

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049340.D
 Acq On : 18 Jun 2018 13:55
 Operator : MD\SY
 Sample : J3523-05ME
 Misc : 4.00µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:30:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1193506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1803668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1624193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	660747	50.00	ug/l	0.00

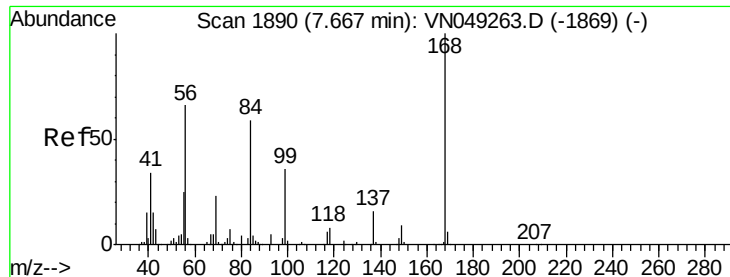
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	753230	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
35) Dibromofluoromethane	7.59	113	659790	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	10.09	98	2544368	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
62) 4-Bromofluorobenzene	12.40	95	822013	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	3761	0.21	ug/l #	86
11) Tert butyl alcohol	4.74	59	11032	11.87	ug/l #	70
16) Acetone	3.83	43	8212	2.14	ug/l	90
17) Carbon Disulfide	4.03	76	18989	0.44	ug/l	98
18) Methyl Acetate	4.33	43	137440	11.73	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	76883	2.20	ug/l	94
20) Methylene Chloride	4.54	84	9623	0.60	ug/l #	78
25) 2-Butanone	6.85	43	3076	0.60	ug/l #	76
29) Tetrahydrofuran	7.22	42	2438	0.73	ug/l #	81
31) Cyclohexane	7.66	56	15209	0.48	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	80330	3.89	ug/l #	51
38) Carbon Tetrachloride	7.66	117	107319	5.01	ug/l #	17
39) Methylcyclohexane	9.08	83	11734	0.53	ug/l	93
40) Benzene	8.04	78	54842	0.87	ug/l	99
43) Isopropyl Acetate	8.18	43	18583	0.87	ug/l #	64
49) 1,4-Dioxane	9.22	88	98	0.70	ug/l #	1
52) Toluene	10.16	92	31149	0.84	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.59	63	30	14.33	ug/l #	51
68) m/p-Xylenes	11.62	106	20396	0.78	ug/l	90
69) o-Xylene	11.95	106	6095	0.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	143	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	402778	35.73	ug/l #	100
77) Bromobenzene	12.59	156	577679	37.70	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	13428	0.29	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	402778	112.91	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	24552	0.54	ug/l	99
90) Hexachloroethane	13.89	117	2101	Below	Cal #	13
93) 1,2,4-Trichlorobenzene	14.91	180	845	4.81	ug/l #	3
95) Naphthalene	15.14	128	119618	8.49	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	1291	3.57	ug/l #	57

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

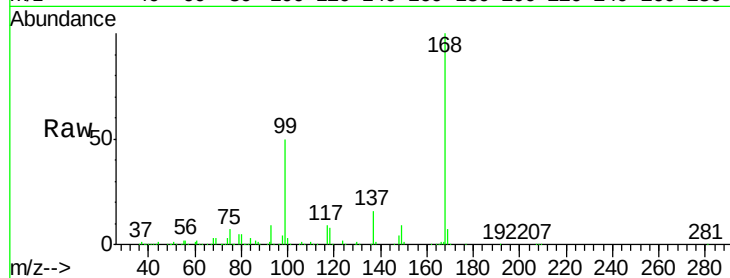
ClientSampled :

Tot Ion:168 Resp: 1193506

Ion Ratio Lower Upper

168 100

99 50.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

500000

400000

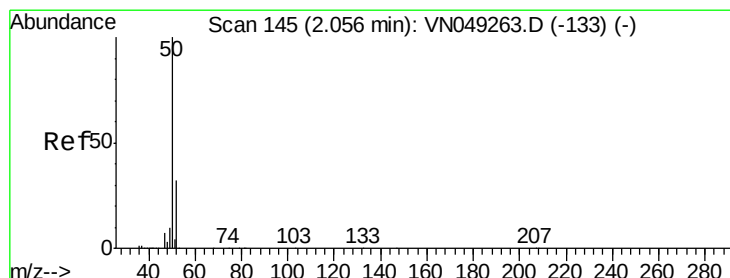
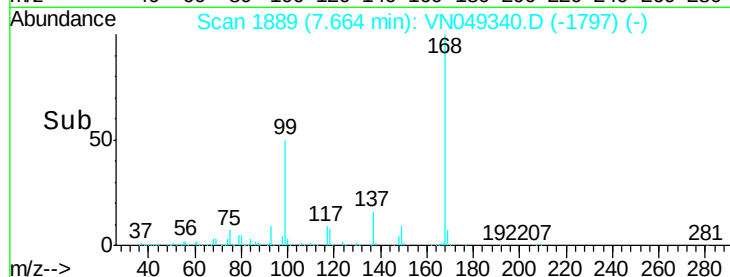
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.05 min Scan# 143

Delta R.T. -0.01 min

Lab File: VN049340.D

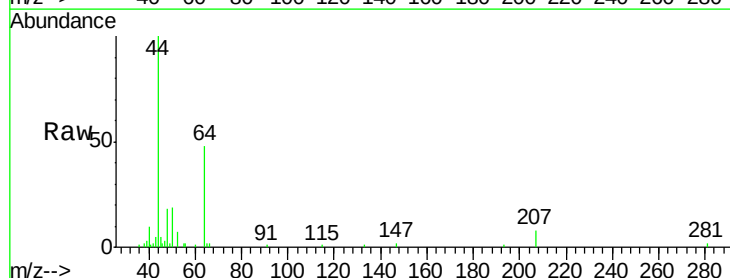
Acq: 18 Jun 2018 13:55

Tgt Ion: 50 Resp: 3761

Ion Ratio Lower Upper

50 100

52 39.3 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.05

2500

2000

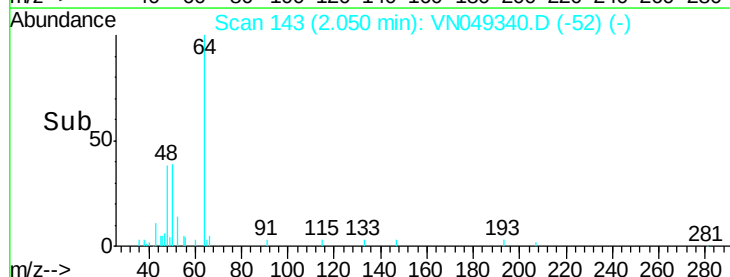
1500

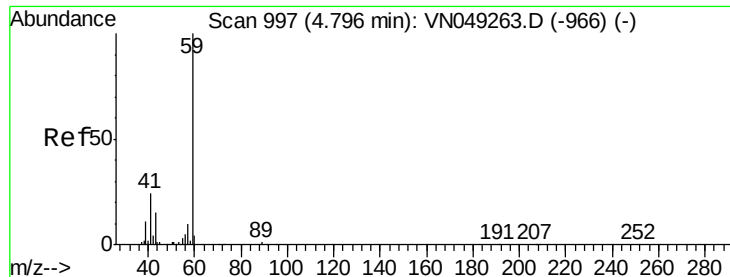
1000

500

0

Time-->

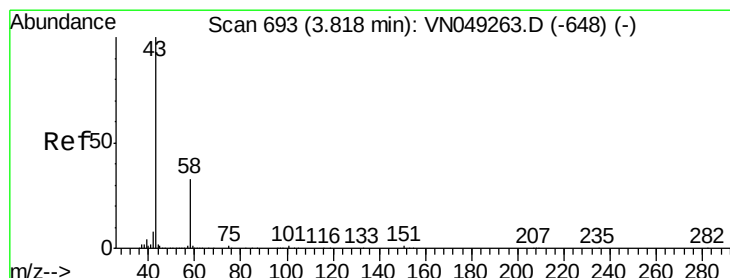
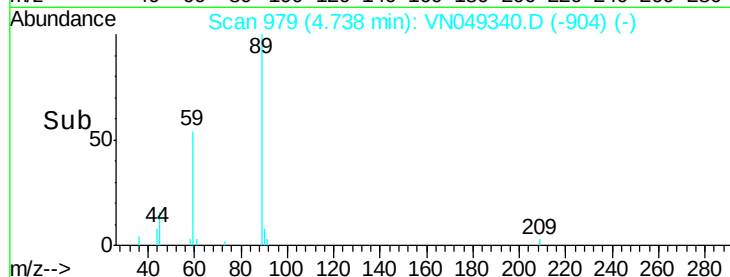
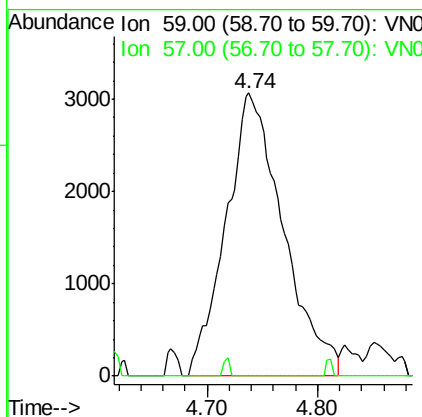
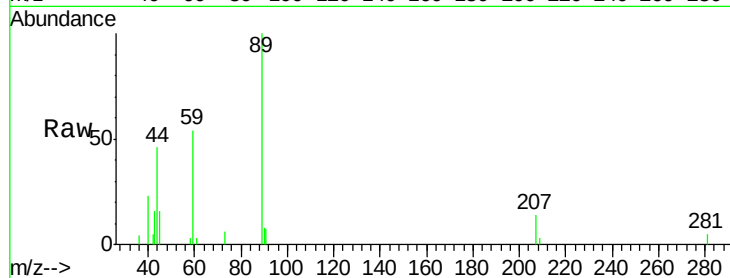




#11
Tert butyl alcohol
Concen: 11.87 ug/l
RT: 4.74 min Scan# 979
Delta R.T. -0.06 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

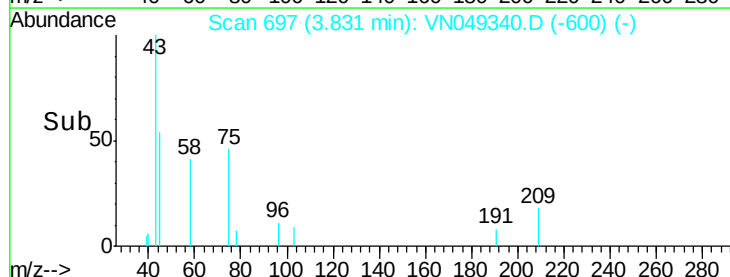
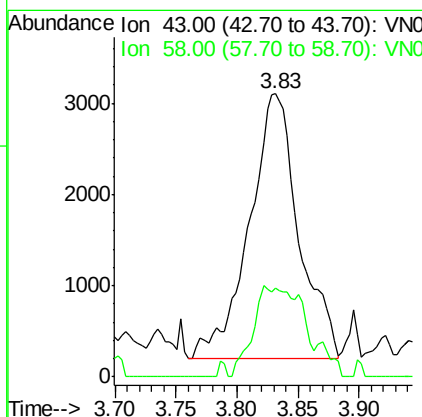
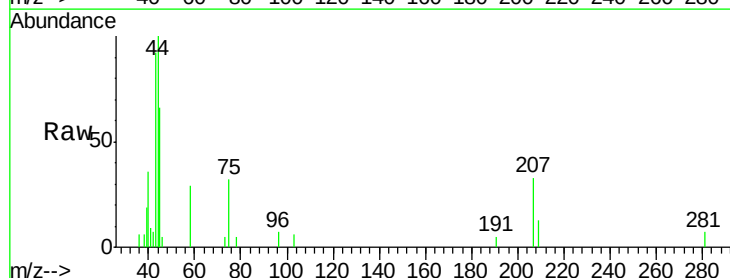
Instrument :
MSVOA_N
ClientSampleId :

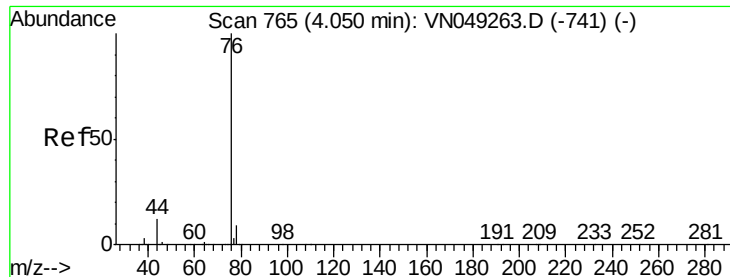
Tot Ion: 59 Resp: 11032
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#16
Acetone
Concen: 2.14 ug/l
RT: 3.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

Tgt Ion: 43 Resp: 8212
Ion Ratio Lower Upper
43 100
58 33.4 22.4 33.6





#17

Carbon Disulfide

Concen: 0.44 ug/l

RT: 4.03 min Scan# 760

Delta R.T. -0.02 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Instrument :

