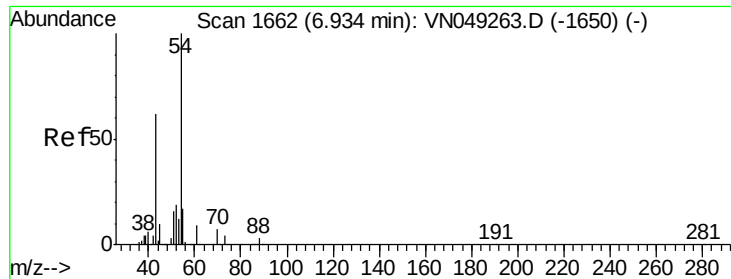
Tgt Ion: 113 Resp: 802102
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 21.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 53.373 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 75 Resp: 1267136
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.0 50.9
 77 31.0 24.4 36.6

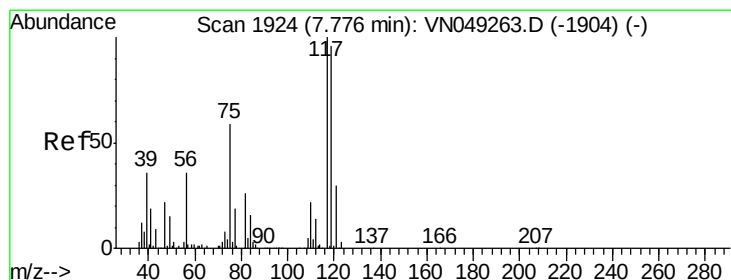
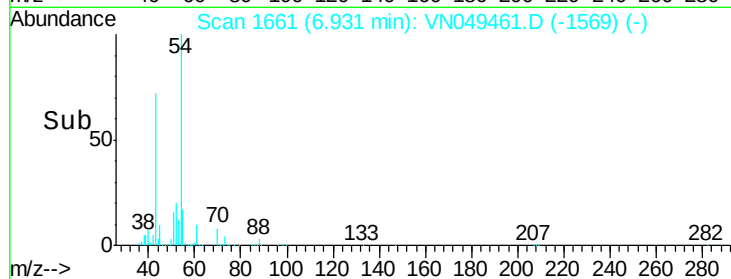
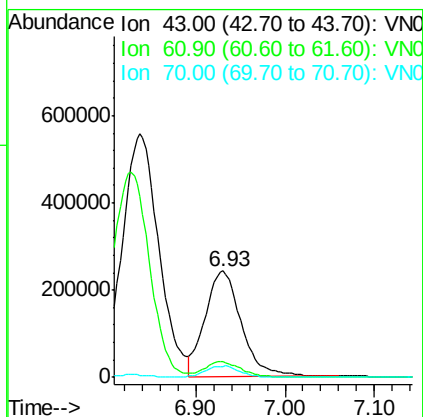
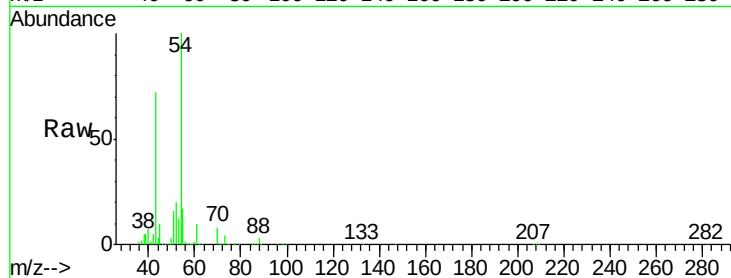




#37
Ethyl Acetate
Concen: 53.065 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

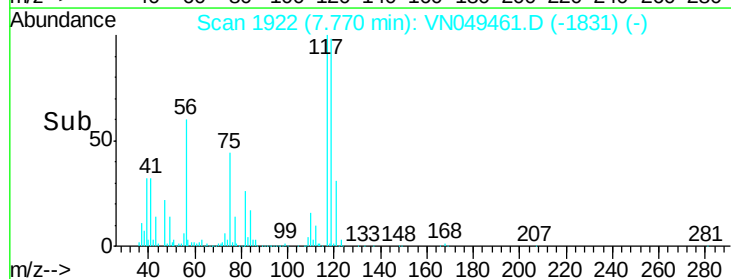
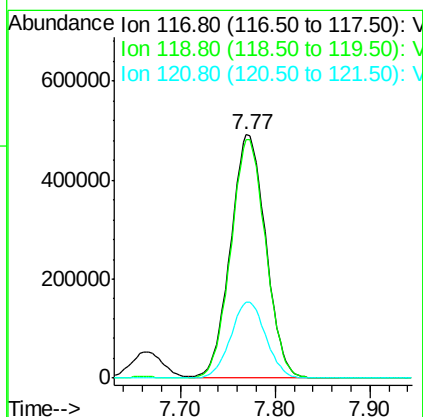
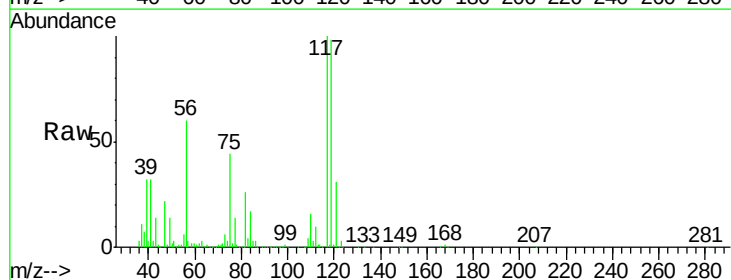
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

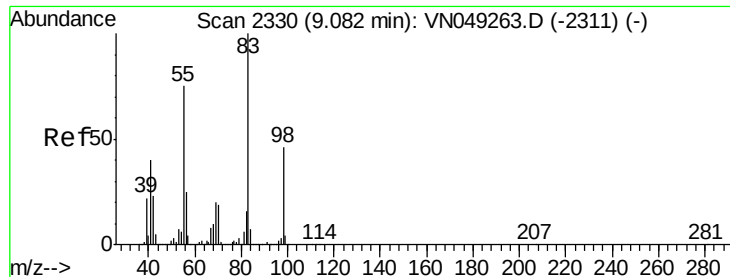
Tgt Ion: 43 Resp: 684887
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 51.544 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion: 117 Resp: 1266871
Ion Ratio Lower Upper
117 100
119 97.8 75.6 113.4
121 31.0 24.7 37.1

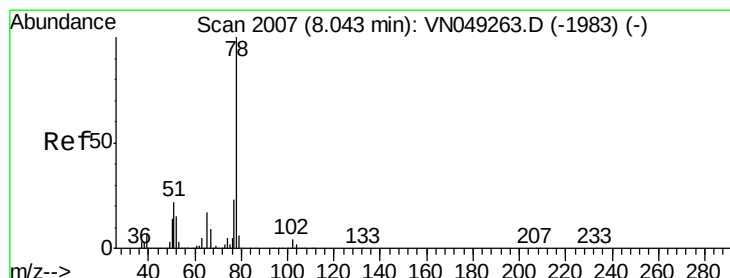
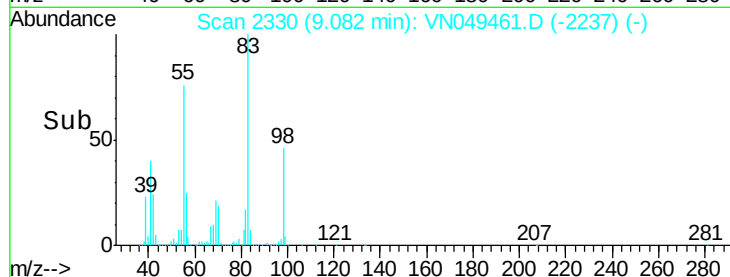
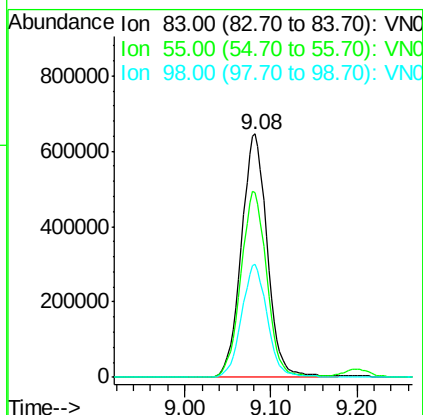
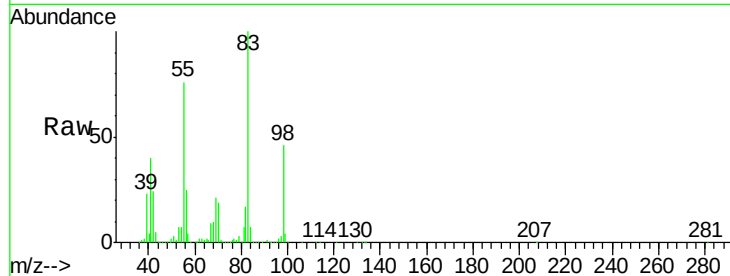




#39
Methylcyclohexane
Concen: 53.049 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

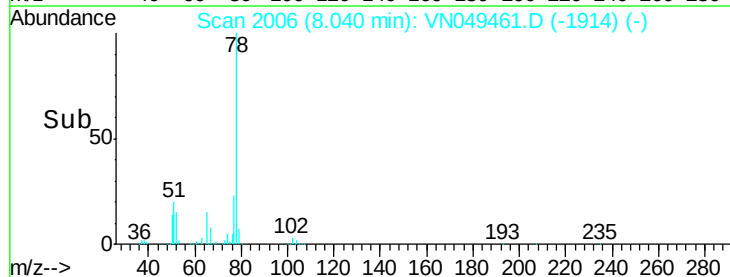
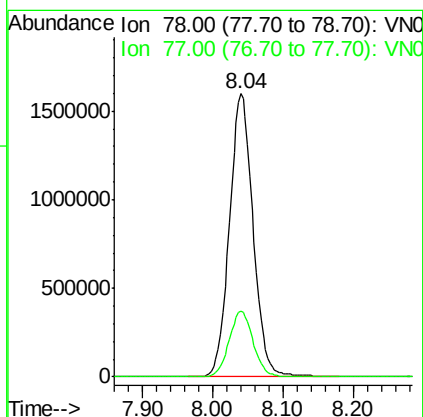
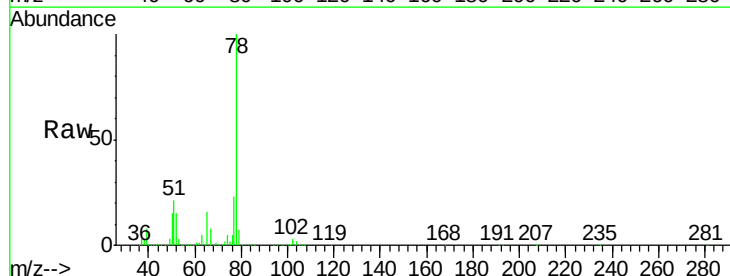
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

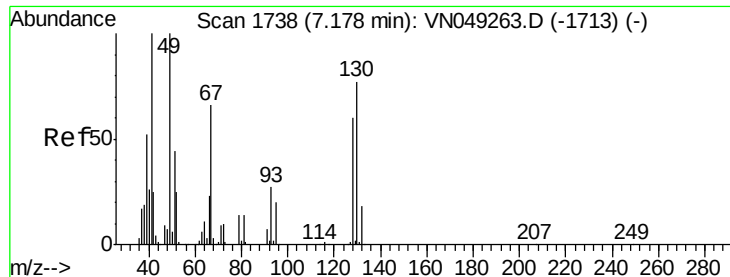
Tgt Ion: 83 Resp: 1351950
Ion Ratio Lower Upper
83 100
55 76.0 65.1 97.7
98 46.3 36.5 54.7



#40
Benzene
Concen: 51.505 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion: 78 Resp: 3748858
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0

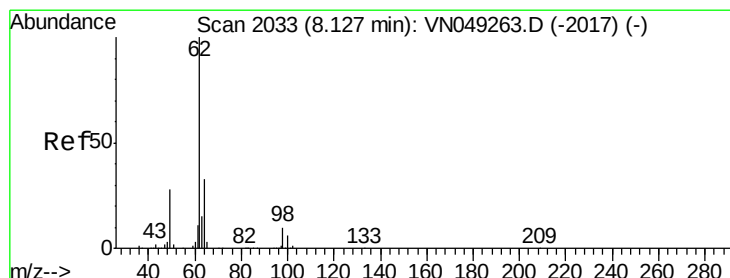
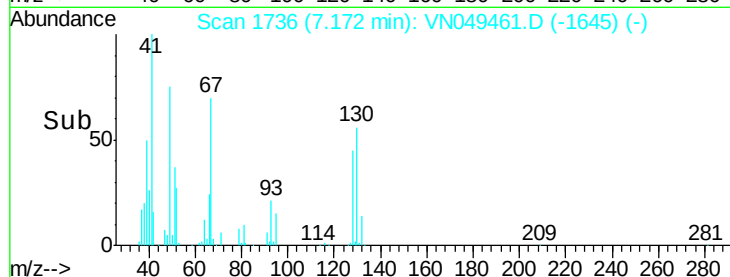
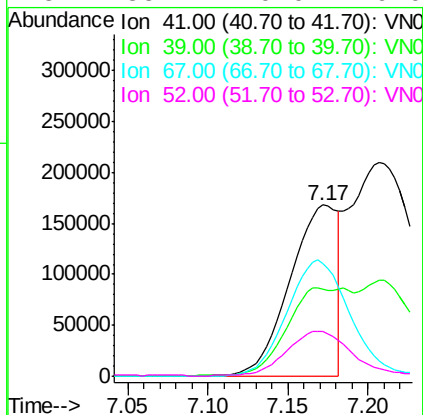
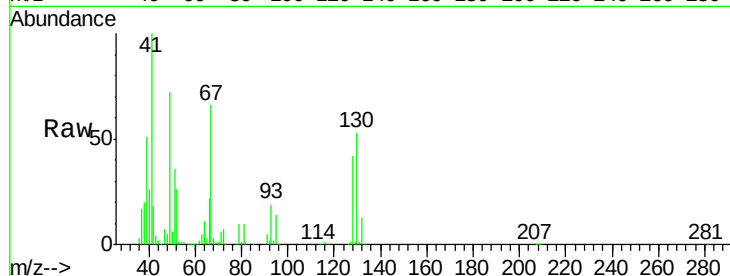




#41
Methacrylonitrile
Concen: 49.895 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

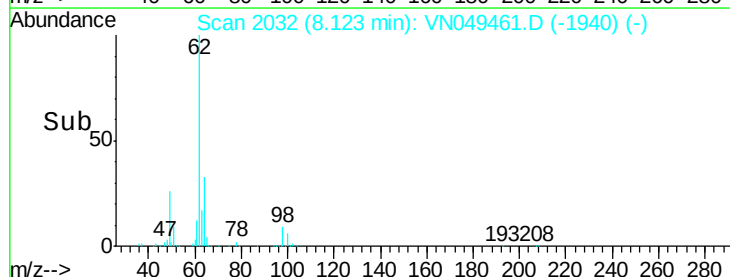
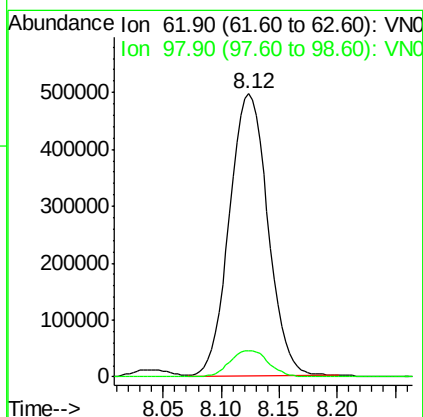
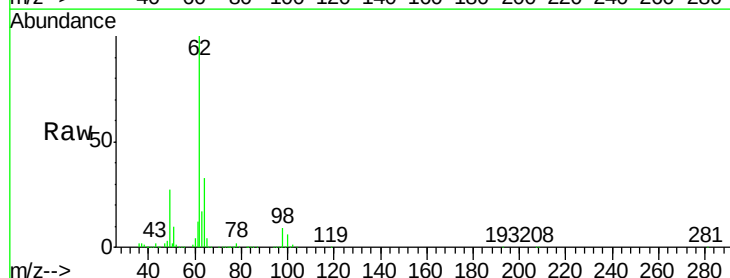
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

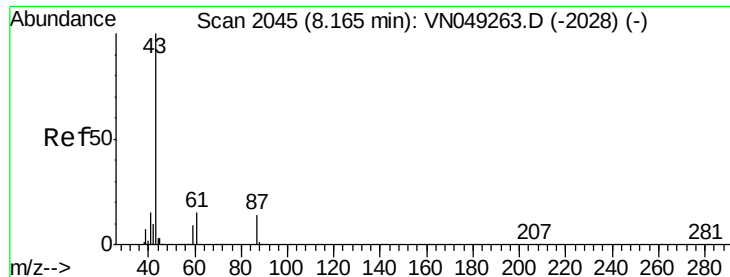
Tgt Ion:	41	Resp:	348140
Ion	Ratio	Lower	Upper
41	100		
39	44.5	0.0	0.0#
67	90.1	0.0	0.0#
52	35.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.049 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion:	62	Resp:	1147952
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 52.203 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

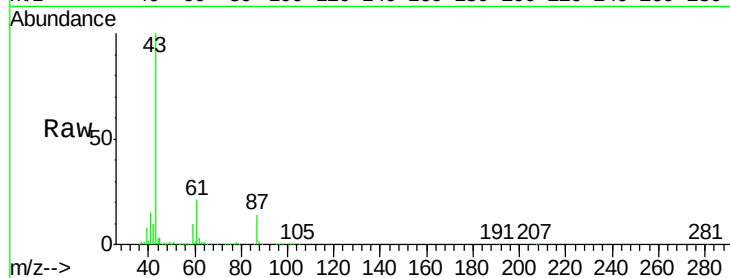
Tgt Ion: 43 Resp: 1287328

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.4

87 13.1 9.4 14.0

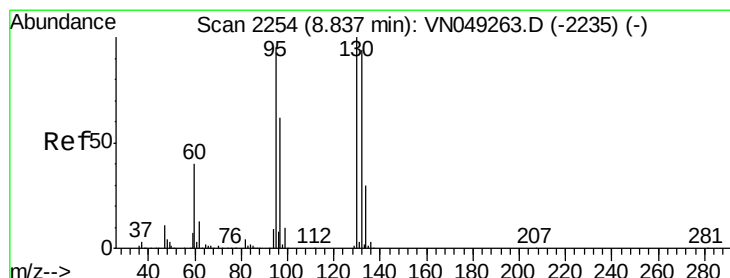
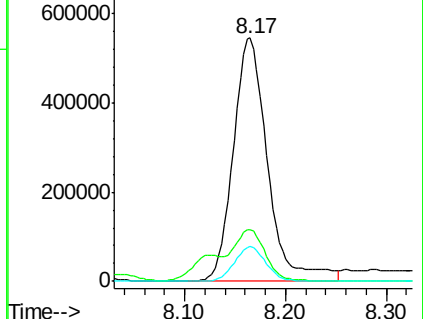
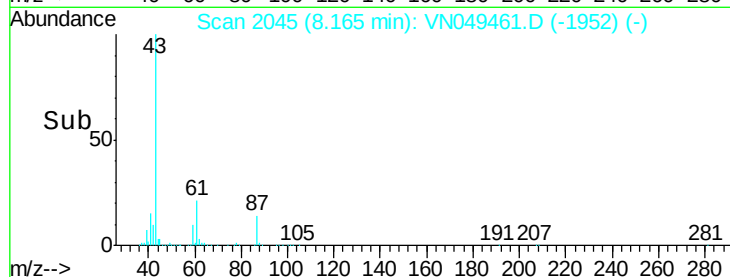


Abundance Ion 43.00 (42.70 to 43.70): VN049461.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049461.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049461.D (-1952) (-)

