

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049473.D
 Acq On : 21 Jun 2018 17:27
 Operator : MD\SY
 Sample : J3523-01ME
 Misc : 4.48µL/5.0mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 03:38:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1135433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1772698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1654471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	738835	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	751125	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	7.59	113	651501	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
50) Toluene-d8	10.09	98	2669941	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	861077	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	3468	0.21	ug/l	93
11) Tert butyl alcohol	4.74	59	10202	11.54	ug/l #	70
13) Acrolein	3.61	56	298	0.32	ug/l #	59
16) Acetone	3.82	43	16970	4.64	ug/l #	83
18) Methyl Acetate	4.33	43	166864	14.97	ug/l	97
20) Methylene Chloride	4.54	84	16003	1.05	ug/l #	81
25) 2-Butanone	6.85	43	13717	2.79	ug/l #	86
31) Cyclohexane	7.66	56	35572	1.43	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	78582	3.87	ug/l #	50
37) Ethyl Acetate	6.85	43	13717	1.24	ug/l #	73
38) Carbon Tetrachloride	7.67	117	101356	4.82	ug/l #	18
39) Methylcyclohexane	9.08	83	57708	2.65	ug/l	94
40) Benzene	8.04	78	39284	0.63	ug/l	100
43) Isopropyl Acetate	8.21	43	109308	5.18	ug/l #	64
48) Methyl methacrylate	9.22	41	4433	0.45	ug/l #	35
49) 1,4-Dioxane	9.20	88	430	3.14	ug/l #	69
51) 4-Methyl-2-Pentanone	10.02	43	15986	1.45	ug/l	93
52) Toluene	10.16	92	208661	5.71	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	318403	23.36	ug/l #	18
56) Ethyl methacrylate	10.43	69	69120	4.40	ug/l #	30
58) 2-Chloroethyl Vinyl ether	9.67	63	420	14.40	ug/l #	51
59) 2-Hexanone	10.72	43	409300	57.40	ug/l #	32
61) 1,2-Dibromoethane	11.00	107	2788	0.22	ug/l #	1
64) Tetrachloroethene	10.63	164	4040	0.24	ug/l	89
65) Chlorobenzene	11.54	112	20334	0.48	ug/l #	42
67) Ethyl Benzene	11.51	91	1614129	22.83	ug/l	97
68) m/p-Xylenes	11.62	106	3096348	116.71	ug/l	98
69) o-Xylene	11.95	106	607712	23.78	ug/l	96
70) Styrene	11.95	104	37157	0.92	ug/l #	1
73) Isopropylbenzene	12.25	105	80551	1.24	ug/l	95
74) N-amyl acetate	12.05	43	299971	18.88	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.45	83	20925	Below	Cal #	90
76) 1,2,3-Trichloropropane	12.40	75	421573	33.44	ug/l #	100
78) n-propylbenzene	12.59	91	170662	2.40	ug/l	100

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

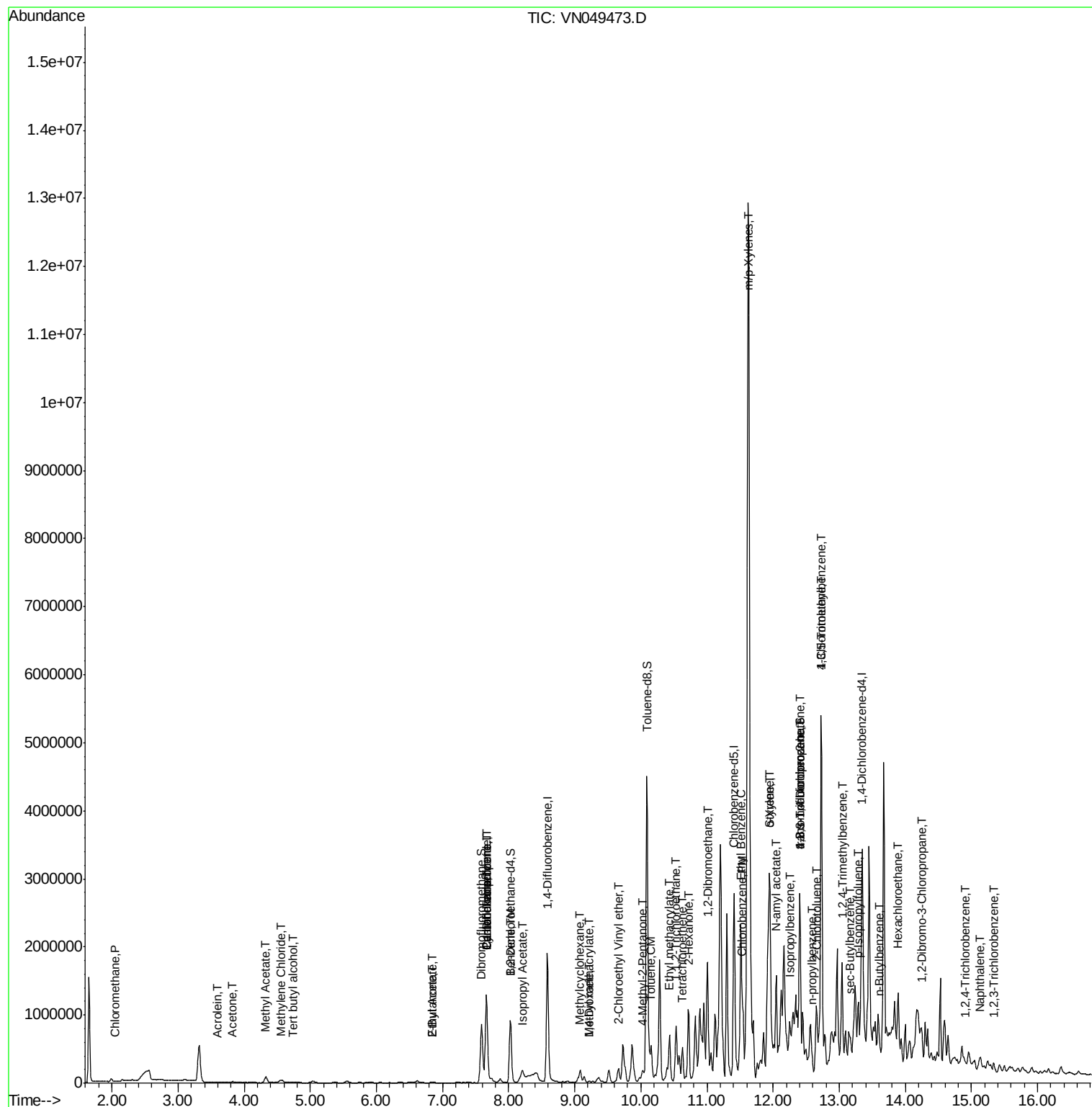
79) 2-Chlorotoluene	12.66	91	59539	1.32	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.73	105	332370	6.52	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	421573	105.69	ug/l #	8
82) 4-Chlorotoluene	12.73	91	34559	0.79	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.04	105	731480	14.44	ug/l	98
85) sec-Butylbenzene	13.17	105	68874	1.15	ug/l #	69
86) p-Isopropyltoluene	13.29	119	64336	1.28	ug/l	96
89) n-Butylbenzene	13.62	91	56484	1.44	ug/l #	63
90) Hexachloroethane	13.89	117	33849	1.93	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1484	0.66	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.92	180	2199	4.90	ug/l #	1
94) Hexachlorobutadiene	15.01	225	127	Below Cal	#	54
95) Naphthalene	15.14	128	134476	8.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.33	180	860	3.52	ug/l #	1

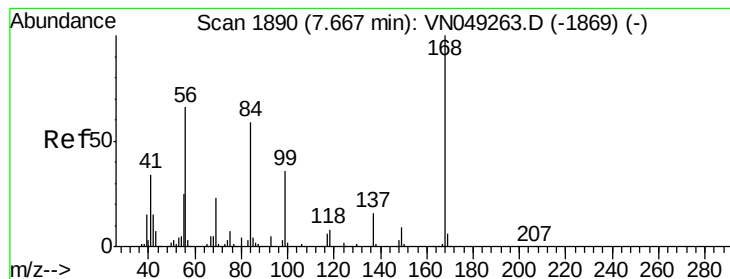
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

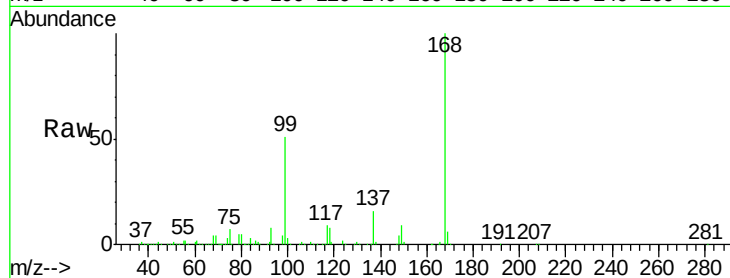
ClientSampled :

Tot Ion:168 Resp: 1135433

Ion Ratio Lower Upper

168 100

99 51.2 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

400000

300000

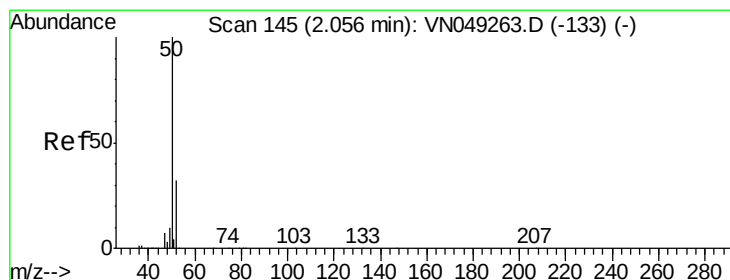
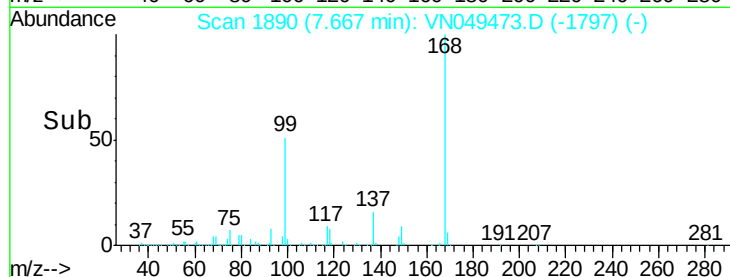
200000

100000

0

7.50 7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN049473.D

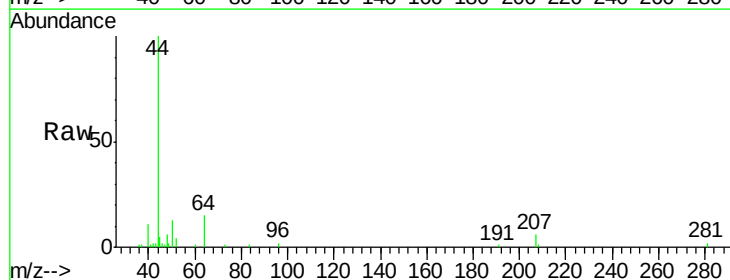
Acq: 21 Jun 2018 17:27

Tgt Ion: 50 Resp: 3468

Ion Ratio Lower Upper

50 100

52 35.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.05

2000

1500

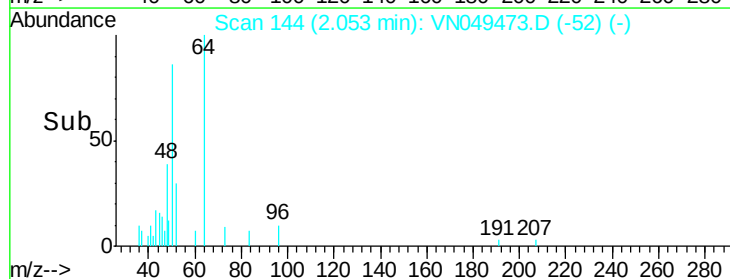
1000

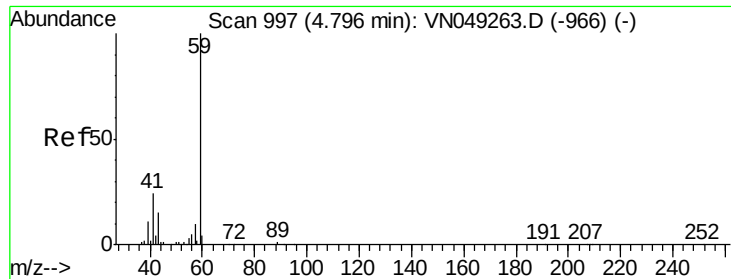
500

0

2.00 2.05 2.10

Time-->

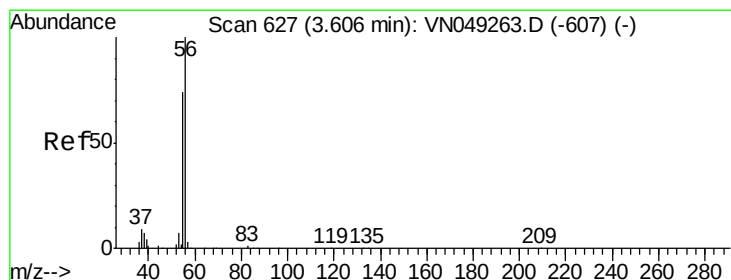
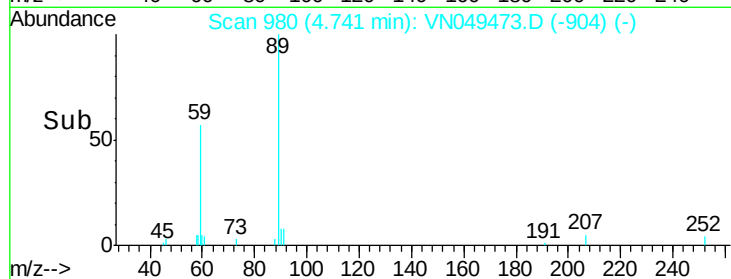
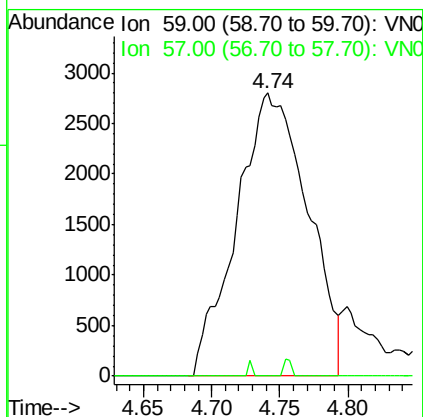
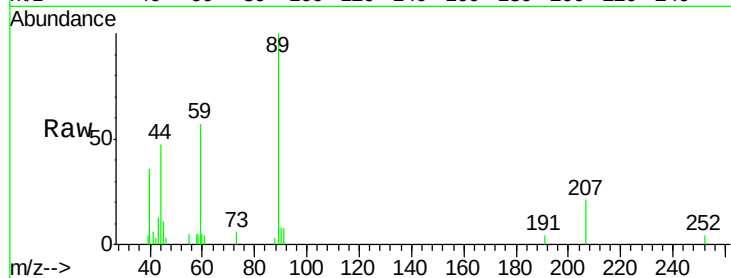




#11
Tert butyl alcohol
Concen: 11.54 ug/l
RT: 4.74 min Scan# 980
Delta R.T. -0.05 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

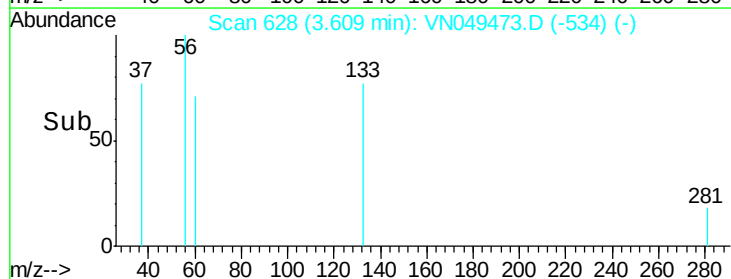
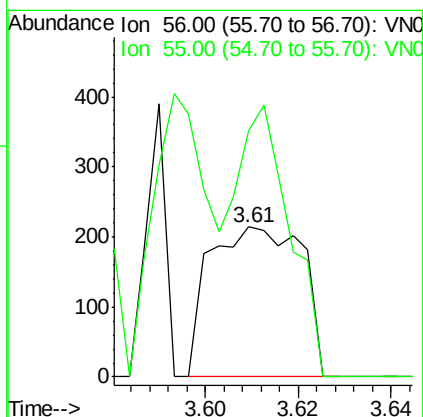
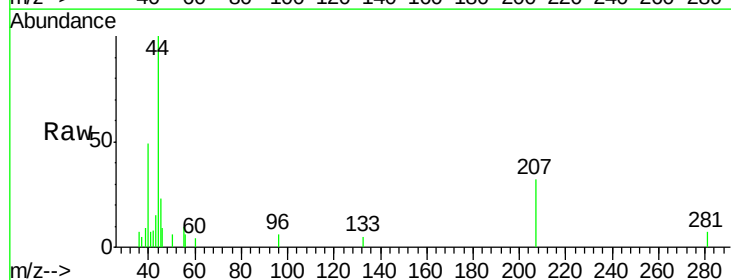
Instrument :
MSVOA_N
ClientSampled :

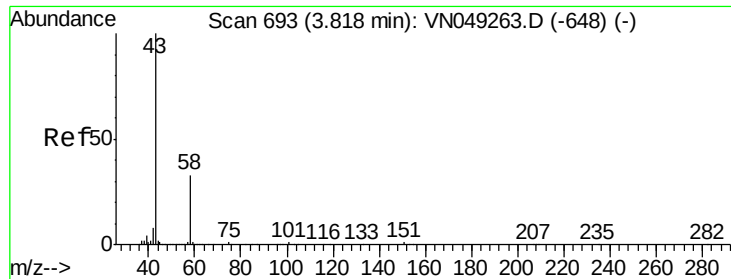
Tot Ion: 59 Resp: 10202
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#13
Acrolein
Concen: 0.32 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 105.7 57.1 85.7#





#16

Acetone

Concen: 4.64 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

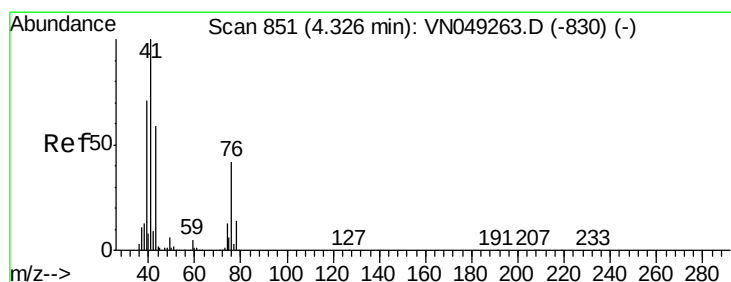
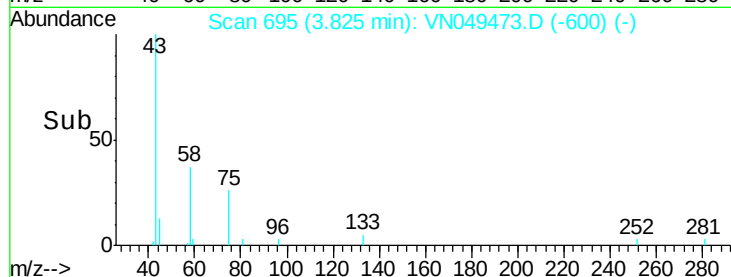
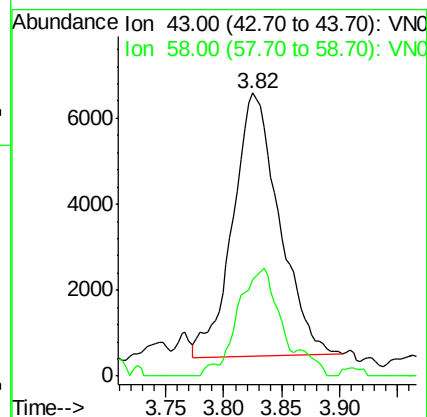
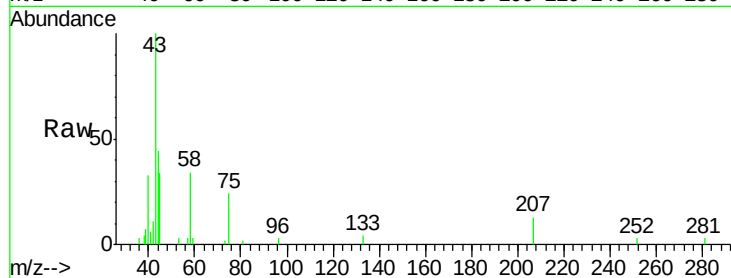
ClientSampled :