MSVOA_N

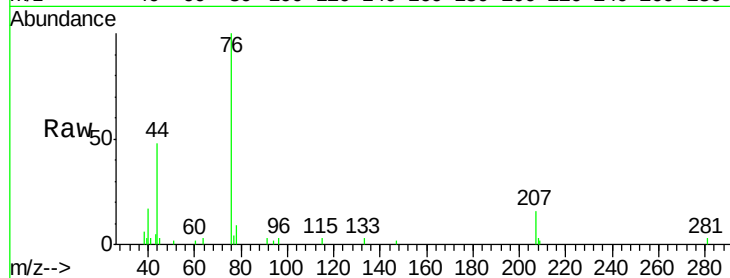
ClientSampleId :

Tot Ion: 76 Resp: 18989

Ion Ratio Lower Upper

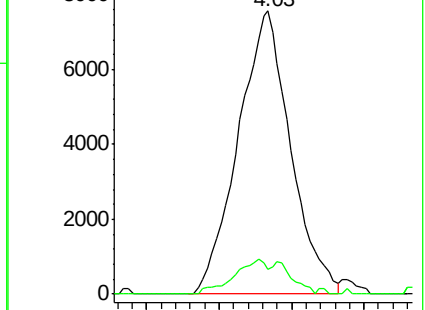
76 100

78 8.6 7.4 11.0

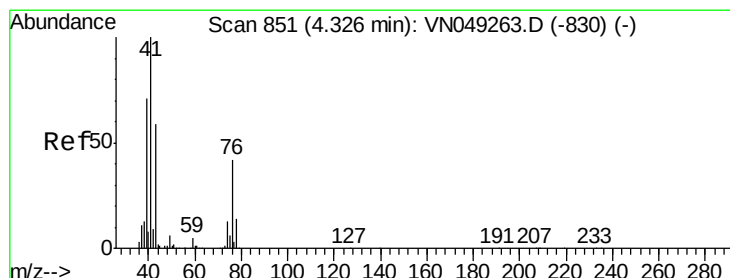
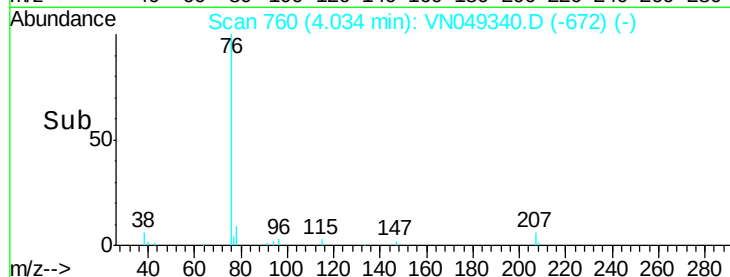


Abundance Ion 75.90 (75.60 to 76.60): VN049263.D (-741) (-)

Ion 77.90 (77.60 to 78.60): VN049263.D (-741) (-)



Time-->



#18

Methyl Acetate

Concen: 11.73 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049340.D

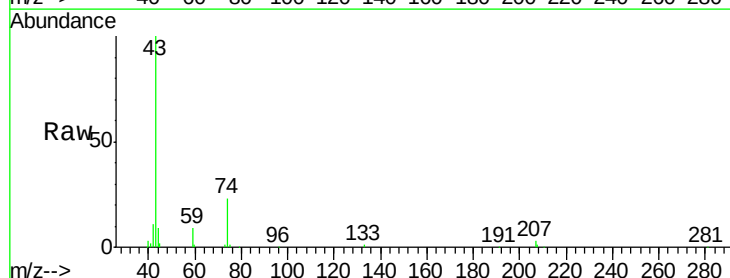
Acq: 18 Jun 2018 13:55

Tgt Ion: 43 Resp: 137440

Ion Ratio Lower Upper

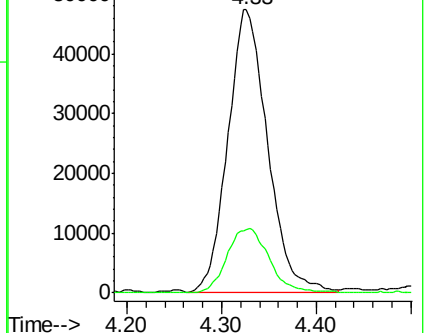
43 100

74 24.1 17.4 26.0

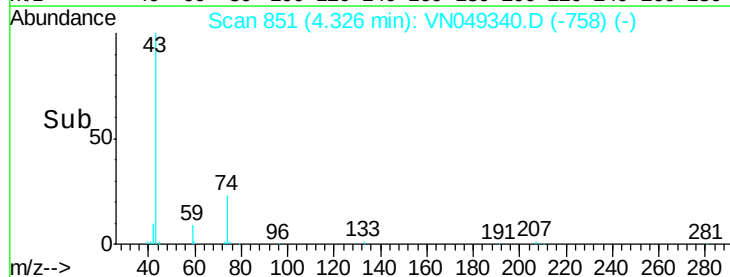


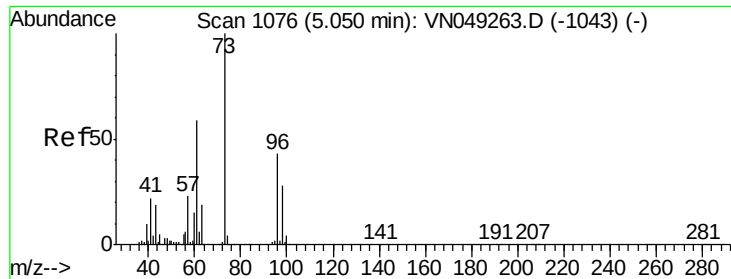
Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-830) (-)

Ion 74.00 (73.70 to 74.70): VN049263.D (-830) (-)



Time-->

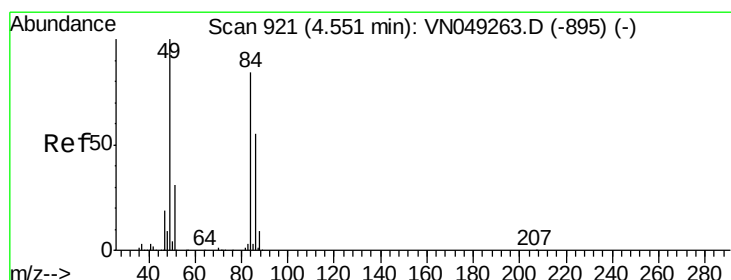
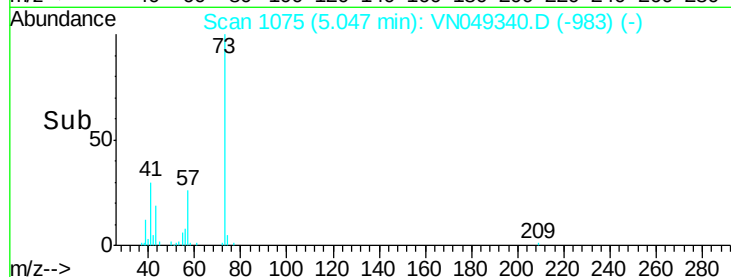
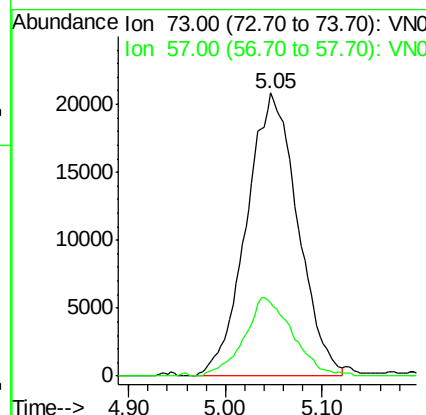
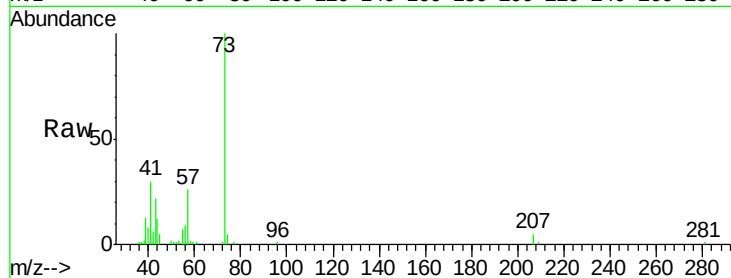




#19
Methvl tert-butvl Ether
Concen: 2.20 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

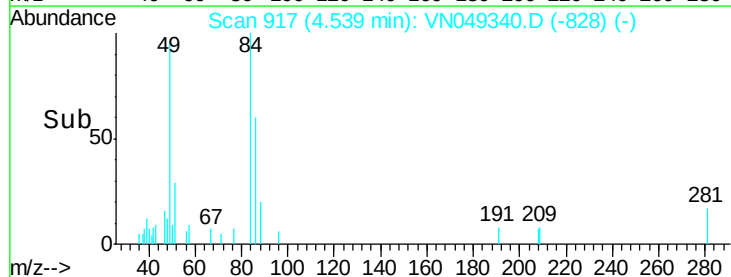
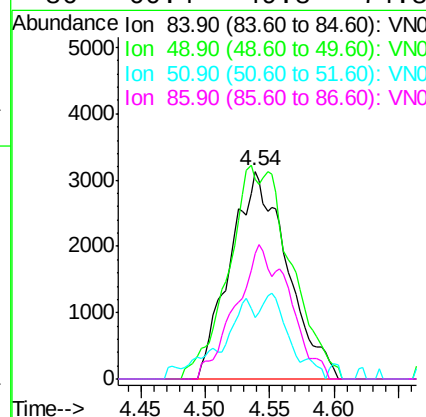
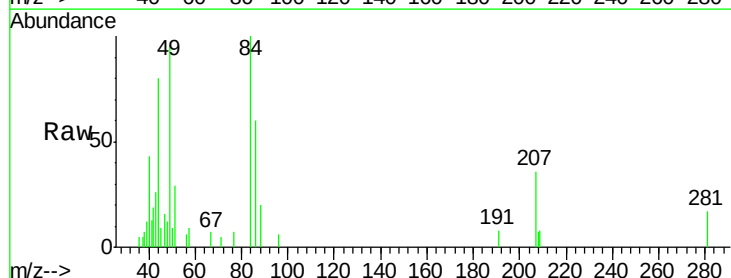
Instrument :
MSVOA_N
ClientSampleId :

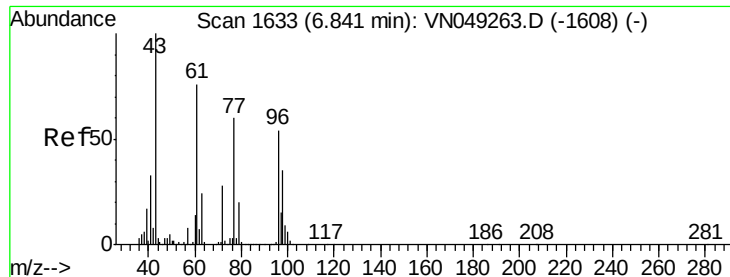
Tot Ion: 73 Resp: 76883
Ion Ratio Lower Upper
73 100
57 25.9 18.2 27.4



#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 4.54 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

Tgt Ion: 84 Resp: 9623
Ion Ratio Lower Upper
84 100
49 96.3 106.9 160.3#
51 29.4 32.7 49.1#
86 60.4 49.8 74.8





#25

2-Butanone

Concen: 0.60 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

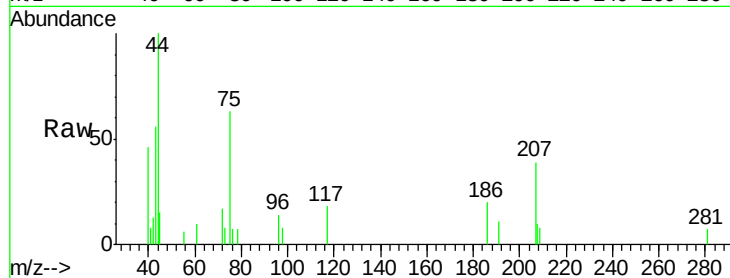
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 3076

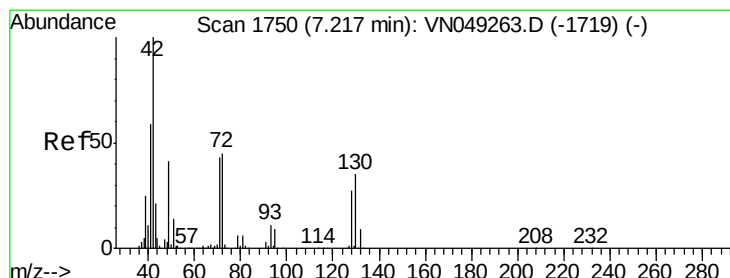
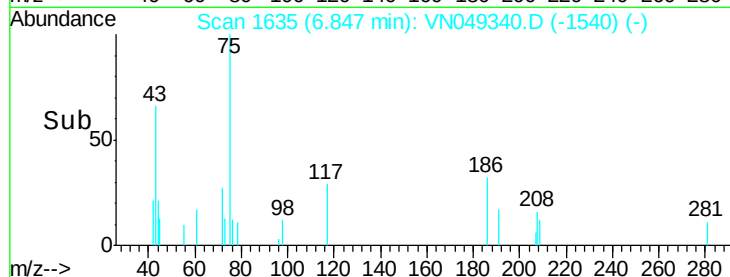
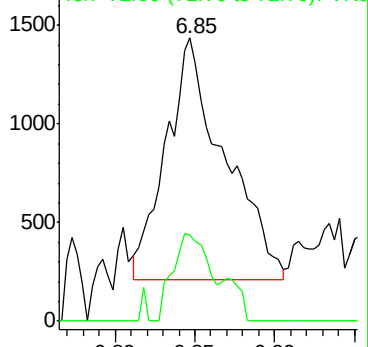
Ion Ratio Lower Upper

