

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049454.D
 Acq On : 20 Jun 2018 23:04
 Operator : MD\SY
 Sample : J3584-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 01:36:41 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	1207430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1931130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1565723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	482899	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	812335	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
35) Dibromofluoromethane	7.59	113	704251	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	
50) Toluene-d8	10.09	98	2607068	43.82	ug/l	0.00
Spiked Amount			Recovery	=	87.64%	
62) 4-Bromofluorobenzene	12.41	95	676690	34.40	ug/l	0.00
Spiked Amount			Recovery	=	68.80%	

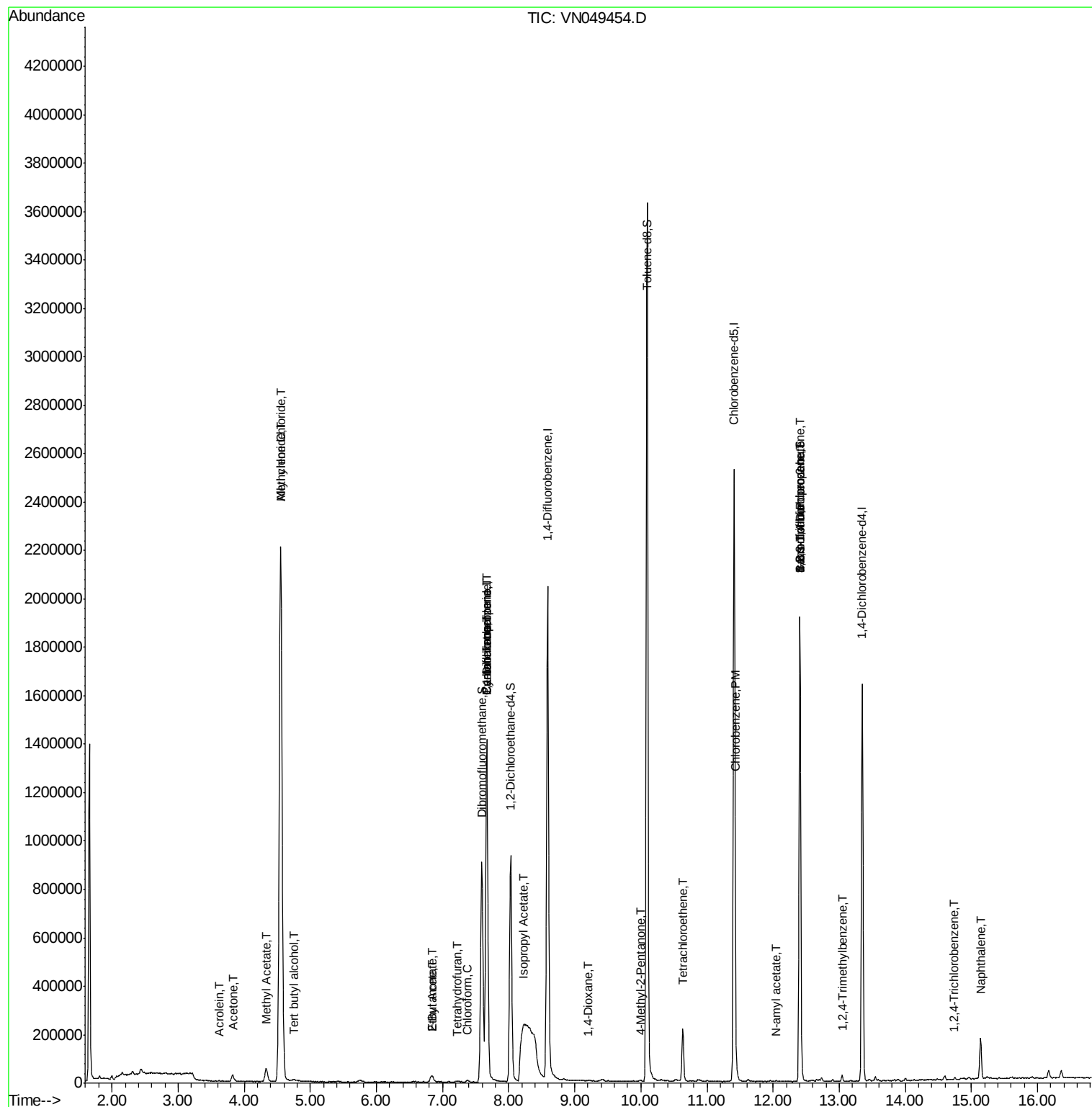
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	5694	6.06	ug/l #	70
13) Acrolein	3.61	56	300	0.30	ug/l #	67
14) Allyl chloride	4.55	41	59115	2.70	ug/l #	21
16) Acetone	3.83	43	43207	11.11	ug/l #	82
18) Methyl Acetate	4.33	43	106542	8.99	ug/l	97
20) Methylene Chloride	4.55	84	1699698	104.66	ug/l	92
25) 2-Butanone	6.86	43	8317	1.59	ug/l	97
29) Tetrahydrofuran	7.22	42	2568	0.76	ug/l #	59
30) Chloroform	7.37	83	7503	0.27	ug/l	91
31) Cyclohexane	7.67	56	24309	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	86534	3.91	ug/l #	50
37) Ethyl Acetate	6.86	43	8317	0.69	ug/l #	73
38) Carbon Tetrachloride	7.67	117	108857	4.75	ug/l #	17
43) Isopropyl Acetate	8.24	43	340388	14.81	ug/l #	64
49) 1,4-Dioxane	9.20	88	31	0.21	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3757	0.31	ug/l #	82
64) Tetrachloroethene	10.63	164	55153	3.44	ug/l	98
65) Chlorobenzene	11.44	112	13417	0.33	ug/l	94
71) Bromoform	12.41	173	3735	0.38	ug/l #	1
74) N-amyl acetate	12.05	43	3073	0.30	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.43	83	60	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.41	75	327756	39.78	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	327756	125.72	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.05	105	14278	0.43	ug/l	96
90) Hexachloroethane	13.89	117	247	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.75	180	30	4.75	ug/l #	13
95) Naphthalene	15.14	128	147354	12.76	ug/l	100

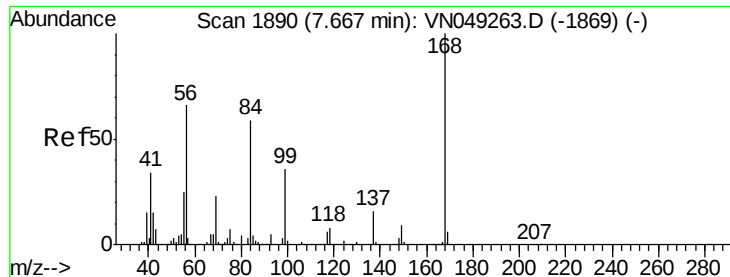
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

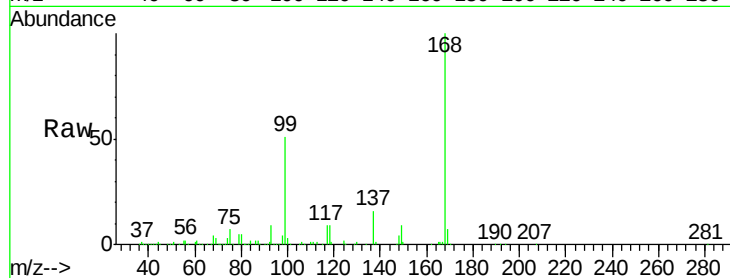
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1207430

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): VN0

7.67

500000

400000

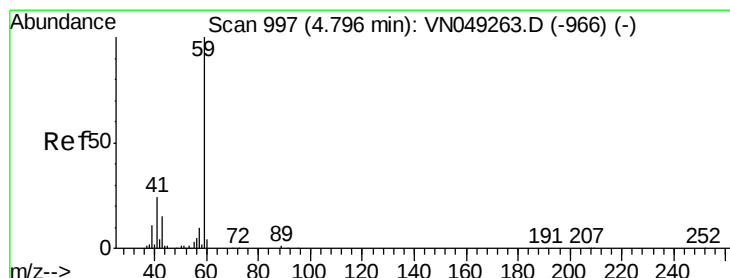
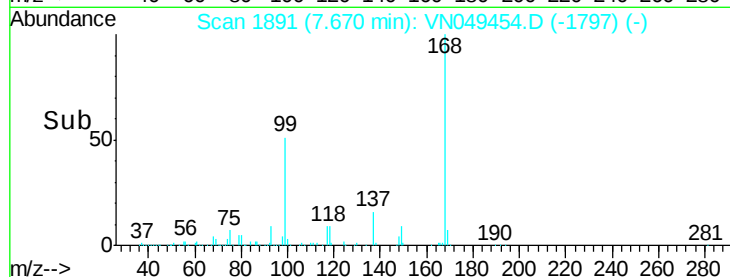
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.06 ug/l

RT: 4.76 min Scan# 985

Delta R.T. -0.04 min

Lab File: VN049454.D

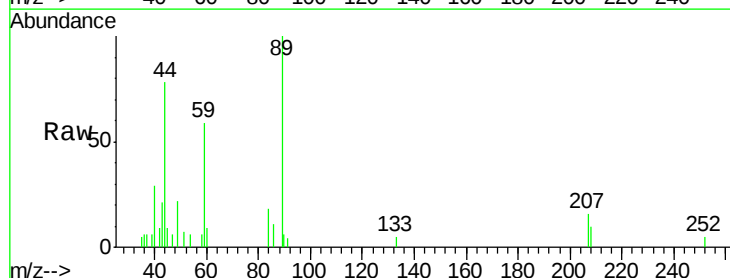
Acq: 20 Jun 2018 23:04

Tgt Ion: 59 Resp: 5694

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.76

2500

2000

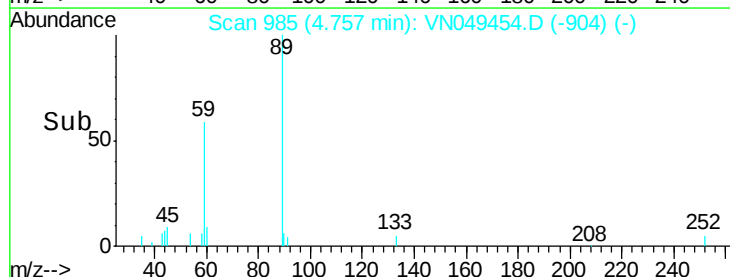
1500

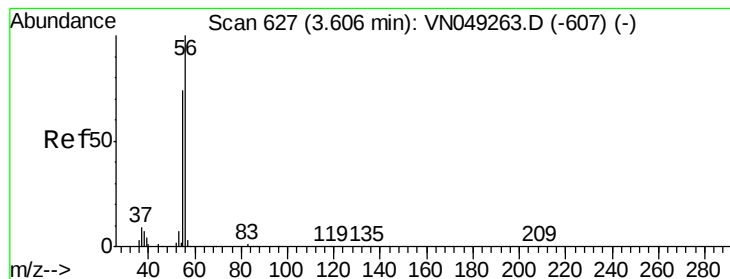
1000

500

0

Time-->





#13

Acrolein

Concen: 0.30 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

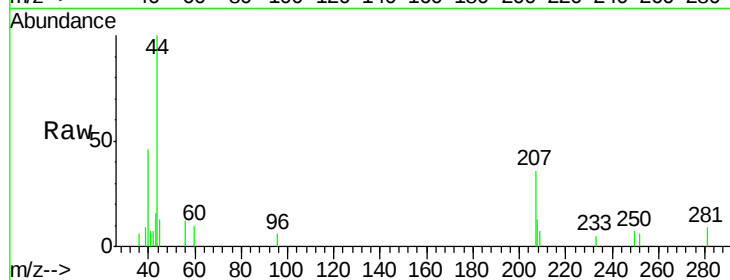
ClientSampleId :