Time-->



#44

Trichloroethene

Concen: 52.717 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049461.D

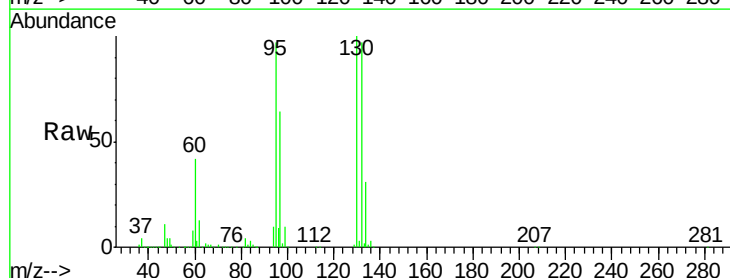
Acq: 21 Jun 2018 11:26

Tgt Ion: 130 Resp: 1013257

Ion Ratio Lower Upper

130 100

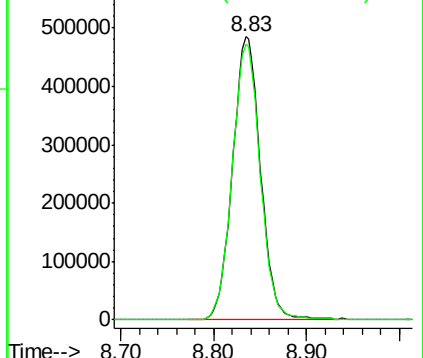
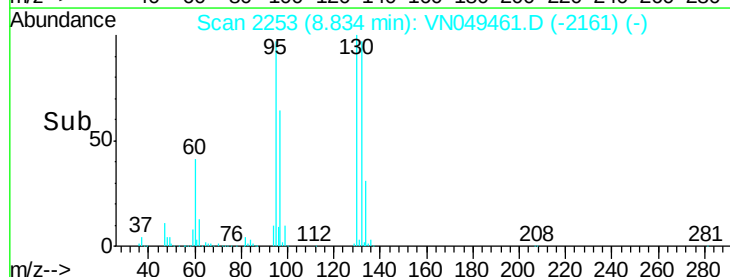
95 97.3 0.0 208.6

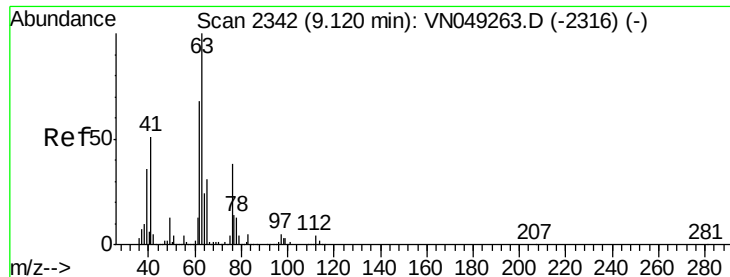


Abundance Ion 129.80 (129.50 to 130.50): VN049461.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049461.D (-2161) (-)

Time-->

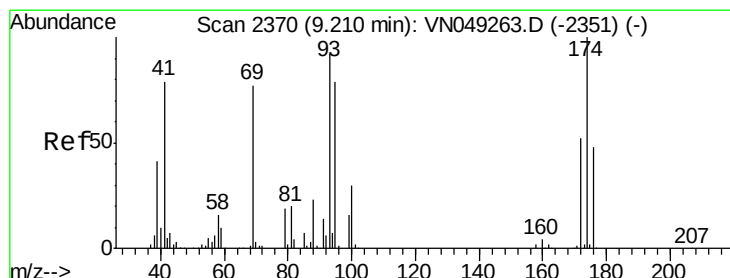
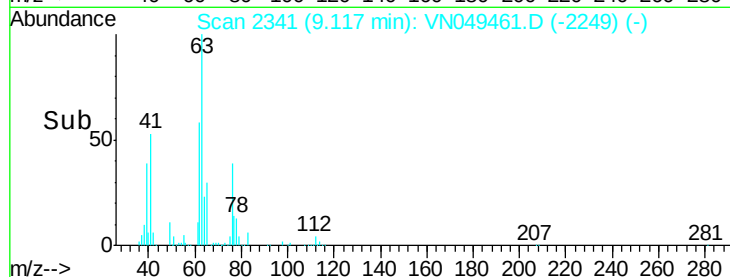
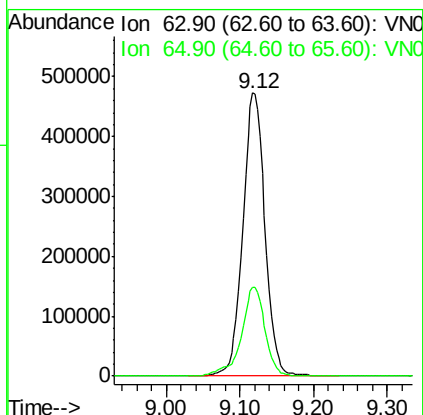
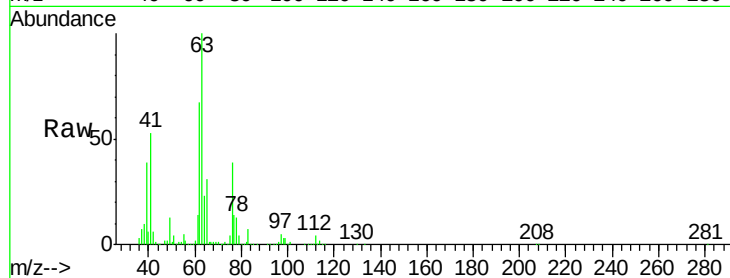




#45
 1,2-Dichloropropane
 Concen: 52.030 ug/l
 RT: 9.12 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

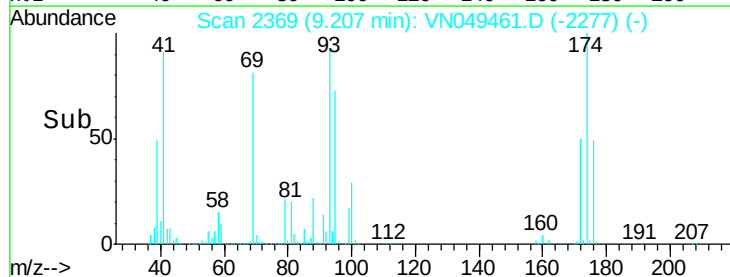
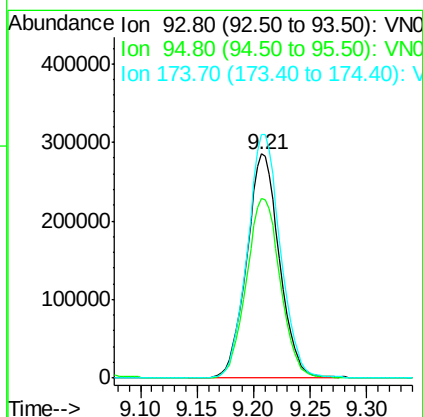
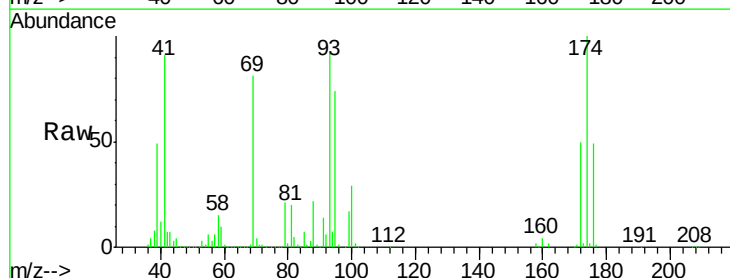
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

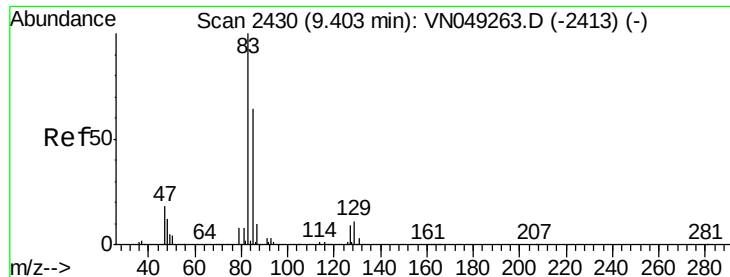
Tgt Ion: 63 Resp: 991574
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2



#46
 Dibromomethane
 Concen: 51.927 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 93 Resp: 573814
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.2 100.8
 174 110.1 75.6 113.4





#47

Bromodichloromethane

Concen: 52.634 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

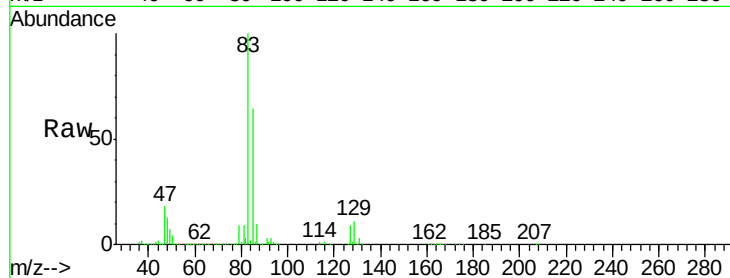
Tgt Ion: 83 Resp: 1278159

Ion Ratio Lower Upper

83 100

85 63.6 49.4 74.0

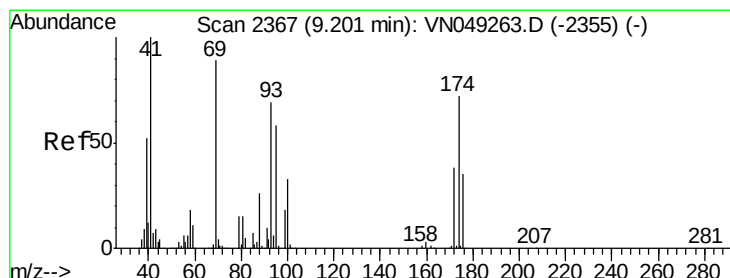
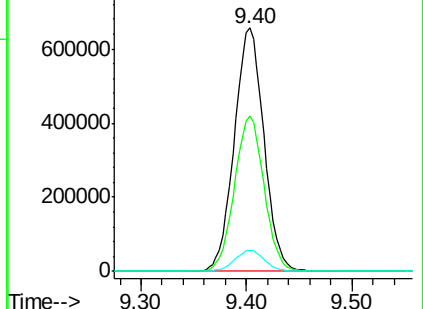
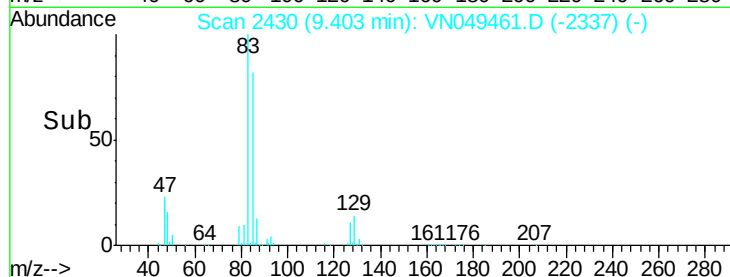
127 8.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049461.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049461.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049461.D (-2337) (-)



#48

Methyl methacrylate

Concen: 54.223 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

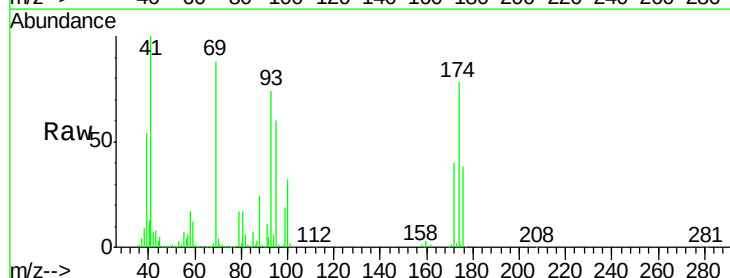
Tgt Ion: 41 Resp: 629677

Ion Ratio Lower Upper

41 100

69 88.3 62.0 93.0

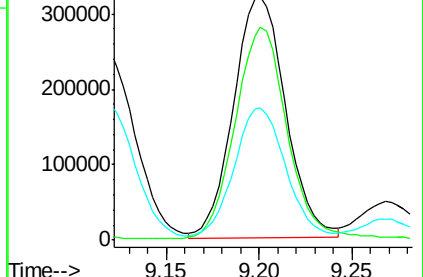
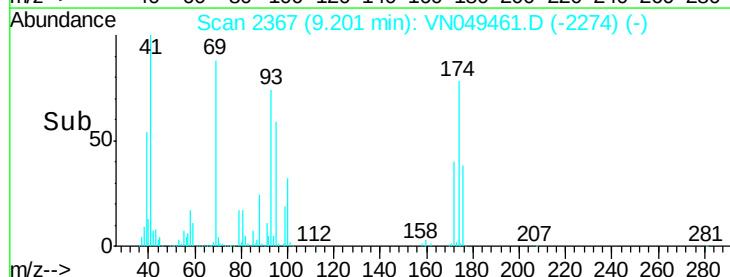
39 54.9 50.6 75.8

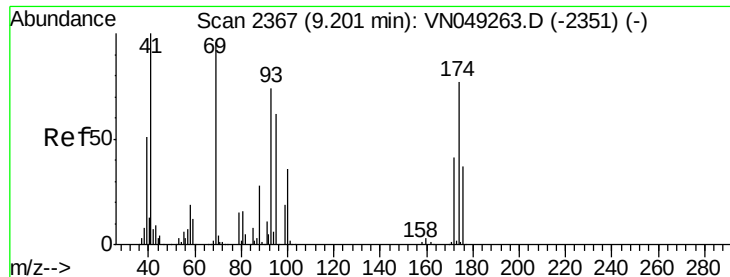


Abundance Ion 41.00 (40.70 to 41.70): VN049461.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049461.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049461.D (-2274) (-)

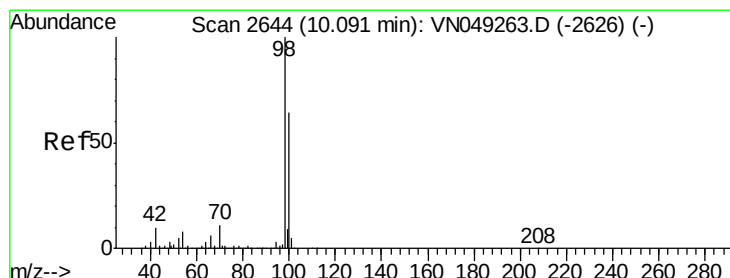
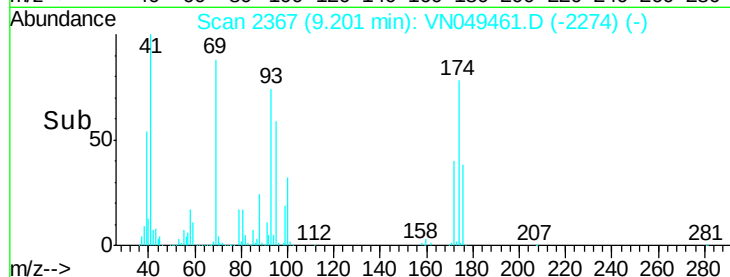
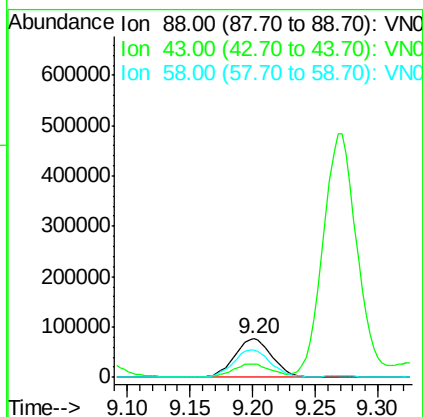
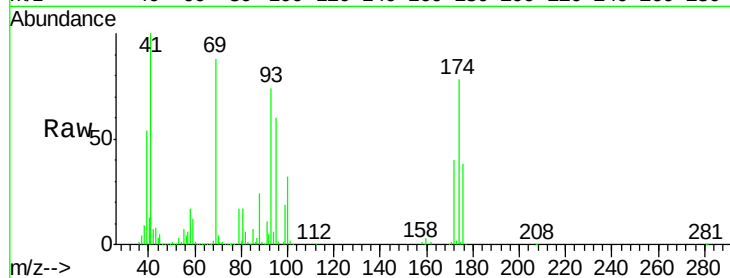




#49
1,4-Dioxane
Concen: 1000.150 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

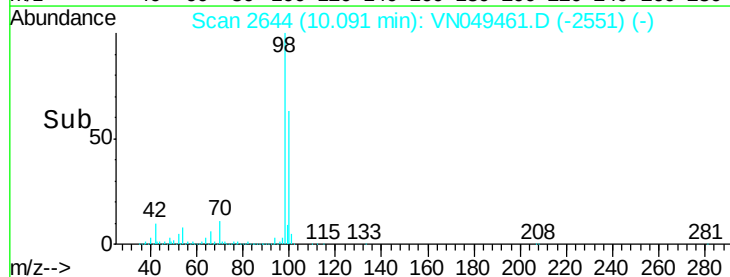
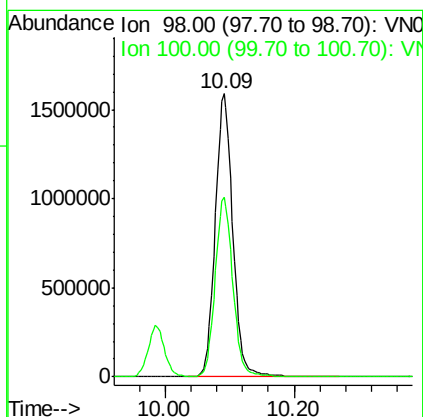
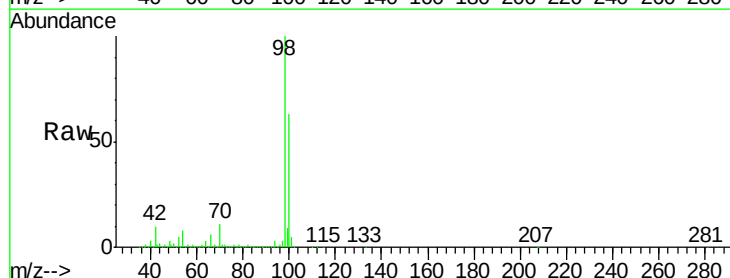
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

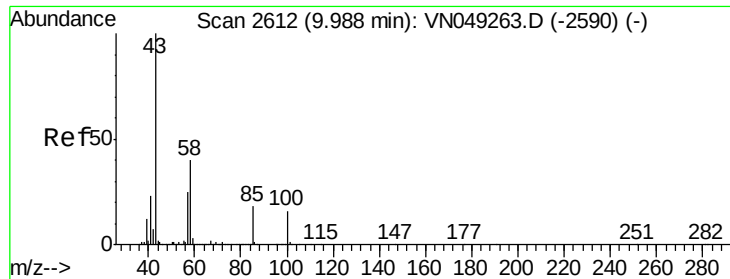
Tgt Ion: 88 Resp: 160300
Ion Ratio Lower Upper
88 100
43 32.0 30.9 46.3
58 70.9 58.9 88.3



#50
Toluene-d8
Concen: 46.876 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion: 98 Resp: 2991294
Ion Ratio Lower Upper
98 100
100 63.8 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 265.761 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