43 100

72 37.1 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN049340.D (-1540) (-)



#29

Tetrahydrofuran

Concen: 0.73 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

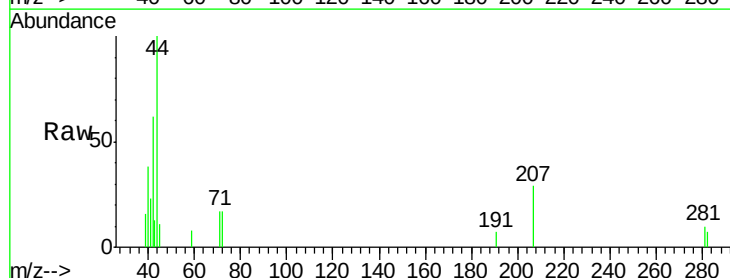
Tgt Ion: 42 Resp: 2438

Ion Ratio Lower Upper

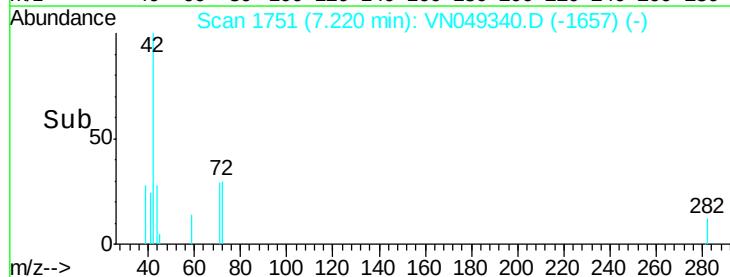
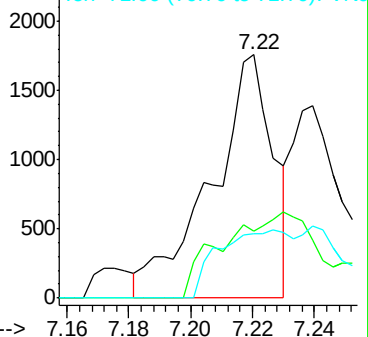
42 100

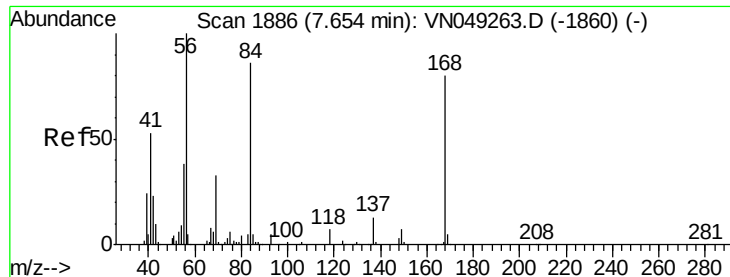
72 57.6 32.2 48.4#

71 32.9 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN049340.D (-1657) (-)

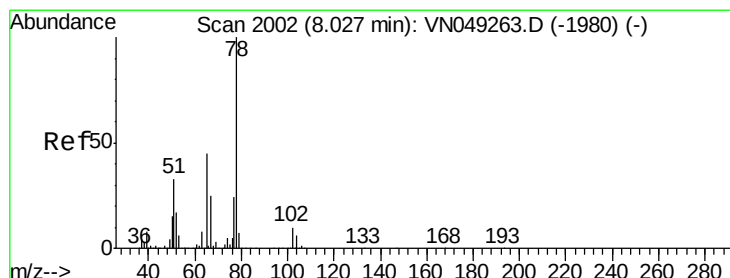
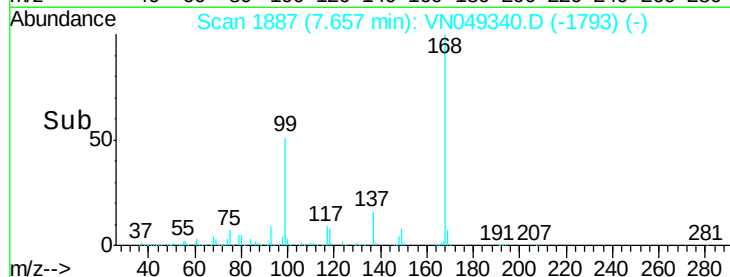
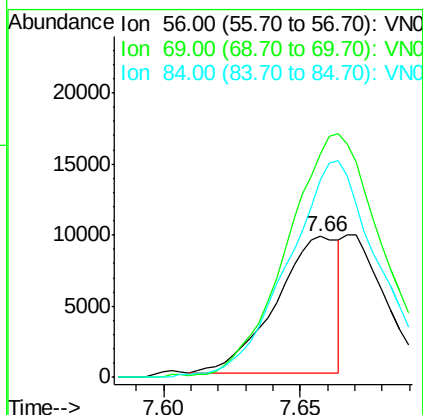
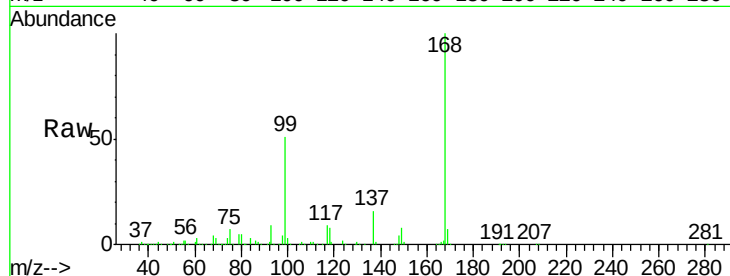




#31
Cyclohexane
Concen: 0.48 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

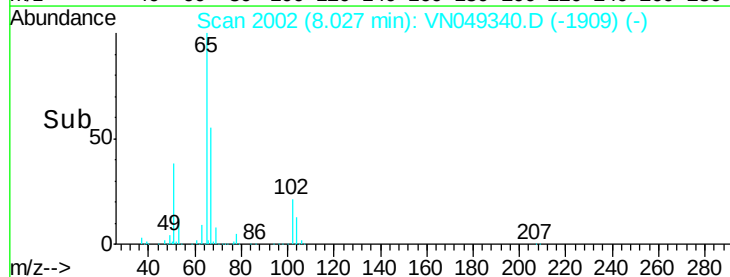
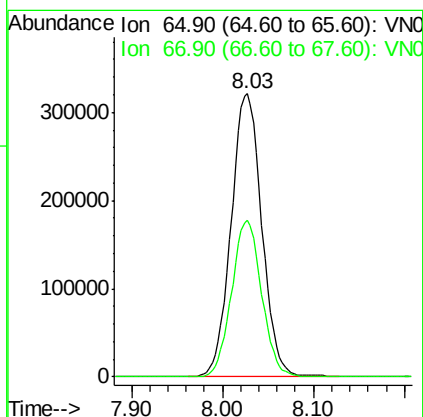
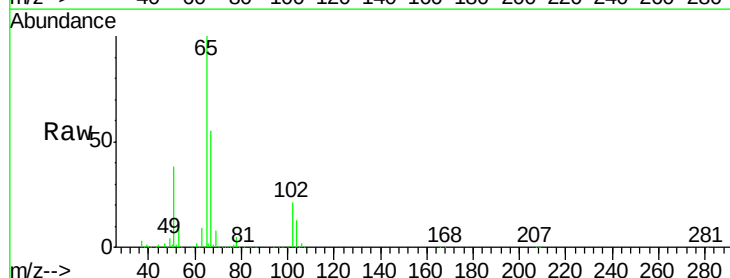
Instrument :
MSVOA_N
ClientSampled :

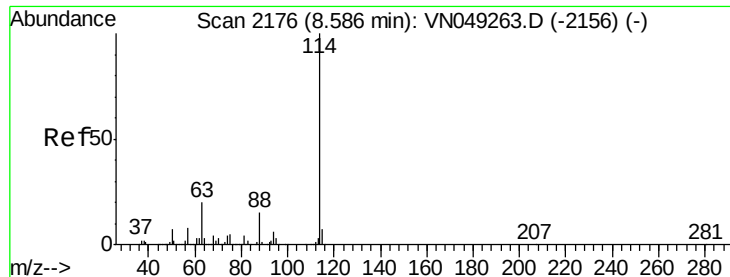
Tot Ion: 56 Resp: 15209
Ion Ratio Lower Upper
56 100
69 162.2 25.0 37.4#
84 142.0 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 47.58 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

Tgt Ion: 65 Resp: 753230
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.8

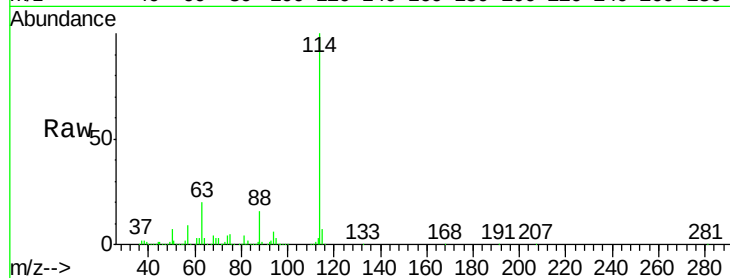




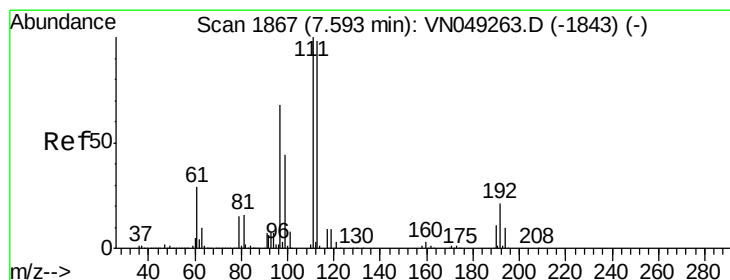
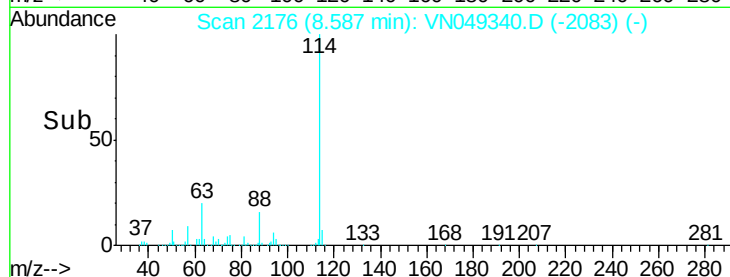
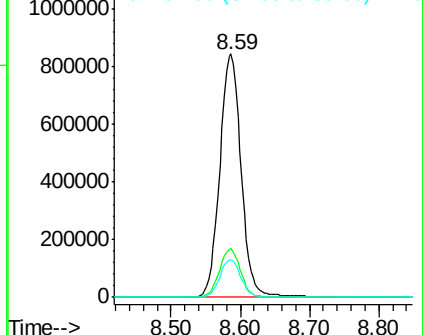
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049340.D
 Acq: 18 Jun 2018 13:55

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 1803668
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.6 0.0 31.4

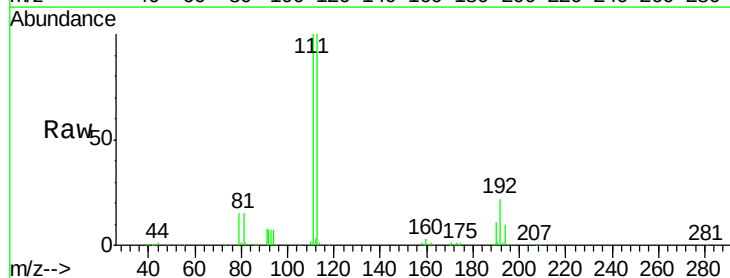


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

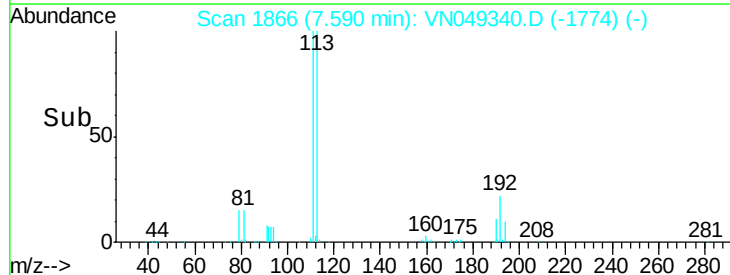
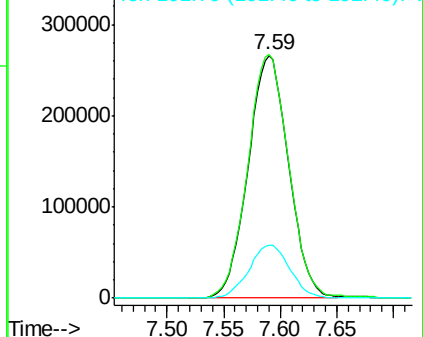