Tot Ion: 56 Resp: 300

Ion Ratio Lower Upper

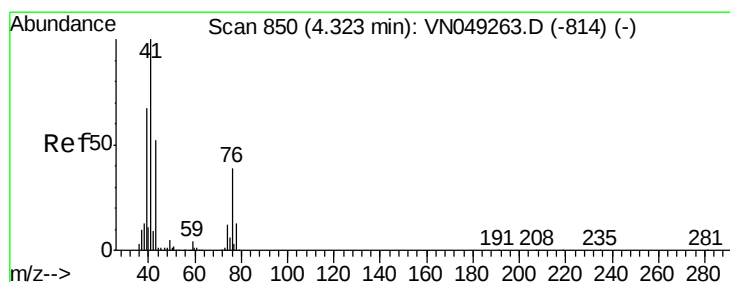
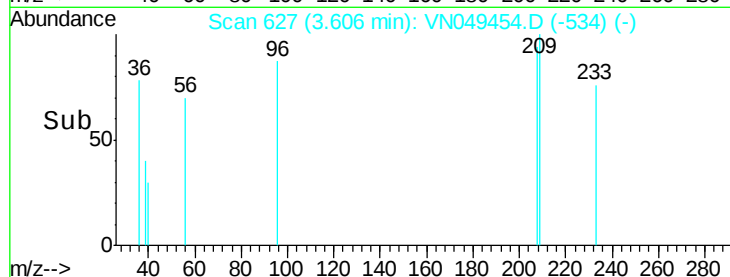
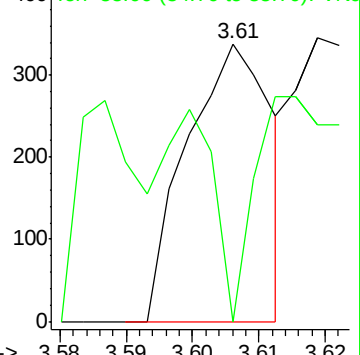
56 100

55 43.7 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 2.70 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.23 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

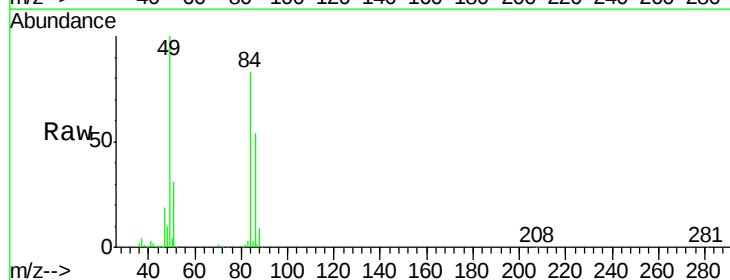
Tgt Ion: 41 Resp: 59115

Ion Ratio Lower Upper

41 100

39 1.4 62.5 93.7#

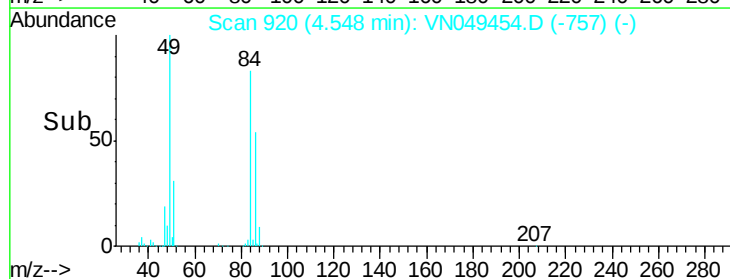
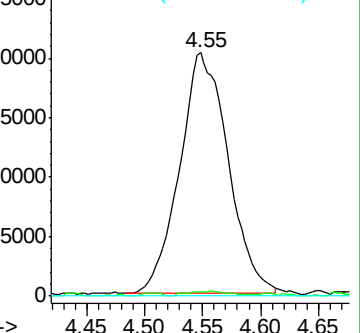
76 0.0 27.1 40.7#

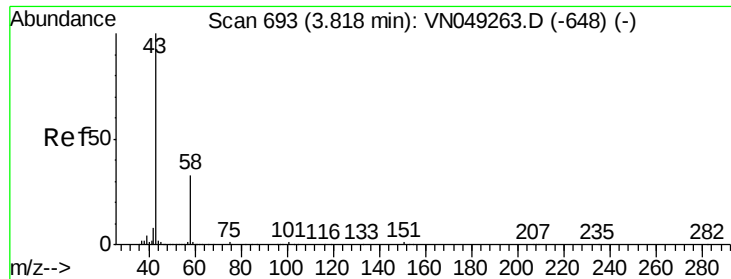


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 11.11 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

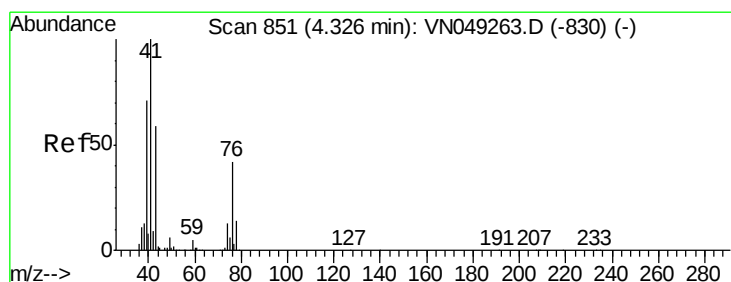
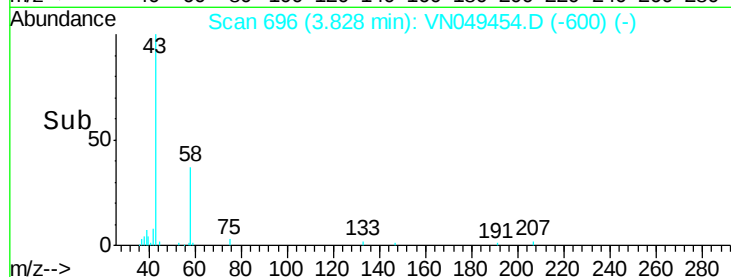
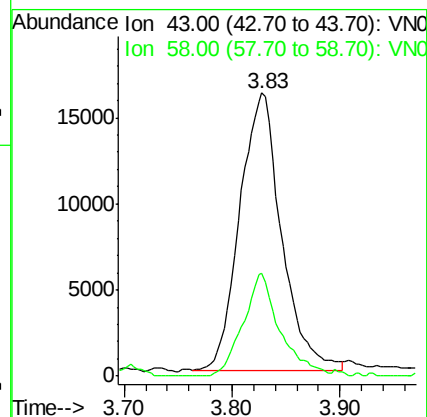
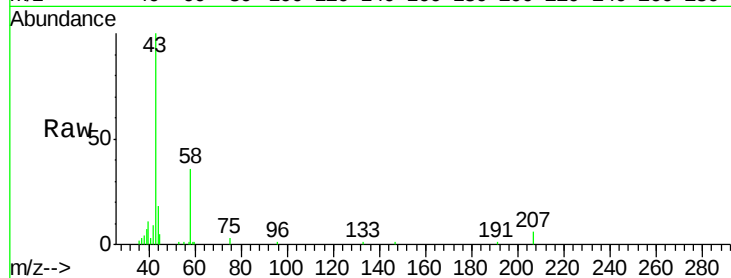
ClientSampleId :

Tot Ion: 43 Resp: 43207

Ion Ratio Lower Upper

43 100

58 37.2 22.4 33.6#



#18

Methyl Acetate

Concen: 8.99 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049454.D

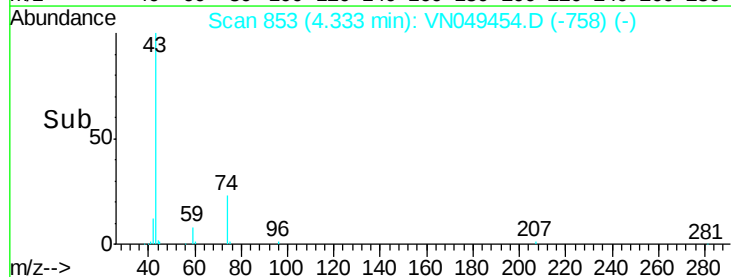
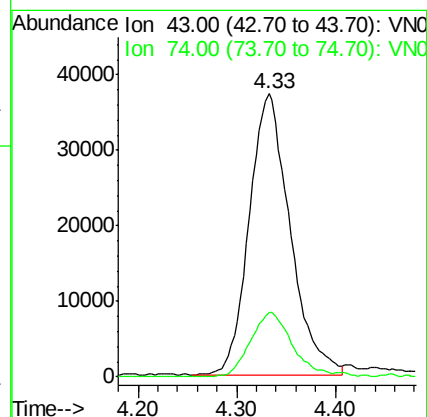
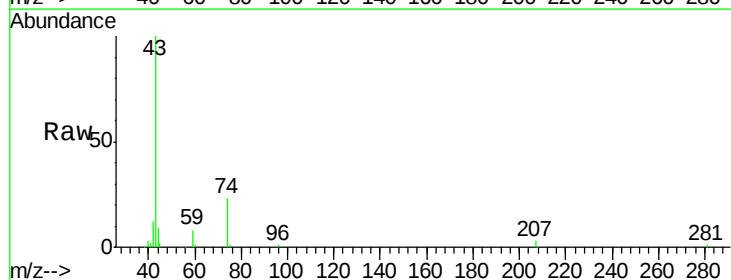
Acq: 20 Jun 2018 23:04

