

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049339.D
 Acq On : 18 Jun 2018 13:29
 Operator : MD\SY
 Sample : J3524-03ME
 Misc : 5.02g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:29:49 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	1213109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1839832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1600120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	744986	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	762468	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
35) Dibromofluoromethane	7.59	113	677635	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
50) Toluene-d8	10.09	98	2558532	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.40	95	821724	43.85	ug/l	0.00
Spiked Amount			Recovery	=	87.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	4208	0.23	ug/l	95
11) Tert butyl alcohol	4.82	59	358	0.38	ug/l #	70
13) Acrolein	3.61	56	528	0.53	ug/l	87
16) Acetone	3.83	43	6244	1.60	ug/l #	89
17) Carbon Disulfide	4.03	76	11654	0.27	ug/l #	93
18) Methyl Acetate	4.33	43	64942	5.45	ug/l	99
20) Methylene Chloride	4.53	84	3935	0.24	ug/l #	70
25) 2-Butanone	6.84	43	1338	0.26	ug/l #	64
29) Tetrahydrofuran	7.23	42	3954	1.17	ug/l #	81
31) Cyclohexane	7.66	56	25934	0.92	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	84245	4.00	ug/l #	50
38) Carbon Tetrachloride	7.66	117	111157	5.09	ug/l #	18
39) Methylcyclohexane	9.08	83	10528	0.47	ug/l	98
40) Benzene	8.04	78	198595	3.07	ug/l	93
43) Isopropyl Acetate	8.17	43	16808	0.77	ug/l #	64
49) 1,4-Dioxane	9.21	88	435	3.06	ug/l #	1
52) Toluene	10.16	92	62117	1.64	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.60	63	71	14.34	ug/l #	51
67) Ethyl Benzene	11.51	91	288343	4.22	ug/l	99
68) m/p-Xylenes	11.63	106	66592	2.60	ug/l	97
69) o-Xylene	11.95	106	85373	3.45	ug/l	96
70) Styrene	11.95	104	9923	0.25	ug/l #	1
73) Isopropylbenzene	12.25	105	67350	1.03	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	299	Below	Cal #	43
76) 1,2,3-Trichloropropane	12.40	75	398733	31.37	ug/l #	100
78) n-propylbenzene	12.60	91	18808	0.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	107489	2.09	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	398733	99.14	ug/l #	9
83) tert-Butylbenzene	13.04	119	35407	0.78	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.04	105	289397	5.67	ug/l	97
86) p-Isopropyltoluene	13.29	119	294510	5.81	ug/l	98
89) n-Butylbenzene	13.55	91	311529	7.87	ug/l #	44
90) Hexachloroethane	13.89	117	22699	0.69	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	1312	0.58	ug/l #	9

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

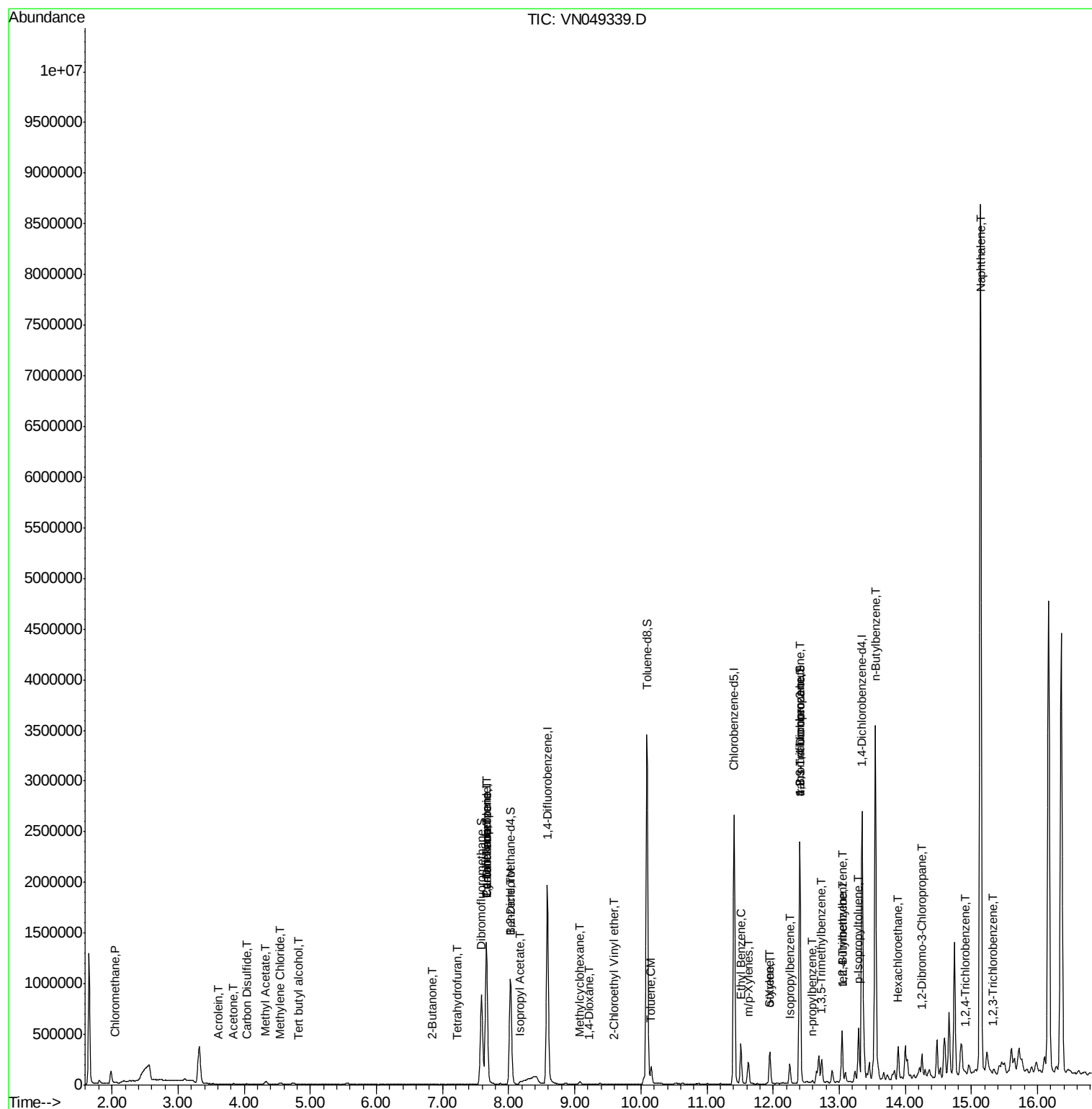
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2656	4.93	ug/l #	57
94) Hexachlorobutadiene	15.01	225	238	Below Cal	#	57
95) Naphthalene	15.14	128	7419435	218.47	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2952	3.68	ug/l #	69

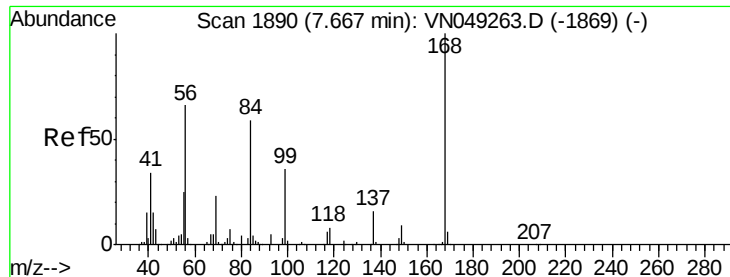
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

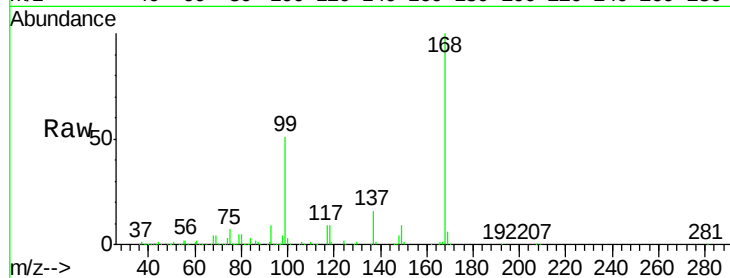
ClientSampled :

Tot Ion:168 Resp: 1213109

Ion Ratio Lower Upper

168 100

99 51.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049263.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049263.D (-1869) (-)

7.66

500000

400000

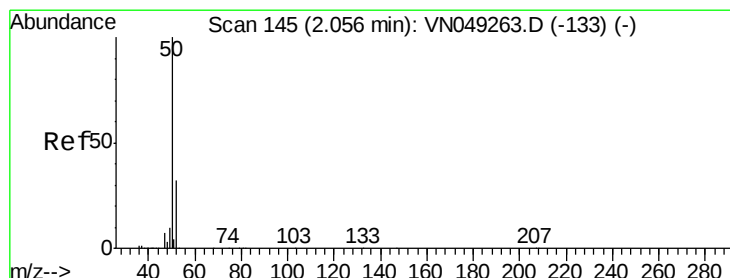
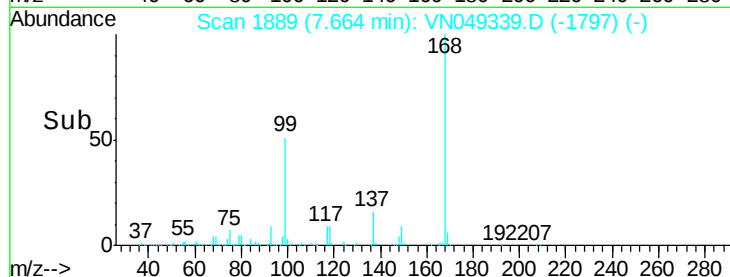
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN049339.D

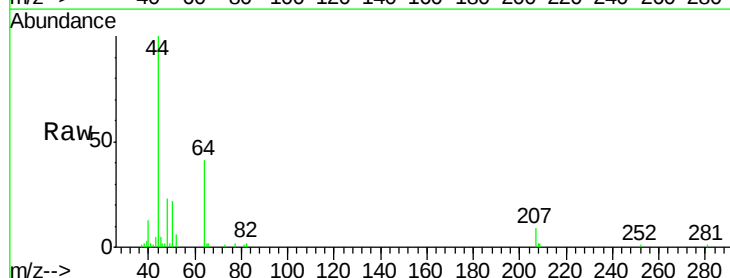
Acq: 18 Jun 2018 13:29

Tgt Ion: 50 Resp: 4208

Ion Ratio Lower Upper

50 100

52 28.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049263.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049263.D (-133) (-)

2.05

3000

2500

2000

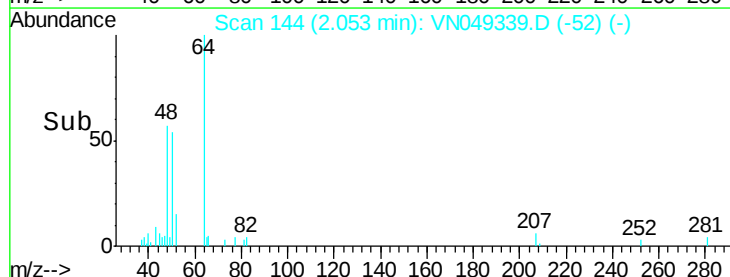
1500

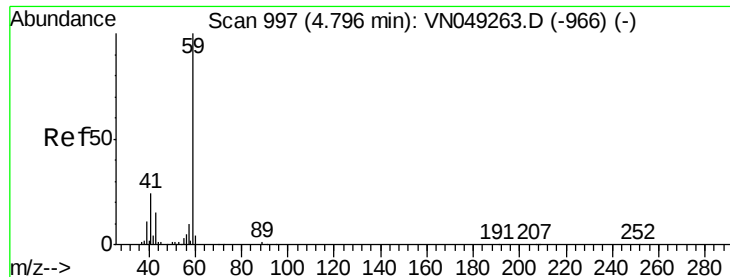
1000

500

0

Time--> 2.00 2.05 2.10



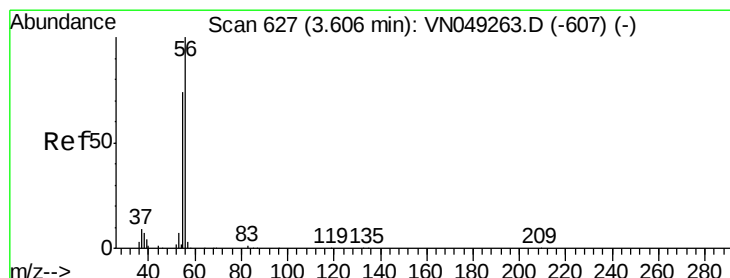
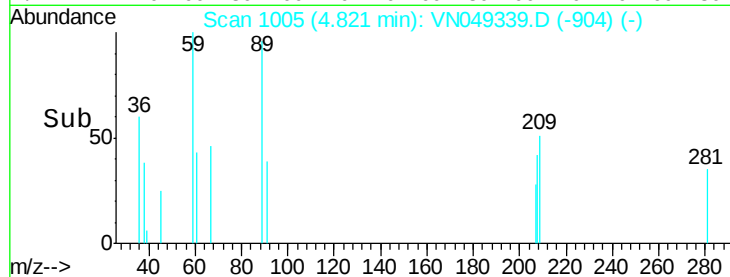
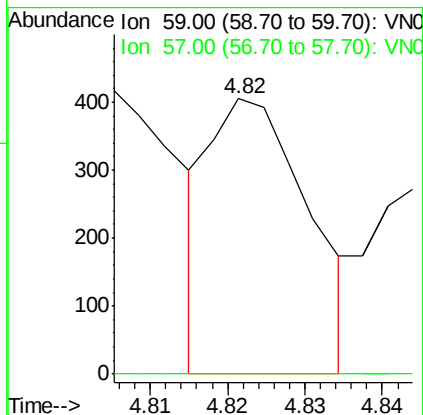
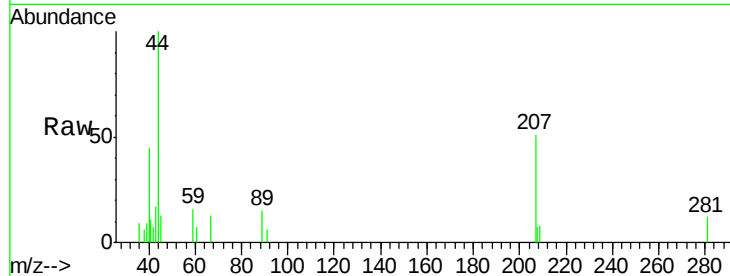


#11

Tert butyl alcohol
 Concen: 0.38 ug/l
 RT: 4.82 min Scan# 1005
 Delta R.T. 0.03 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Instrument :
 MSVOA_N
 ClientSampled :

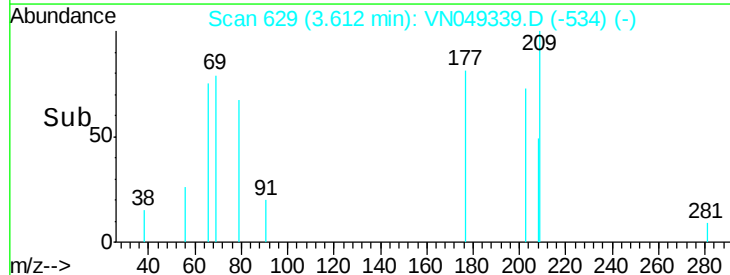
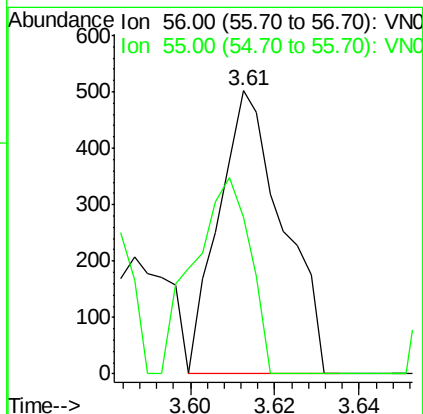
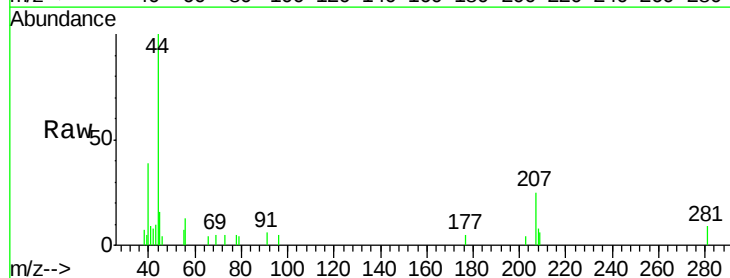
Tot Ion: 59 Resp: 358
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