Tot Ion: 43 Resp: 16970

Ion Ratio Lower Upper

43 100

58 37.1 22.4 33.6#



#18

Methyl Acetate

Concen: 14.97 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049473.D

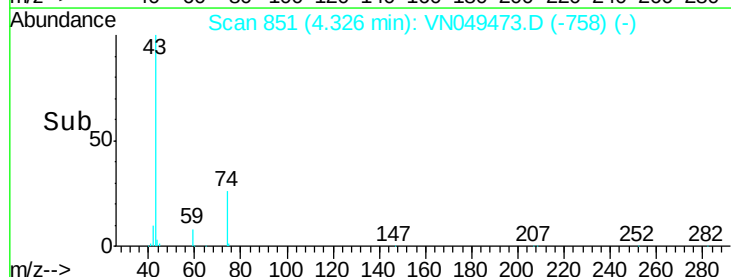
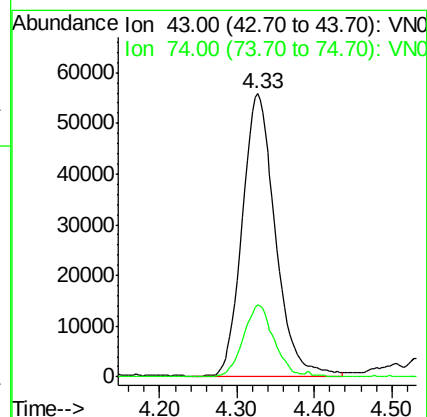
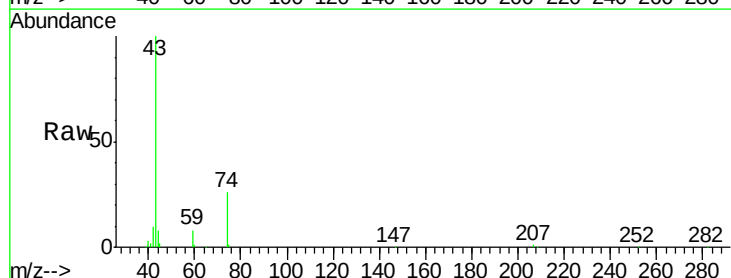
Acq: 21 Jun 2018 17:27

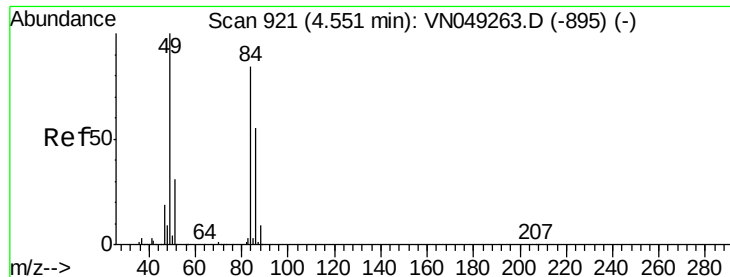
Tgt Ion: 43 Resp: 166864

Ion Ratio Lower Upper

43 100

74 23.3 17.4 26.0

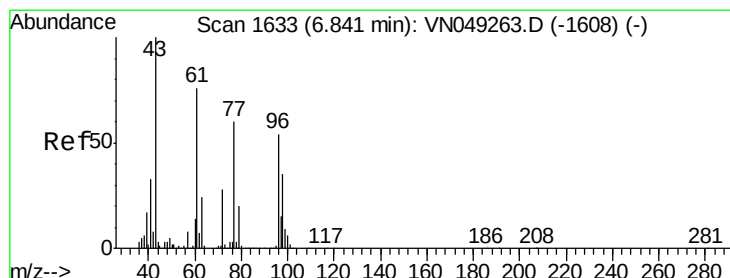
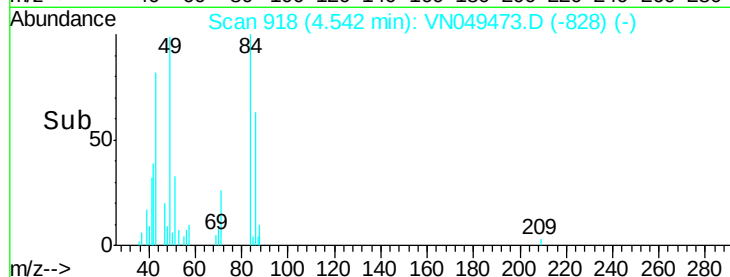
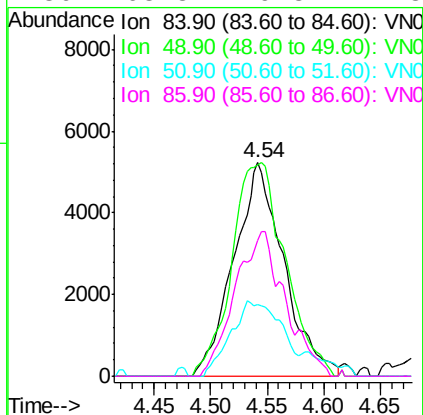
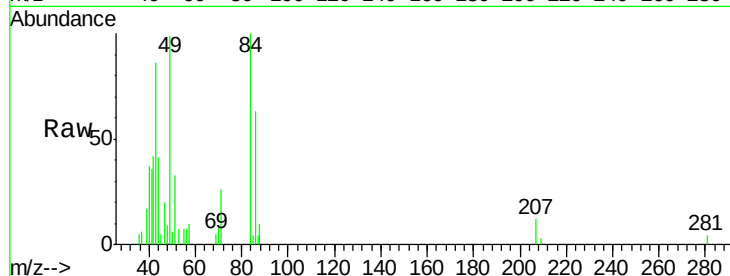




#20
Methylene Chloride
Concen: 1.05 ug/l
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

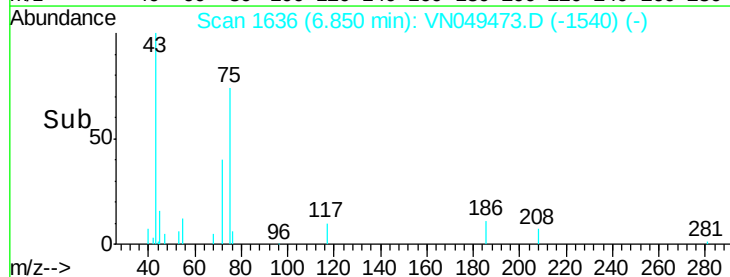
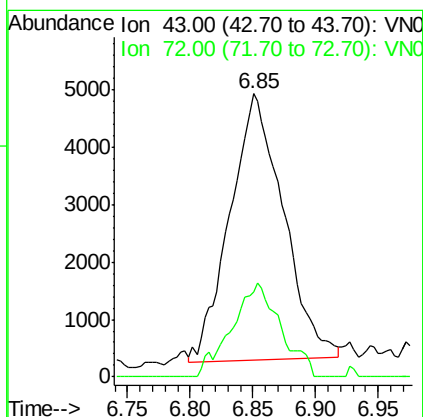
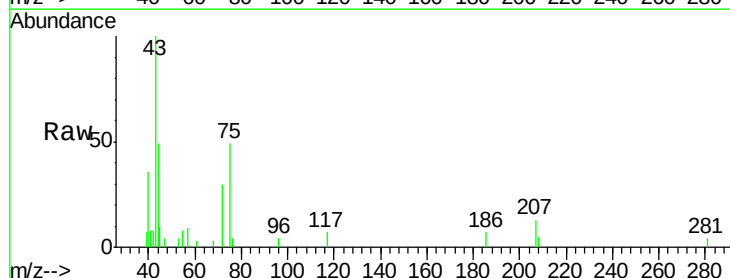
Instrument :
MSVOA_N
ClientSampleId :

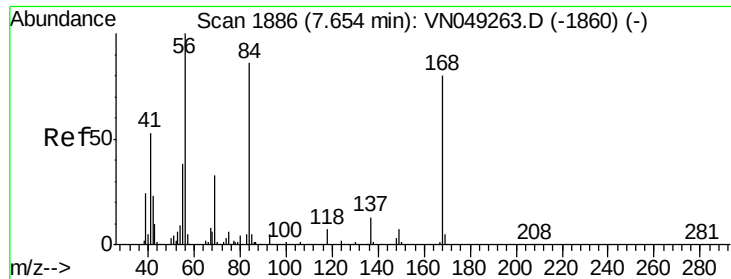
Tot Ion: 84 Resp: 16003
Ion Ratio Lower Upper
84 100
49 98.9 106.9 160.3#
51 33.4 32.7 49.1
86 63.3 49.8 74.8



#25
2-Butanone
Concen: 2.79 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion: 43 Resp: 13717
Ion Ratio Lower Upper
43 100
72 32.5 20.2 30.2#





#31

Cyclohexane

Concen: 1.43 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

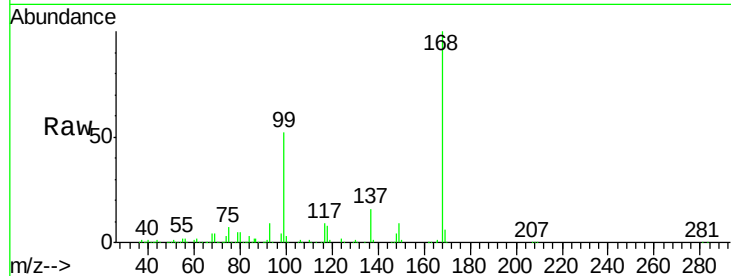
Tot Ion: 56 Resp: 35572

Ion Ratio Lower Upper

56 100

69 168.1 25.0 37.4#

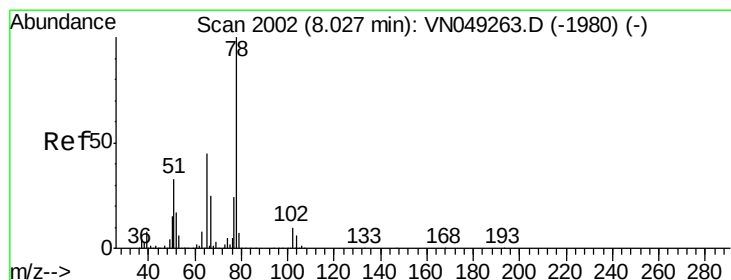
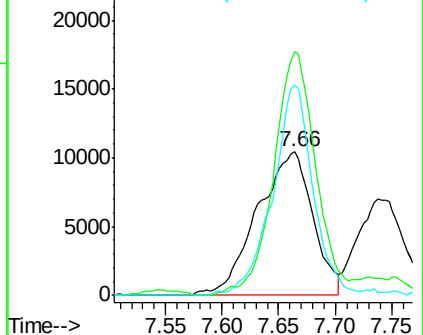
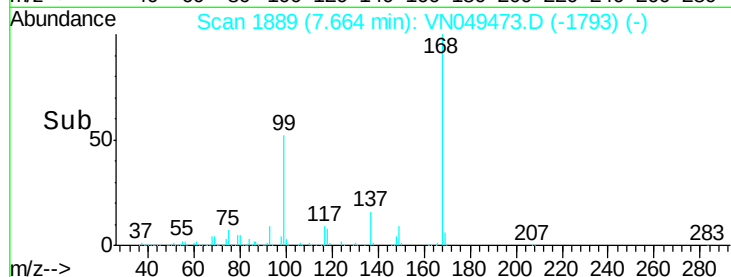
84 147.1 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049473.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049473.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049473.D (-1793) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.88 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049473.D

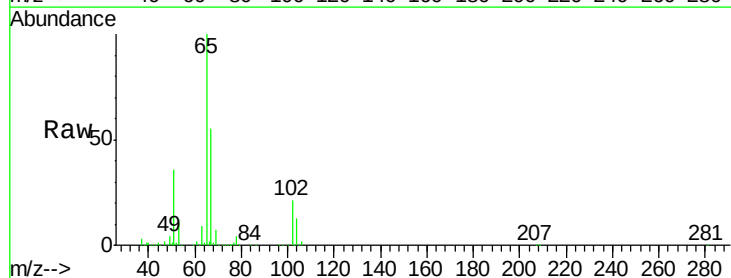
Acq: 21 Jun 2018 17:27

Tgt Ion: 65 Resp: 751125

Ion Ratio Lower Upper

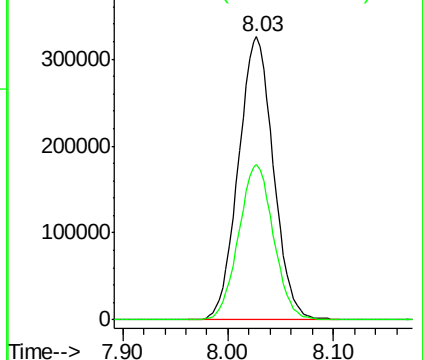
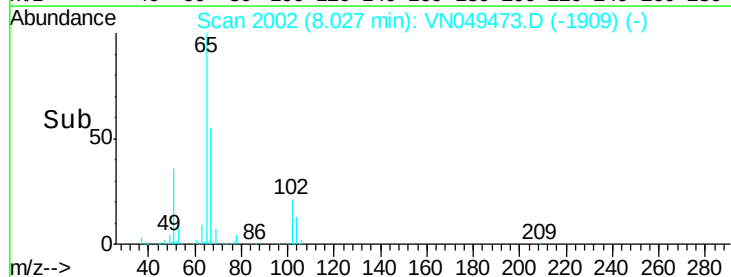
65 100

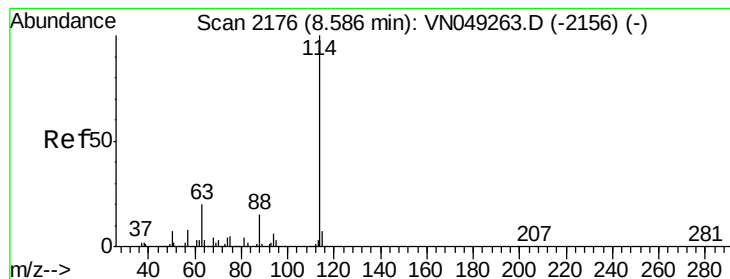
67 54.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049473.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049473.D (-1909) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

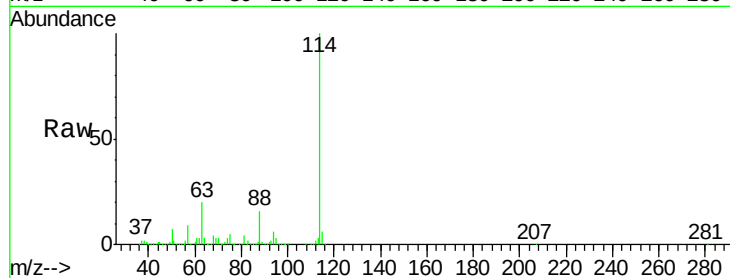
Tot Ion:114 Resp: 1772698

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

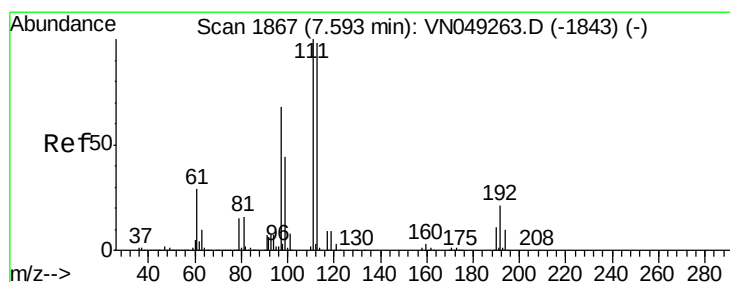
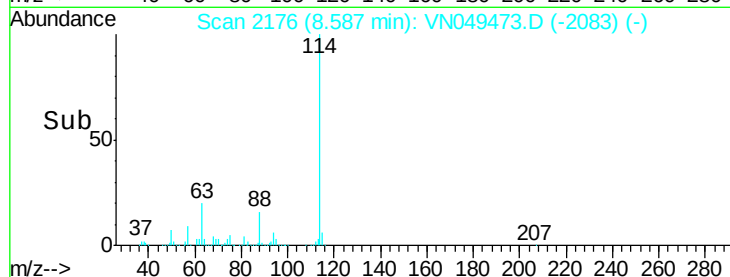
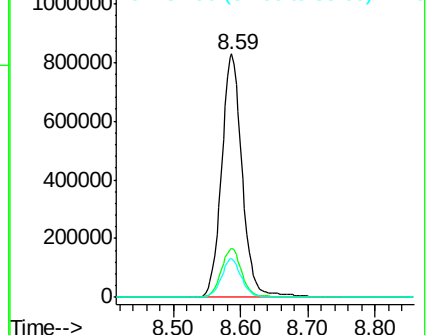
88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.43 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

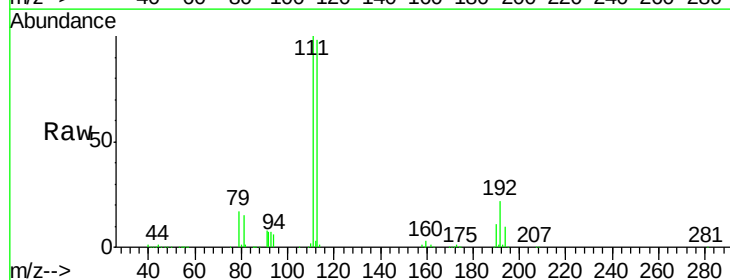
Tgt Ion:113 Resp: 651501

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

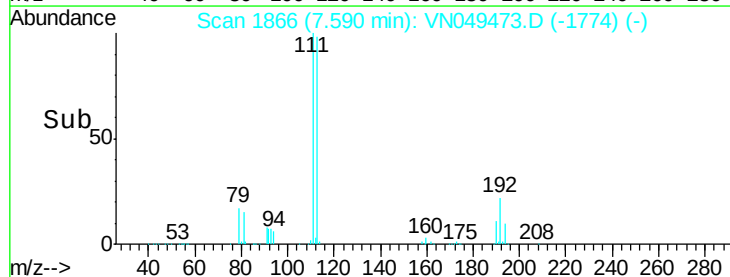
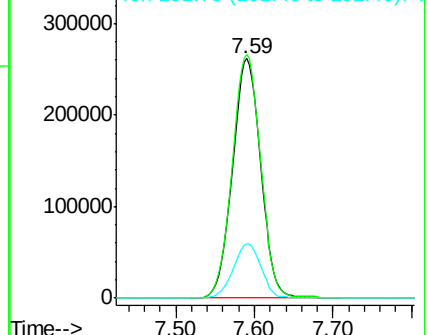
192 22.5 15.0 22.6

