

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
 Data File : VN049261.D
 Acq On : 15 Jun 2018 14:27
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 15 15:46:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1484644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2291128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2048725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	823950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	110196	4.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.20%	
35) Dibromofluoromethane	7.59	113	99357	5.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.48%	
50) Toluene-d8	10.09	98	351839	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	
62) 4-Bromofluorobenzene	12.40	95	105806	4.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	100261	4.688	ug/l 99
3) Chloromethane	2.06	50	132137	6.047	ug/l 100
4) Vinyl Chloride	2.18	62	137308	6.128	ug/l 99
5) Bromomethane	2.56	94	66359	4.912	ug/l 100
6) Chloroethane	2.70	64	82578	5.458	ug/l 97
7) Trichlorofluoromethane	3.01	101	170061	5.391	ug/l 96
8) Diethyl Ether	3.41	74	58055	4.956	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	109112	5.343	ug/l 93
10) Methyl Iodide	3.95	142	81408	4.100	ug/l 92
11) Tert butyl alcohol	4.80	59	35967	27.525	ug/l # 94
12) 1,1-Dichloroethene	3.73	96	96529	5.206	ug/l 84
13) Acrolein	3.61	56	46982	26.407	ug/l 99
14) Allyl chloride	4.32	41	148570	4.266	ug/l 87
15) Acrylonitrile	4.99	53	161886	23.017	ug/l 98
16) Acetone	3.82	43	138605	24.197	ug/l 90
17) Carbon Disulfide	4.05	76	304152	4.808	ug/l 99
18) Methyl Acetate	4.33	43	79343	3.293	ug/l 92
19) Methyl tert-butyl Ether	5.05	73	230539	4.563	ug/l 100
20) Methylene Chloride	4.55	84	115923	4.983	ug/l 90
21) trans-1,2-Dichloroethene	5.04	96	101477	4.936	ug/l 91
22) Diisopropyl ether	5.96	45	291750	4.197	ug/l 97
23) Vinyl Acetate	5.90	43	905520	19.708	ug/l 97
24) 1,1-Dichloroethane	5.85	63	200594	4.843	ug/l 98
25) 2-Butanone	6.84	43	177248	21.610	ug/l 97
26) 2,2-Dichloropropane	6.82	77	161036	5.185	ug/l 97
27) cis-1,2-Dichloroethene	6.83	96	111323	4.973	ug/l 93
28) Bromochloromethane	7.20	49	80816	4.111	ug/l 85
29) Tetrahydrofuran	7.22	42	111496	21.130	ug/l 98
30) Chloroform	7.37	83	195905	4.922	ug/l 98
31) Cyclohexane	7.65	56	176061	4.255	ug/l # 74
32) 1,1,1-Trichloroethane	7.57	97	167525	4.887	ug/l 97
36) 1,1-Dichloropropene	7.79	75	138779	4.848	ug/l 96
37) Ethyl Acetate	6.94	43	76209	4.217	ug/l # 96
38) Carbon Tetrachloride	7.77	117	150162	5.207	ug/l 96

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 Data File : VN049261.D
 Acq On : 15 Jun 2018 14:27
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 15 15:46:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	143111	4.840	ug/l	98
40) Benzene	8.04	78	442071	5.097	ug/l	100
41) Methacrylonitrile	7.18	41	33503	3.277	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	137991	4.821	ug/l	96
43) Isopropyl Acetate	8.17	43	148586	4.472	ug/l	97
44) Trichloroethene	8.84	130	119180	5.503	ug/l	91
45) 1,2-Dichloropropane	9.12	63	116959	4.903	ug/l	96
46) Dibromomethane	9.21	93	67300	5.107	ug/l	92
47) Bromodichloromethane	9.40	83	145750	4.910	ug/l #	97
48) Methyl methacrylate	9.20	41	65288	4.022	ug/l	88
49) 1,4-Dioxane	9.21	88	18136	94.598	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	361881	20.452	ug/l	97
52) Toluene	10.16	92	251074	4.976	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	128916	4.568	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	155593	4.758	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	96613	5.217	ug/l	97
56) Ethyl methacrylate	10.43	69	94920	4.252	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	160485	5.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	141756	19.599	ug/l	96
59) 2-Hexanone	10.75	43	232929	21.126	ug/l	96
60) Dibromochloromethane	10.90	129	104109	5.070	ug/l	99
61) 1,2-Dibromoethane	11.01	107	86788	5.067	ug/l	99
64) Tetrachloroethene	10.63	164	120917	5.891	ug/l	99
65) Chlorobenzene	11.44	112	292580	5.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	107808	5.363	ug/l	99
67) Ethyl Benzene	11.51	91	448146	4.915	ug/l	97
68) m/p-Xylenes	11.63	106	333913	10.015	ug/l	97
69) o-Xylene	11.95	106	164678	5.129	ug/l	91
70) Styrene	11.97	104	237832	4.678	ug/l	98
71) Bromoform	12.13	173	68039	5.415	ug/l #	100
73) Isopropylbenzene	12.25	105	416517	5.263	ug/l	99
74) N-amyl acetate	12.07	43	90298	4.005	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.51	83	112581	5.574	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	129090	8.030	ug/l #	100
77) Bromobenzene	12.53	156	111453	5.738	ug/l	90
78) n-propylbenzene	12.59	91	439477	4.999	ug/l	99
79) 2-Chlorotoluene	12.68	91	292791	5.281	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	321778	5.303	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	23767	4.819	ug/l	97
82) 4-Chlorotoluene	12.78	91	272973	5.190	ug/l	97
83) tert-Butylbenzene	12.99	119	286471	5.480	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	309999	5.140	ug/l	96
85) sec-Butylbenzene	13.17	105	368871	5.293	ug/l	98
86) p-Isopropyltoluene	13.29	119	288418	5.110	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	175820	5.679	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	167567	5.495	ug/l	96
89) n-Butylbenzene	13.62	91	201520	4.625	ug/l	98
90) Hexachloroethane	13.88	117	73226	5.504	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	171317	5.625	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14069	5.111	ug/l	93

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Acq On : 15 Jun 2018 14:27
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jun 15 15:46:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 15:46:14 2018
Response via : Initial Calibration

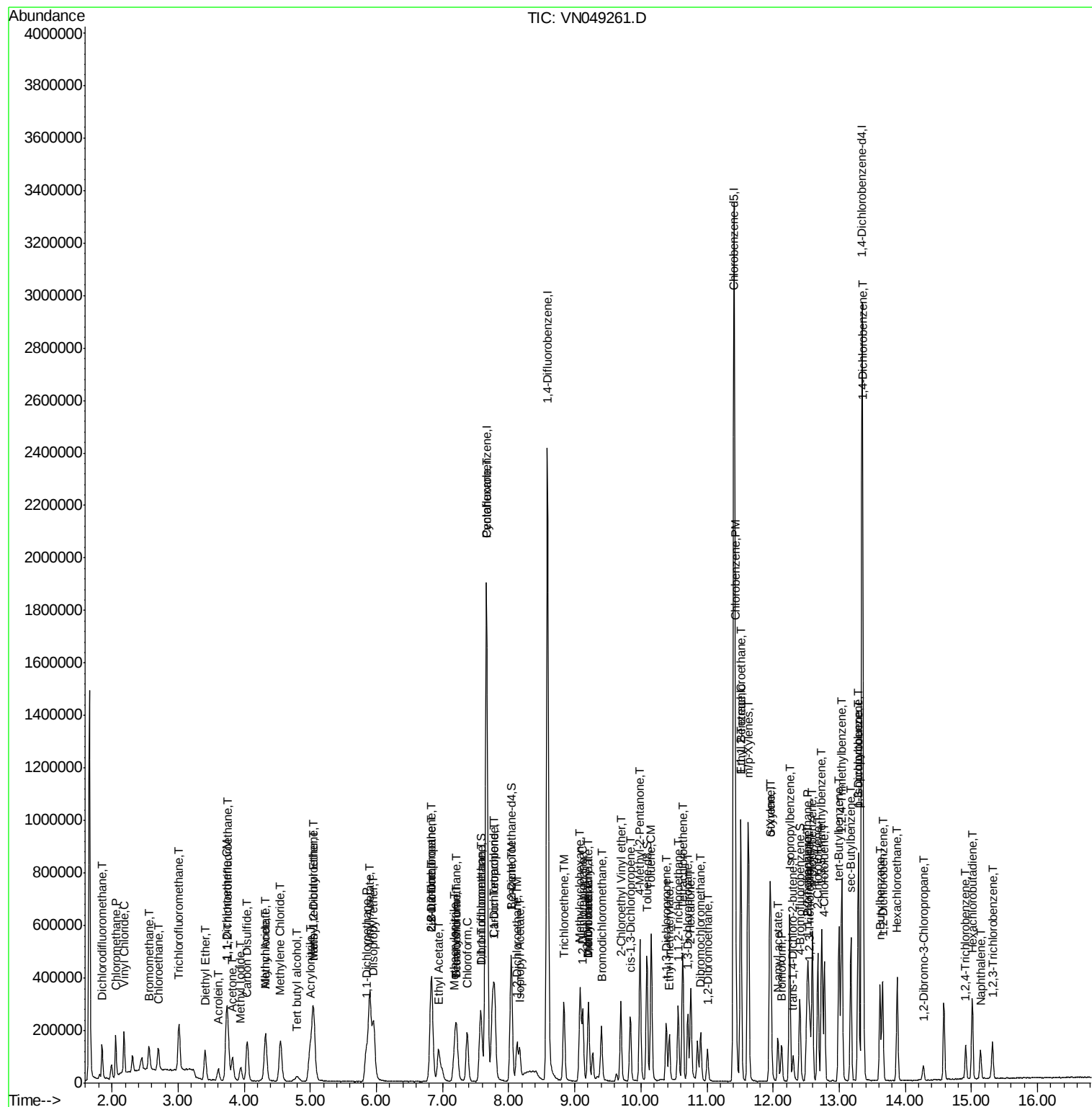
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	43107	3.858	ug/l	97
94) Hexachlorobutadiene	15.01	225	65387	7.099	ug/l	99
95) Naphthalene	15.14	128	91491	3.760	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	52112	4.333	ug/l	98

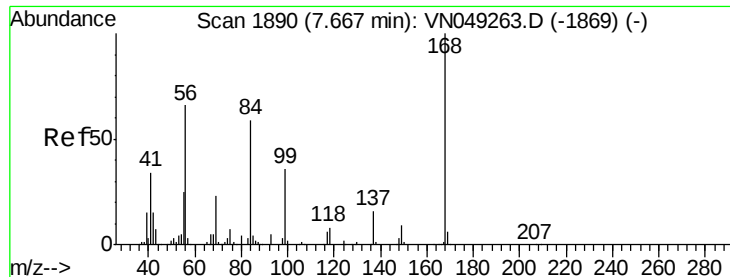
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049261.D
Acq On : 15 Jun 2018 14:27
Operator : MD\SY
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Jun 15 15:46:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 15:46:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

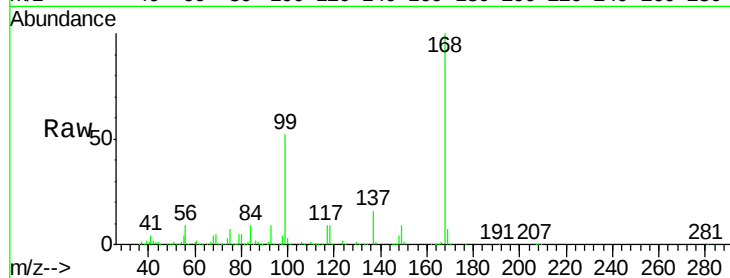
VSTDIC005

Tgt Ion:168 Resp: 1484644

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

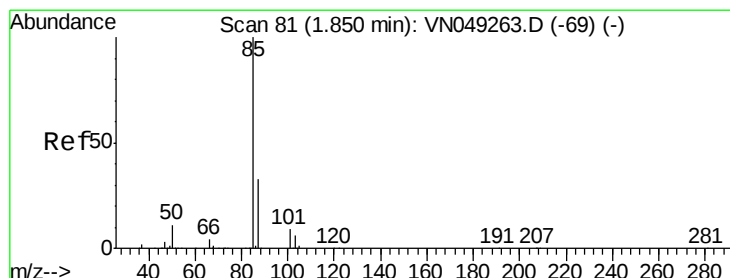
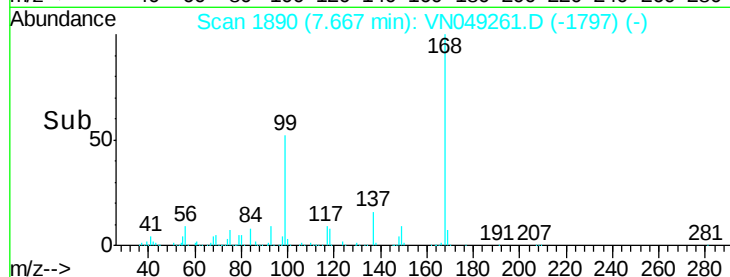
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.688 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049261.D

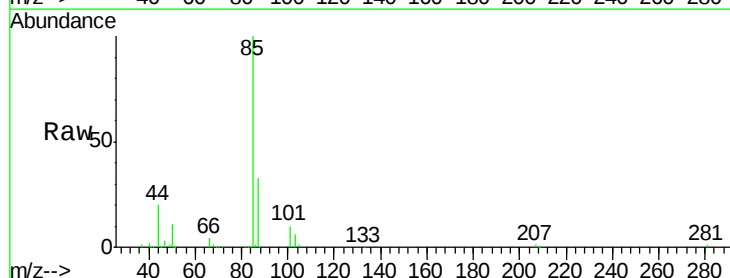
Acq: 15 Jun 2018 14:27

Tgt Ion: 85 Resp: 100261

Ion Ratio Lower Upper

85 100

87 33.1 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

80000

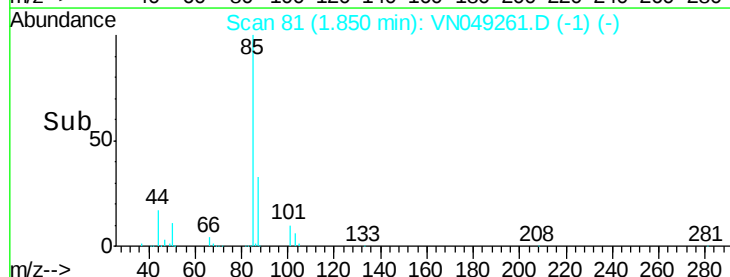
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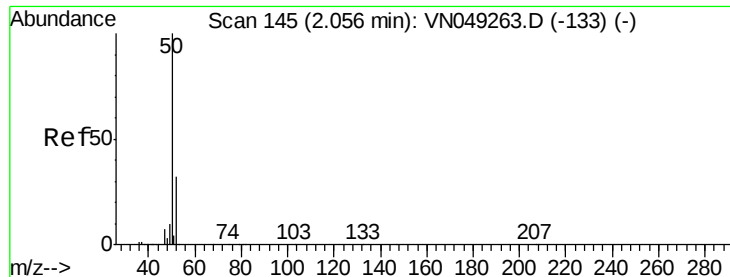
40000

20000

0

Time-->





#3

Chloromethane

Concen: 6.047 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

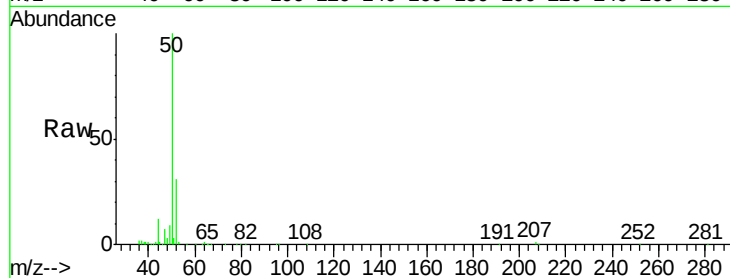
VSTDIC005

Tgt Ion: 50 Resp: 132137

Ion Ratio Lower Upper

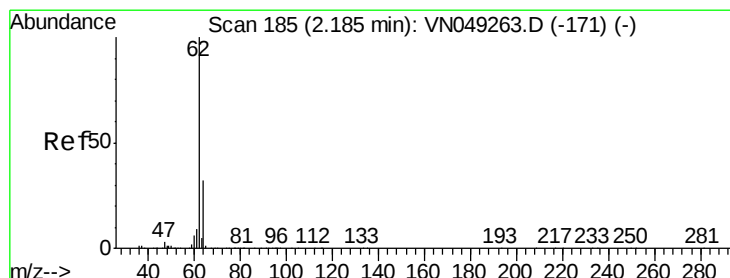
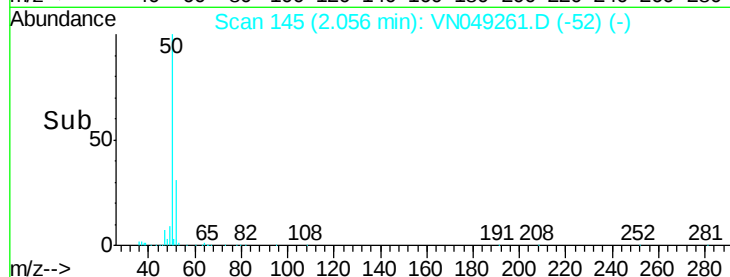
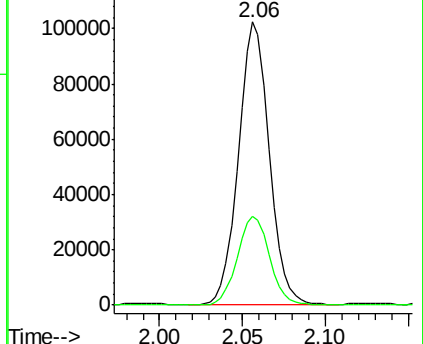
50 100

52 31.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049261.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049261.D (-133) (-)



#4

Vinyl Chloride

Concen: 6.128 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049261.D

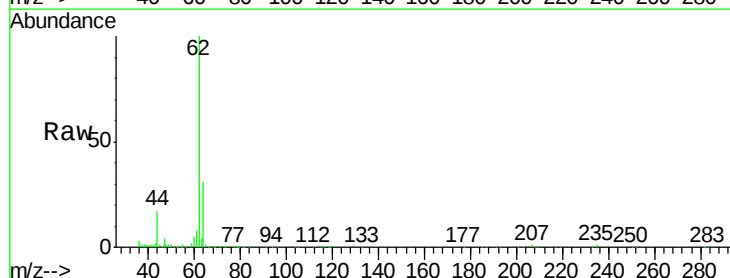
Acq: 15 Jun 2018 14:27

Tgt Ion: 62 Resp: 137308

Ion Ratio Lower Upper

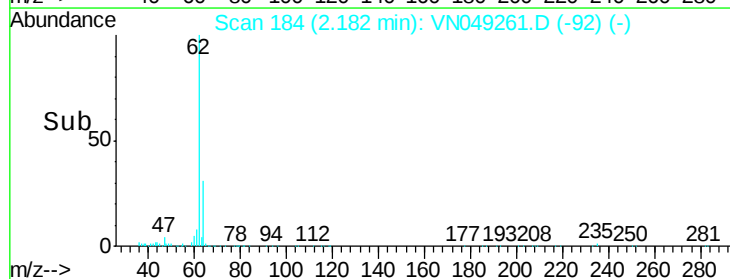
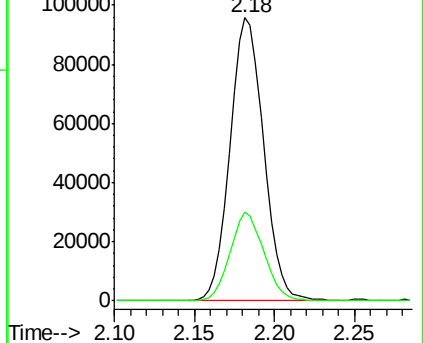
62 100

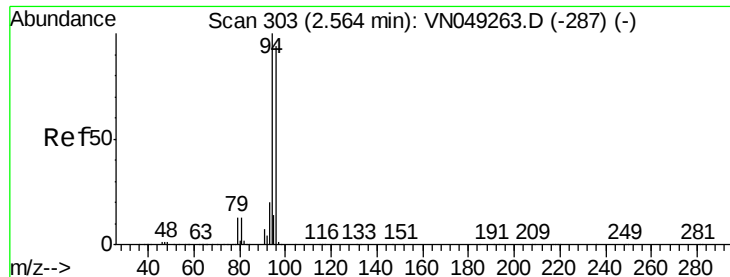
64 31.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049261.D (-171) (-)

Ion 63.90 (63.60 to 64.60): VN049261.D (-171) (-)





#5

Bromomethane

Concen: 4.912 ug/l

RT: 2.56 min Scan# 301

Delta R.T. -0.01 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

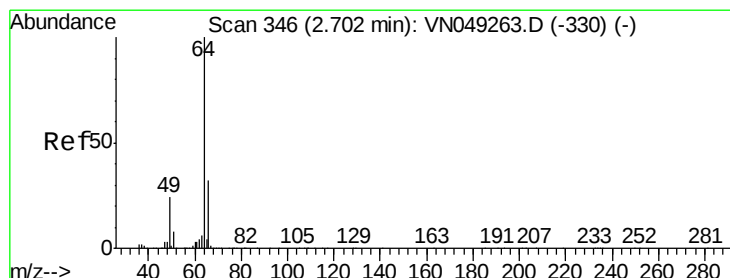
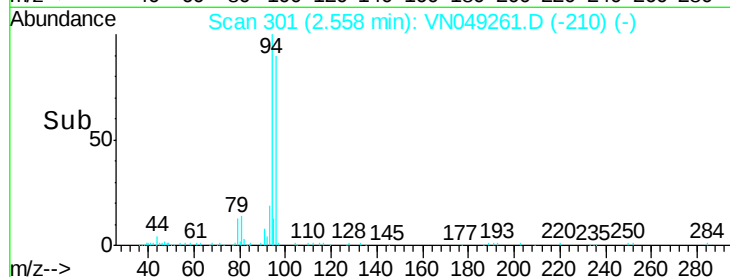
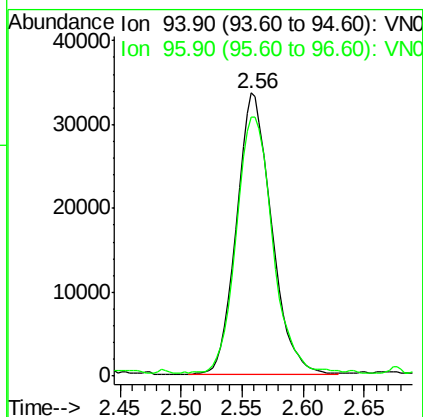
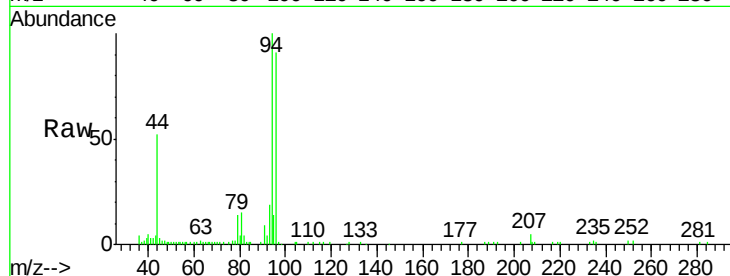
VSTDIC005

Tgt Ion: 94 Resp: 66359

Ion Ratio Lower Upper

94 100

96 90.9 72.8 109.2



#6

Chloroethane

Concen: 5.458 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049261.D

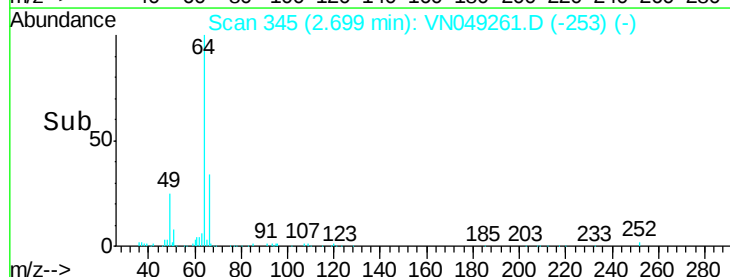
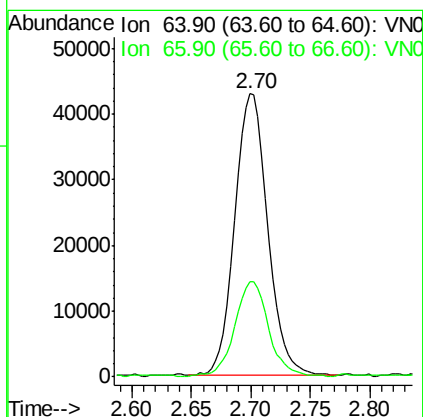
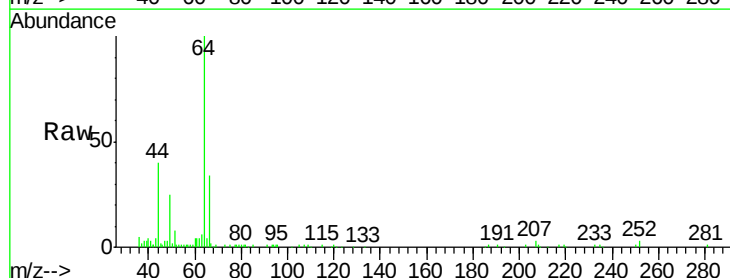
Acq: 15 Jun 2018 14:27

Tgt Ion: 64 Resp: 82578

Ion Ratio Lower Upper

64 100

66 33.9 25.6 38.4



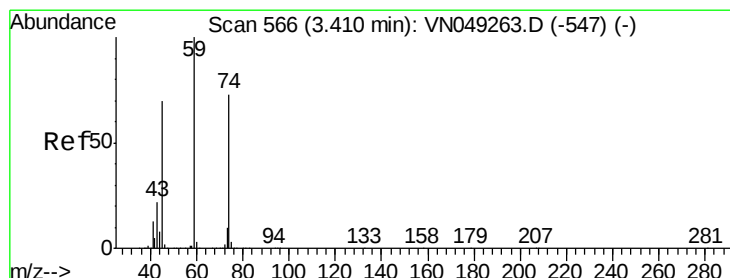
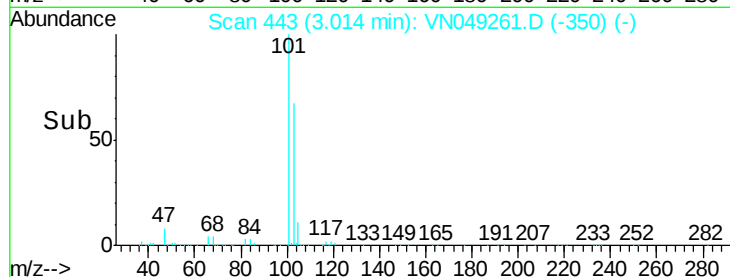
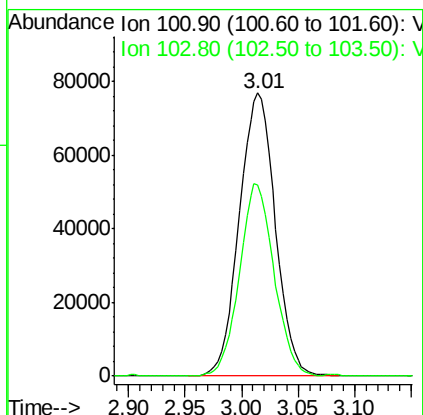
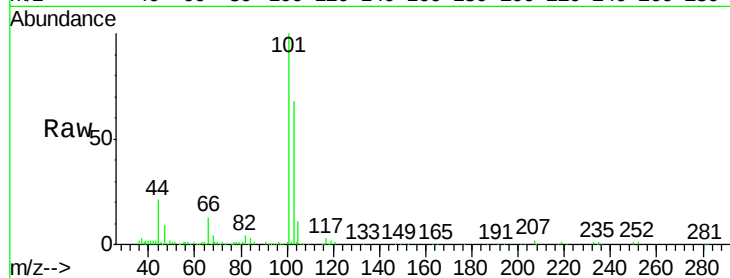


#7

Trichlorofluoromethane
Concen: 5.391 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

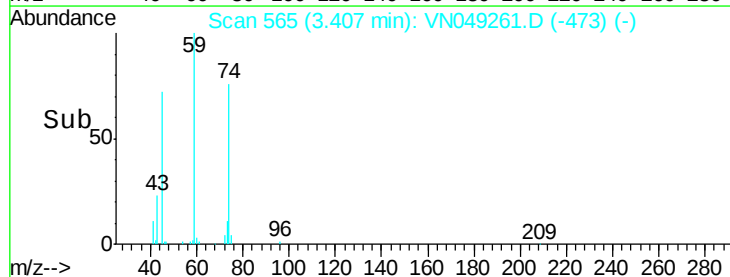
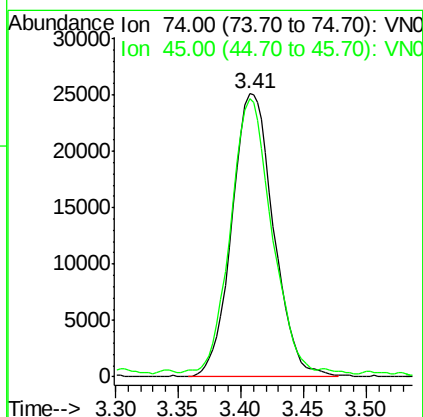
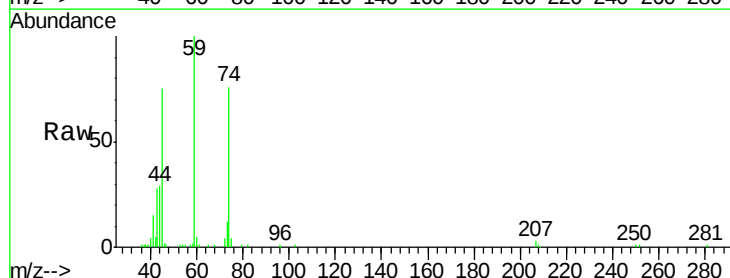
Tgt Ion: 101 Resp: 170061
Ion Ratio Lower Upper
101 100
103 67.6 51.7 77.5

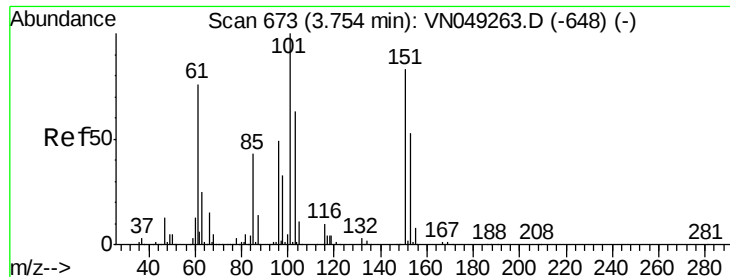


#8

Diethyl Ether
Concen: 4.956 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 74 Resp: 58055
Ion Ratio Lower Upper
74 100
45 94.4 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.343 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

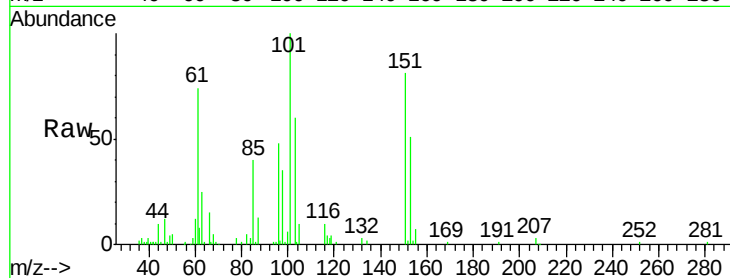
Tgt Ion:101 Resp: 109112

Ion Ratio Lower Upper

101 100

85 42.1 37.6 56.4

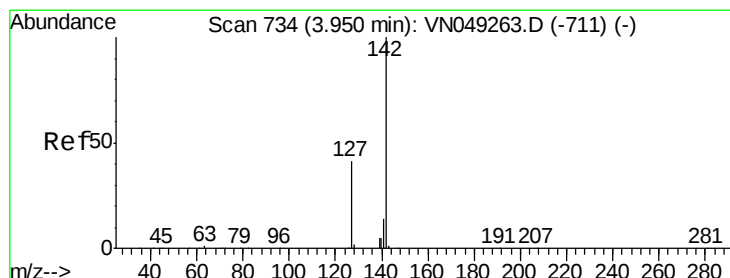
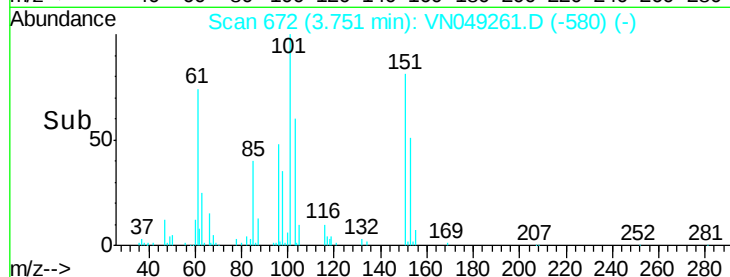
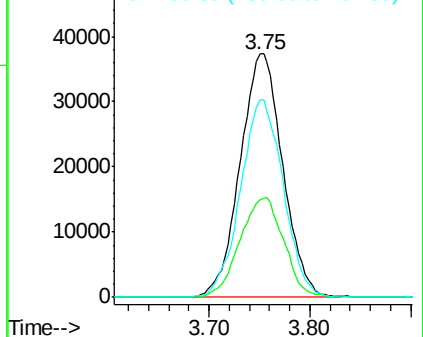
151 81.7 61.1 91.7