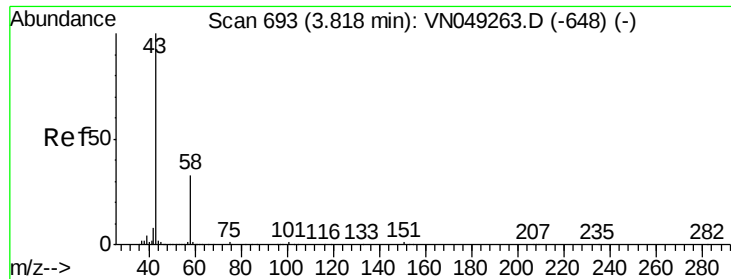


#13

Acrolein
 Concen: 0.53 ug/l
 RT: 3.61 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Tgt Ion: 56 Resp: 528
 Ion Ratio Lower Upper
 56 100
 55 60.8 57.1 85.7





#16

Acetone

Concen: 1.60 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

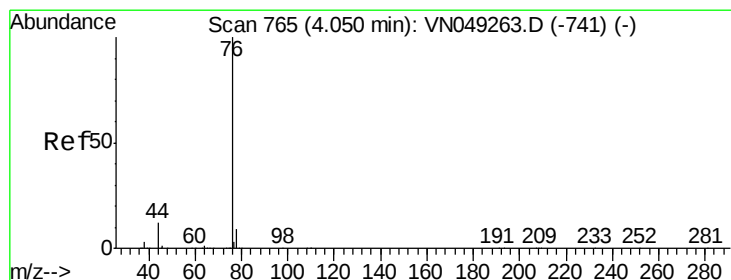
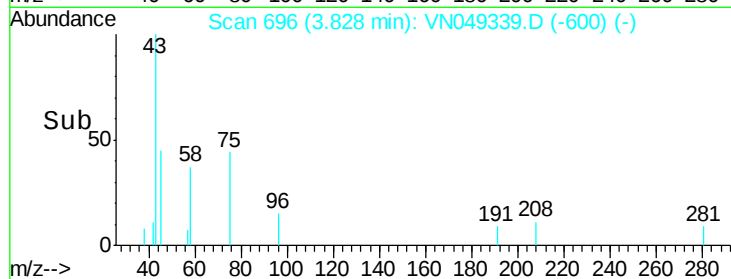
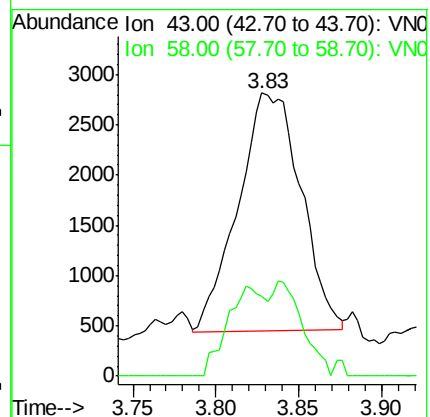
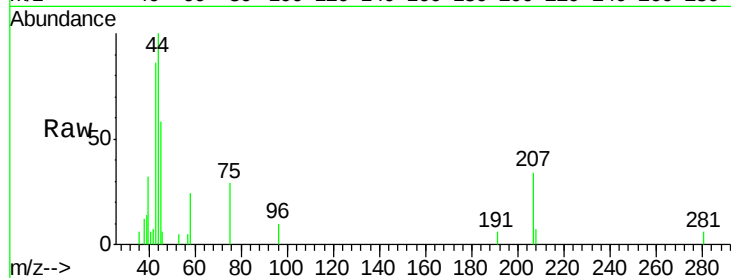
ClientSampled :

Tot Ion: 43 Resp: 6244

Ion Ratio Lower Upper

43 100

58 33.6 22.4 33.6#



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.03 min Scan# 759

Delta R.T. -0.02 min

Lab File: VN049339.D

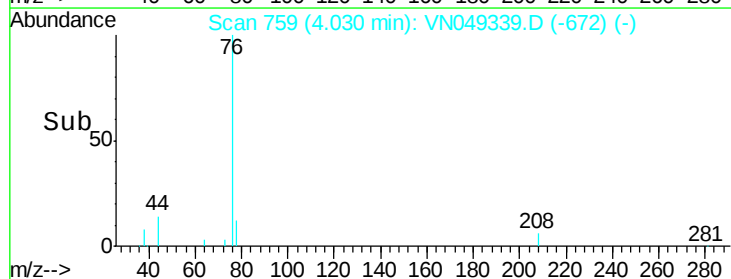
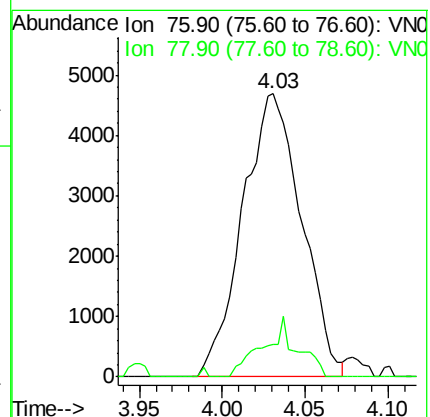
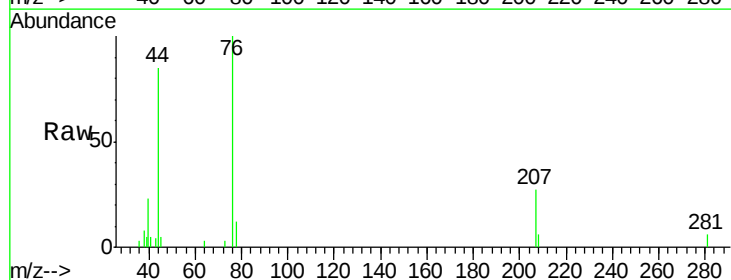
Acq: 18 Jun 2018 13:29

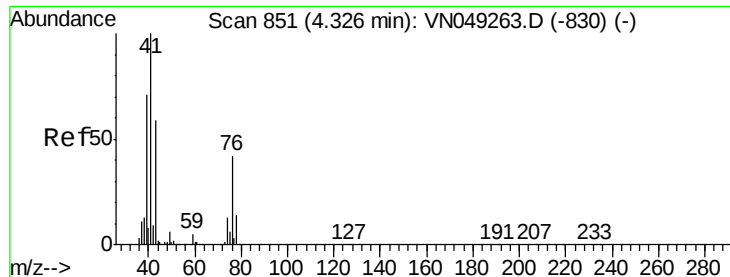
Tgt Ion: 76 Resp: 11654

Ion Ratio Lower Upper

76 100

78 11.7 7.4 11.0#

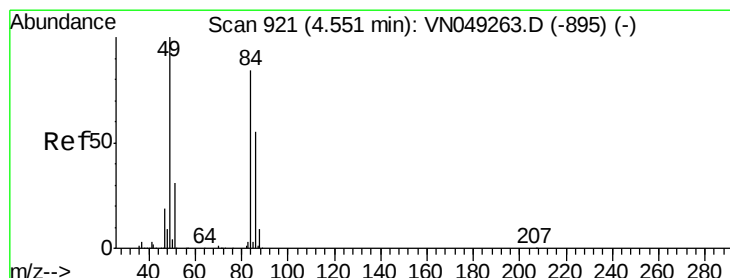
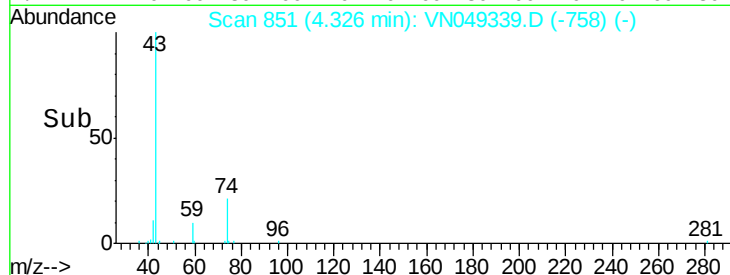
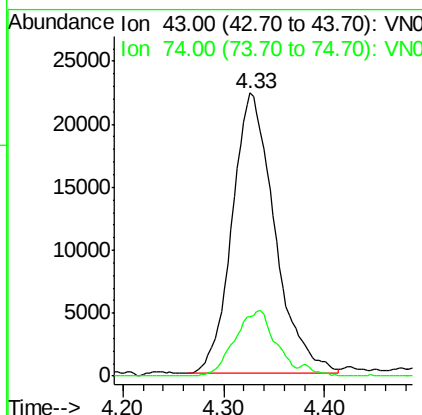
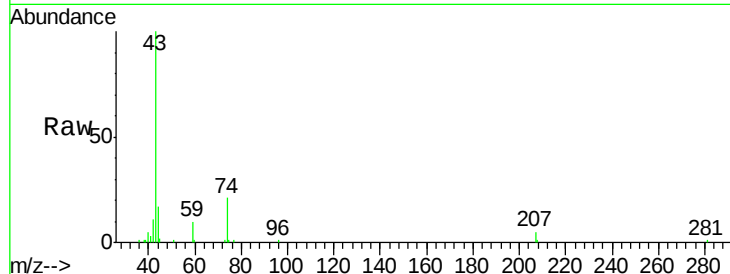




#18
Methvl Acetate
Concen: 5.45 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

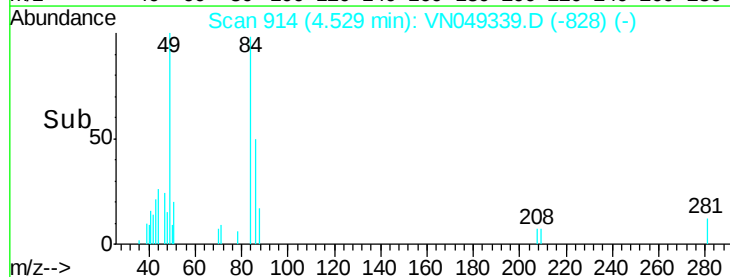
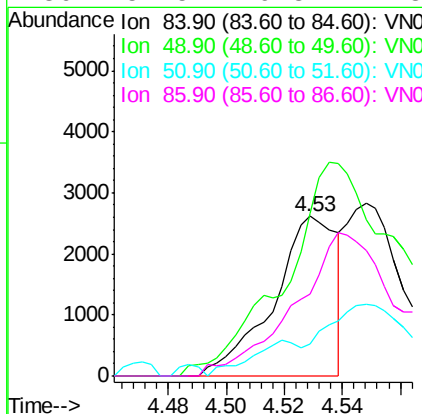
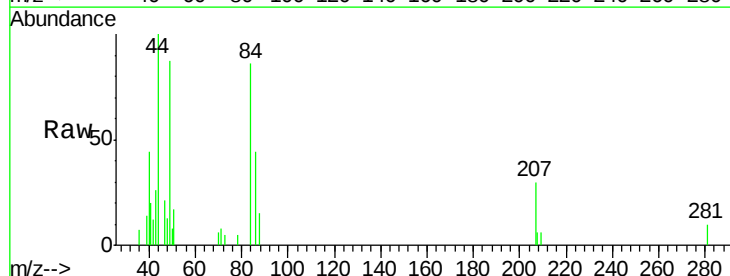
Instrument :
MSVOA_N
ClientSampled :

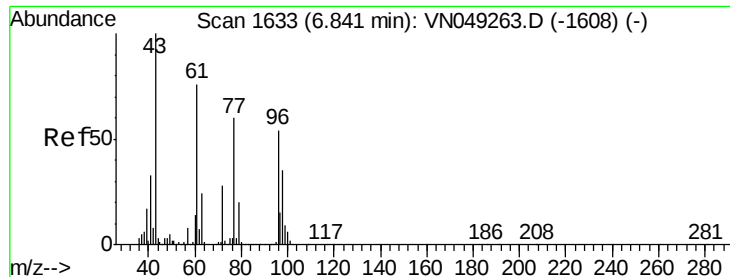
Tot Ion: 43 Resp: 64942
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.0



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 4.53 min Scan# 914
Delta R.T. -0.02 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

Tgt Ion: 84 Resp: 3935
Ion Ratio Lower Upper
84 100
49 95.7 106.9 160.3#
51 12.8 32.7 49.1#
86 51.5 49.8 74.8





#25

2-Butanone

Concen: 0.26 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

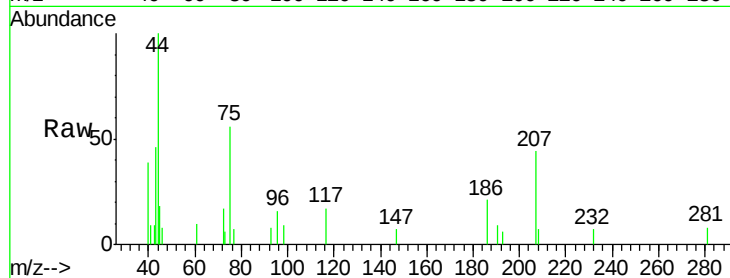
ClientSampleId :

Tot Ion: 43 Resp: 1338

Ion Ratio Lower Upper

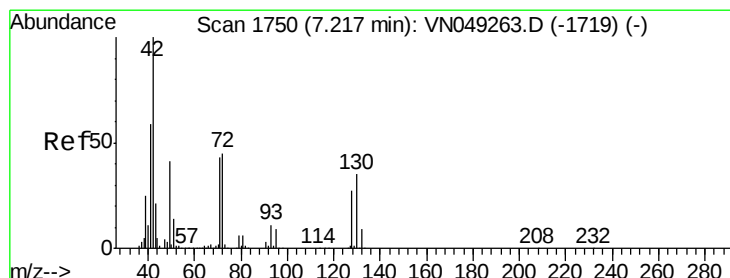
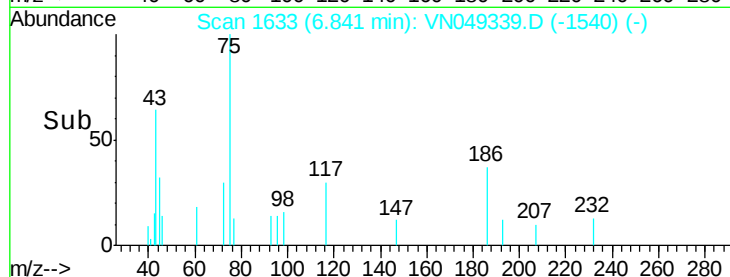
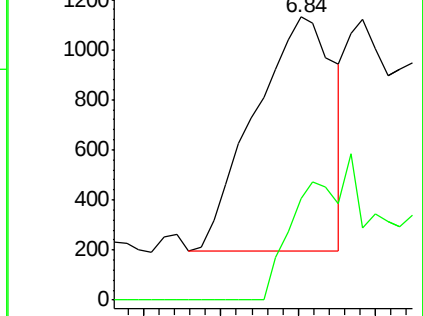
43 100

72 43.5 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 1.17 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