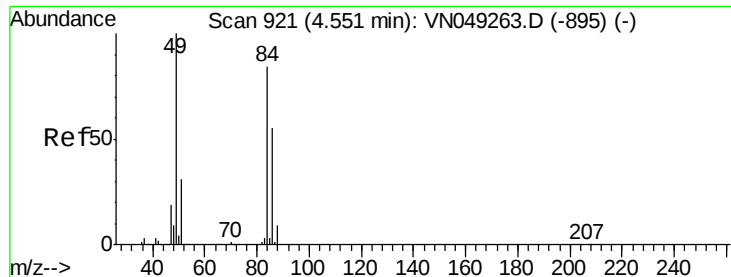
Tgt Ion: 43 Resp: 106542

Ion Ratio Lower Upper

43 100

74 23.3 17.4 26.0

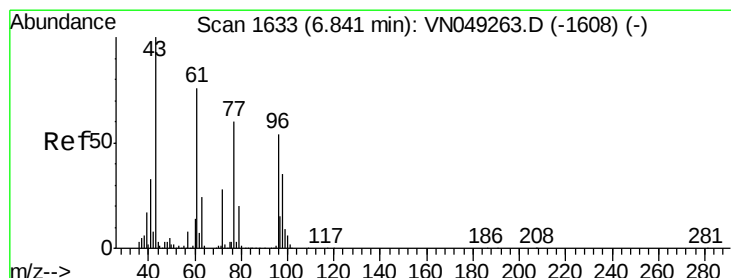
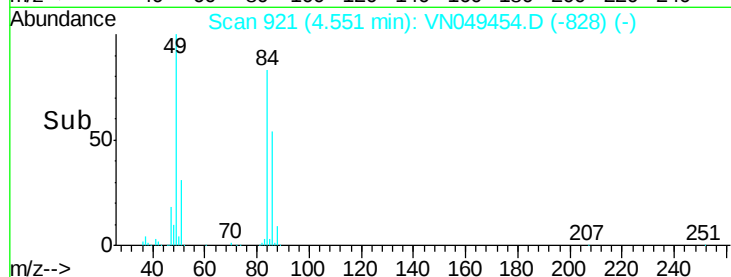
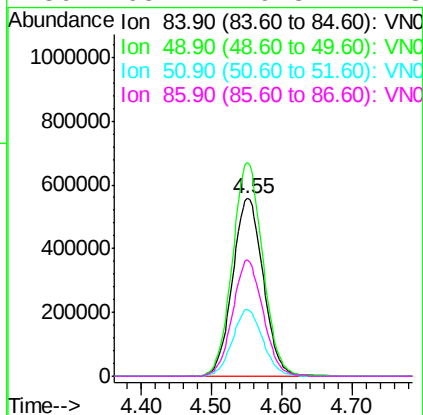
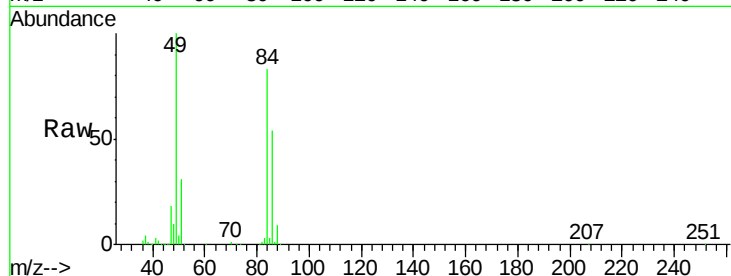




#20
Methvlene Chloride
Concen: 104.66 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

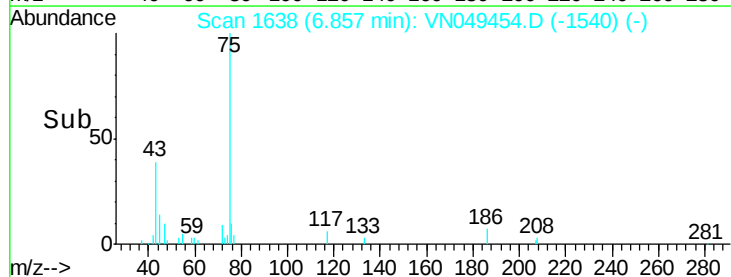
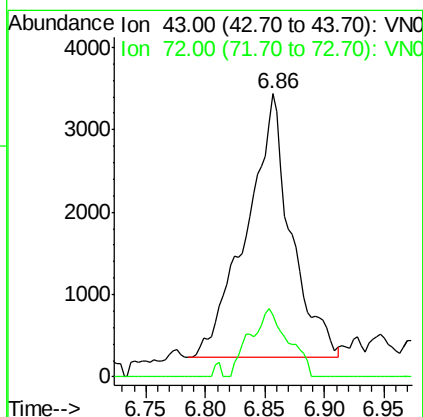
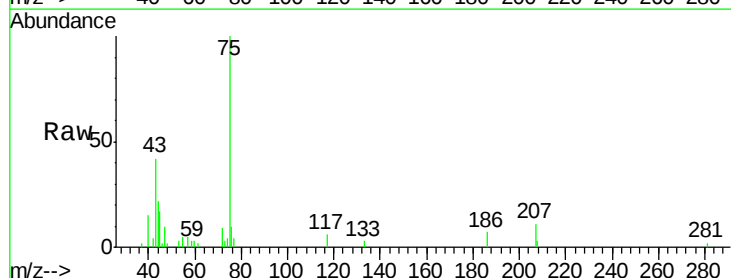
Instrument :
MSVOA_N
ClientSampleId :

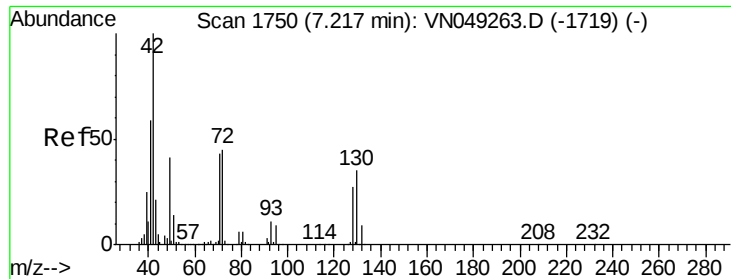
Tot Ion: 84 Resp: 1699698
Ion Ratio Lower Upper
84 100
49 120.1 106.9 160.3
51 37.5 32.7 49.1
86 65.4 49.8 74.8



#25
2-Butanone
Concen: 1.59 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Tgt Ion: 43 Resp: 8317
Ion Ratio Lower Upper
43 100
72 23.5 20.2 30.2

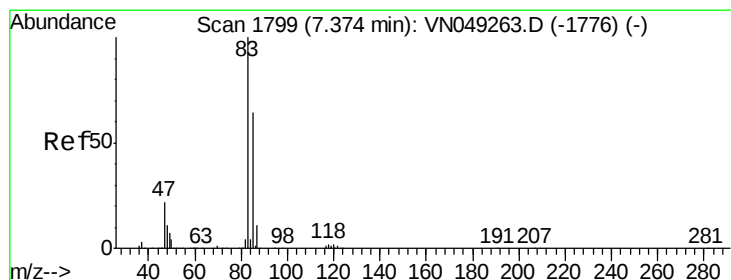
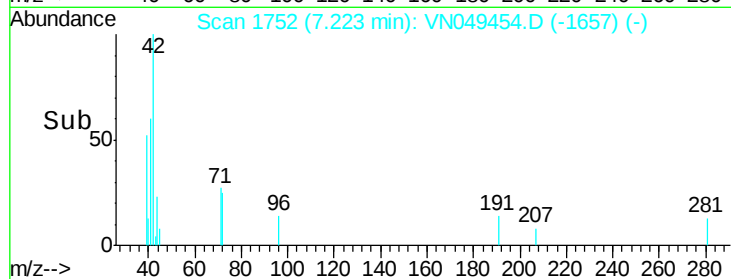
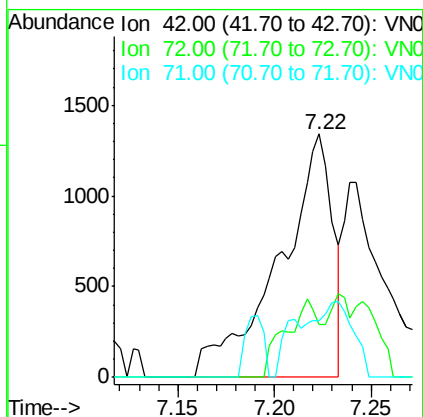
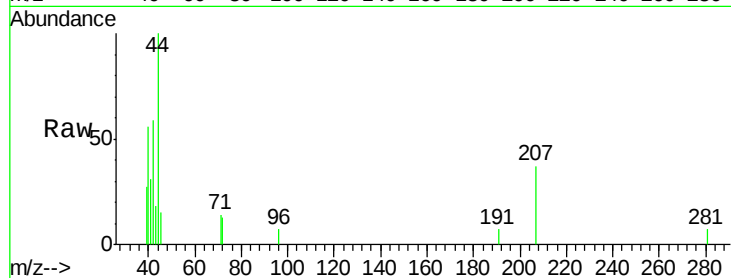




#29
Tetrahydrofuran
Concen: 0.76 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

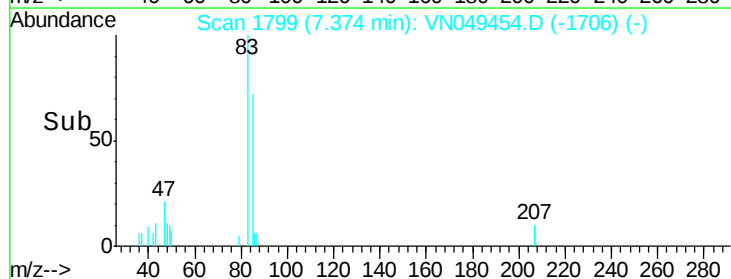
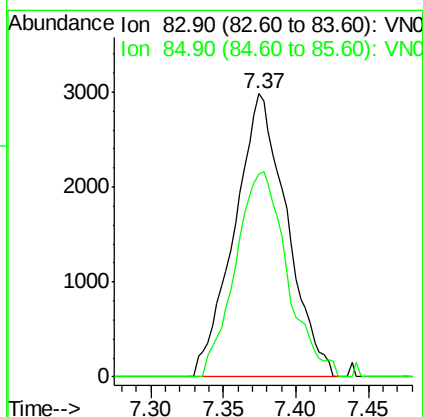
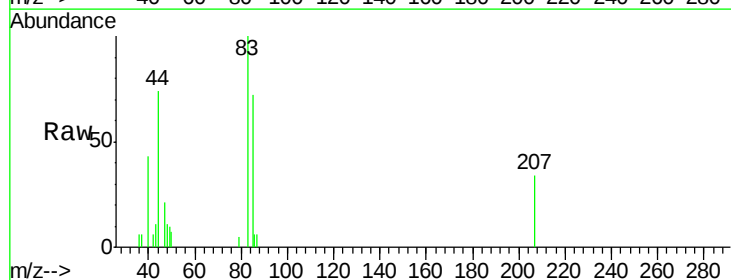
Instrument :
MSVOA_N
ClientSampled :