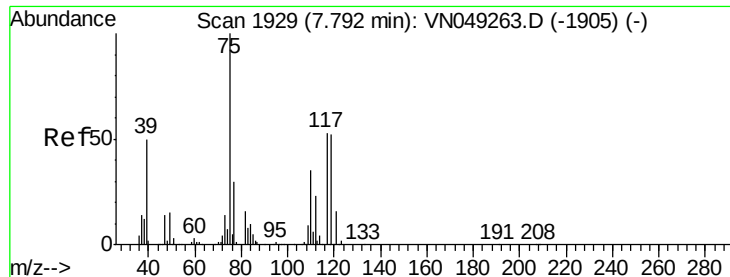
#35
 Dibromofluoromethane
 Concen: 45.21 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049340.D
 Acq: 18 Jun 2018 13:55

Tgt Ion:113 Resp: 659790
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 22.1 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: 3.89 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Instrument :

MSVOA_N

ClientSampleId :

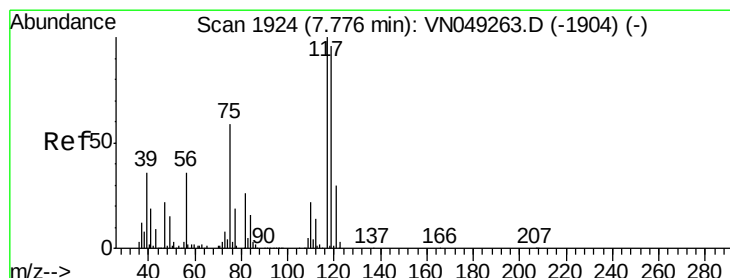
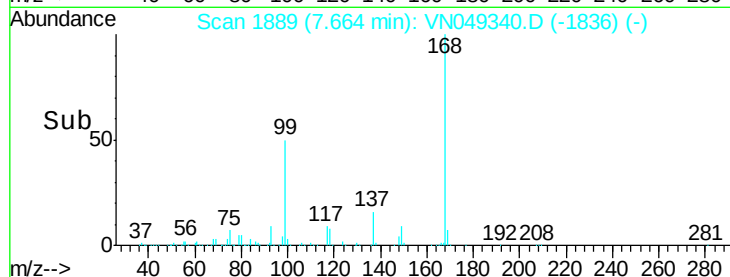
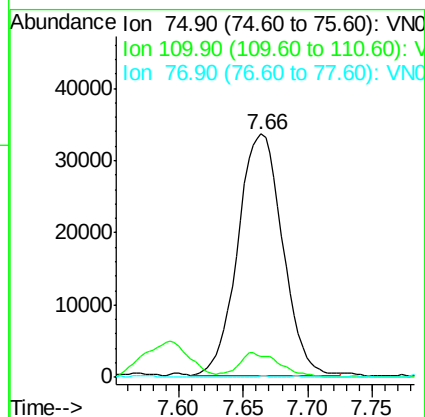
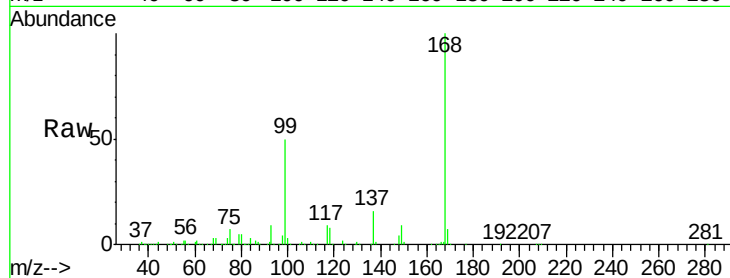
Tot Ion: 75 Resp: 80330

Ion Ratio Lower Upper

75 100

110 9.6 17.0 50.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.01 ug/l

RT: 7.66 min Scan# 1888

Delta R.T. -0.12 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

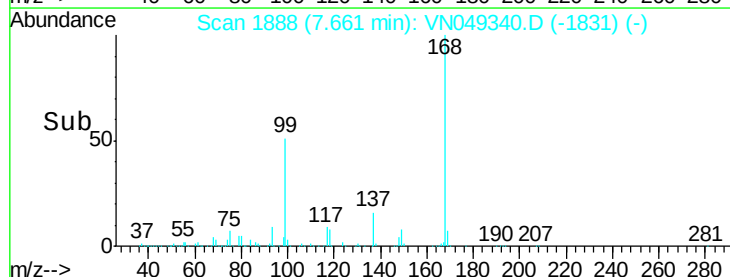
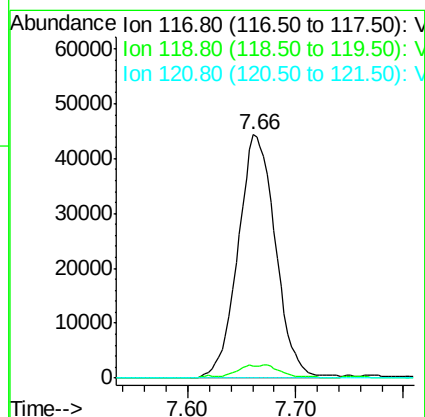
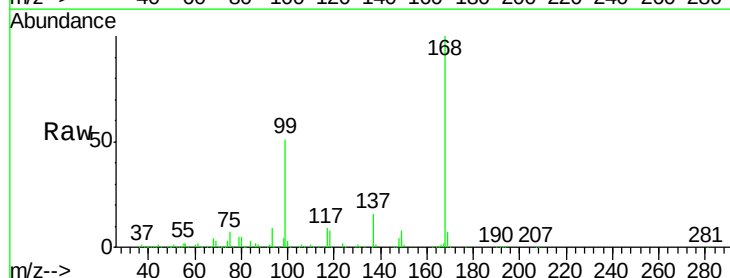
Tgt Ion: 117 Resp: 107319

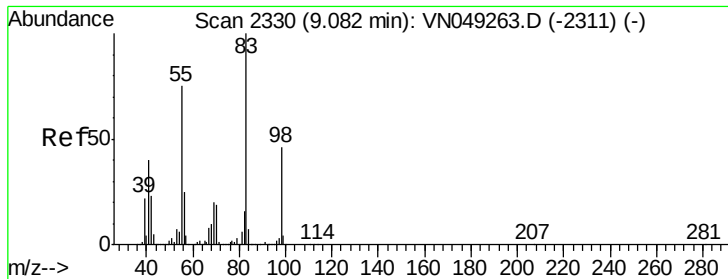
Ion Ratio Lower Upper

117 100

119 5.1 75.6 113.4#

121 0.0 24.7 37.1#

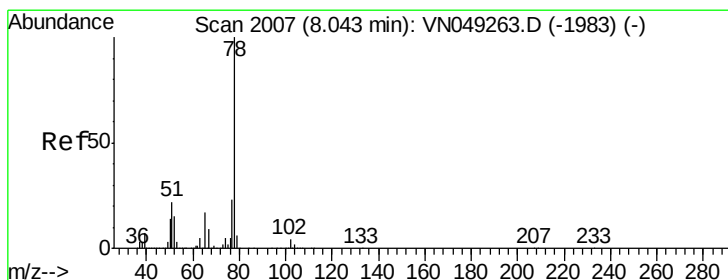
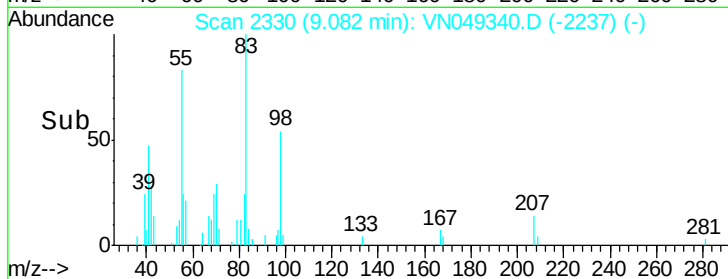
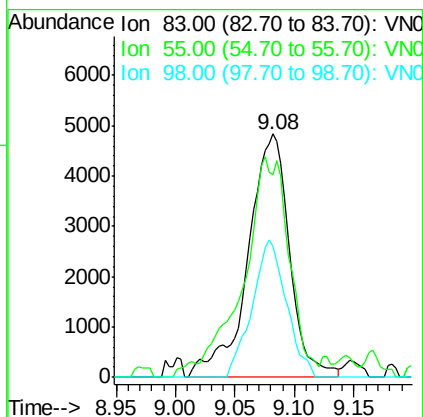
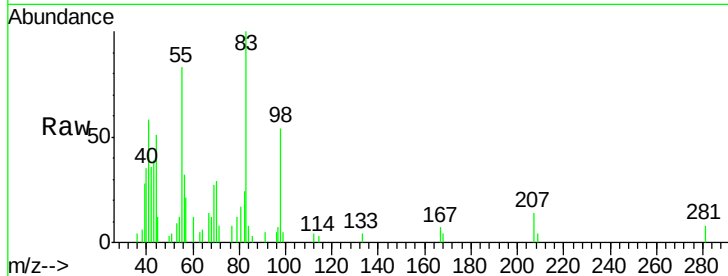




#39
Methylvlcyclohexane
Concen: 0.53 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

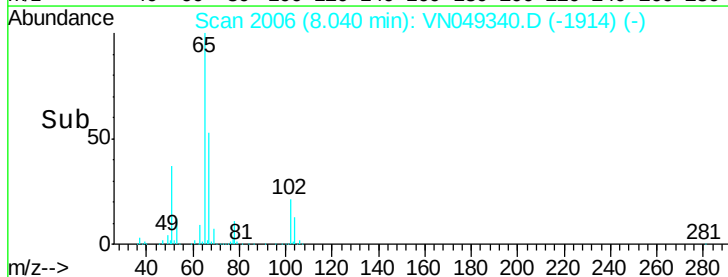
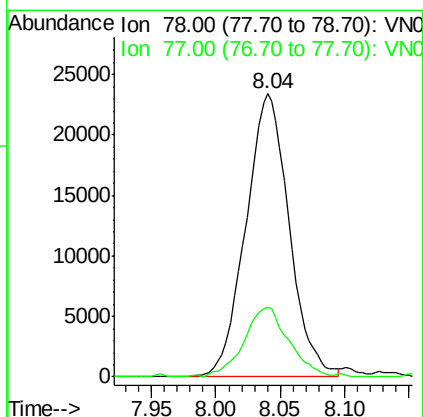
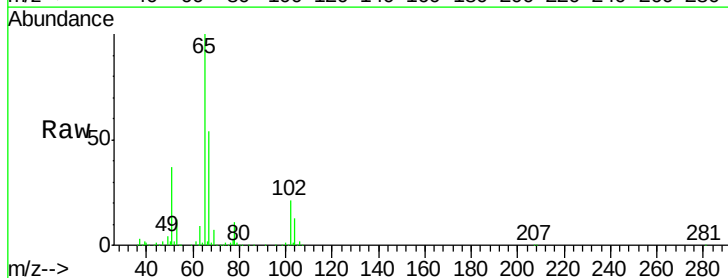
Instrument :
MSVOA_N
ClientSampleId :

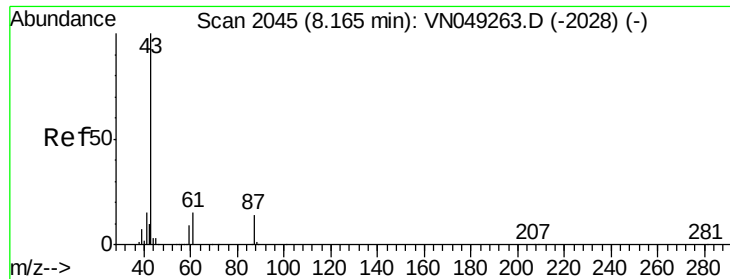
Tot Ion: 83 Resp: 11734
Ion Ratio Lower Upper
83 100
55 77.2 65.1 97.7
98 53.6 36.5 54.7



#40
Benzene
Concen: 0.87 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

Tgt Ion: 78 Resp: 54842
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#43

Isopropyl Acetate

Concen: 0.87 ug/l

RT: 8.18 min Scan# 2050

Delta R.T. 0.02 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Instrument :

MSVOA_N

ClientSampleId :