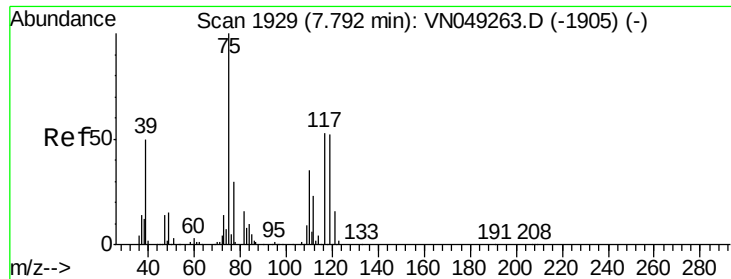


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

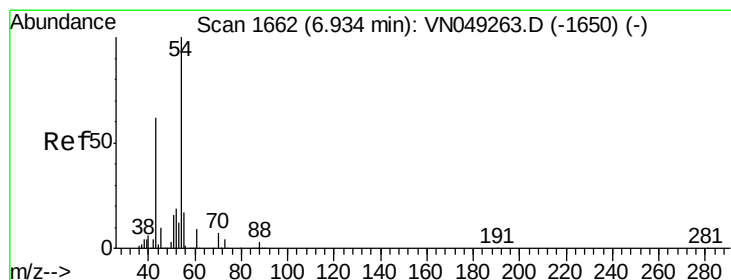
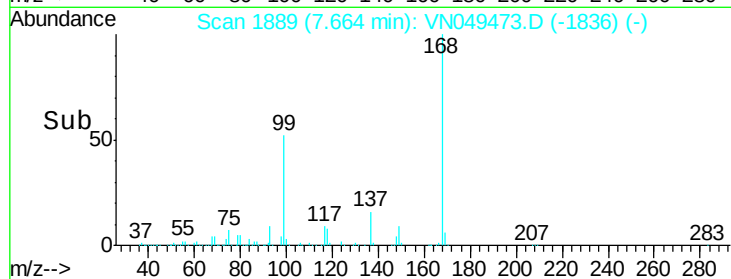
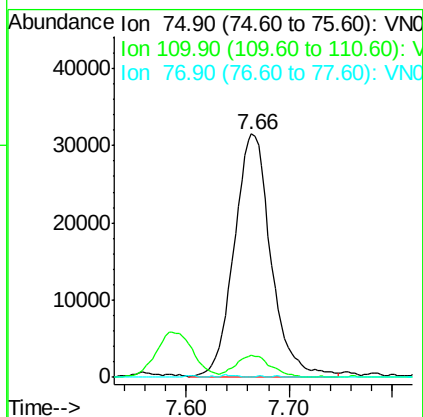
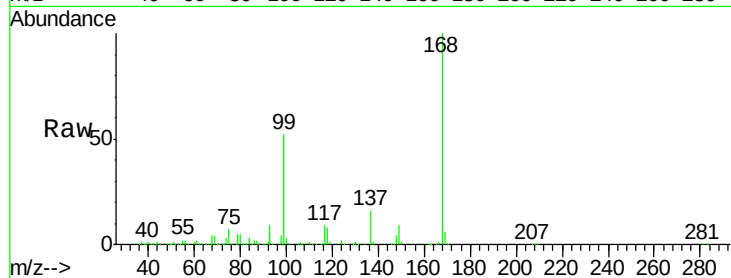




#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

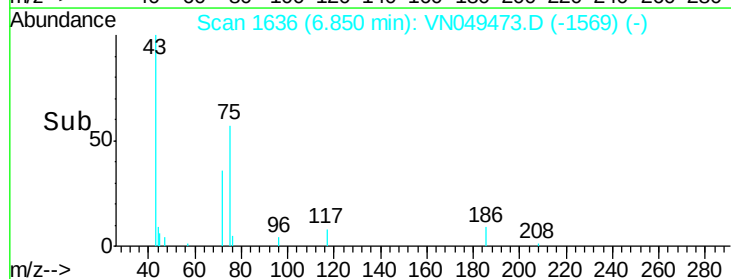
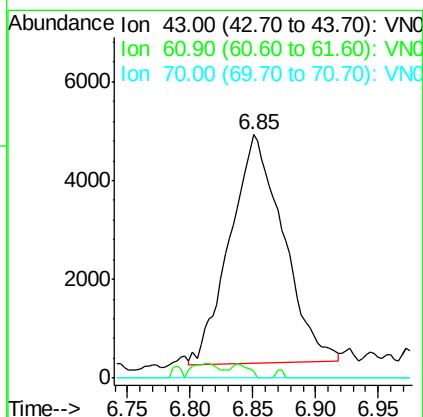
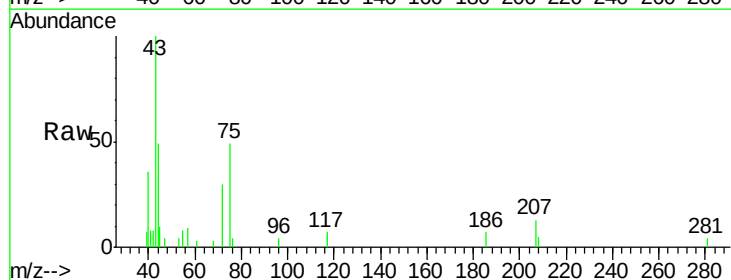
Instrument :
 MSVOA_N
 ClientSampleId :

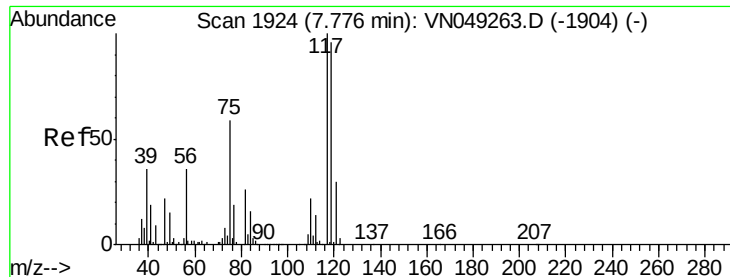
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 1.24 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	2.2	11.0	16.4#
70	0.0	7.2	10.8#

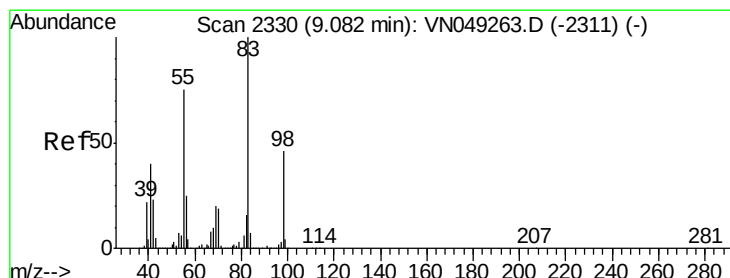
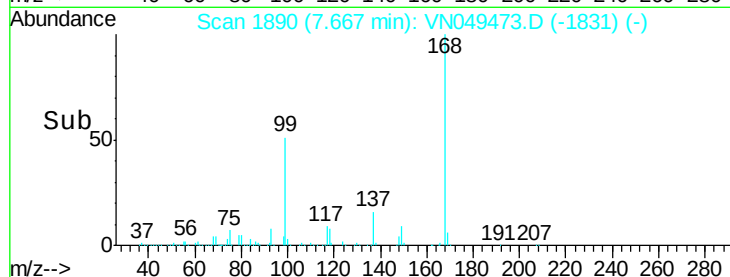
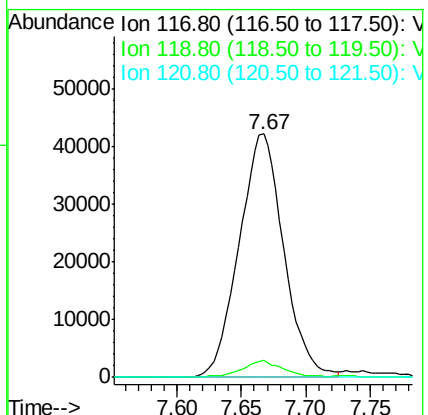
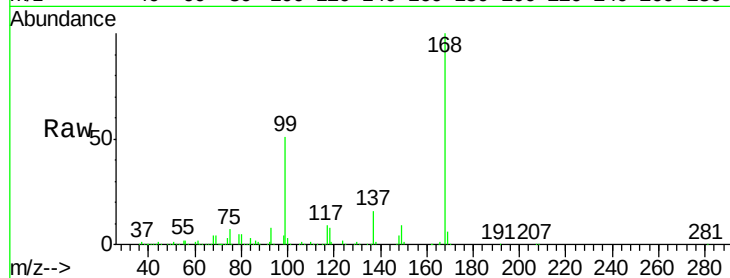




#38
Carbon Tetrachloride
Concen: 4.82 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

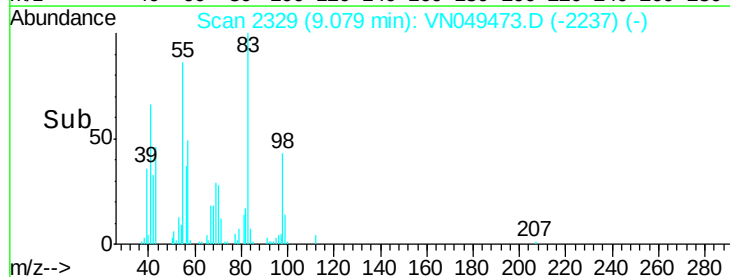
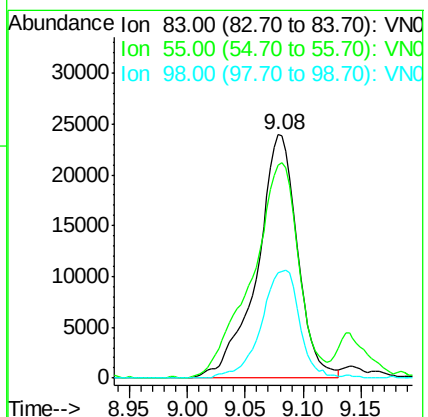
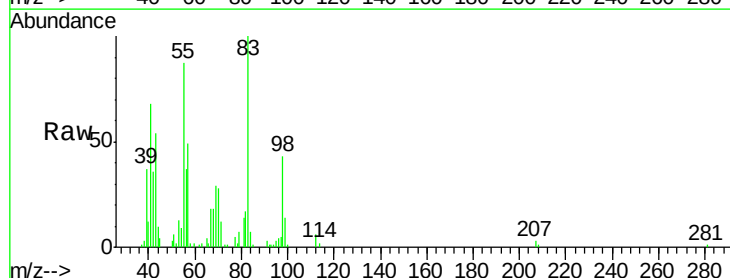
Instrument :
MSVOA_N
ClientSampled :

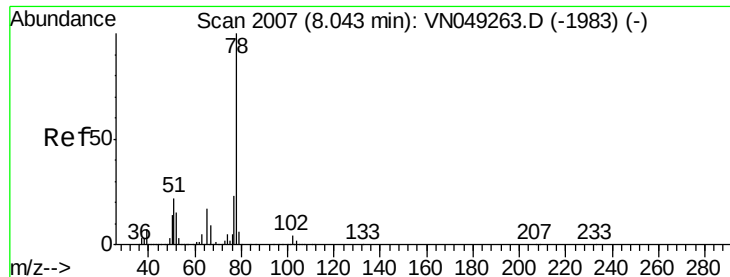
Tot Ion:117 Resp: 101356
Ion Ratio Lower Upper
117 100
119 6.8 75.6 113.4#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 2.65 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion: 83 Resp: 57708
Ion Ratio Lower Upper
83 100
55 87.3 65.1 97.7
98 43.0 36.5 54.7





#40

Benzene

Concen: 0.63 ug/l

RT: 8.04 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

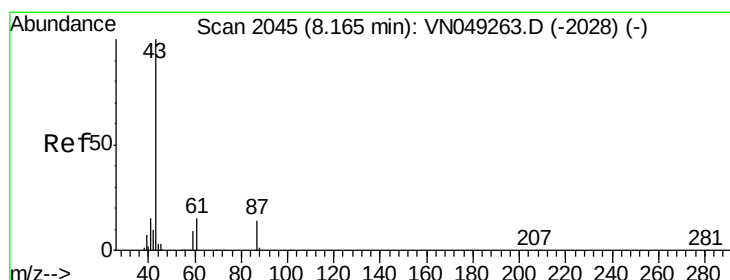
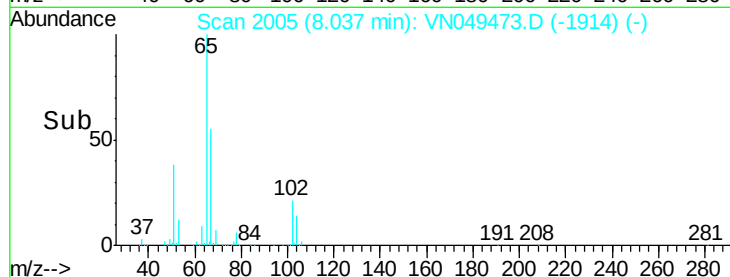
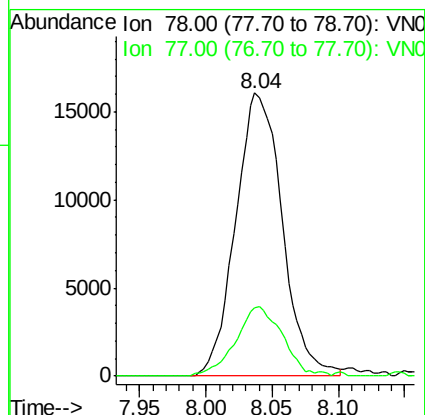
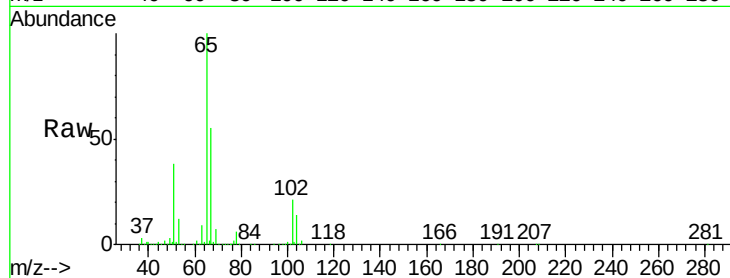
ClientSampleId :

Tot Ion: 78 Resp: 39284

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0



#43

Isopropyl Acetate

Concen: 5.18 ug/l

RT: 8.21 min Scan# 2059

Delta R.T. 0.05 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

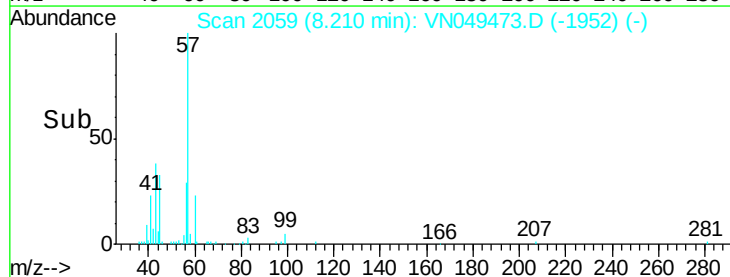
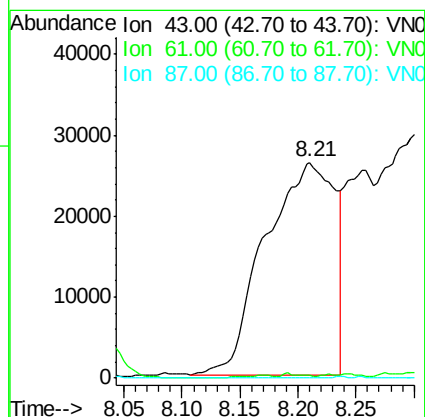
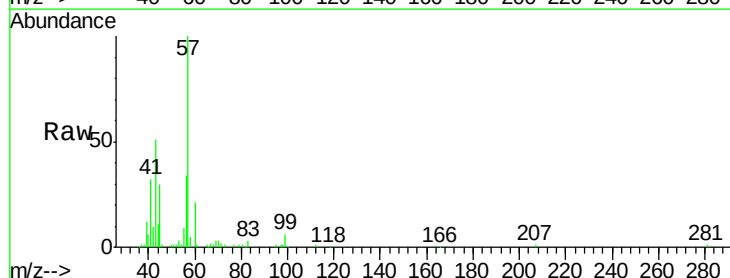
Tgt Ion: 43 Resp: 109308

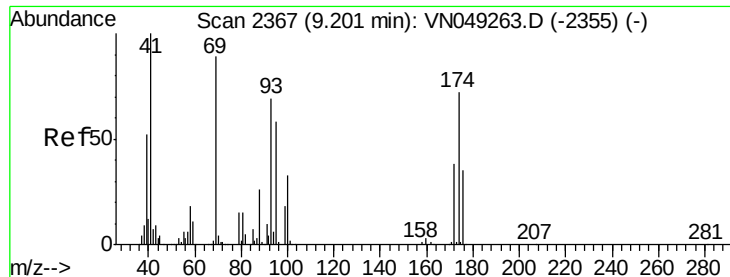
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#

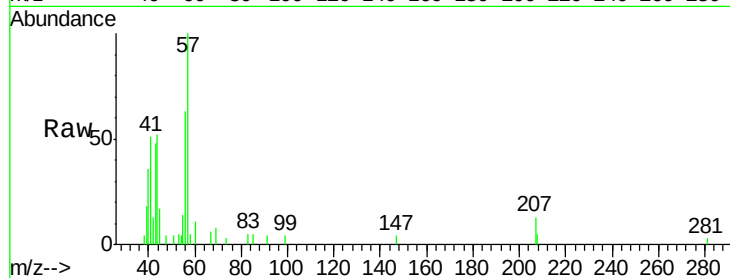




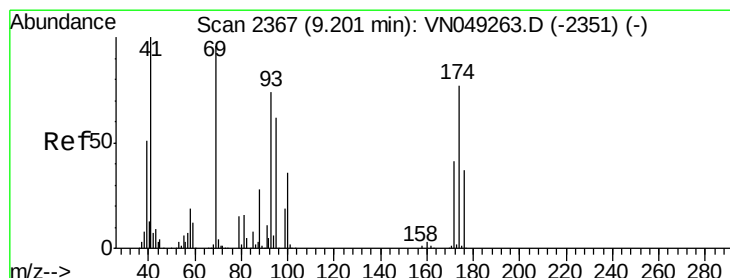
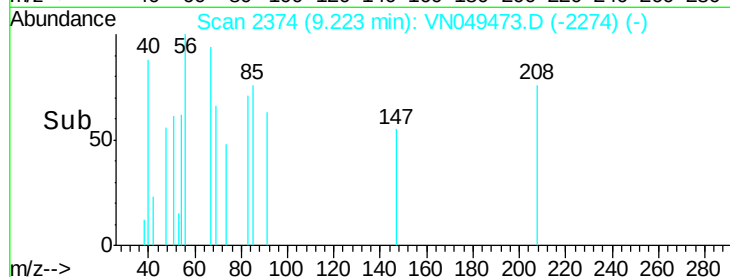
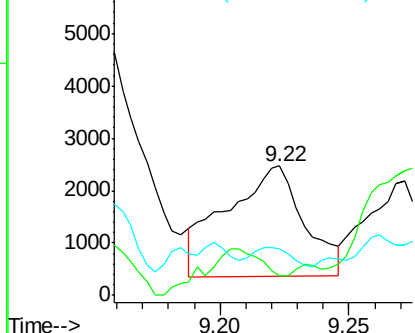
#48
Methvl methacrylate
Concen: 0.45 ug/l
RT: 9.22 min Scan# 2374
Delta R.T. 0.02 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 4433
Ion Ratio Lower Upper
41 100
69 33.3 62.0 93.0#
39 0.0 50.6 75.8#