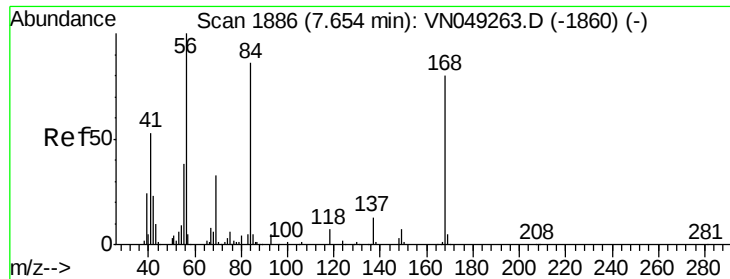
Tot Ion: 42 Resp: 2568
Ion Ratio Lower Upper
42 100
72 19.7 32.2 48.4#
71 8.4 30.5 45.7#



#30
Chloroform
Concen: 0.27 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Tgt Ion: 83 Resp: 7503
Ion Ratio Lower Upper
83 100
85 71.8 51.7 77.5

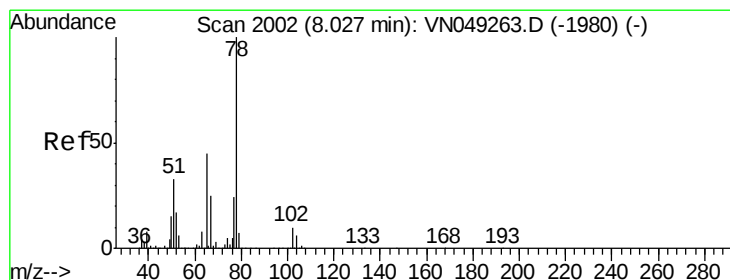
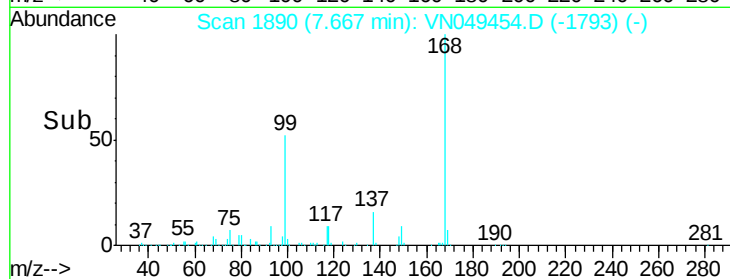
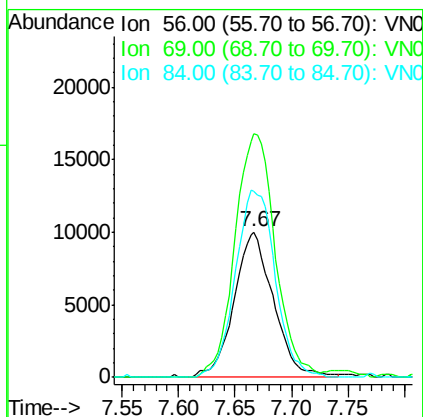
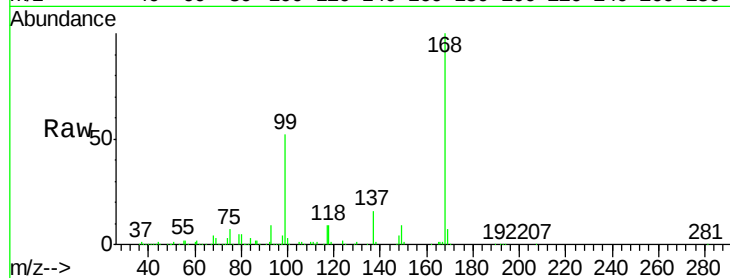




#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

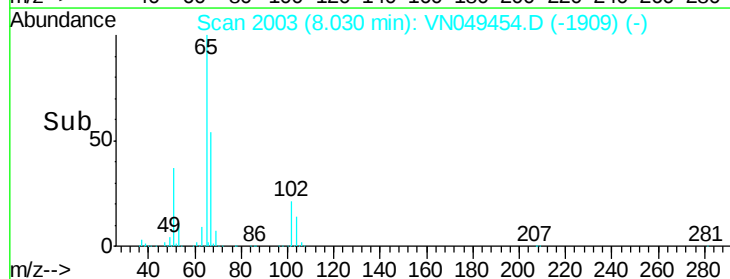
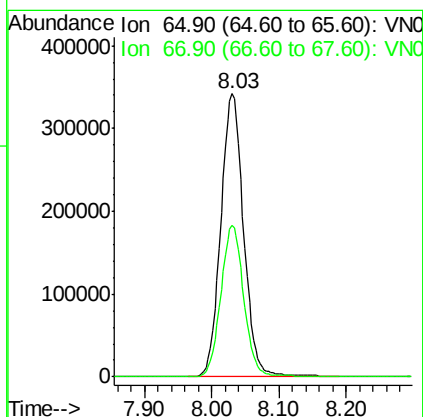
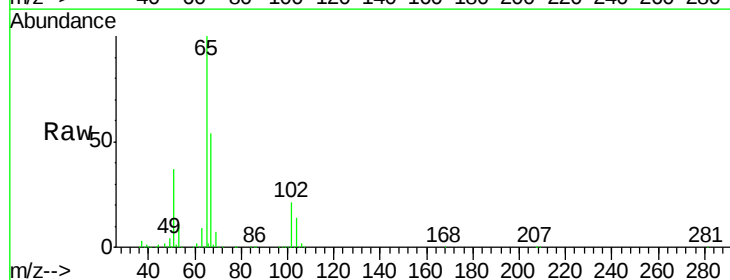
Instrument :
MSVOA_N
ClientSampled :

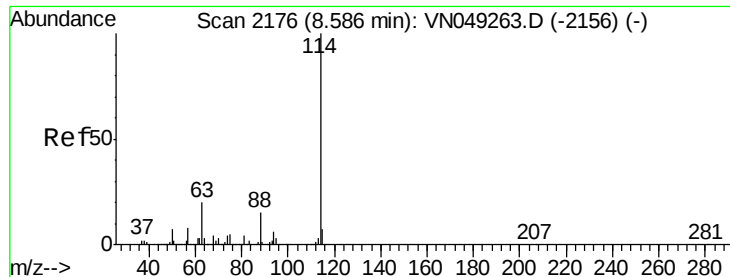
Tot Ion: 56 Resp: 24309
Ion Ratio Lower Upper
56 100
69 167.8 25.0 37.4#
84 128.3 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 50.72 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Tgt Ion: 65 Resp: 812335
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.8

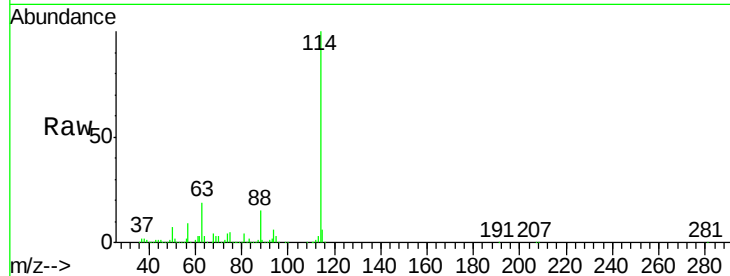




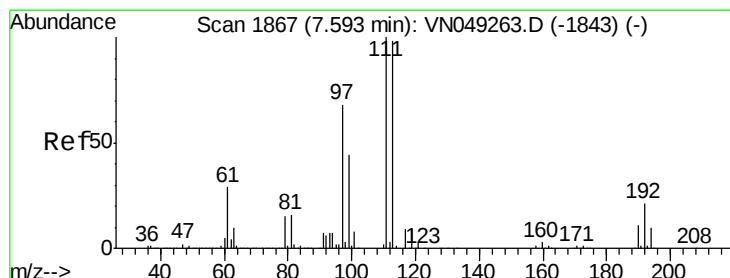
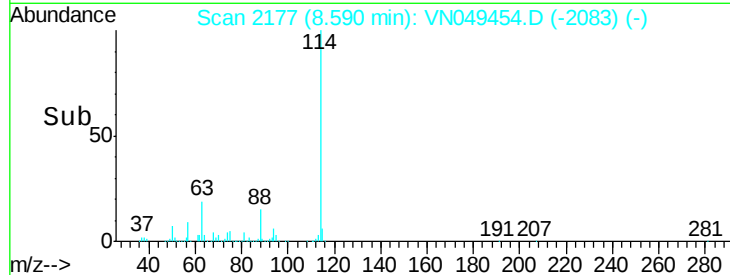
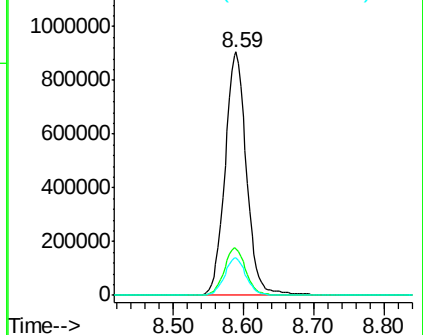
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 1931130
Ion Ratio Lower Upper
114 100
63 19.4 0.0 44.4
88 15.5 0.0 31.4

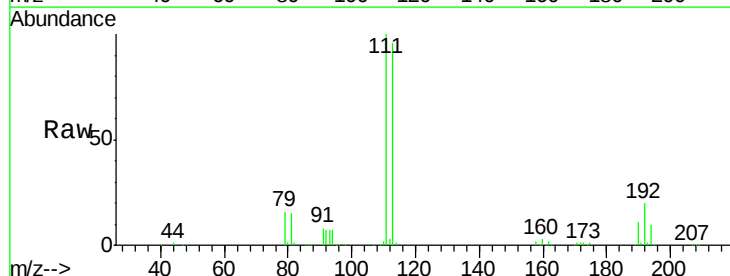


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

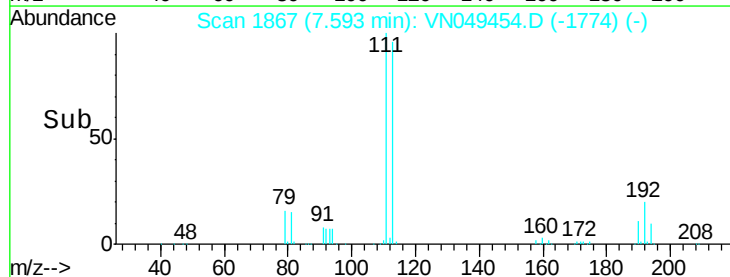
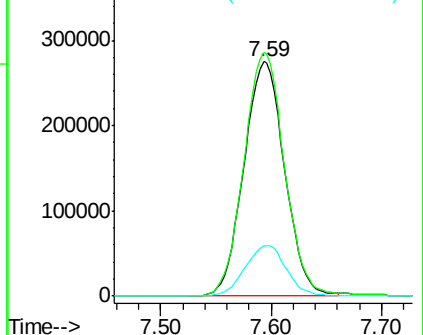