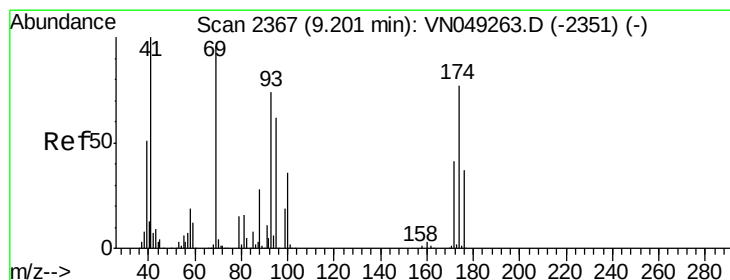
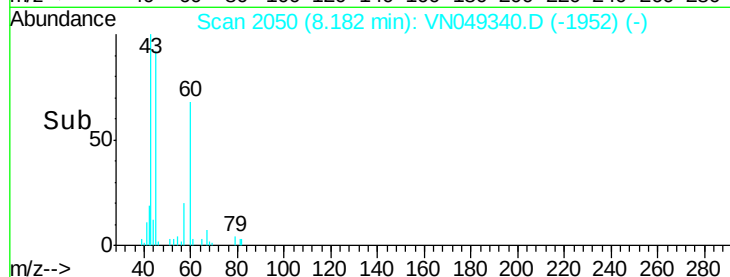
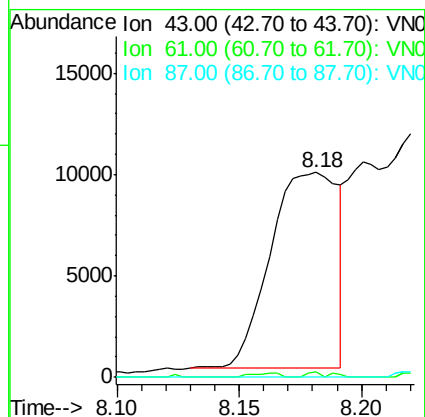
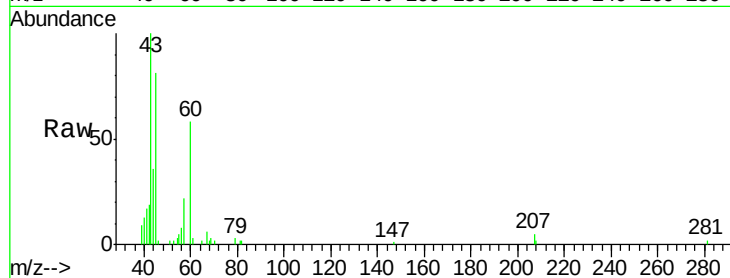
Tot Ion: 43 Resp: 18583

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#



#49

1,4-Dioxane

Concen: 0.70 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.02 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

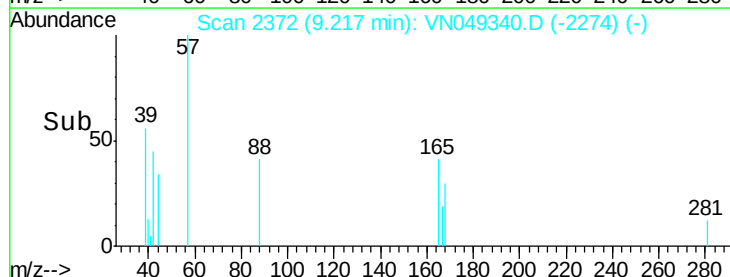
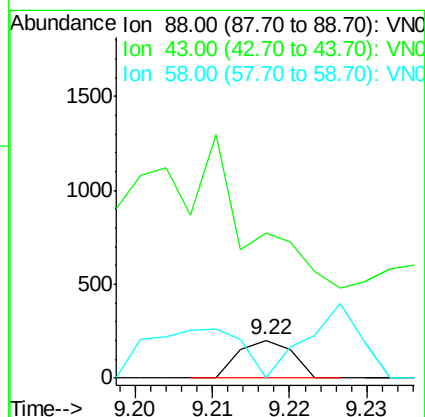
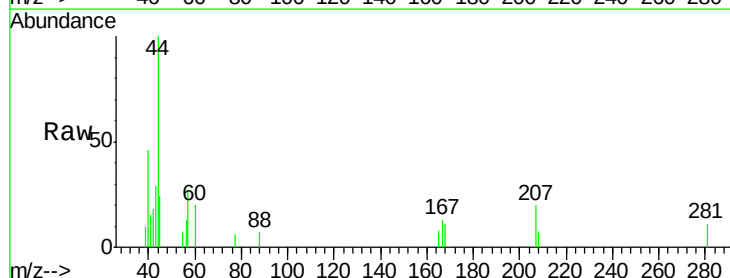
Tgt Ion: 88 Resp: 98

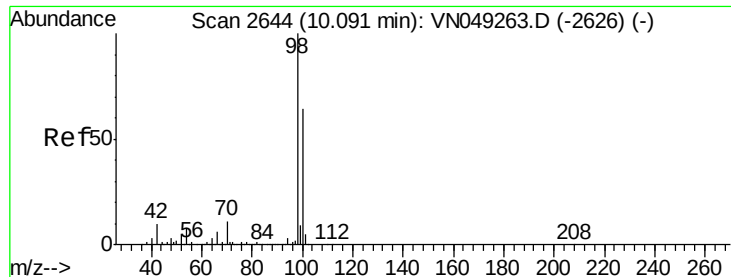
Ion Ratio Lower Upper

88 100

43 733.7 30.9 46.3#

58 225.5 58.9 88.3#





#50

Toluene-d8

Concen: 45.79 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Instrument :

MSVOA_N

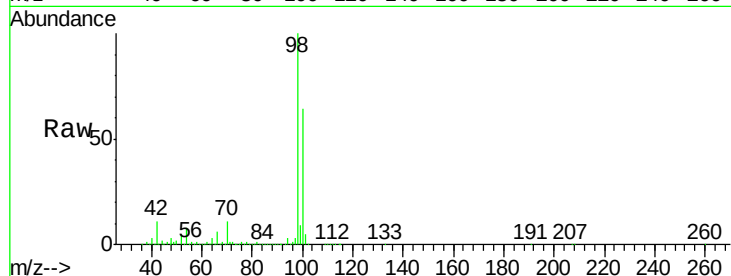
ClientSampleId :

Tot Ion: 98 Resp: 2544368

Ion Ratio Lower Upper

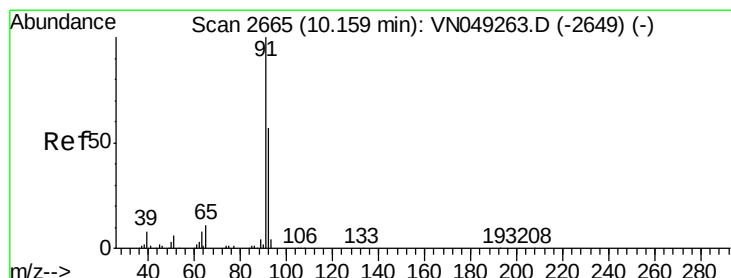
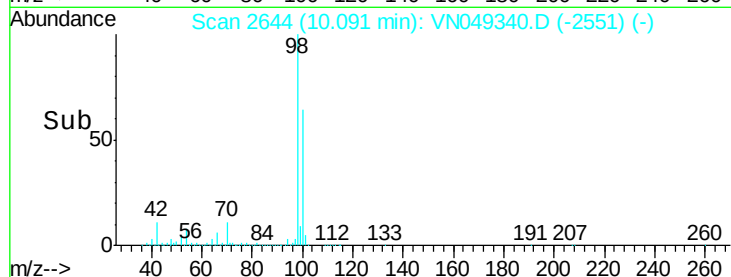
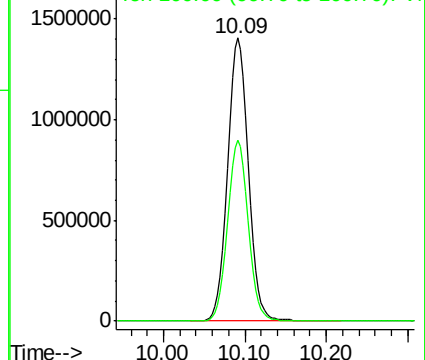
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.84 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049340.D

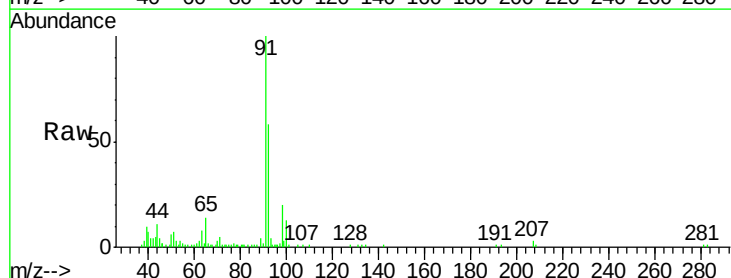
Acq: 18 Jun 2018 13:55

Tgt Ion: 92 Resp: 31149

Ion Ratio Lower Upper

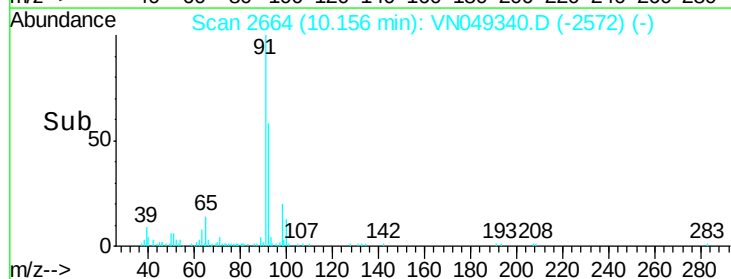
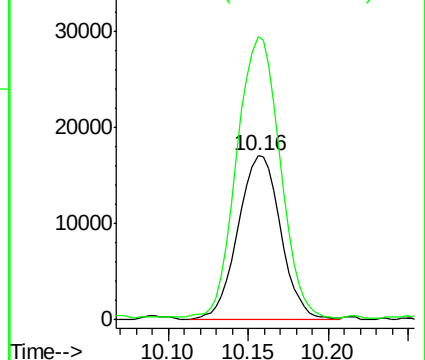
92 100

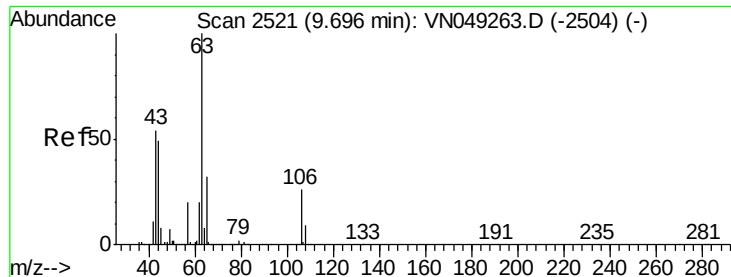
91 172.3 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

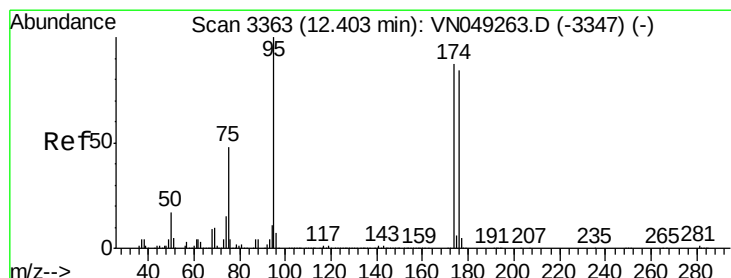
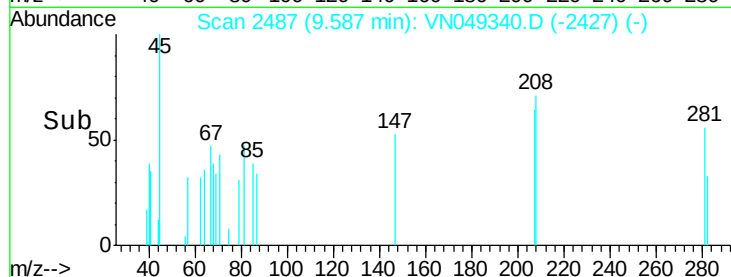
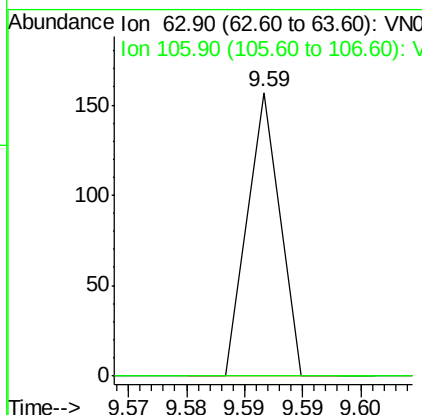
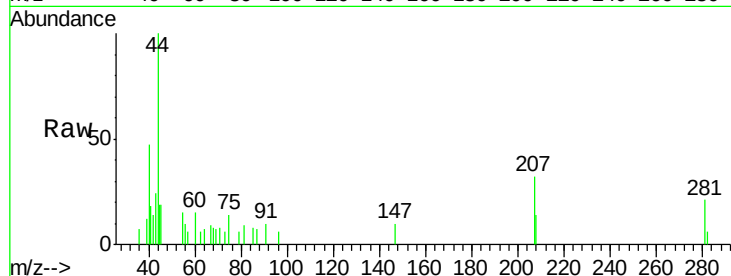




#58
2-Chloroethyl Vinyl ether
Concen: 14.33 ug/l
RT: 9.59 min Scan# 2487
Delta R.T. -0.11 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