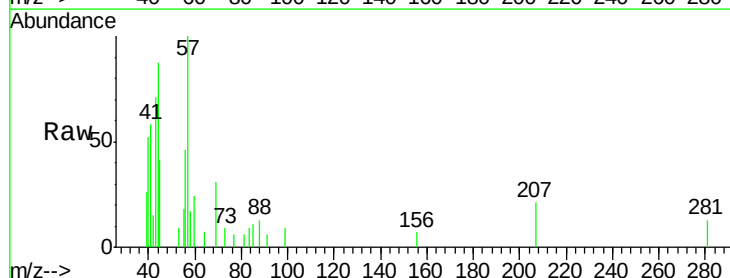


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

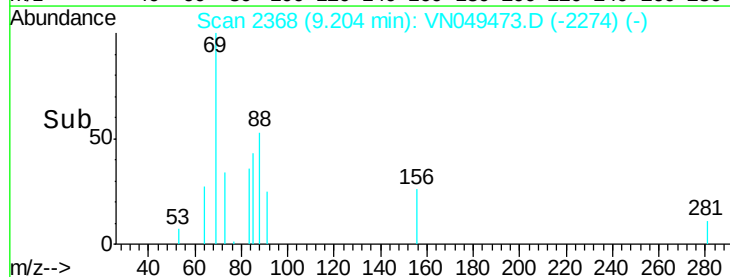
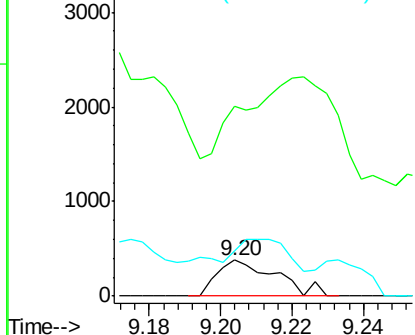


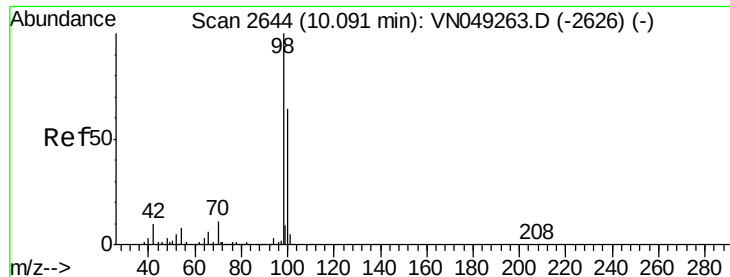
#49
1,4-Dioxane
Concen: 3.14 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion: 88 Resp: 430
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 85.3 58.9 88.3



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

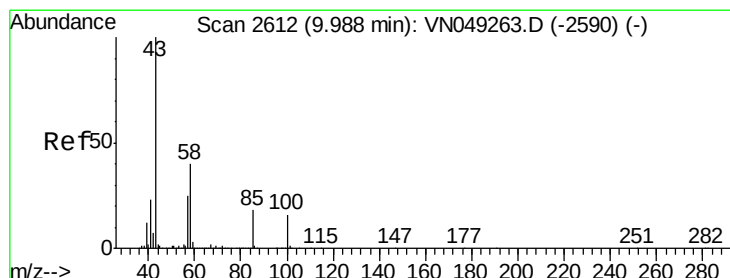
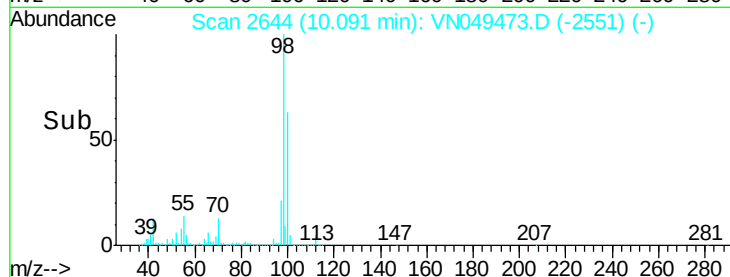
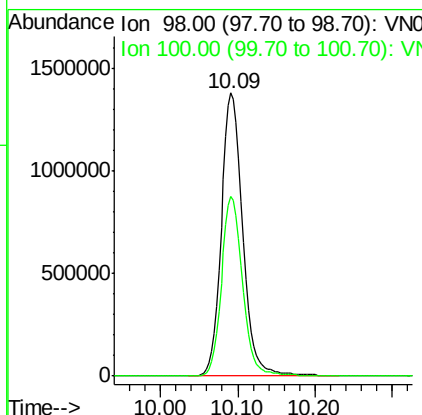
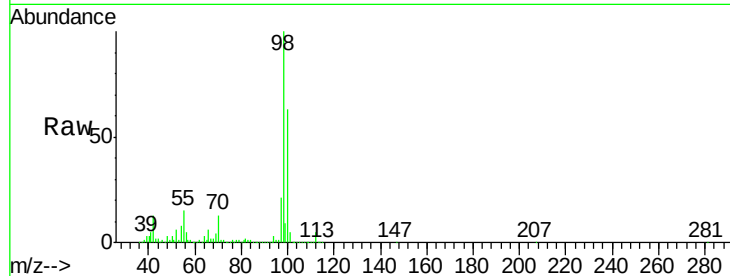




#50
Toluene-d8
Concen: 48.89 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

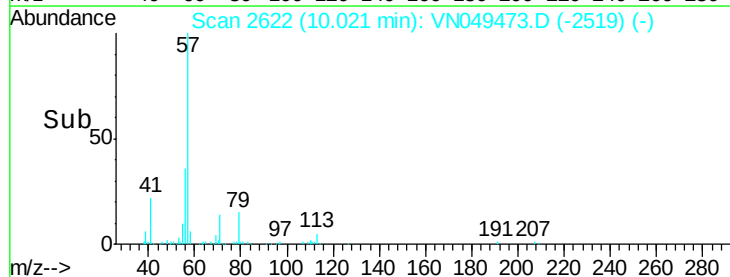
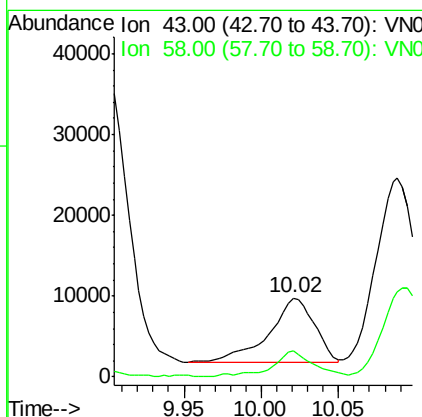
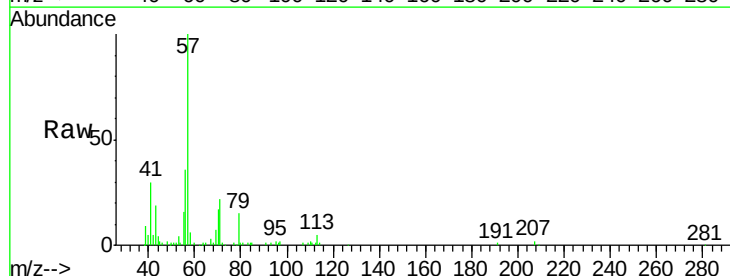
Instrument :
MSVOA_N
ClientSampled :

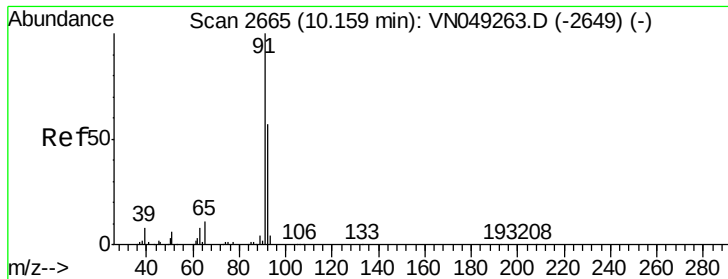
Tot Ion: 98 Resp: 2669941
Ion Ratio Lower Upper
98 100
100 62.7 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 1.45 ug/l
RT: 10.02 min Scan# 2622
Delta R.T. 0.03 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion: 43 Resp: 15986
Ion Ratio Lower Upper
43 100
58 32.4 29.0 43.6





#52

Toluene

Concen: 5.71 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

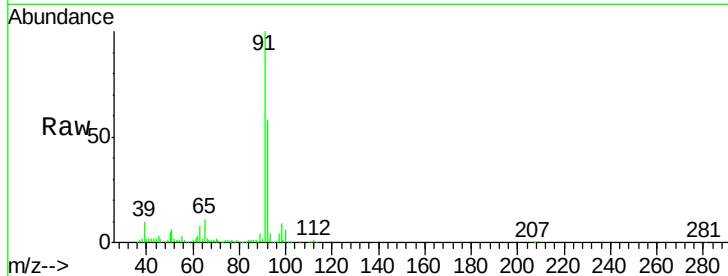
ClientSampled :

Tot Ion: 92 Resp: 208661

Ion Ratio Lower Upper

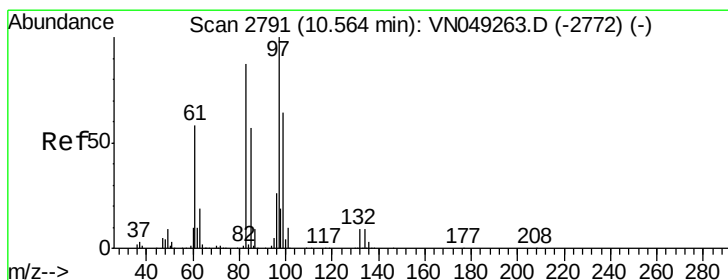
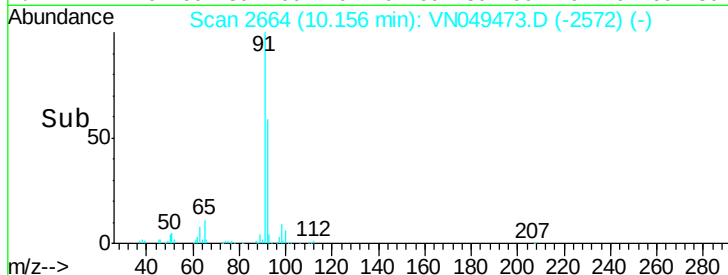
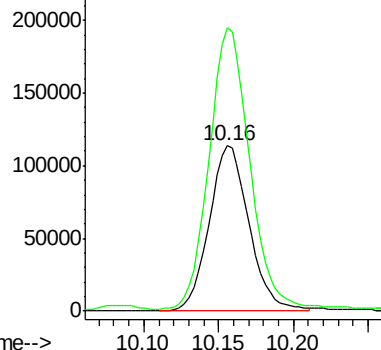
92 100

91 174.4 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#55

1,1,2-Trichloroethane

Concen: 23.36 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Tgt Ion: 97 Resp: 318403

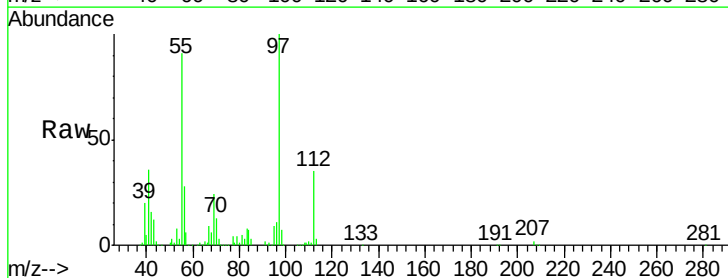
Ion Ratio Lower Upper

97 100

83 7.9 71.5 107.3#

85 2.5 47.0 70.4#

99 0.5 51.4 77.2#

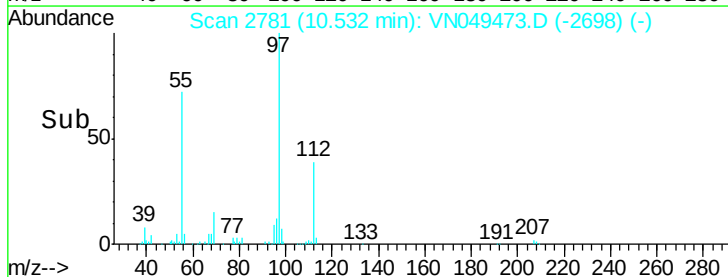
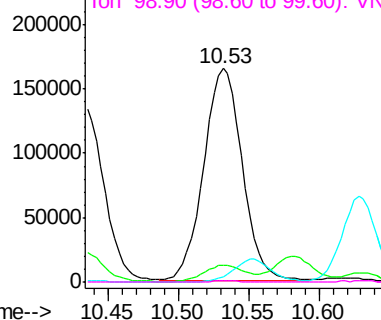


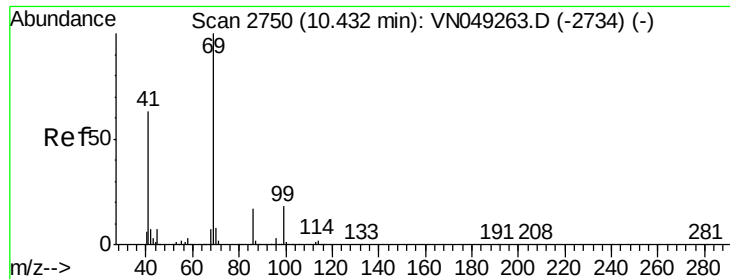
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

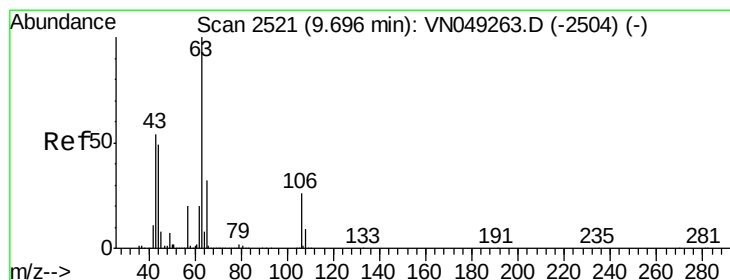
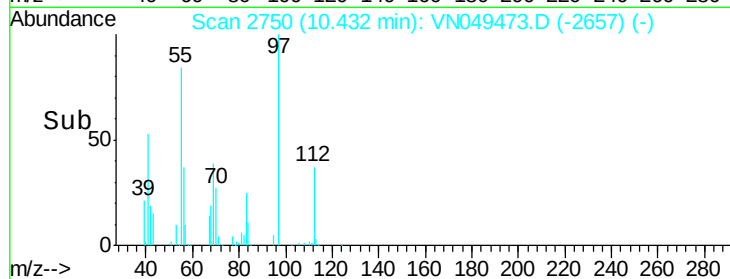
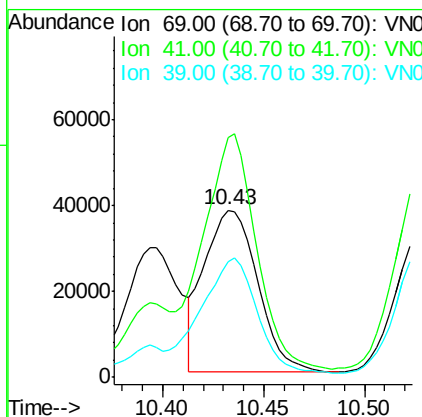
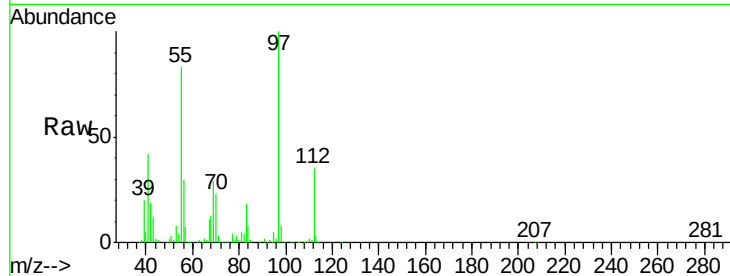




#56
Ethyl methacrylate
Concen: 4.40 ug/l
RT: 10.43 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

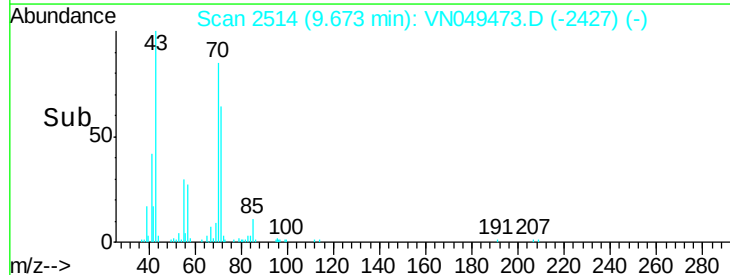
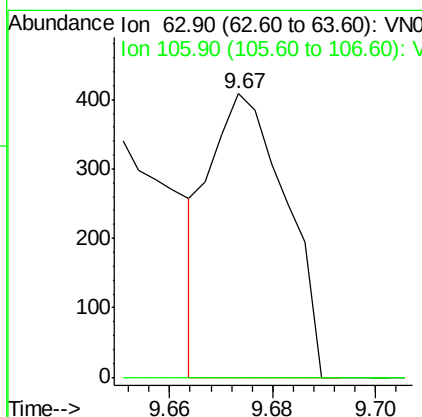
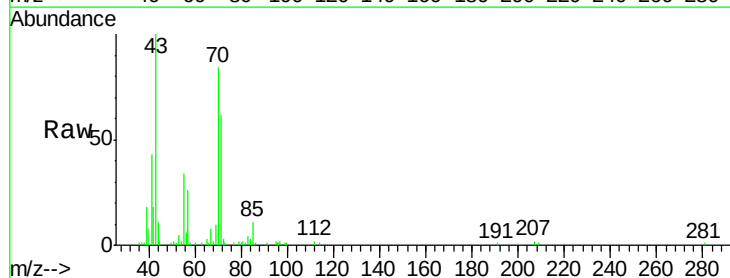
Instrument :
MSVOA_N
ClientSampleId :

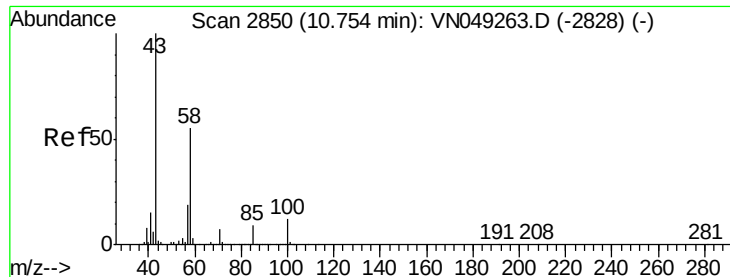
Tot Ion: 69 Resp: 69120
Ion Ratio Lower Upper
69 100
41 143.3 58.4 87.6#
39 74.5 35.5 53.3#



#58
2-Chloroethyl Vinyl ether
Concen: 14.40 ug/l
RT: 9.67 min Scan# 2514
Delta R.T. -0.02 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion: 63 Resp: 420
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#

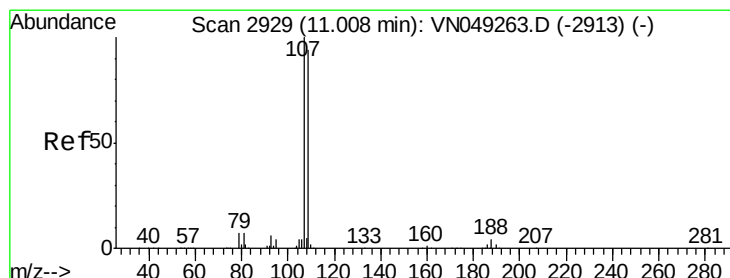
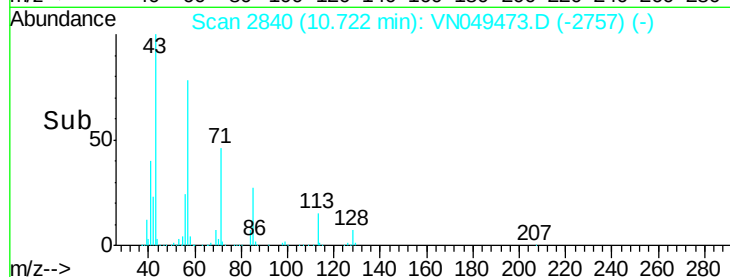
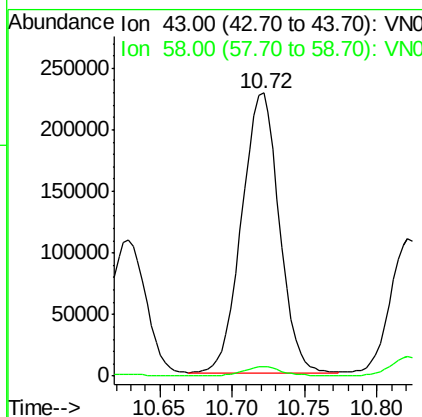
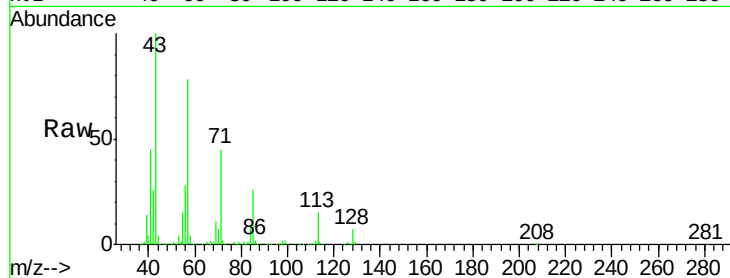