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: 4.100 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

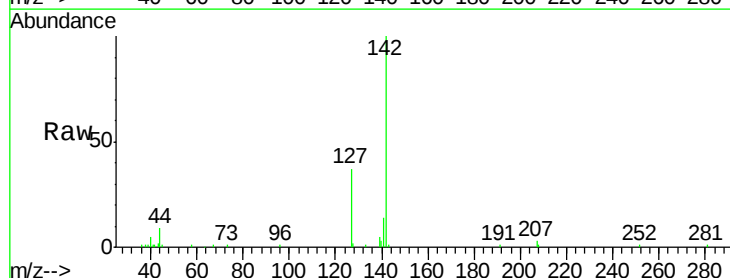
Tgt Ion:142 Resp: 81408

Ion Ratio Lower Upper

142 100

127 40.4 38.2 57.4

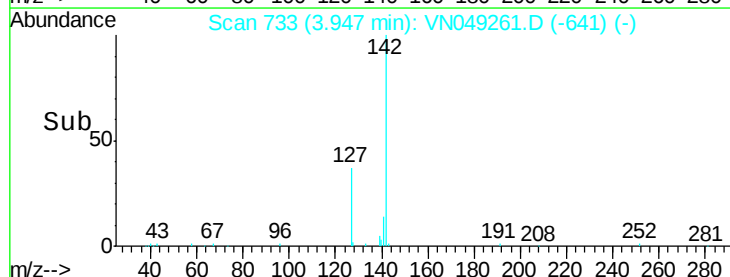
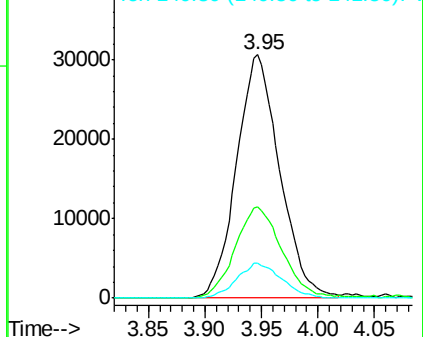
141 14.9 11.9 17.9

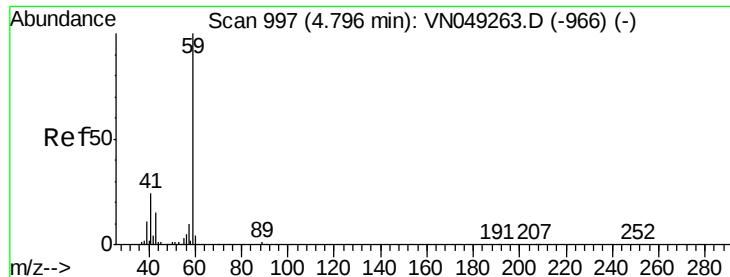


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

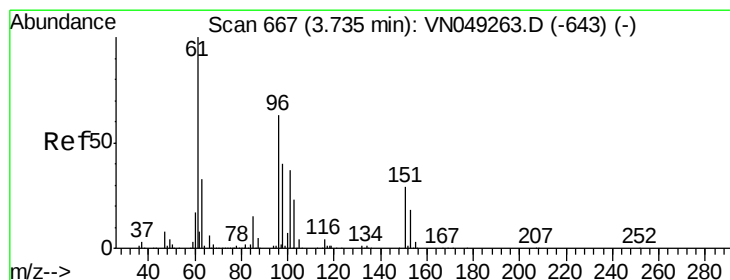
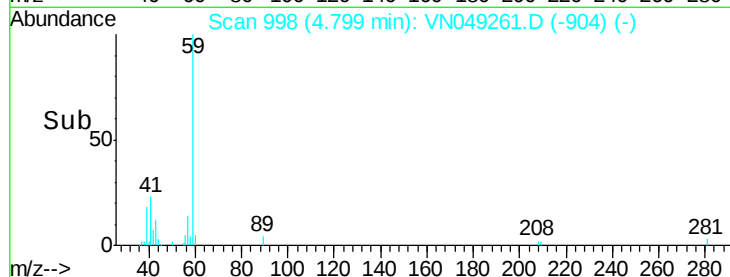
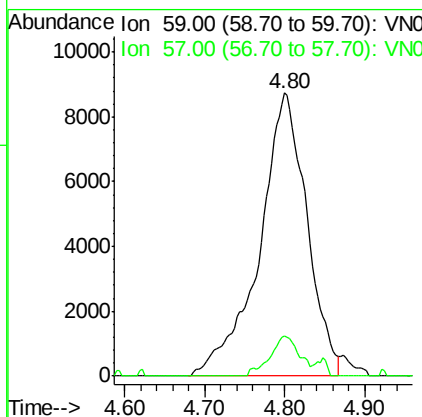
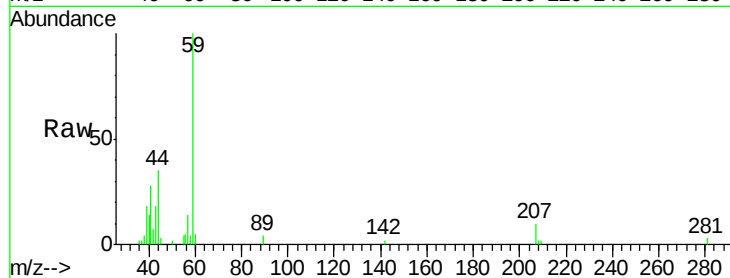




#11
Tert butyl alcohol
Concen: 27.525 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

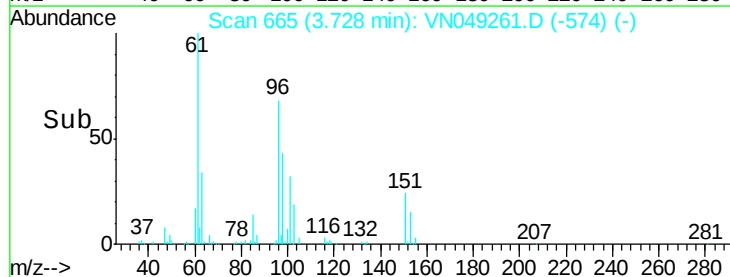
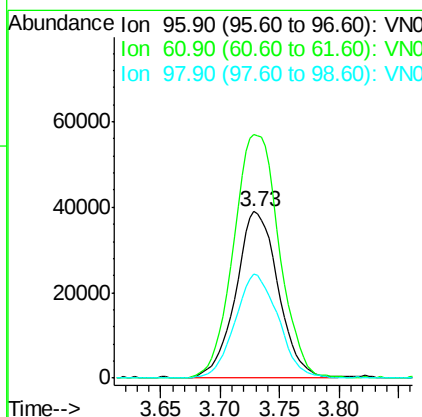
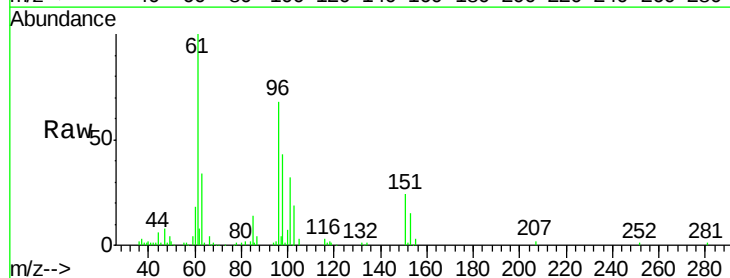
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

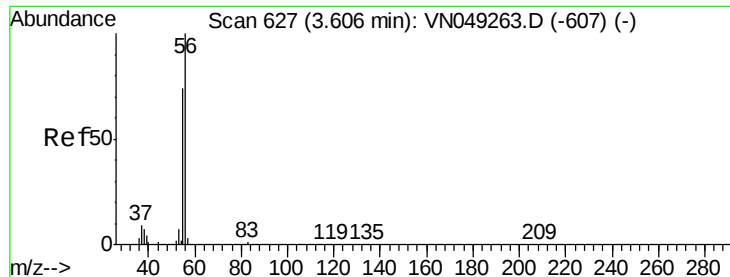
Tgt Ion: 59 Resp: 35967
Ion Ratio Lower Upper
59 100
57 8.8 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 5.206 ug/l
RT: 3.73 min Scan# 665
Delta R.T. -0.01 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 96 Resp: 96529
Ion Ratio Lower Upper
96 100
61 145.4 141.0 211.4
98 62.1 50.4 75.6





#13

Acrolein

Concen: 26.407 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

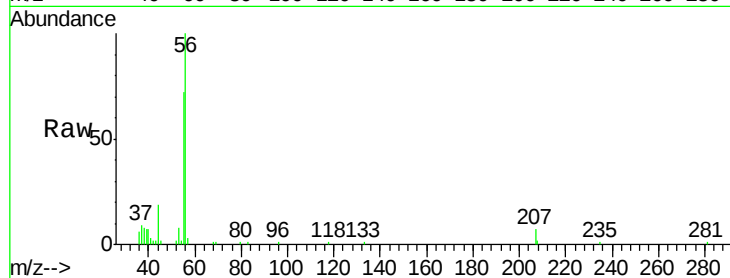
VSTDIC005

Tgt Ion: 56 Resp: 46982

Ion Ratio Lower Upper

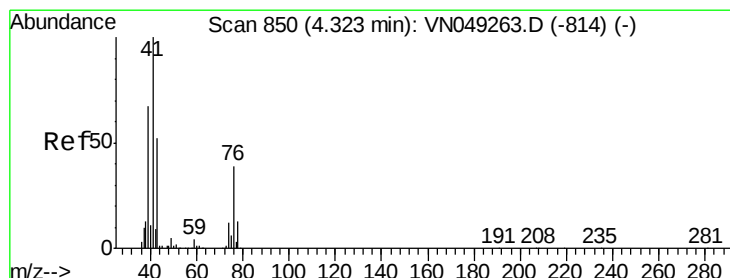
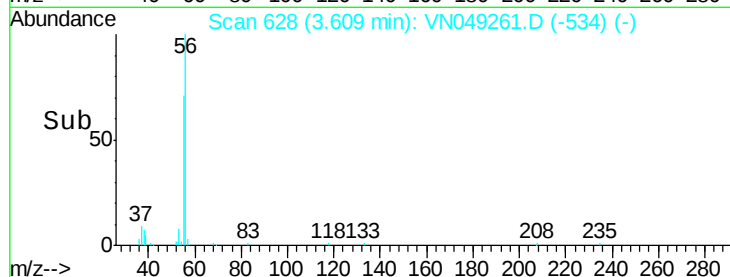
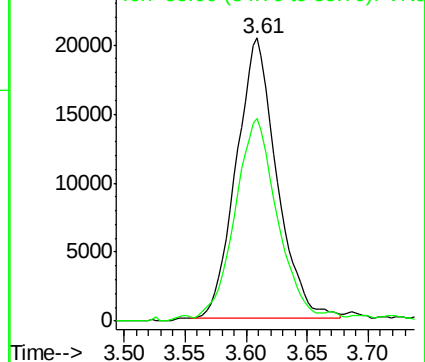
56 100

55 72.5 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: 4.266 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

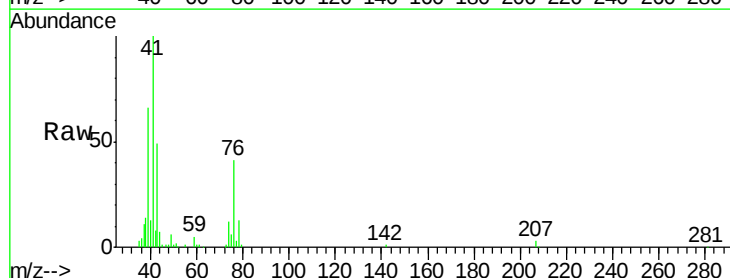
Tgt Ion: 41 Resp: 148570

Ion Ratio Lower Upper

41 100

39 64.4 62.5 93.7

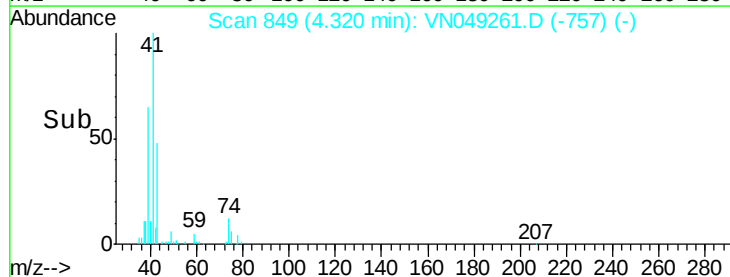
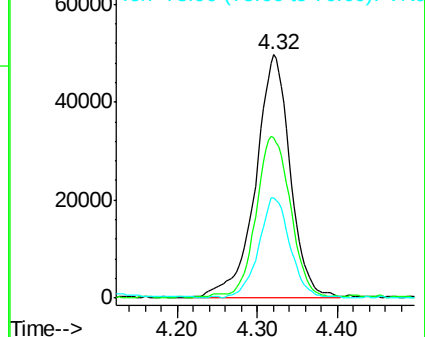
76 37.4 27.1 40.7

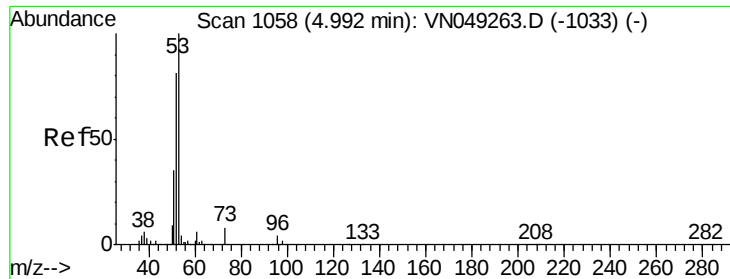


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

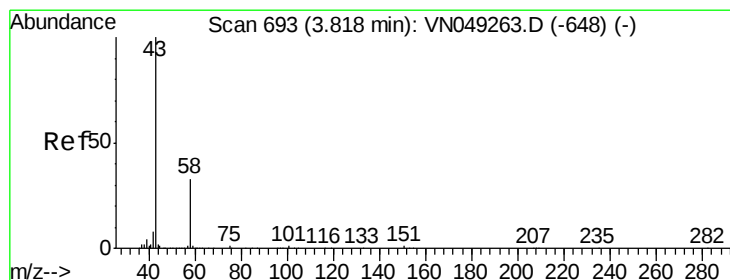
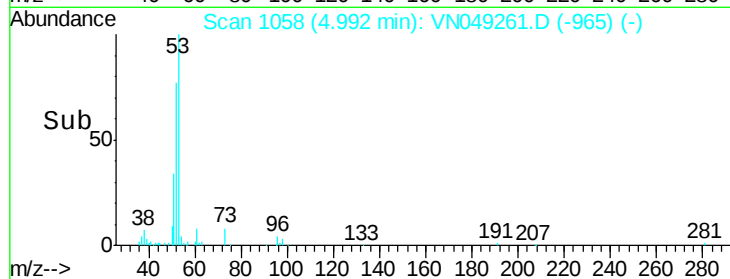
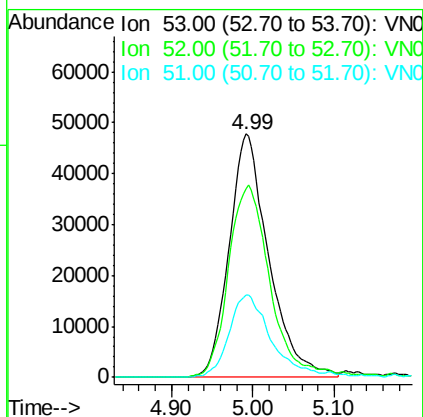
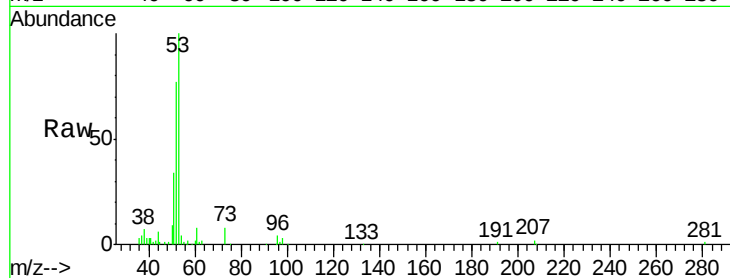




#15
Acrylonitrile
Concen: 23.017 ug/l
RT: 4.99 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

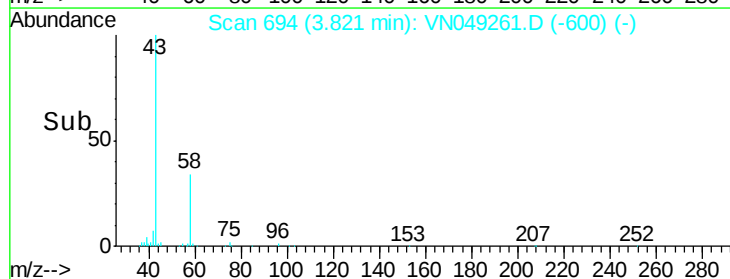
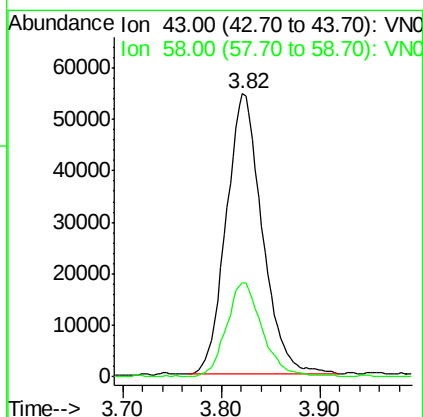
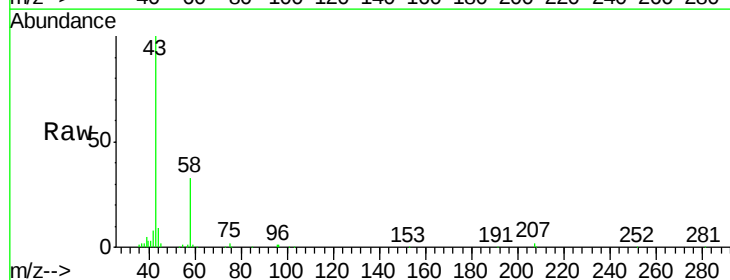
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

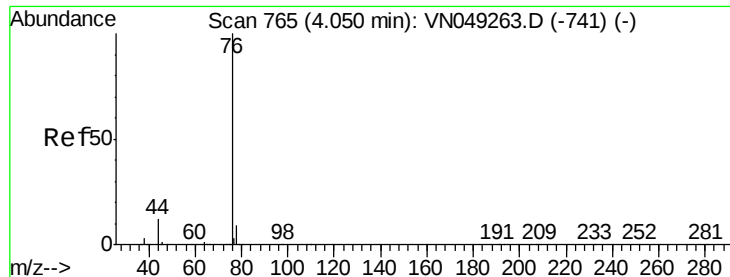
Tgt Ion: 53 Resp: 161886
Ion Ratio Lower Upper
53 100
52 82.1 66.6 100.0
51 35.5 29.8 44.8



#16
Acetone
Concen: 24.197 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 43 Resp: 138605
Ion Ratio Lower Upper
43 100
58 33.4 22.4 33.6

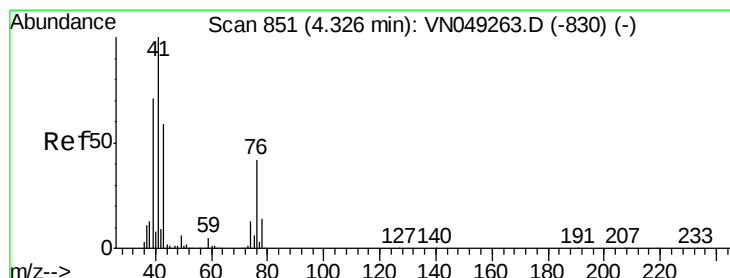
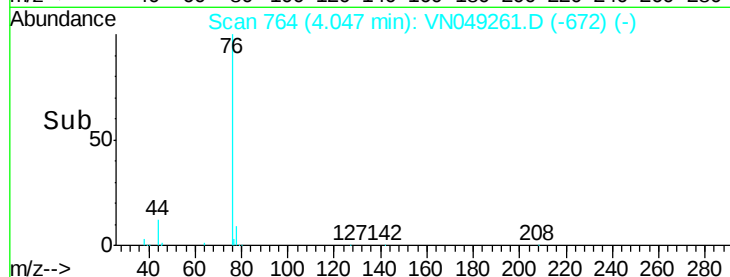
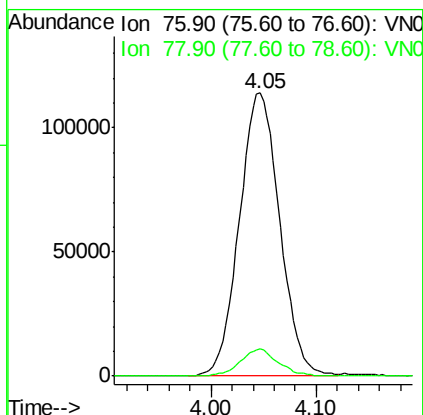
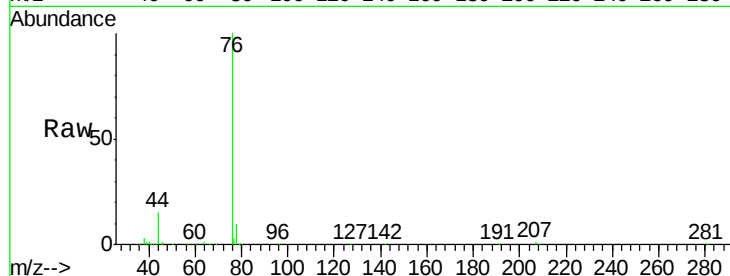




#17
Carbon Disulfide
Concen: 4.808 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

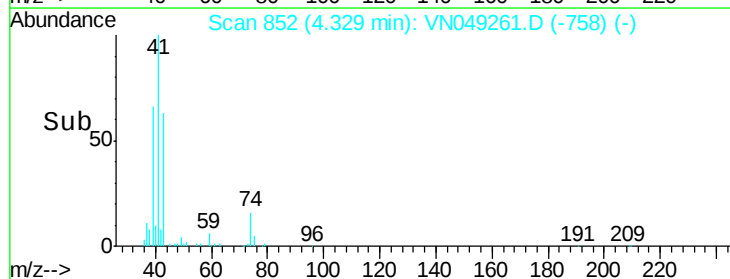
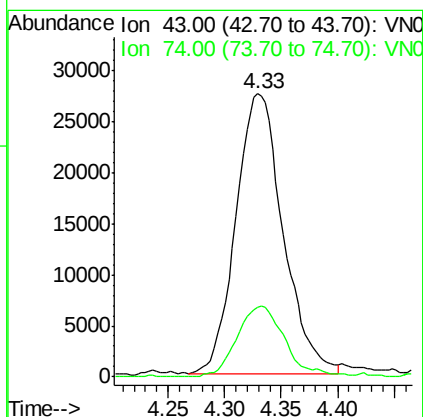
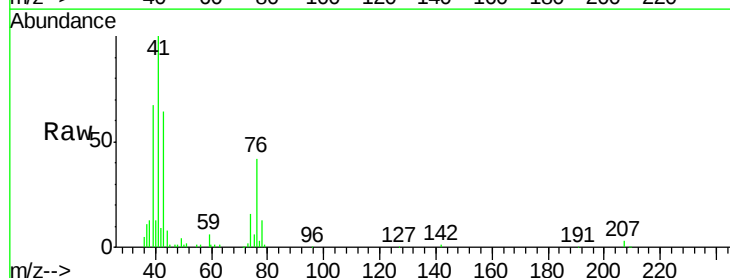
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

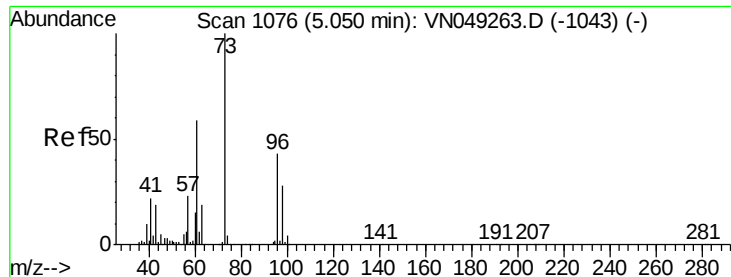
Tgt Ion: 76 Resp: 304152
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 3.293 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 43 Resp: 79343
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 4.563 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

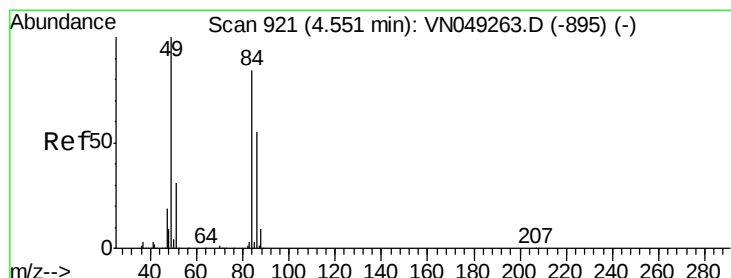
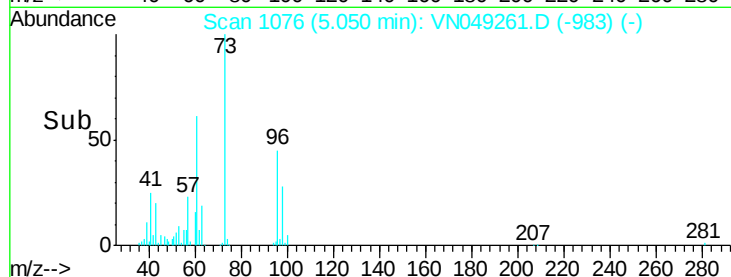
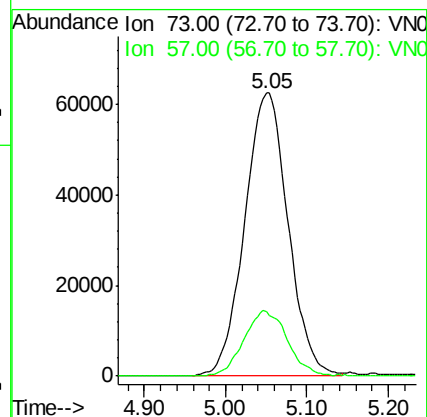
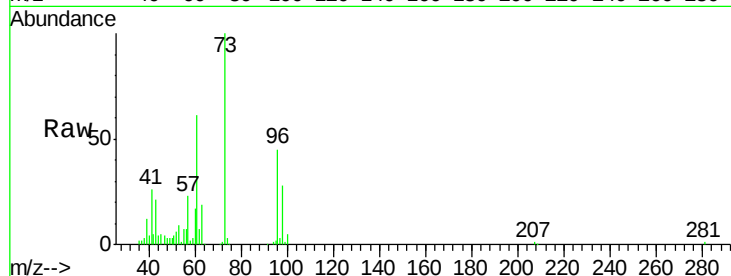
VSTDIC005

Tgt Ion: 73 Resp: 230539

Ion Ratio Lower Upper

73 100

57 22.7 18.2 27.4



#20

Methylene Chloride

Concen: 4.983 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Tgt Ion: 84 Resp: 115923

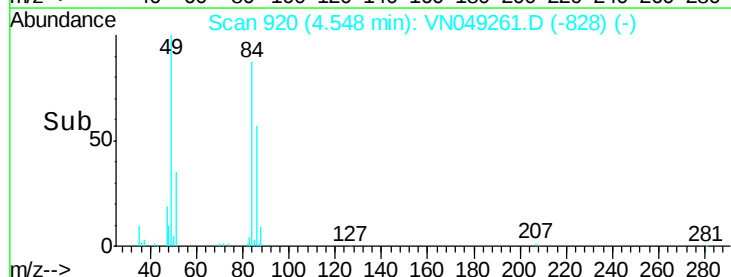
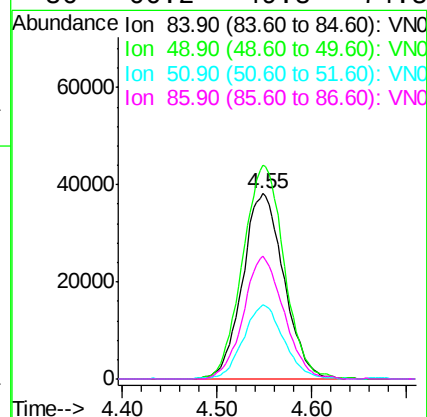
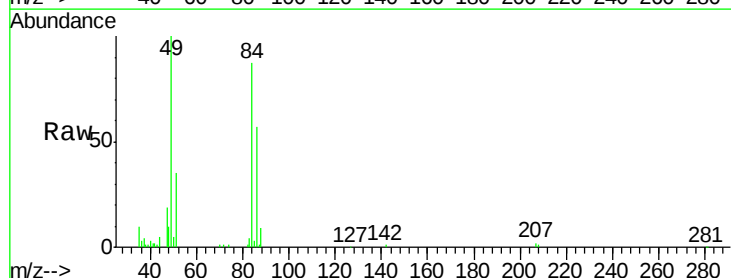
Ion Ratio Lower Upper

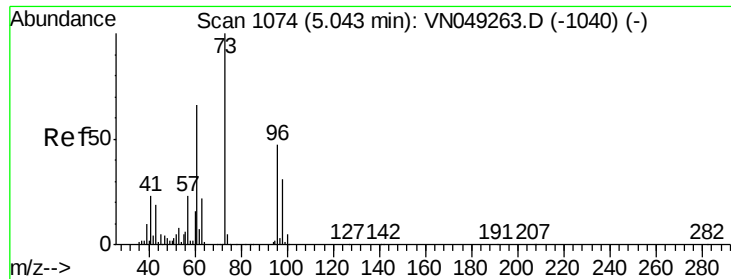
84 100

49 115.4 106.9 160.3

51 39.9 32.7 49.1

86 66.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 4.936 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

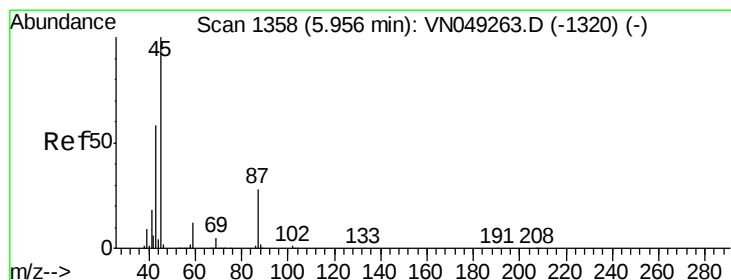
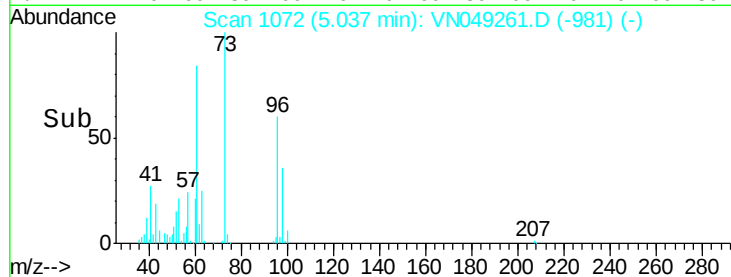
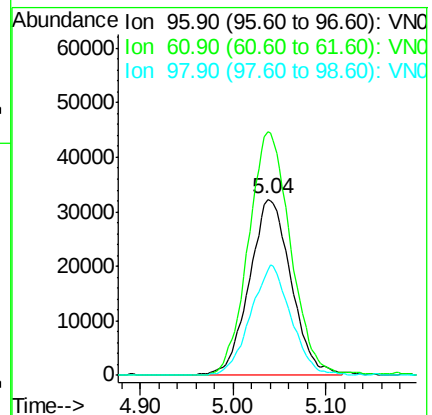
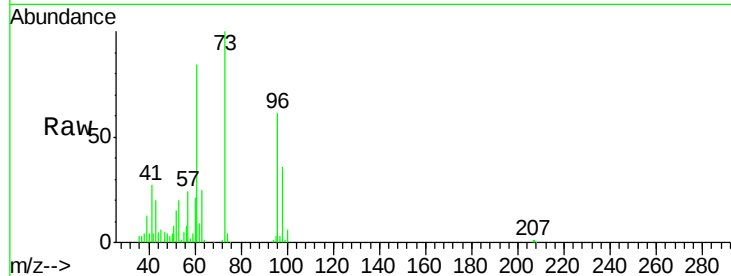
Tgt Ion: 96 Resp: 101477