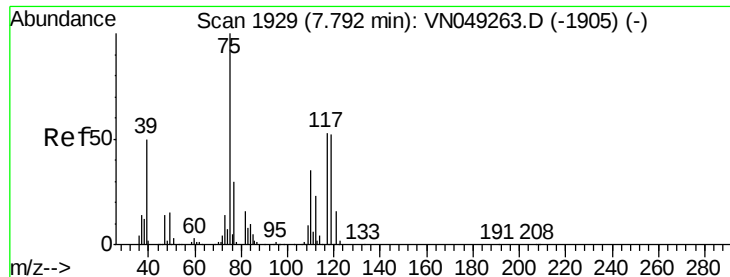
#35
Dibromofluoromethane
Concen: 45.08 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Tgt Ion:113 Resp: 704251
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 21.8 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: 3.91 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :
MSVOA_N
ClientSampleId :

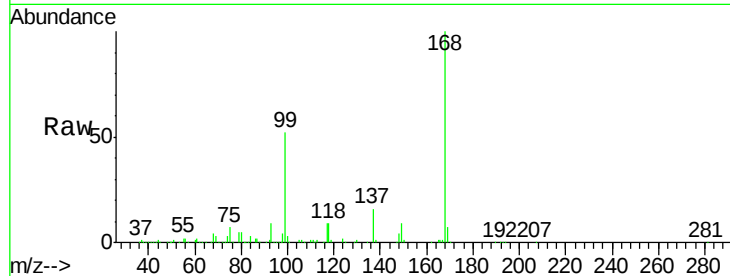
Tot Ion: 75 Resp: 86534

Ion Ratio Lower Upper

75 100

110 8.1 17.0 50.9#

77 0.1 24.4 36.6#

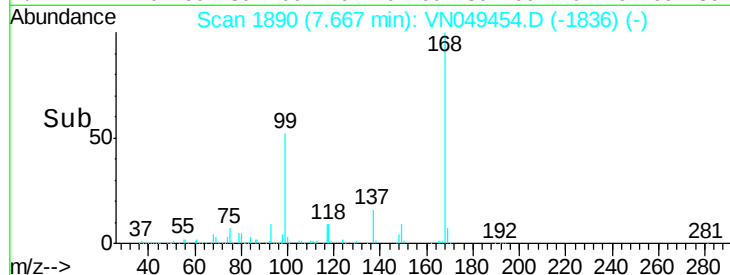


Abundance Ion 74.90 (74.60 to 75.60): VN049454.D (-1836) (-)

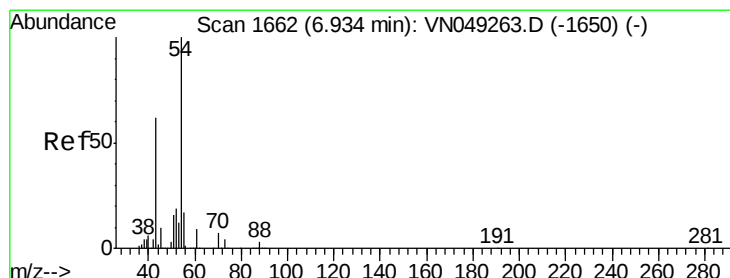
Ion 109.90 (109.60 to 110.60): VN049454.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049454.D (-1836) (-)

Time-->



Time-->



#37

Ethyl Acetate

Concen: 0.69 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. -0.08 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

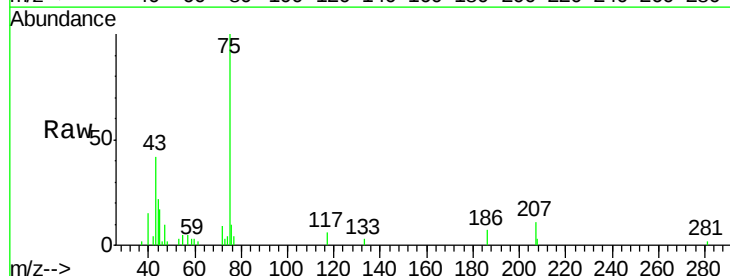
Tgt Ion: 43 Resp: 8317

Ion Ratio Lower Upper

43 100

61 2.0 11.0 16.4#

70 0.0 7.2 10.8#

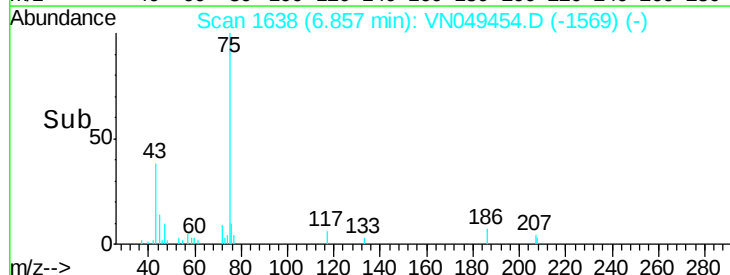


Abundance Ion 43.00 (42.70 to 43.70): VN049454.D (-1569) (-)

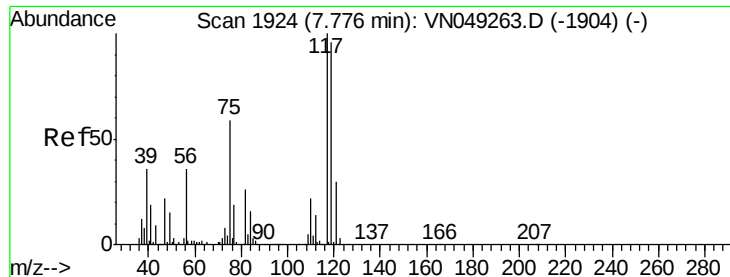
Ion 60.90 (60.60 to 61.60): VN049454.D (-1569) (-)

Ion 70.00 (69.70 to 70.70): VN049454.D (-1569) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 4.75 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

ClientSampleId :

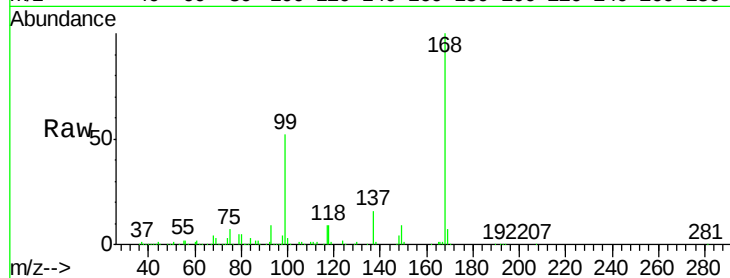
Tot Ion:117 Resp: 108857

Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

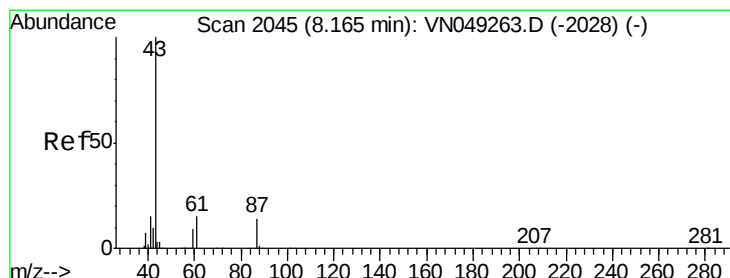
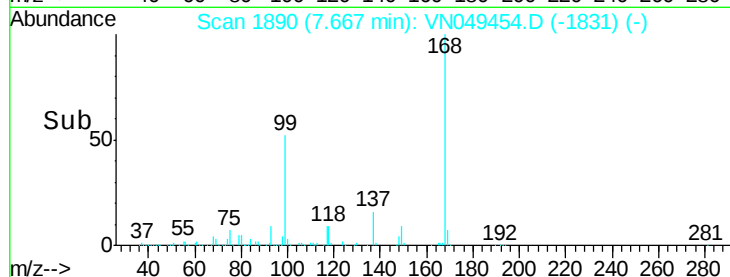
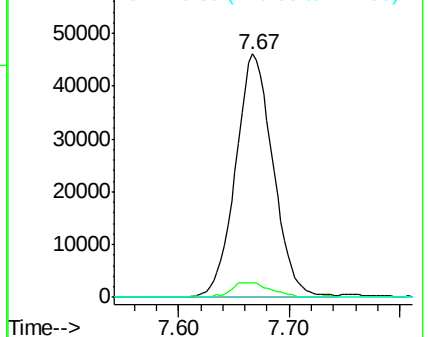
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 14.81 ug/l

RT: 8.24 min Scan# 2067

Delta R.T. 0.07 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

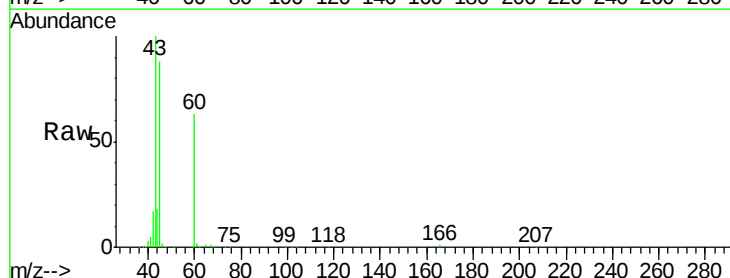
Tgt Ion: 43 Resp: 340388

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

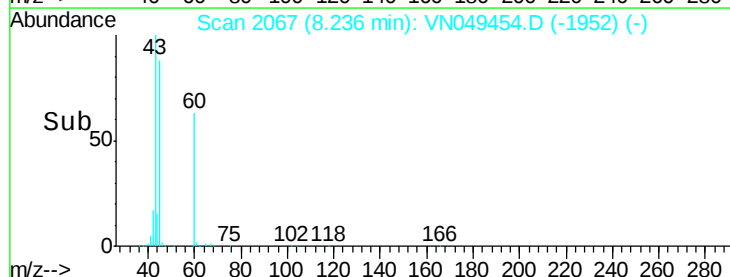
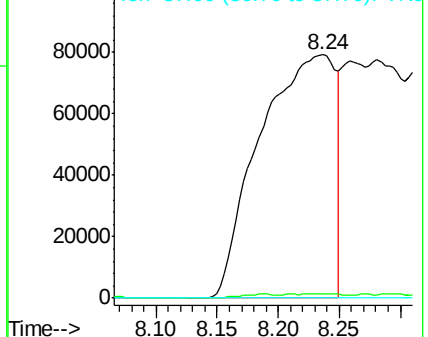
87 0.0 9.4 14.0#