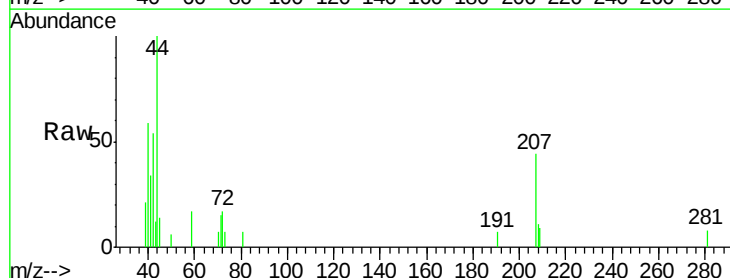
Tgt Ion: 42 Resp: 3954

Ion Ratio Lower Upper

42 100

72 25.7 32.2 48.4#

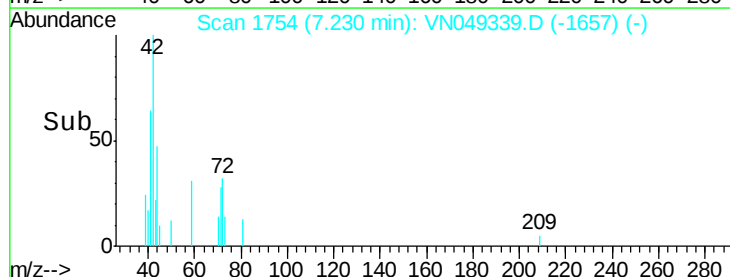
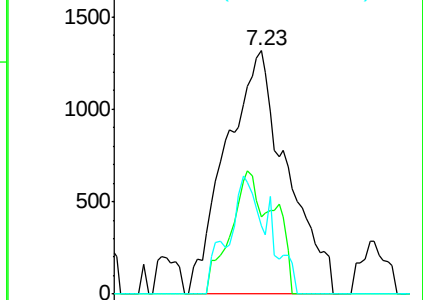
71 29.5 30.5 45.7#

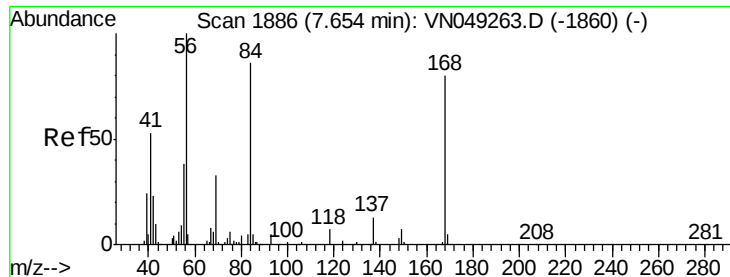


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

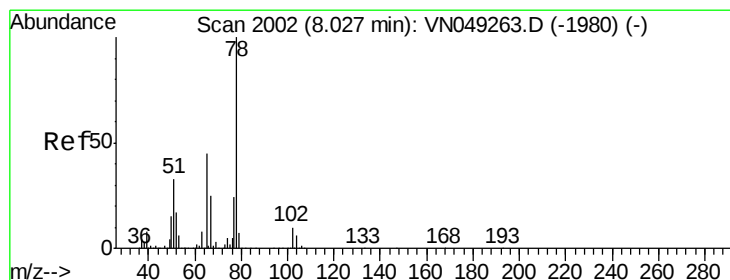
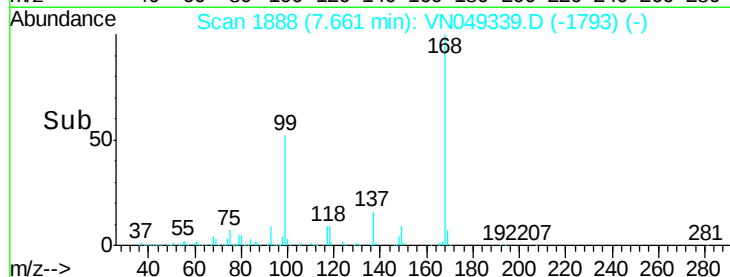
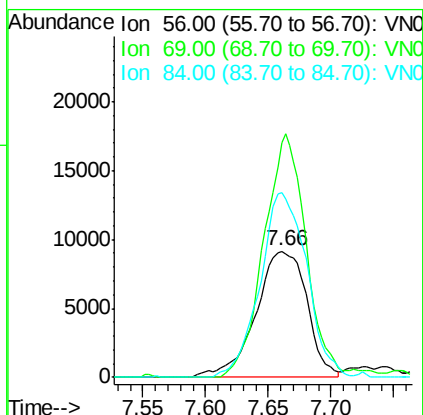
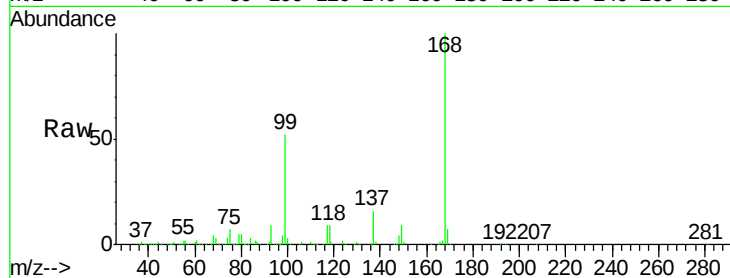




#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.01 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

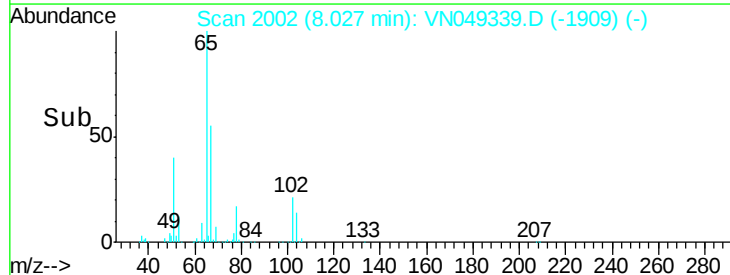
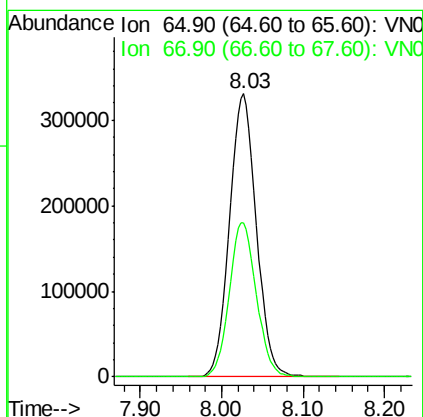
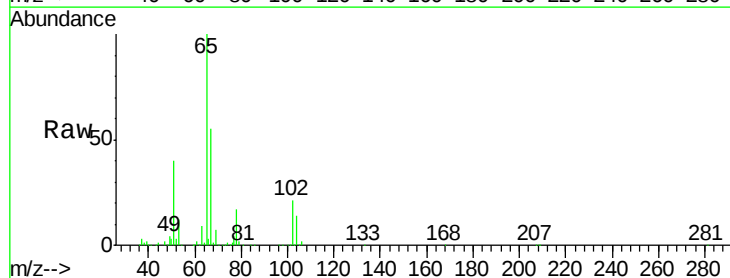
Instrument :
MSVOA_N
ClientSampled :

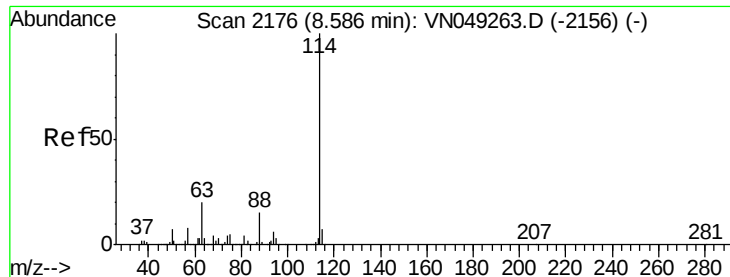
Tot Ion: 56 Resp: 25934
Ion Ratio Lower Upper
56 100
69 185.8 25.0 37.4#
84 146.1 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 47.39 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

Tgt Ion: 65 Resp: 762468
Ion Ratio Lower Upper
65 100
67 54.8 0.0 103.8

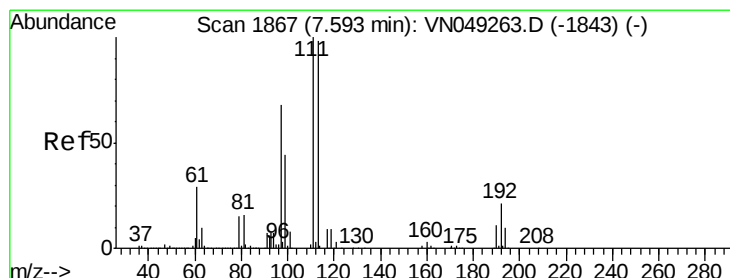
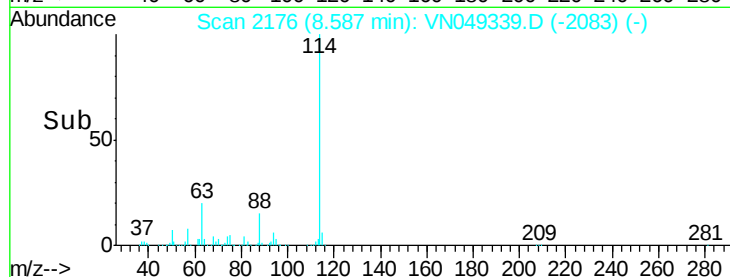
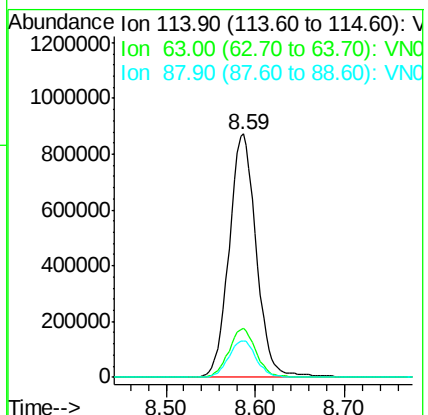
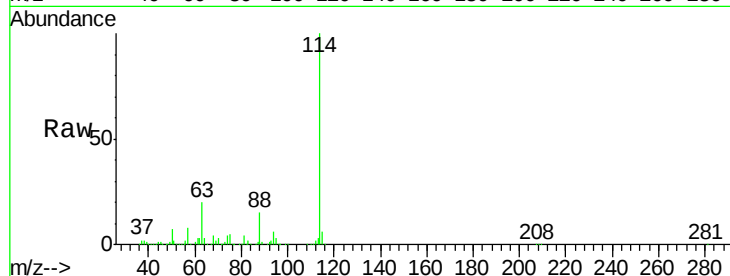




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

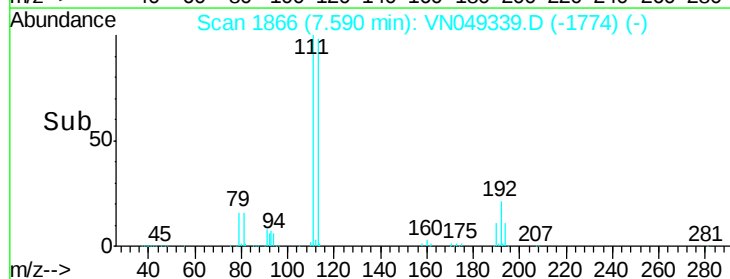
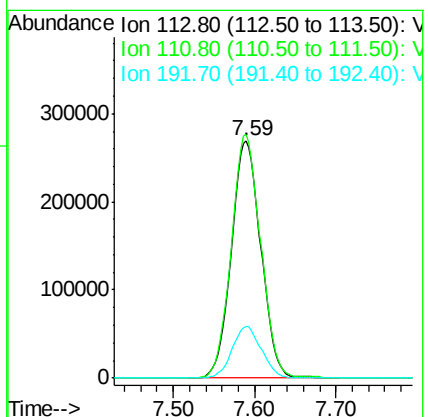
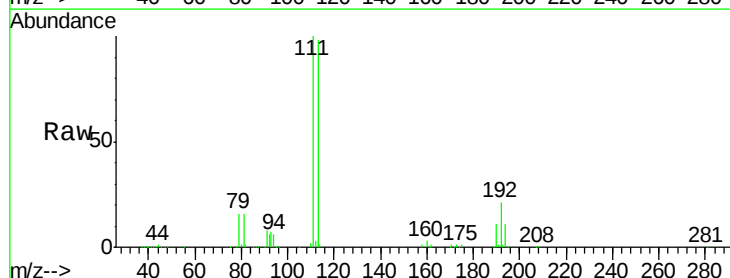
Instrument :
MSVOA_N
ClientSampleId :

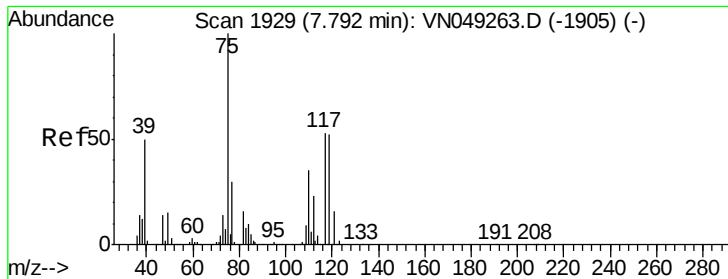
Tot Ion:114 Resp: 1839832
Ion Ratio Lower Upper
114 100
63 20.1 0.0 44.4
88 15.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 45.52 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

Tgt Ion:113 Resp: 677635
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 21.7 15.0 22.6

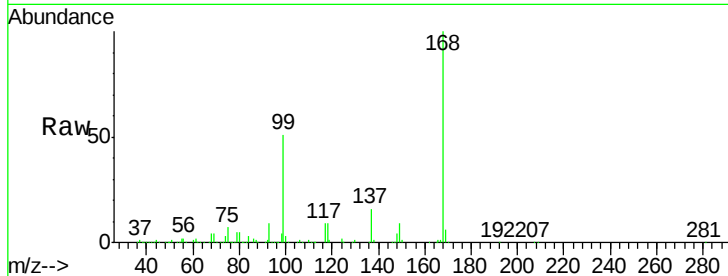




#36
 1,1-Dichloropropene
 Concen: 4.00 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Instrument :
 MSVOA_N
 ClientSampleId :

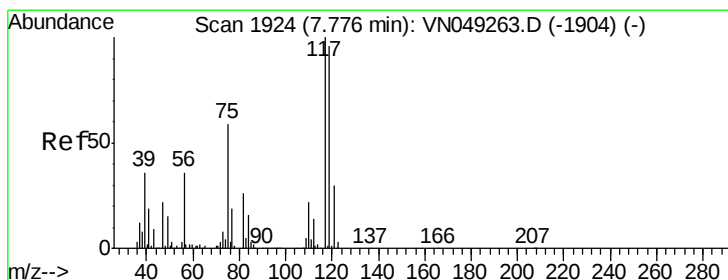
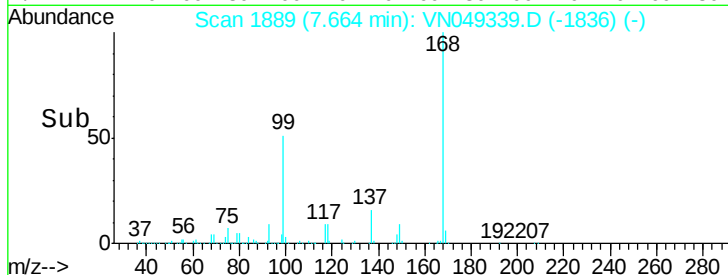
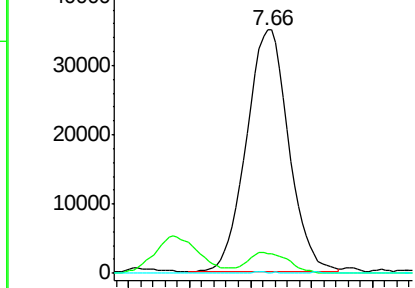
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.0	50.9#
77	0.0	24.4	36.6#



Abundance Ion 74.90 (74.60 to 75.60): VN049339.D (-1836) (-)