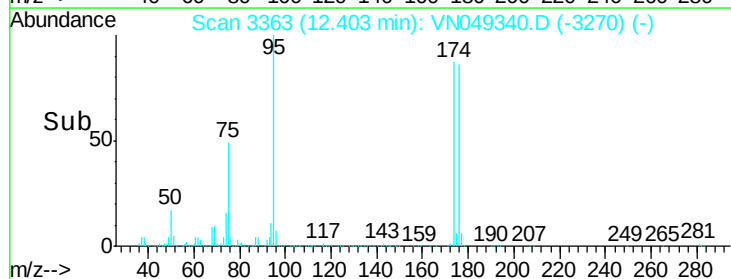
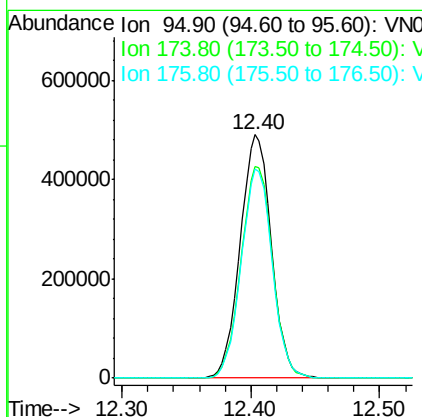
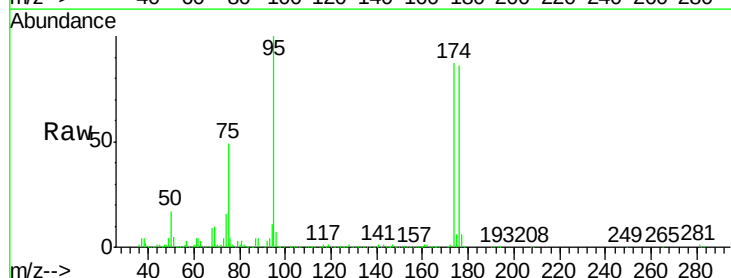
Instrument :
MSVOA_N
ClientSampled :

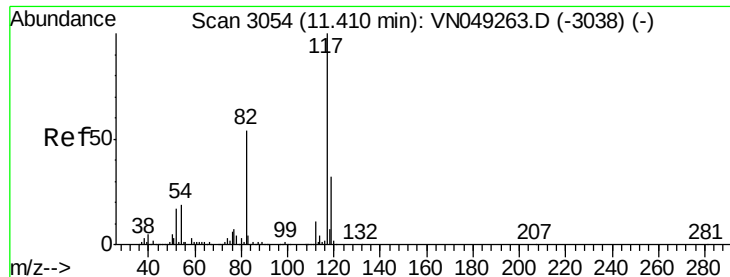
Tot Ion: 63 Resp: 30
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#



#62
4-Bromofluorobenzene
Concen: 44.74 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

Tgt Ion: 95 Resp: 822013
Ion Ratio Lower Upper
95 100
174 87.8 0.0 165.6
176 85.9 0.0 157.4

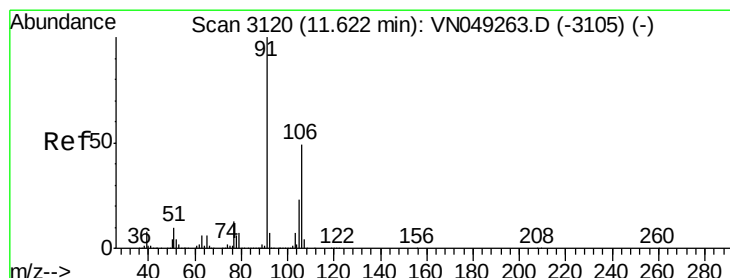
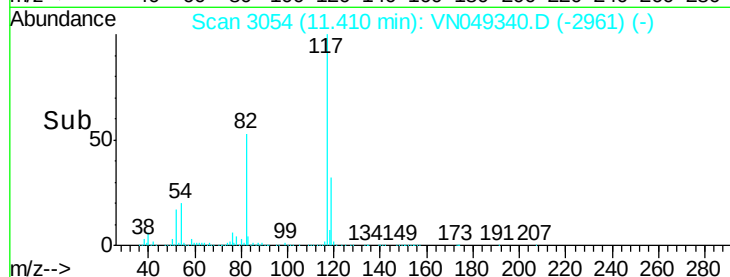
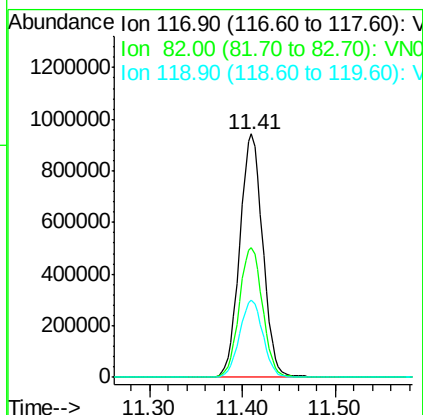
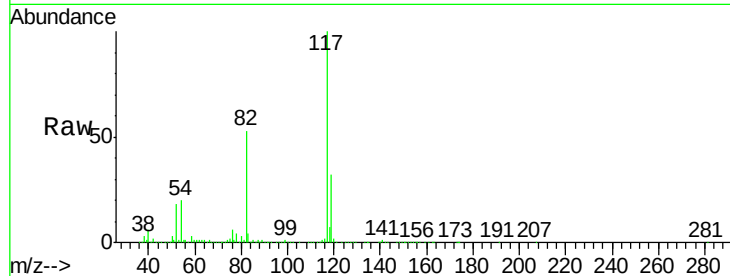




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

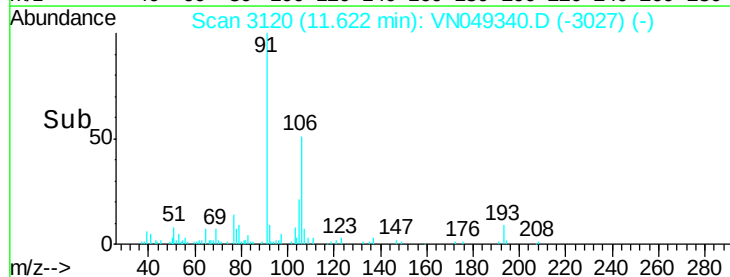
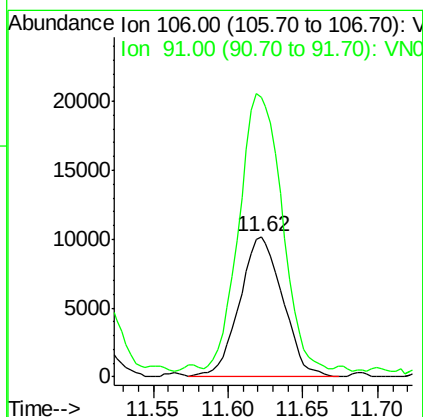
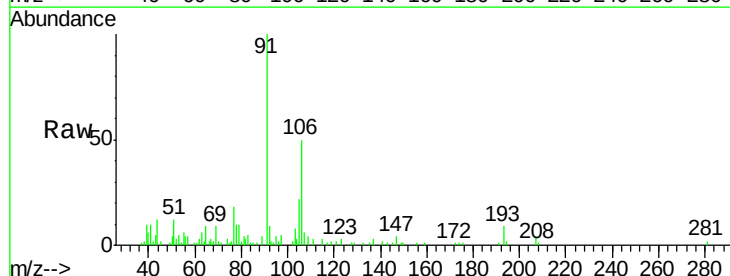
Instrument :
MSVOA_N
ClientSampleId :

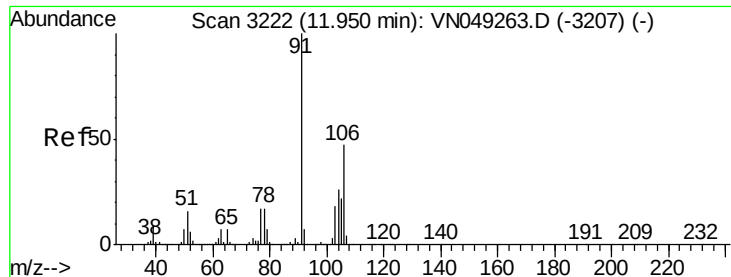
Tot Ion:117 Resp: 1624193
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 0.78 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

Tgt Ion:106 Resp: 20396
Ion Ratio Lower Upper
106 100
91 192.8 167.3 250.9

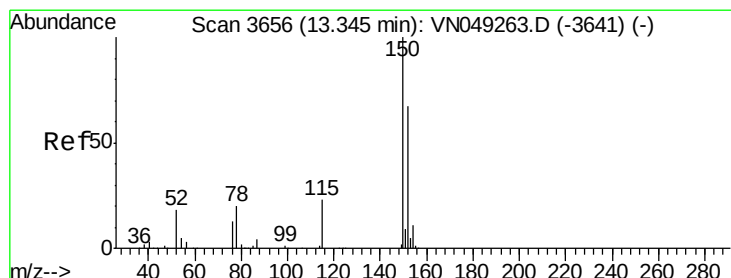
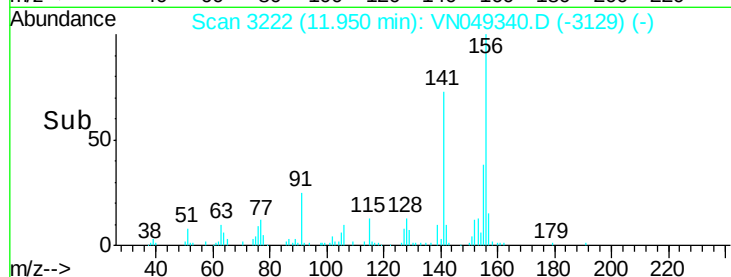
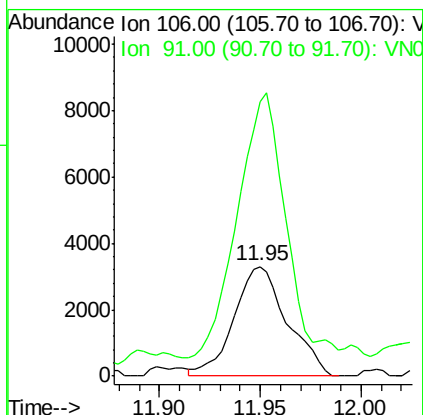
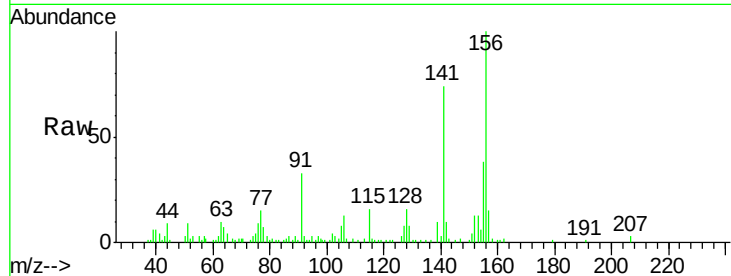




#69
o-Xylene
Concen: 0.24 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

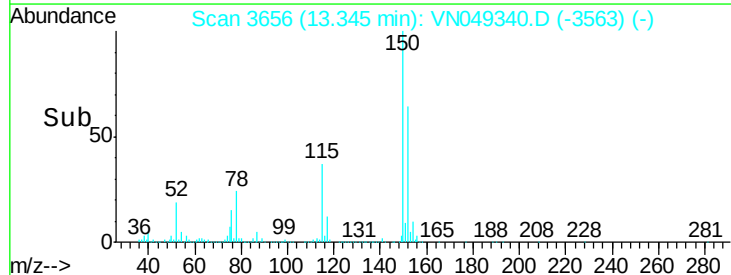
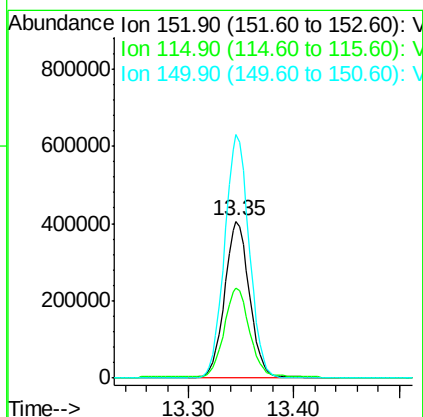
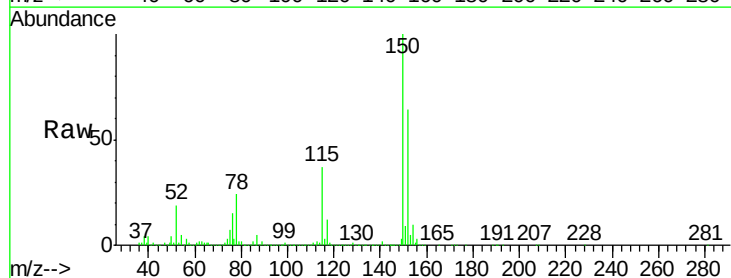
Instrument :
MSVOA_N
ClientSampleId :