#59
 2-Hexanone
 Concen: 57.40 ug/l
 RT: 10.72 min Scan# 2840
 Delta R.T. -0.03 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

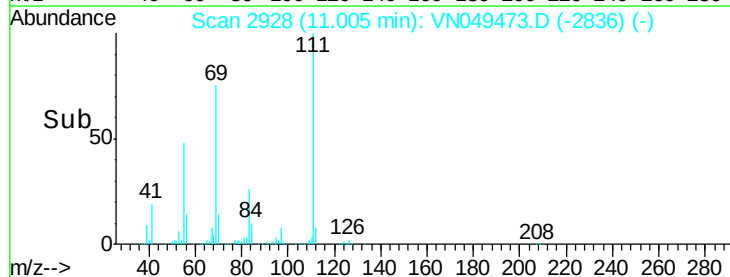
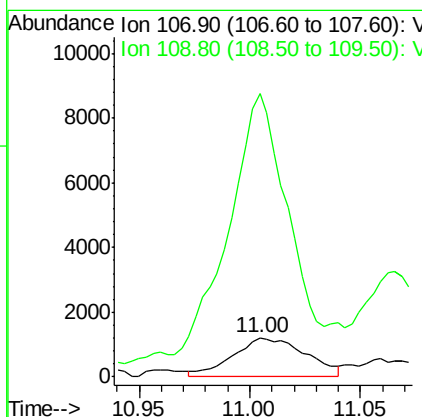
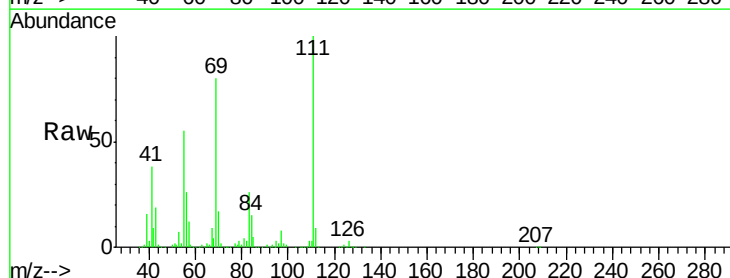
Instrument :
 MSVOA_N
 ClientSampled :

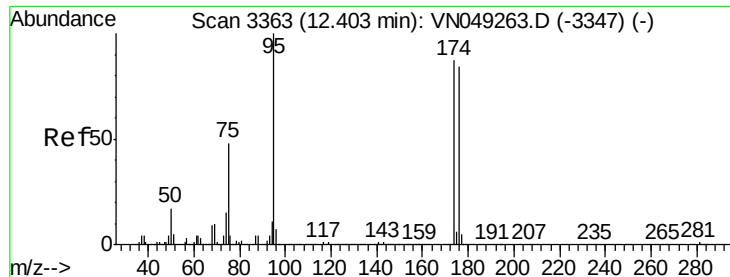
Tot Ion: 43 Resp: 409300
 Ion Ratio Lower Upper
 43 100
 58 3.5 25.2 75.6#



#61
 1,2-Dibromoethane
 Concen: 0.22 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

Tgt Ion: 107 Resp: 2788
 Ion Ratio Lower Upper
 107 100
 109 532.9 75.4 113.2#

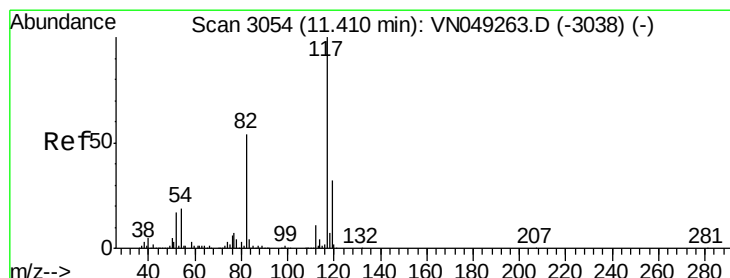
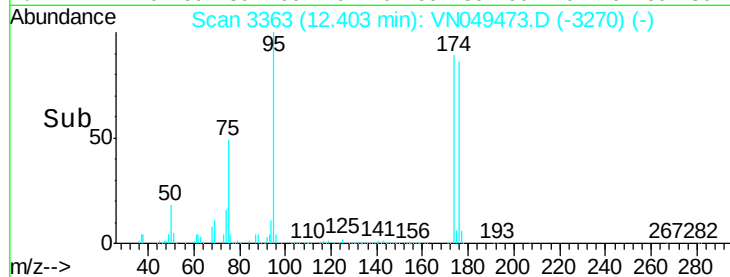
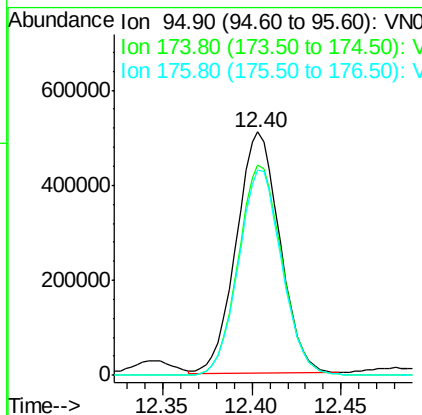
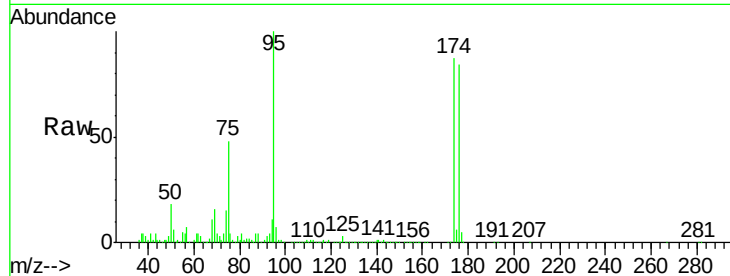




#62
4-Bromofluorobenzene
Concen: 47.69 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

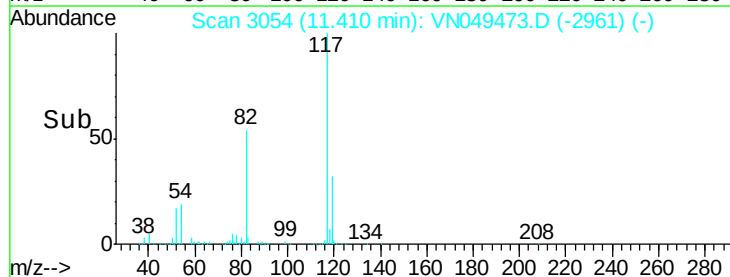
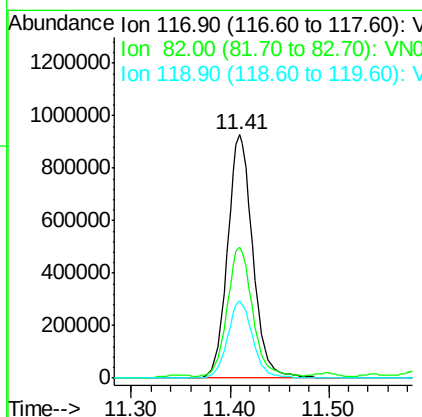
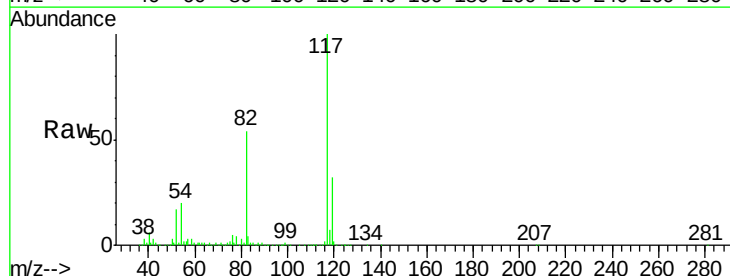
Instrument :
MSVOA_N
ClientSampleId :

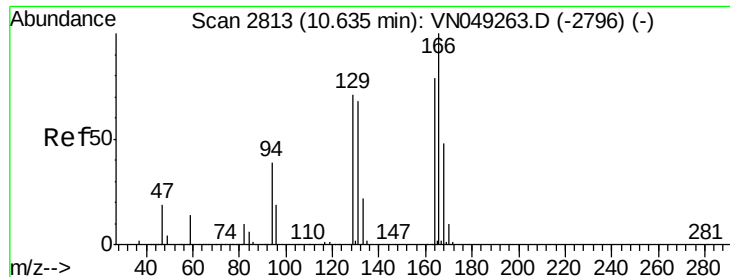
Tot Ion: 95 Resp: 861077
Ion Ratio Lower Upper
95 100
174 88.2 0.0 165.6
176 85.4 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion: 117 Resp: 1654471
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 31.5 25.5 38.3

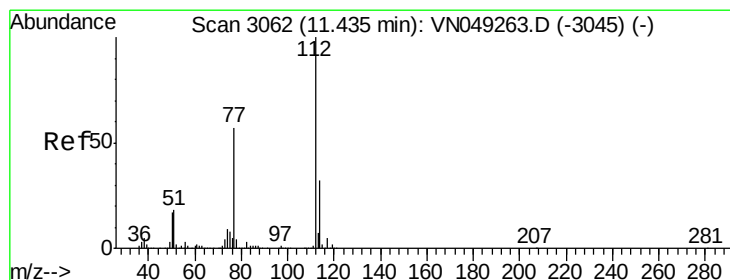
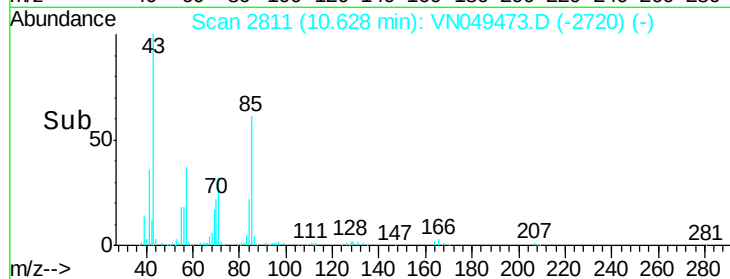
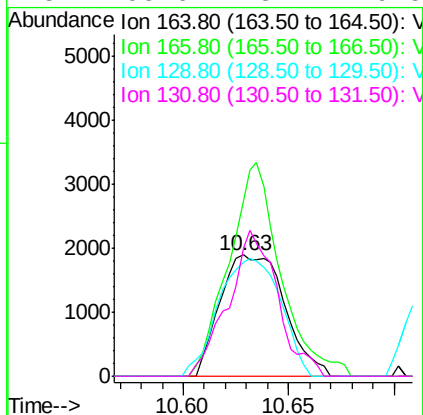
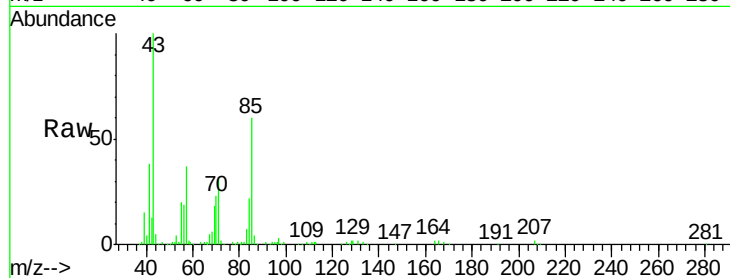




#64
Tetrachloroethene
Concen: 0.24 ug/l
RT: 10.63 min Scan# 2811
Delta R.T. -0.01 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

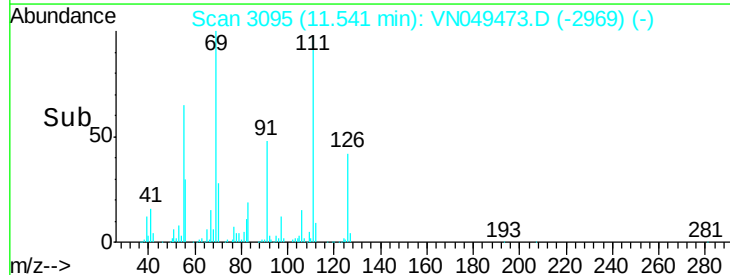
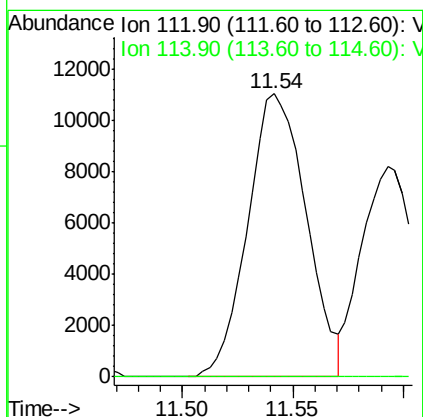
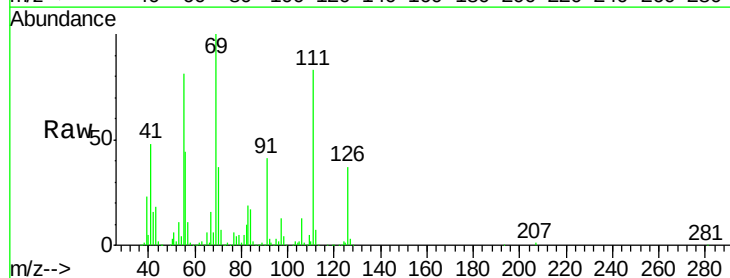
Instrument :
MSVOA_N
ClientSampled :

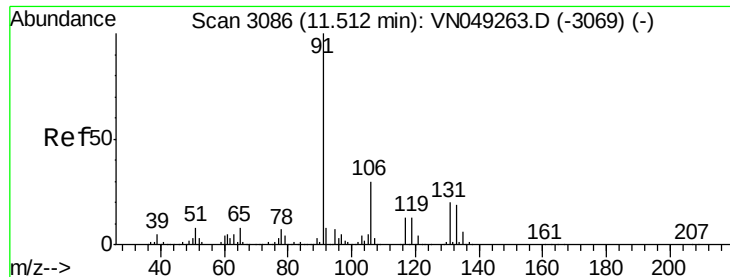
Tot Ion:164 Resp: 4040
Ion Ratio Lower Upper
164 100
166 144.4 101.4 152.2
129 94.2 74.1 111.1
131 105.6 73.7 110.5



#65
Chlorobenzene
Concen: 0.48 ug/l
RT: 11.54 min Scan# 3095
Delta R.T. 0.11 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion:112 Resp: 20334
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.4#

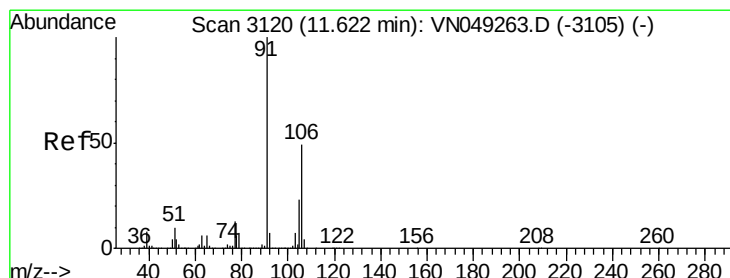
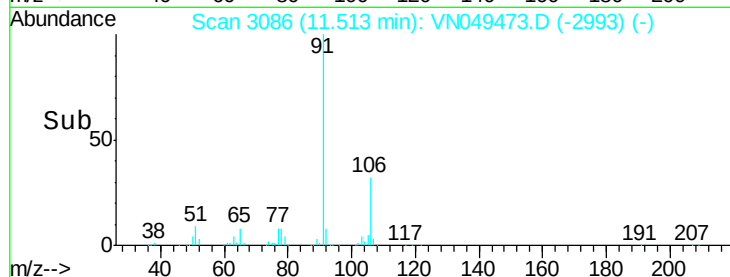
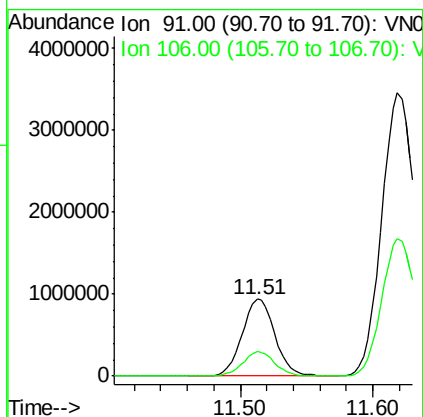
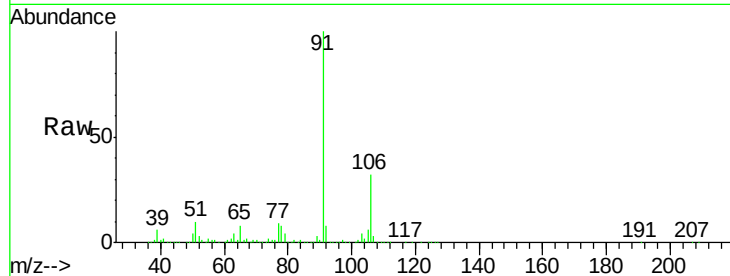




#67
Ethyl Benzene
Concen: 22.83 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

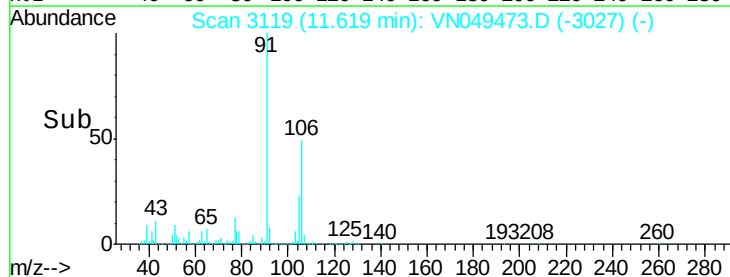
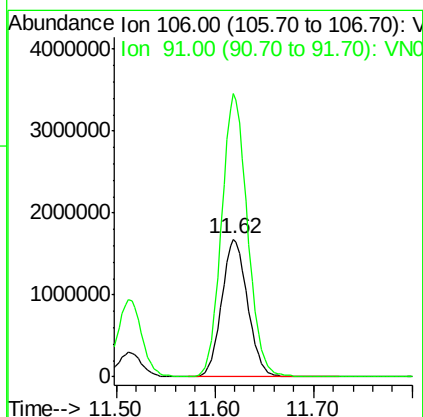
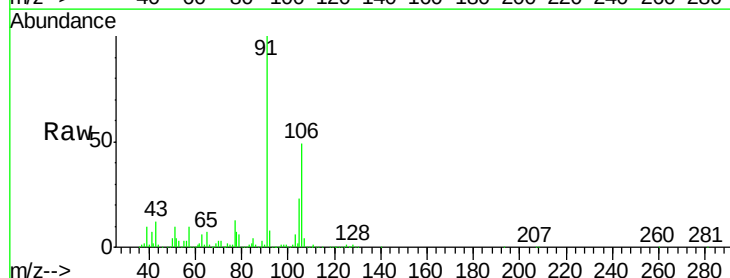
Instrument :
MSVOA_N
ClientSampleId :