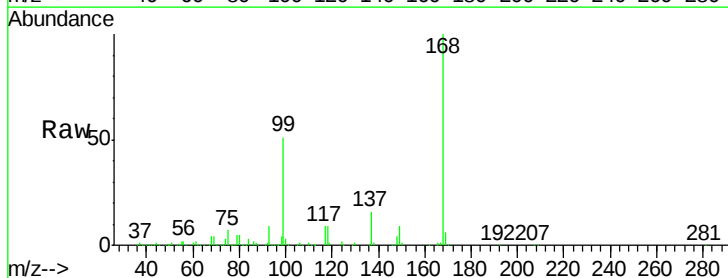
Ion 109.90 (109.60 to 110.60): VN049339.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049339.D (-1836) (-)



#38
 Carbon Tetrachloride
 Concen: 5.09 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.11 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

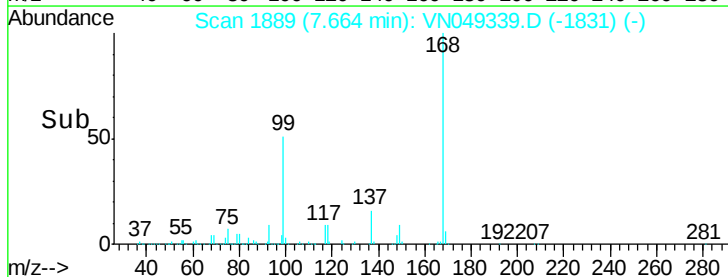
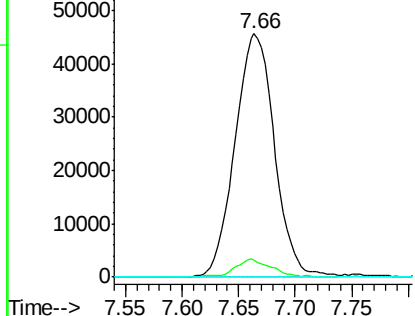
Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.1	75.6	113.4#
121	0.0	24.7	37.1#

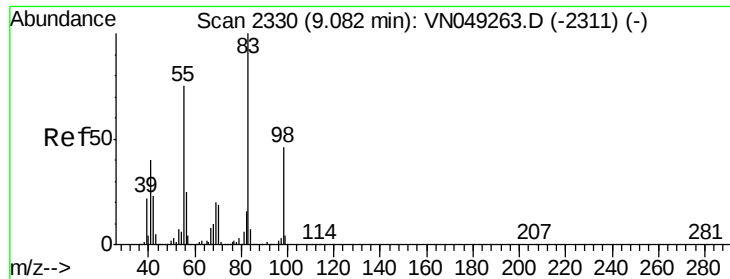


Abundance Ion 116.80 (116.50 to 117.50): VN049339.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049339.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049339.D (-1831) (-)

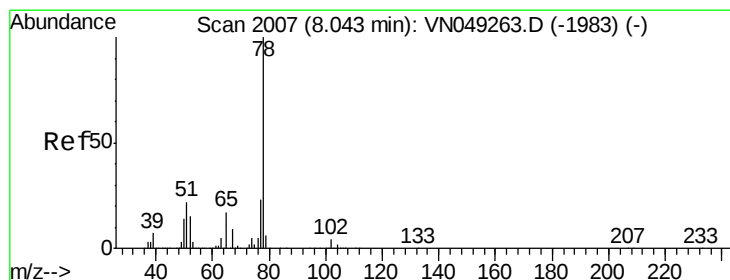
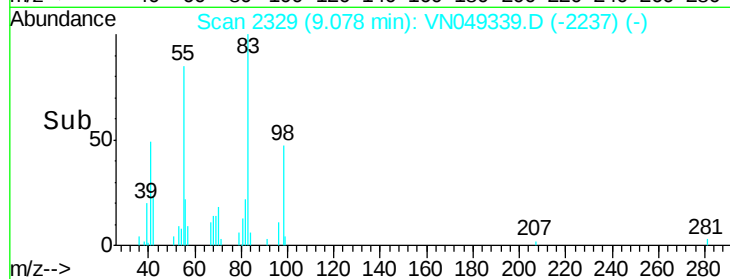
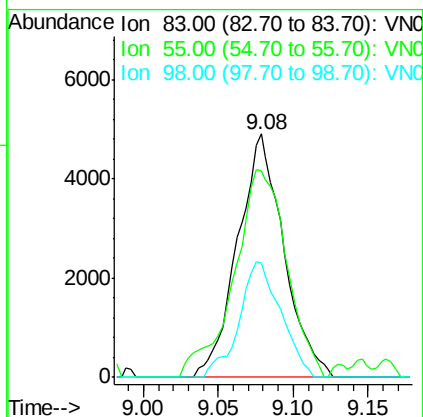
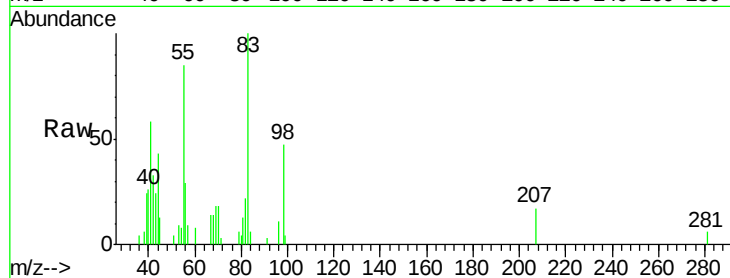




#39
Methvlcvclohexane
Concen: 0.47 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

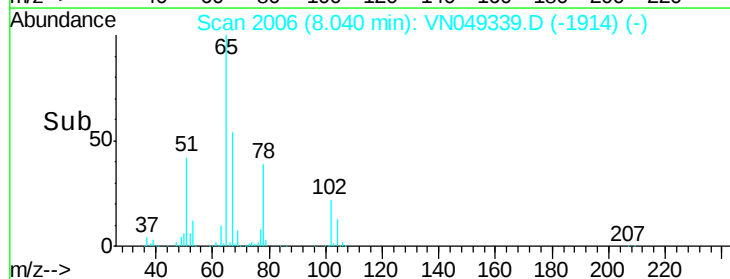
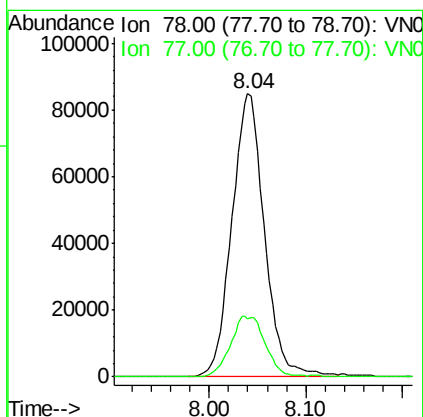
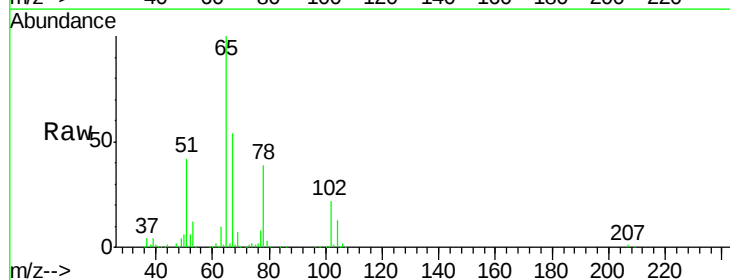
Instrument :
MSVOA_N
ClientSampleId :

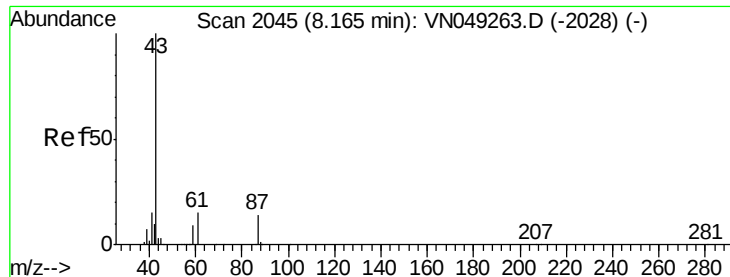
Tot Ion: 83 Resp: 10528
Ion Ratio Lower Upper
83 100
55 79.6 65.1 97.7
98 46.9 36.5 54.7



#40
Benzene
Concen: 3.07 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

Tgt Ion: 78 Resp: 198595
Ion Ratio Lower Upper
78 100
77 20.7 19.4 29.0





#43

Isopropyl Acetate

Concen: 0.77 ug/l

RT: 8.17 min Scan# 2048

Delta R.T. 0.01 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampled :

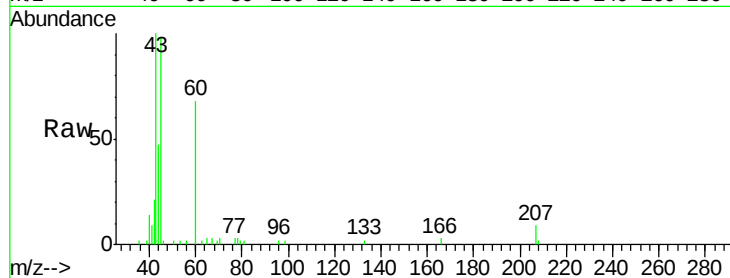
Tot Ion: 43 Resp: 16808

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#

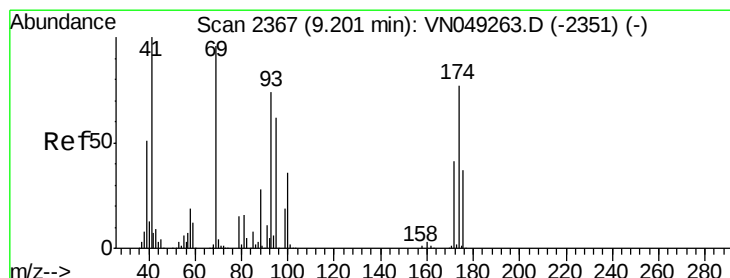
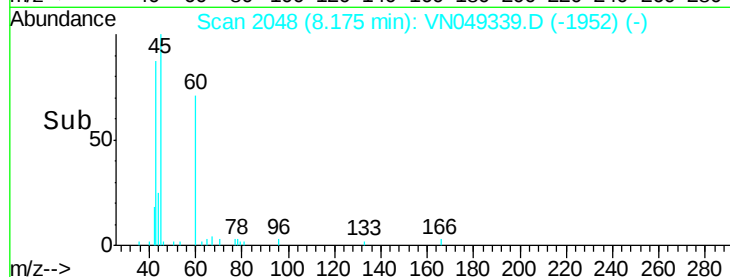
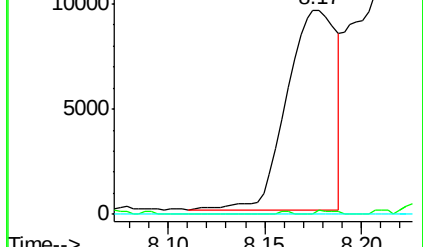


Abundance Ion 43.00 (42.70 to 43.70): VN049339.D (-2048) (-)

Ion 61.00 (60.70 to 61.70): VN049339.D (-2048) (-)

Ion 87.00 (86.70 to 87.70): VN049339.D (-2048) (-)

Time-->



#49

1,4-Dioxane

Concen: 3.06 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.01 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

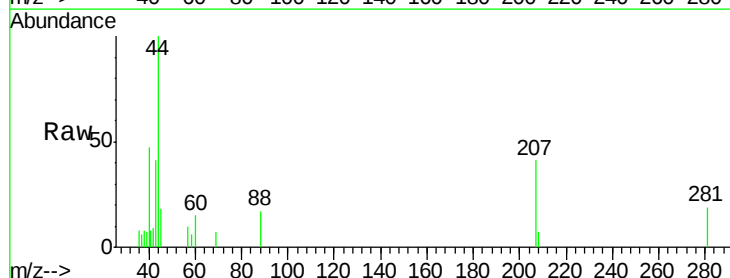
Tgt Ion: 88 Resp: 435

Ion Ratio Lower Upper

88 100

43 321.8 30.9 46.3#

58 21.6 58.9 88.3#

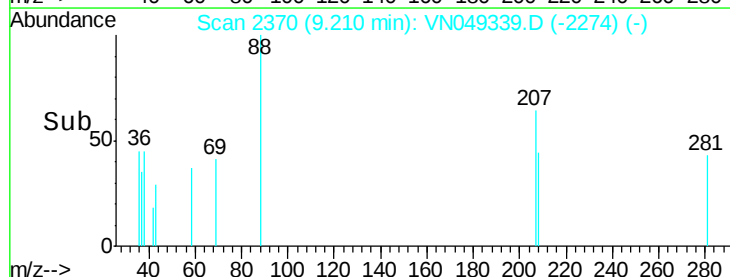
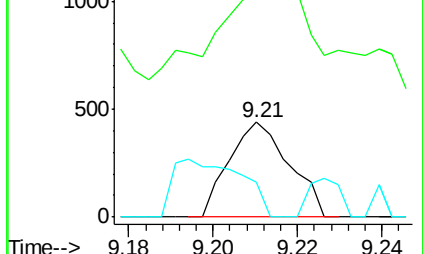


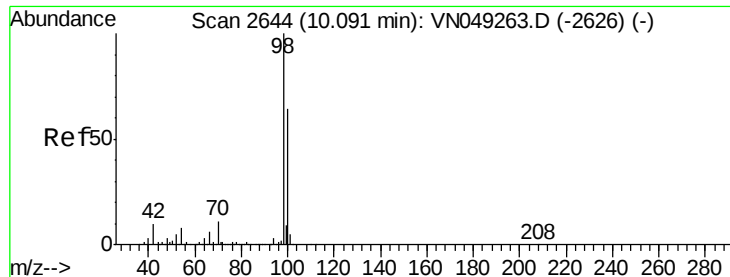
Abundance Ion 88.00 (87.70 to 88.70): VN049339.D (-2367) (-)

Ion 43.00 (42.70 to 43.70): VN049339.D (-2367) (-)

Ion 58.00 (57.70 to 58.70): VN049339.D (-2367) (-)

Time-->





#50

Toluene-d8

Concen: 45.14 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

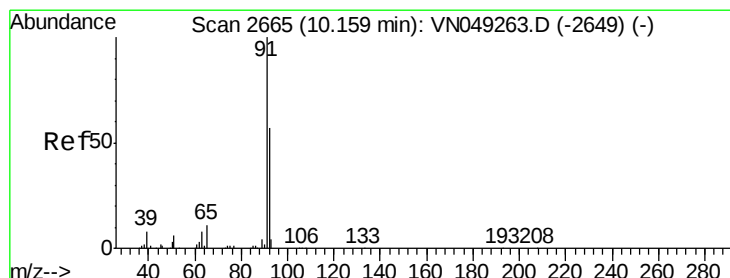
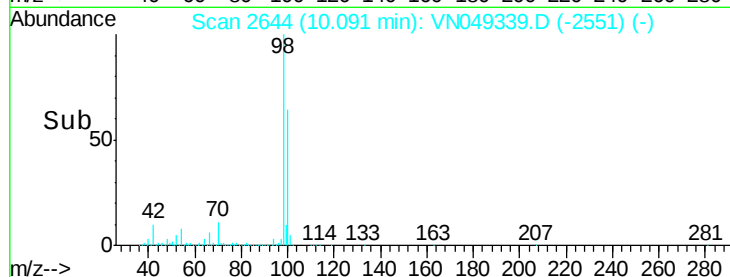
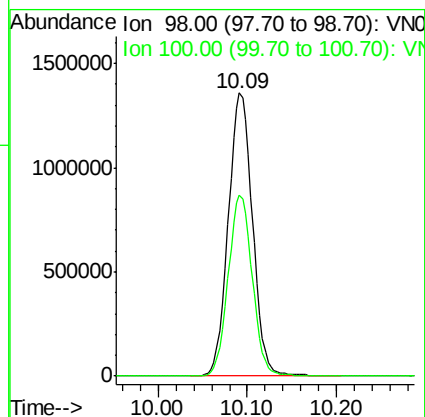
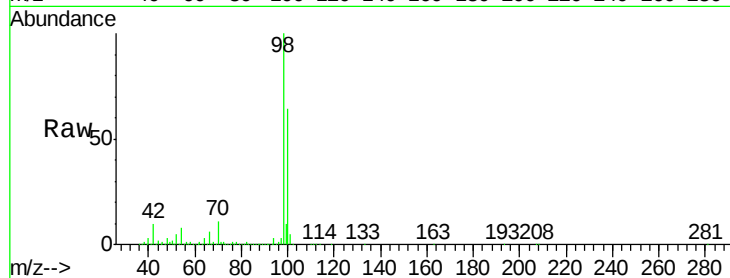
ClientSampled :