Ion Ratio Lower Upper

96 100

61 138.4 121.3 181.9

98 59.7 52.0 78.0



#22

Diisopropyl ether

Concen: 4.197 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Tgt Ion: 45 Resp: 291750

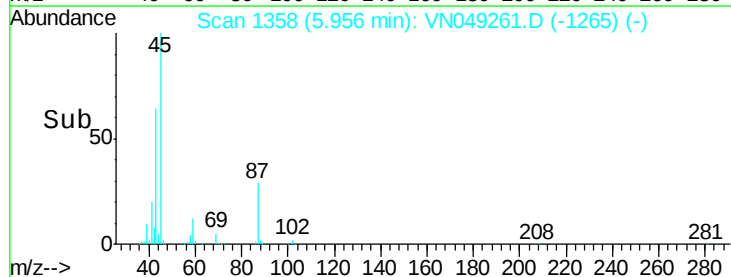
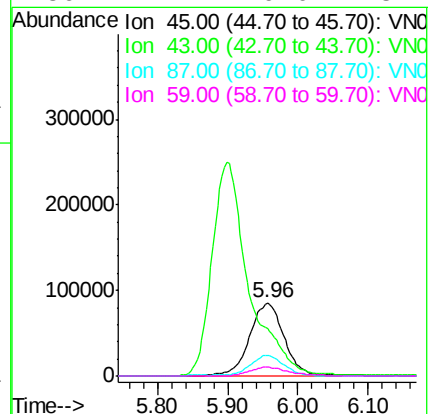
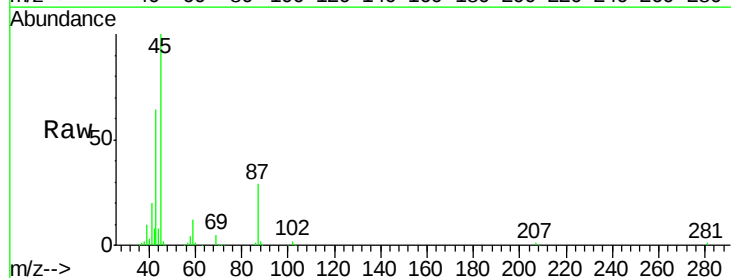
Ion Ratio Lower Upper

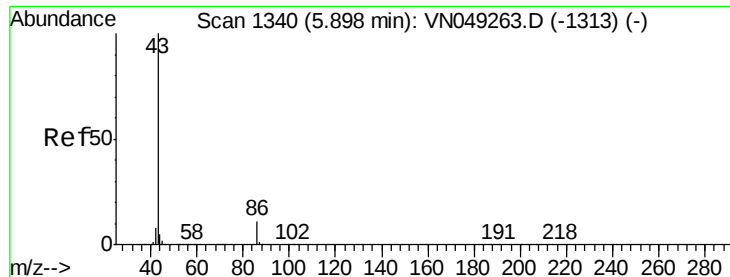
45 100

43 62.4 48.6 72.8

87 28.6 20.2 30.2

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 19.708 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampled :

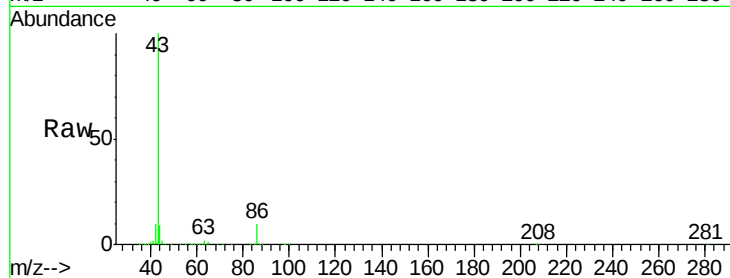
VSTDIC005

Tgt Ion: 43 Resp: 905520

Ion Ratio Lower Upper

43 100

86 10.3 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049261.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN049261.D (-1247) (-)

5.90

250000

200000

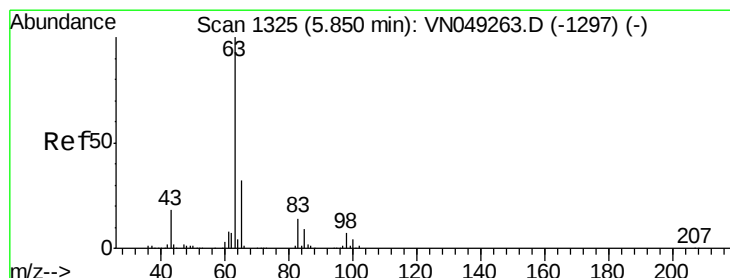
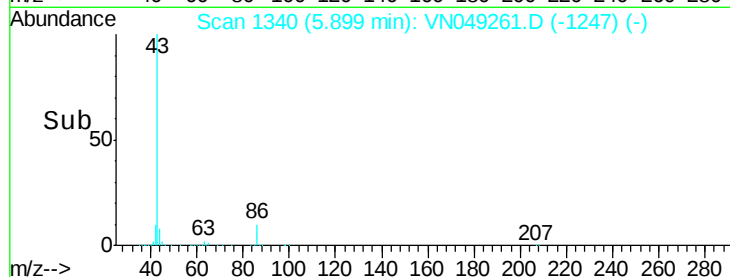
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 4.843 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

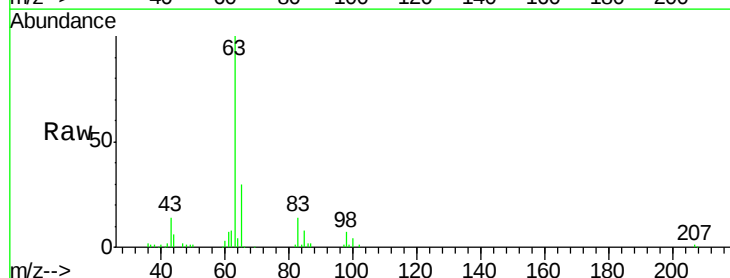
Tgt Ion: 63 Resp: 200594

Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

100 3.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049261.D (-1232) (-)

Ion 97.90 (97.60 to 98.60): VN049261.D (-1232) (-)

Ion 99.90 (99.60 to 100.60): VN049261.D (-1232) (-)

5.85

80000

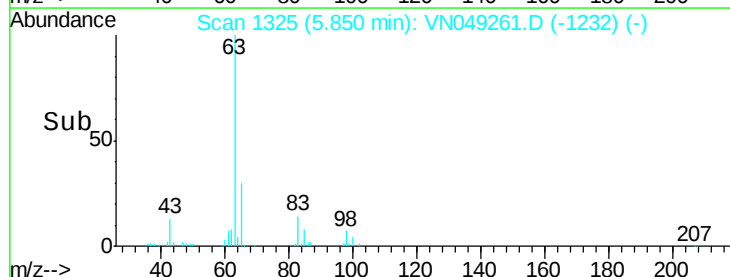
60000

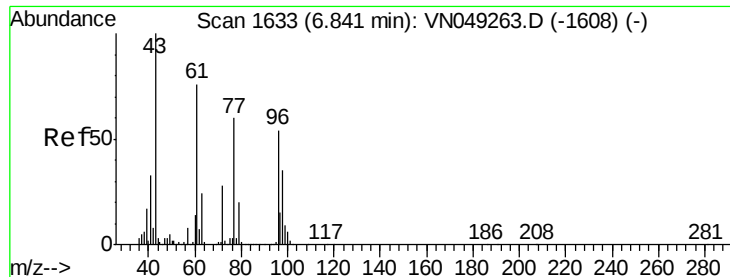
40000

20000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 21.610 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

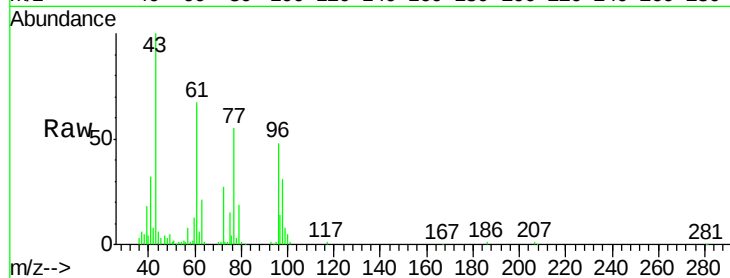
VSTDIC005

Tgt Ion: 43 Resp: 177248

Ion Ratio Lower Upper

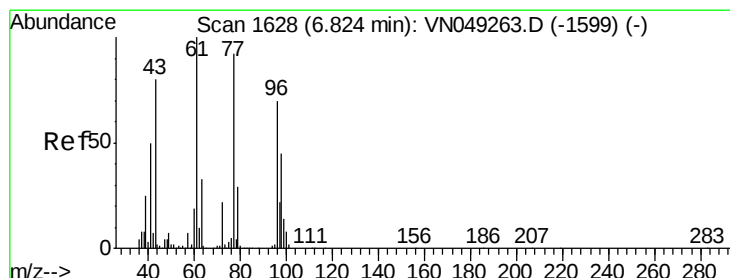
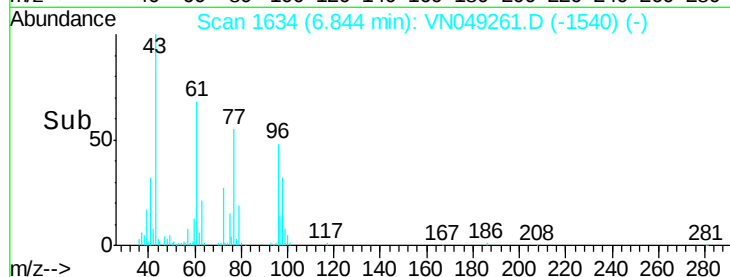
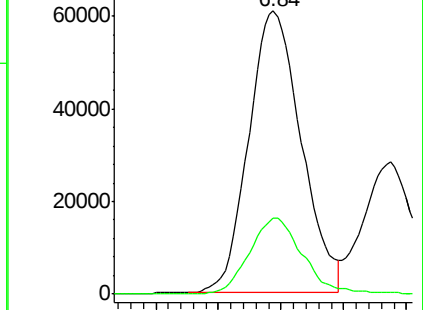
43 100

72 26.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049261.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049261.D (-1540) (-)



#26

2,2-Dichloropropane

Concen: 5.185 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN049261.D

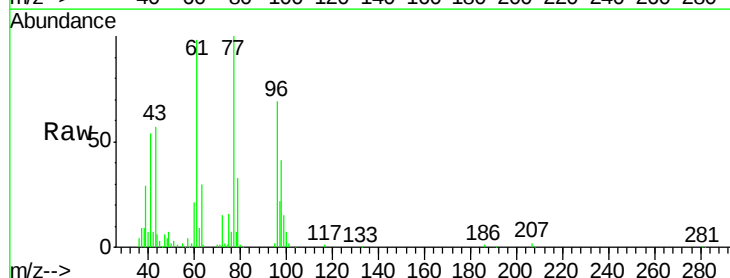
Acq: 15 Jun 2018 14:27

Tgt Ion: 77 Resp: 161036

Ion Ratio Lower Upper

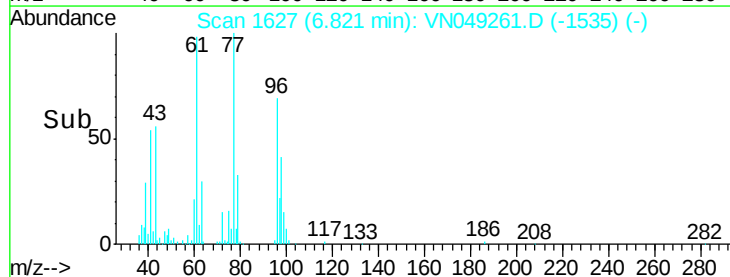
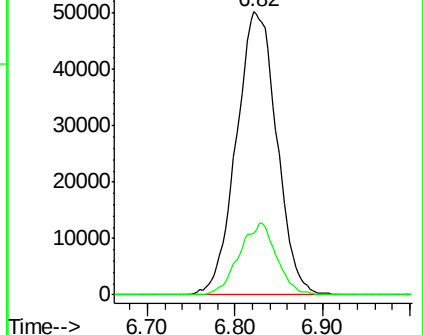
77 100

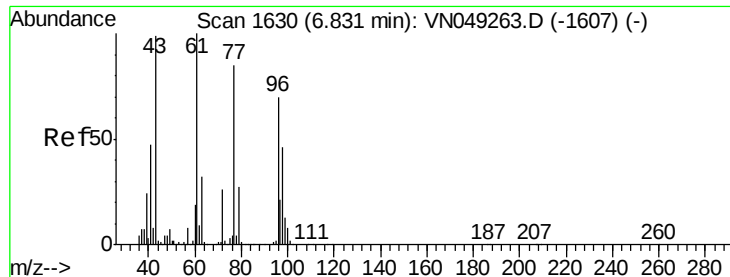
97 23.5 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN049261.D (-1535) (-)

Ion 96.90 (96.60 to 97.60): VN049261.D (-1535) (-)





#27

cis-1,2-Dichloroethene

Concen: 4.973 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

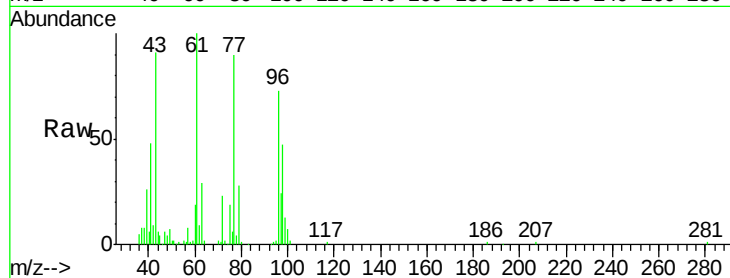
Tgt Ion: 96 Resp: 111323

Ion Ratio Lower Upper

96 100

61 145.5 0.0 316.4

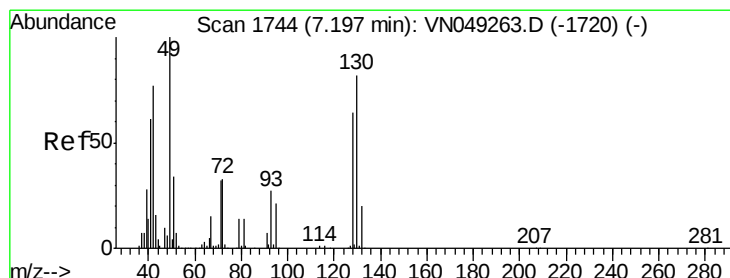
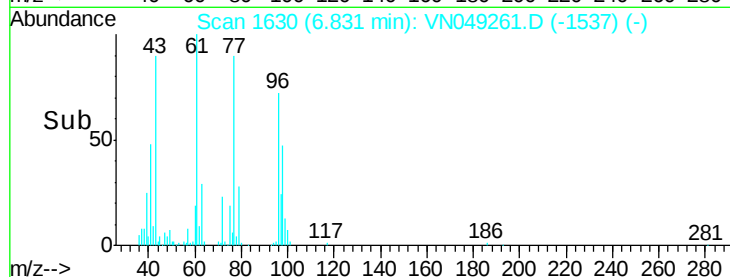
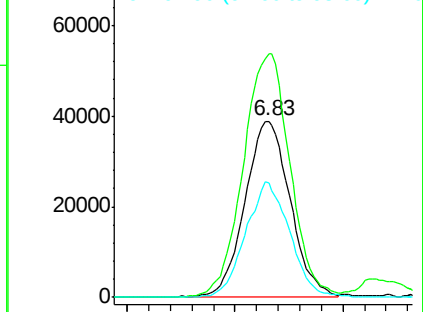
98 64.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049261.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN049261.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN049261.D (-1537) (-)



#28

Bromochloromethane

Concen: 4.111 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

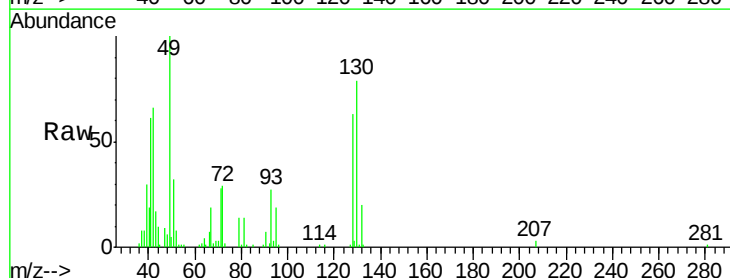
Tgt Ion: 49 Resp: 80816

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

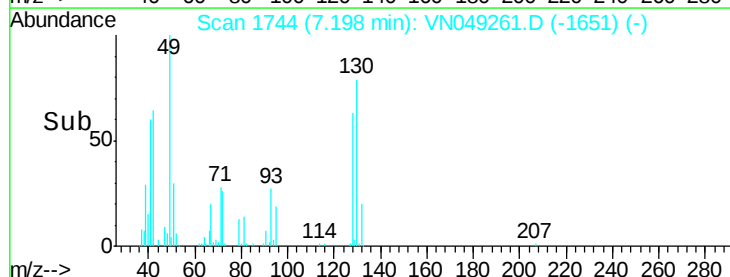
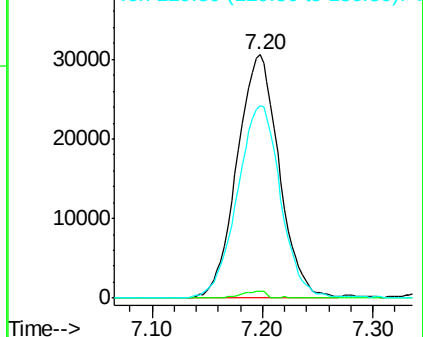
130 80.9 54.9 82.3

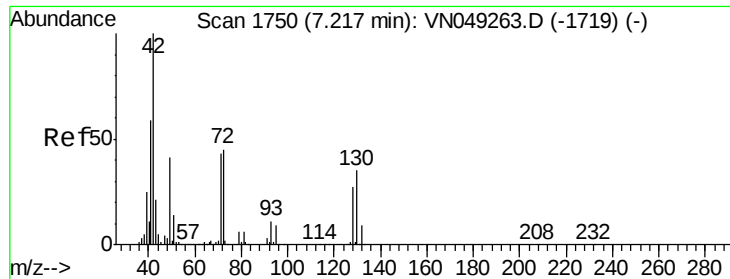


Abundance Ion 48.90 (48.60 to 49.60): VN049261.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN049261.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049261.D (-1651) (-)

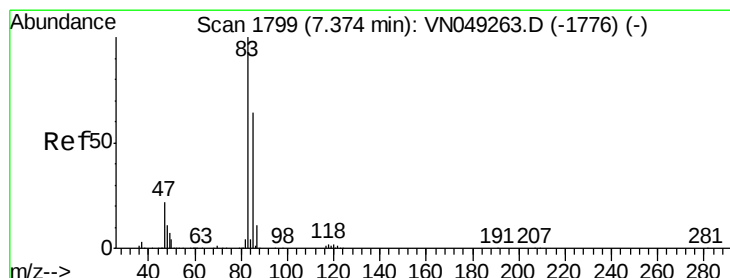
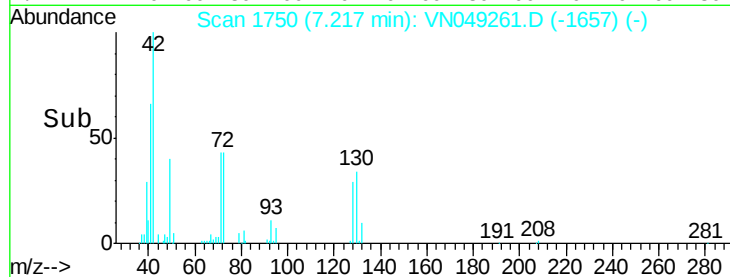
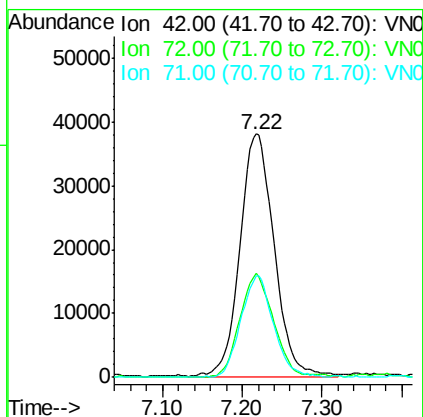
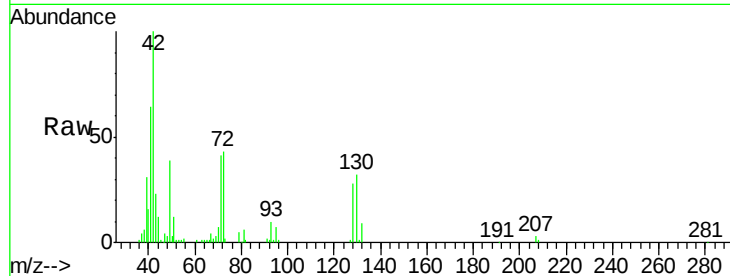




#29
Tetrahydrofuran
Concen: 21.130 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

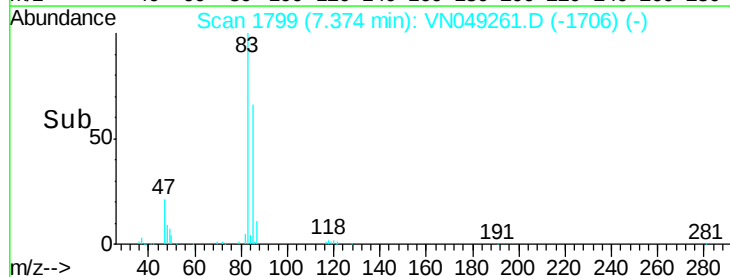
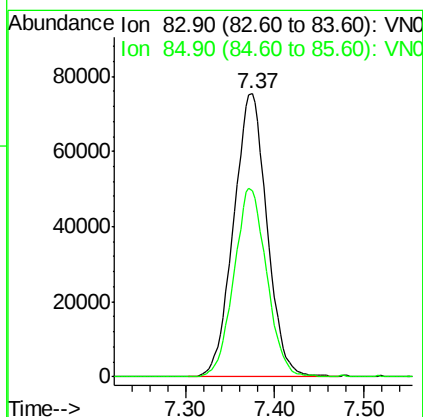
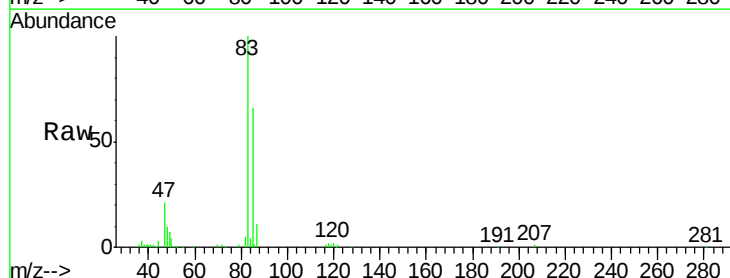
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

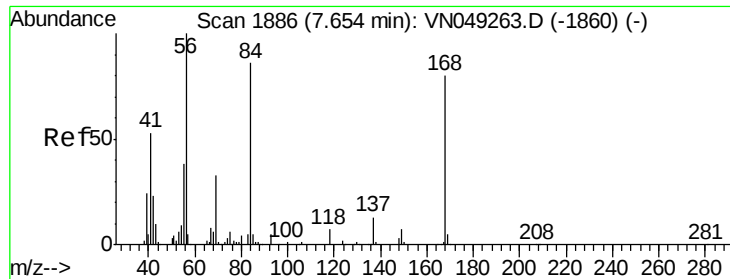
Tgt Ion: 42 Resp: 111496
Ion Ratio Lower Upper
42 100
72 41.1 32.2 48.4
71 39.3 30.5 45.7



#30
Chloroform
Concen: 4.922 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 83 Resp: 195905
Ion Ratio Lower Upper
83 100
85 65.8 51.7 77.5

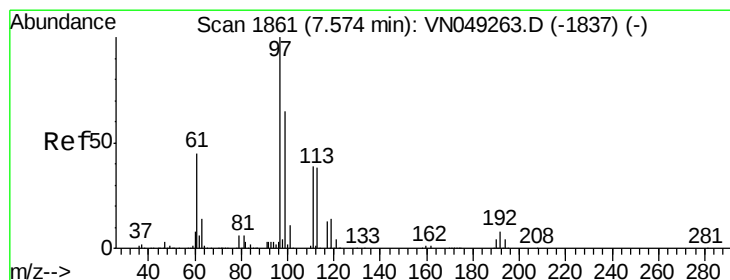
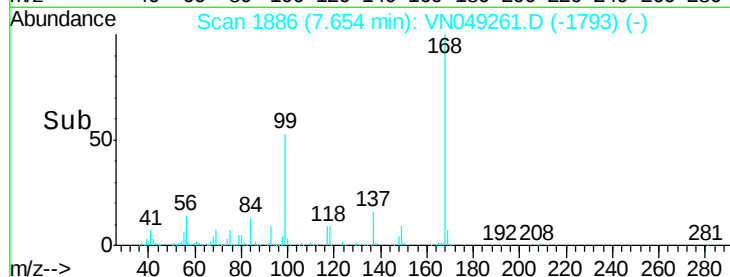
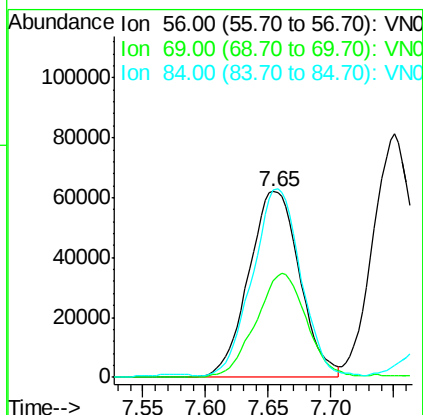
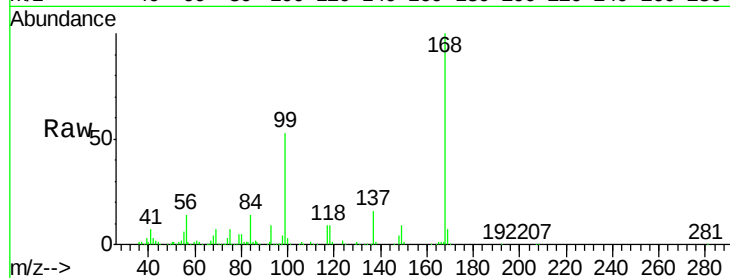




#31
Cyclohexane
Concen: 4.255 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

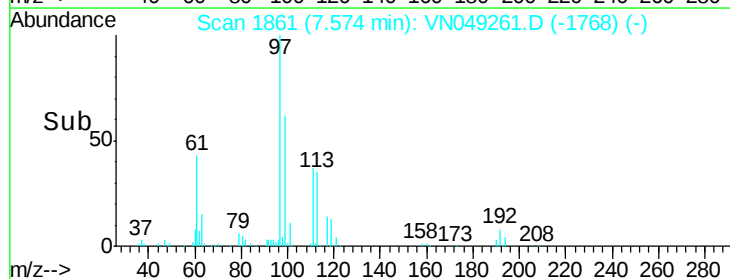
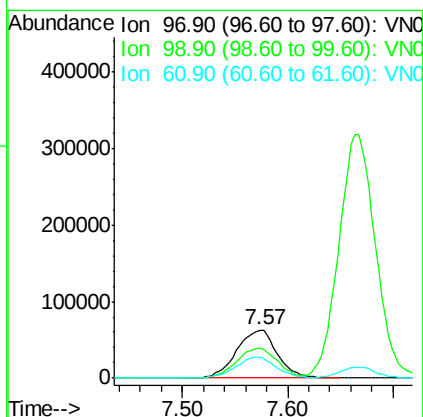
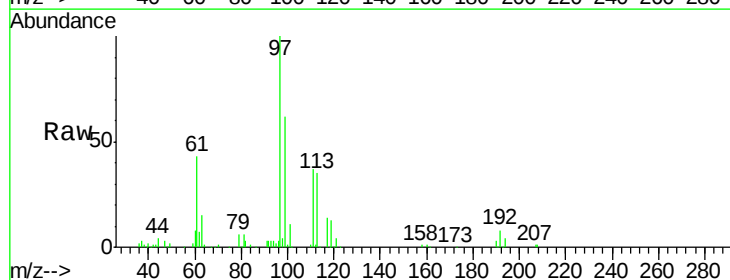
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

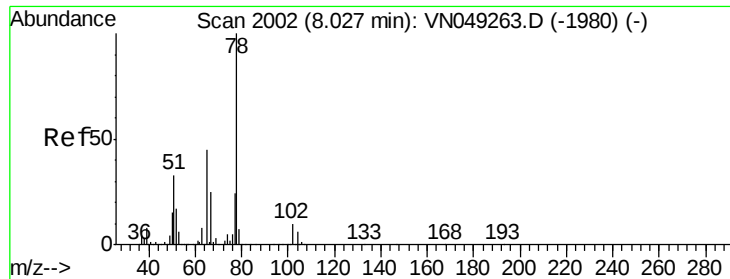
Tgt Ion: 56 Resp: 176061
Ion Ratio Lower Upper
56 100
69 51.7 25.0 37.4#
84 99.7 64.6 96.8#



#32
1,1,1-Trichloroethane
Concen: 4.887 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 97 Resp: 167525
Ion Ratio Lower Upper
97 100
99 63.5 50.5 75.7
61 43.8 37.9 56.9

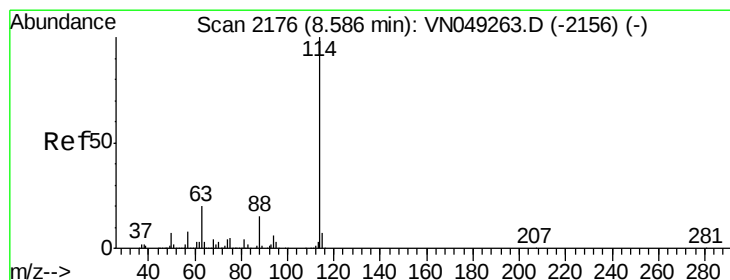
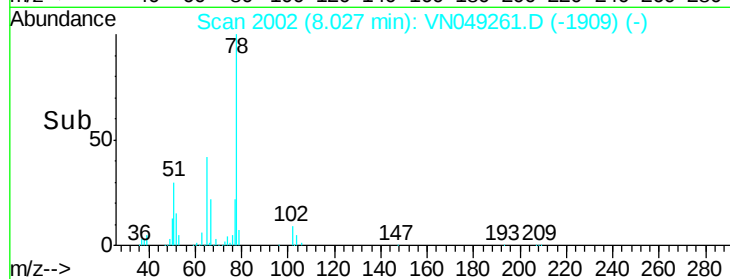
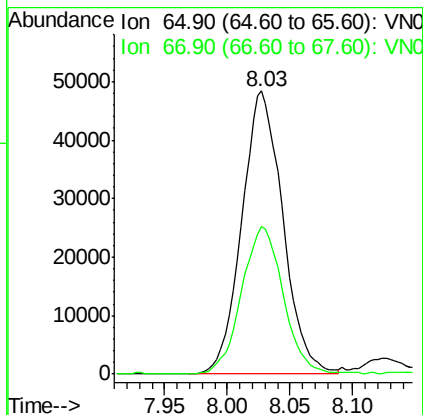
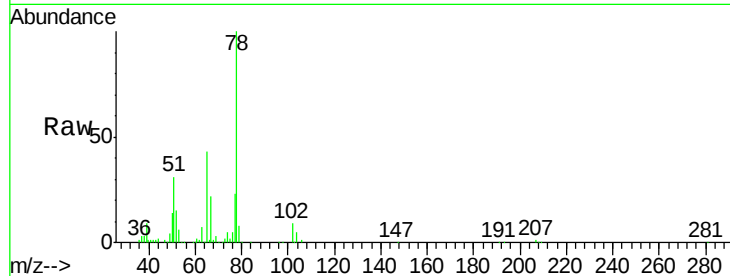




#33
 1,2-Dichloroethane-d4
 Concen: 4.597 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