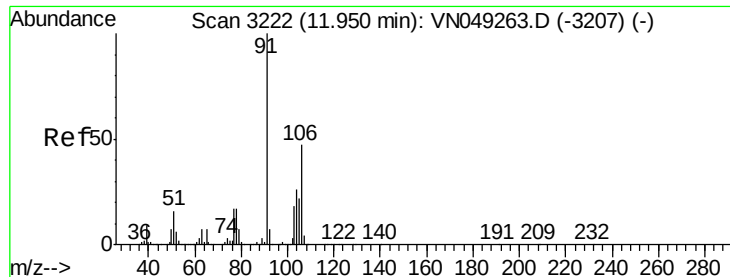
Tot Ion: 91 Resp: 1614129
Ion Ratio Lower Upper
91 100
106 31.6 23.9 35.9



#68
m/p-Xylenes
Concen: 116.71 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion: 106 Resp: 3096348
Ion Ratio Lower Upper
106 100
91 205.3 167.3 250.9

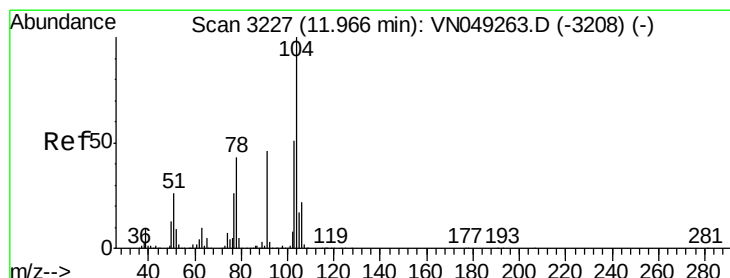
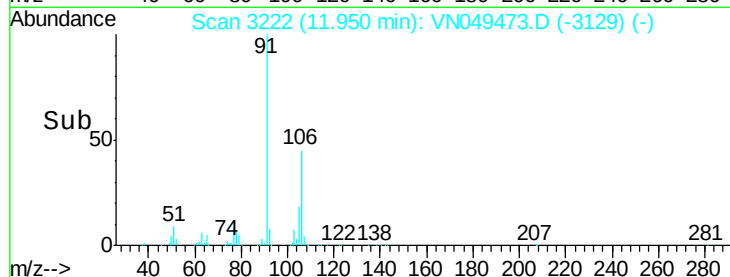
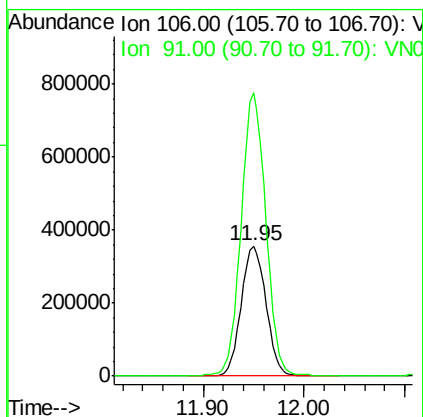
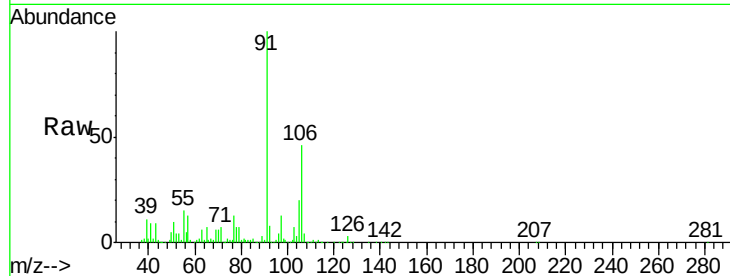




#69
o-Xylene
Concen: 23.78 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

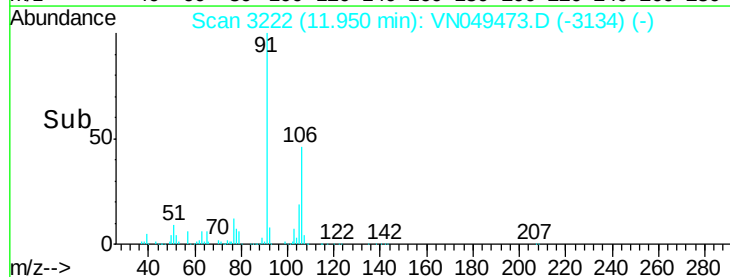
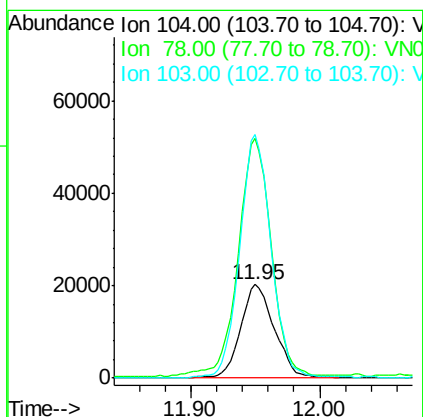
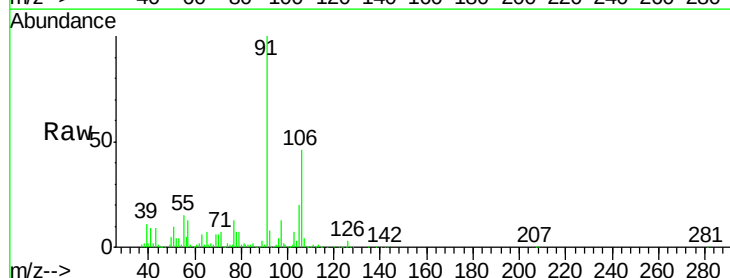
Instrument :
MSVOA_N
ClientSampleId :

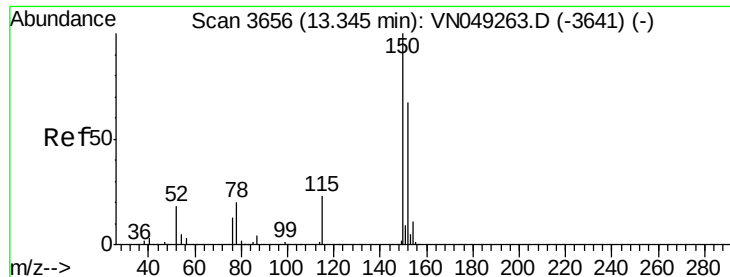
Tot Ion:106 Resp: 607712
Ion Ratio Lower Upper
106 100
91 215.1 111.0 333.0



#70
Styrene
Concen: 0.92 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.02 min
Lab File: VN049473.D
Acq: 21 Jun 2018 17:27

Tgt Ion:104 Resp: 37157
Ion Ratio Lower Upper
104 100
78 246.8 41.6 62.4#
103 240.7 45.4 68.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

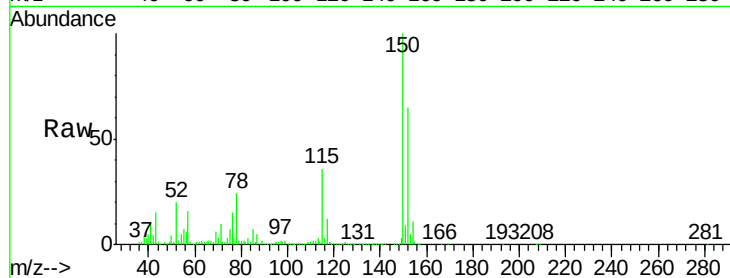
Tot Ion:152 Resp: 738835

Ion Ratio Lower Upper

152 100

115 57.4 28.7 86.1

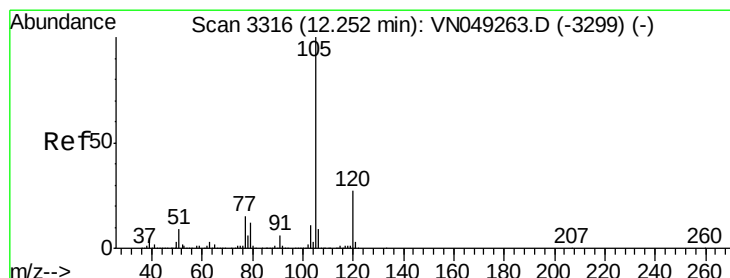
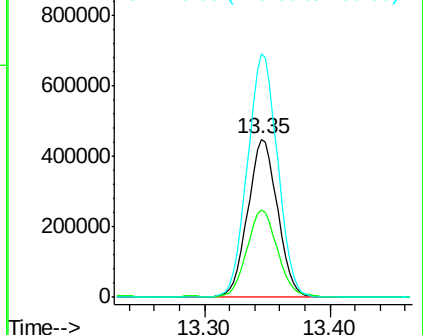
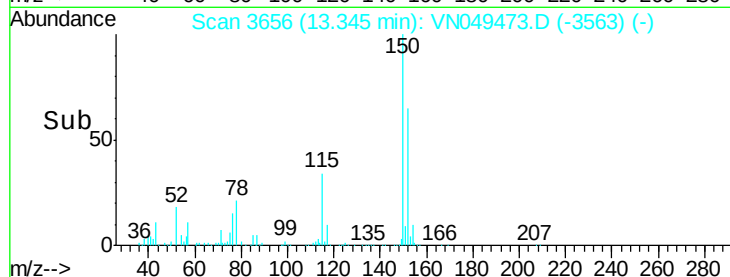
150 155.9 0.0 351.0



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: 1.24 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049473.D

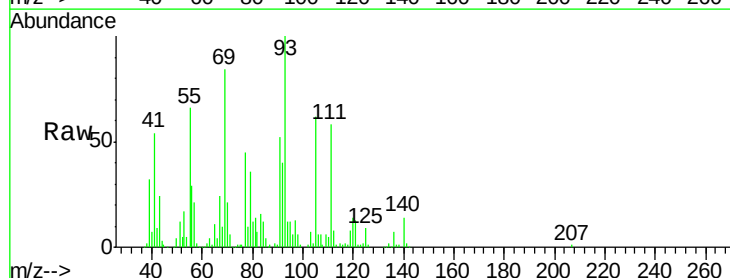
Acq: 21 Jun 2018 17:27

Tgt Ion:105 Resp: 80551

Ion Ratio Lower Upper

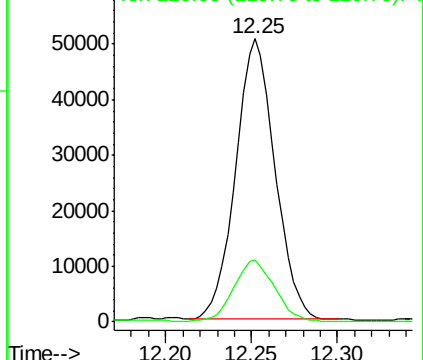
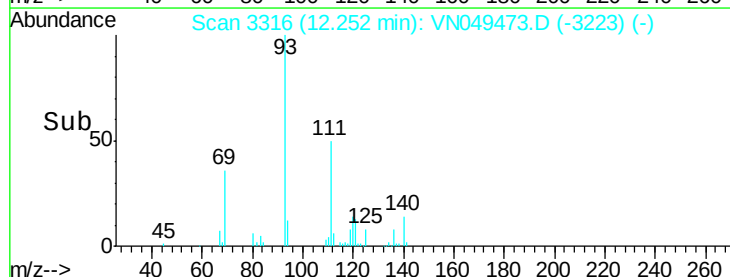
105 100

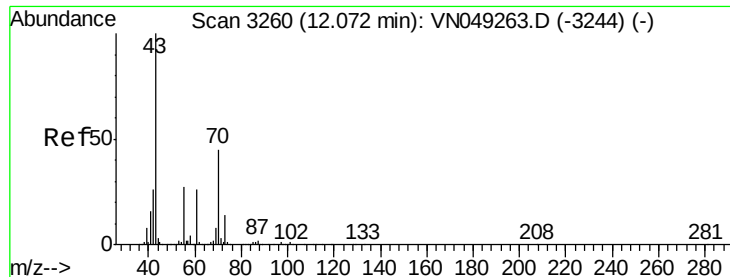
120 23.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 18.88 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049473.D

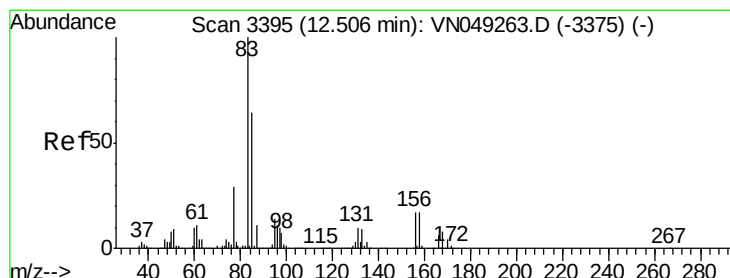
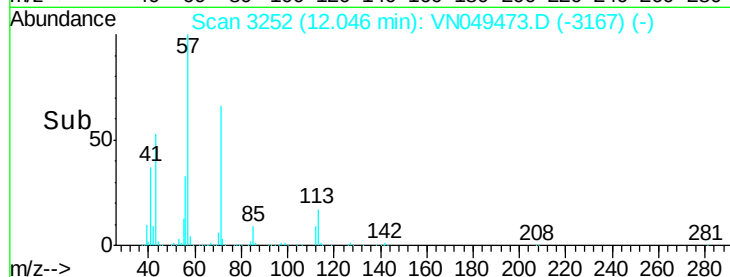
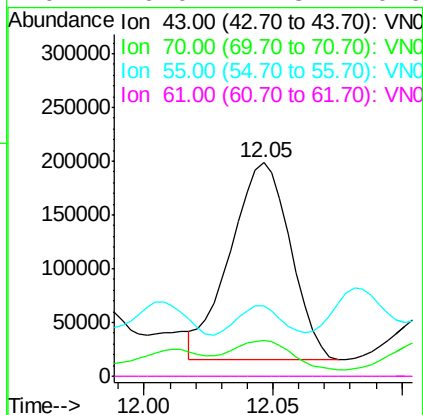
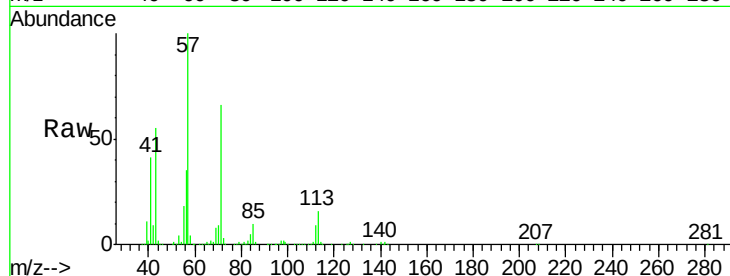
Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	43	Resp:	299971
Ion	Ratio	Lower	Upper
43	100		
70	14.5	30.3	45.5#
55	19.5	19.4	29.2
61	0.0	17.8	26.6#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

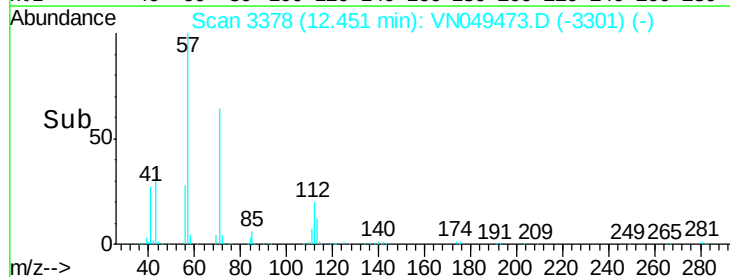
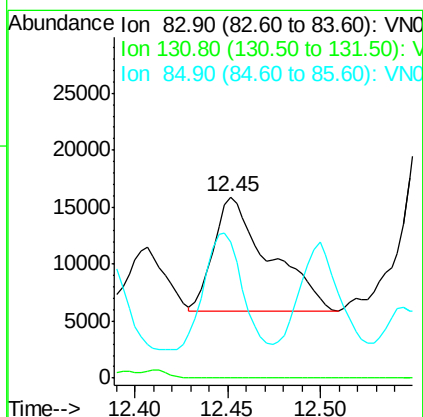
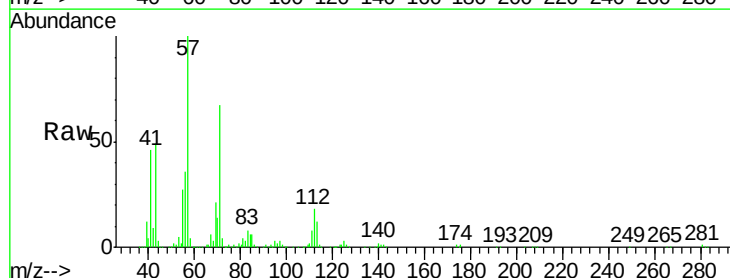
RT: 12.45 min Scan# 3378

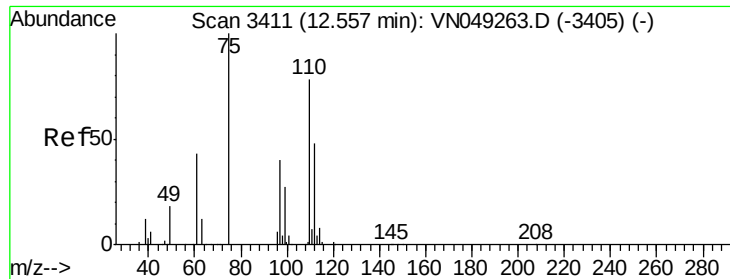
Delta R.T. -0.05 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Tgt Ion:	83	Resp:	20925
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	69.4	32.0	96.0

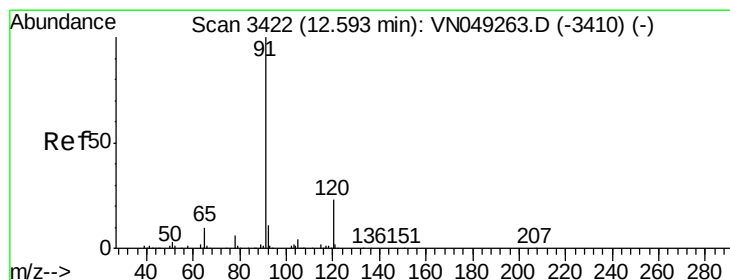
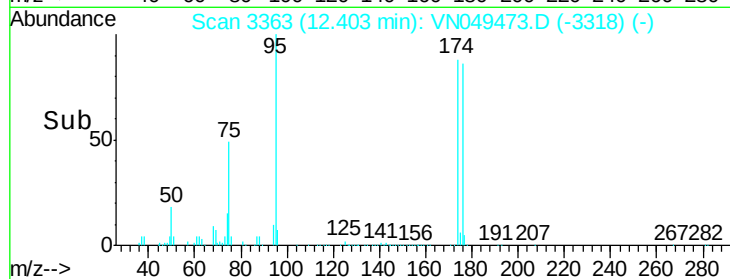
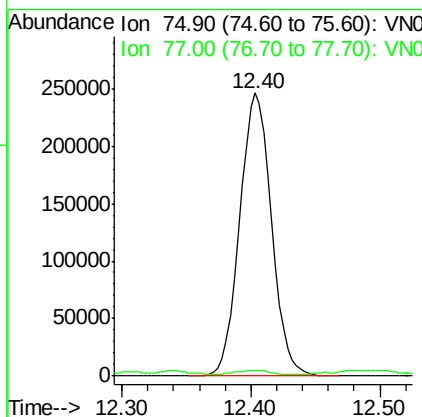
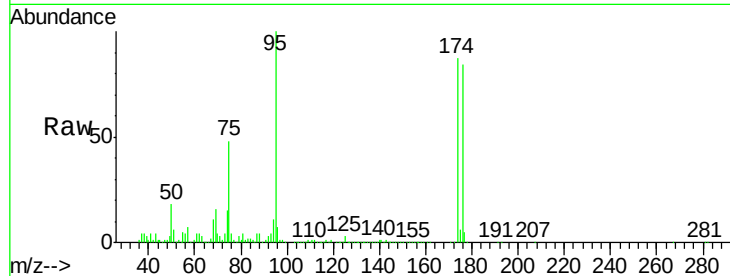