Tot Ion: 98 Resp: 2558532

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.8



#52

Toluene

Concen: 1.64 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049339.D

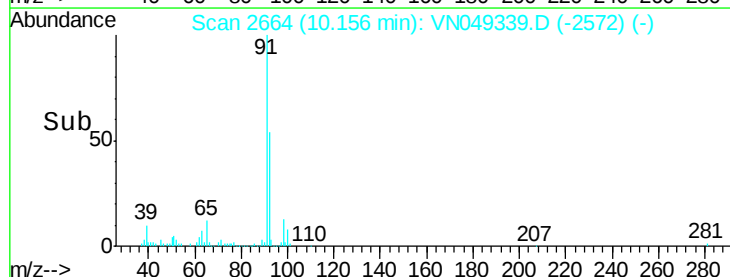
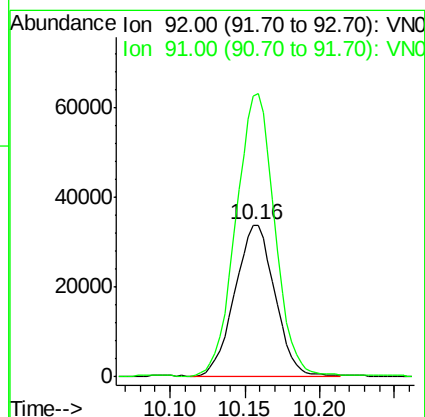
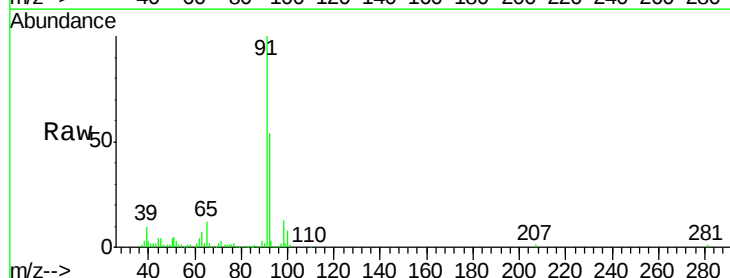
Acq: 18 Jun 2018 13:29

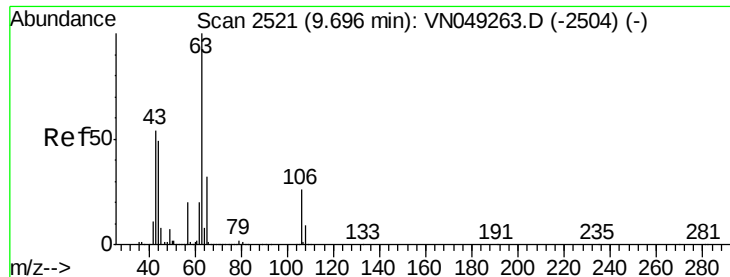
Tgt Ion: 92 Resp: 62117

Ion Ratio Lower Upper

92 100

91 184.7 143.4 215.2





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.60 min Scan# 2491

Delta R.T. -0.10 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

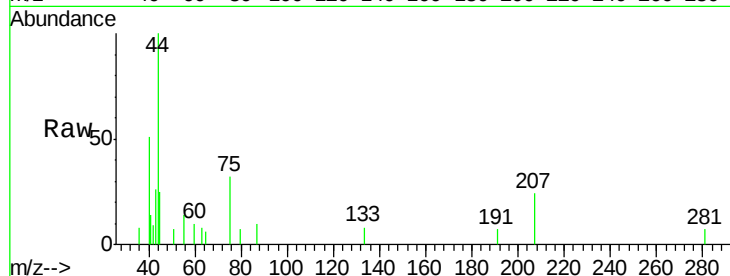
ClientSampleId :

Tot Ion: 63 Resp: 71

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.60

200

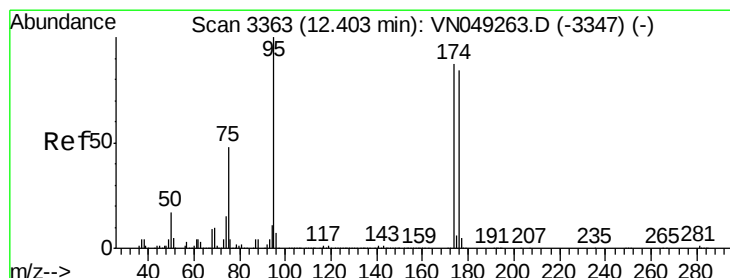
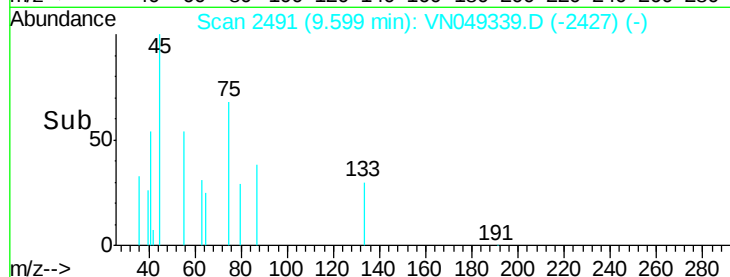
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.85 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

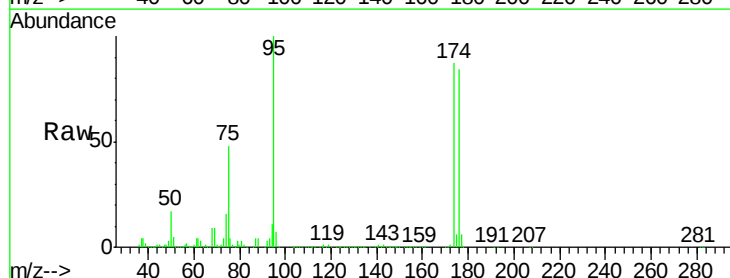
Tgt Ion: 95 Resp: 821724

Ion Ratio Lower Upper

95 100

174 87.6 0.0 165.6

176 84.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

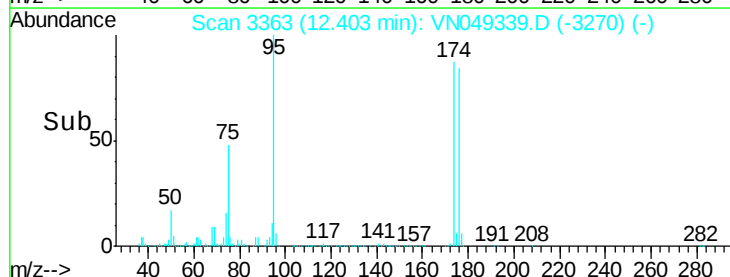
600000

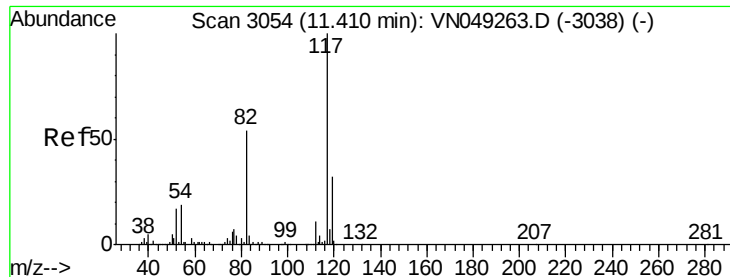
400000

200000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampled :

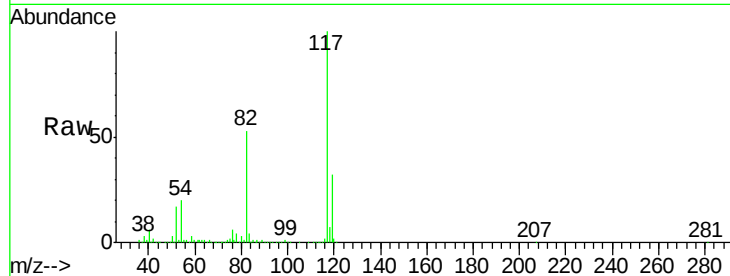
Tot Ion:117 Resp: 1600120

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

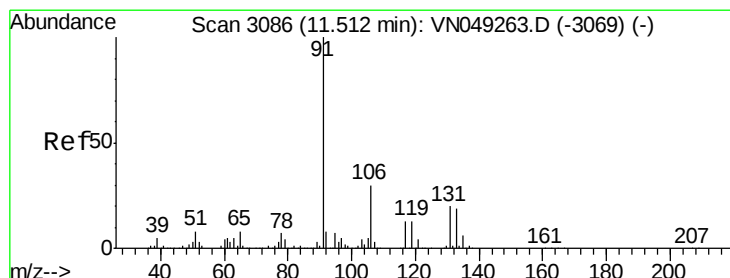
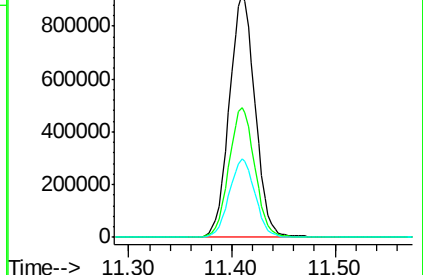
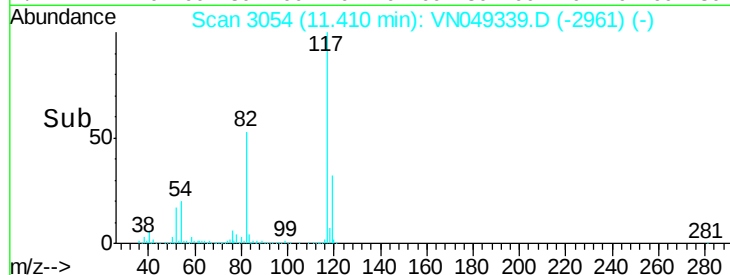
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 4.22 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049339.D

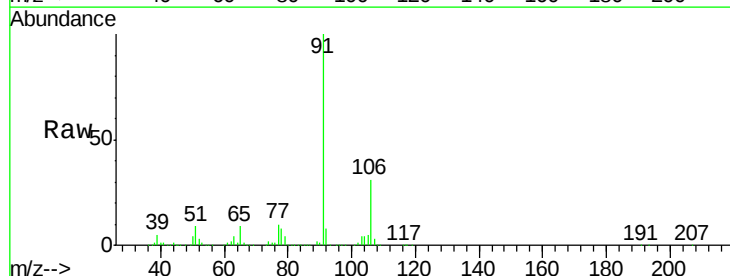
Acq: 18 Jun 2018 13:29

Tgt Ion: 91 Resp: 288343

Ion Ratio Lower Upper

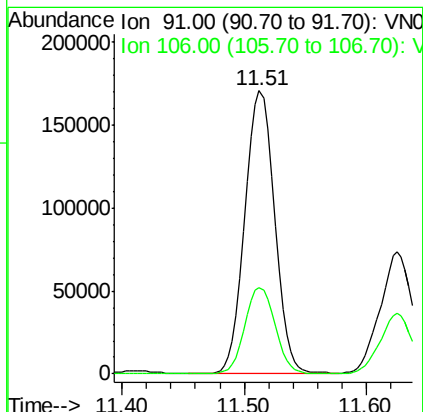
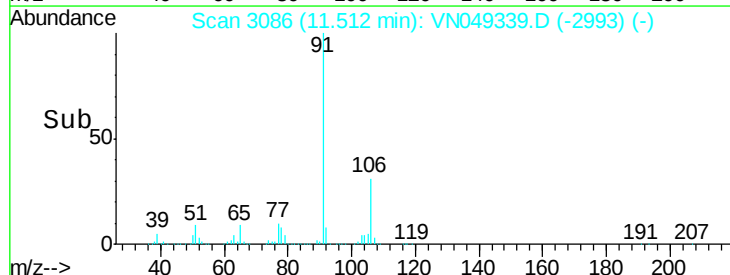
91 100

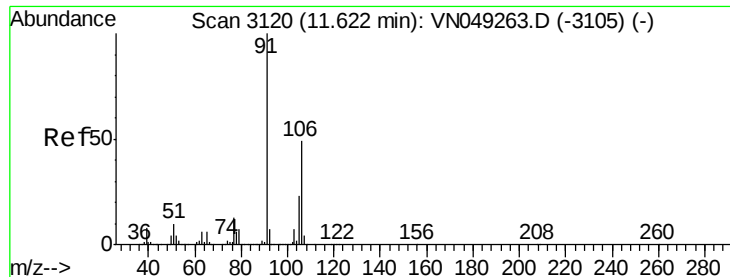
106 30.7 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.60 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

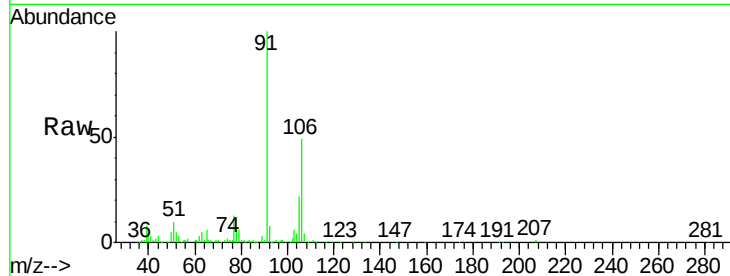
ClientSampleId :

Tot Ion:106 Resp: 66592

Ion Ratio Lower Upper

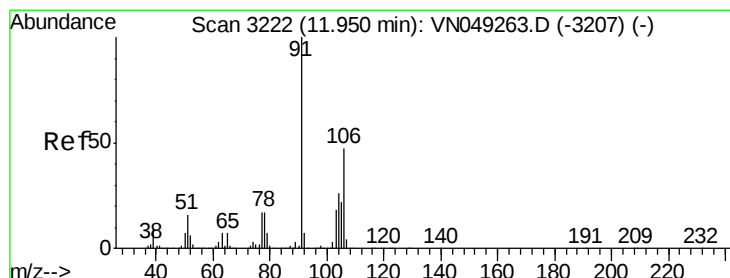
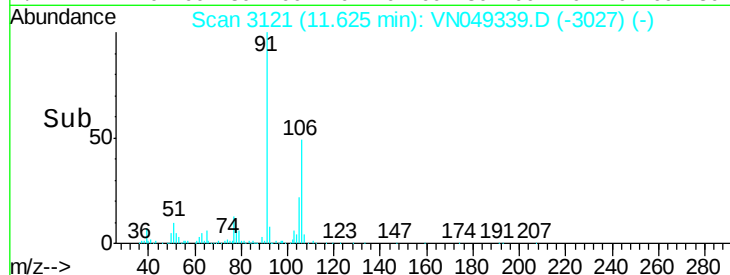
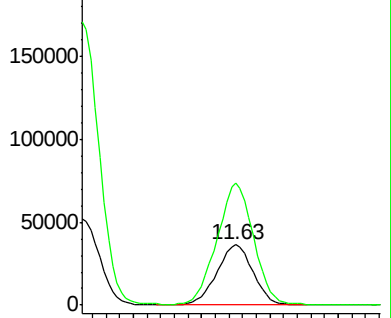
106 100

91 204.5 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 3.45 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049339.D