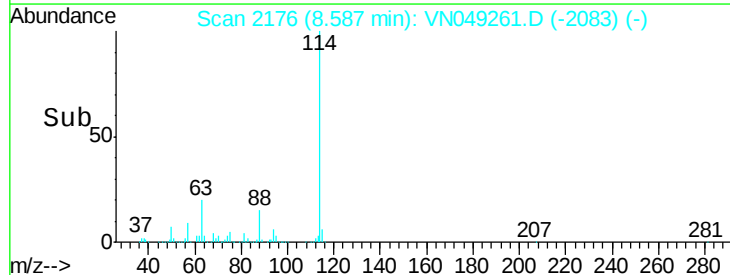
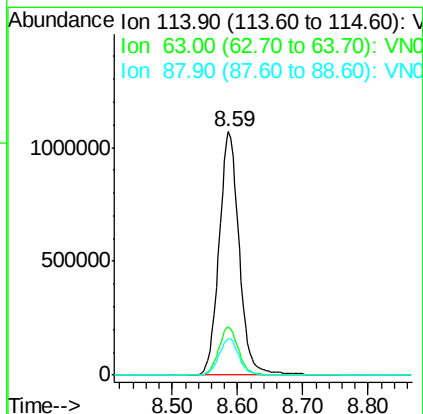
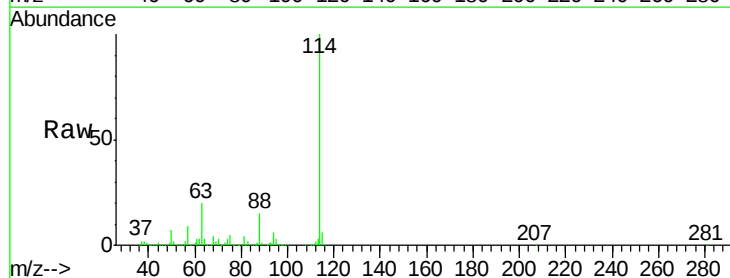
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

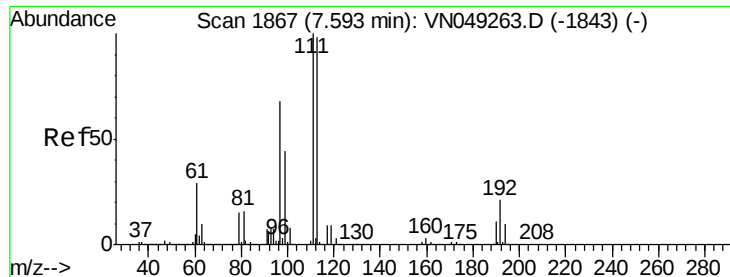
Tgt Ion: 65 Resp: 110196
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion: 114 Resp: 2291128
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.0 0.0 31.4

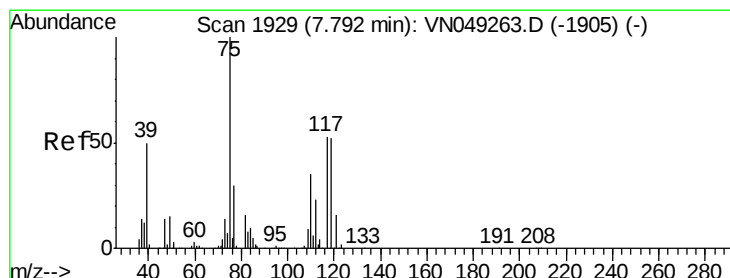
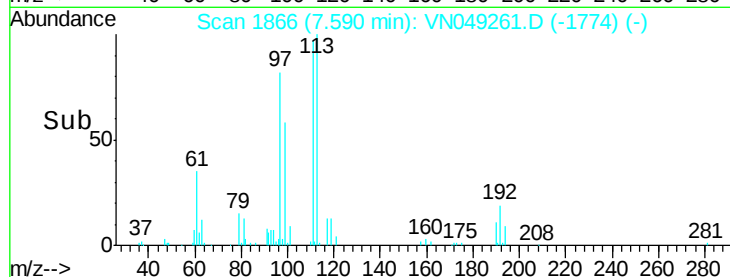
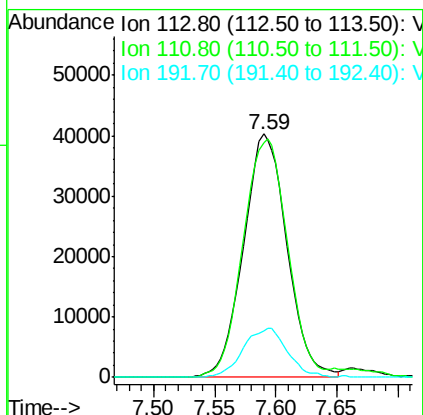
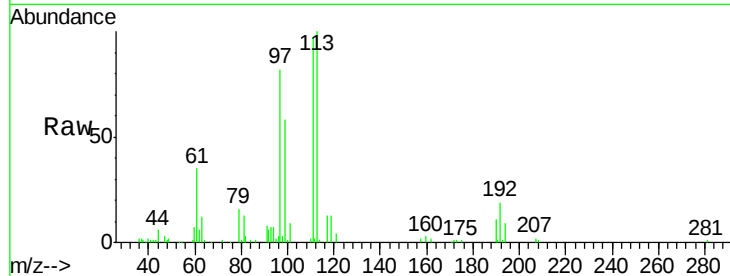




#35
 Dibromofluoromethane
 Concen: 5.239 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

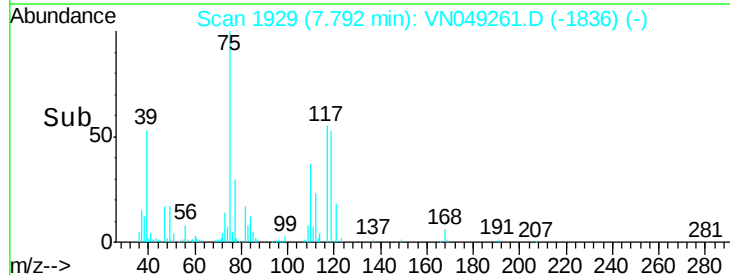
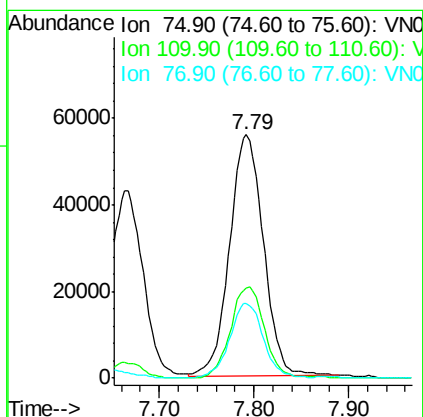
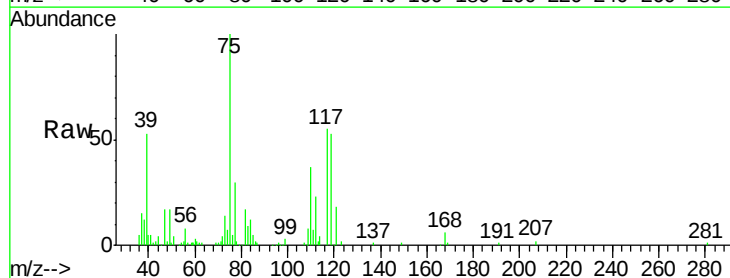
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

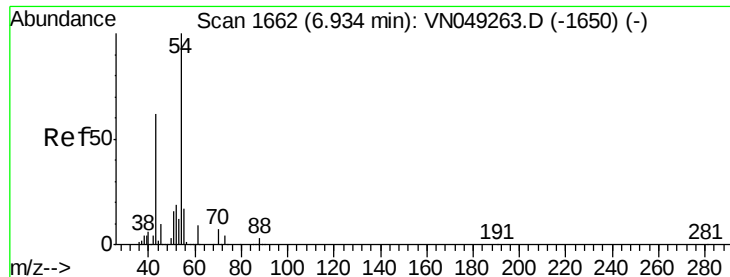
Tgt Ion:113 Resp: 99357
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.4 123.6
 192 20.4 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 4.848 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion: 75 Resp: 138779
 Ion Ratio Lower Upper
 75 100
 110 37.7 17.0 50.9
 77 29.8 24.4 36.6

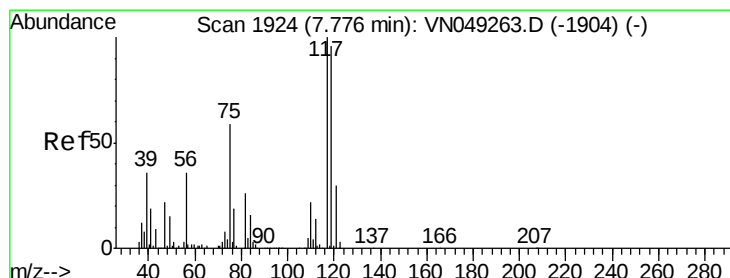
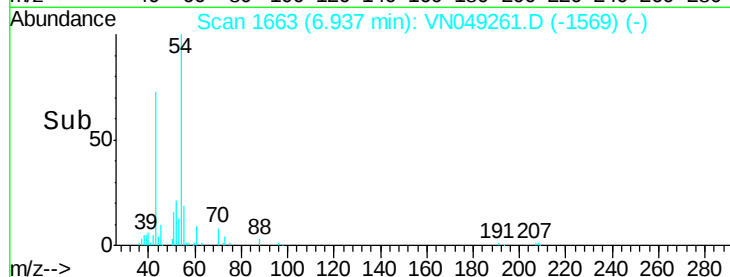
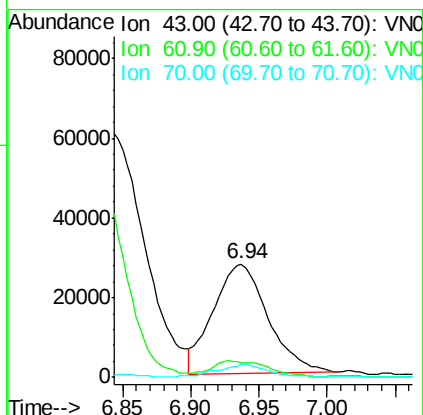
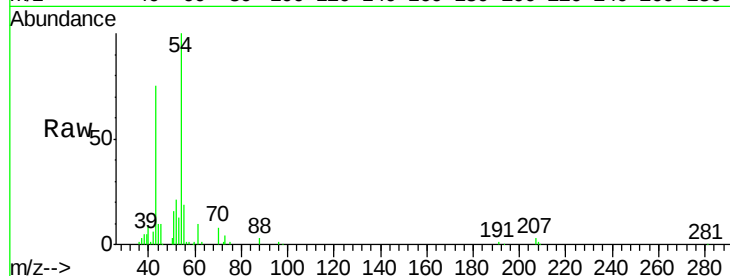




#37
Ethyl Acetate
Concen: 4.217 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

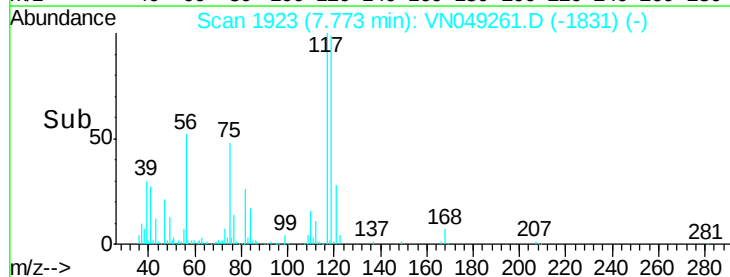
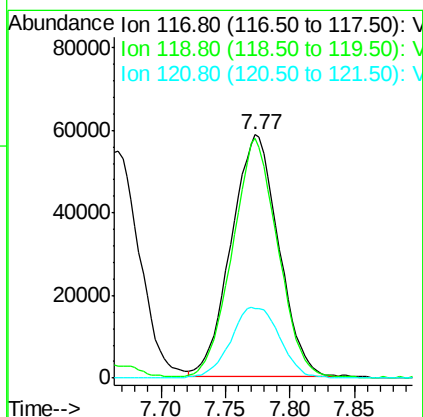
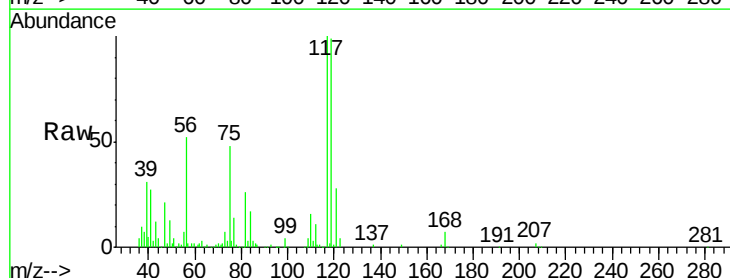
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

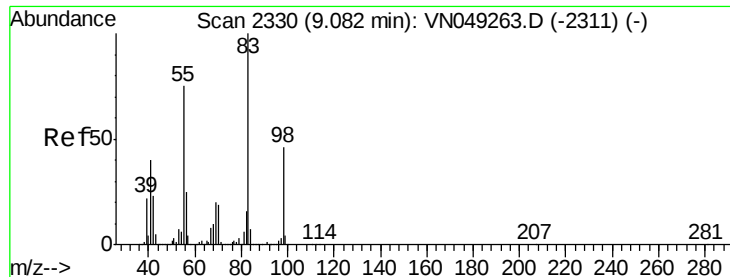
Tgt Ion: 43 Resp: 76209
Ion Ratio Lower Upper
43 100
61 15.0 11.0 16.4
70 11.2 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 5.207 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 117 Resp: 150162
Ion Ratio Lower Upper
117 100
119 98.7 75.6 113.4
121 28.2 24.7 37.1

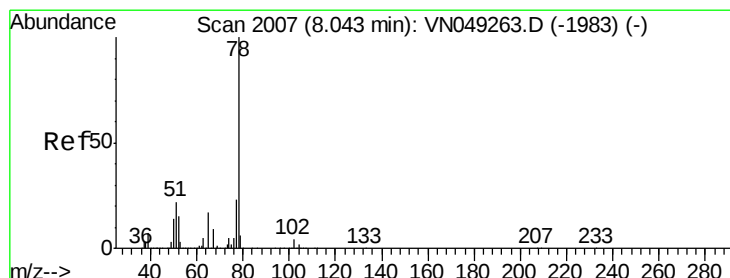
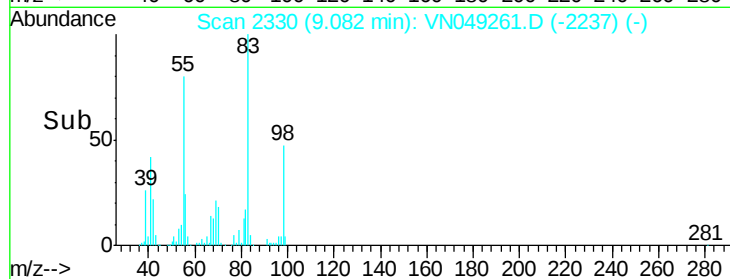
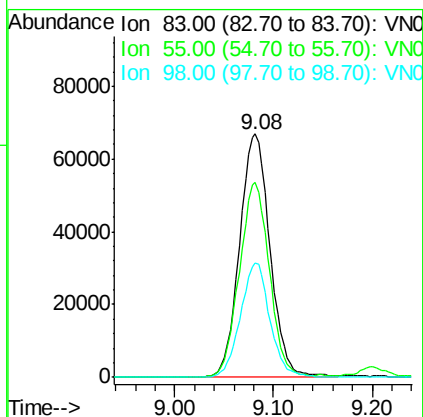
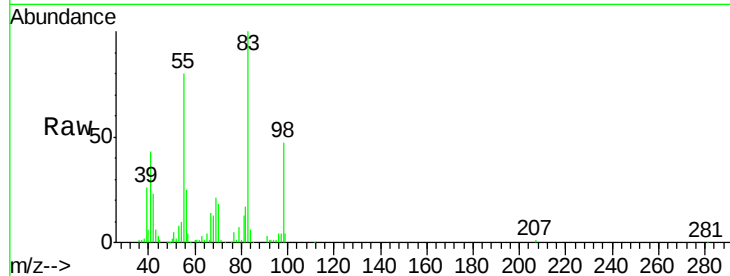




#39
Methylcyclohexane
Concen: 4.840 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

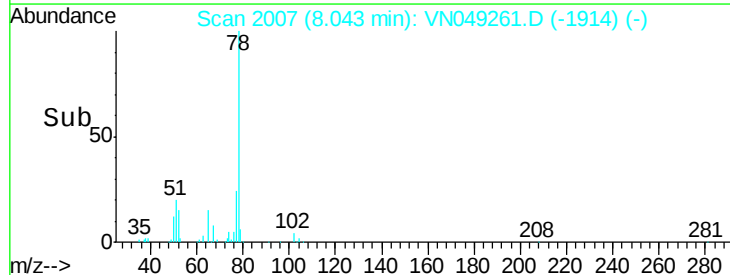
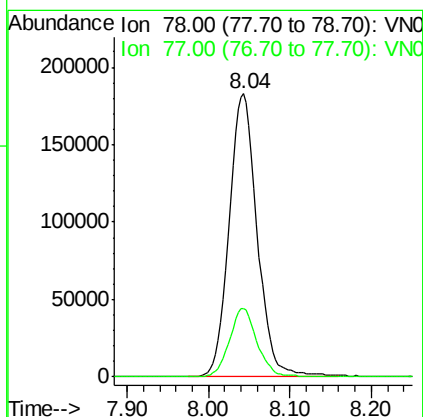
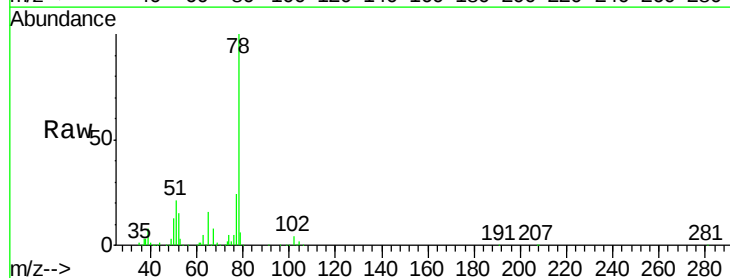
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

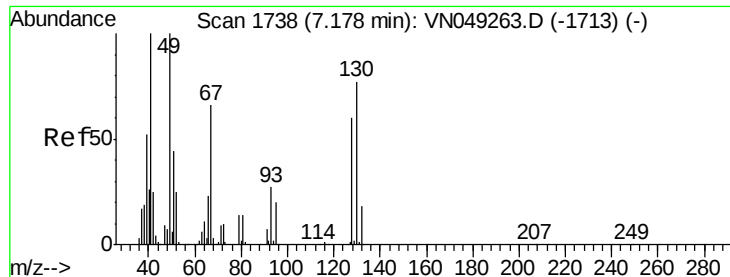
Tgt Ion: 83 Resp: 143111
Ion Ratio Lower Upper
83 100
55 79.8 65.1 97.7
98 47.2 36.5 54.7



#40
Benzene
Concen: 5.097 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 78 Resp: 442071
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41

Methacrylonitrile

Concen: 3.277 ug/l

RT: 7.18 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 33503

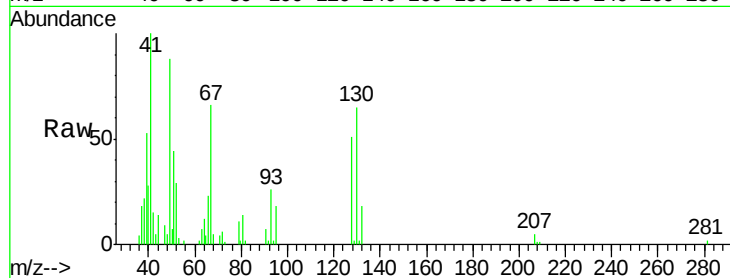
Ion Ratio Lower Upper

41 100

39 59.5 0.0 0.0#

67 105.0 0.0 0.0#

52 43.0 0.0 0.0#

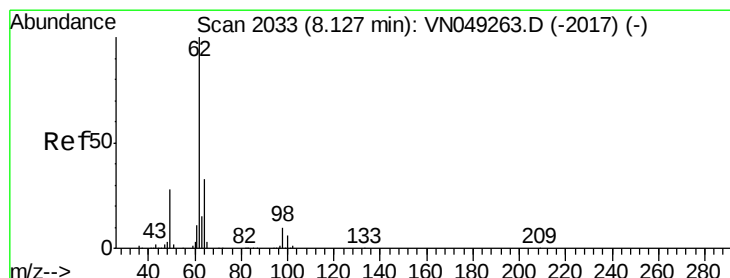
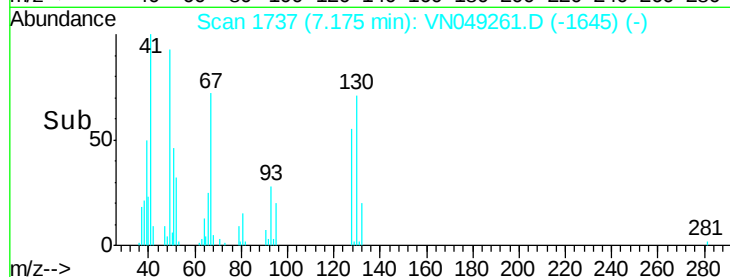
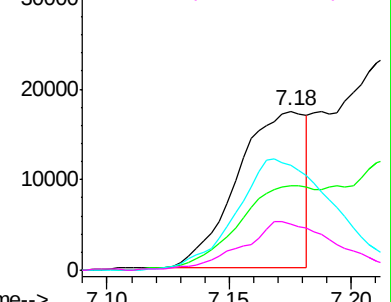


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 4.821 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN049261.D

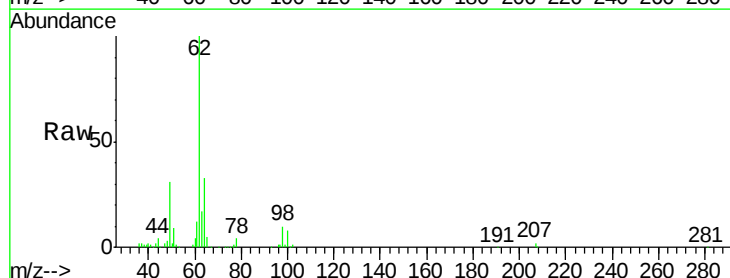
Acq: 15 Jun 2018 14:27

Tgt Ion: 62 Resp: 137991

Ion Ratio Lower Upper

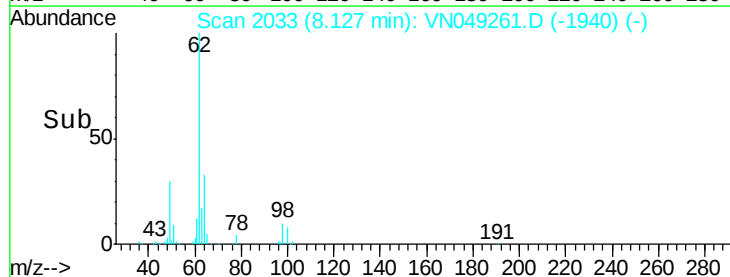
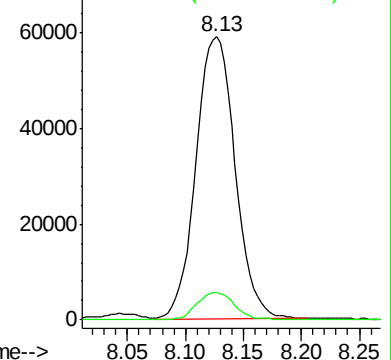
62 100

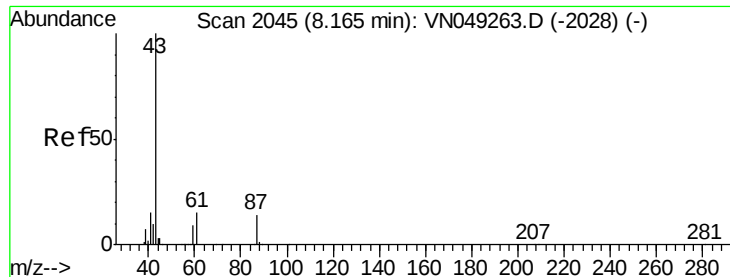
98 9.4 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 4.472 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

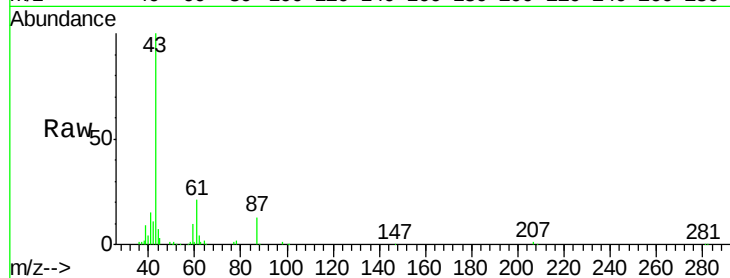
Tgt Ion: 43 Resp: 148586

Ion Ratio Lower Upper

43 100

61 19.3 14.2 21.4

87 12.8 9.4 14.0

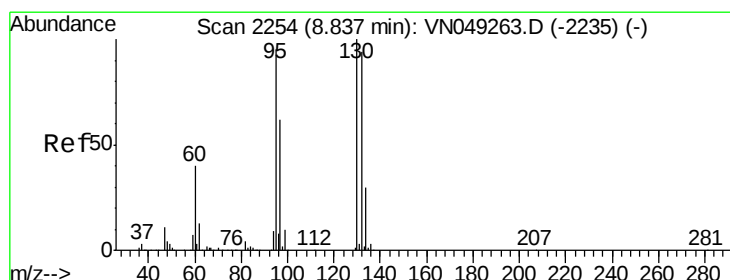
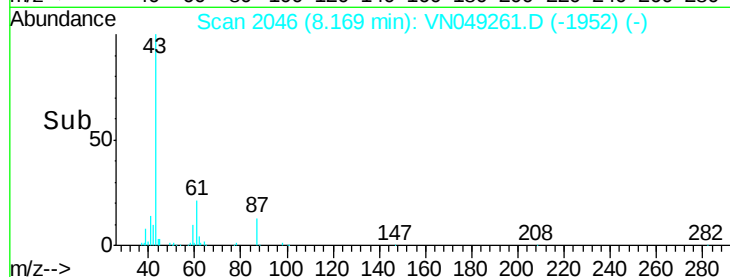


Abundance Ion 43.00 (42.70 to 43.70): VN049261.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049261.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049261.D (-1952) (-)

Time-->



#44

Trichloroethene

Concen: 5.503 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049261.D

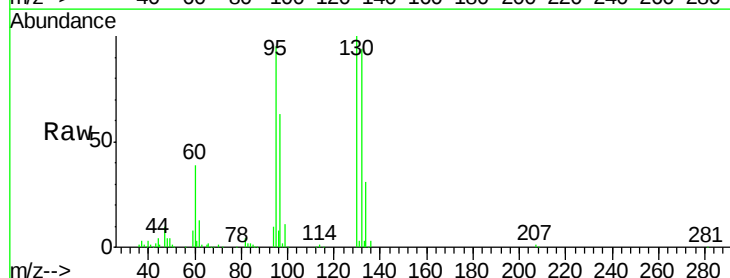
Acq: 15 Jun 2018 14:27

Tgt Ion: 130 Resp: 119180

Ion Ratio Lower Upper

130 100

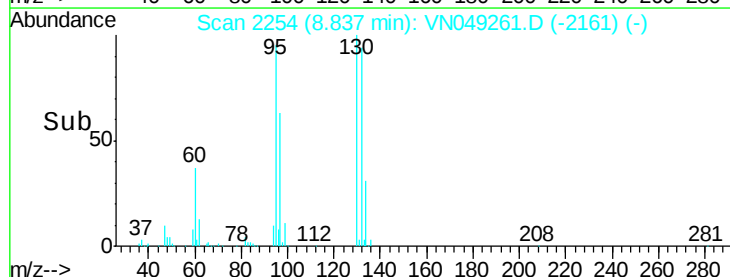
95 94.7 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049261.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049261.D (-2161) (-)

Time-->

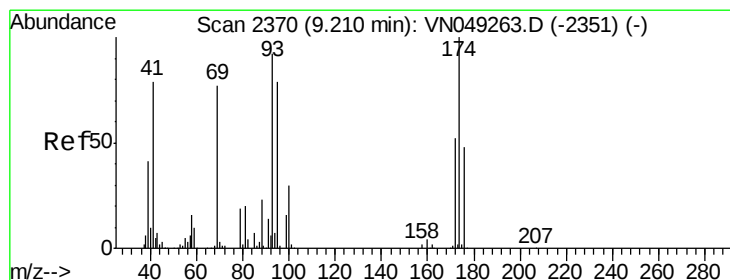
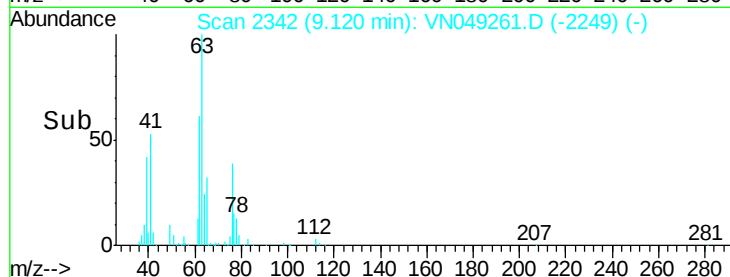
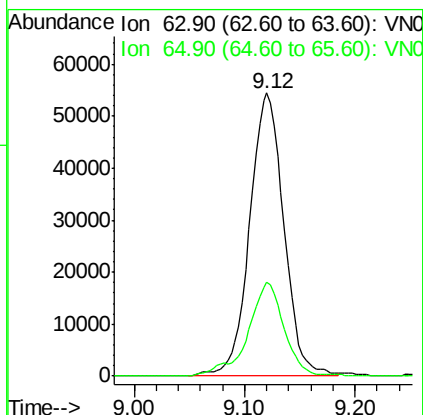
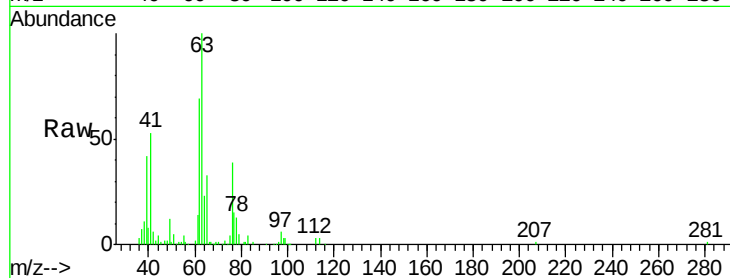




#45
1,2-Dichloropropane
Concen: 4.903 ug/l
RT: 9.12 min Scan# 2342
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

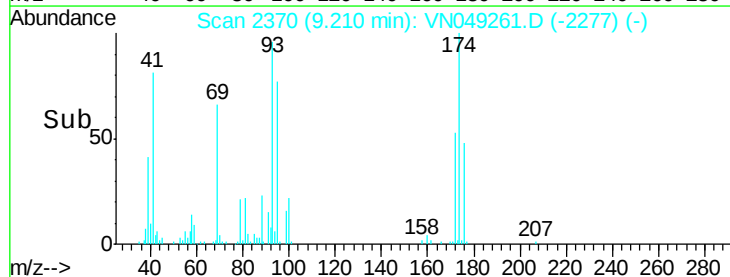
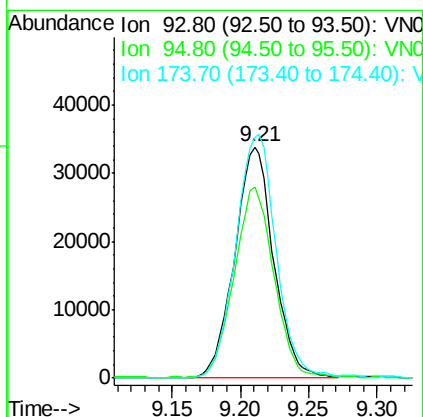
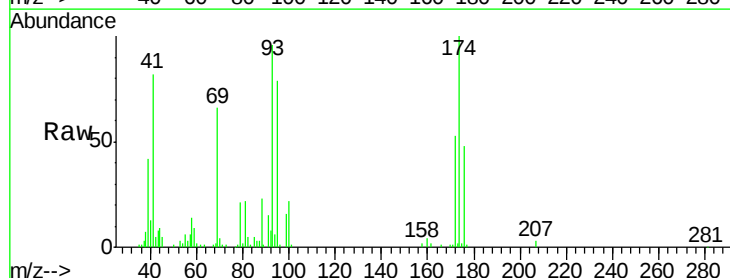
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