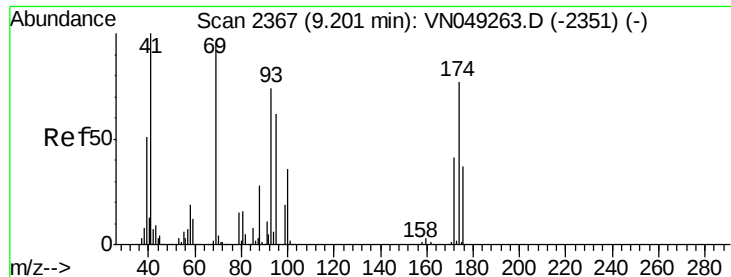


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

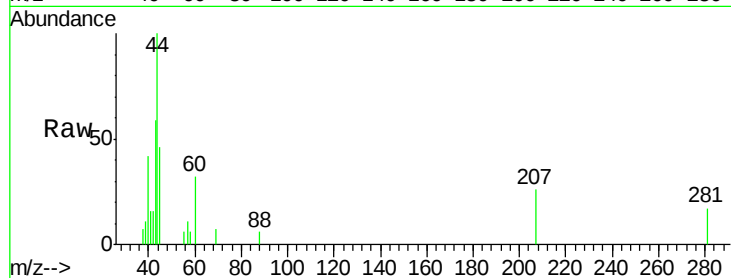




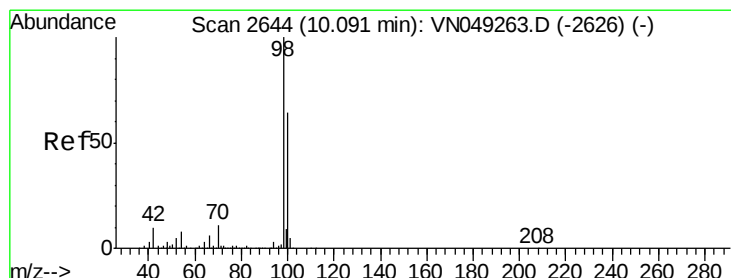
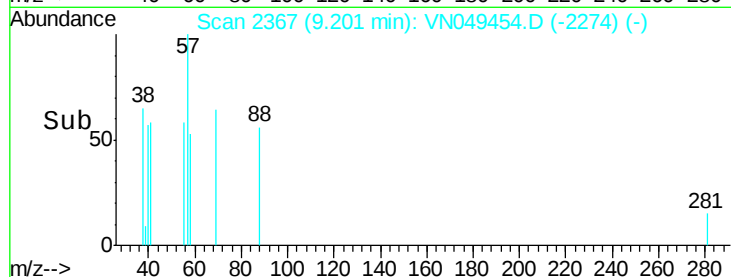
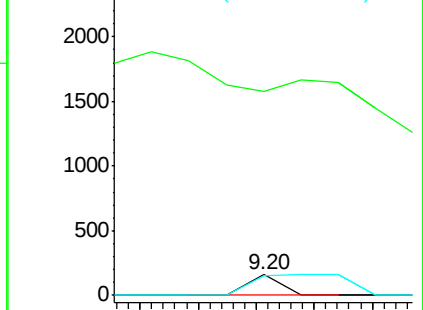
#49
1,4-Dioxane
Concen: 0.21 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 1325.8 30.9 46.3#
58 296.8 58.9 88.3#

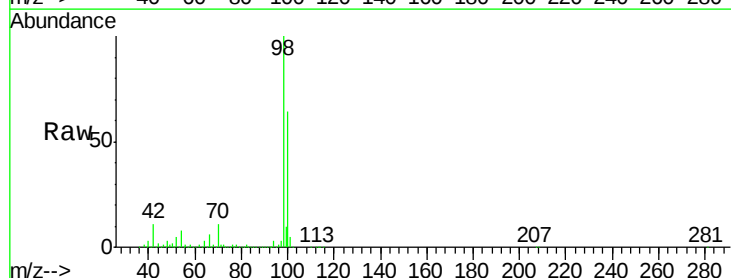


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

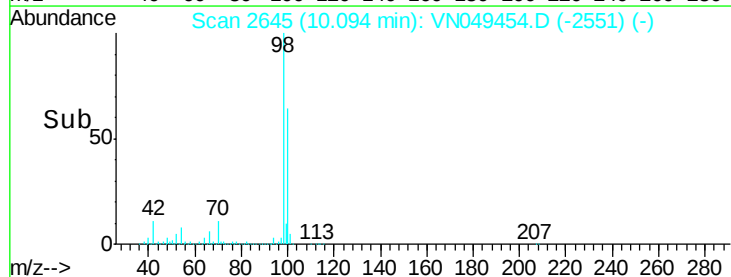
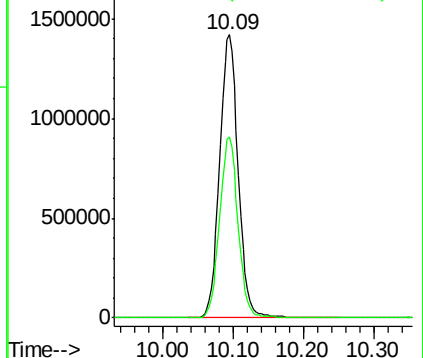


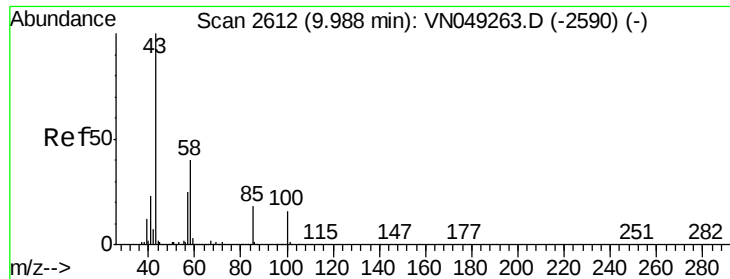
#50
Toluene-d8
Concen: 43.82 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Tgt Ion: 98 Resp: 2607068
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.31 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

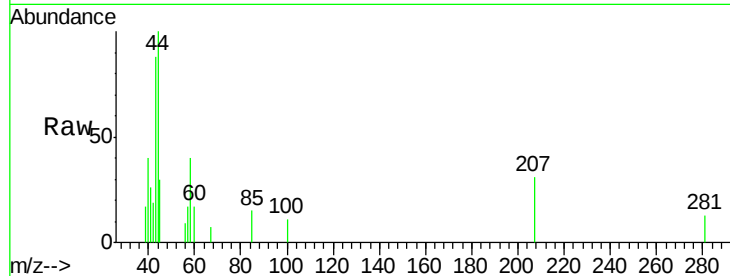
ClientSampleId :

Tot Ion: 43 Resp: 3757

Ion Ratio Lower Upper

43 100

58 46.8 29.0 43.6#



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

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

9.99

2500

2000

1500

1000

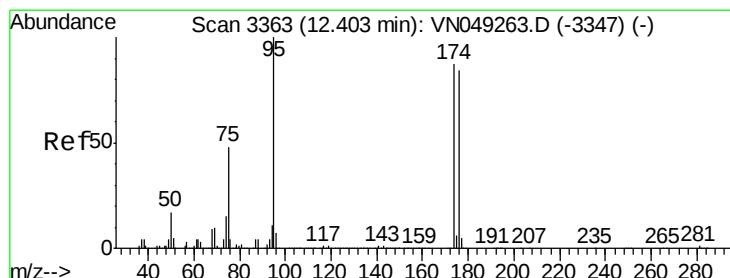
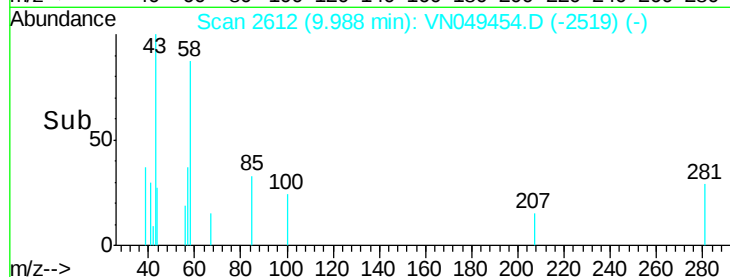
500