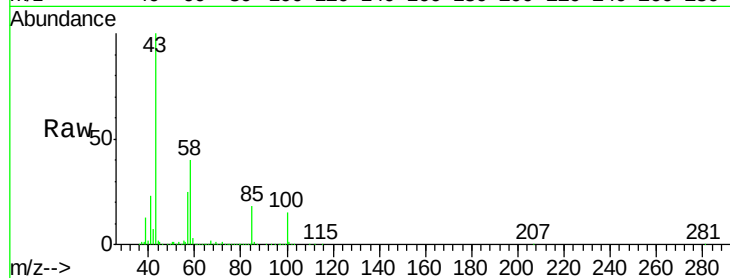
VSTDCCC050

Tgt Ion: 43 Resp: 3434831

Ion Ratio Lower Upper

43 100

58 39.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

2000000

1500000

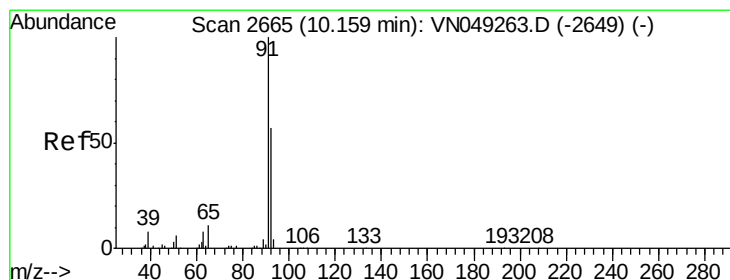
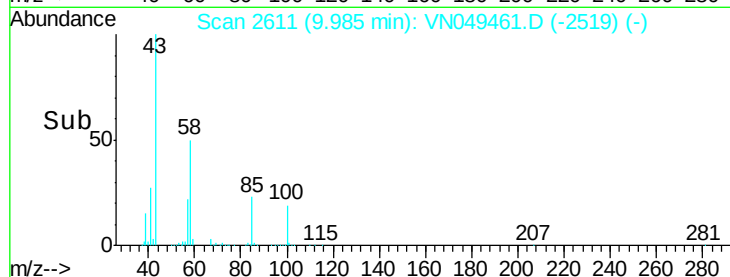
1000000

500000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 53.971 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049461.D

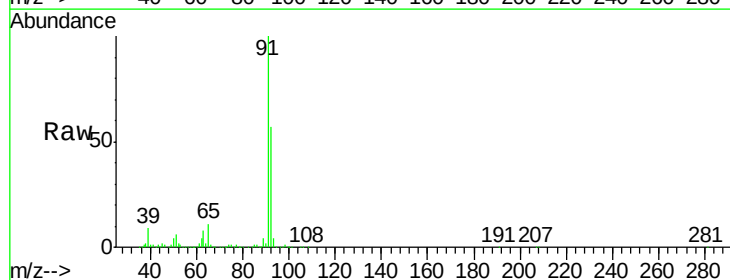
Acq: 21 Jun 2018 11:26

Tgt Ion: 92 Resp: 2305602

Ion Ratio Lower Upper

92 100

91 176.7 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049263.D (-2649) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-2649) (-)

2500000

2000000

1500000

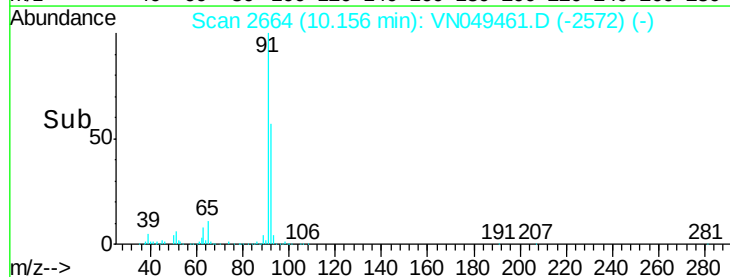
1000000

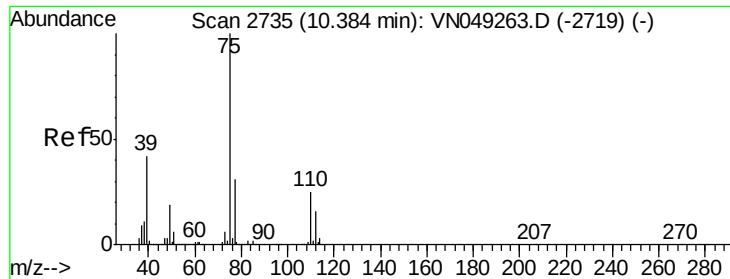
500000

0

10.10 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.489 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

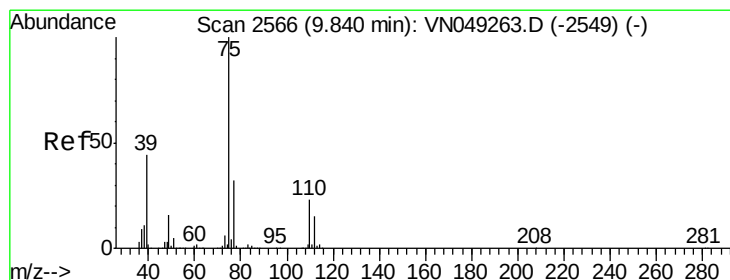
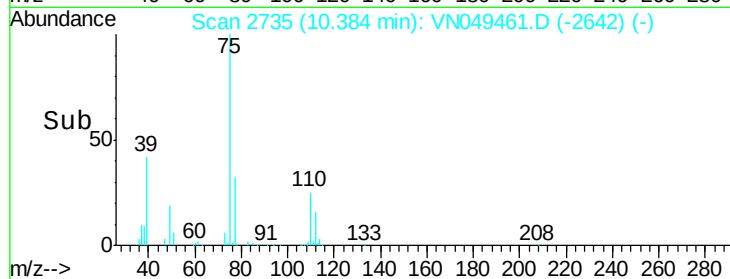
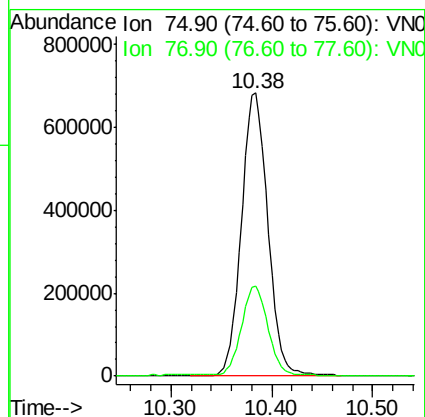
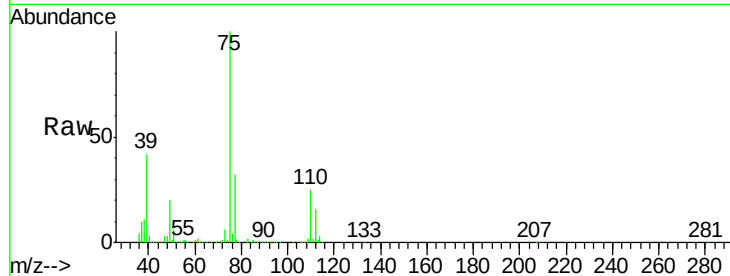
VSTDCCC050

Tgt Ion: 75 Resp: 1242592

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.612 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

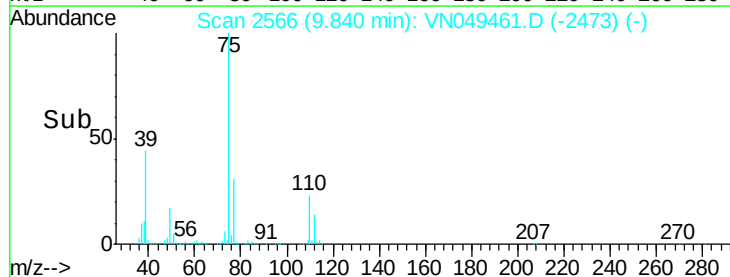
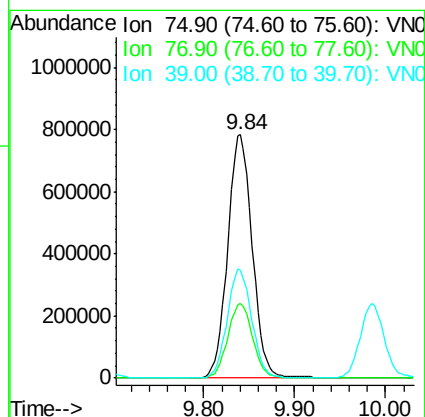
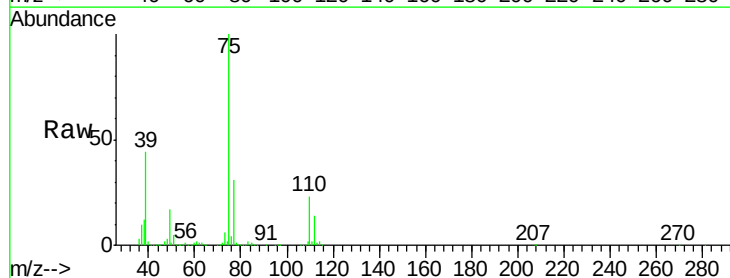
Tgt Ion: 75 Resp: 1470542

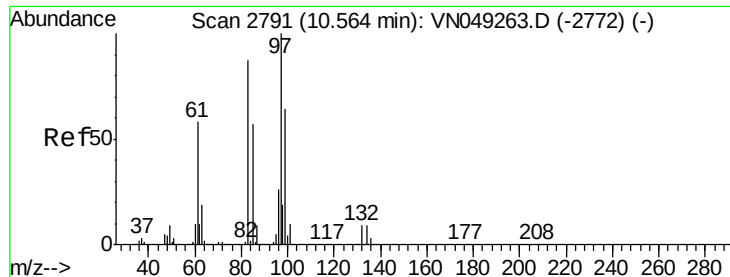
Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 44.3 45.1 67.7#

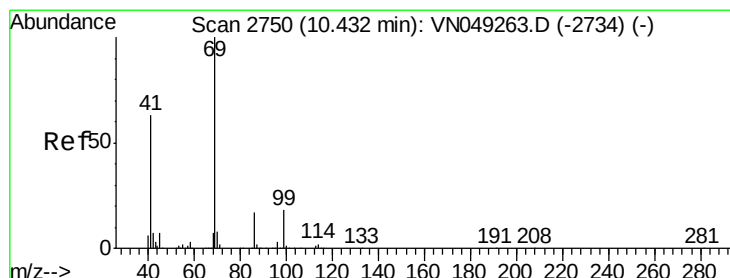
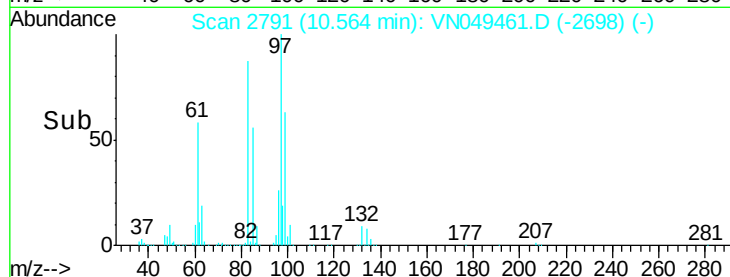
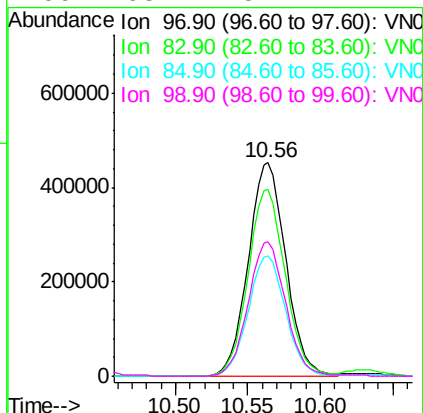
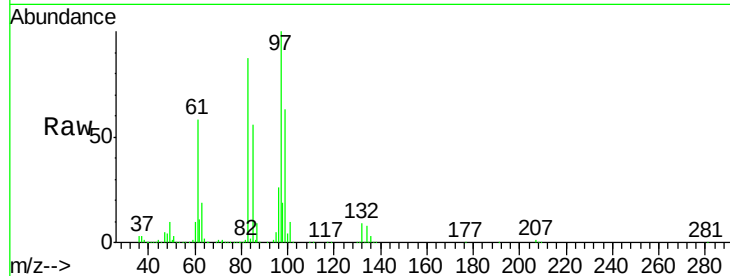




#55
 1,1,2-Trichloroethane
 Concen: 51.259 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

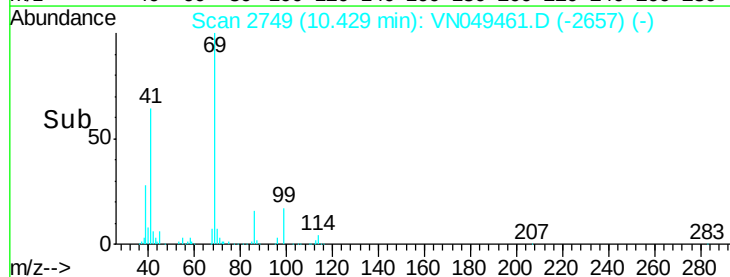
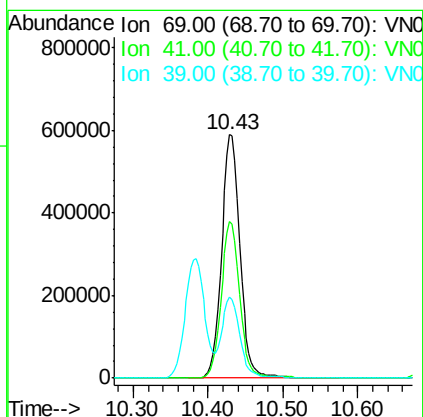
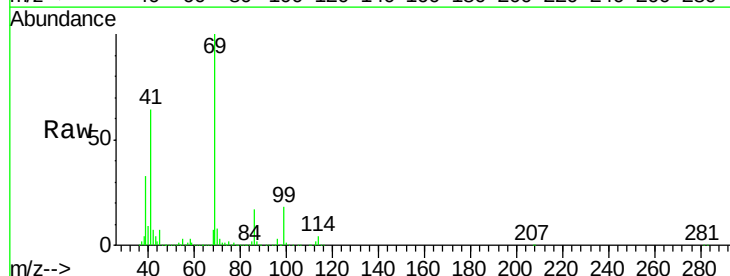
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

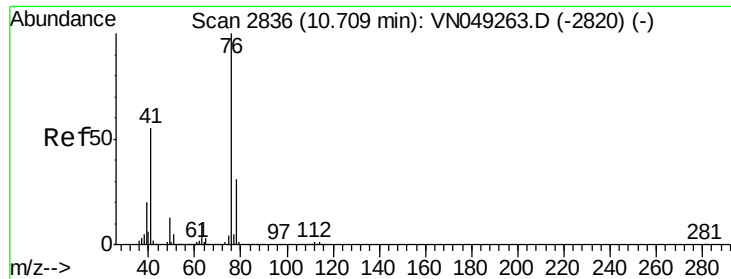
Tgt Ion: 97 Resp: 816323
 Ion Ratio Lower Upper
 97 100
 83 87.3 71.5 107.3
 85 56.4 47.0 70.4
 99 63.1 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 54.358 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 69 Resp: 998703
 Ion Ratio Lower Upper
 69 100
 41 63.9 58.4 87.6
 39 31.4 35.5 53.3#





#57

1,3-Dichloropropane

Concen: 52.291 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

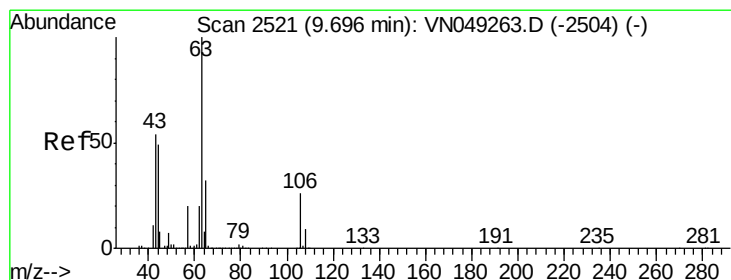
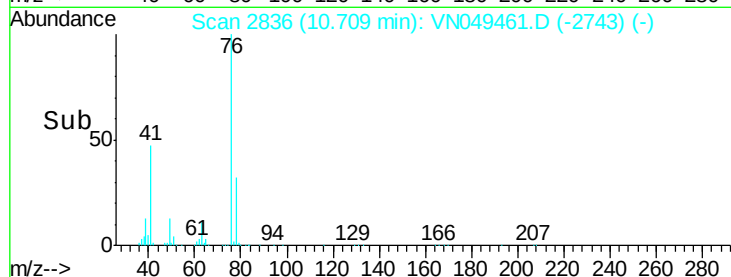
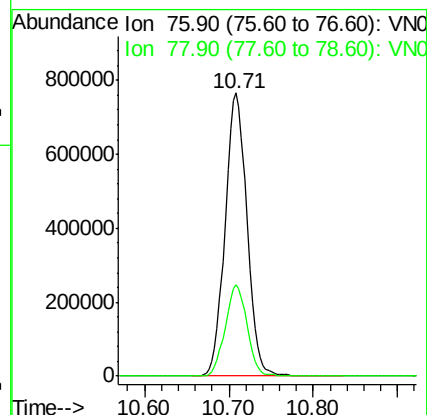
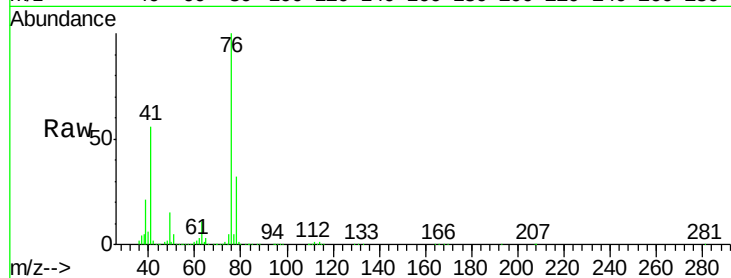
VSTDCCC050

Tgt Ion: 76 Resp: 1379541

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 204.306 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049461.D

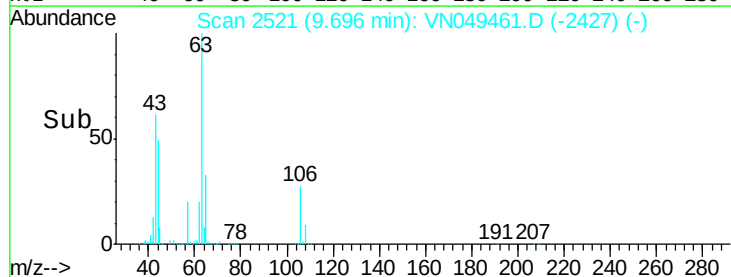
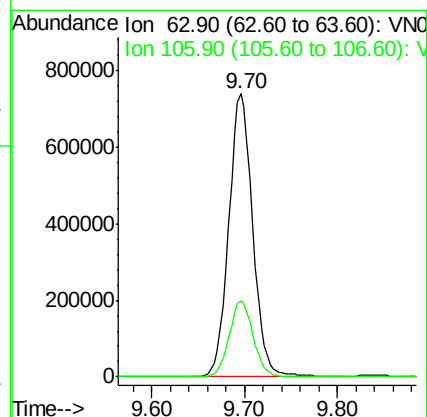
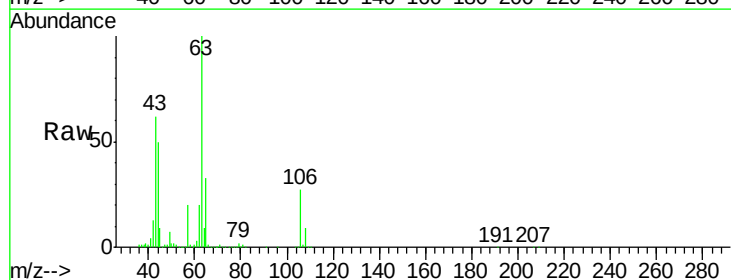
Acq: 21 Jun 2018 11:26