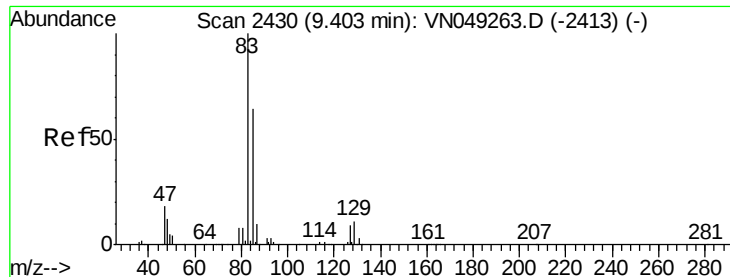
Tgt Ion: 63 Resp: 116959
Ion Ratio Lower Upper
63 100
65 33.1 24.8 37.2



#46
Dibromomethane
Concen: 5.107 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 93 Resp: 67300
Ion Ratio Lower Upper
93 100
95 84.3 67.2 100.8
174 108.8 75.6 113.4





#47

Bromodichloromethane

Concen: 4.910 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

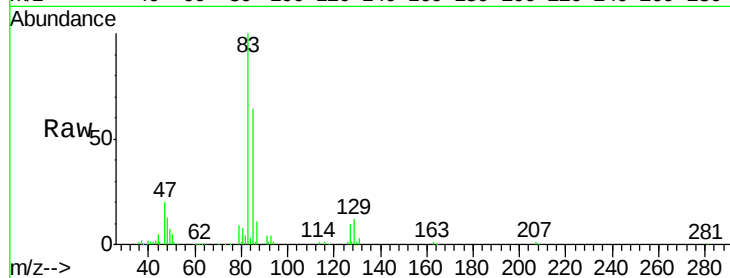
Tgt Ion: 83 Resp: 145750

Ion Ratio Lower Upper

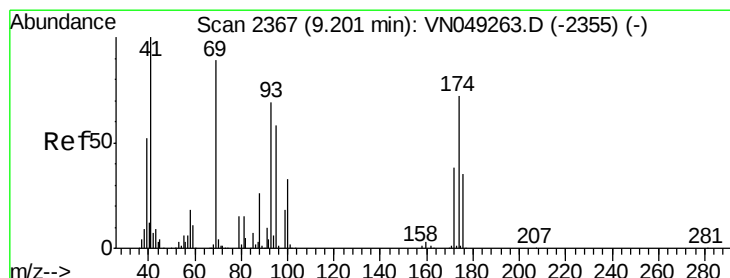
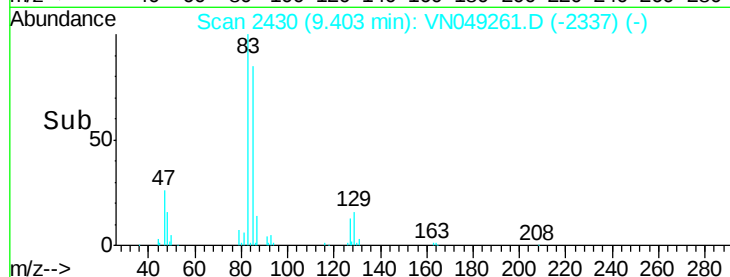
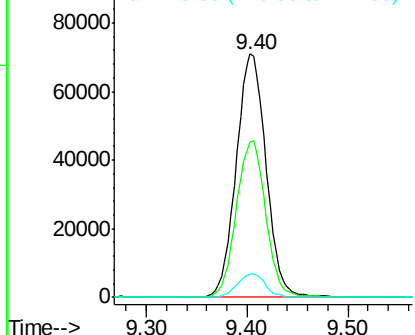
83 100

85 63.9 49.4 74.0

127 9.7 6.3 9.5#



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



#48

Methyl methacrylate

Concen: 4.022 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

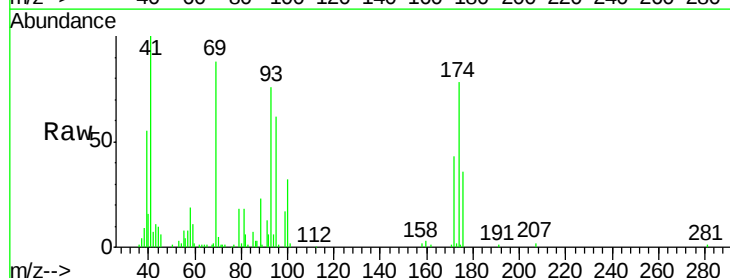
Tgt Ion: 41 Resp: 65288

Ion Ratio Lower Upper

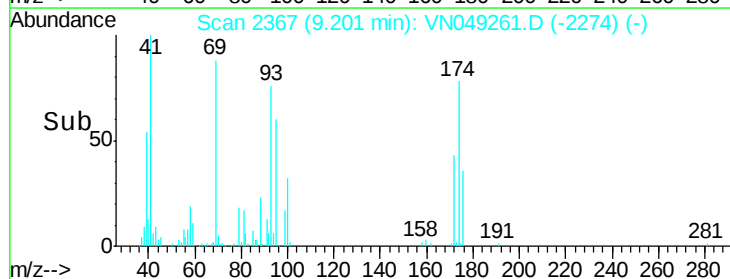
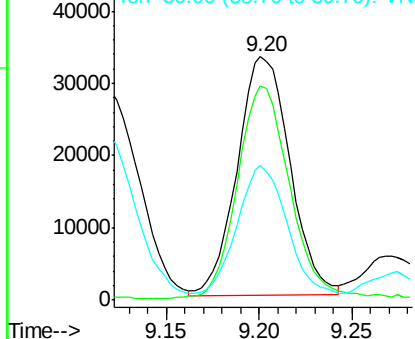
41 100

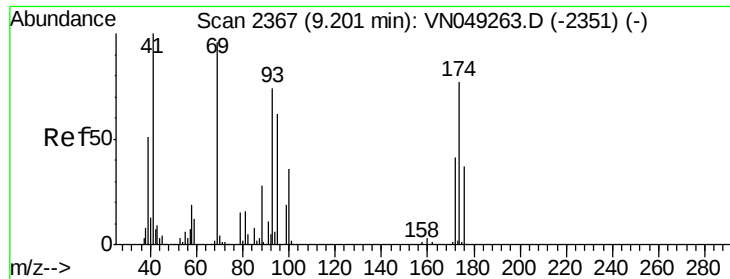
69 88.6 62.0 93.0

39 53.9 50.6 75.8



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

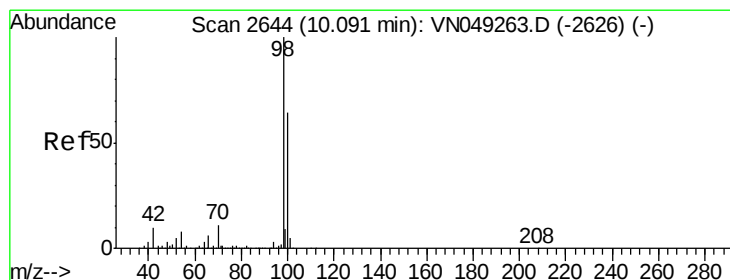
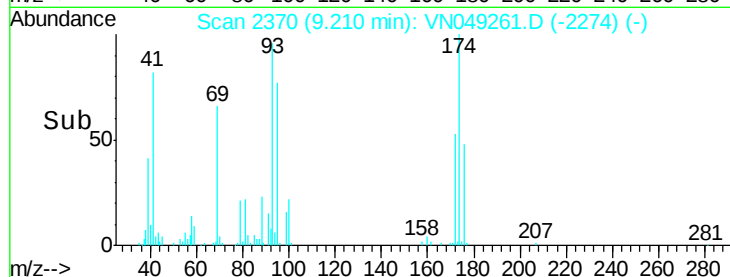
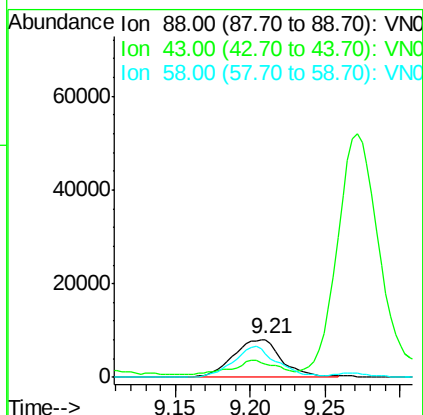
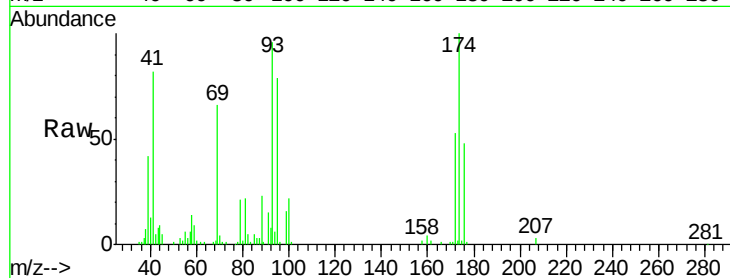




#49
 1,4-Dioxane
 Concen: 94.598 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.01 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

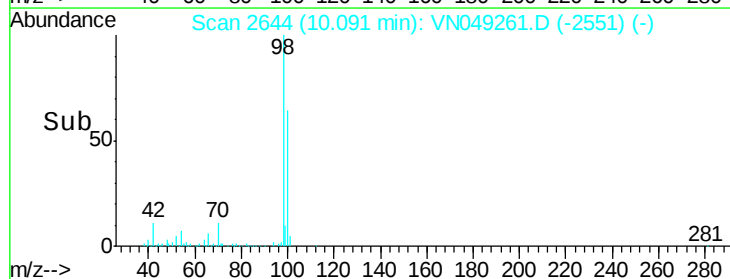
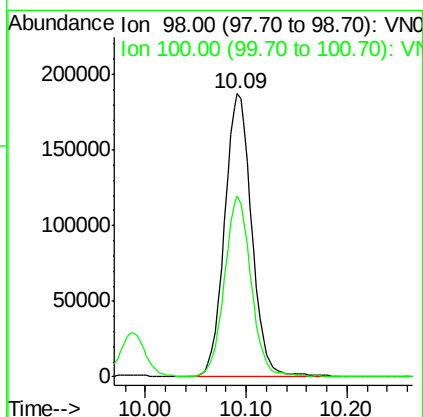
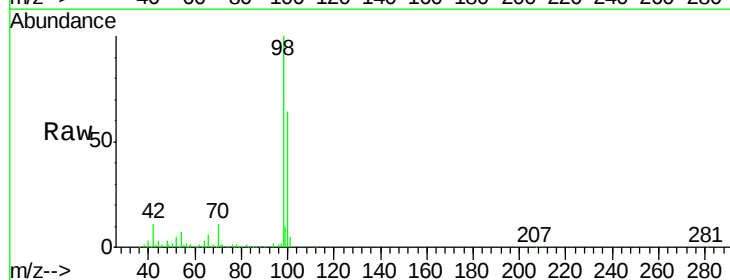
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

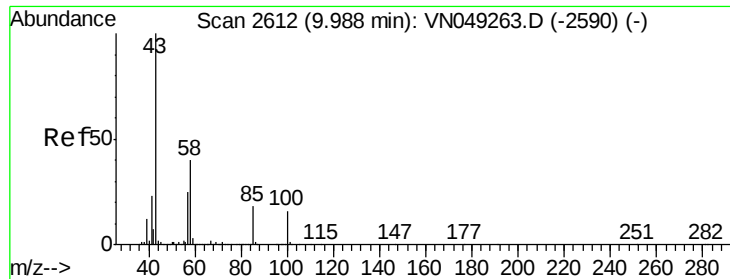
Tgt Ion: 88 Resp: 18136
 Ion Ratio Lower Upper
 88 100
 43 35.0 30.9 46.3
 58 73.8 58.9 88.3



#50
 Toluene-d8
 Concen: 4.769 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion: 98 Resp: 351839
 Ion Ratio Lower Upper
 98 100
 100 62.2 49.8 74.8

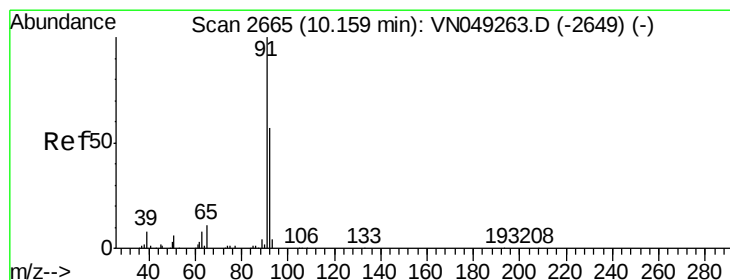
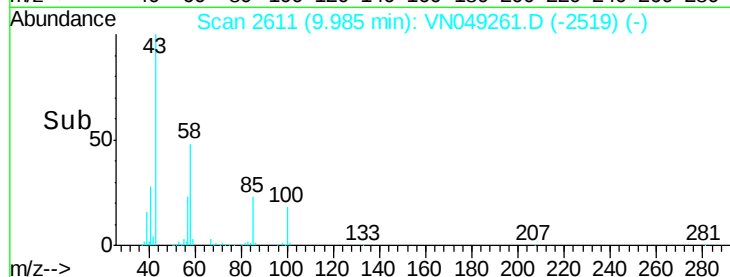
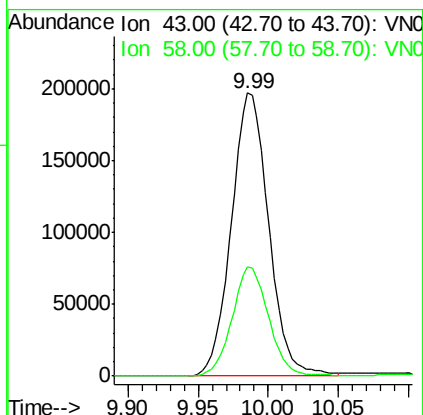
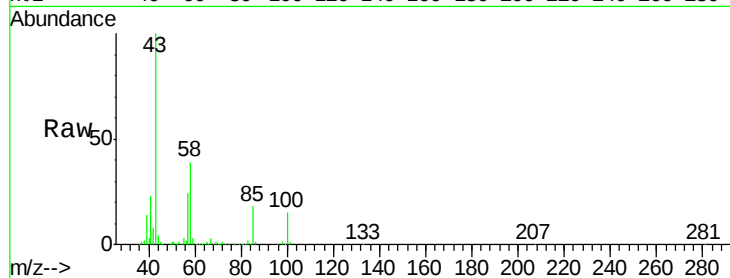




#51
4-Methyl-2-Pentanone
Concen: 20.452 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

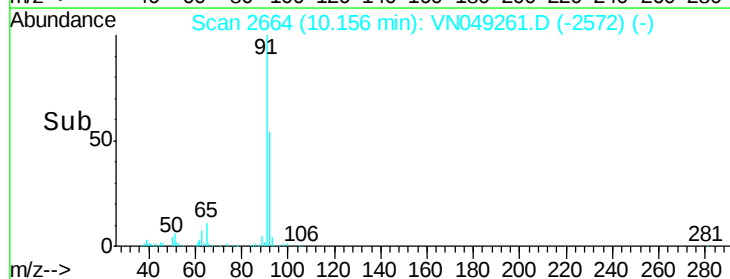
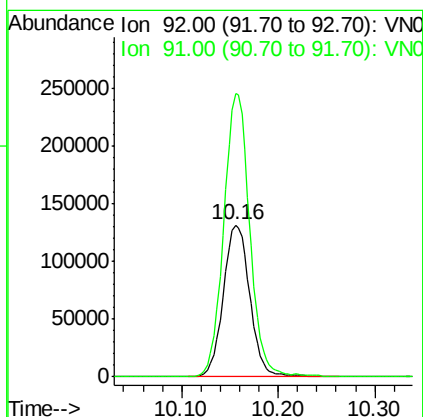
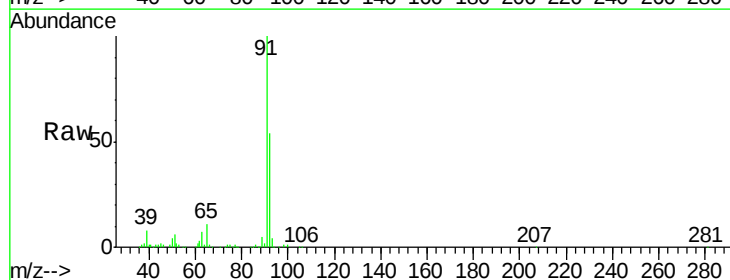
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

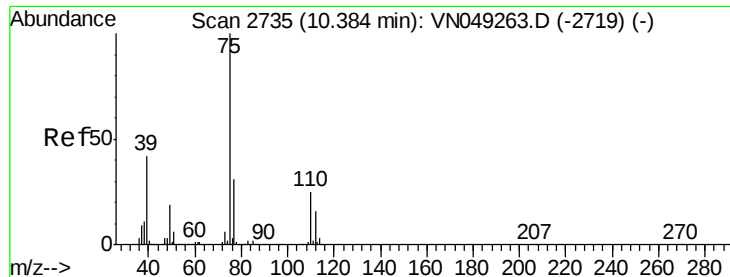
Tgt Ion: 43 Resp: 361881
Ion Ratio Lower Upper
43 100
58 38.3 29.0 43.6



#52
Toluene
Concen: 4.976 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 92 Resp: 251074
Ion Ratio Lower Upper
92 100
91 183.1 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 4.568 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

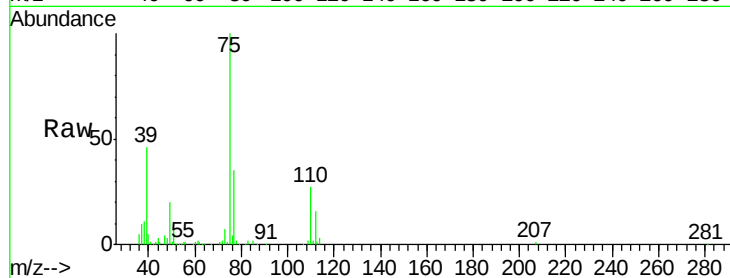
VSTDIC005

Tgt Ion: 75 Resp: 128916

Ion Ratio Lower Upper

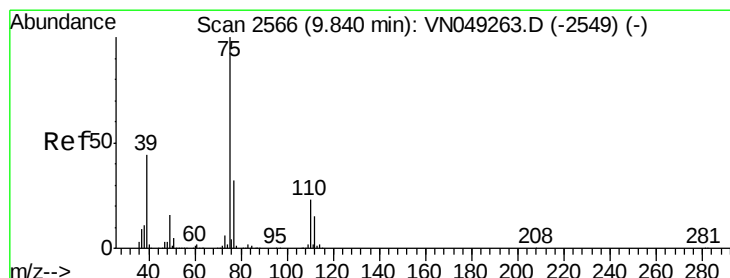
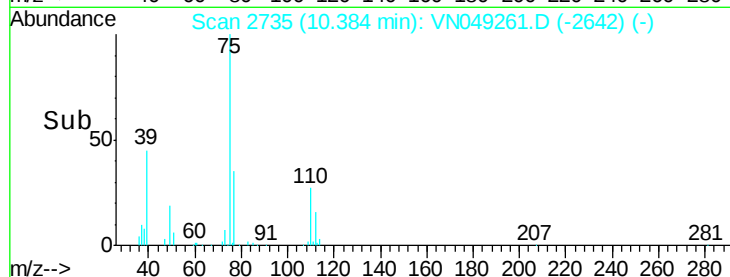
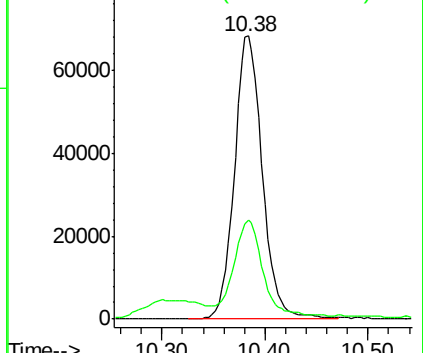
75 100

77 33.8 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.758 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

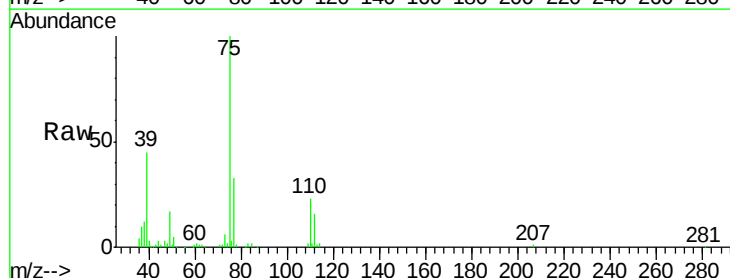
Tgt Ion: 75 Resp: 155593

Ion Ratio Lower Upper

75 100

77 32.6 24.8 37.2

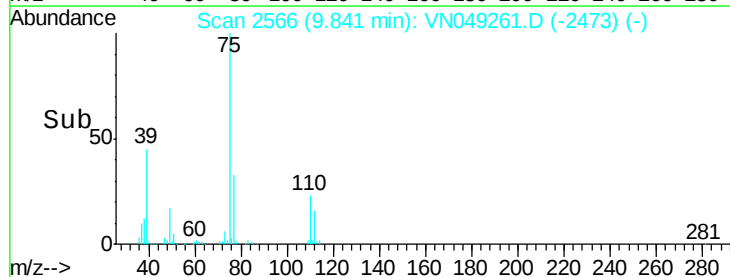
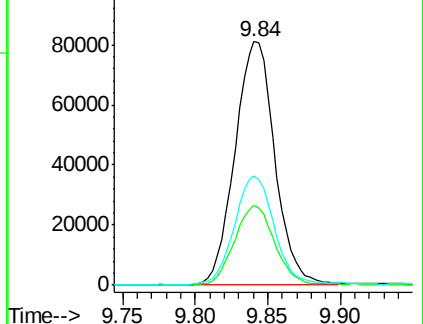
39 44.6 45.1 67.7#

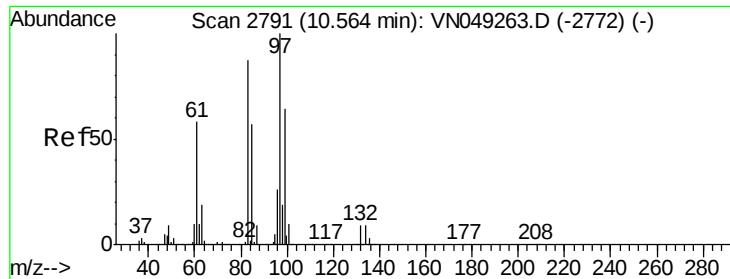


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

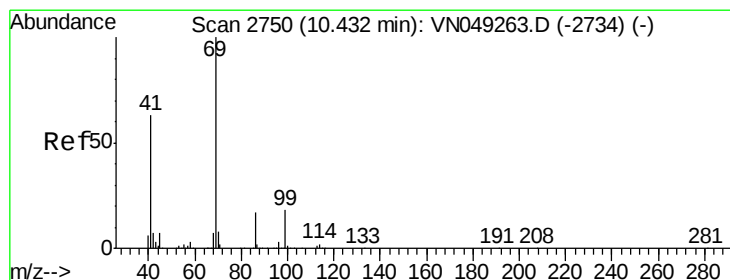
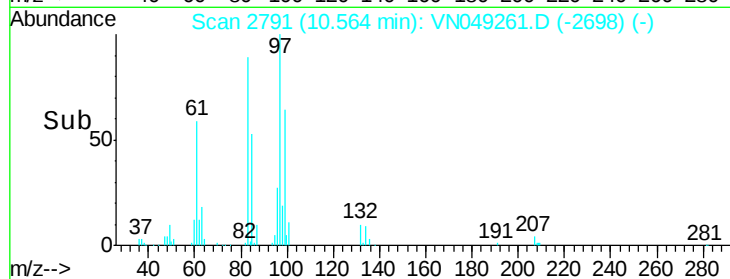
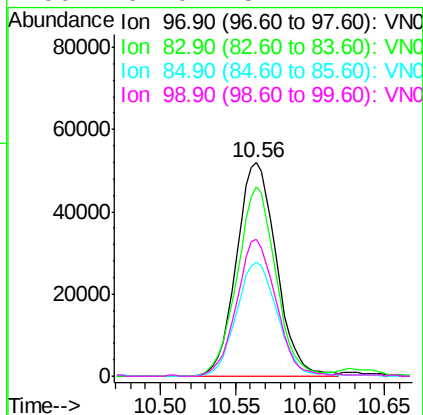
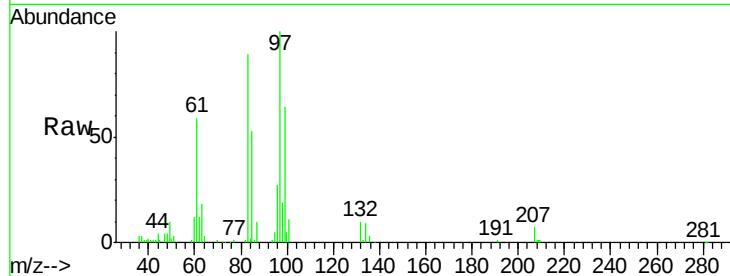




#55
 1,1,2-Trichloroethane
 Concen: 5.217 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

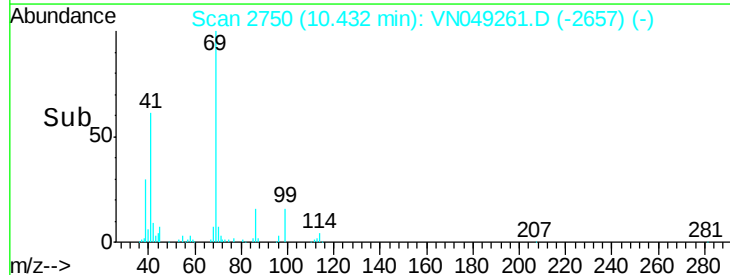
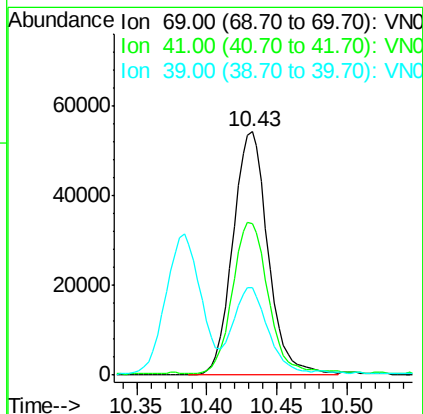
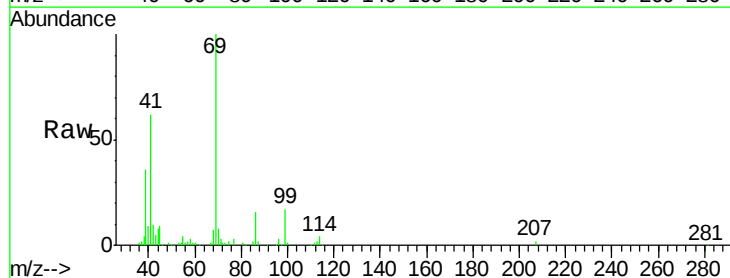
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	96613
Ion	Ratio	Lower	Upper
97	100		
83	88.6	71.5	107.3
85	53.1	47.0	70.4
99	64.0	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 4.252 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion:	69	Resp:	94920
Ion	Ratio	Lower	Upper
69	100		
41	63.6	58.4	87.6
39	33.5	35.5	53.3#

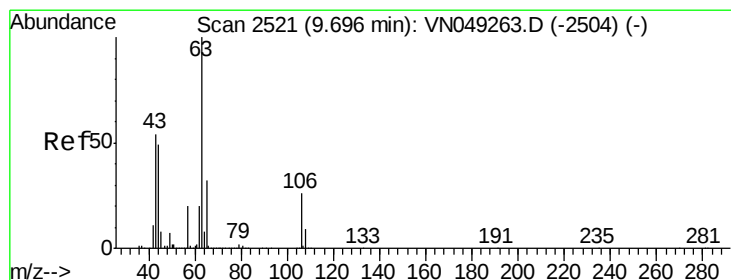
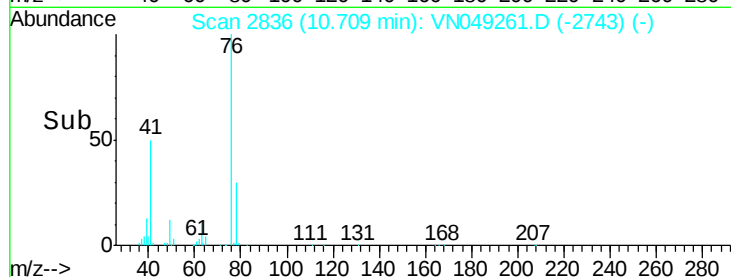
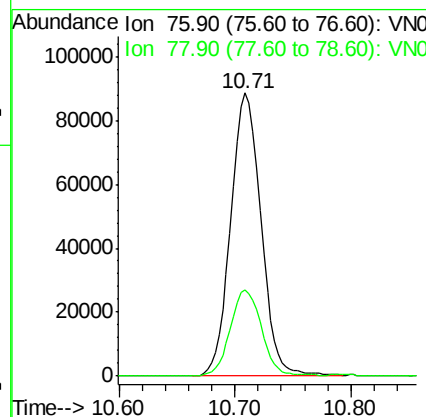
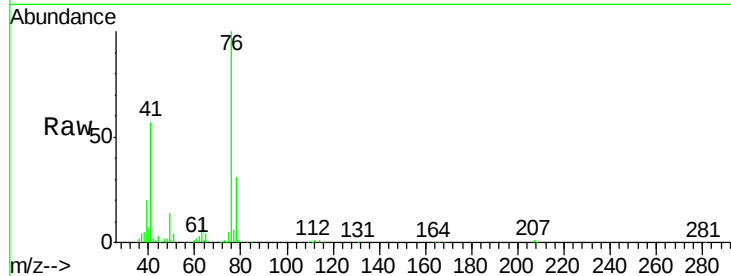




#57
 1,3-Dichloropropane
 Concen: 5.054 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

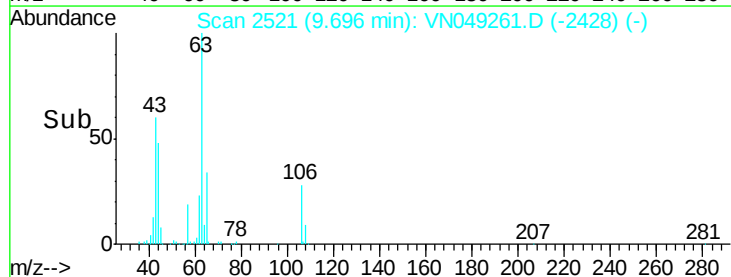
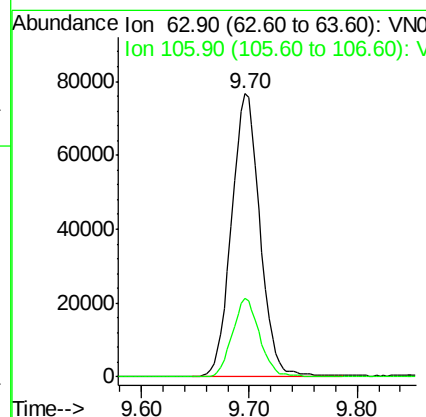
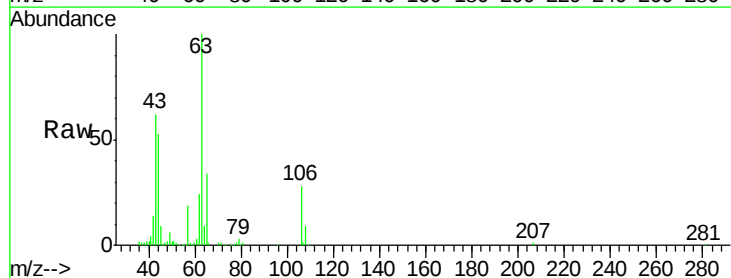
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

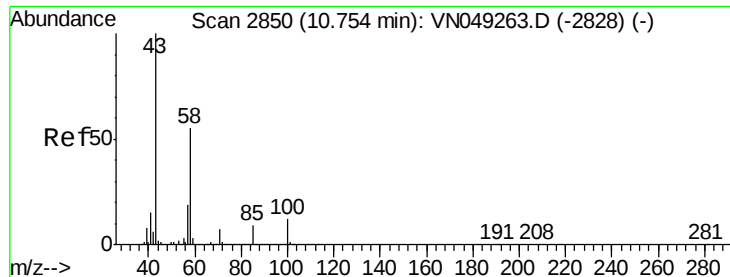
Tgt Ion: 76 Resp: 160485
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 19.599 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion: 63 Resp: 141756
 Ion Ratio Lower Upper
 63 100
 106 26.4 19.4 29.2