0

9.95

10.00

Time-->



#62

4-Bromofluorobenzene

Concen: 34.40 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

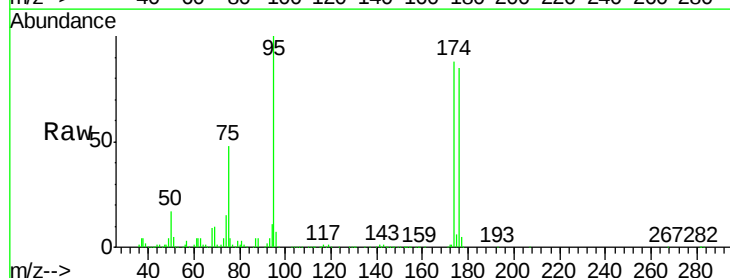
Tgt Ion: 95 Resp: 676690

Ion Ratio Lower Upper

95 100

174 88.9 0.0 165.6

176 85.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

500000

400000

300000

200000

100000

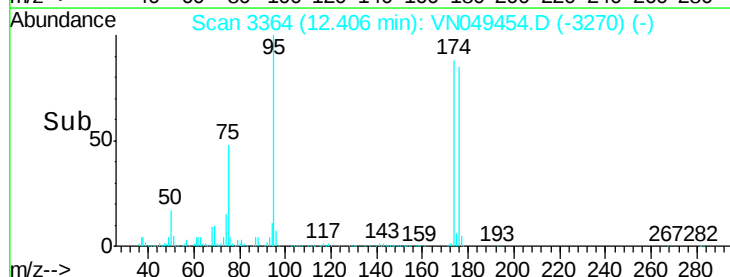
0

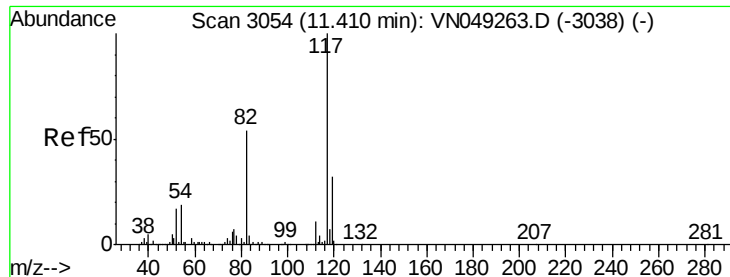
12.30

12.40

12.50

Time-->

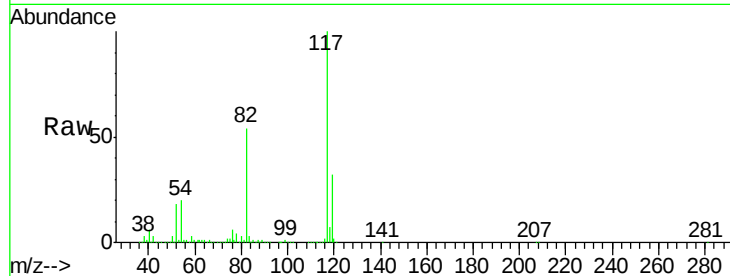




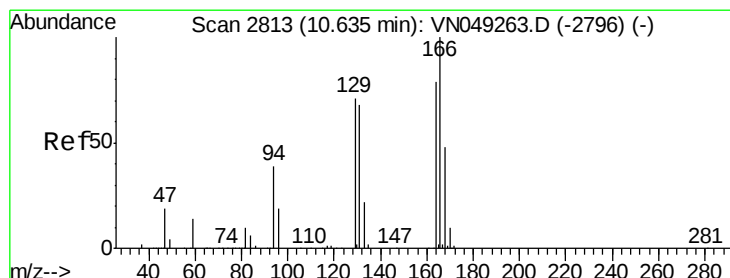
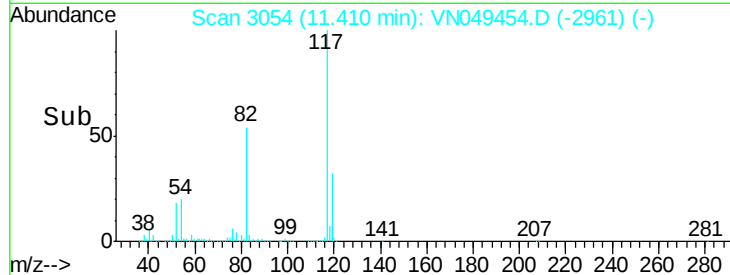
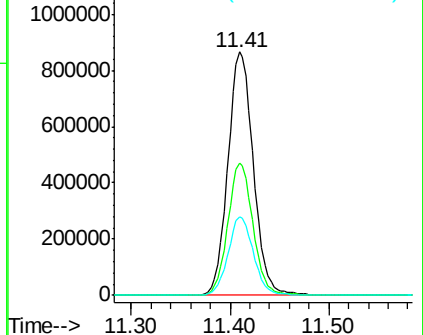
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1565723
Ion Ratio Lower Upper
117 100
82 54.4 45.9 68.9
119 32.4 25.5 38.3

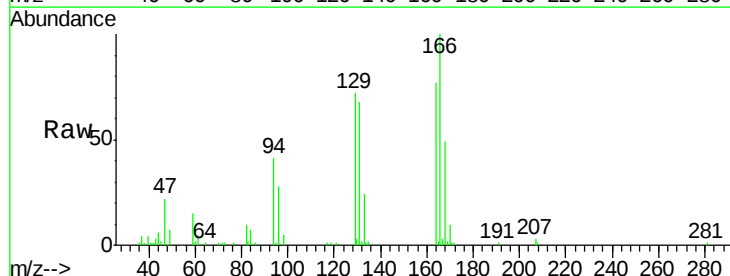


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

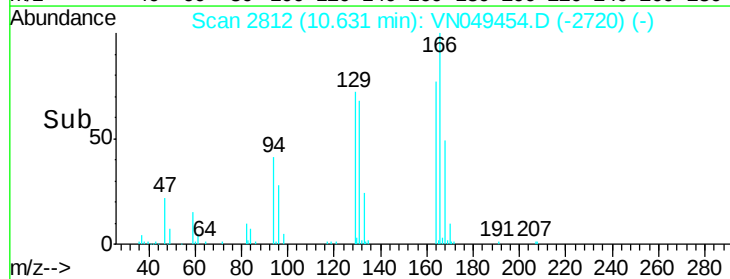
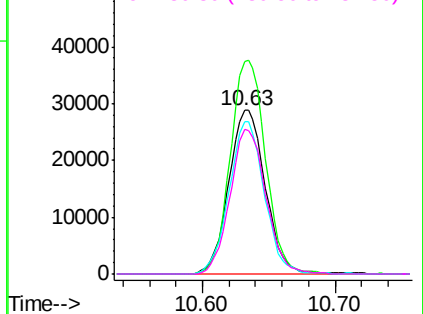


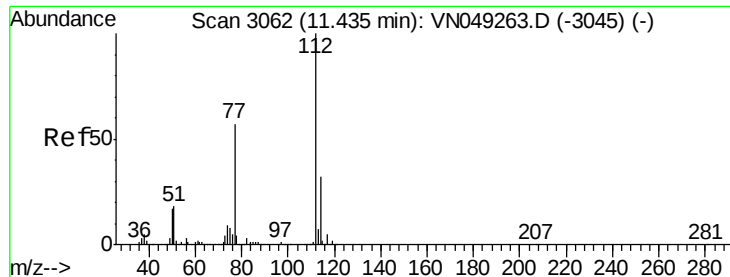
#64
Tetrachloroethene
Concen: 3.44 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Tgt Ion:164 Resp: 55153
Ion Ratio Lower Upper
164 100
166 129.5 101.4 152.2
129 93.0 74.1 111.1
131 88.0 73.7 110.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 0.33 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

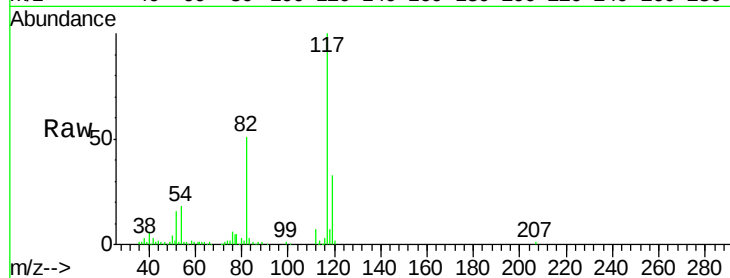
ClientSampled :

Tot Ion:112 Resp: 13417

Ion Ratio Lower Upper

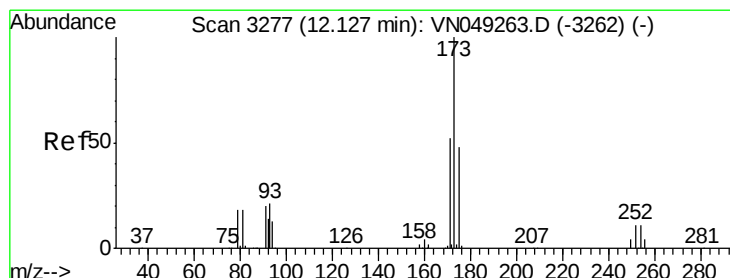
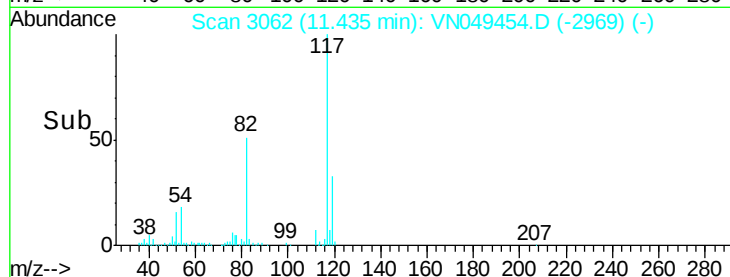
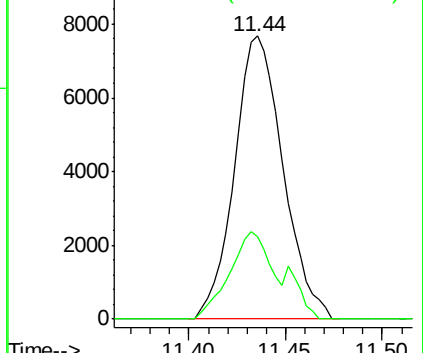
112 100

114 29.2 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#71

Bromoform

Concen: 0.38 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

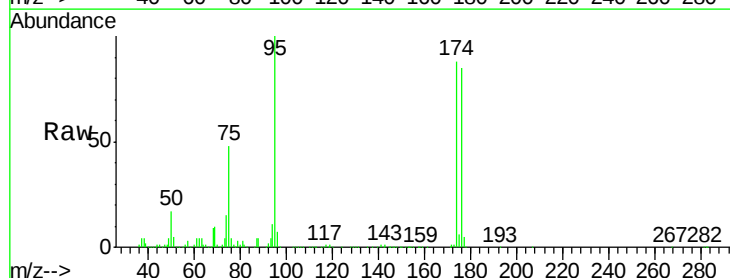
Tgt Ion:173 Resp: 3735

Ion Ratio Lower Upper

173 100

175 886.1 24.5 73.5#

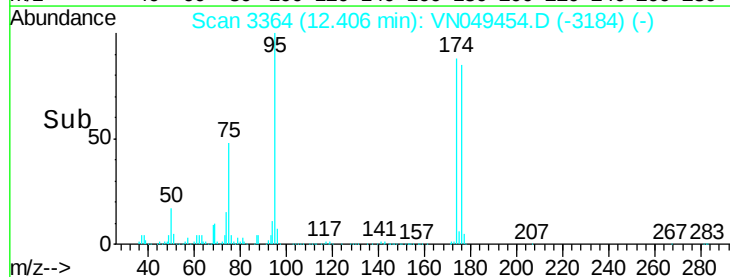
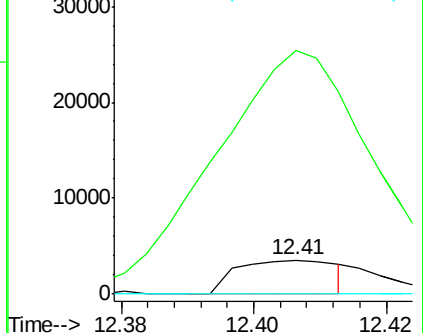
254 0.0 0.1 0.1#

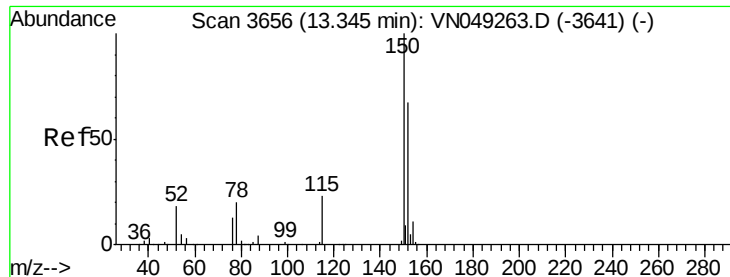


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

ClientSampleId :