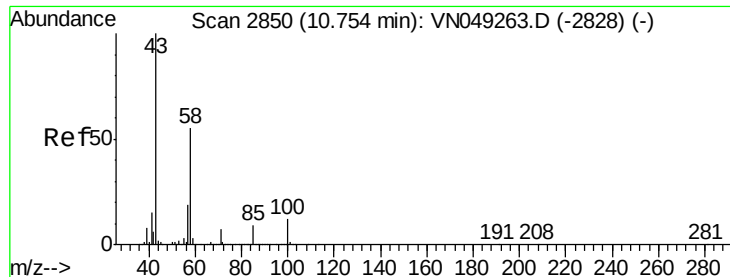
Tgt Ion: 63 Resp: 1323696

Ion Ratio Lower Upper

63 100

106 26.9 19.4 29.2

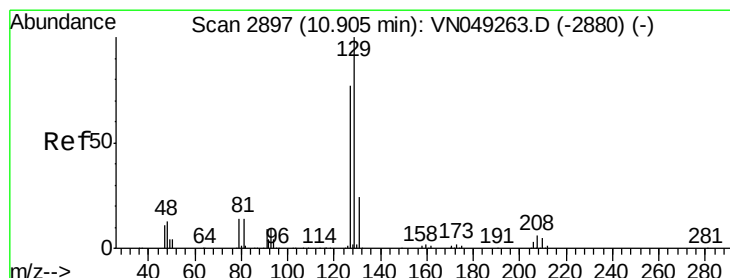
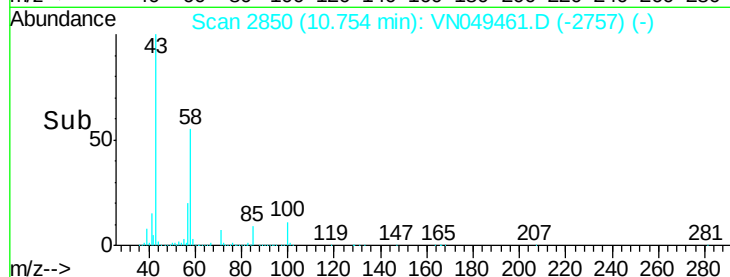
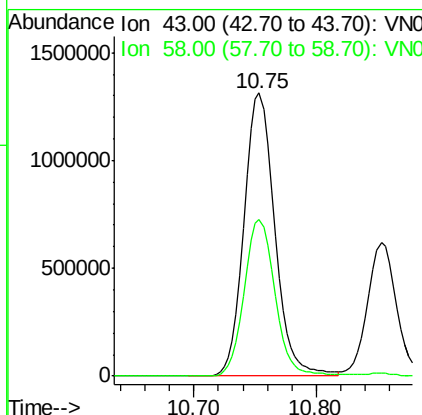
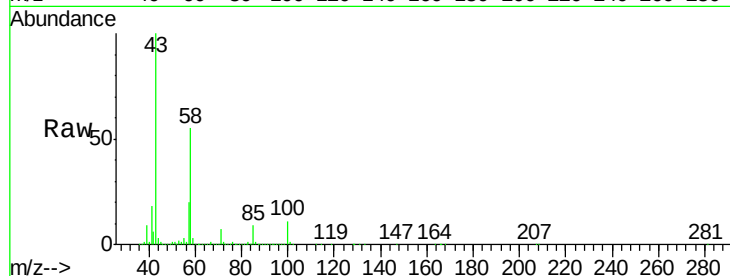




#59
2-Hexanone
Concen: 272.797 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

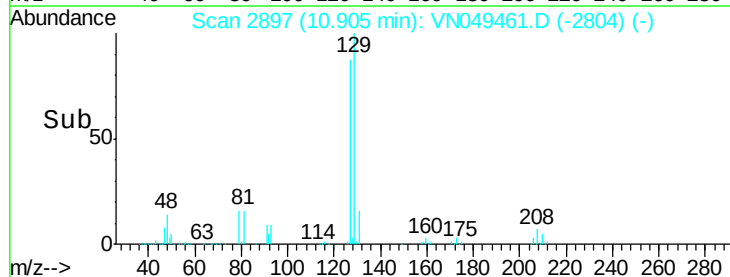
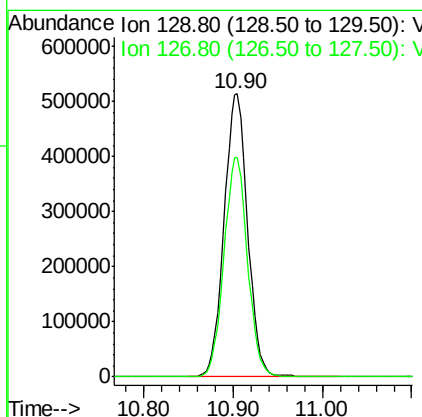
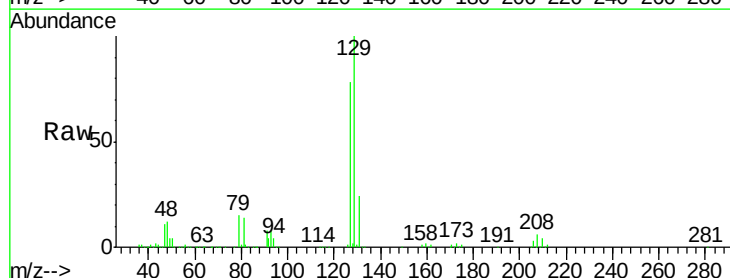
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

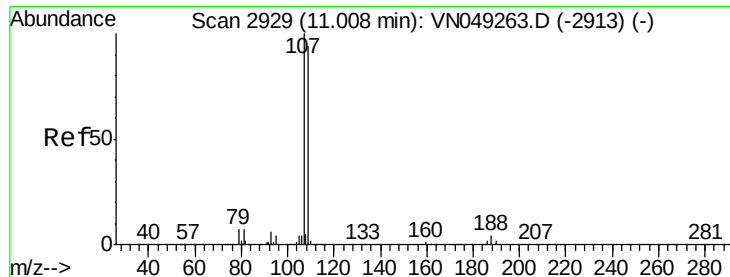
Tgt Ion: 43 Resp: 2273073
Ion Ratio Lower Upper
43 100
58 55.6 25.2 75.6



#60
Dibromochloromethane
Concen: 52.709 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion: 129 Resp: 936884
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 53.124 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

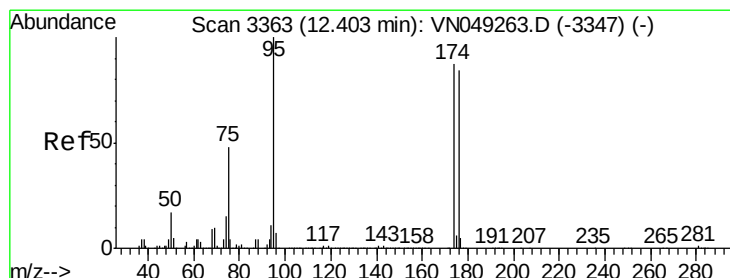
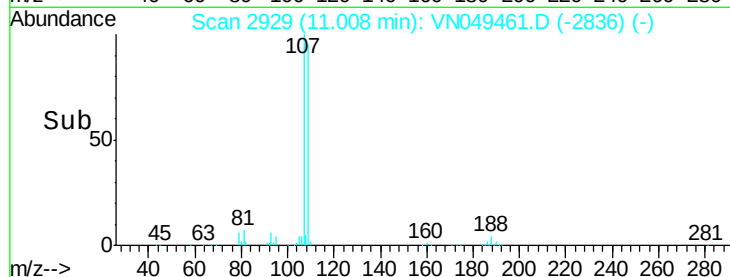
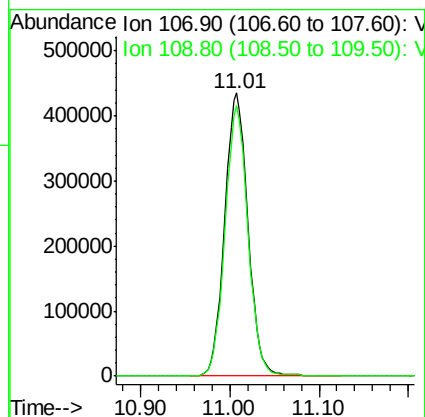
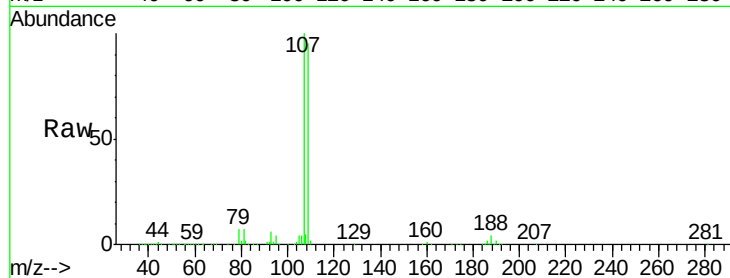
VSTDCCC050

Tgt Ion: 107 Resp: 786399

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 48.914 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

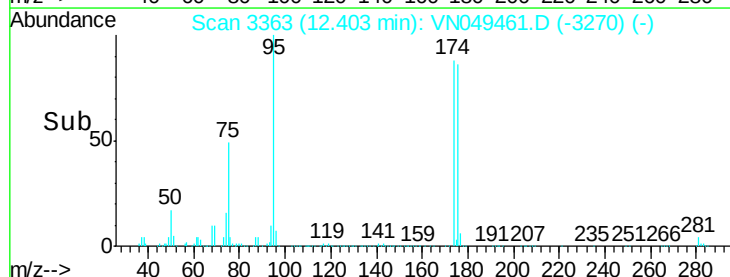
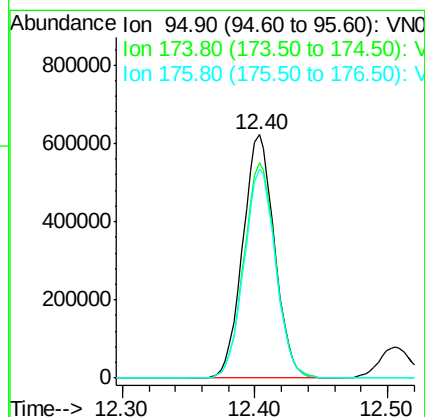
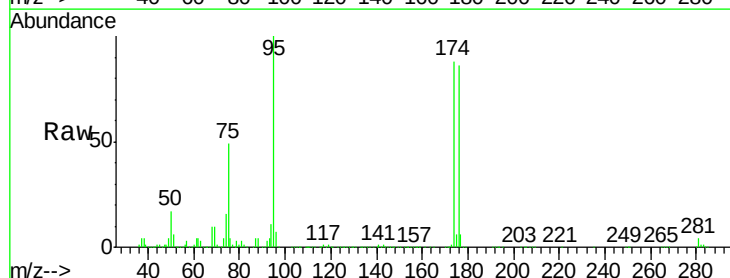
Tgt Ion: 95 Resp: 1032089

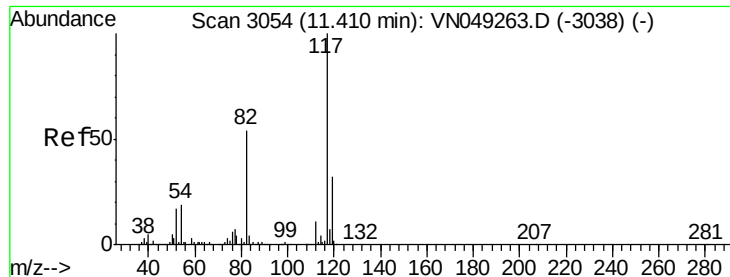
Ion Ratio Lower Upper

95 100

174 88.8 0.0 165.6

176 85.9 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

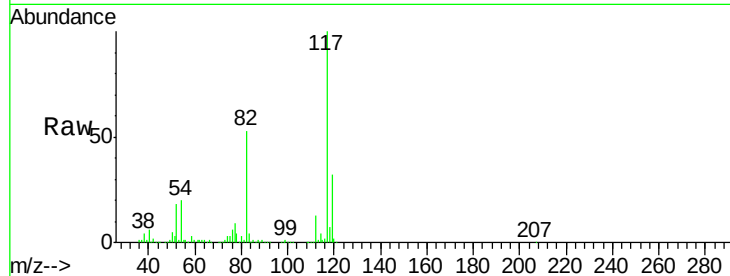
Tgt Ion:117 Resp: 1918583

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

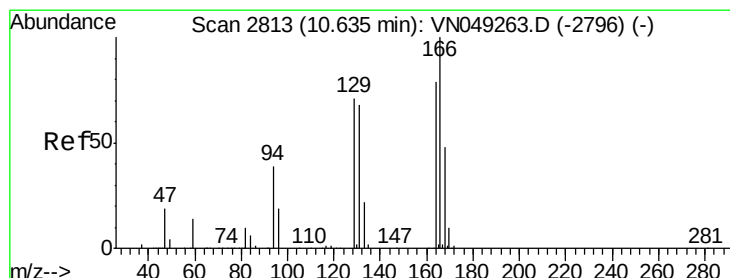
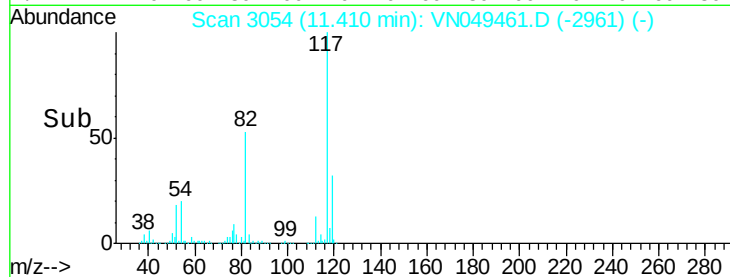
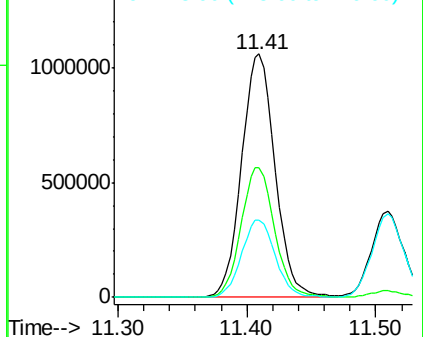
119 31.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 59.075 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Tgt Ion:164 Resp: 1161402

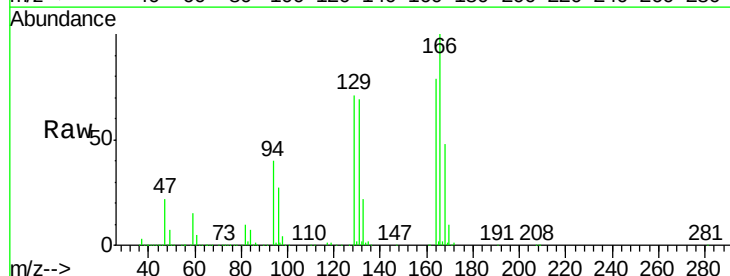
Ion Ratio Lower Upper

164 100

166 126.7 101.4 152.2

129 90.2 74.1 111.1

131 87.8 73.7 110.5

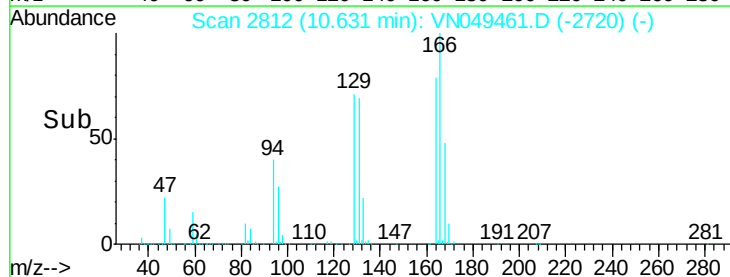
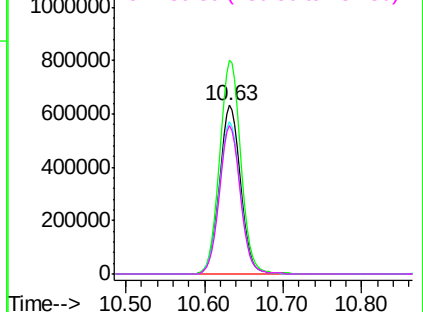


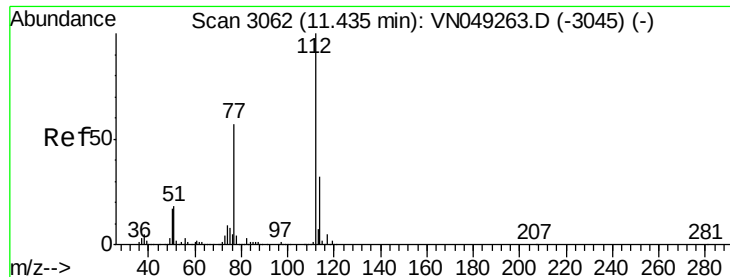
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

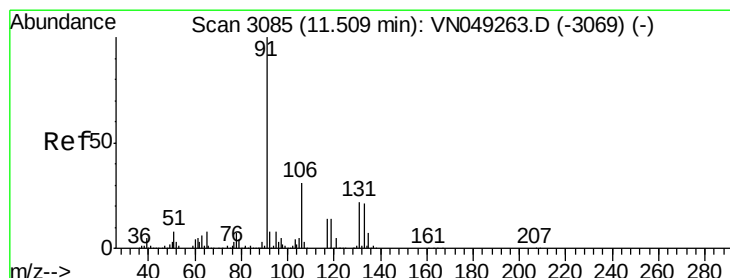
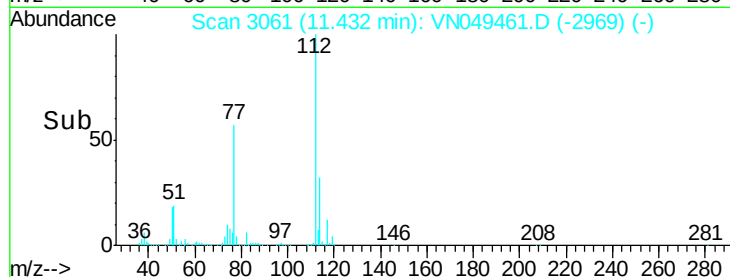
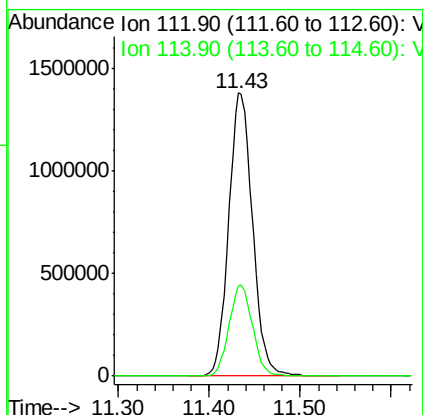
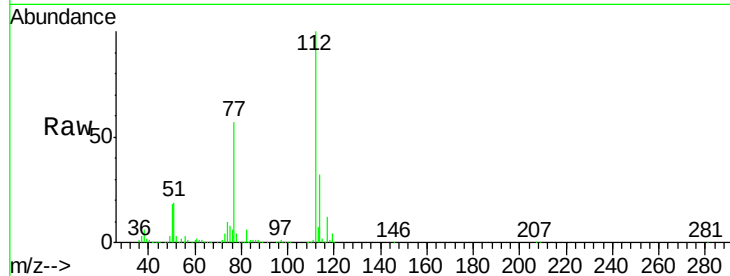




#65
Chlorobenzene
Concen: 50.714 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

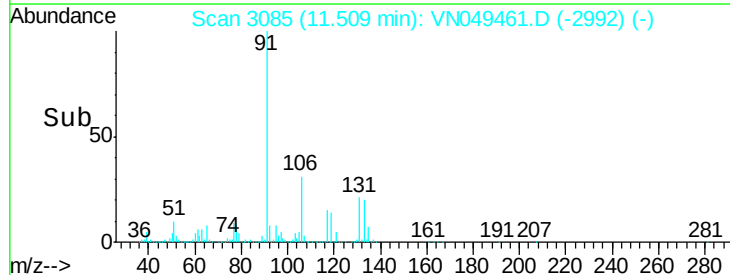
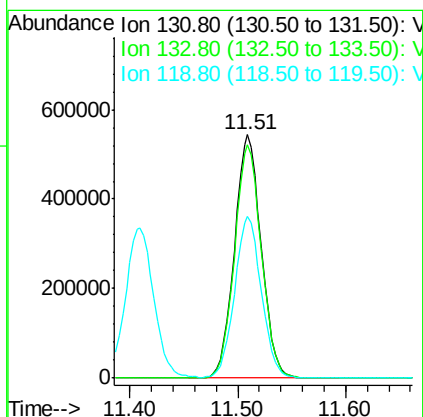
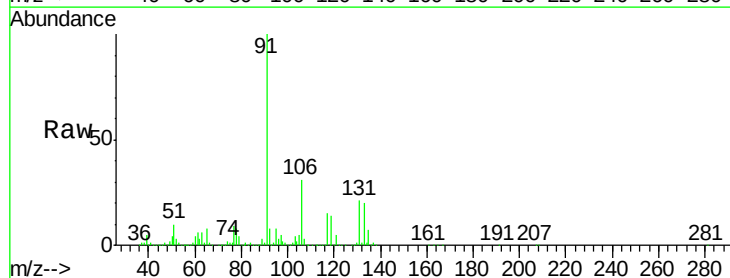
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