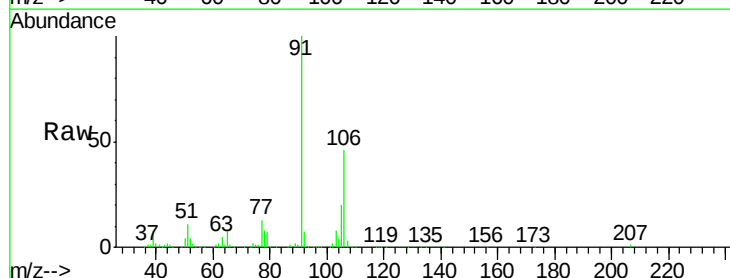
Acq: 18 Jun 2018 13:29

Tgt Ion:106 Resp: 85373

Ion Ratio Lower Upper

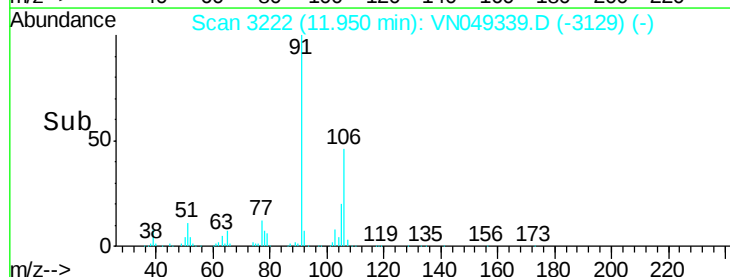
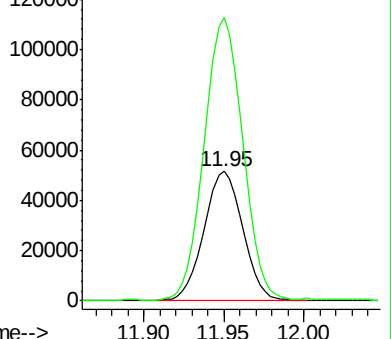
106 100

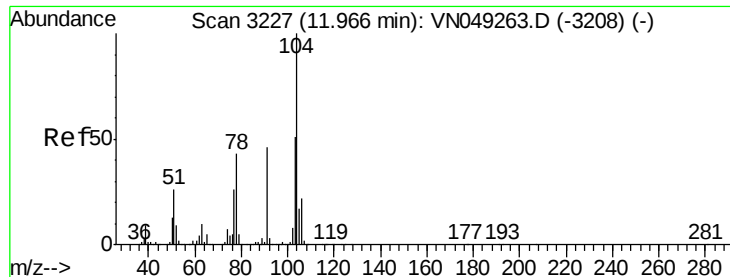
91 215.9 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#70

Stvrene

Concen: 0.25 ug/l

RT: 11.95 min Scan# 3223

Delta R.T. -0.01 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

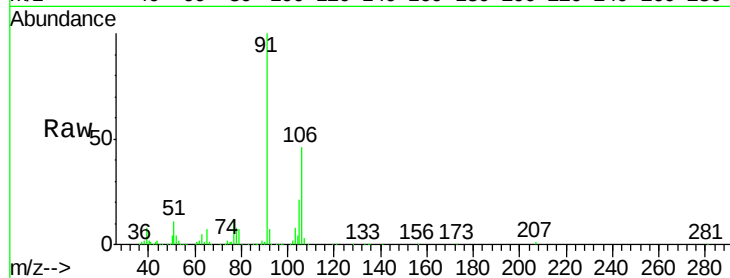
Tot Ion:104 Resp: 9923

Ion Ratio Lower Upper

104 100

78 144.9 41.6 62.4#

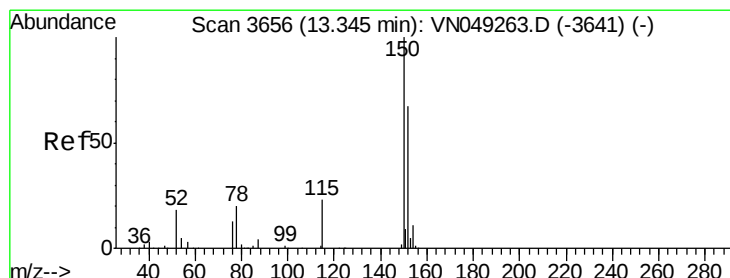
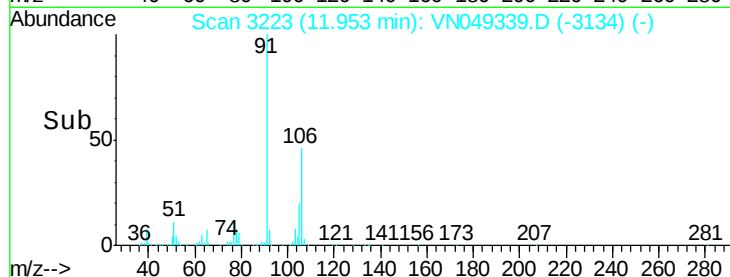
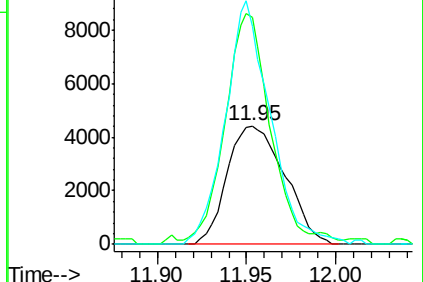
103 160.8 45.4 68.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

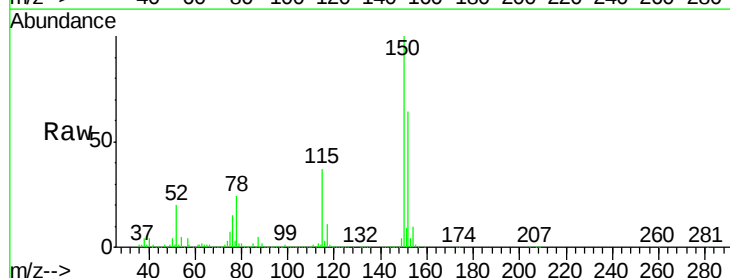
Tgt Ion:152 Resp: 744986

Ion Ratio Lower Upper

152 100

115 58.1 28.7 86.1

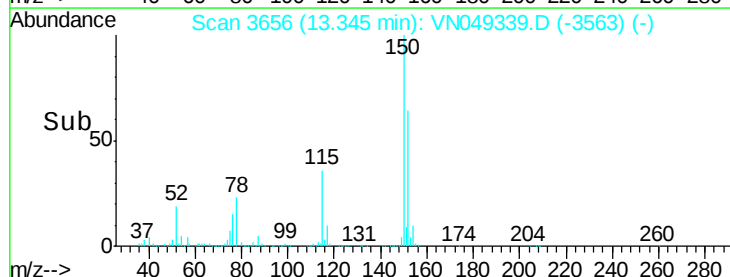
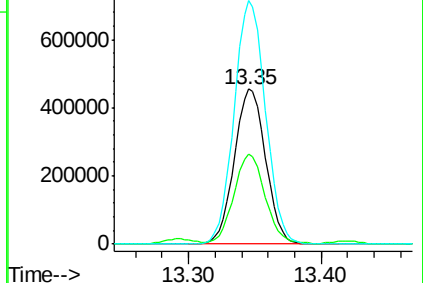
150 157.2 0.0 351.0

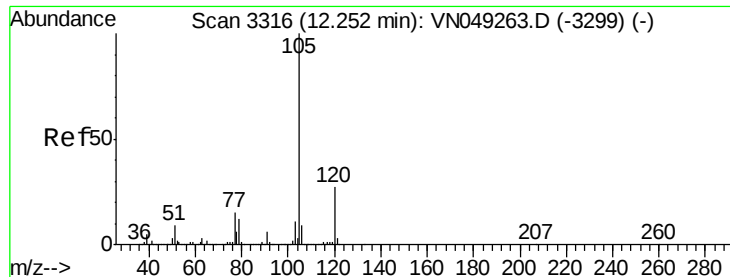


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.03 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

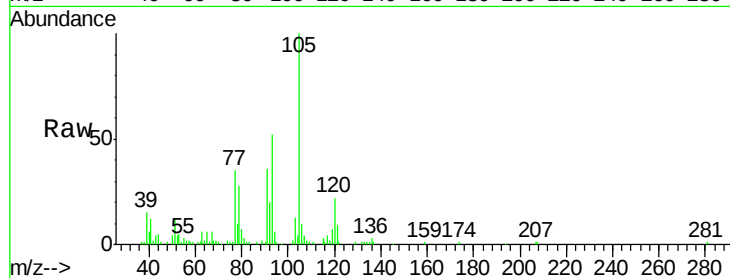
ClientSampled :

Tot Ion:105 Resp: 67350

Ion Ratio Lower Upper

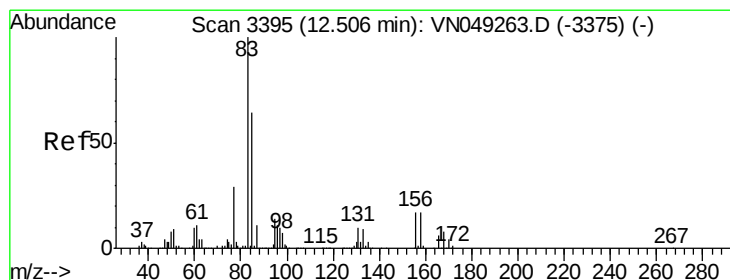
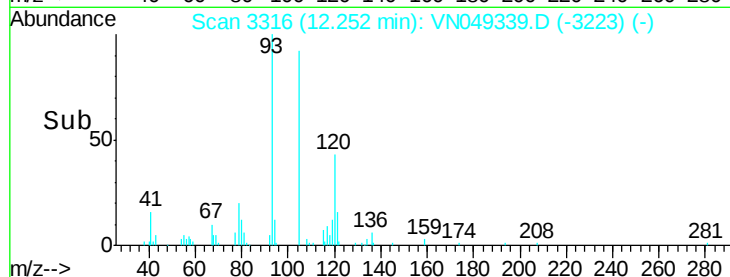
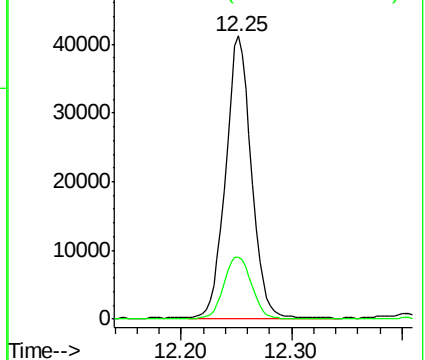
105 100

120 23.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

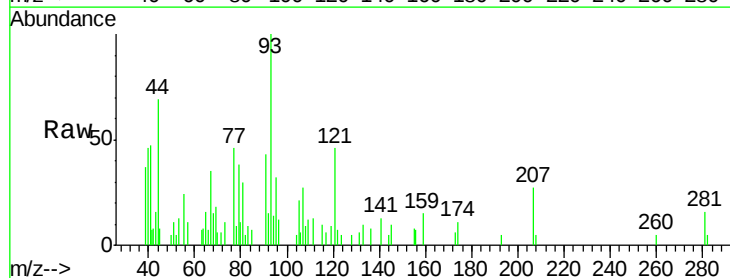
Tgt Ion: 83 Resp: 299

Ion Ratio Lower Upper

83 100

131 122.4 5.0 15.0#

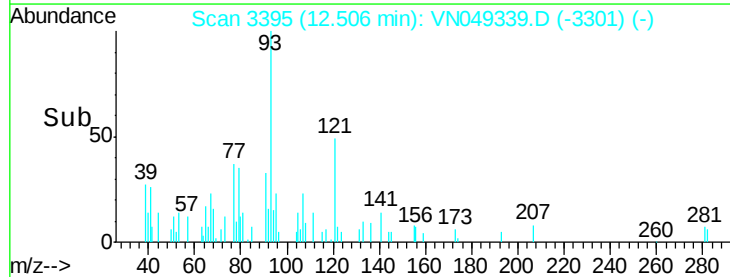
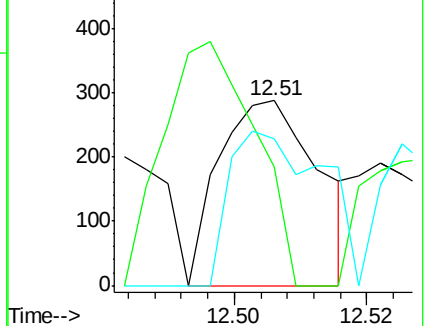
85 78.3 32.0 96.0

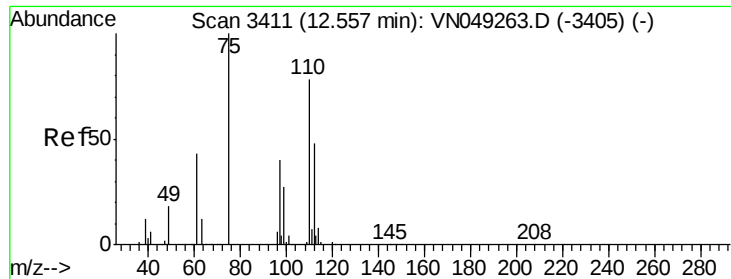


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 31.37 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

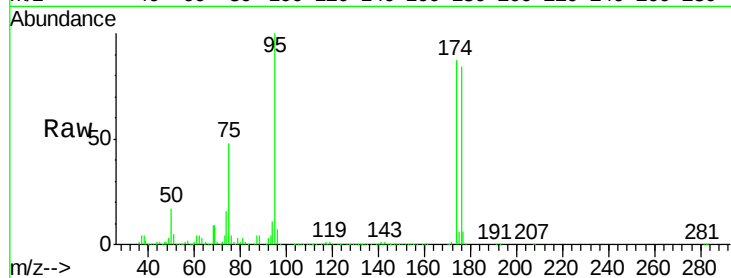
ClientSampled :

Tot Ion: 75 Resp: 398733

Ion Ratio Lower Upper

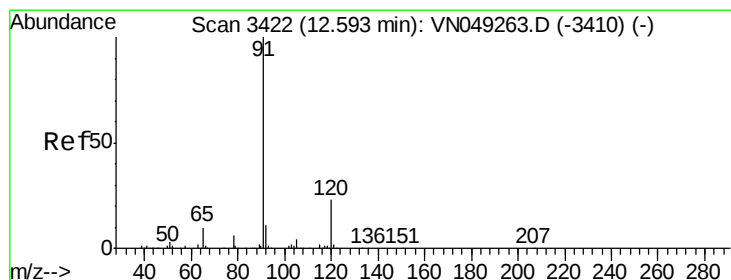
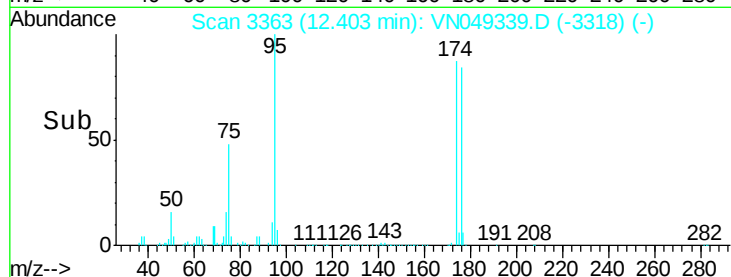
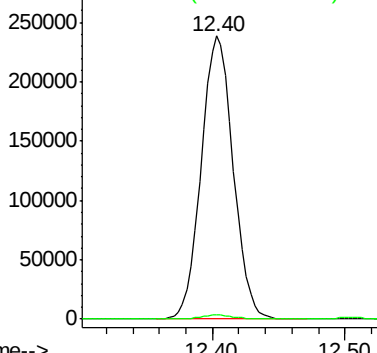
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.26 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049339.D