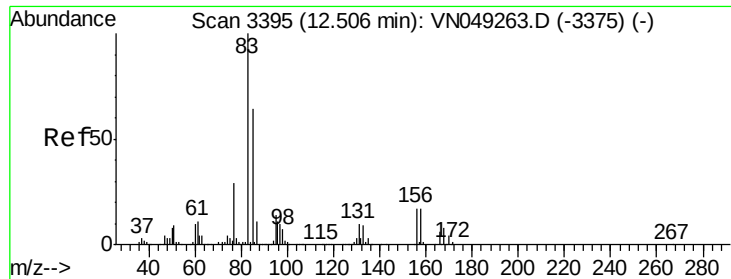
Tot Ion:106 Resp: 6095
Ion Ratio Lower Upper
106 100
91 218.9 111.0 333.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049340.D
Acq: 18 Jun 2018 13:55

Tgt Ion:152 Resp: 660747
Ion Ratio Lower Upper
152 100
115 59.7 28.7 86.1
150 153.4 0.0 351.0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

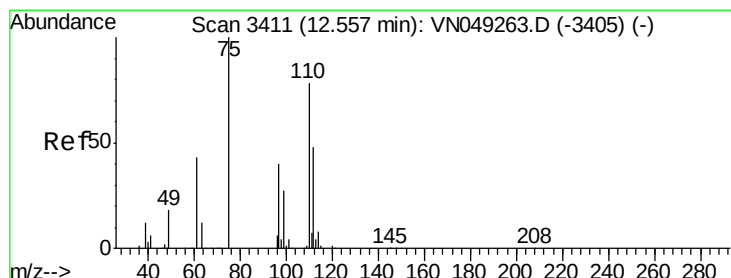
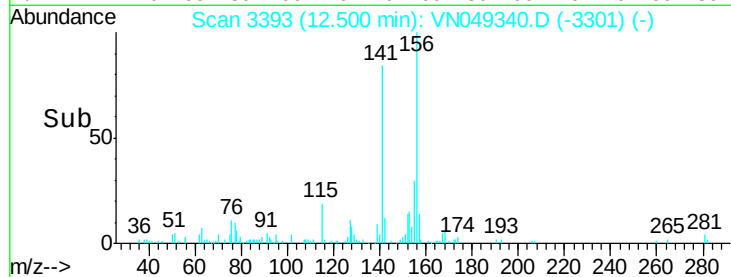
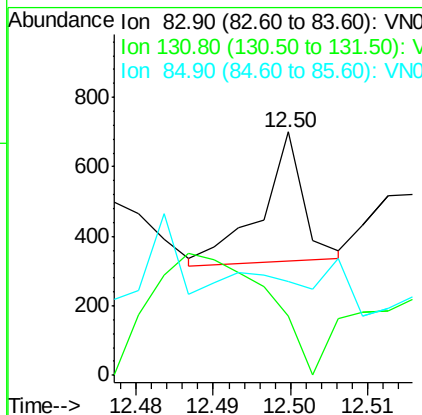
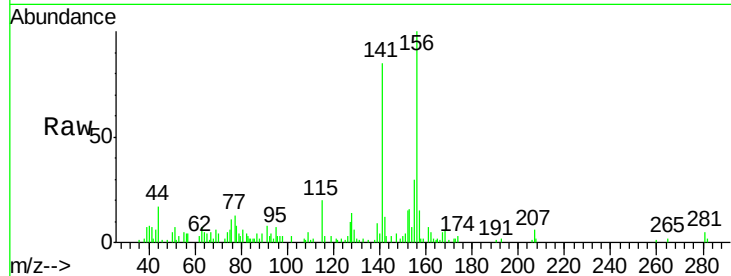
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 83 Resp: 143

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	0.0	32.0	96.0#



#76

1,2,3-Trichloropropane

Concen: 35.73 ug/l

RT: 12.40 min Scan# 3363

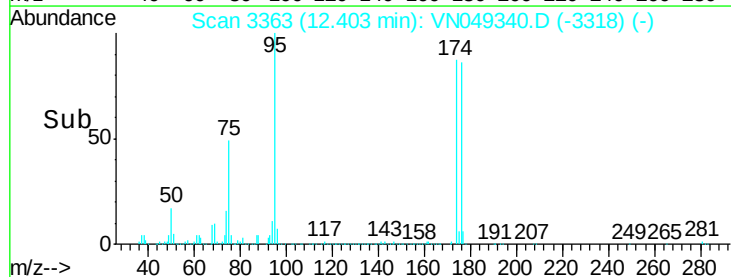
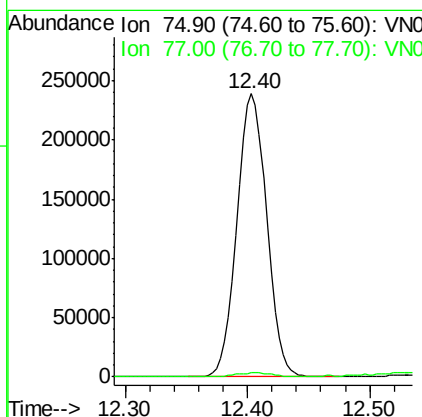
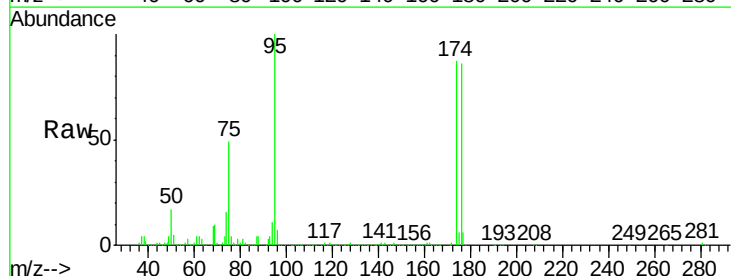
Delta R.T. -0.15 min

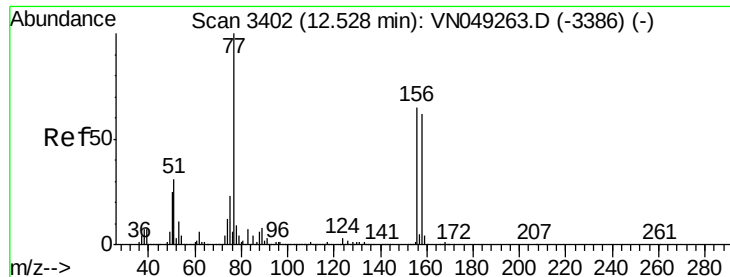
Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Tgt Ion: 75 Resp: 402778

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#77

Bromobenzene

Concen: 37.70 ug/l

RT: 12.59 min Scan# 3420

Delta R.T. 0.06 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Instrument :

MSVOA_N

ClientSampleId :

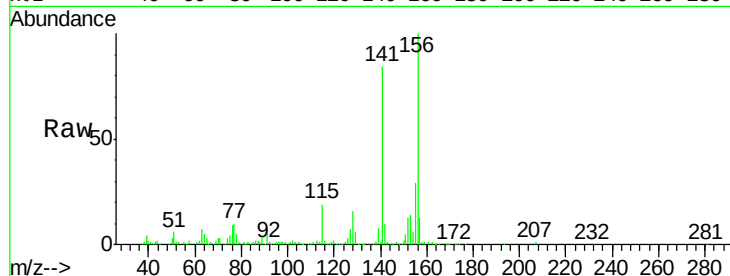
Tot Ion:156 Resp: 577679

Ion Ratio Lower Upper

156 100

77 6.2 100.8 302.4#

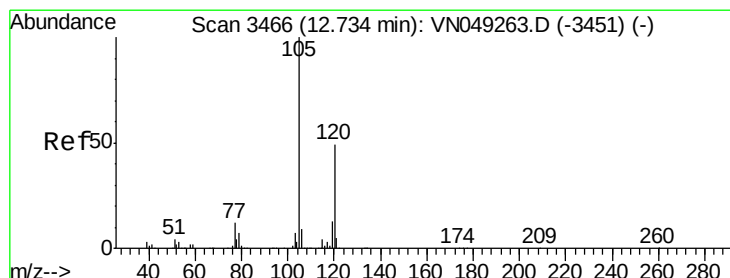
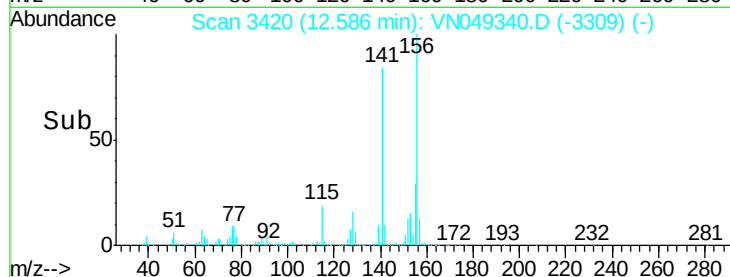
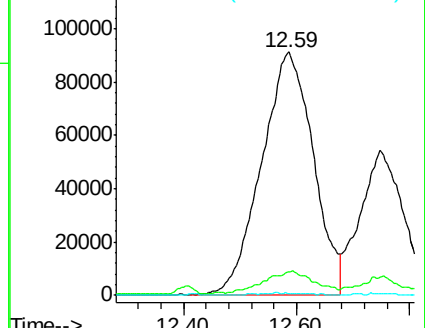
158 0.0 49.3 147.9#



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



#80

1,3,5-Trimethylbenzene

Concen: 0.29 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049340.D

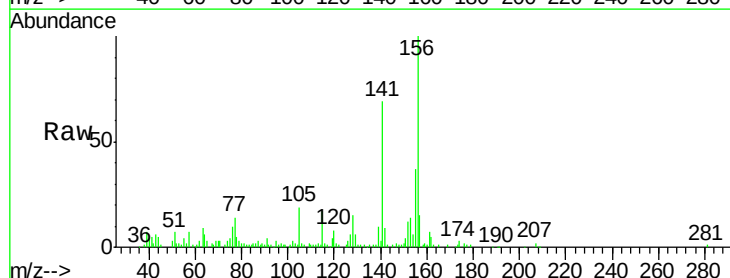
Acq: 18 Jun 2018 13:55

Tgt Ion:105 Resp: 13428

Ion Ratio Lower Upper

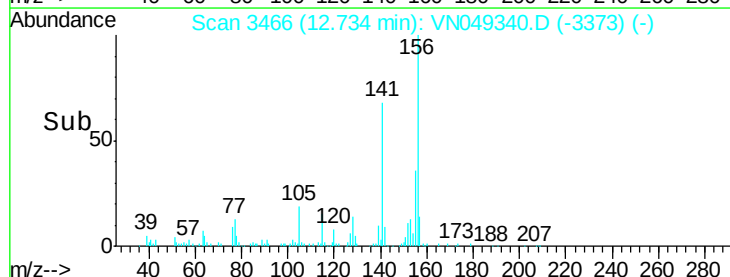
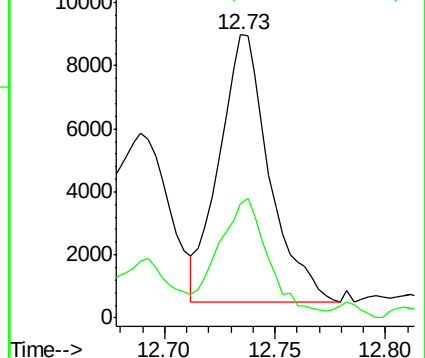
105 100

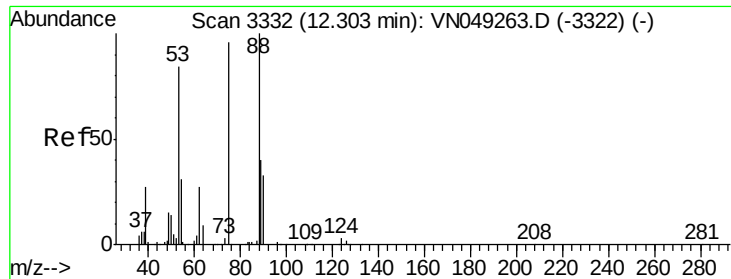
120 41.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 112.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Instrument :

MSVOA_N

ClientSampleId :