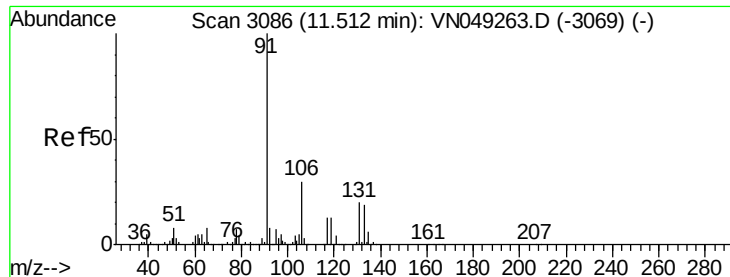
Tgt Ion:112 Resp: 2506487
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.370 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion:131 Resp: 936848
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.2
119 66.7 33.6 100.8

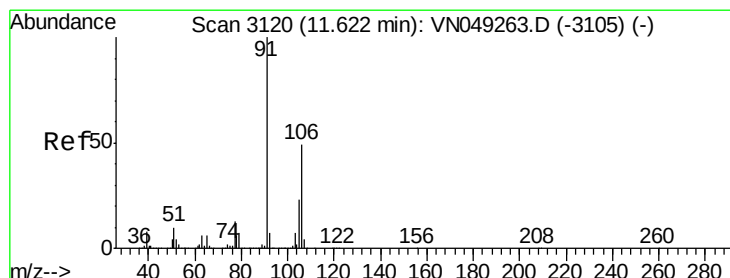
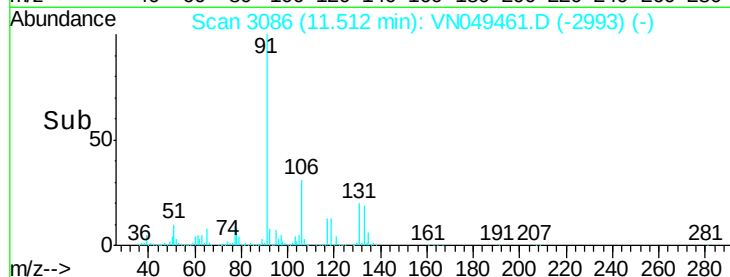
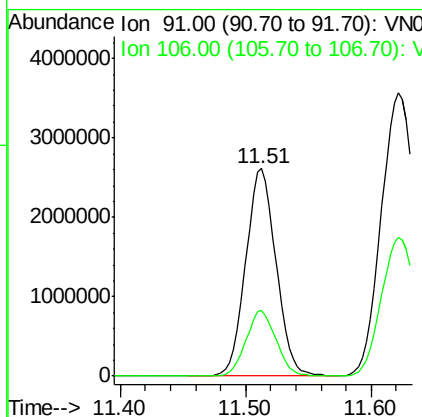
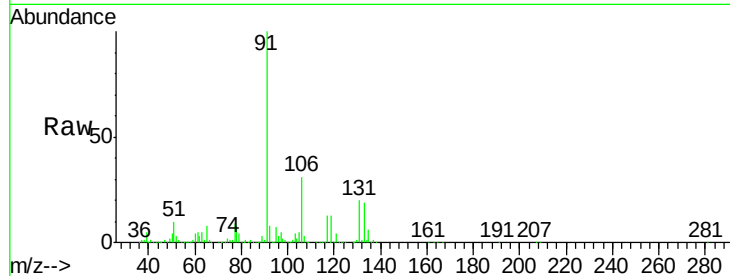




#67
Ethyl Benzene
Concen: 53.736 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

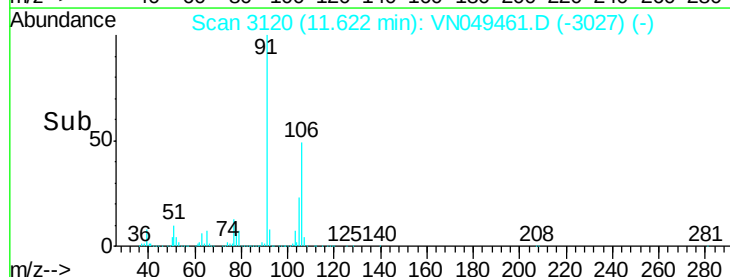
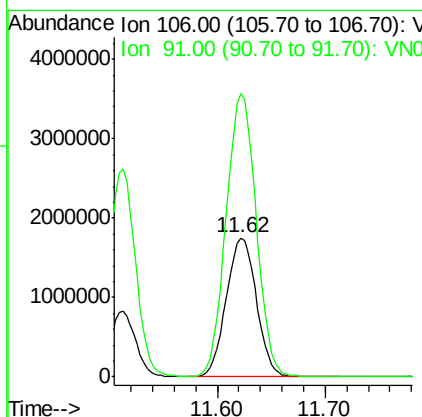
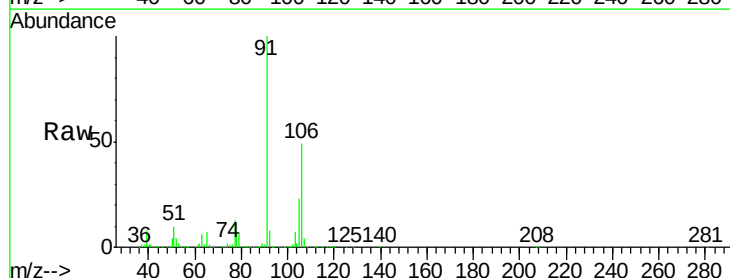
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

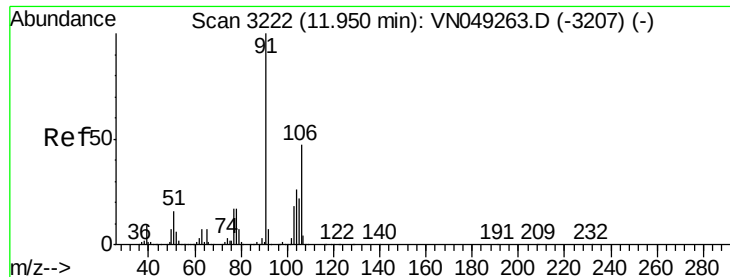
Tgt Ion: 91 Resp: 4405306
Ion Ratio Lower Upper
91 100
106 31.4 23.9 35.9



#68
m/p-Xylenes
Concen: 111.048 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion: 106 Resp: 3416517
Ion Ratio Lower Upper
106 100
91 203.5 167.3 250.9

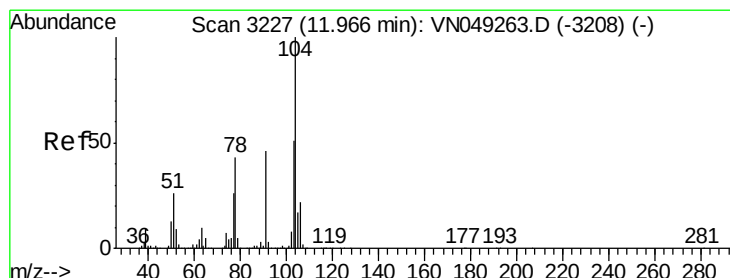
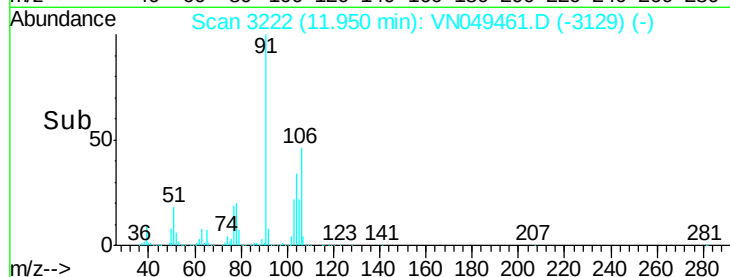
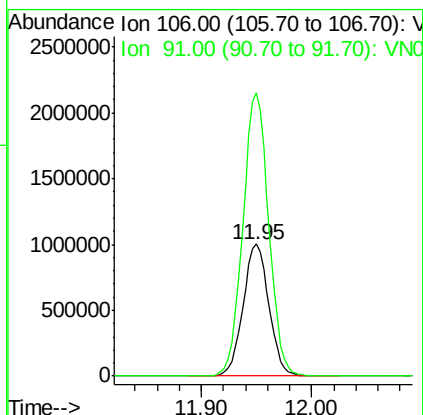
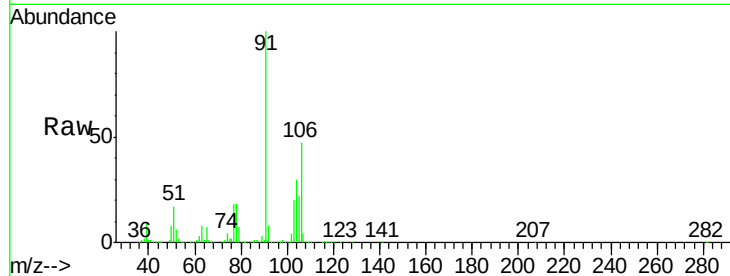




#69
o-Xylene
Concen: 54.670 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

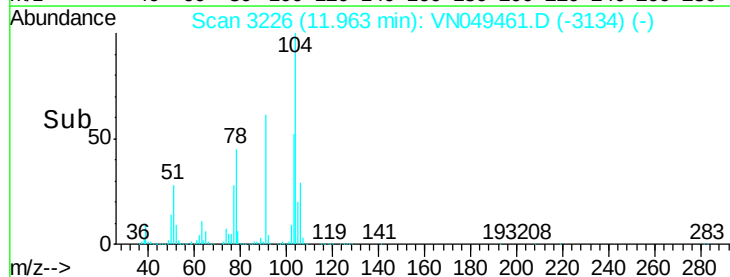
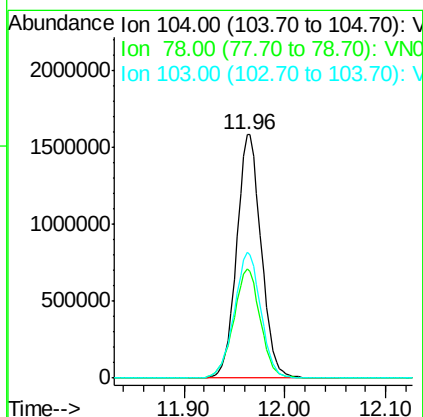
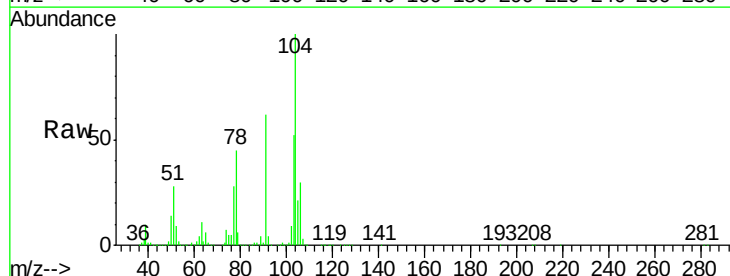
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

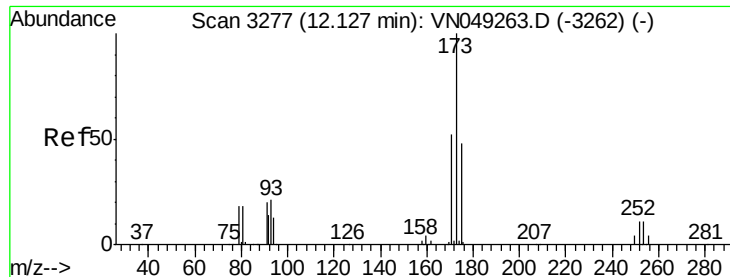
Tgt Ion:106 Resp: 1620035
Ion Ratio Lower Upper
106 100
91 214.2 111.0 333.0



#70
Styrene
Concen: 56.990 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion:104 Resp: 2664267
Ion Ratio Lower Upper
104 100
78 48.9 41.6 62.4
103 55.9 45.4 68.2





#71

Bromoform

Concen: 52.113 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

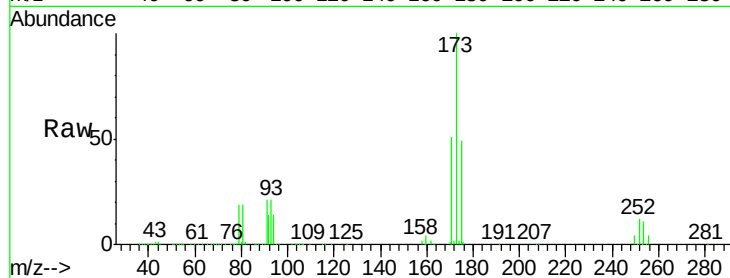
Tgt Ion:173 Resp: 627407

Ion Ratio Lower Upper

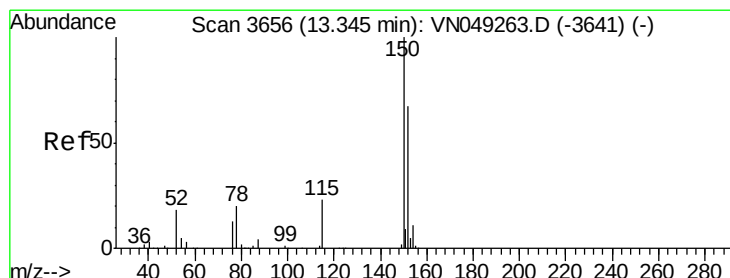
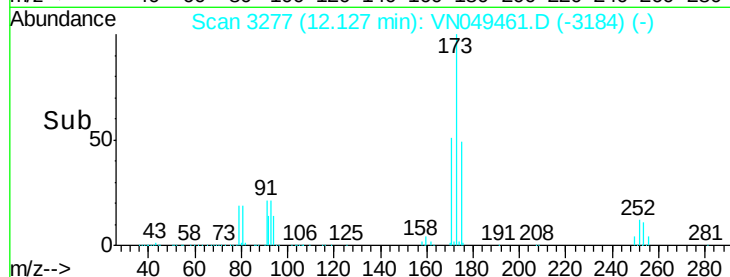
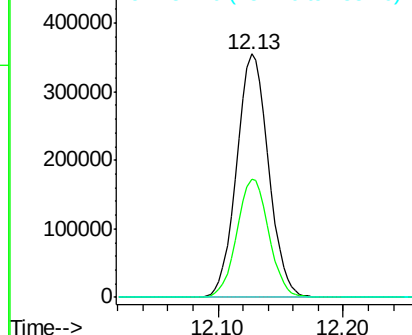
173 100

175 48.8 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

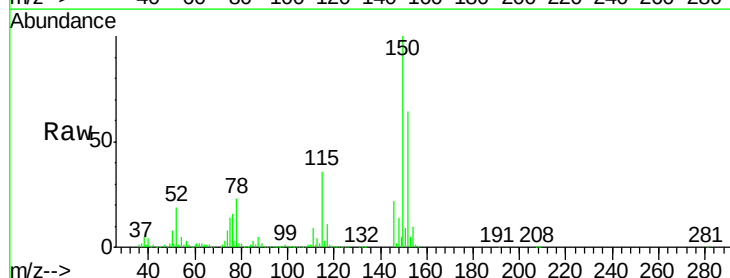
Tgt Ion:152 Resp: 1001663

Ion Ratio Lower Upper

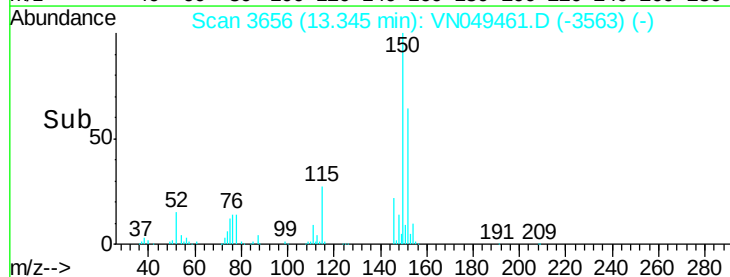
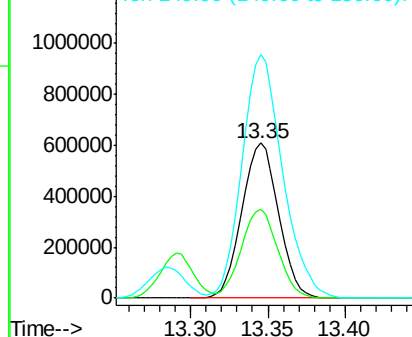
152 100

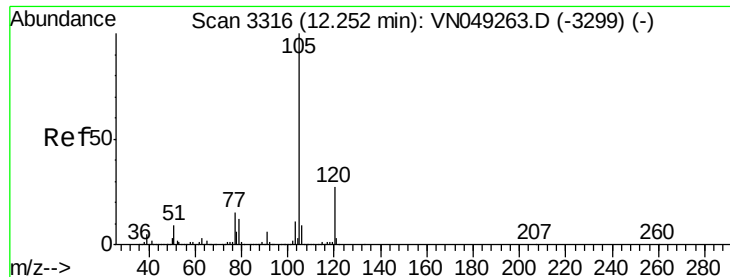
115 57.2 28.7 86.1

150 174.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 49.547 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

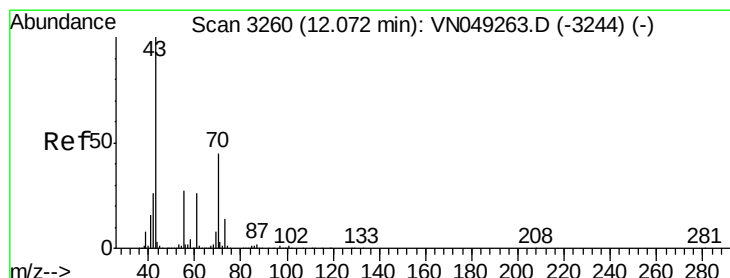
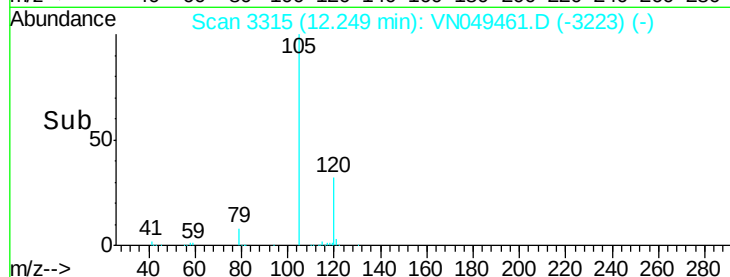
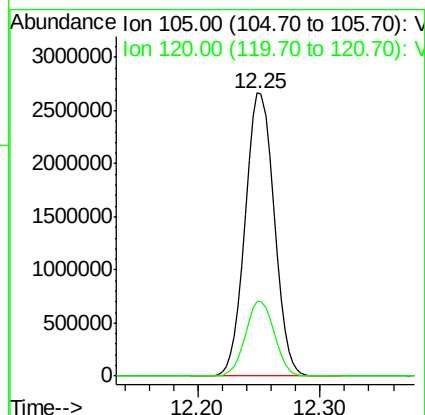
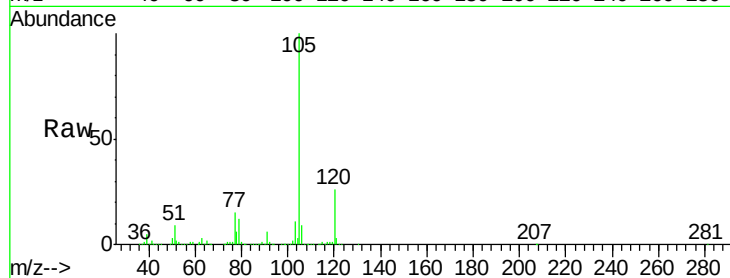
VSTDCCC050