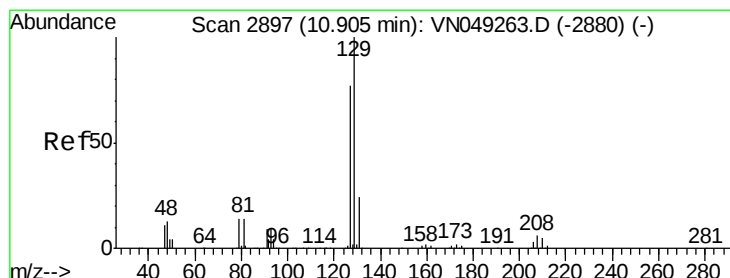
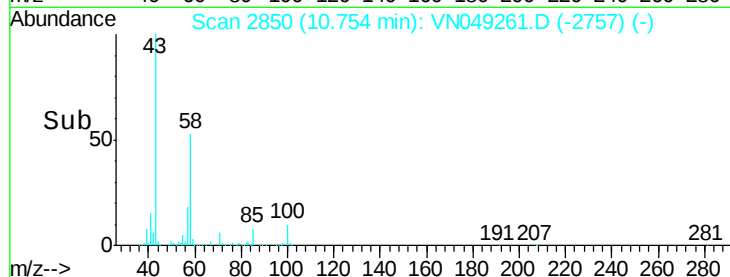
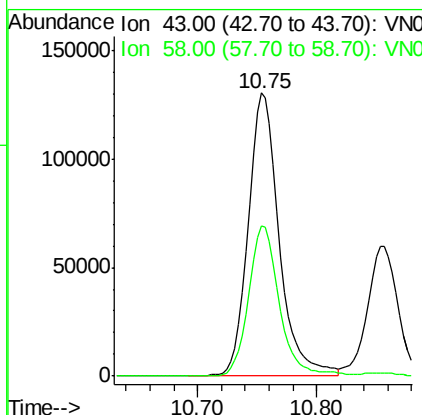
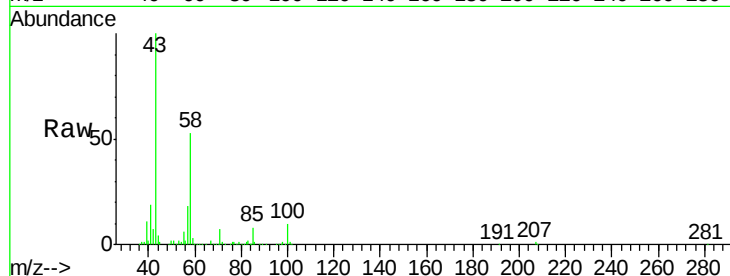




#59
2-Hexanone
Concen: 21.126 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

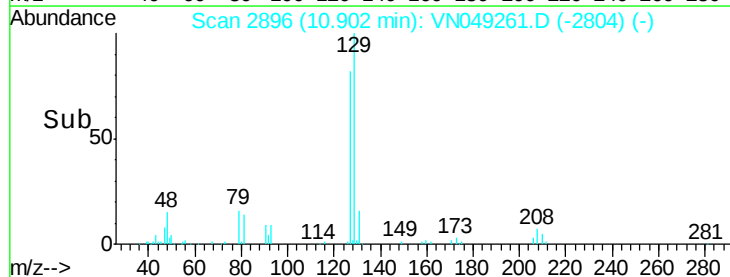
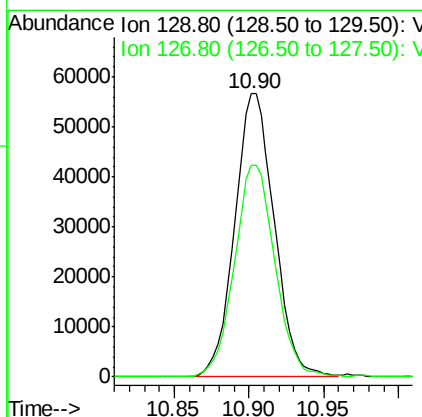
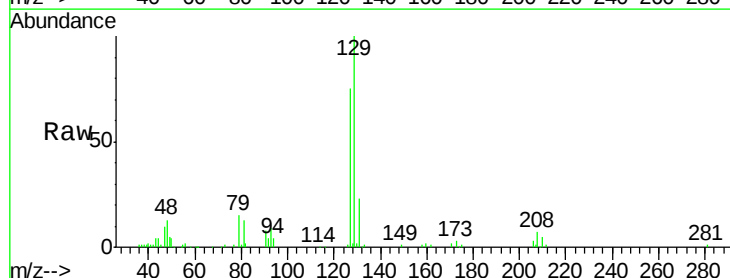
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

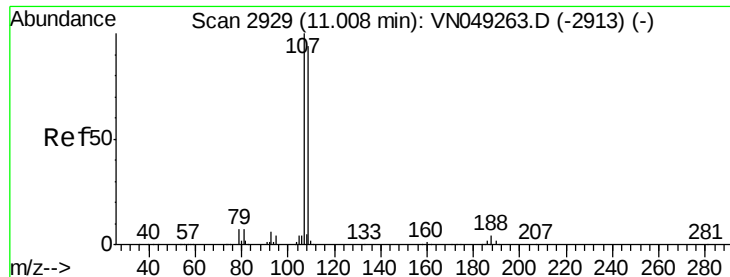
Tgt Ion: 43 Resp: 232929
Ion Ratio Lower Upper
43 100
58 53.5 25.2 75.6



#60
Dibromochloromethane
Concen: 5.070 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 129 Resp: 104109
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

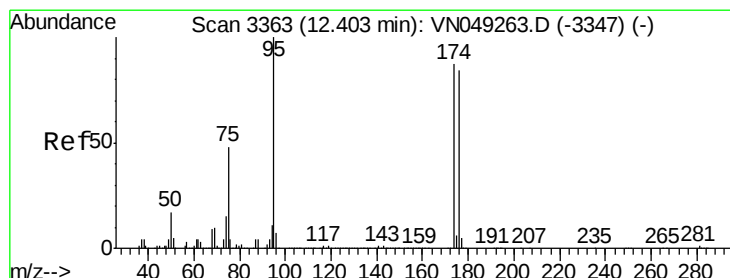
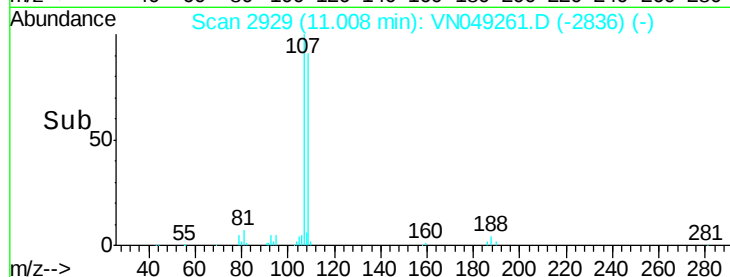
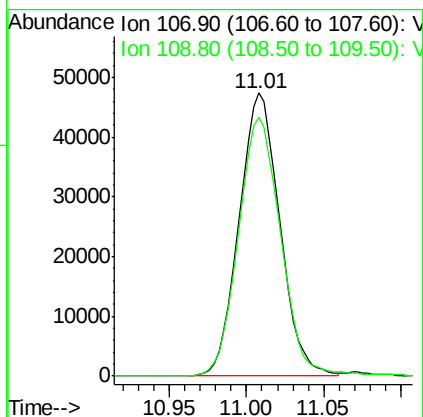
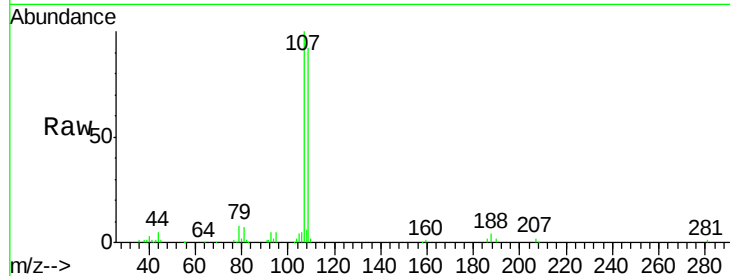




#61
 1,2-Dibromoethane
 Concen: 5.067 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

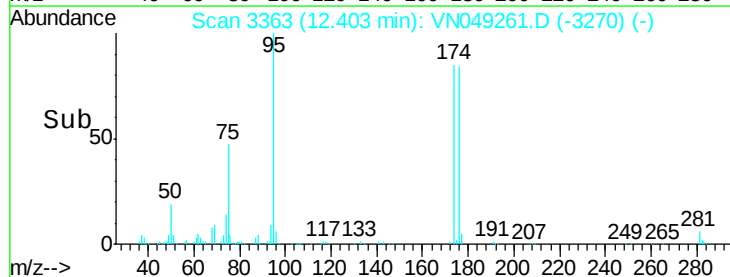
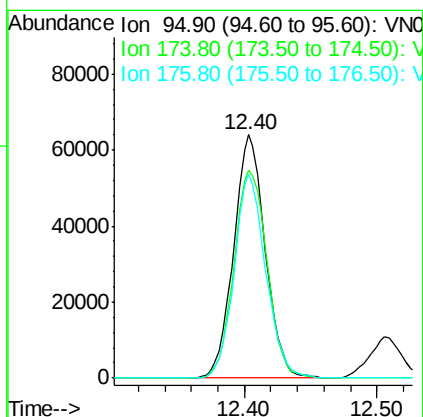
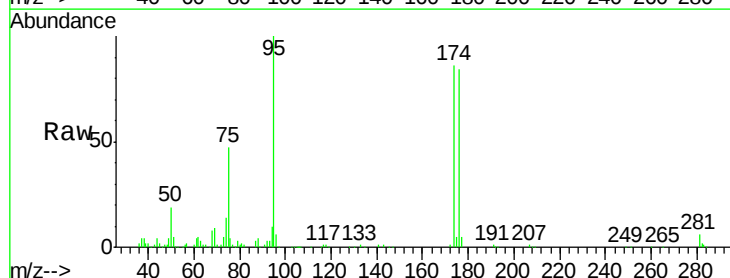
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 107 Resp: 86788
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 4.322 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion: 95 Resp: 105806
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 165.6
 176 83.6 0.0 157.4

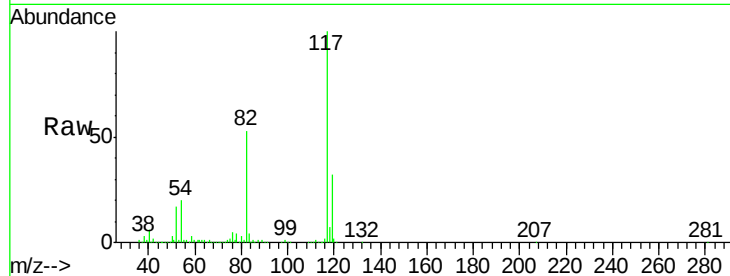




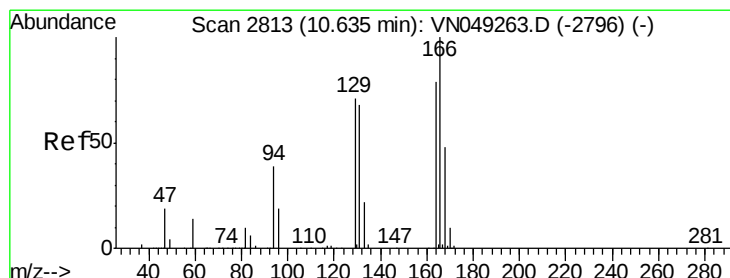
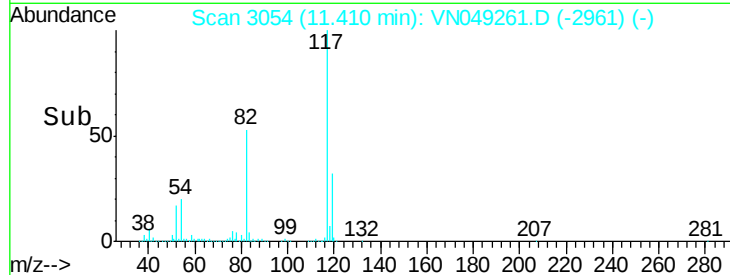
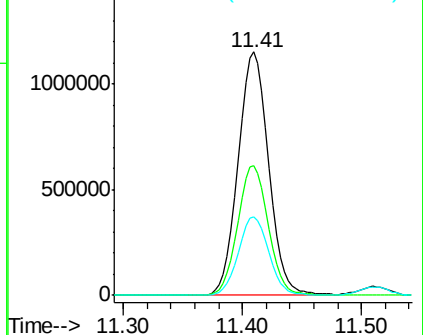
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion:117 Resp: 2048725
Ion Ratio Lower Upper
117 100
82 53.1 45.9 68.9
119 32.4 25.5 38.3

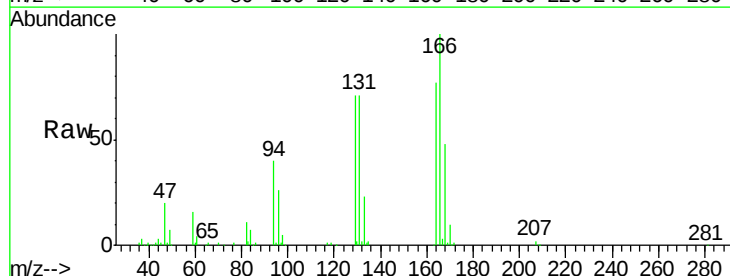


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

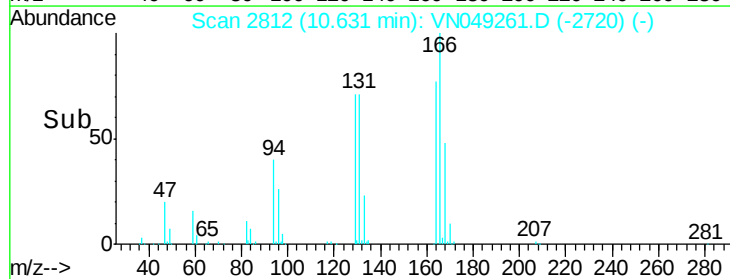
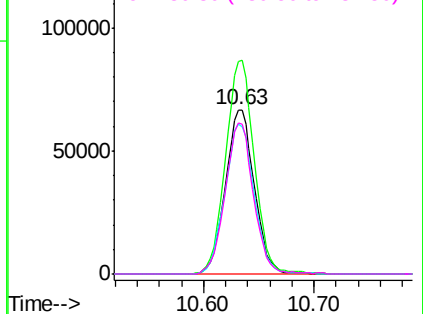


#64
Tetrachloroethene
Concen: 5.891 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion:164 Resp: 120917
Ion Ratio Lower Upper
164 100
166 129.5 101.4 152.2
129 91.5 74.1 111.1
131 91.9 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: 5.536 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

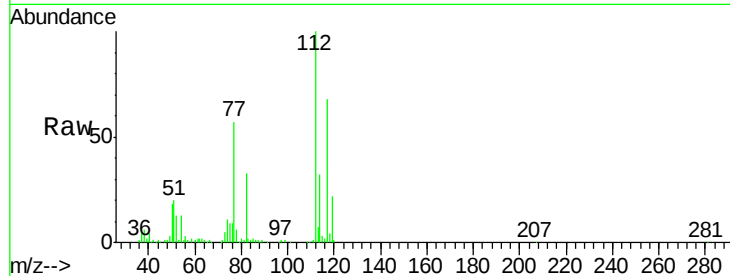
VSTDIC005

Tgt Ion:112 Resp: 292580

Ion Ratio Lower Upper

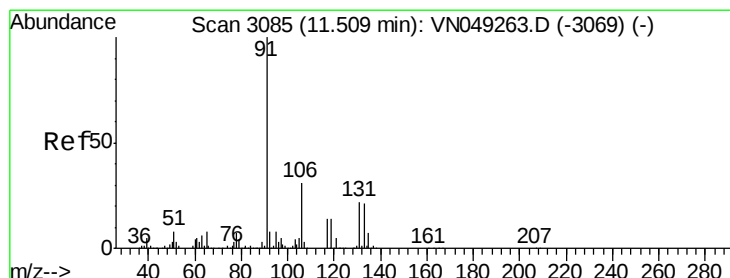
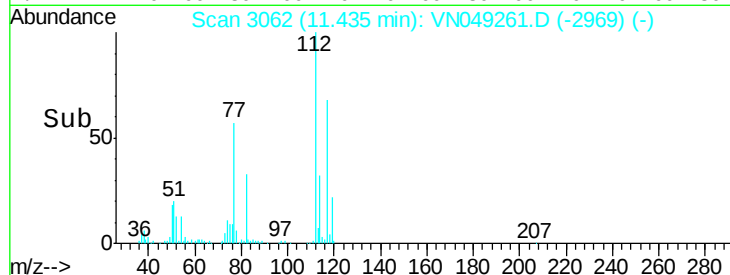
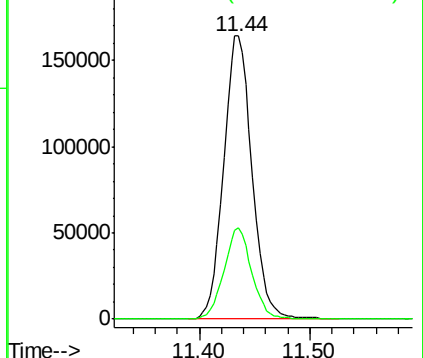
112 100

114 32.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.363 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

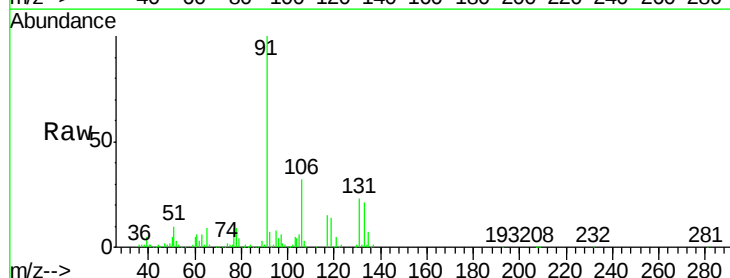
Tgt Ion:131 Resp: 107808

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

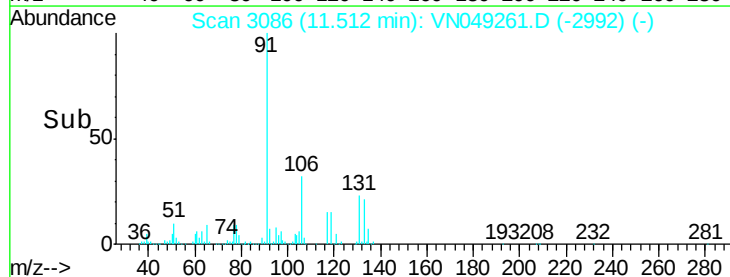
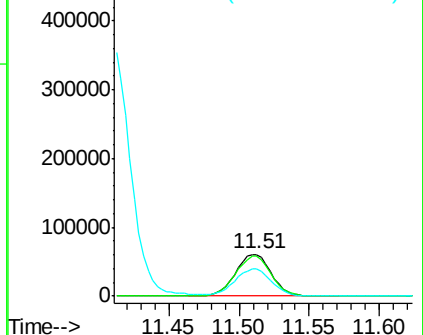
119 66.1 33.6 100.8

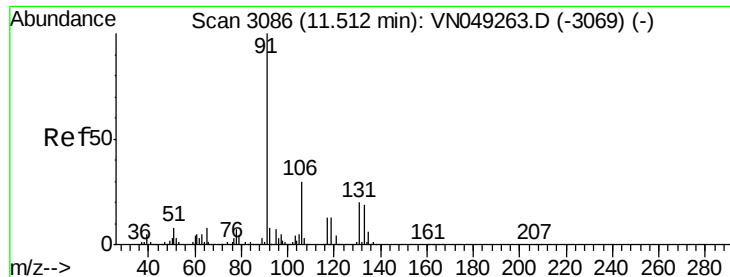


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

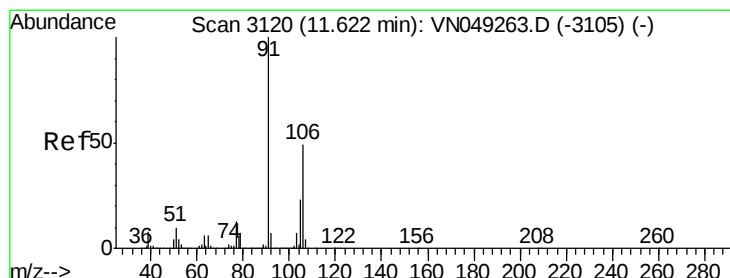
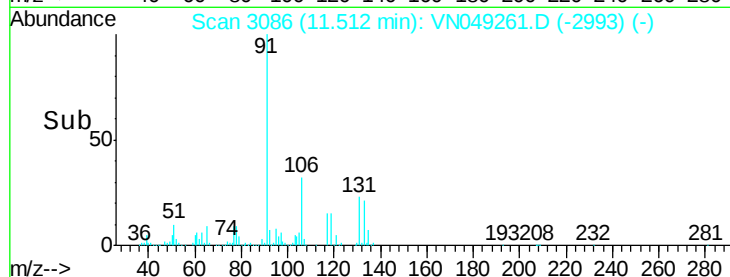
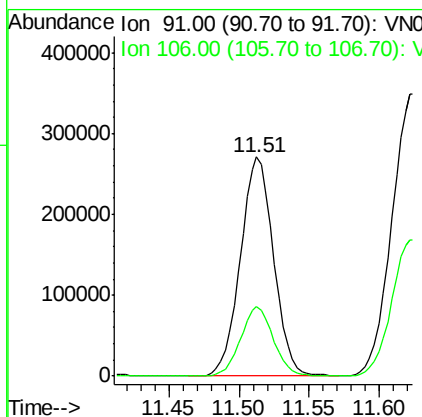
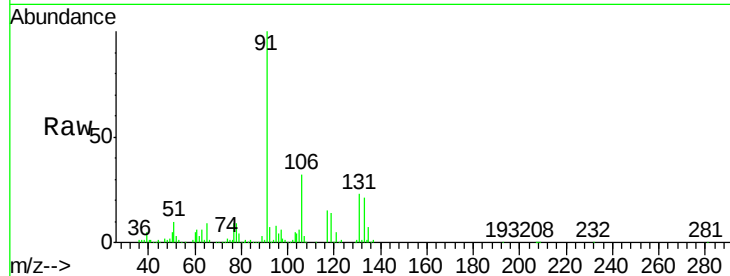




#67
Ethyl Benzene
Concen: 4.915 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

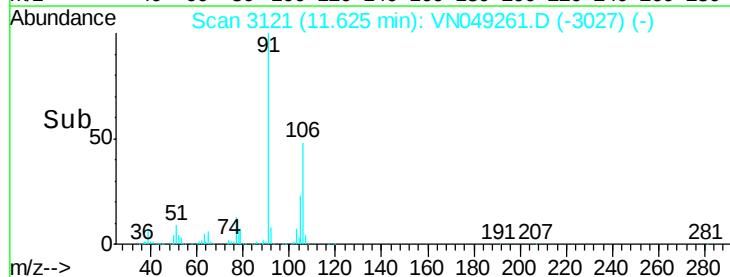
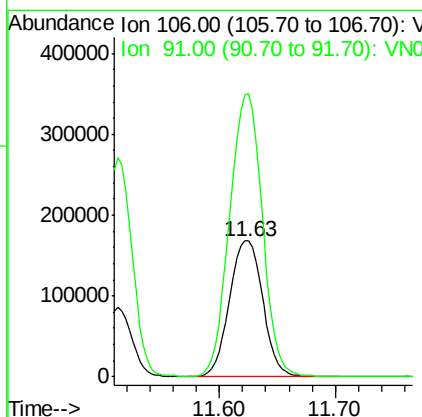
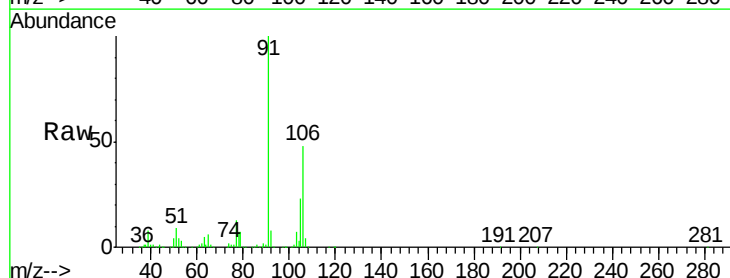
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

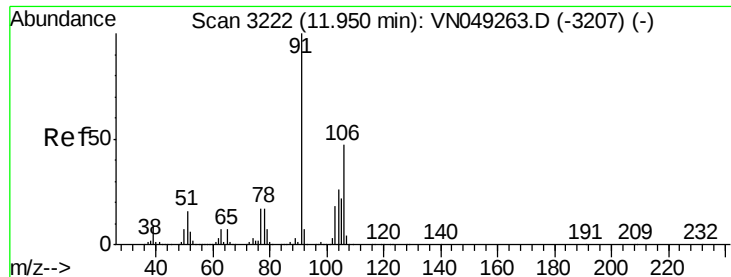
Tgt Ion: 91 Resp: 448146
Ion Ratio Lower Upper
91 100
106 31.7 23.9 35.9



#68
m/p-Xylenes
Concen: 10.015 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion: 106 Resp: 333913
Ion Ratio Lower Upper
106 100
91 204.5 167.3 250.9

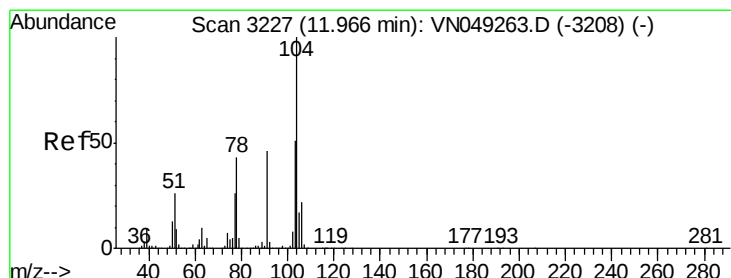
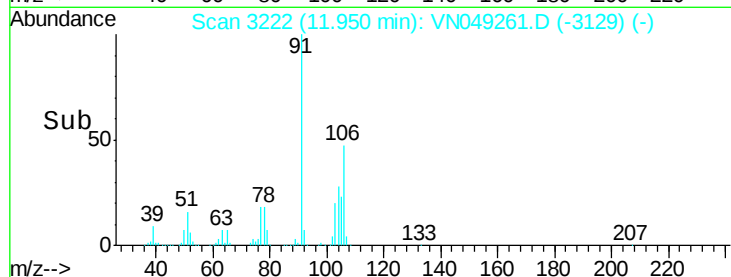
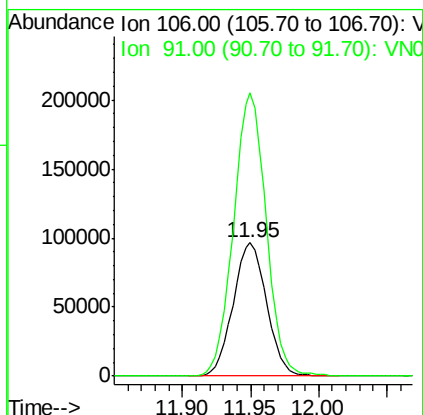
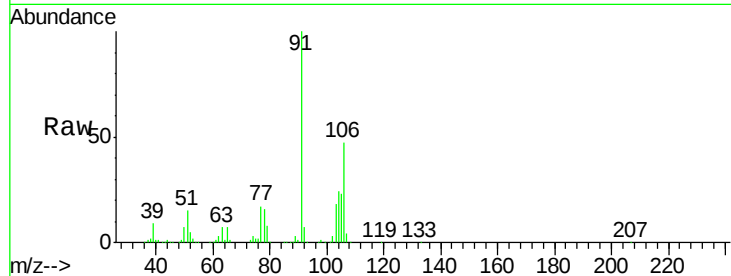




#69
o-Xylene
Concen: 5.129 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

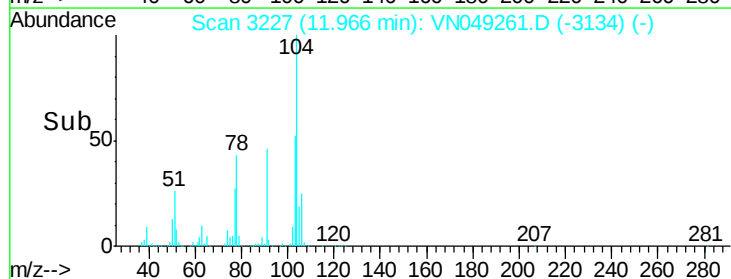
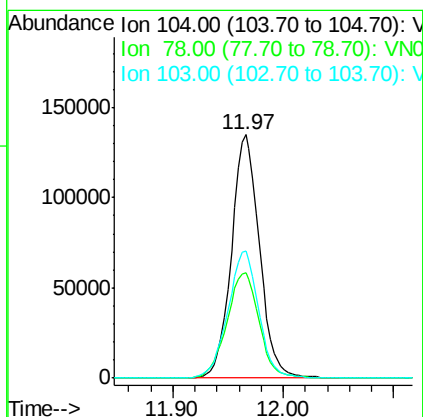
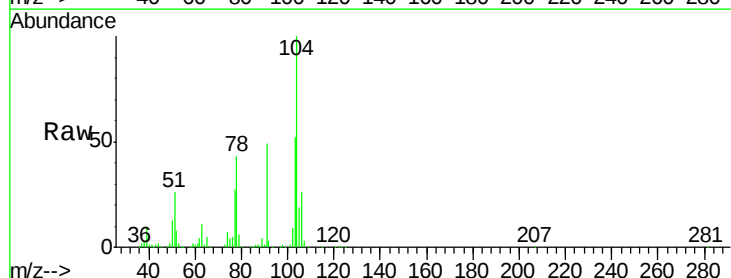
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

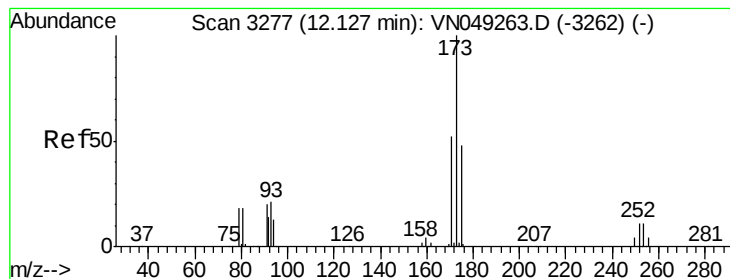
Tgt Ion:106 Resp: 164678
Ion Ratio Lower Upper
106 100
91 207.1 111.0 333.0



#70
Styrene
Concen: 4.678 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion:104 Resp: 237832
Ion Ratio Lower Upper
104 100
78 49.7 41.6 62.4
103 57.5 45.4 68.2





#71

Bromoform

Concen: 5.415 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

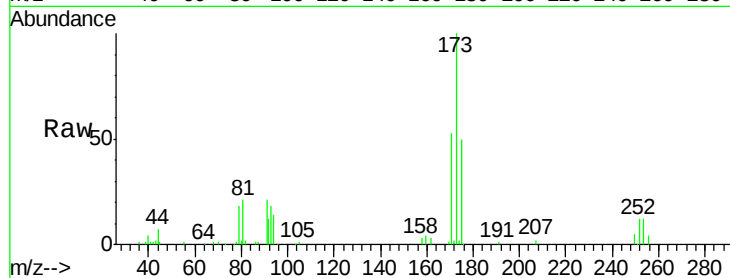
Tgt Ion:173 Resp: 68039

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

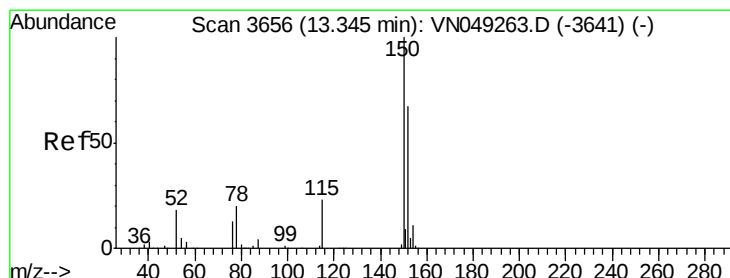
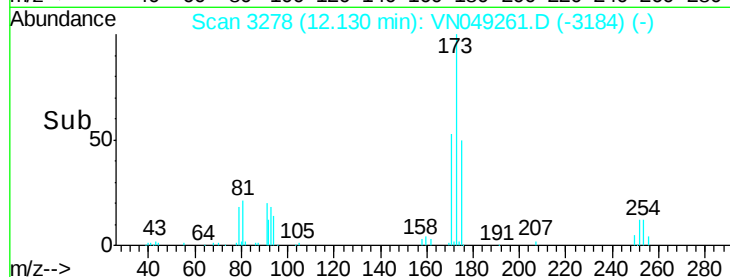
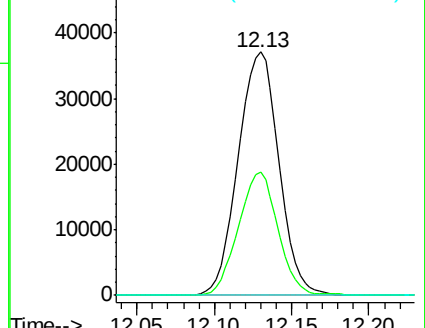
254 0.0 0.1 0.1#