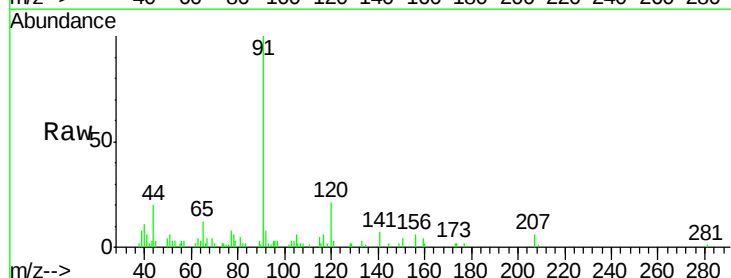
Acq: 18 Jun 2018 13:29

Tgt Ion: 91 Resp: 18808

Ion Ratio Lower Upper

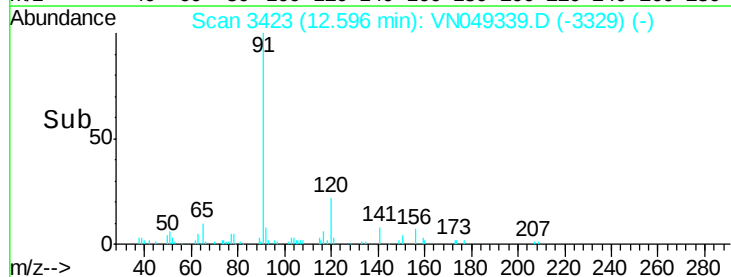
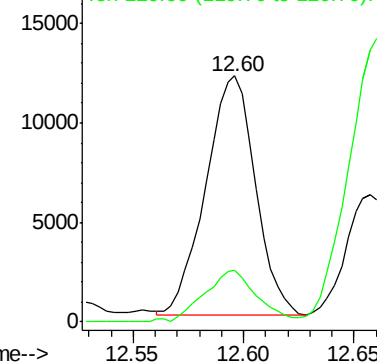
91 100

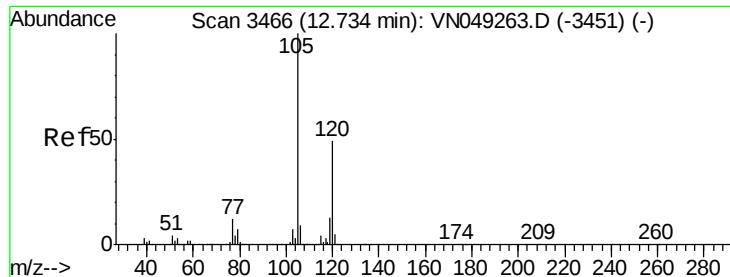
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.09 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

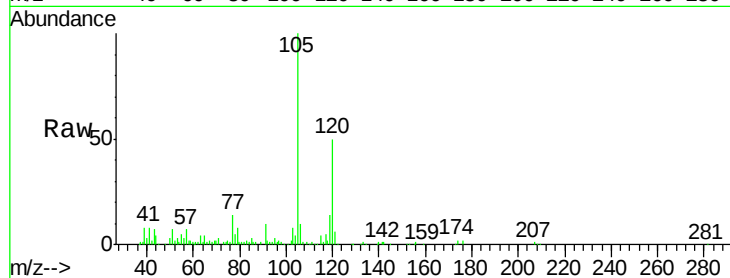
ClientSampled :

Tot Ion:105 Resp: 107489

Ion Ratio Lower Upper

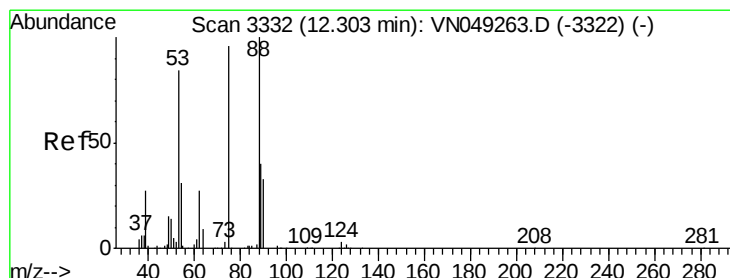
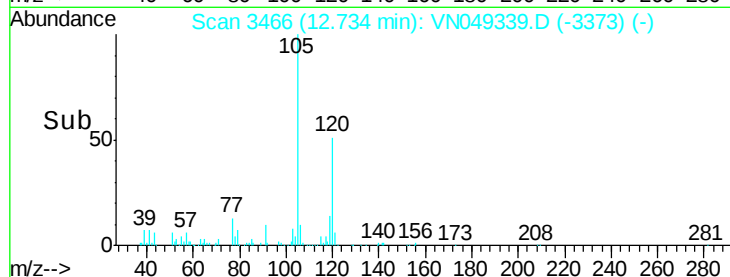
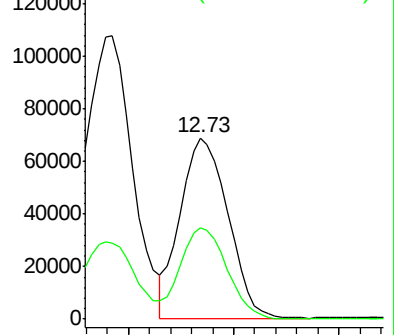
105 100

120 49.7 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: 99.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

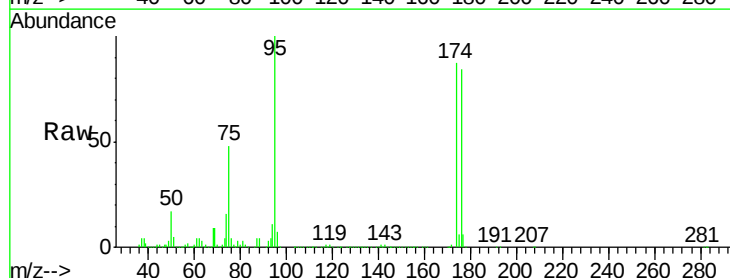
Tgt Ion: 75 Resp: 398733

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

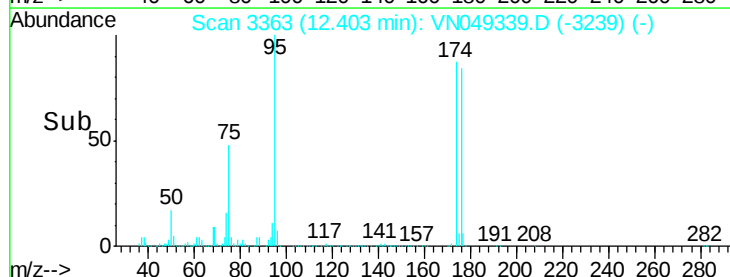
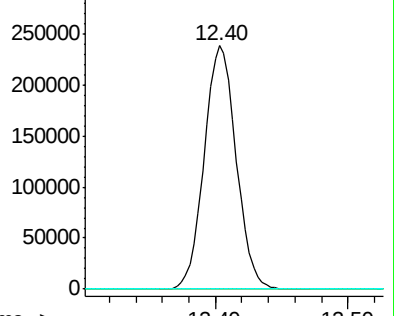
89 0.0 36.5 54.7#

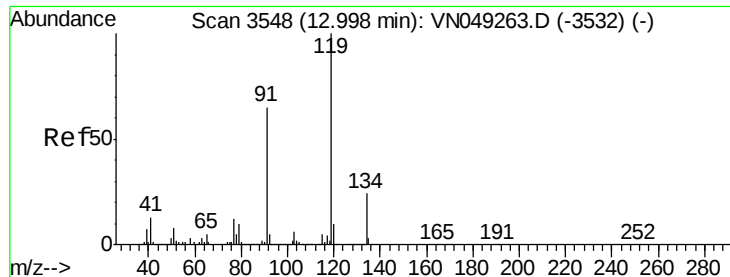


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.78 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

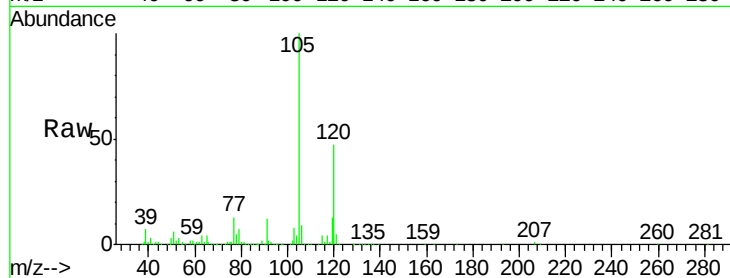
Tot Ion:119 Resp: 35407

Ion Ratio Lower Upper

119 100

91 97.9 33.7 101.0

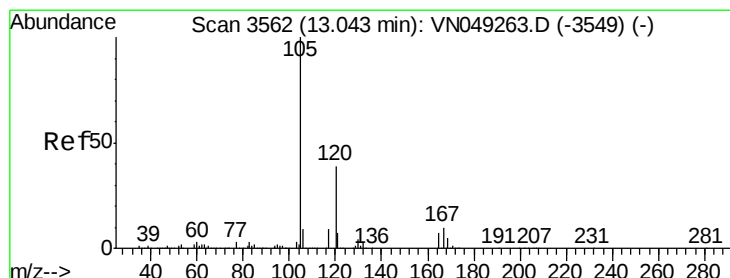
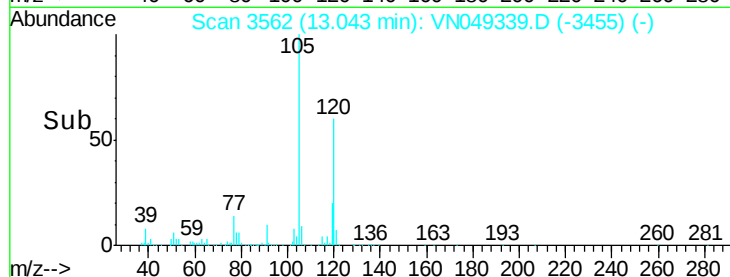
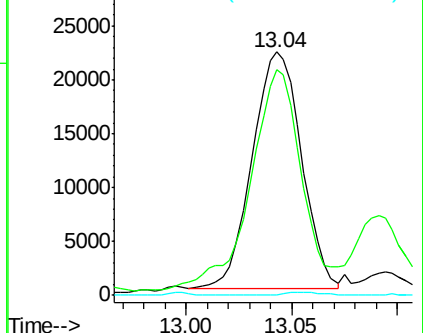
134 0.0 12.9 38.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.67 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049339.D

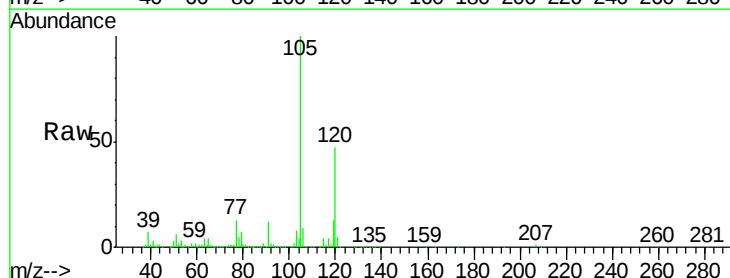
Acq: 18 Jun 2018 13:29

Tgt Ion:105 Resp: 289397

Ion Ratio Lower Upper

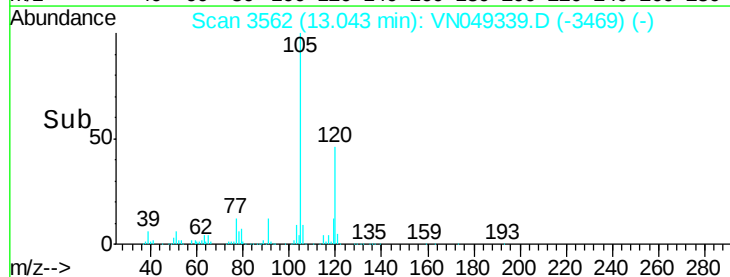
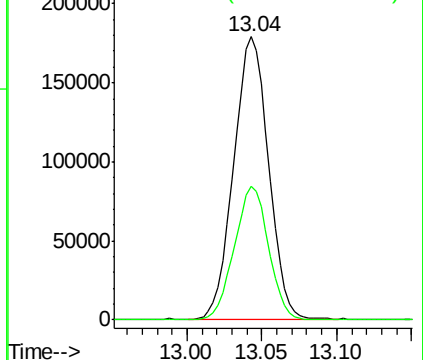
105 100

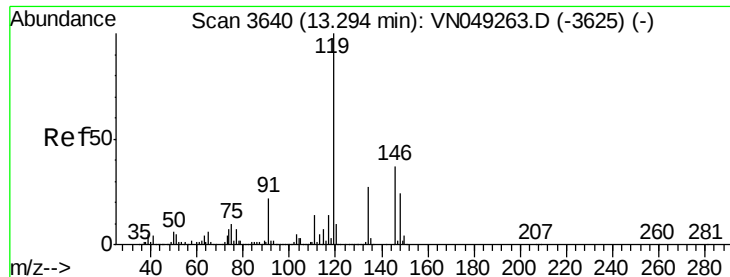
120 46.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

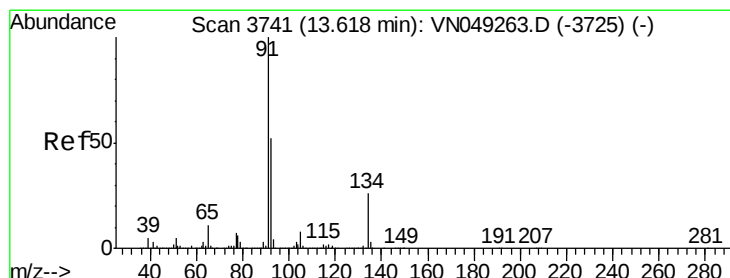
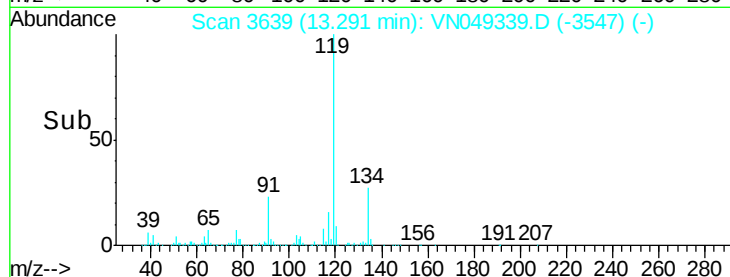
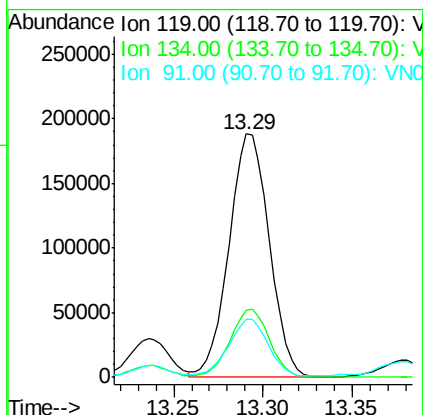
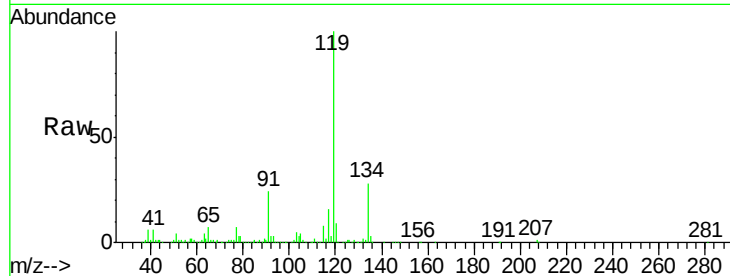




#86
 p-Isopropyltoluene
 Concen: 5.81 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