Tgt Ion:105 Resp: 4357561

Ion Ratio Lower Upper

105 100

120 26.4 12.8 38.3



#74

N-ethyl acetate

Concen: 47.626 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Tgt Ion: 43 Resp: 1025937

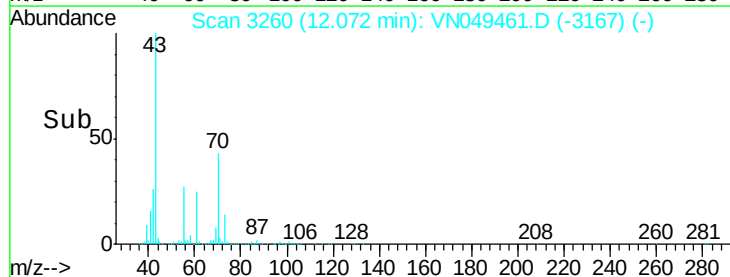
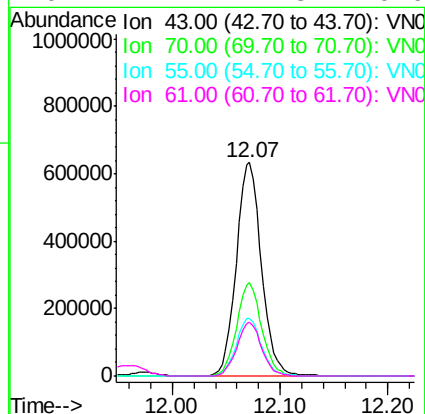
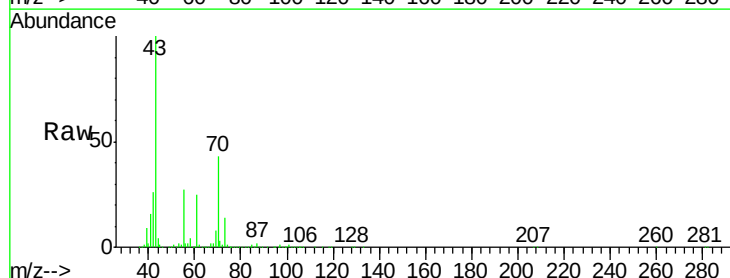
Ion Ratio Lower Upper

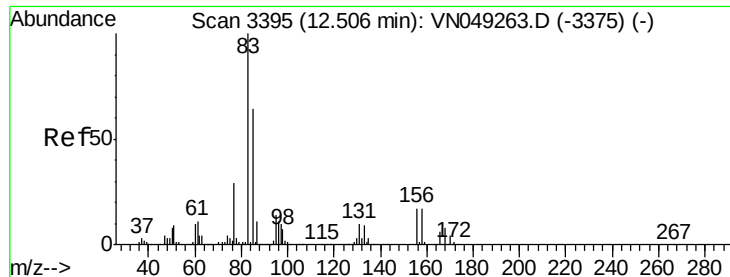
43 100

70 43.5 30.3 45.5

55 27.3 19.4 29.2

61 24.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.549 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

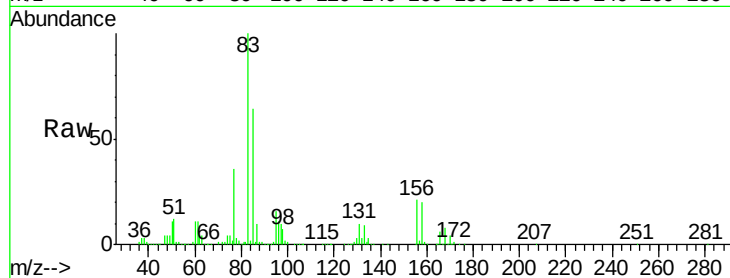
Tgt Ion: 83 Resp: 879563

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

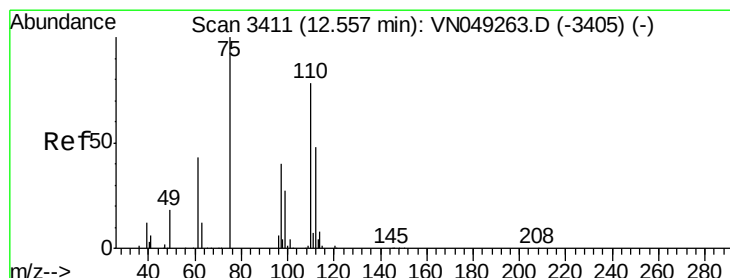
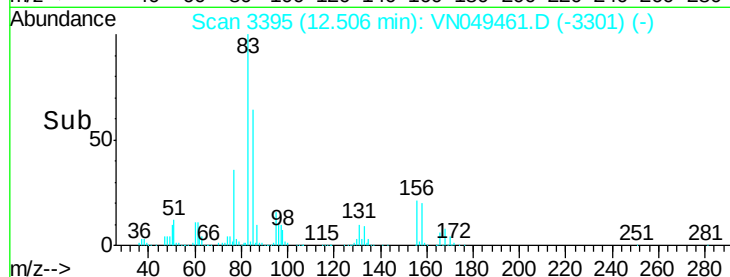
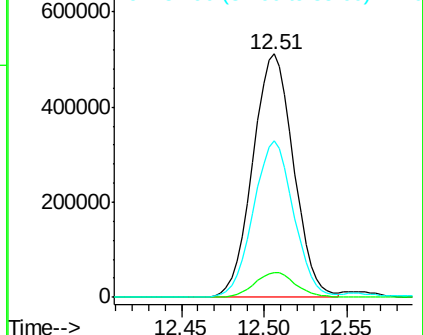
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 69.251 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049461.D

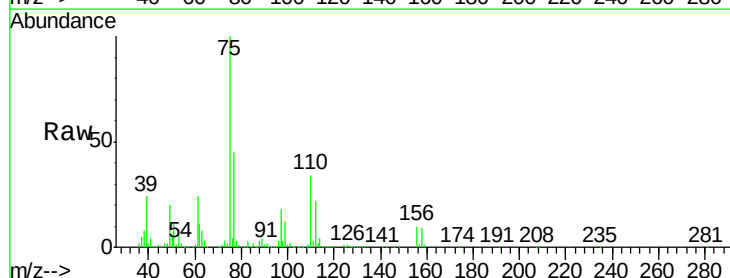
Acq: 21 Jun 2018 11:26

Tgt Ion: 75 Resp: 1183562

Ion Ratio Lower Upper

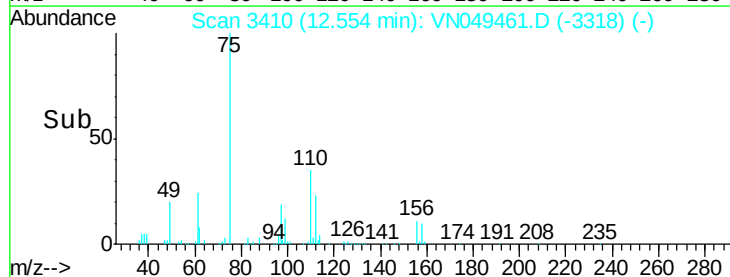
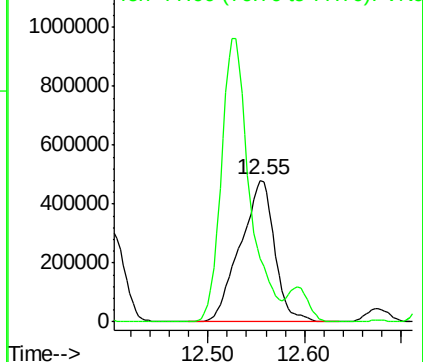
75 100

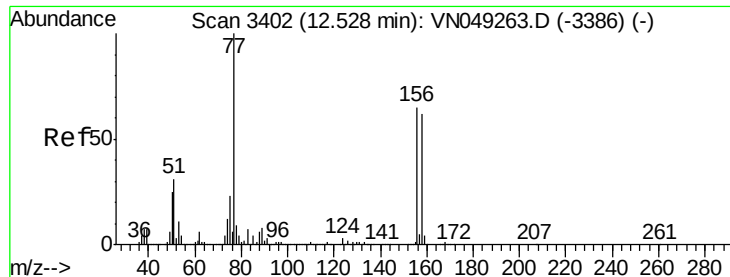
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.386 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

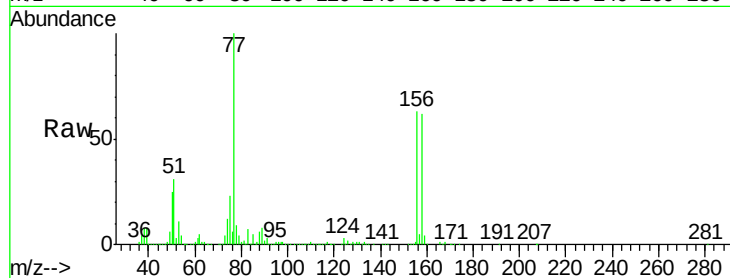
Tgt Ion:156 Resp: 1077577

Ion Ratio Lower Upper

156 100

77 182.1 100.8 302.4

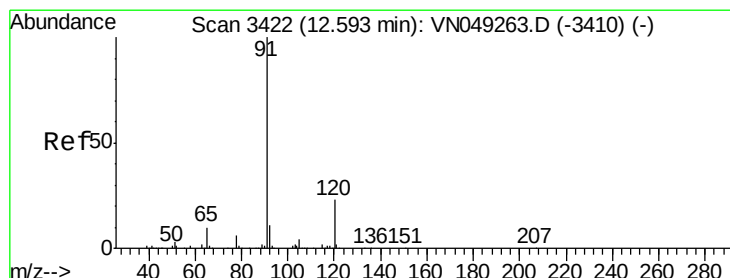
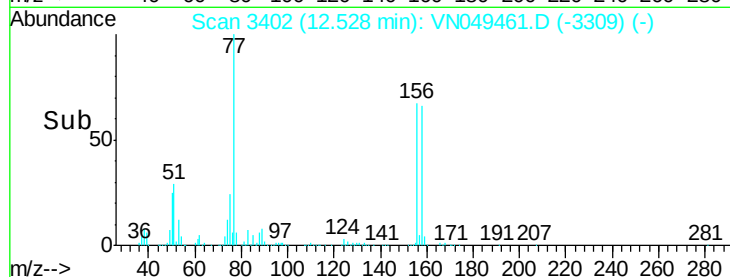
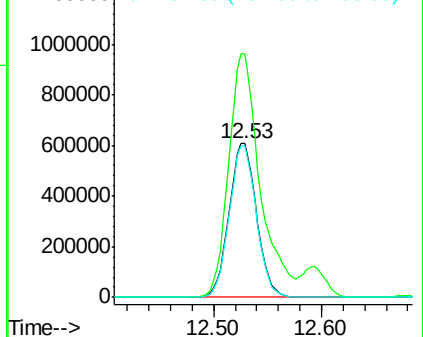
158 97.1 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.255 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049461.D

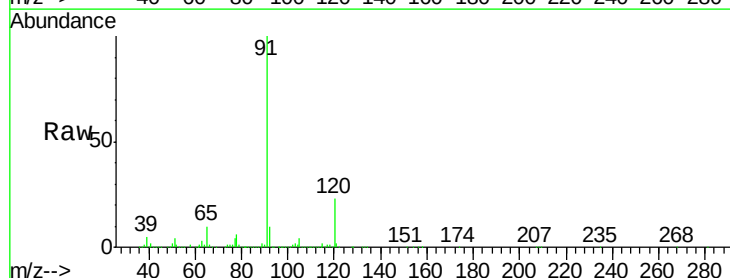
Acq: 21 Jun 2018 11:26

Tgt Ion: 91 Resp: 5046095

Ion Ratio Lower Upper

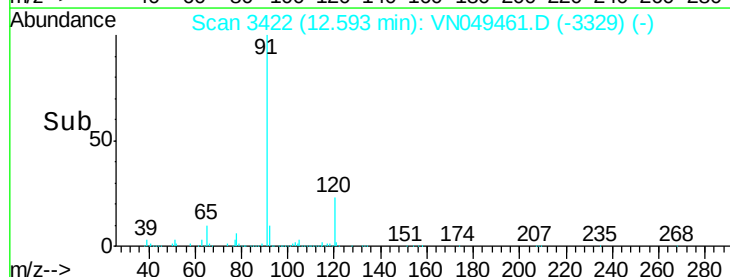
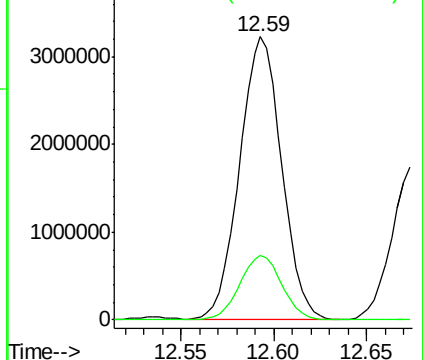
91 100

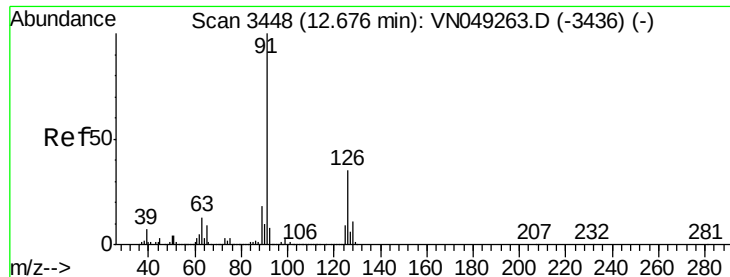
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.697 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

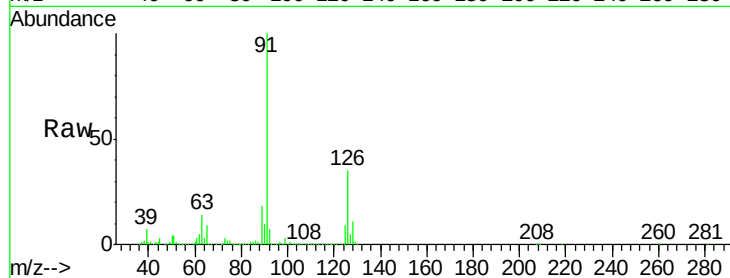
VSTDCCC050

Tgt Ion: 91 Resp: 2979607

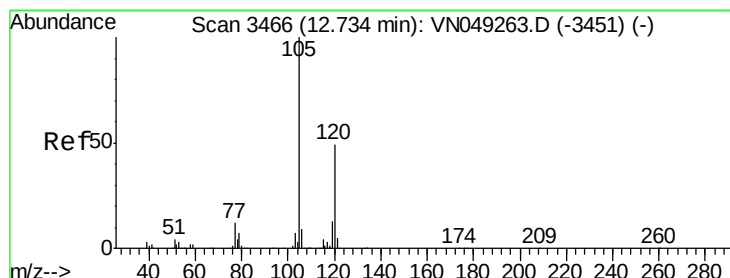
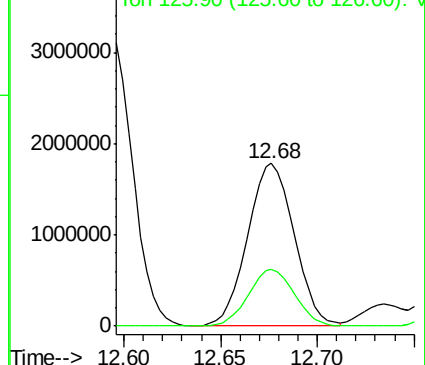
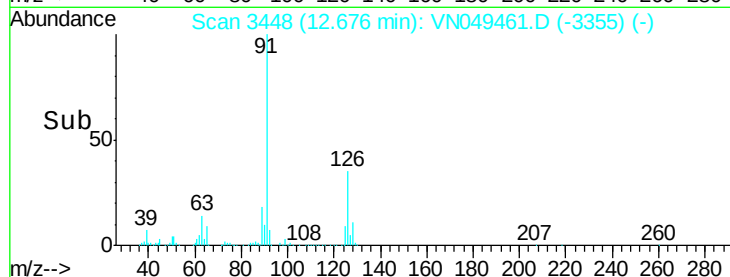
Ion Ratio Lower Upper

91 100

126 34.7 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049461.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.115 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049461.D

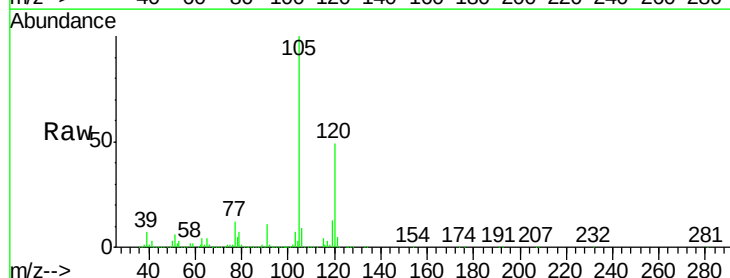
Acq: 21 Jun 2018 11:26

Tgt Ion: 105 Resp: 3602565

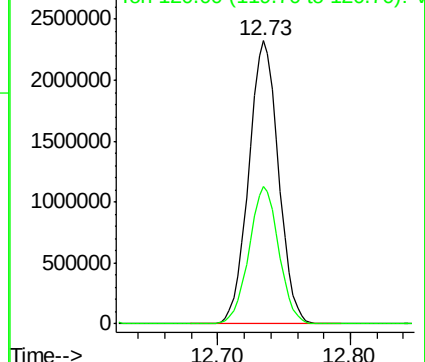
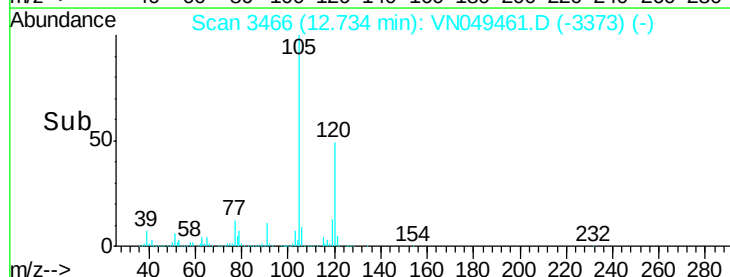
Ion Ratio Lower Upper

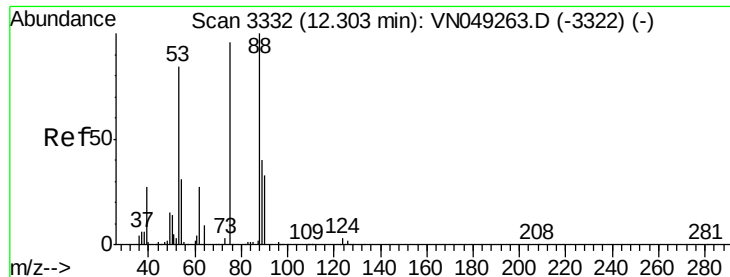
105 100

120 48.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049461.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.006 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