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: VN049261.D

Acq: 15 Jun 2018 14:27

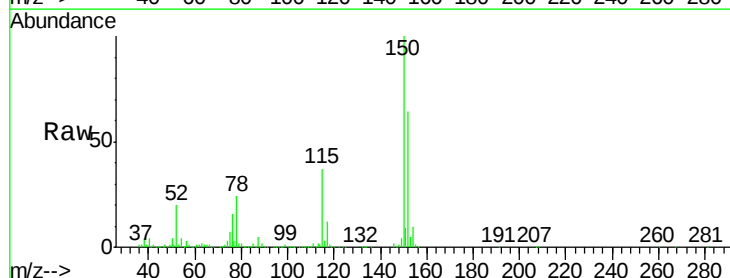
Tgt Ion:152 Resp: 823950

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.1

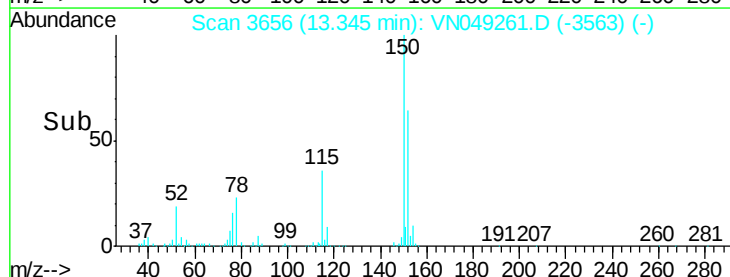
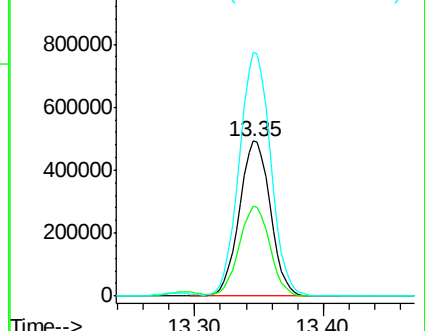
150 159.2 0.0 351.0

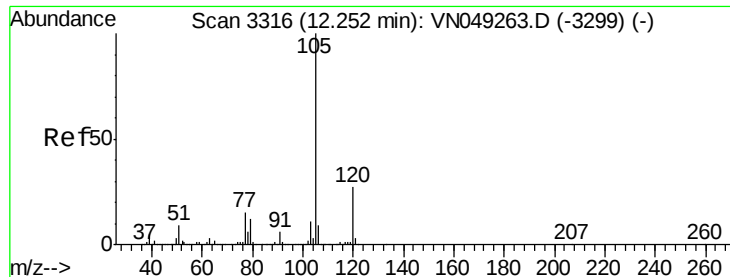


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.263 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

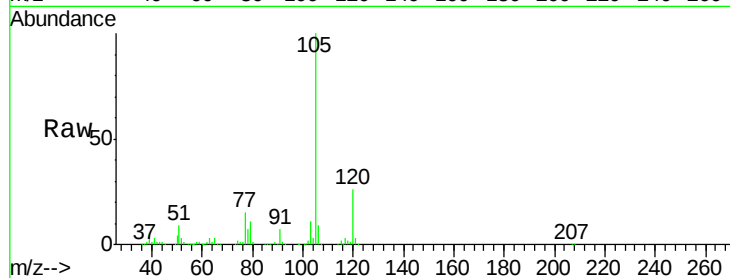
VSTDIC005

Tgt Ion:105 Resp: 416517

Ion Ratio Lower Upper

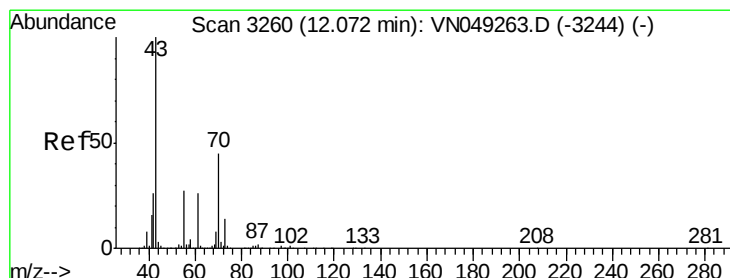
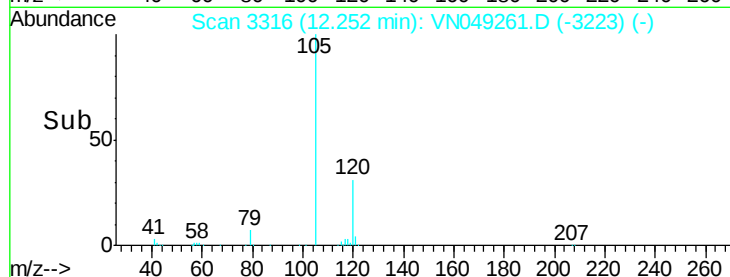
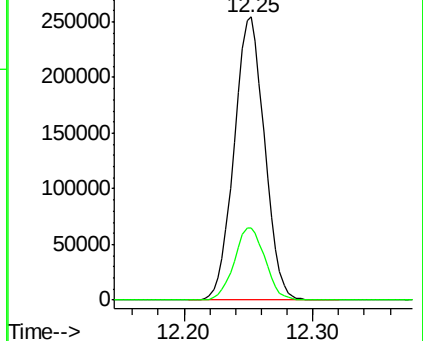
105 100

120 25.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.005 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Tgt Ion: 43 Resp: 90298

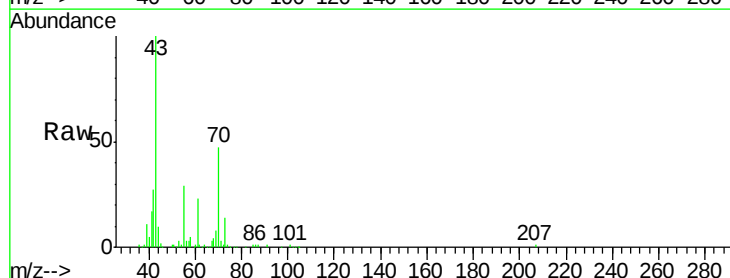
Ion Ratio Lower Upper

43 100

70 45.7 30.3 45.5#

55 29.0 19.4 29.2

61 24.2 17.8 26.6

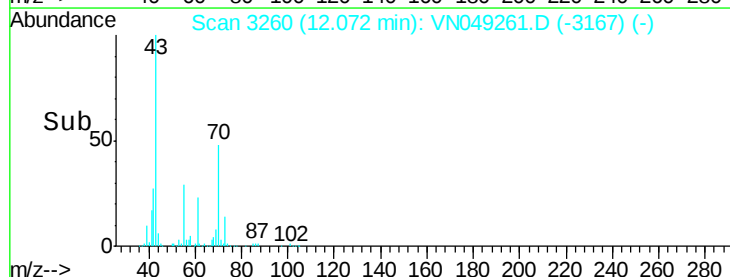
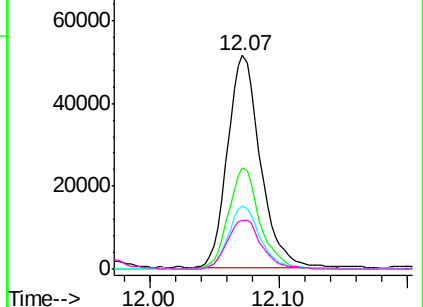


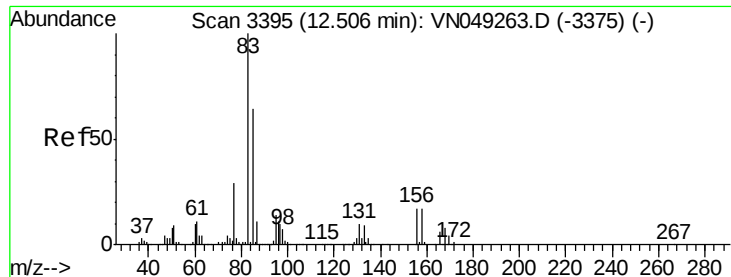
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.574 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

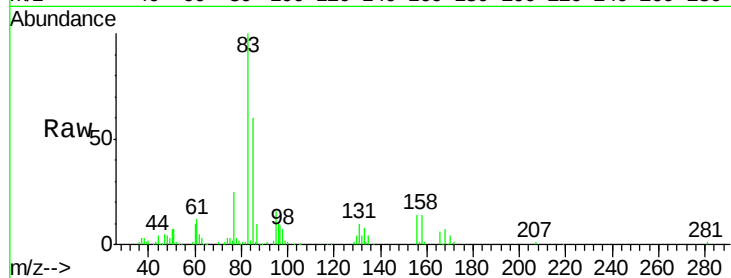
Tgt Ion: 83 Resp: 112581

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

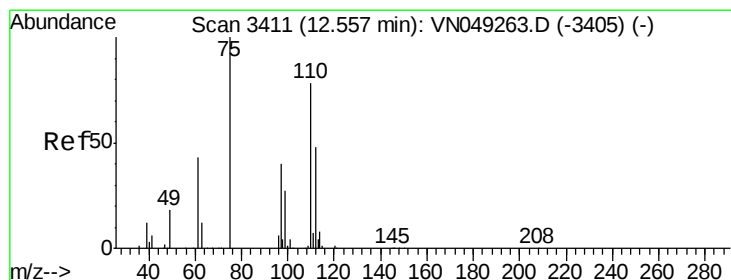
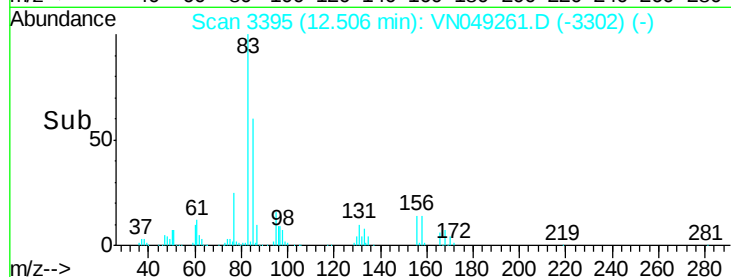
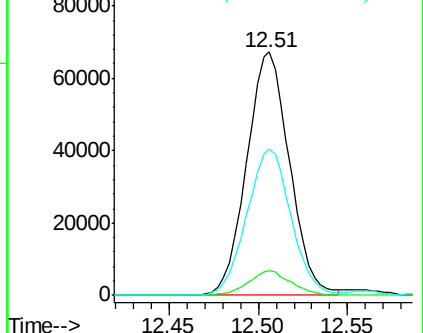
85 62.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049261.D (-3375) (-)

Ion 130.80 (130.50 to 131.50): VN049261.D (-3375) (-)

Ion 84.90 (84.60 to 85.60): VN049261.D (-3375) (-)



#76

1,2,3-Trichloropropane

Concen: 8.030 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049261.D

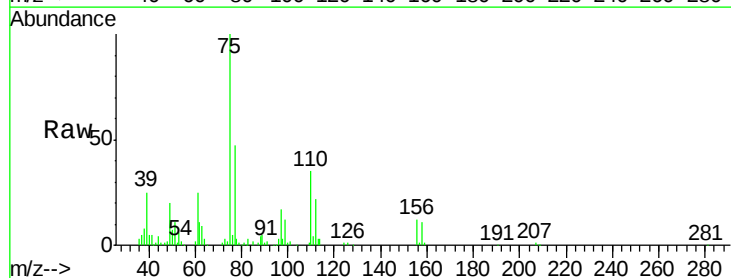
Acq: 15 Jun 2018 14:27

Tgt Ion: 75 Resp: 129090

Ion Ratio Lower Upper

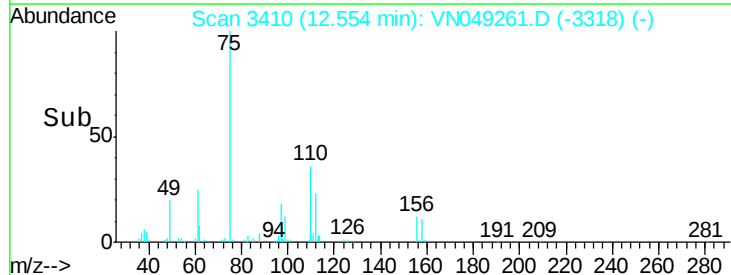
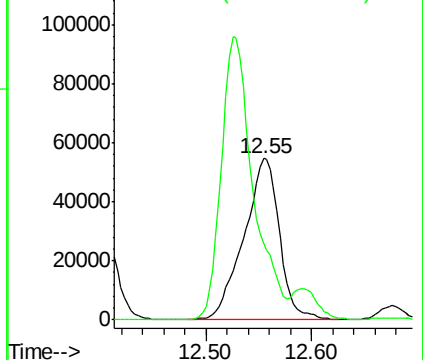
75 100

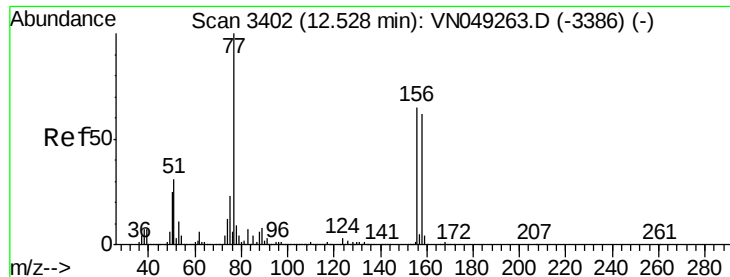
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049261.D (-3411) (-)

Ion 77.00 (76.70 to 77.70): VN049261.D (-3411) (-)





#77

Bromobenzene

Concen: 5.738 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

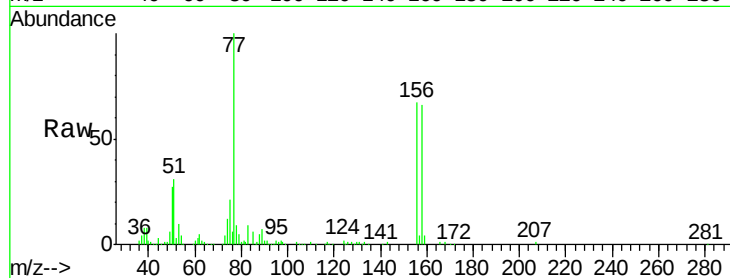
Tgt Ion:156 Resp: 111453

Ion Ratio Lower Upper

156 100

77 180.3 100.8 302.4

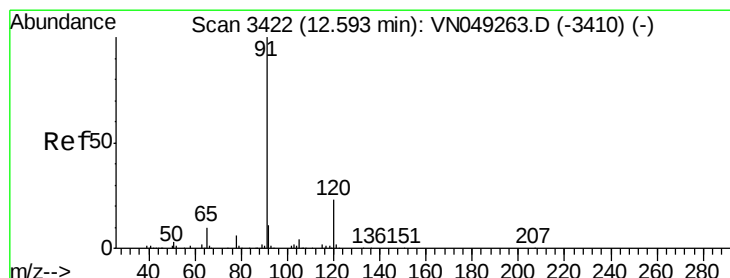
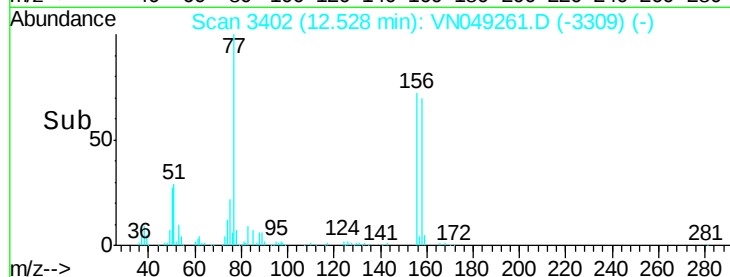
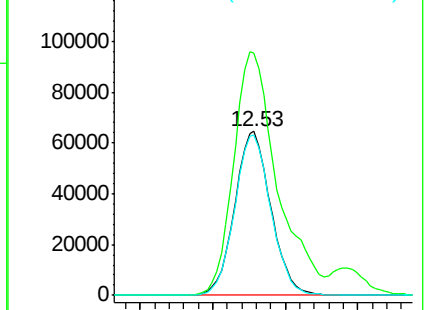
158 98.1 49.3 147.9



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: 4.999 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049261.D

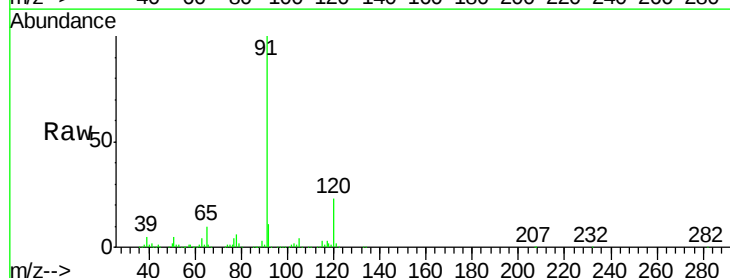
Acq: 15 Jun 2018 14:27

Tgt Ion: 91 Resp: 439477

Ion Ratio Lower Upper

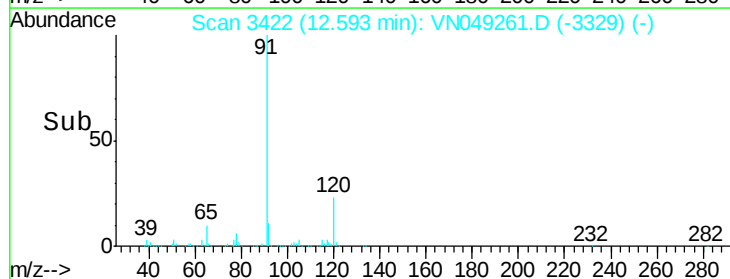
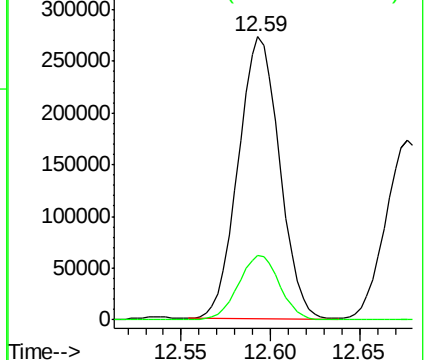
91 100

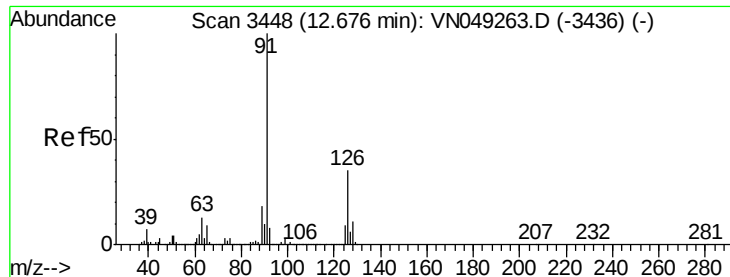
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.281 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampled :

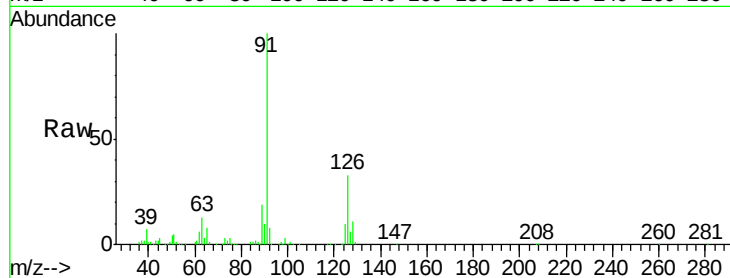
VSTDIC005

Tgt Ion: 91 Resp: 292791

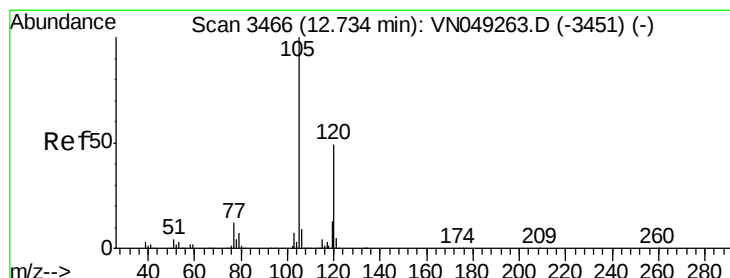
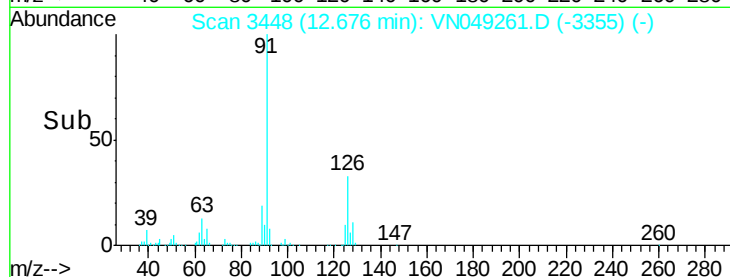
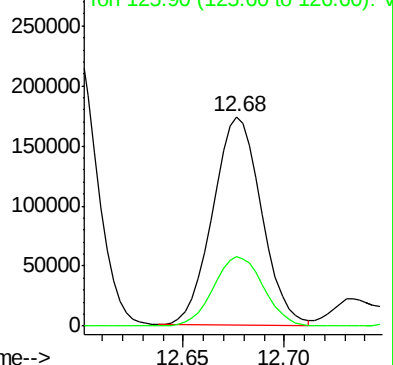
Ion Ratio Lower Upper

91 100

126 34.5 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049261.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.303 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049261.D

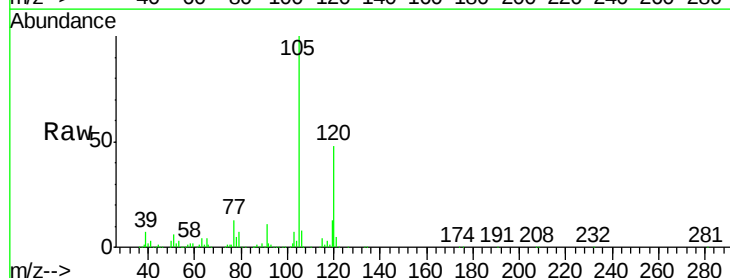
Acq: 15 Jun 2018 14:27

Tgt Ion: 105 Resp: 321778

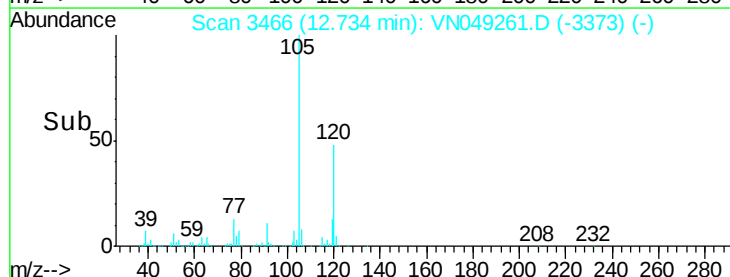
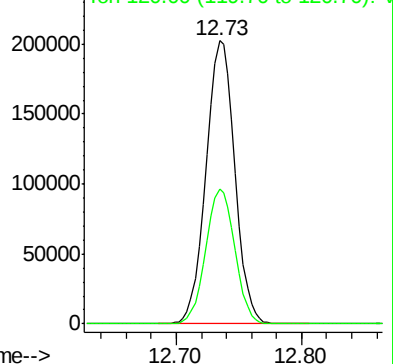
Ion Ratio Lower Upper

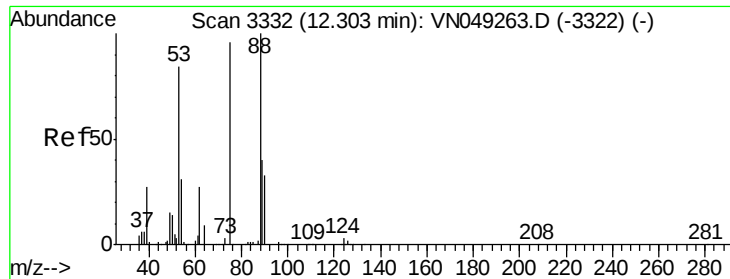
105 100

120 48.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049261.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.819 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

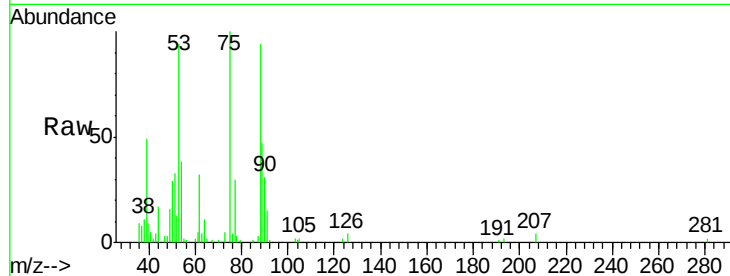
Tgt Ion: 75 Resp: 23767

Ion Ratio Lower Upper

75 100

53 104.5 82.7 124.1

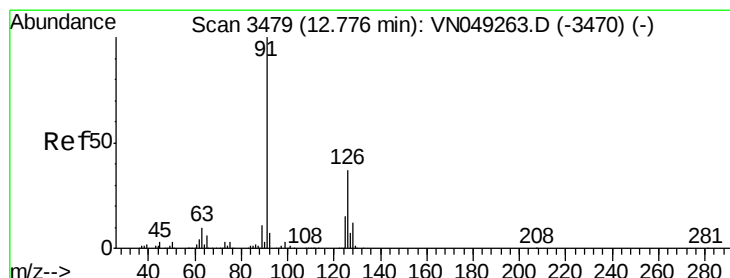
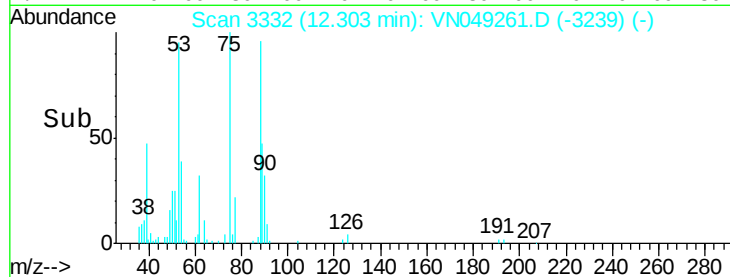
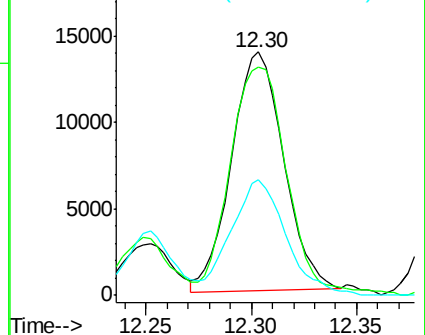
89 51.2 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN049261.D (-3332) (-)

Ion 53.00 (52.70 to 53.70): VN049261.D (-3332) (-)

Ion 88.90 (88.60 to 89.60): VN049261.D (-3332) (-)



#82

4-Chlorotoluene

Concen: 5.190 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049261.D

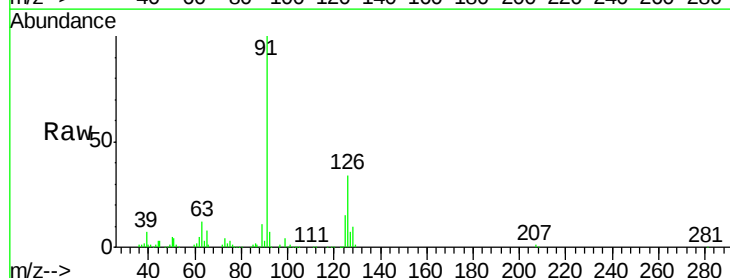
Acq: 15 Jun 2018 14:27

Tgt Ion: 91 Resp: 272973

Ion Ratio Lower Upper

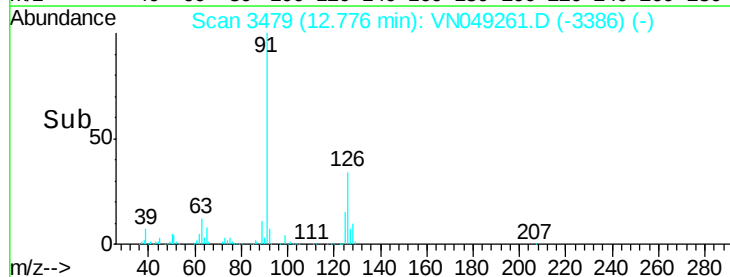
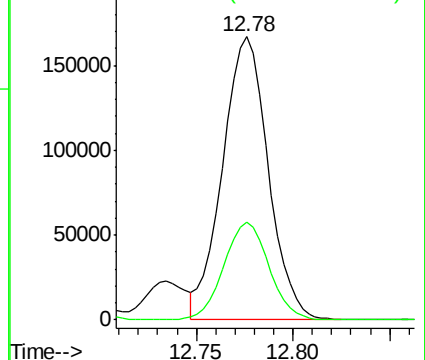
91 100

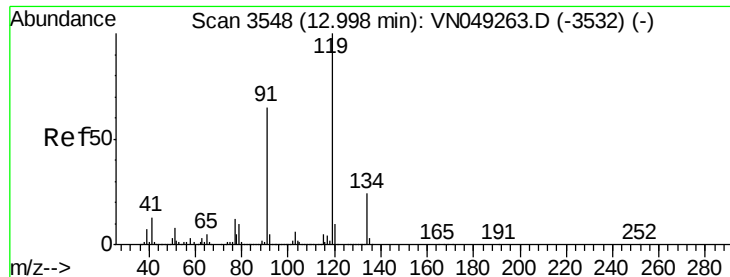
126 34.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN049261.D (-3479) (-)

Ion 125.90 (125.60 to 126.60): VN049261.D (-3479) (-)

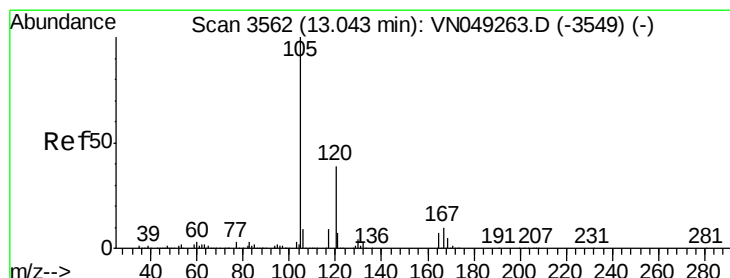
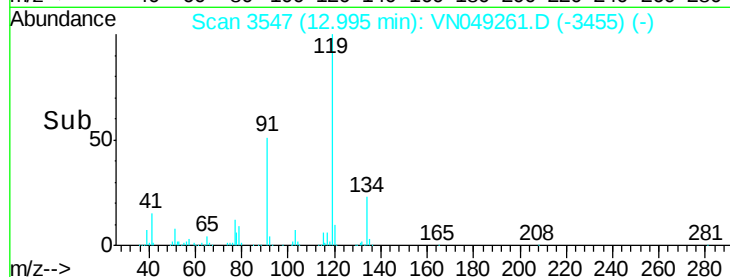
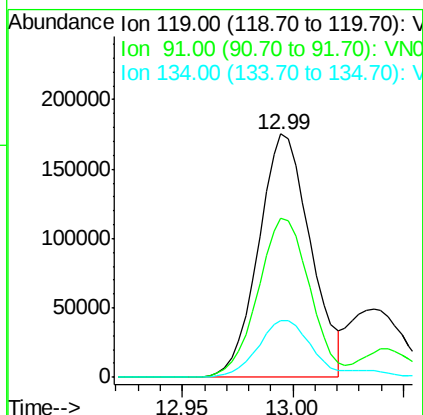
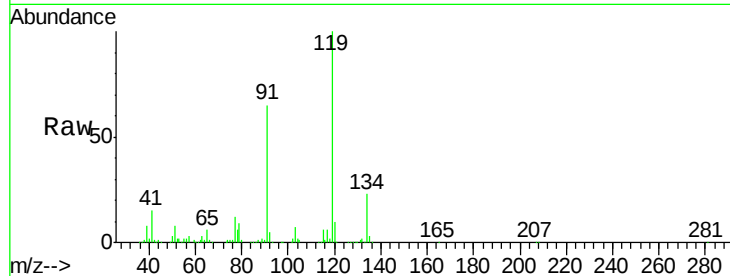




#83
 tert-Butylbenzene
 Concen: 5.480 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