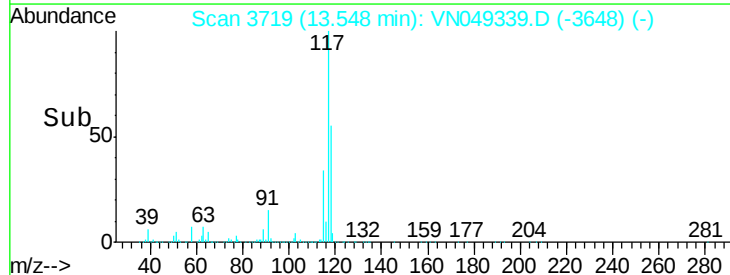
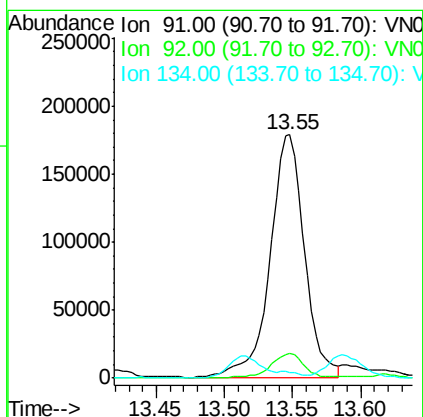
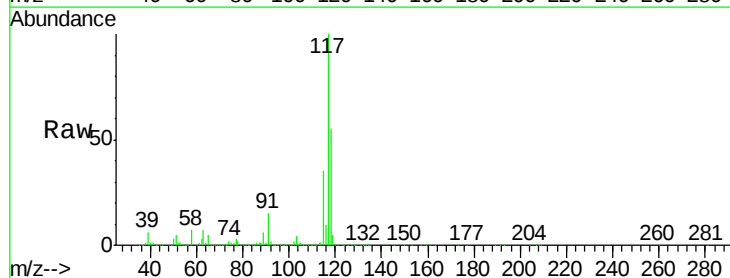
Instrument :
 MSVOA_N
 ClientSampleId :

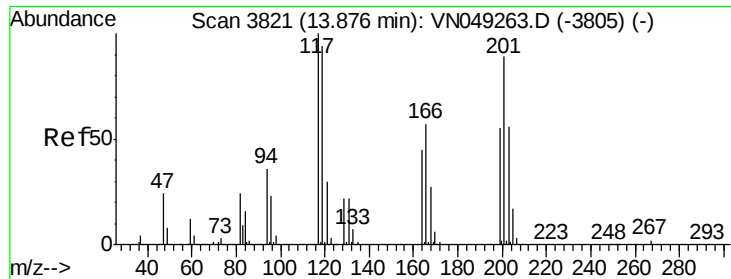
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.9	38.6
91	23.3	12.1	36.3



#89
 n-Butylbenzene
 Concen: 7.87 ug/l
 RT: 13.55 min Scan# 3719
 Delta R.T. -0.07 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	9.7	25.1	75.4#
134	0.0	12.0	36.0#





#90

Hexachloroethane

Concen: 0.69 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

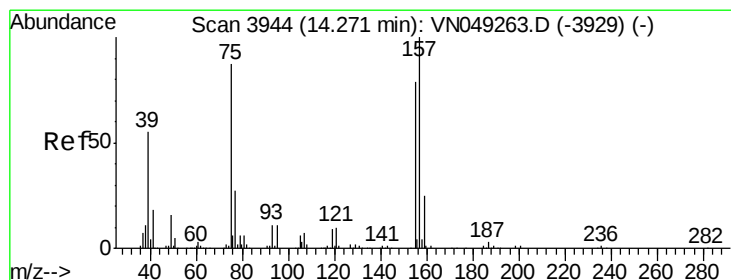
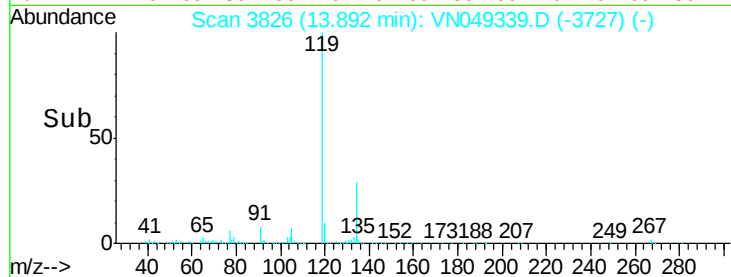
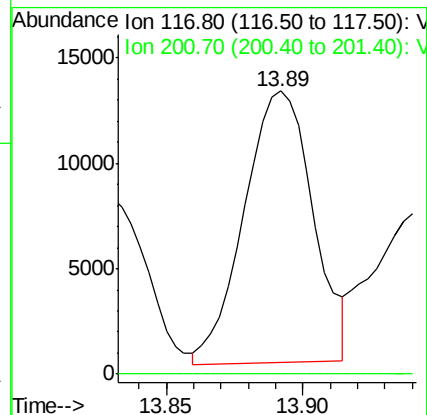
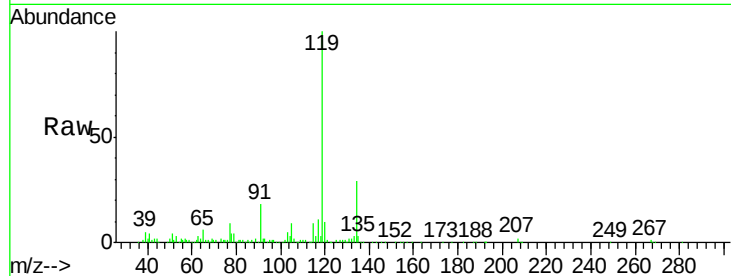
ClientSampled :

Tot Ion:117 Resp: 22699

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.58 ug/l

RT: 14.26 min Scan# 3939

Delta R.T. -0.02 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

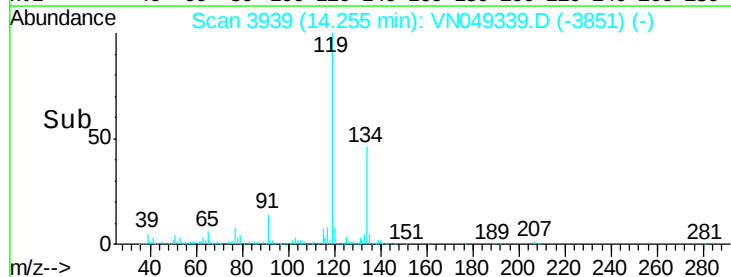
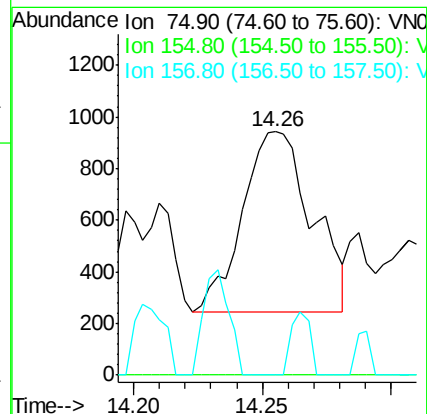
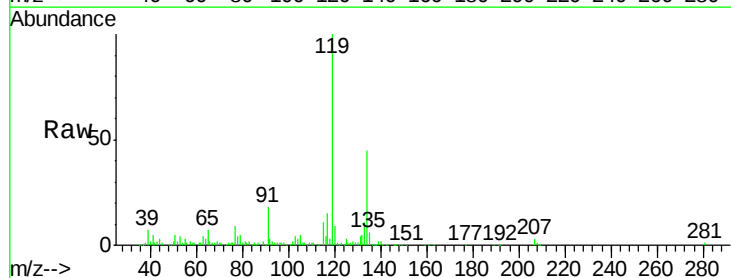
Tgt Ion: 75 Resp: 1312

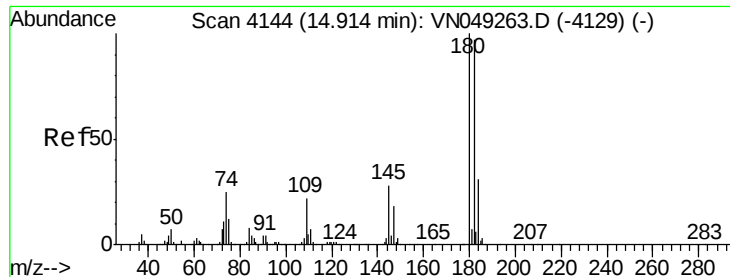
Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 9.6 51.0 153.1#

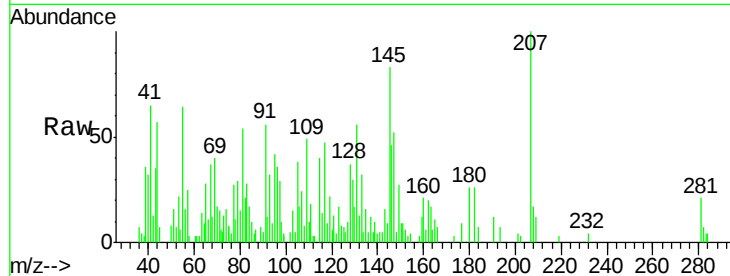




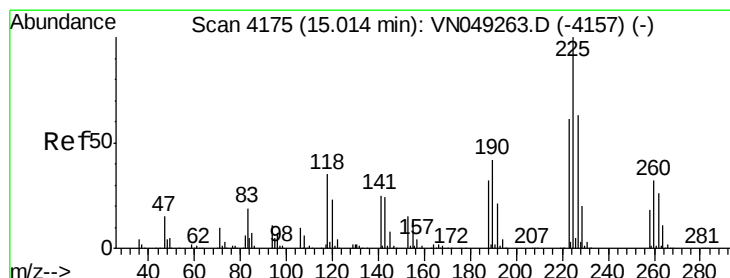
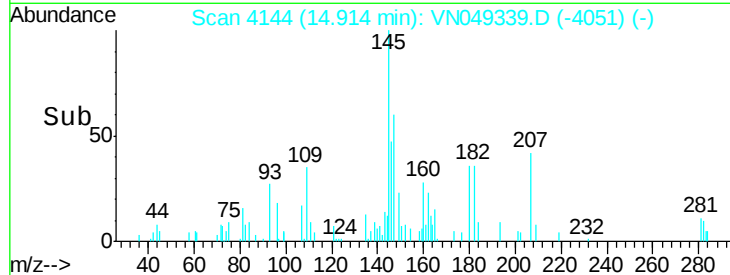
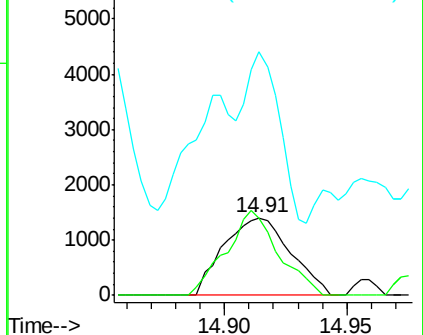
#93
 1,2,4-Trichlorobenzene
 Concen: 4.93 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 2656
 Ion Ratio Lower Upper
 180 100
 182 86.4 46.9 140.8
 145 112.5 14.7 44.1#

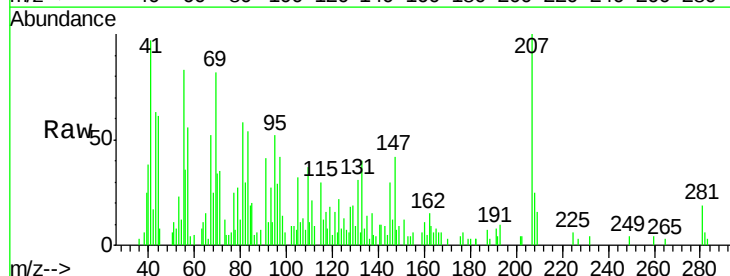


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

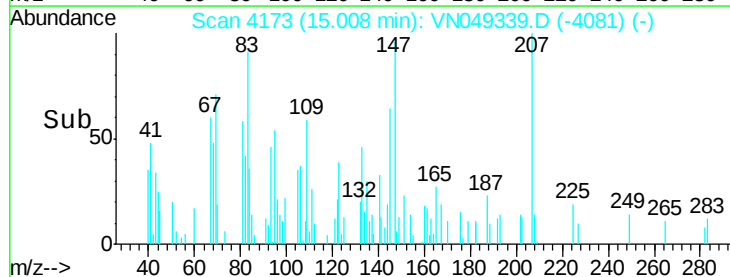
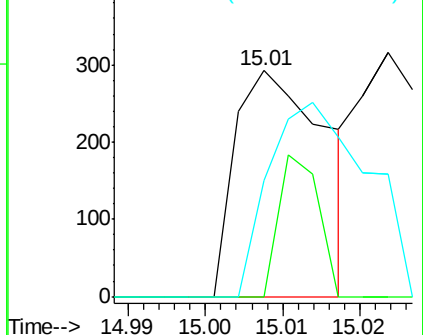


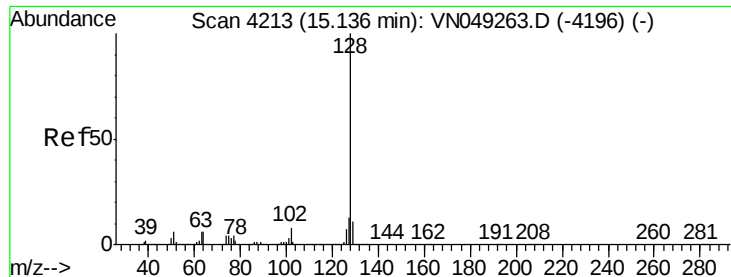
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4173
 Delta R.T. -0.01 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Tgt Ion:225 Resp: 238
 Ion Ratio Lower Upper
 225 100
 223 27.7 32.1 96.3#
 227 94.1 31.8 95.3



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

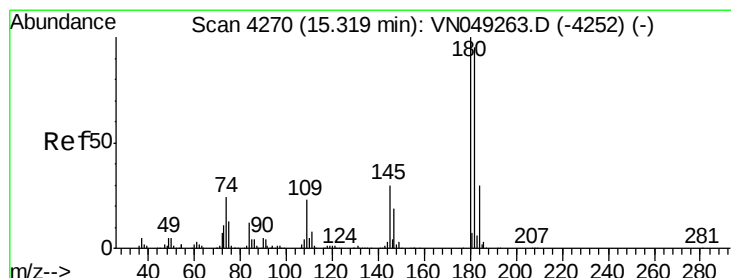
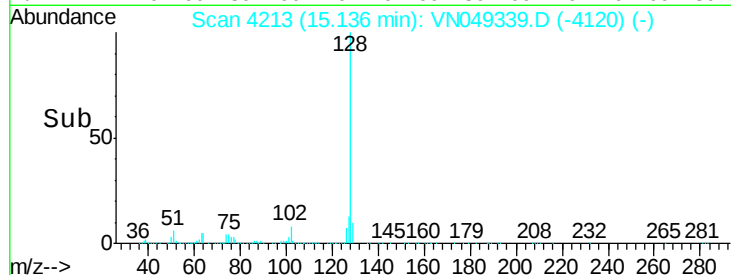
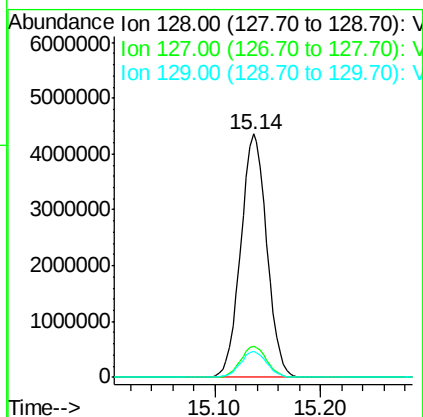
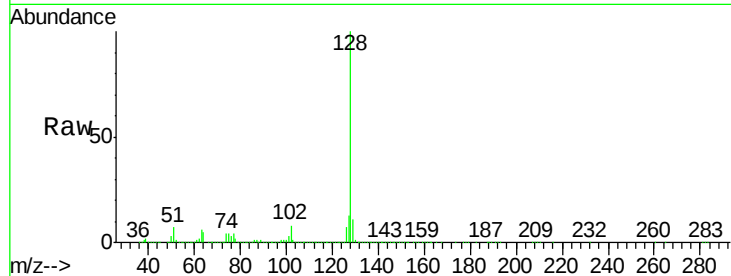




#95
Naphthalene
Concen: 218.47 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 7419435
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.68 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

Tgt Ion:180 Resp: 2952
Ion Ratio Lower Upper
180 100
182 72.6 47.3 141.8
145 0.0 15.6 46.7#