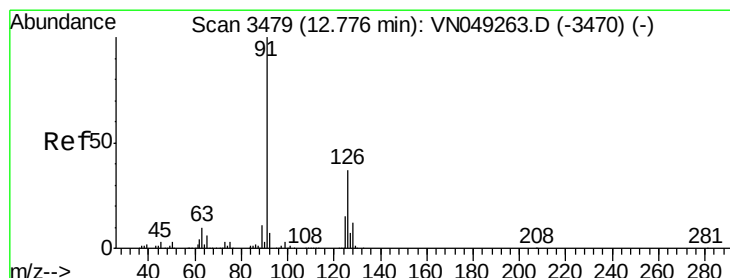
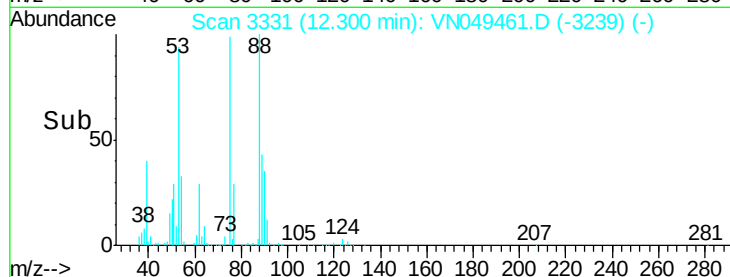
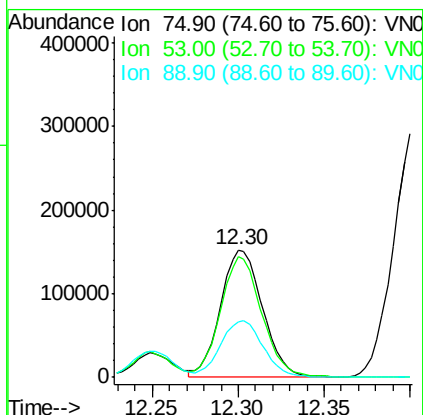
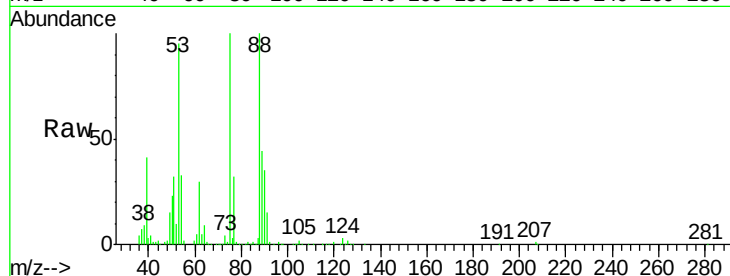
Tgt Ion: 75 Resp: 259596

Ion Ratio Lower Upper

75 100

53 93.0 82.7 124.1

89 45.1 36.5 54.7



#82

4-Chlorotoluene

Concen: 50.608 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. -0.00 min

Lab File: VN049461.D

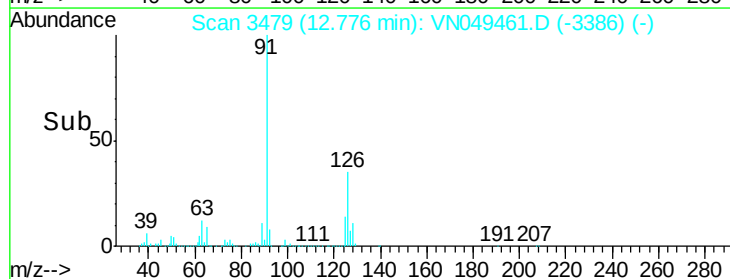
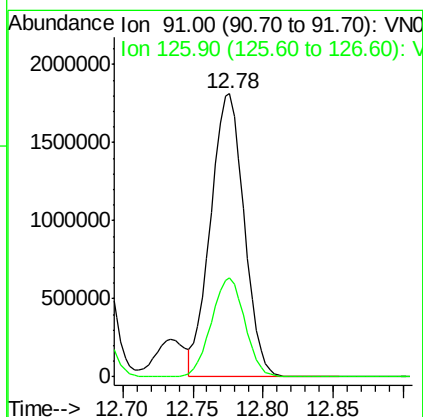
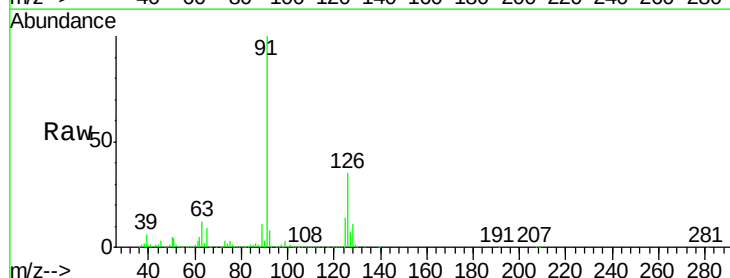
Acq: 21 Jun 2018 11:26

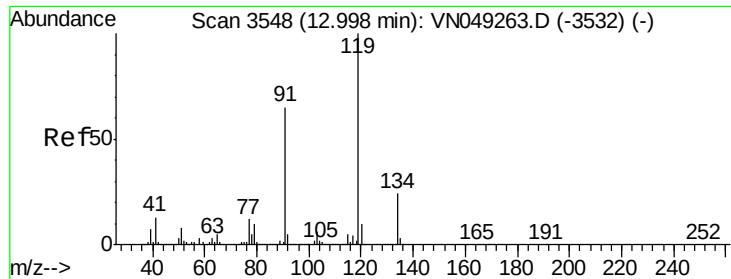
Tgt Ion: 91 Resp: 2987370

Ion Ratio Lower Upper

91 100

126 34.8 16.4 49.1

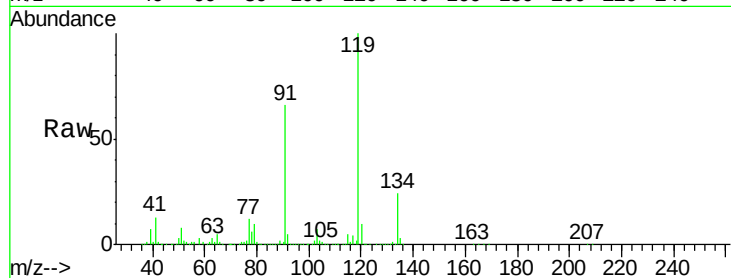




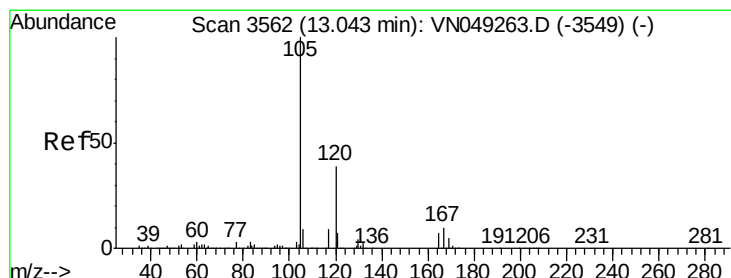
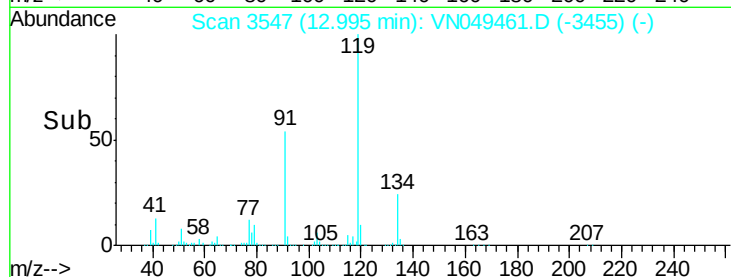
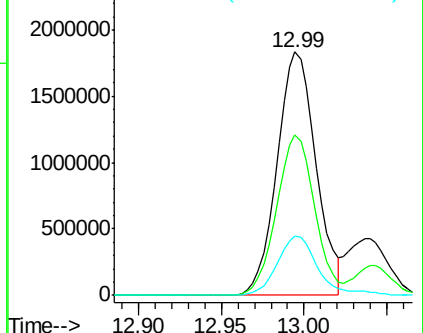
#83
 tert-Butylbenzene
 Concen: 48.884 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 2993736
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.7 101.0
 134 25.5 12.9 38.6

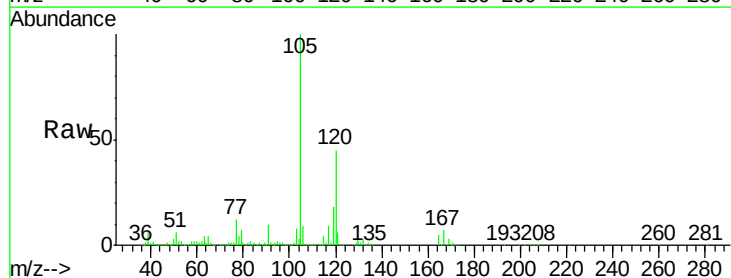


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

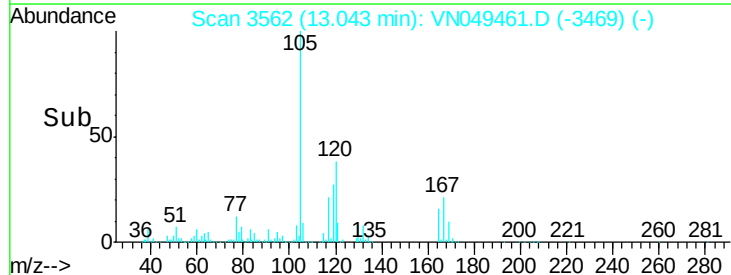
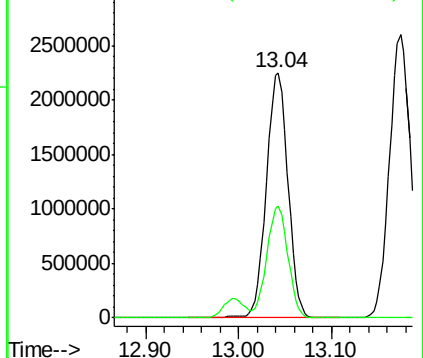


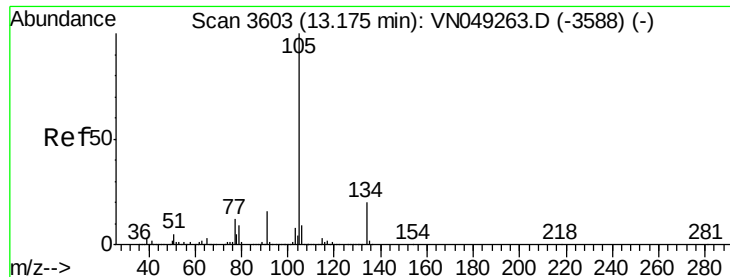
#84
 1,2,4-Trimethylbenzene
 Concen: 53.069 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion:105 Resp: 3644371
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.489 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

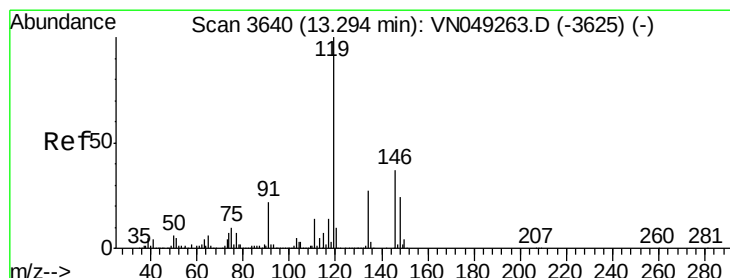
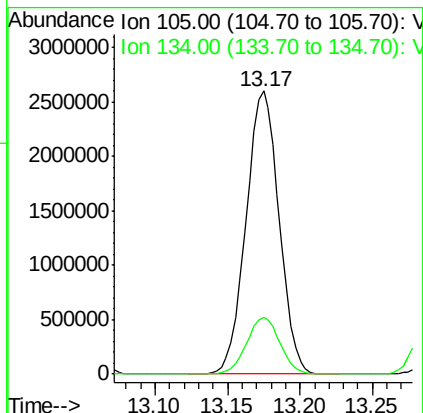
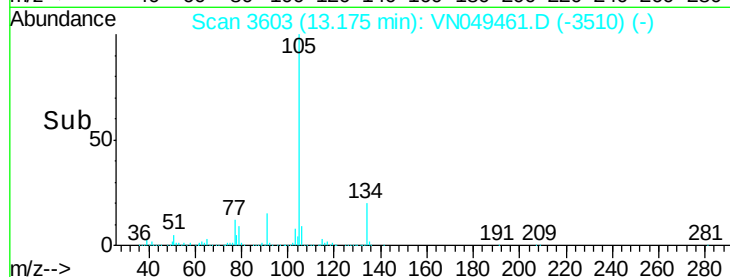
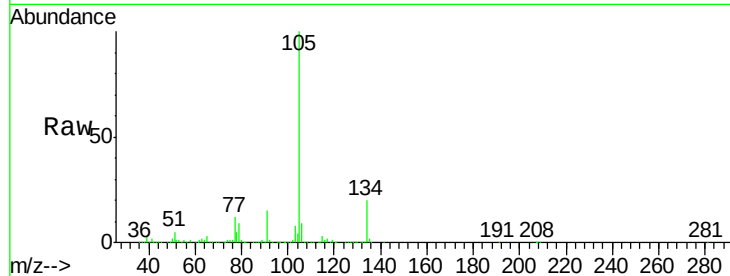
VSTDCCC050

Tgt Ion:105 Resp: 4115474

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.385 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

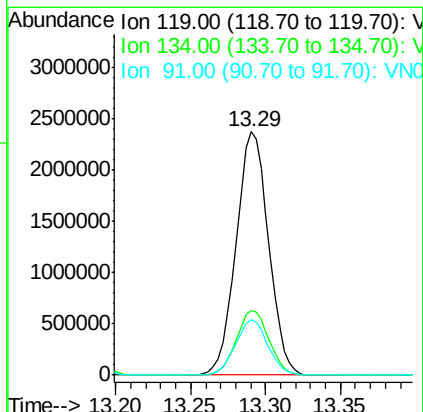
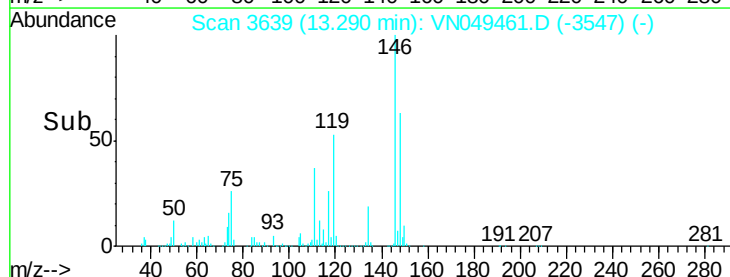
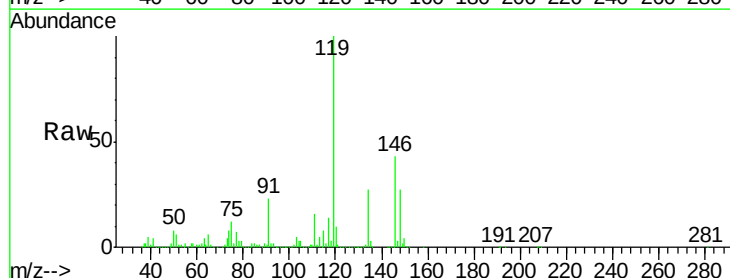
Tgt Ion:119 Resp: 3567496

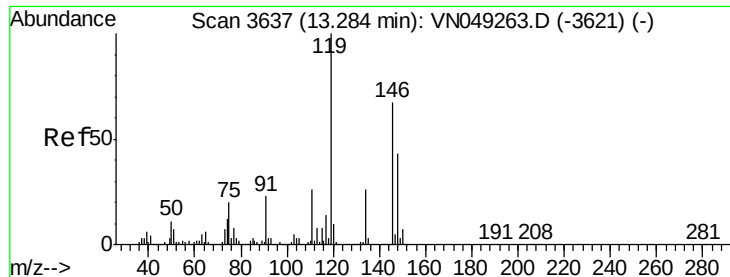
Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

91 22.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.234 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

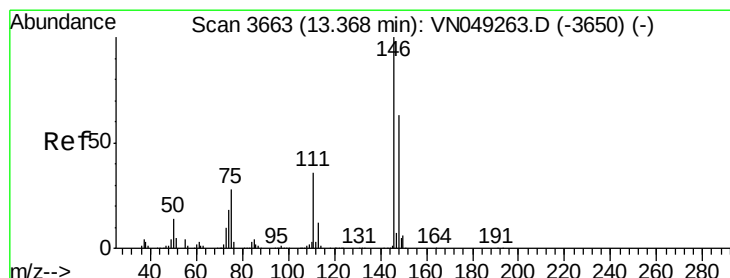
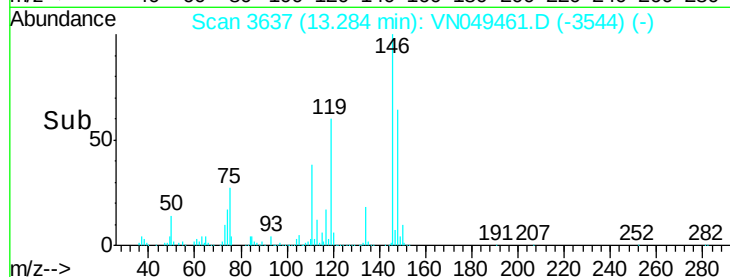
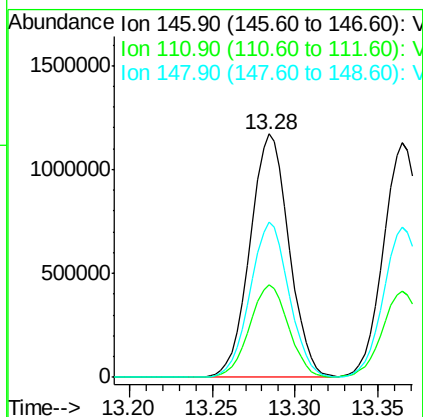
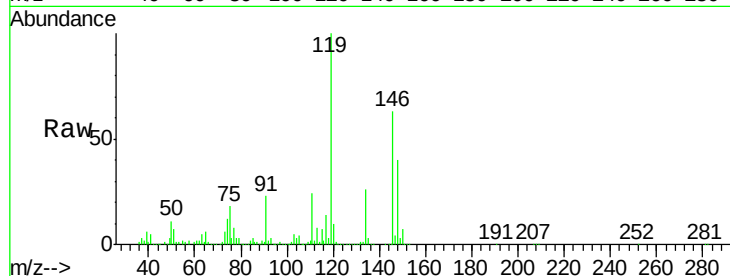
Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 1919769

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.9	59.6
148	63.6	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 48.755 ug/l

RT: 13.36 min Scan# 3662

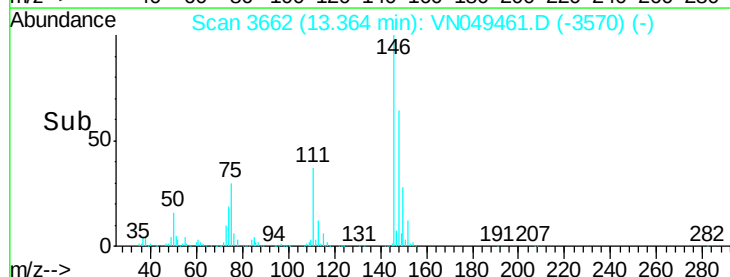
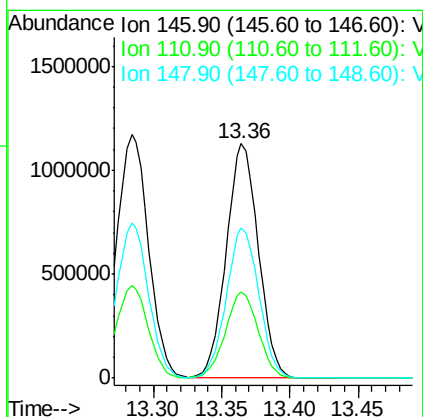
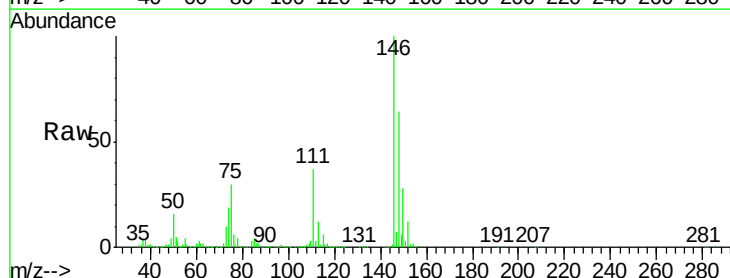
Delta R.T. -0.00 min

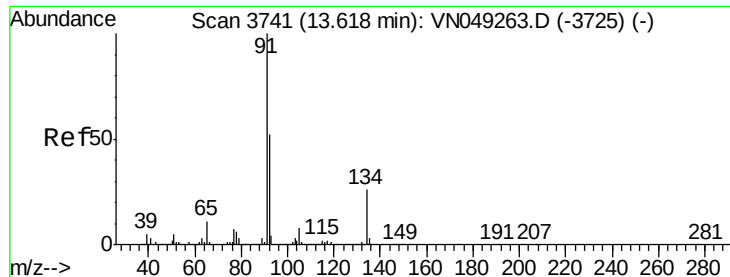
Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Tgt Ion:146 Resp: 1846772