#76
 1,2,3-Trichloropropane
 Concen: 33.44 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.15 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

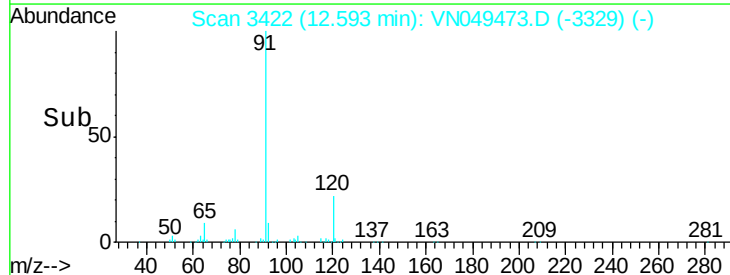
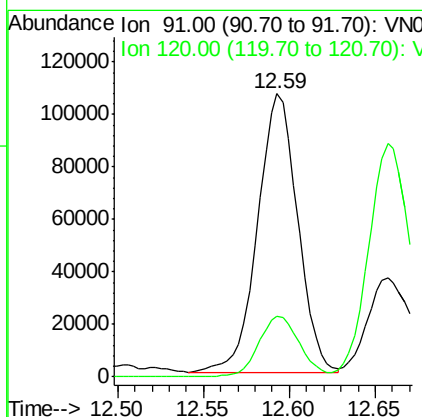
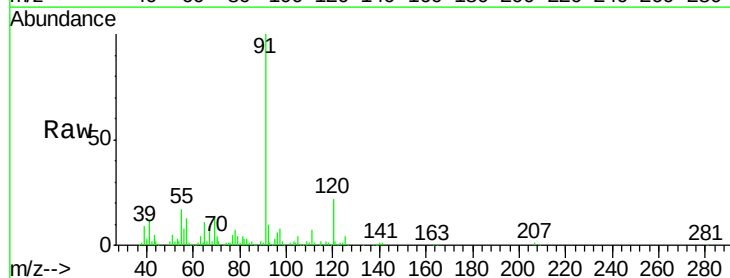
Instrument :
 MSVOA_N
 ClientSampled :

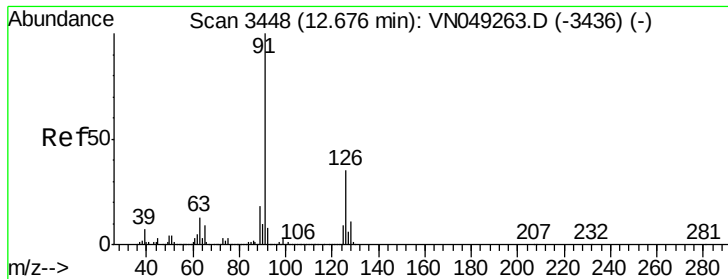
Tot Ion: 75 Resp: 421573
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#78
 n-propylbenzene
 Concen: 2.40 ug/l
 RT: 12.59 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

Tgt Ion: 91 Resp: 170662
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.2 33.5





#79

2-Chlorotoluene

Concen: 1.32 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

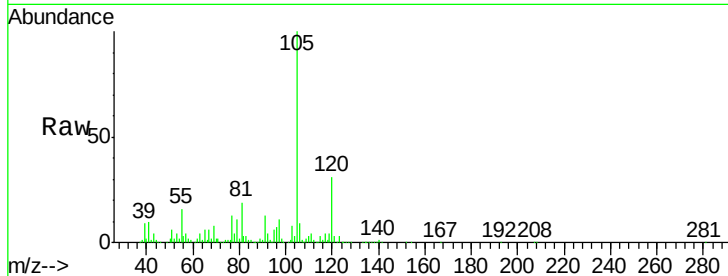
ClientSampled :

Tot Ion: 91 Resp: 59539

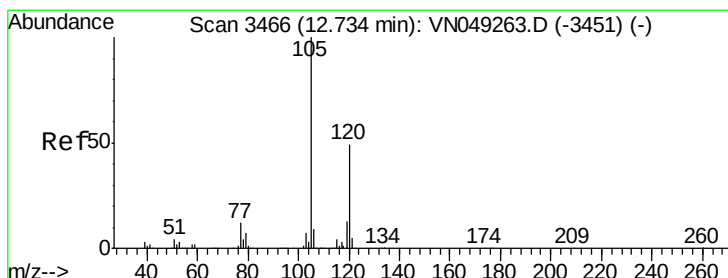
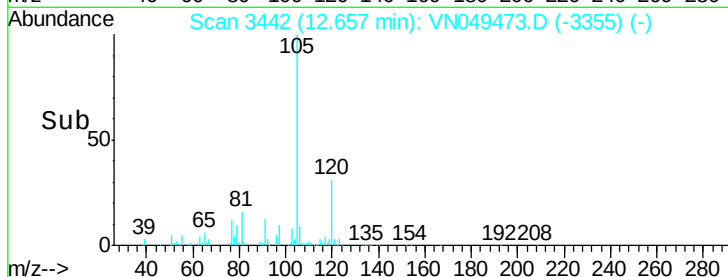
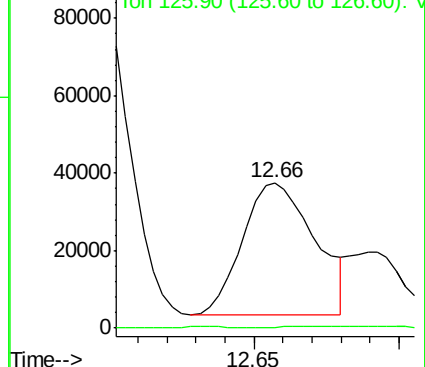
Ion Ratio Lower Upper

91 100

126 0.9 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VN049473.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 6.52 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049473.D

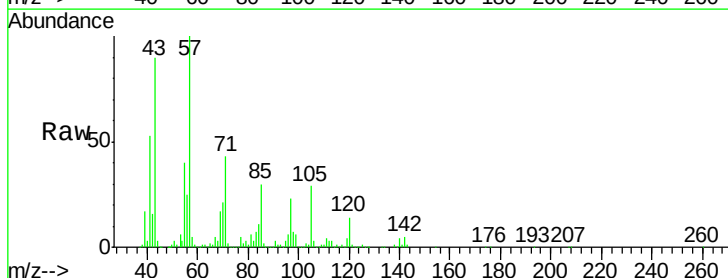
Acq: 21 Jun 2018 17:27

Tgt Ion: 105 Resp: 332370

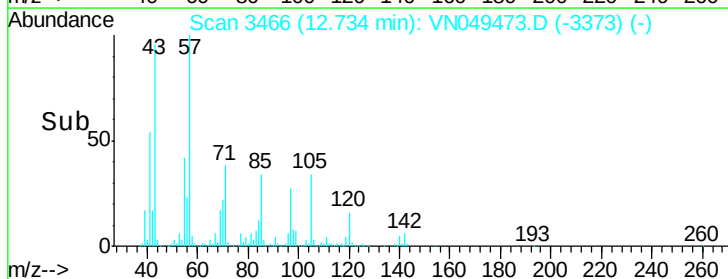
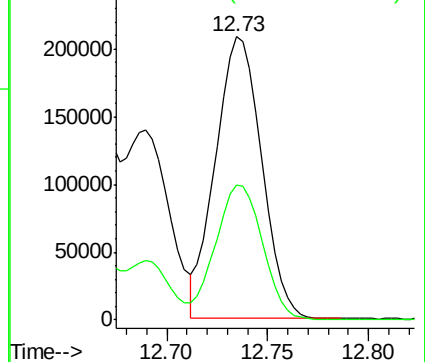
Ion Ratio Lower Upper

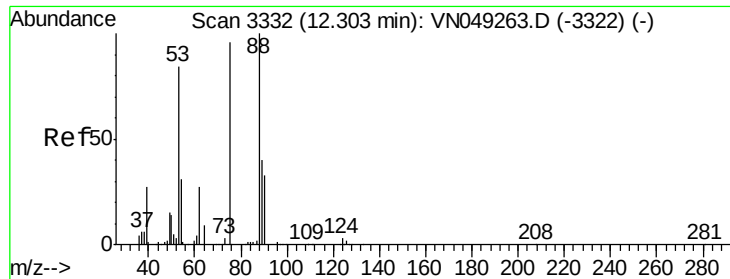
105 100

120 48.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049473.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 105.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

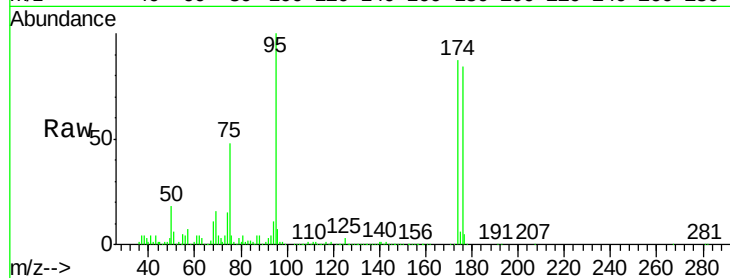
Tot Ion: 75 Resp: 421573

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

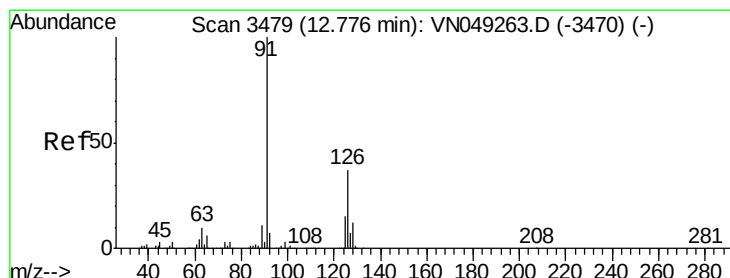
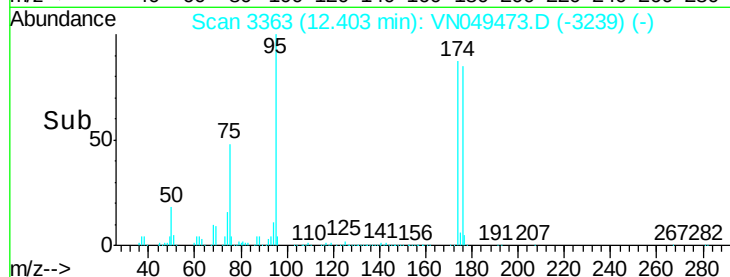
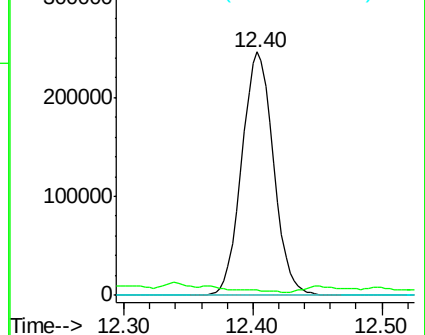
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.79 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN049473.D

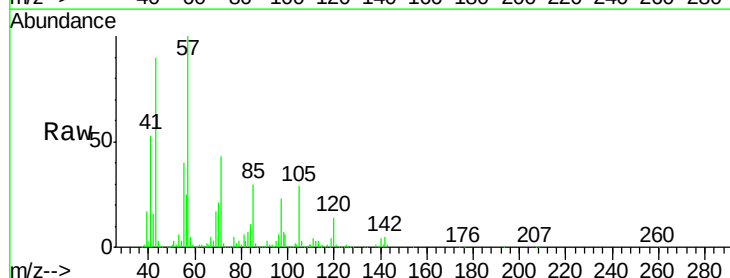
Acq: 21 Jun 2018 17:27

Tgt Ion: 91 Resp: 34559

Ion Ratio Lower Upper

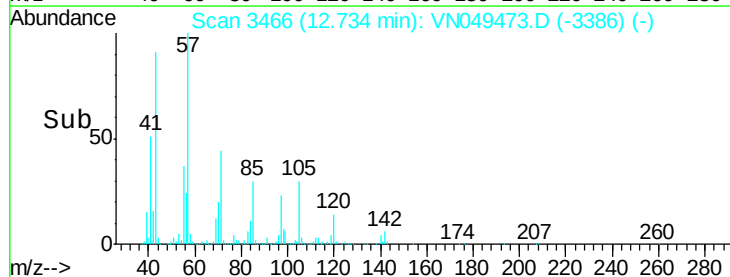
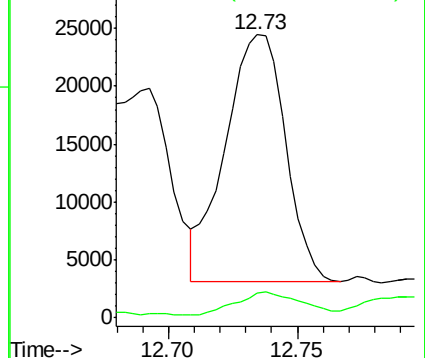
91 100

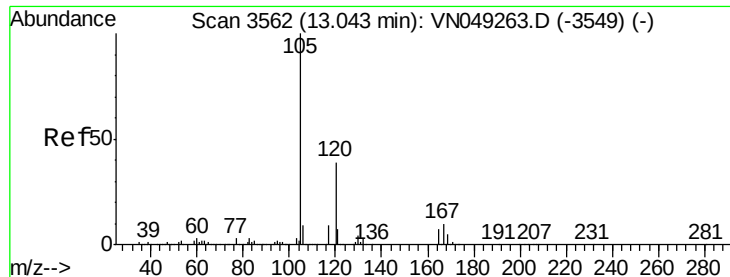
126 11.4 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

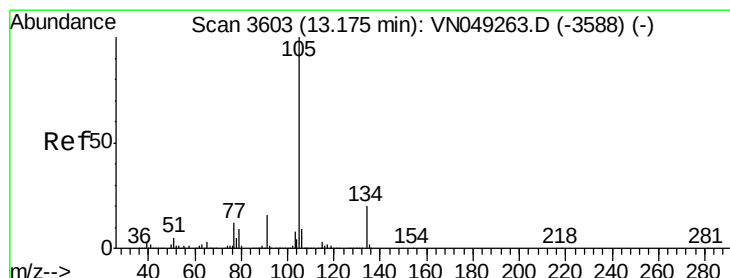
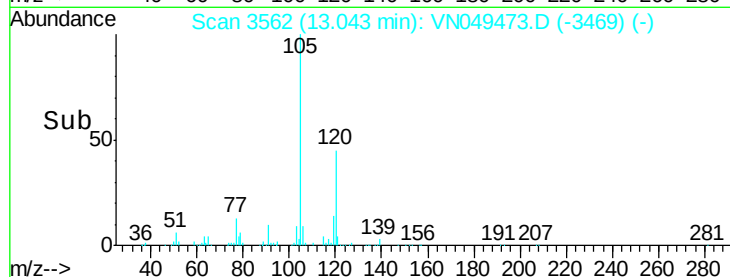
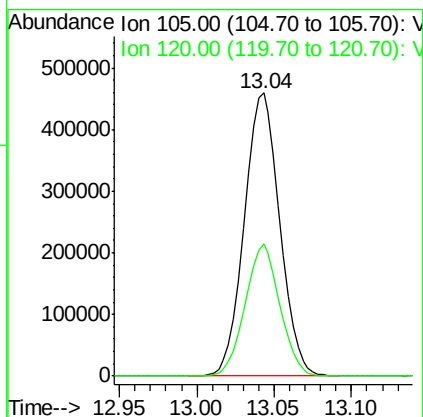
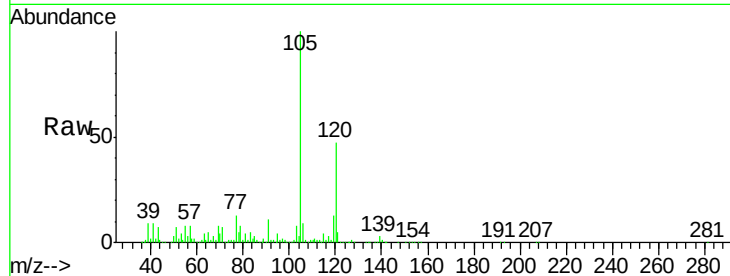




#84
 1,2,4-Trimethylbenzene
 Concen: 14.44 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

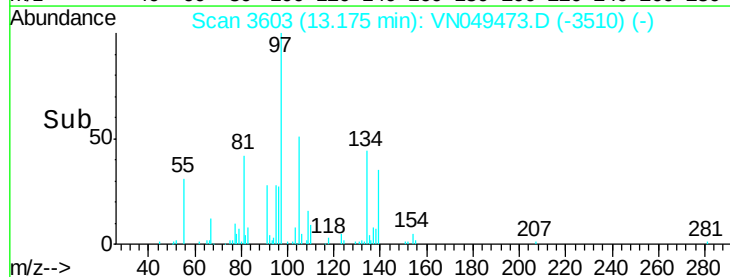
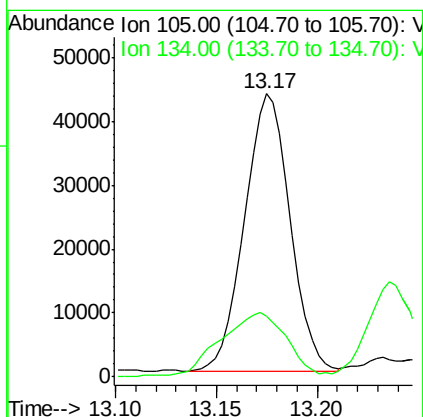
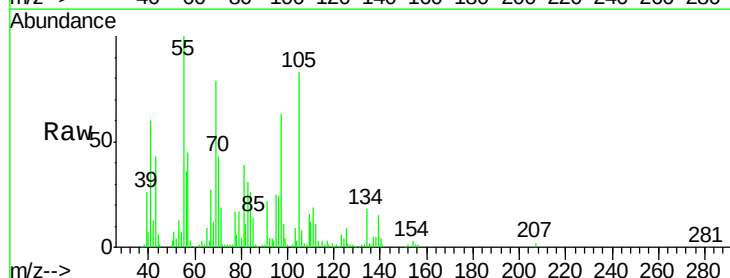
Instrument :
 MSVOA_N
 ClientSampled :

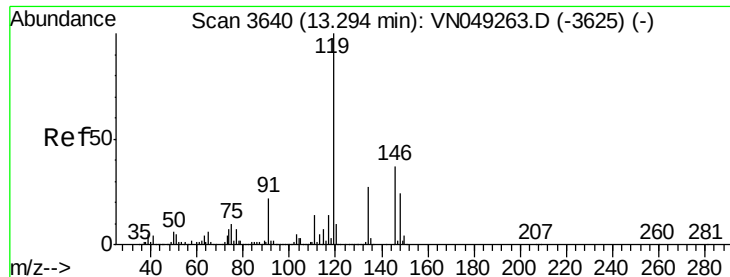
Tot Ion:105 Resp: 731480
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 1.15 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