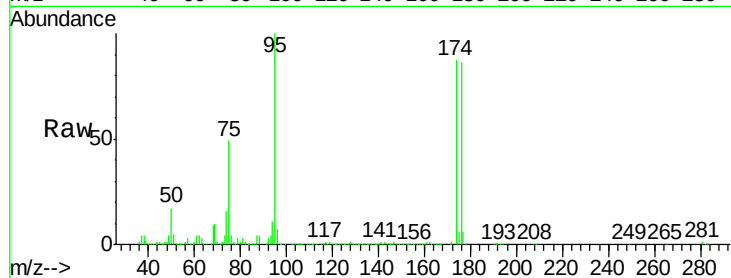
Tot Ion: 75 Resp: 402778

Ion Ratio Lower Upper

75 100

53 0.0 82.7 124.1#

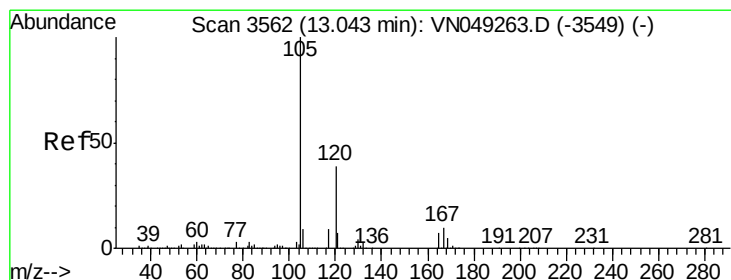
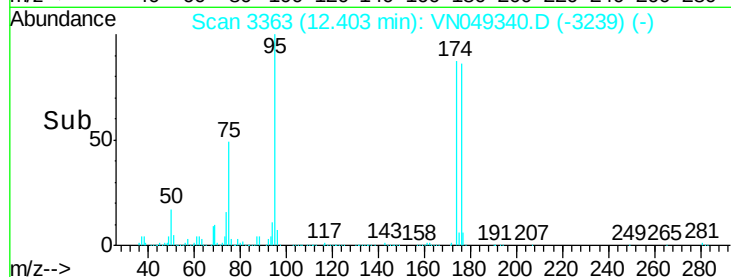
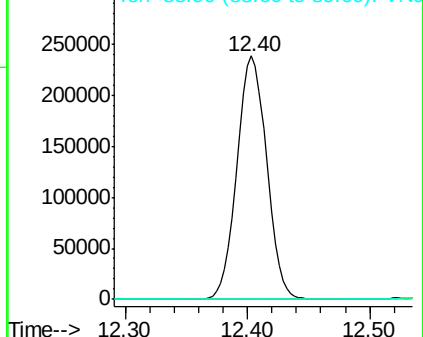
89 0.1 36.5 54.7#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.54 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049340.D

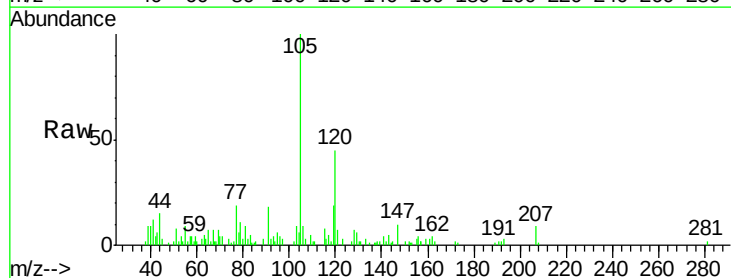
Acq: 18 Jun 2018 13:55

Tgt Ion: 105 Resp: 24552

Ion Ratio Lower Upper

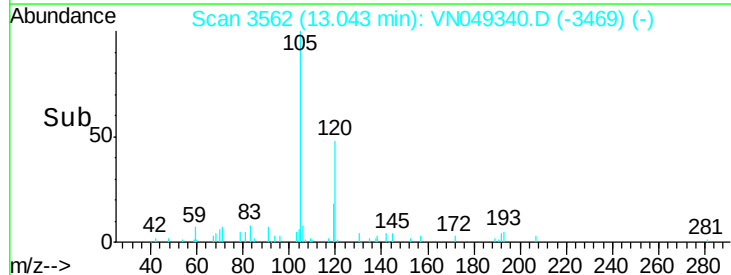
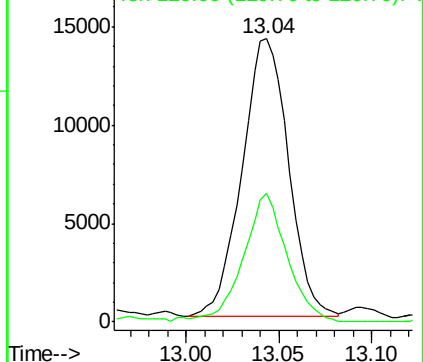
105 100

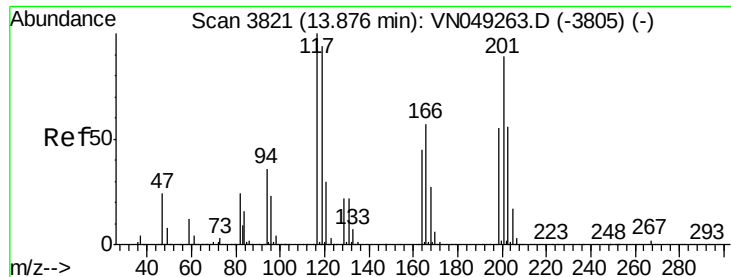
120 44.0 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Instrument :

MSVOA_N

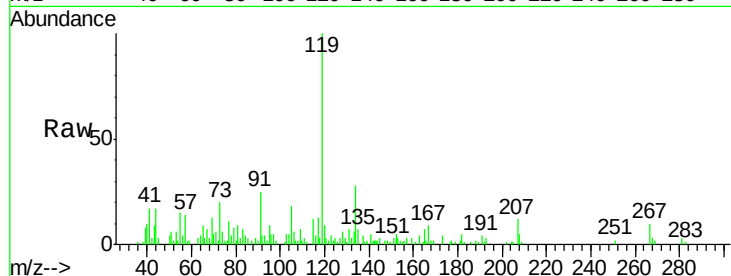
ClientSampled :

Tot Ion:117 Resp: 2101

Ion Ratio Lower Upper

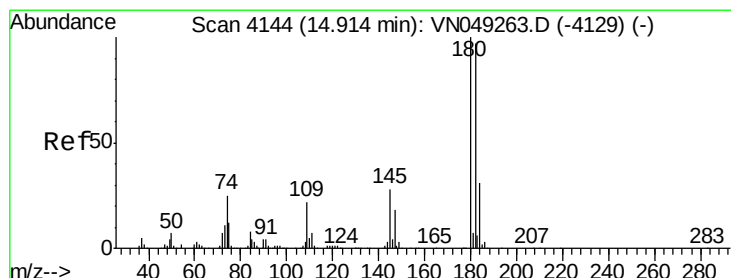
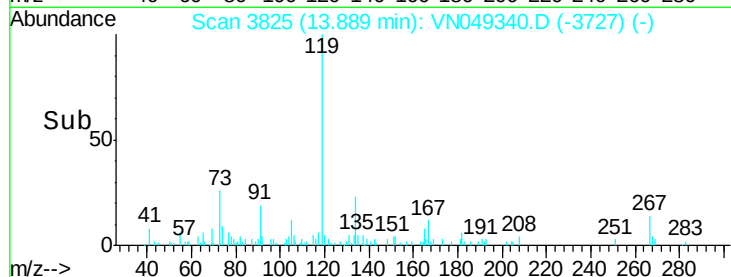
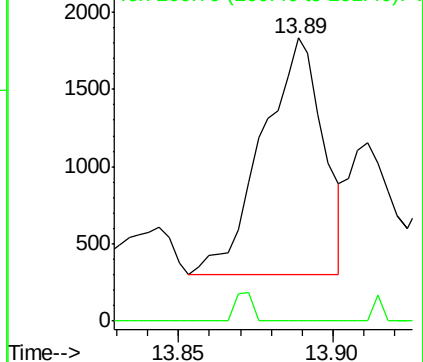
117 100

201 3.3 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 4.81 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

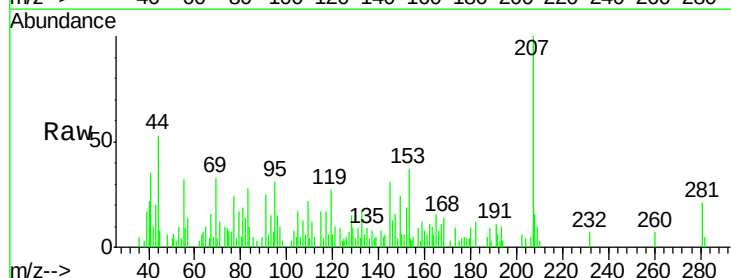
Tgt Ion:180 Resp: 845

Ion Ratio Lower Upper

180 100

182 22.1 46.9 140.8#

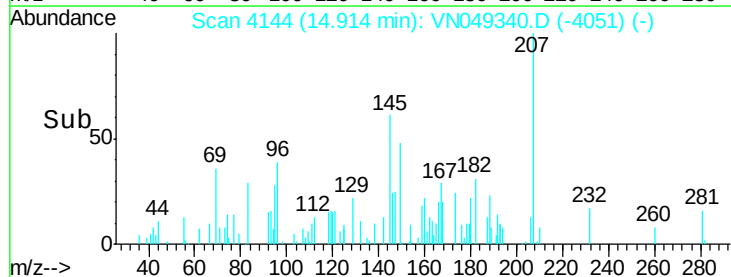
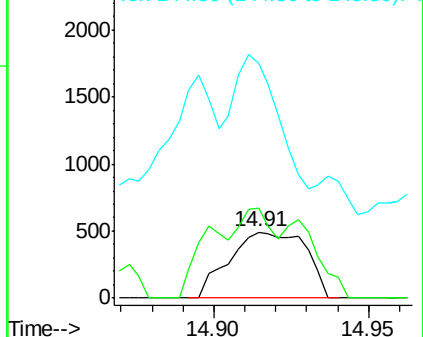
145 119.9 14.7 44.1#

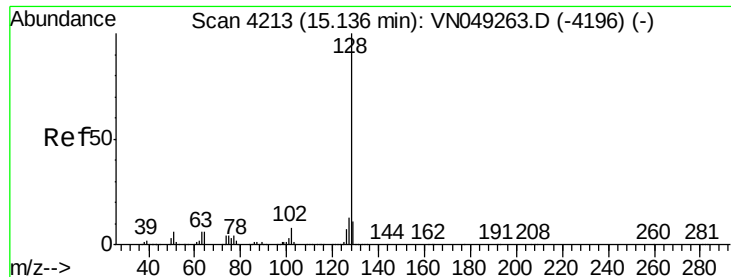


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 8.49 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

Instrument :

MSVOA_N

ClientSampleId :

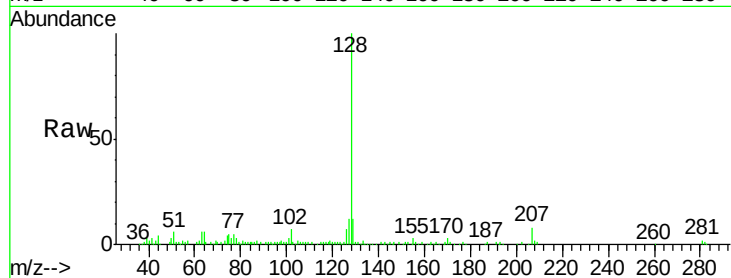
Tot Ion:128 Resp: 119618

Ion Ratio Lower Upper

128 100

127 12.2 10.6 16.0

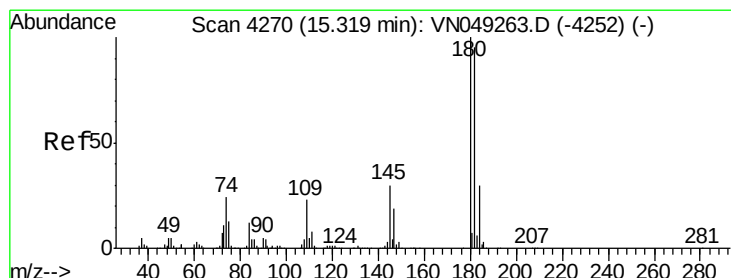
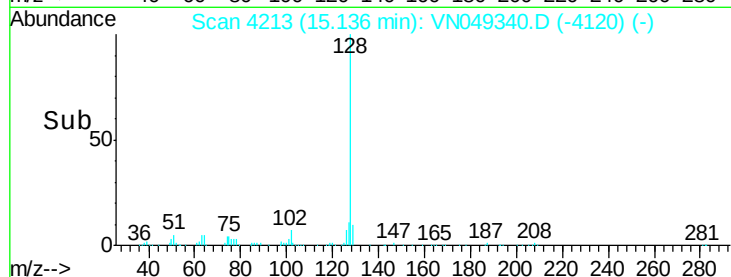
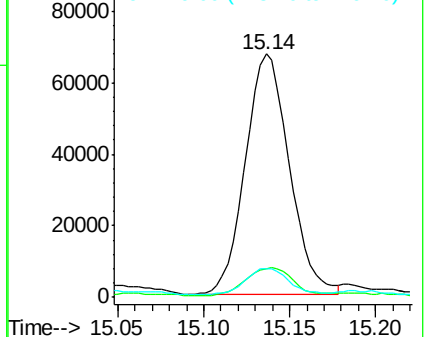
129 10.0 8.5 12.7



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: 3.57 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049340.D

Acq: 18 Jun 2018 13:55

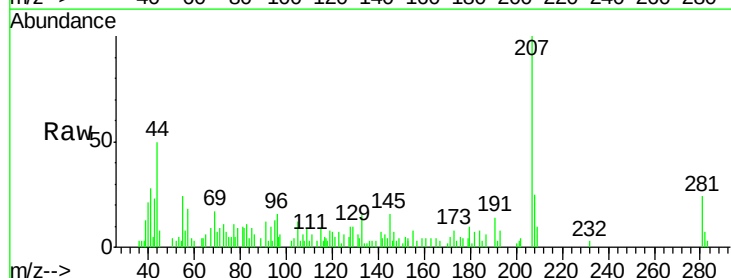
Tgt Ion:180 Resp: 1291

Ion Ratio Lower Upper

180 100

182 57.8 47.3 141.8

145 0.0 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