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	64.7	32.0	96.2

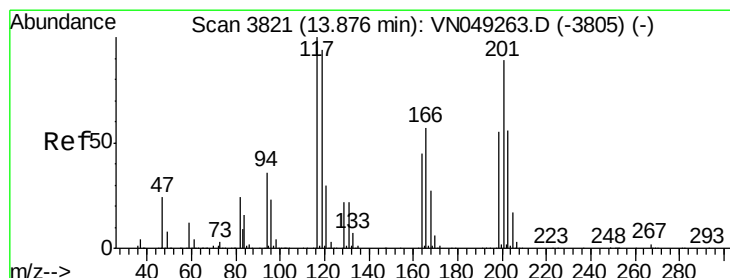
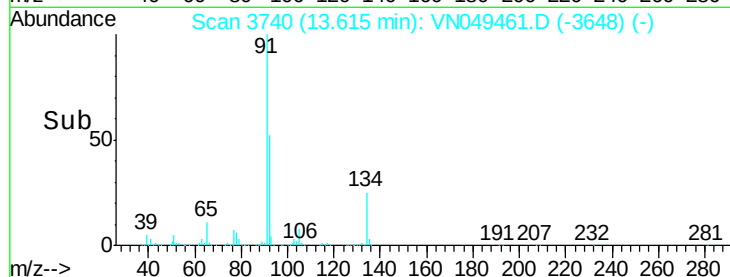
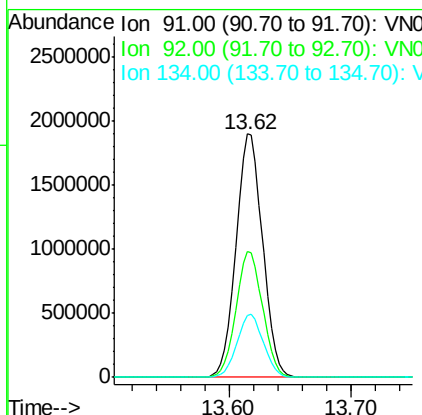
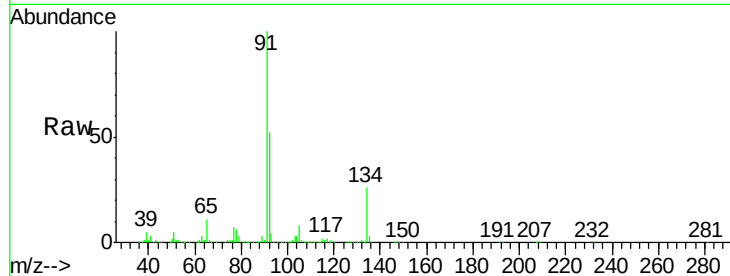




#89
n-Butylbenzene
Concen: 53.735 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

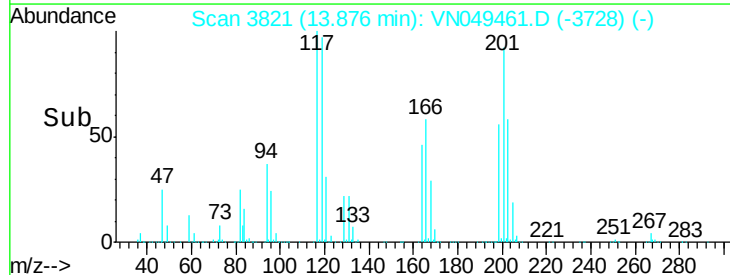
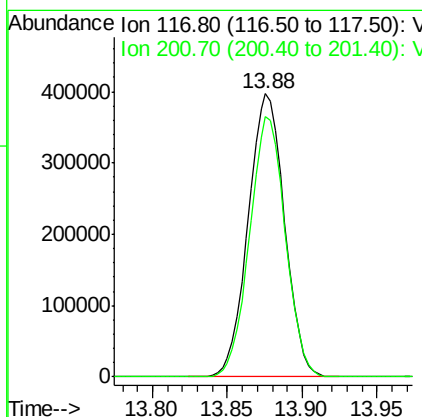
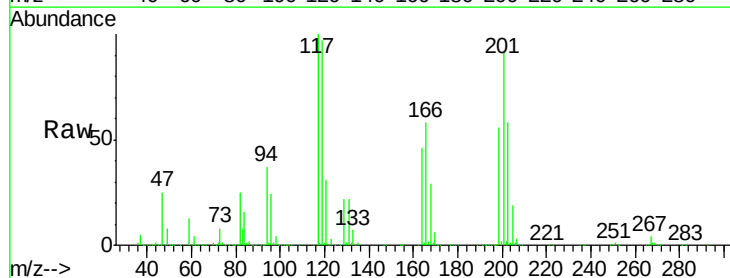
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

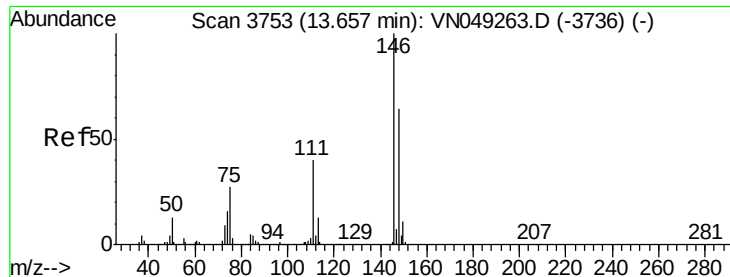
Tgt Ion: 91 Resp: 2858297
Ion Ratio Lower Upper
91 100
92 51.6 25.1 75.4
134 25.7 12.0 36.0



#90
Hexachloroethane
Concen: 52.164 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049461.D
Acq: 21 Jun 2018 11:26

Tgt Ion: 117 Resp: 671352
Ion Ratio Lower Upper
117 100
201 90.2 40.1 120.2

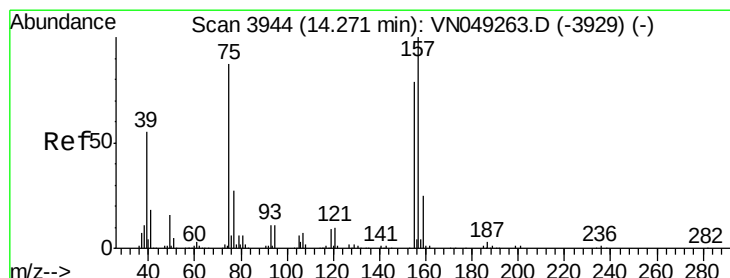
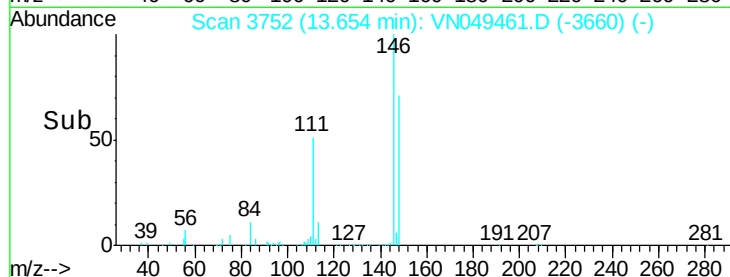
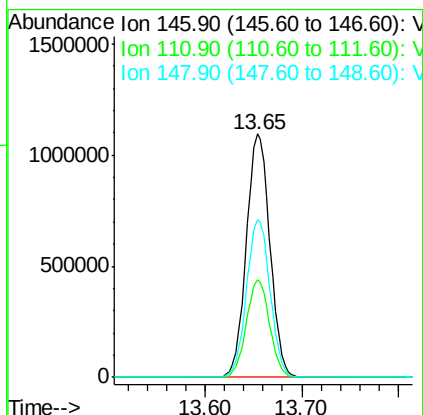
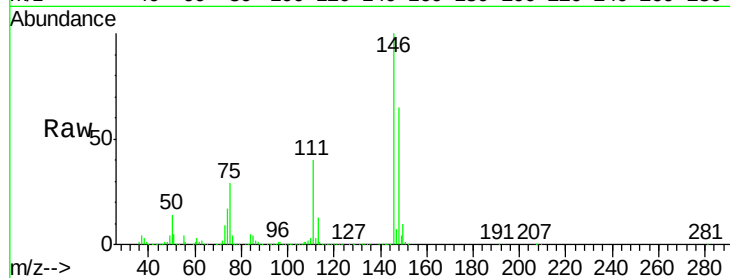




#91
 1,2-Dichlorobenzene
 Concen: 49.190 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

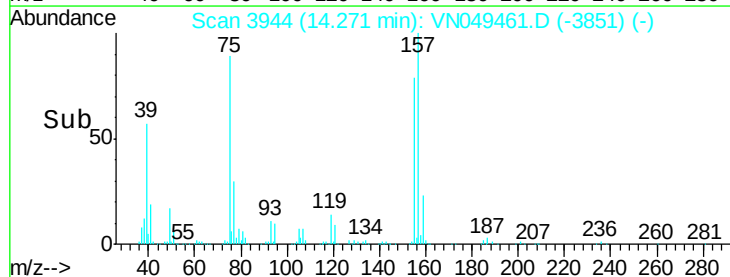
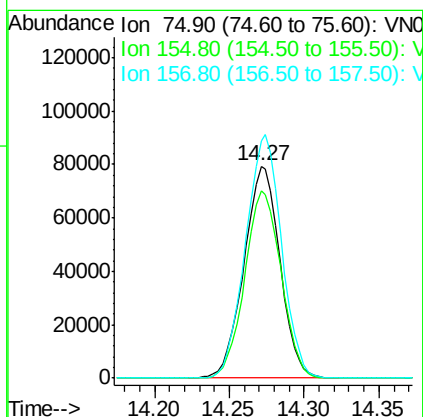
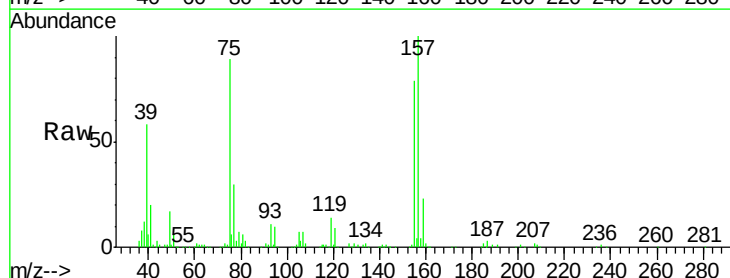
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

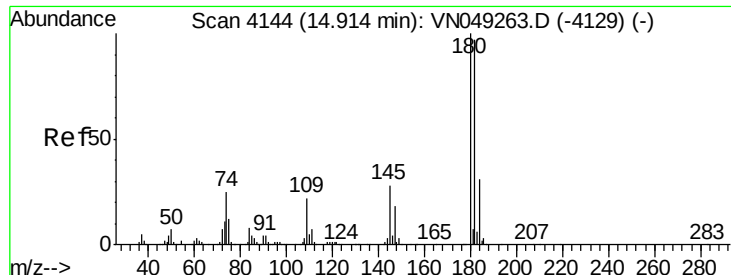
Tgt Ion:146 Resp: 1843734
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.8 62.2
 148 64.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.367 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion: 75 Resp: 132784
 Ion Ratio Lower Upper
 75 100
 155 89.1 38.8 116.3
 157 114.7 51.0 153.1

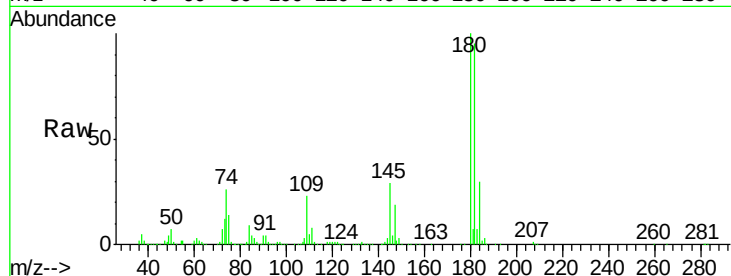




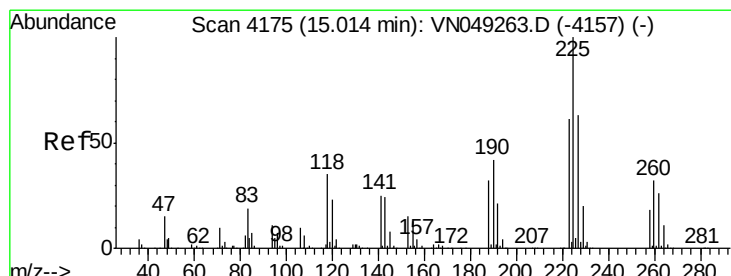
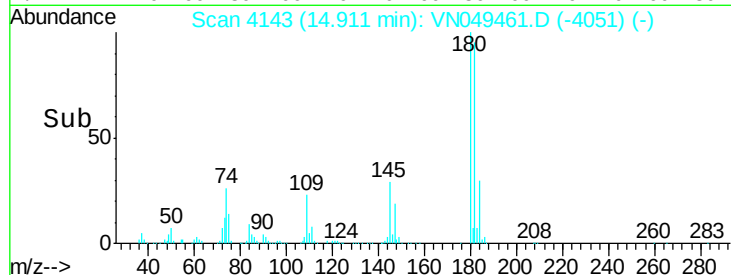
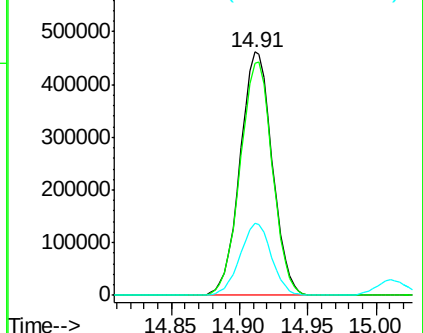
#93
 1,2,4-Trichlorobenzene
 Concen: 44.555 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 755601
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.9 140.8
 145 28.9 14.7 44.1

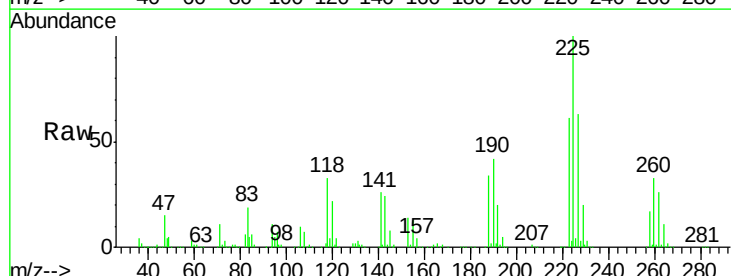


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

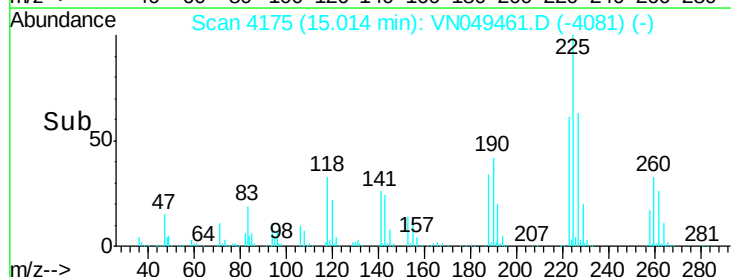
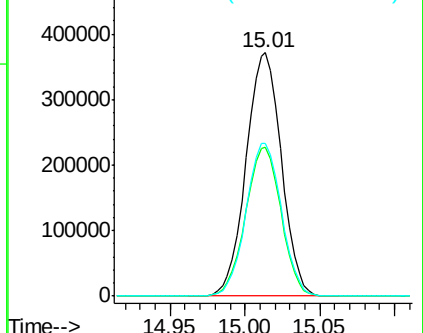


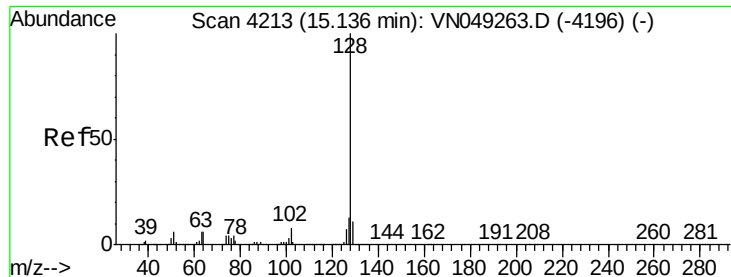
#94
 Hexachlorobutadiene
 Concen: 55.949 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049461.D
 Acq: 21 Jun 2018 11:26

Tgt Ion:225 Resp: 609854
 Ion Ratio Lower Upper
 225 100
 223 61.5 32.1 96.3
 227 62.9 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 45.567 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

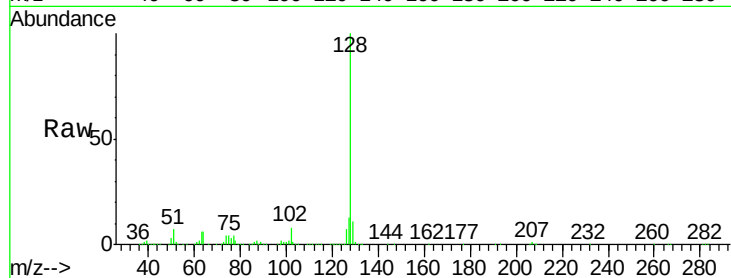
Tgt Ion:128 Resp: 1366147

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

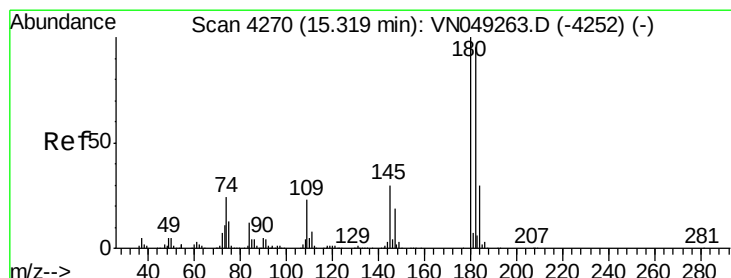
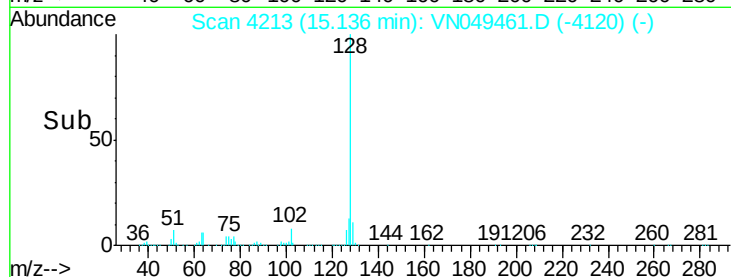
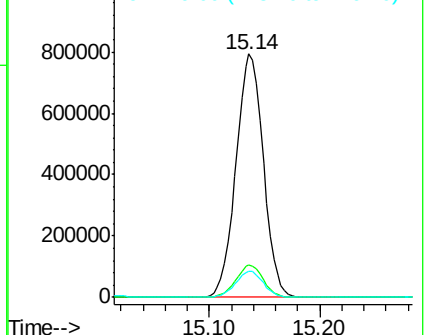
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.854 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049461.D

Acq: 21 Jun 2018 11:26

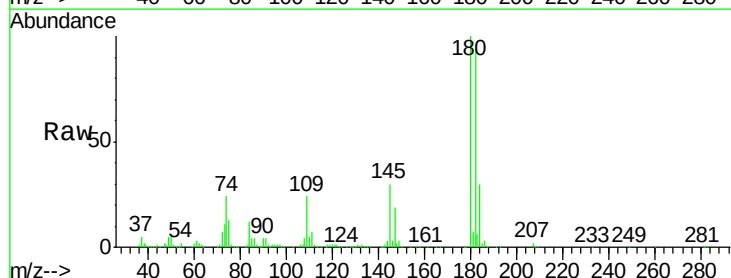
Tgt Ion:180 Resp: 764880

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 30.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