Tgt Ion:105 Resp: 68874
 Ion Ratio Lower Upper
 105 100
 134 33.7 9.8 29.3#

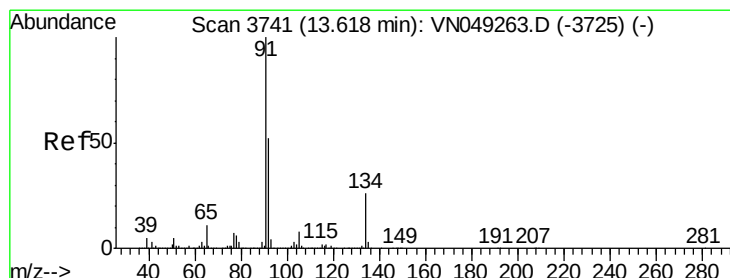
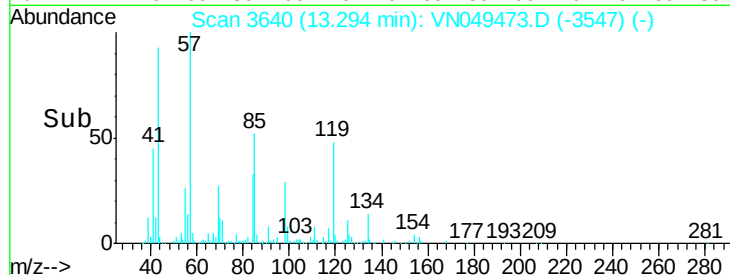
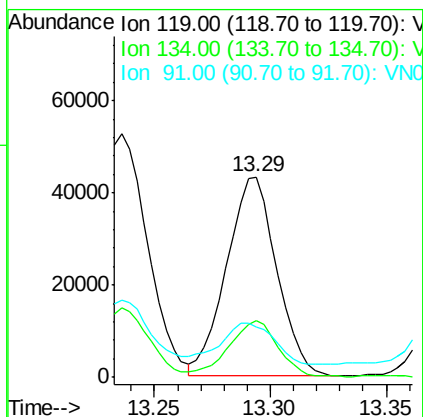
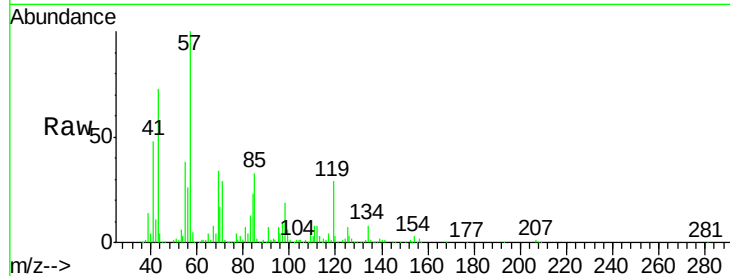




#86
 p-Isopropyltoluene
 Concen: 1.28 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

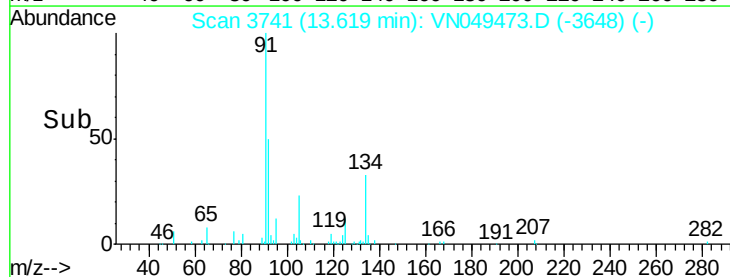
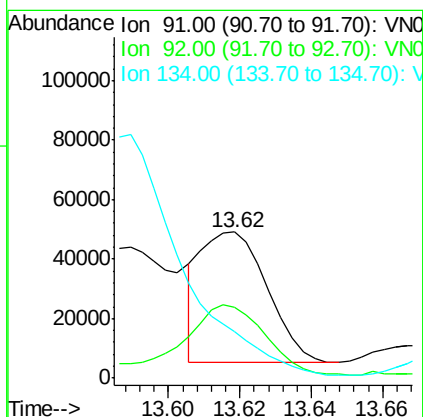
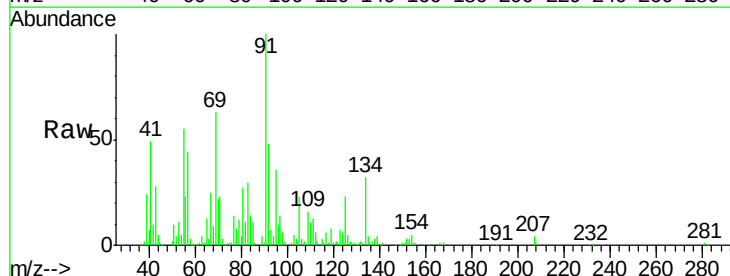
Instrument :
 MSVOA_N
 ClientSampleId :

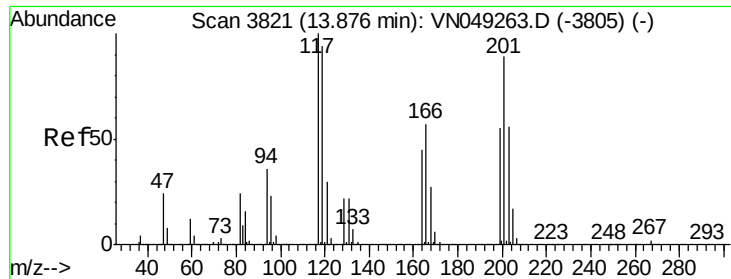
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	12.9	38.6
91	22.5	12.1	36.3



#89
 n-Butylbenzene
 Concen: 1.44 ug/l
 RT: 13.62 min Scan# 3741
 Delta R.T. 0.00 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	71.8	25.1	75.4
134	0.0	12.0	36.0#





#90

Hexachloroethane

Concen: 1.93 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

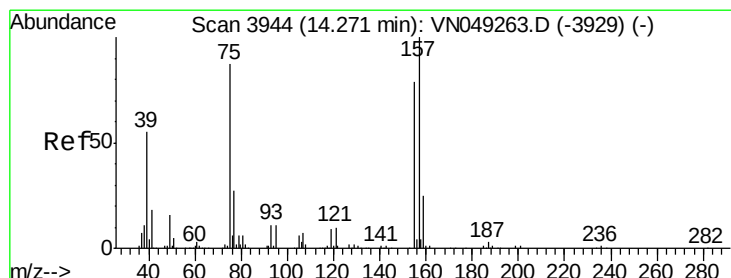
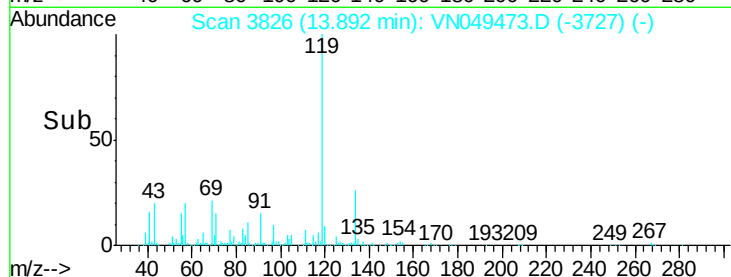
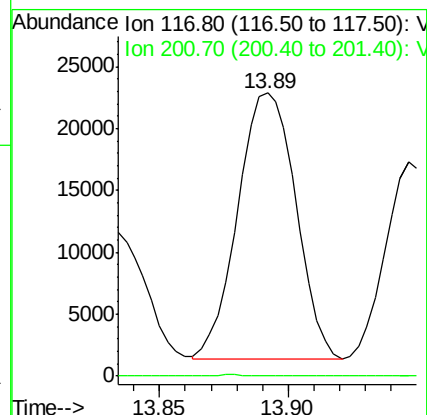
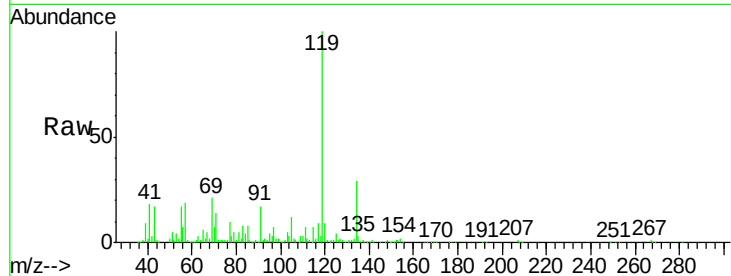
ClientSampled :

Tot Ion:117 Resp: 33849

Ion Ratio Lower Upper

117 100

201 0.2 40.1 120.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.66 ug/l

RT: 14.25 min Scan# 3937

Delta R.T. -0.02 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

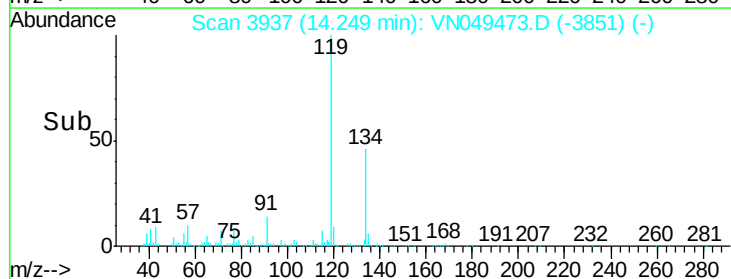
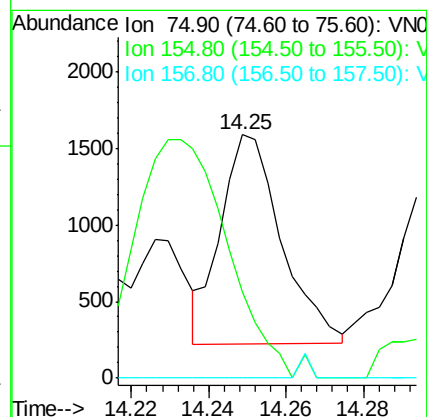
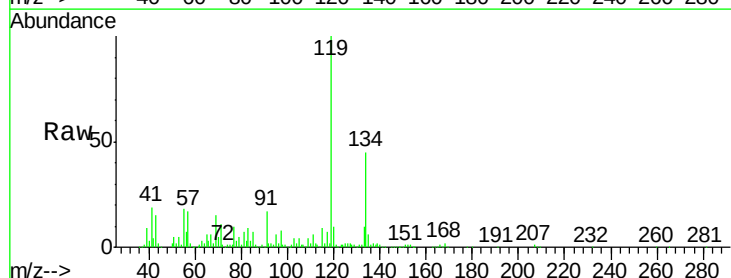
Tgt Ion: 75 Resp: 1484

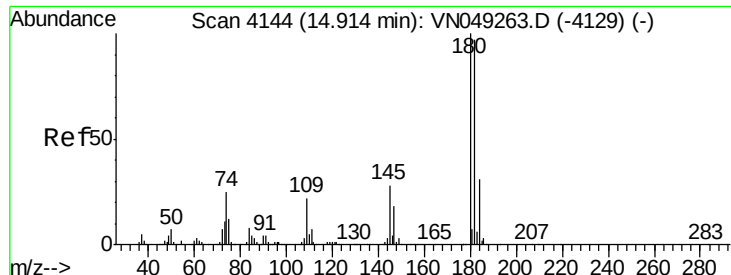
Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 2.2 51.0 153.1#

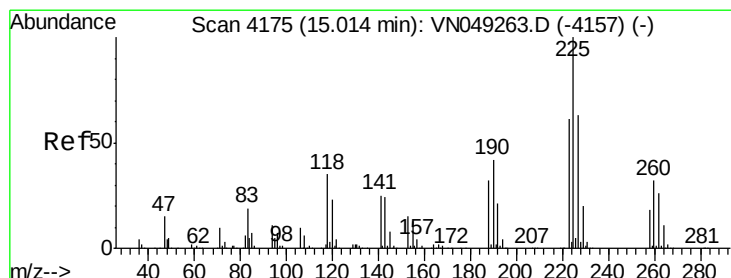
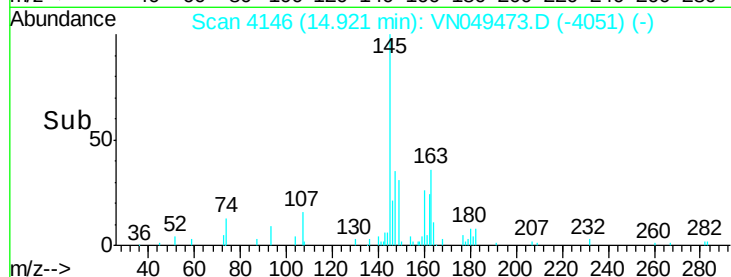
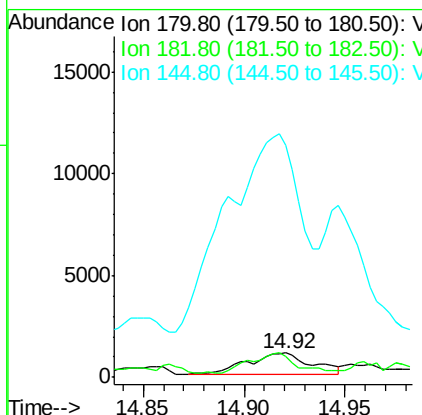
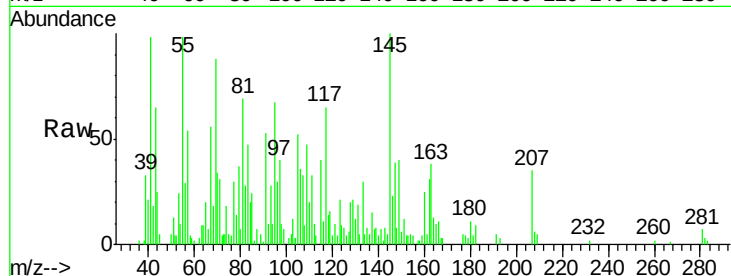




#93
 1,2,4-Trichlorobenzene
 Concen: 4.90 ug/l
 RT: 14.92 min Scan# 4146
 Delta R.T. 0.01 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

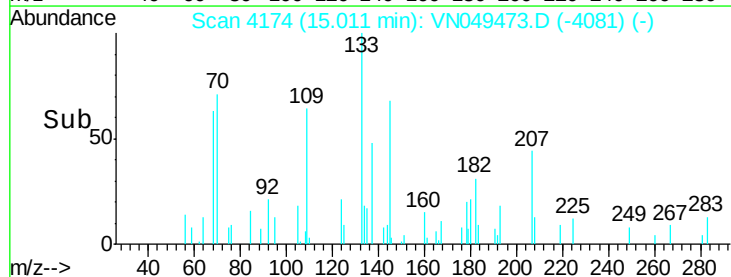
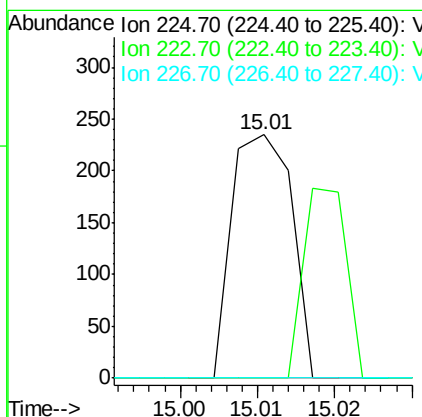
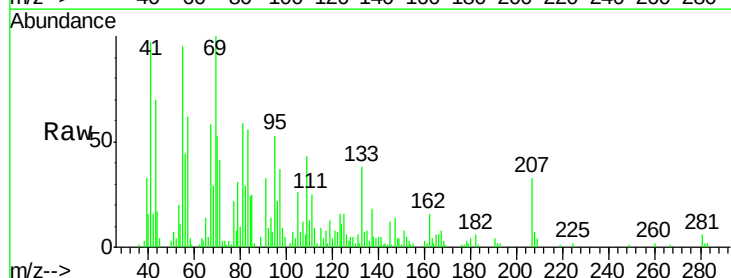
Instrument :
 MSVOA_N
 ClientSampleId :

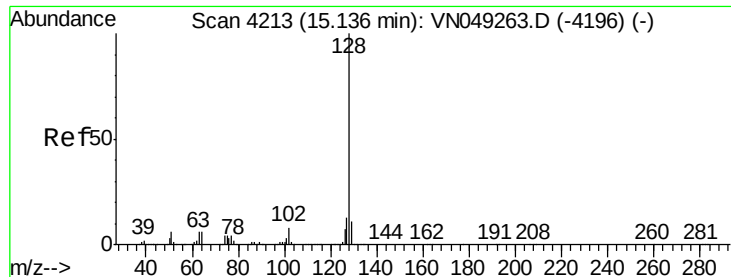
Tot Ion:180 Resp: 2199
 Ion Ratio Lower Upper
 180 100
 182 73.4 46.9 140.8
 145 1495.6 14.7 44.1#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049473.D
 Acq: 21 Jun 2018 17:27

Tgt Ion:225 Resp: 127
 Ion Ratio Lower Upper
 225 100
 223 55.1 32.1 96.3
 227 0.0 31.8 95.3#





#95

Naphthalene

Concen: 8.53 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

Instrument :

MSVOA_N

ClientSampled :

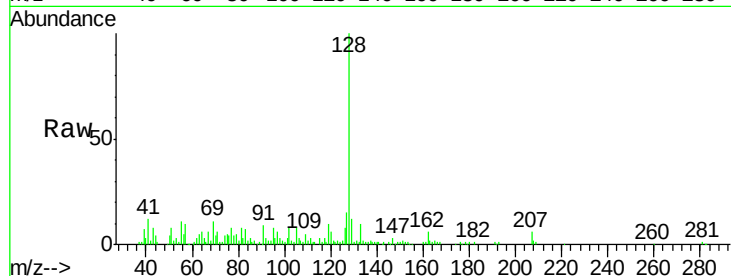
Tot Ion:128 Resp: 134476

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

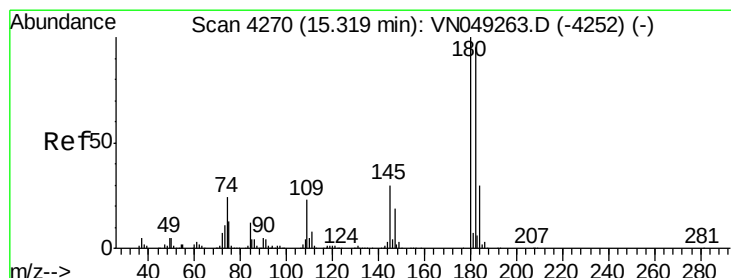
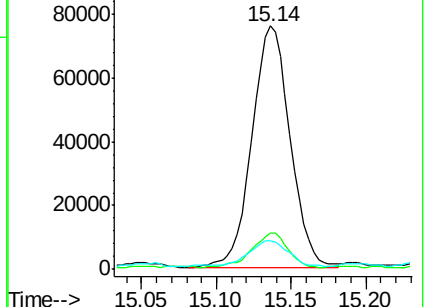
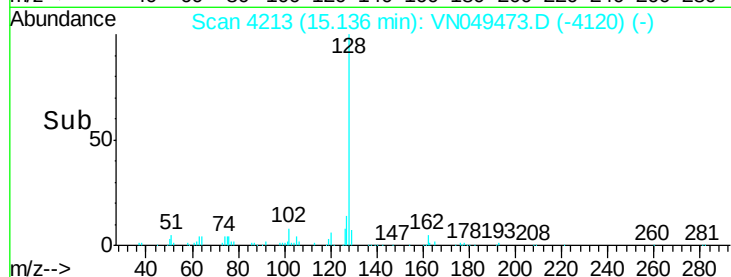
129 10.4 8.5 12.7



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: 3.52 ug/l

RT: 15.33 min Scan# 4273

Delta R.T. 0.01 min

Lab File: VN049473.D

Acq: 21 Jun 2018 17:27

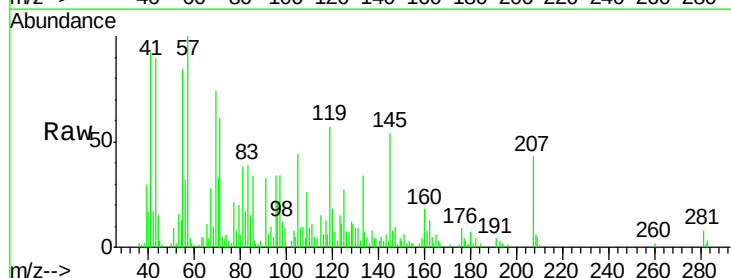
Tgt Ion:180 Resp: 860

Ion Ratio Lower Upper

180 100

182 27.7 47.3 141.8#

145 1654.9 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