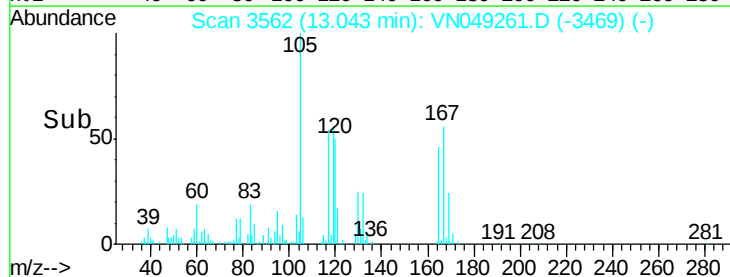
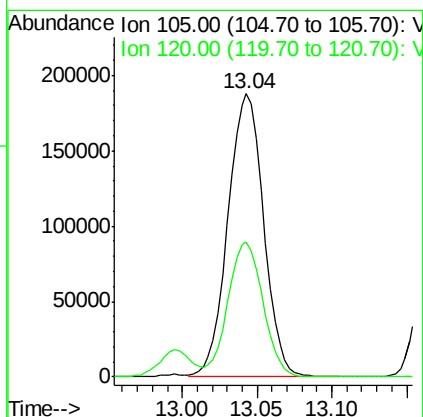
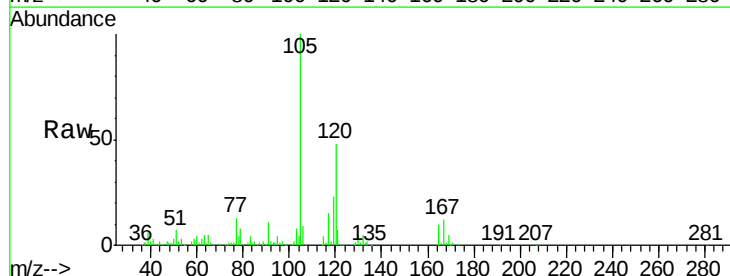
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

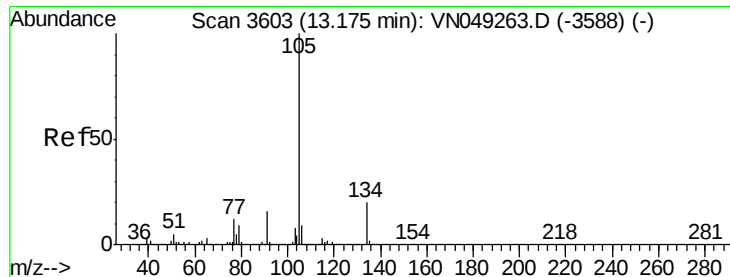
Tgt Ion:119 Resp: 286471
 Ion Ratio Lower Upper
 119 100
 91 65.3 33.7 101.0
 134 23.8 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 5.140 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion:105 Resp: 309999
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.2 66.6

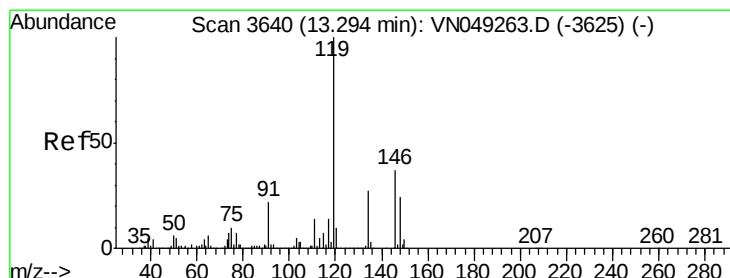
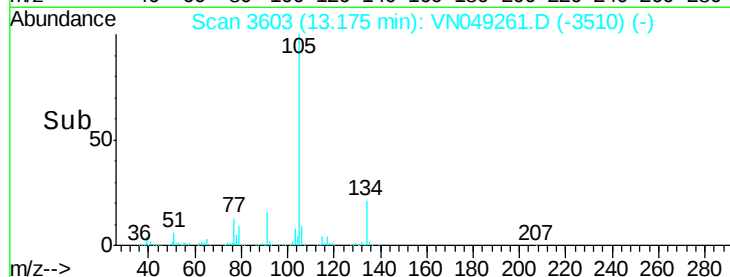
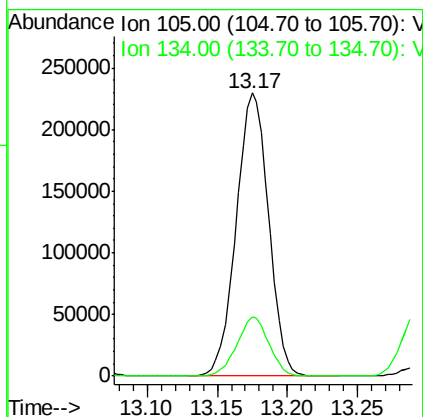
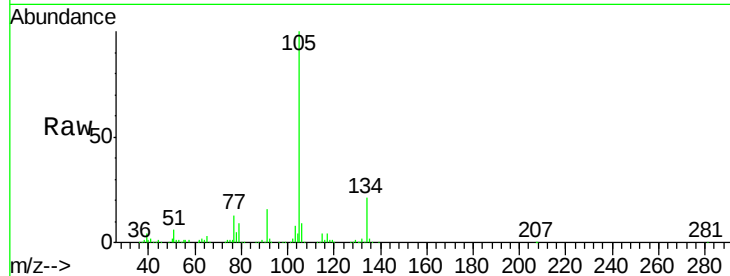




#85
 sec-Butylbenzene
 Concen: 5.293 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

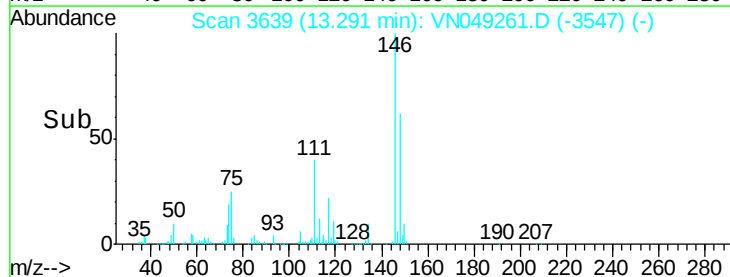
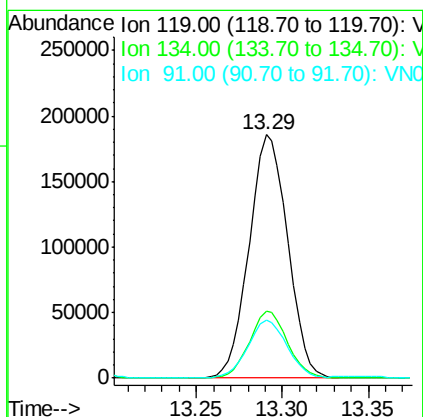
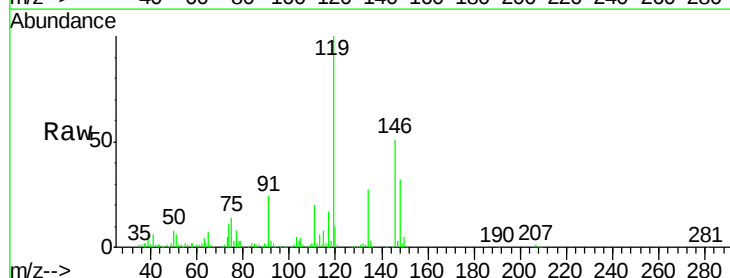
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion:105 Resp: 368871
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 5.110 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion:119 Resp: 288418
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.9 38.6
 91 23.9 12.1 36.3

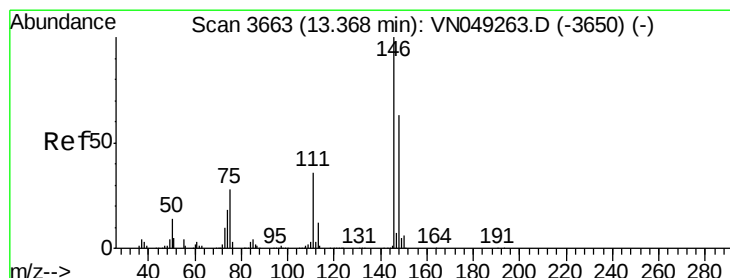
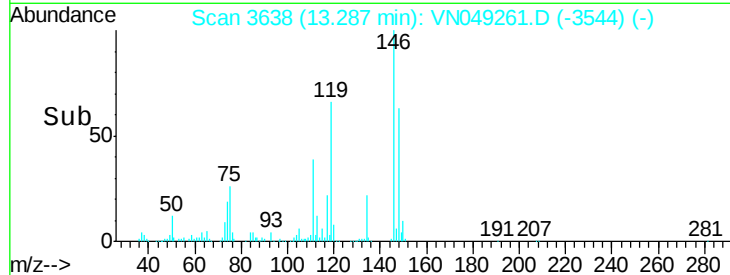
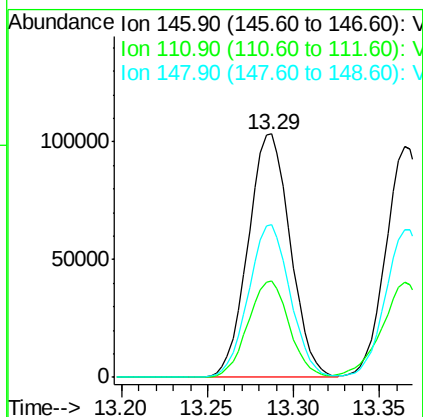
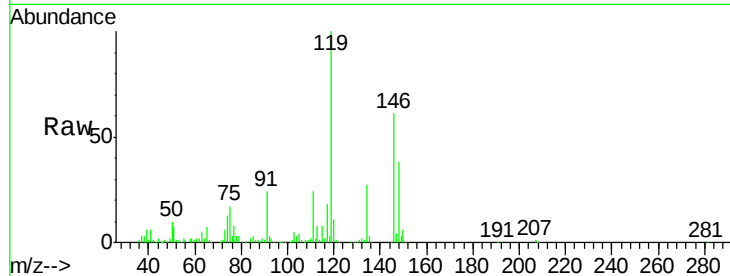




#87
 1,3-Dichlorobenzene
 Concen: 5.679 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

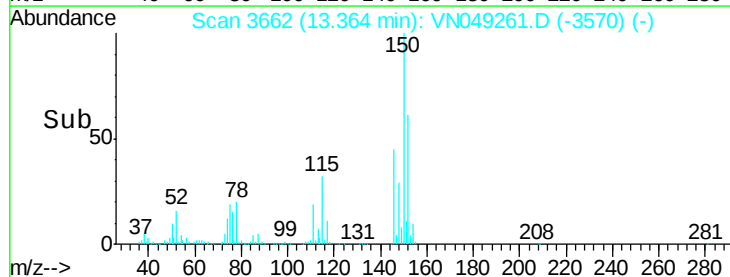
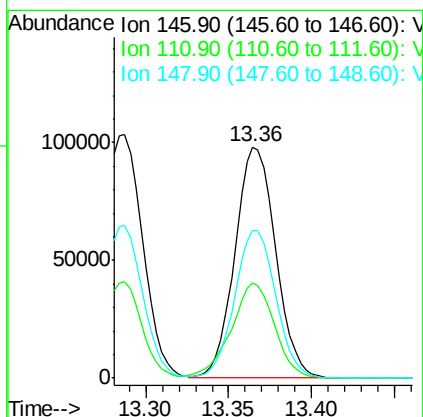
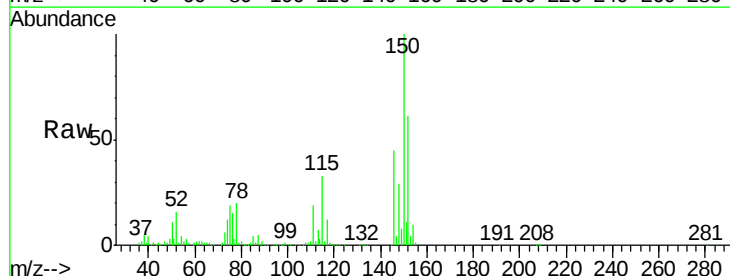
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

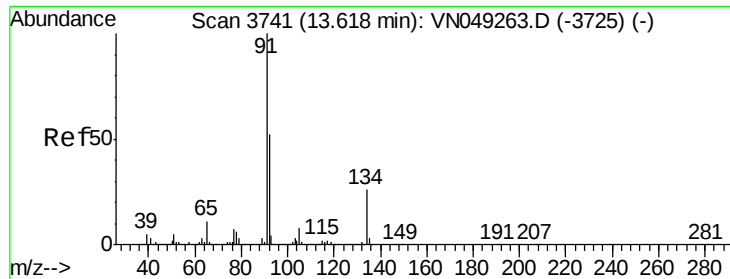
Tgt Ion:146 Resp: 175820
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.9 59.6
 148 62.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.495 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion:146 Resp: 167567
 Ion Ratio Lower Upper
 146 100
 111 44.1 19.1 57.1
 148 64.7 32.0 96.2

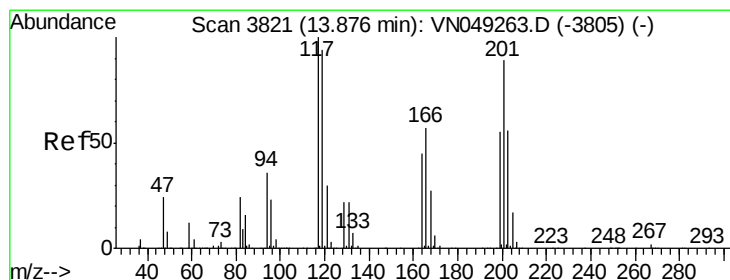
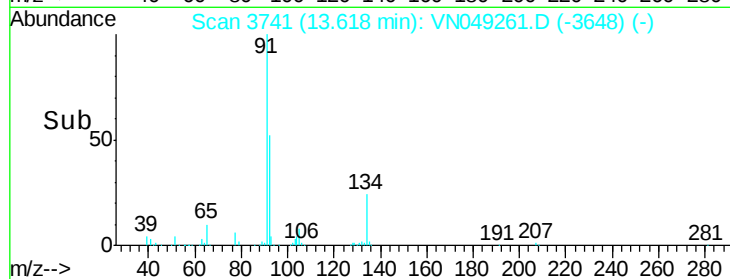
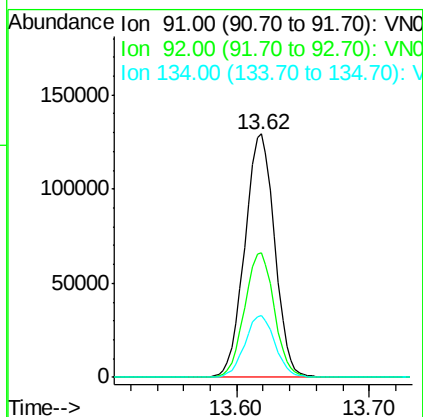
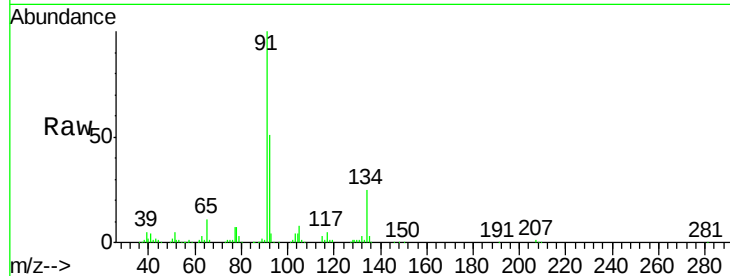




#89
n-Butylbenzene
Concen: 4.625 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

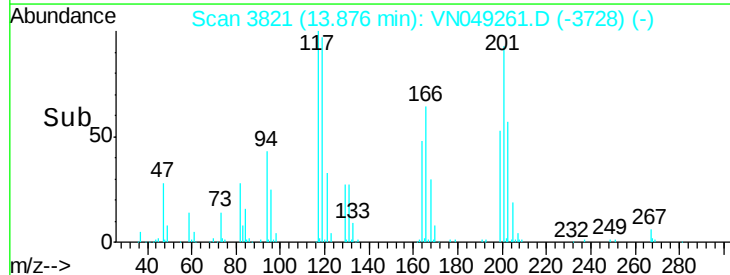
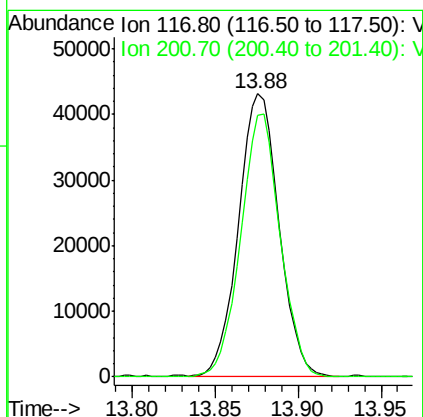
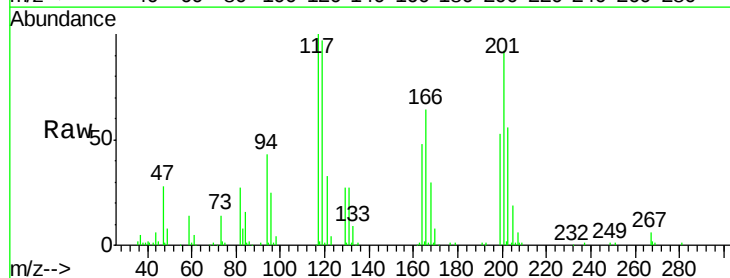
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

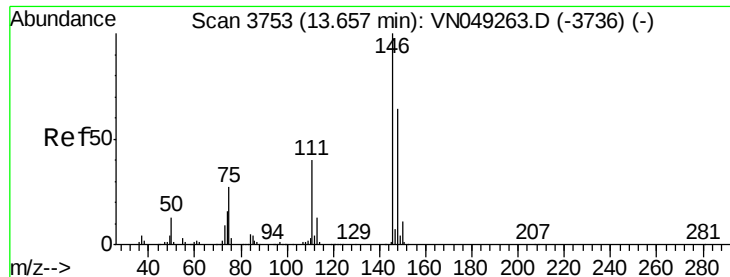
Tgt Ion:	91	Resp:	201520
Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.1	75.4
134	25.6	12.0	36.0



#90
Hexachloroethane
Concen: 5.504 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049261.D
Acq: 15 Jun 2018 14:27

Tgt Ion:	117	Resp:	73226
Ion	Ratio	Lower	Upper
117	100		
201	90.2	40.1	120.2

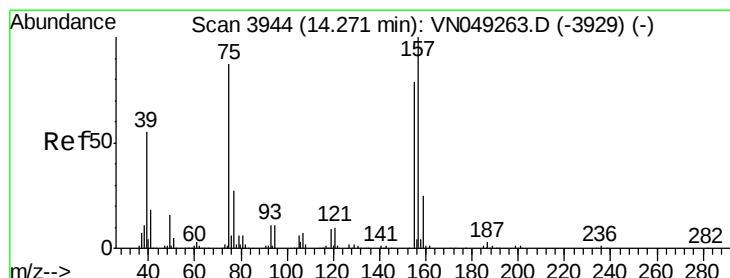
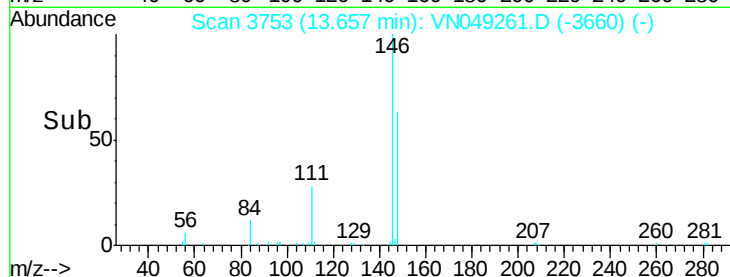
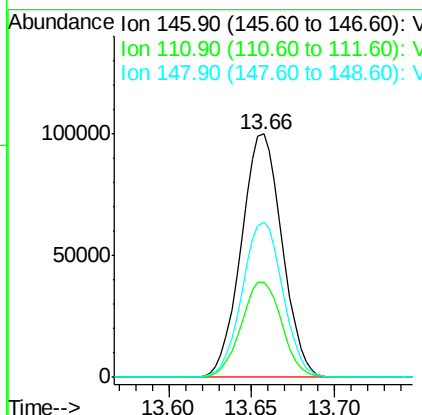
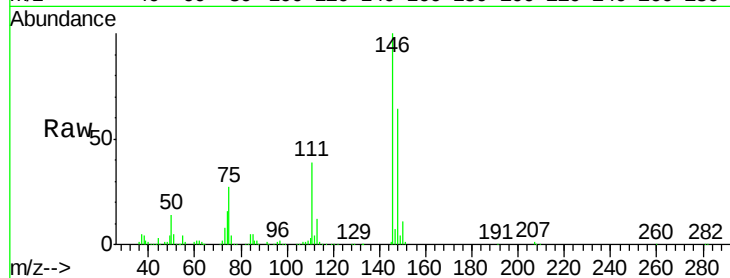




#91
 1,2-Dichlorobenzene
 Concen: 5.625 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

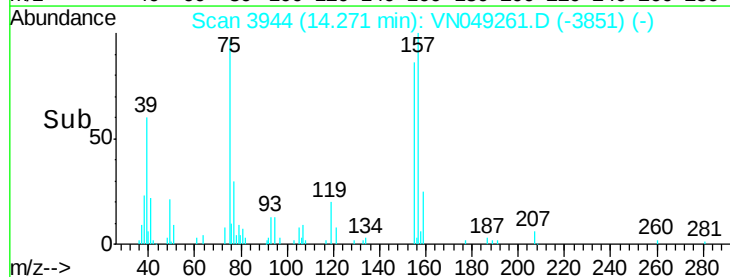
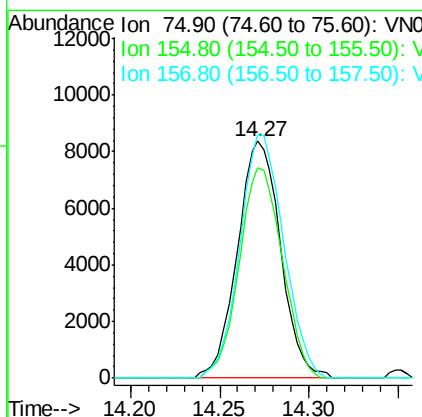
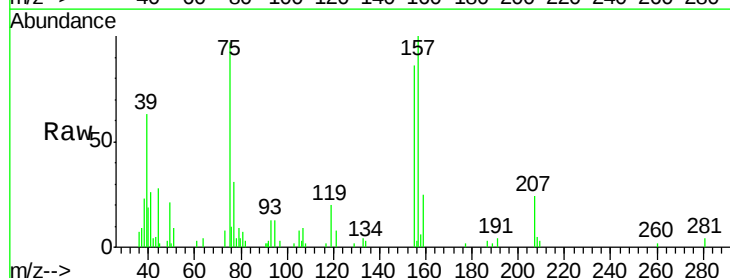
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

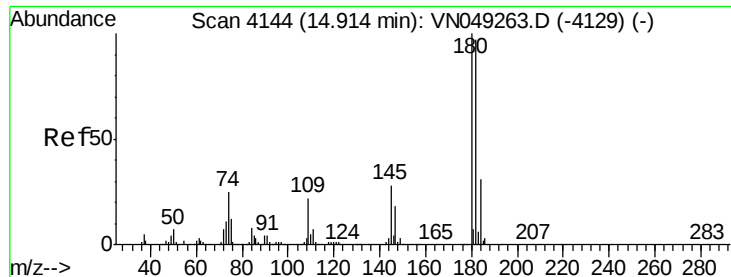
Tgt Ion: 146 Resp: 171317
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.8 62.2
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.111 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion: 75 Resp: 14069
 Ion Ratio Lower Upper
 75 100
 155 89.0 38.8 116.3
 157 105.0 51.0 153.1

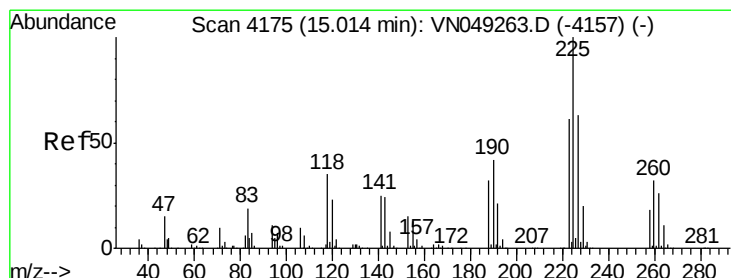
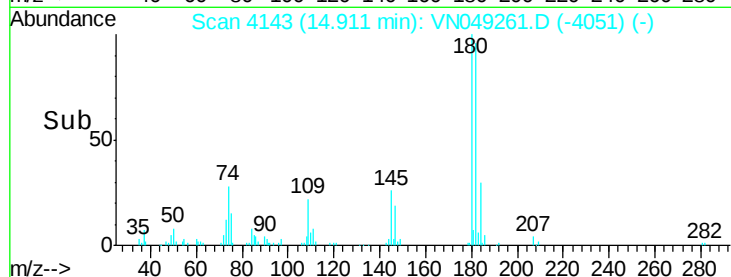
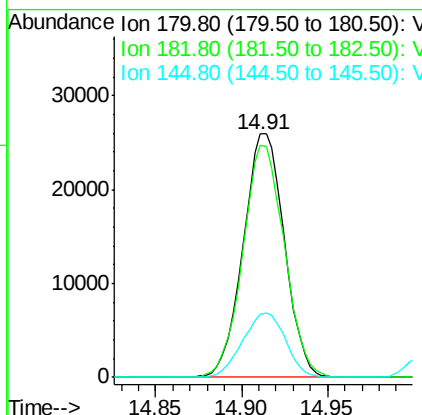
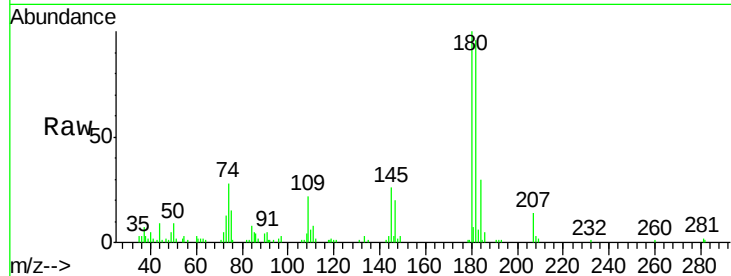




#93
 1,2,4-Trichlorobenzene
 Concen: 3.858 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

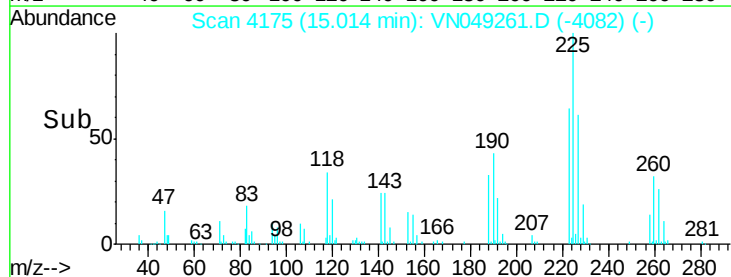
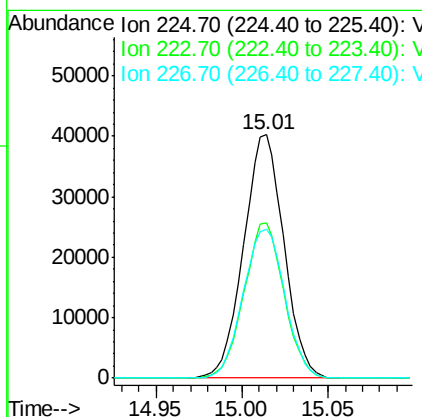
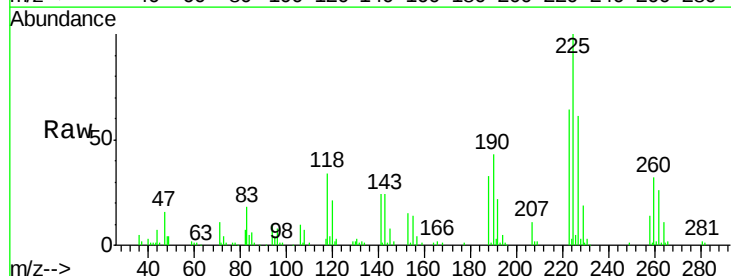
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

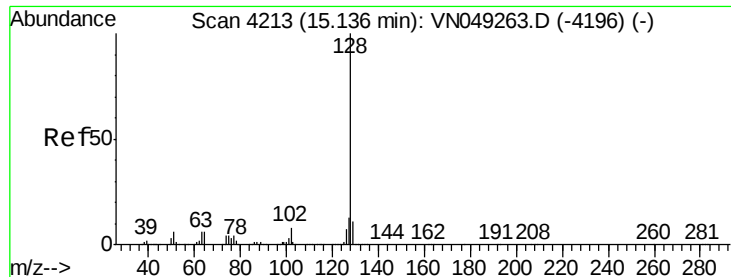
Tgt Ion:180 Resp: 43107
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.8
 145 27.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 7.099 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049261.D
 Acq: 15 Jun 2018 14:27

Tgt Ion:225 Resp: 65387
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.3
 227 63.2 31.8 95.3





#95

Naphthalene

Concen: 3.760 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

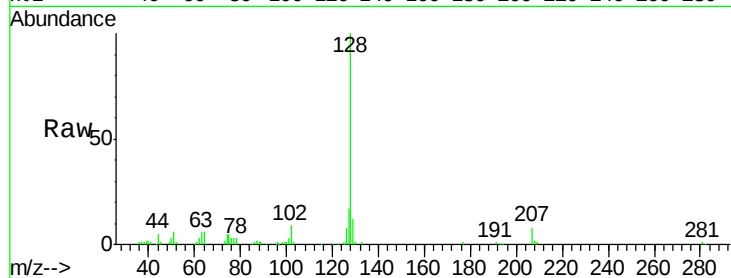
Tgt Ion:128 Resp: 91491

Ion Ratio Lower Upper

128 100

127 14.9 10.6 16.0

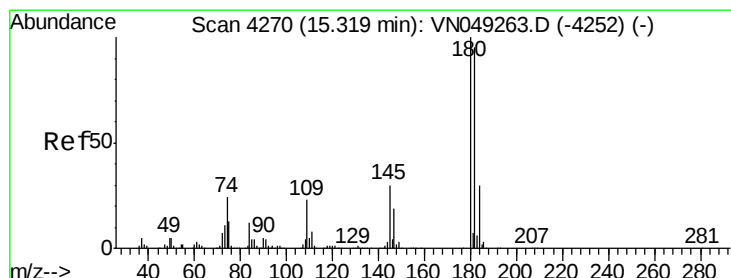
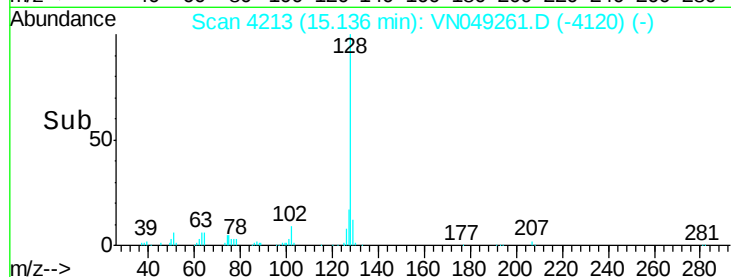
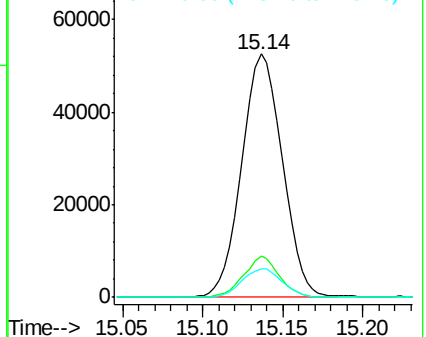
129 11.6 8.5 12.7



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: 4.333 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049261.D

Acq: 15 Jun 2018 14:27

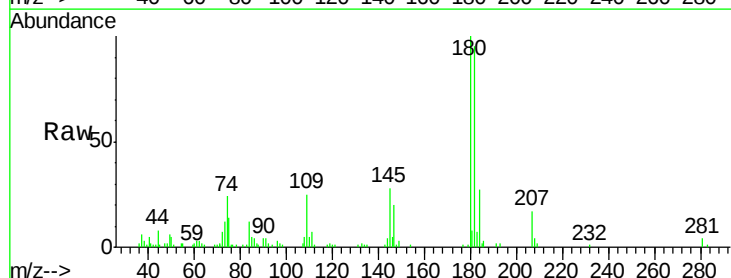
Tgt Ion:180 Resp: 52112

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 27.8 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