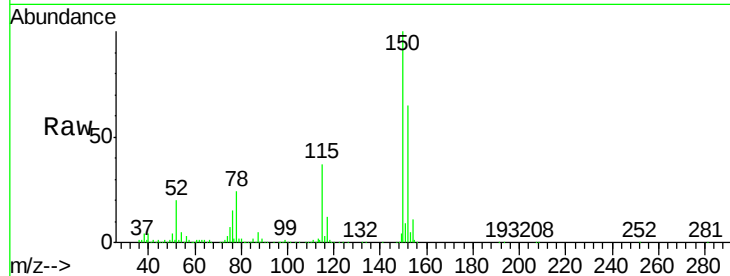
Tot Ion:152 Resp: 482899

Ion Ratio Lower Upper

152 100

115 55.7 28.7 86.1

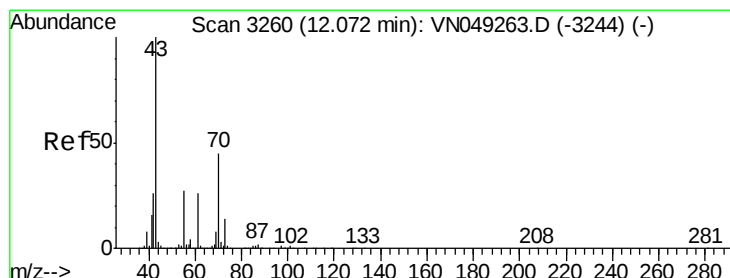
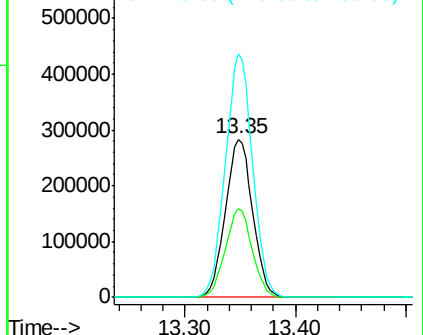
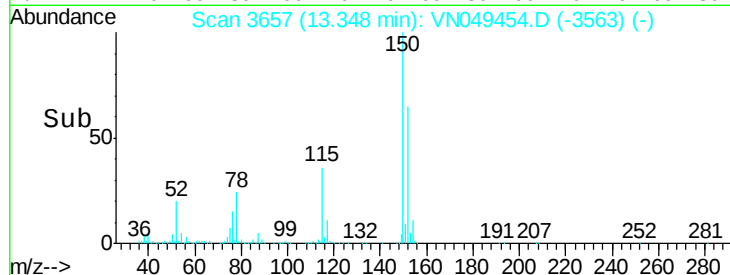
150 153.9 0.0 351.0



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



#74

N-ethyl acetate

Concen: 0.30 ug/l

RT: 12.05 min Scan# 3253

Delta R.T. -0.02 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Tgt Ion: 43 Resp: 3073

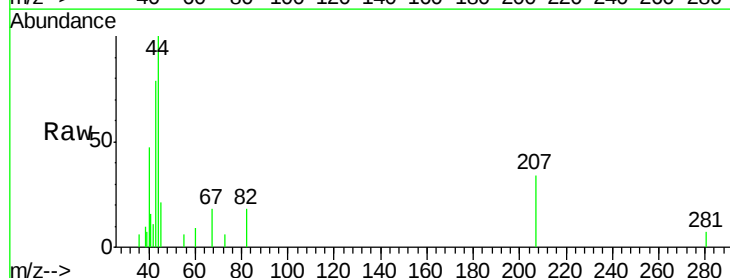
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 4.0 19.4 29.2#

61 0.0 17.8 26.6#

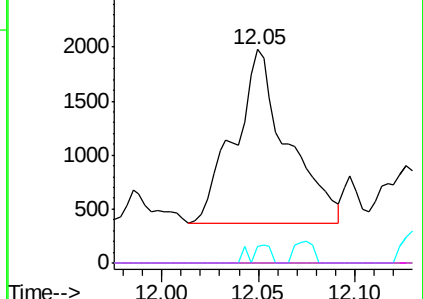
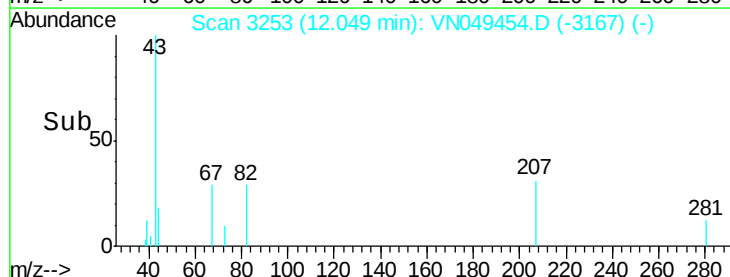


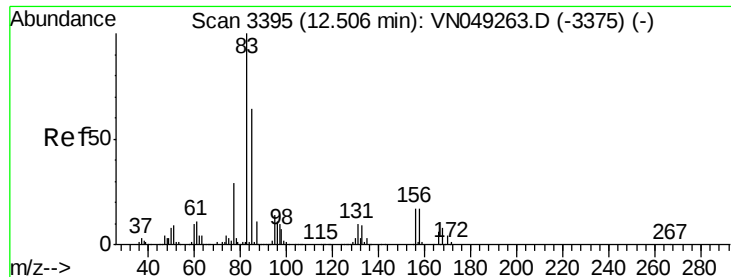
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.43 min Scan# 3370

Delta R.T. -0.08 min

Lab File: VN049454.D

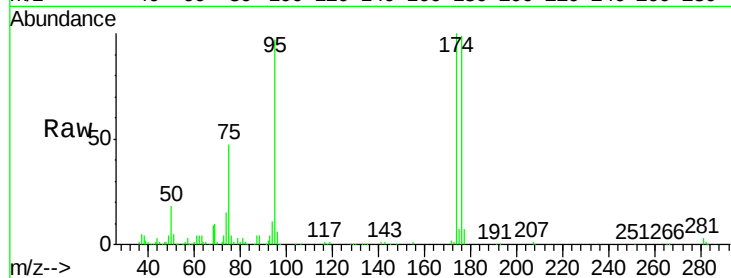
Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

ClientSampled :

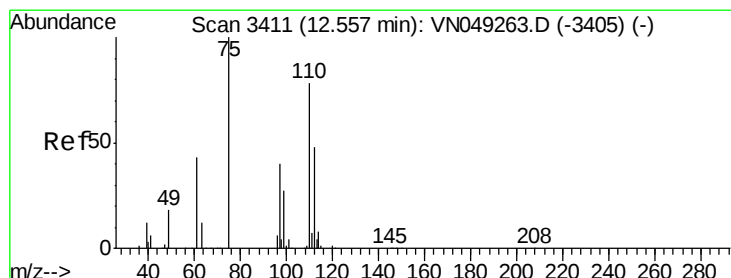
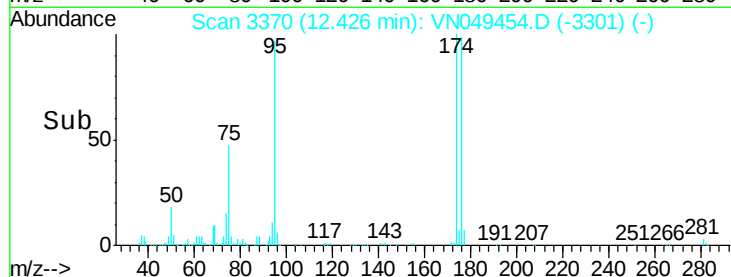
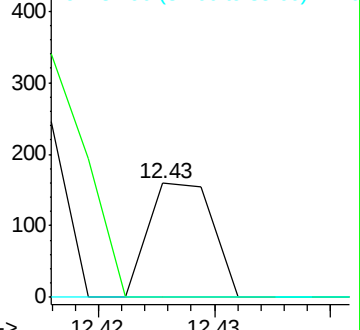
Tot Ion:	83	Resp:	60
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	0.0	32.0	96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 39.78 ug/l

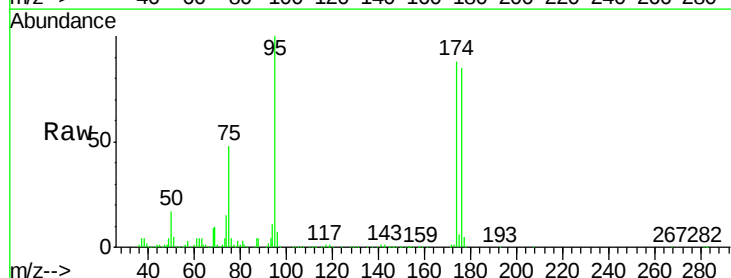
RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049454.D

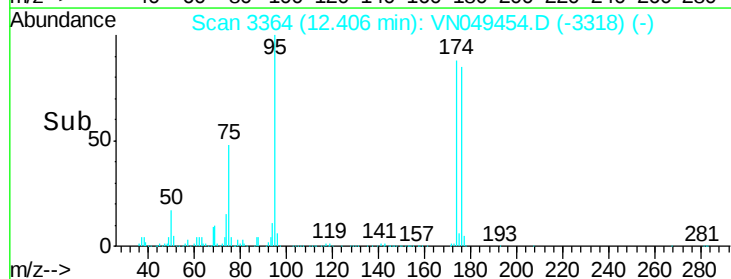
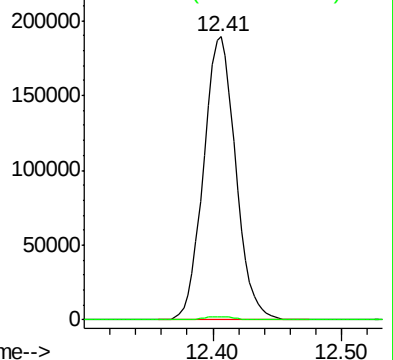
Acq: 20 Jun 2018 23:04

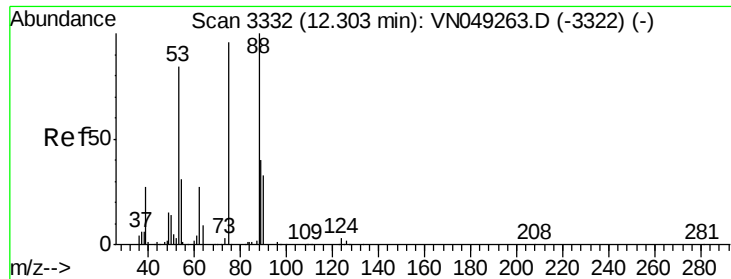
Tgt Ion:	75	Resp:	327756
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#81

trans-1,4-Dichloro-2-butene

Concen: 125.72 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

ClientSampled :

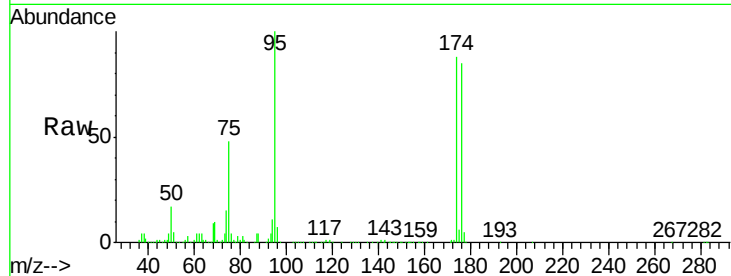
Tot Ion: 75 Resp: 327756

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

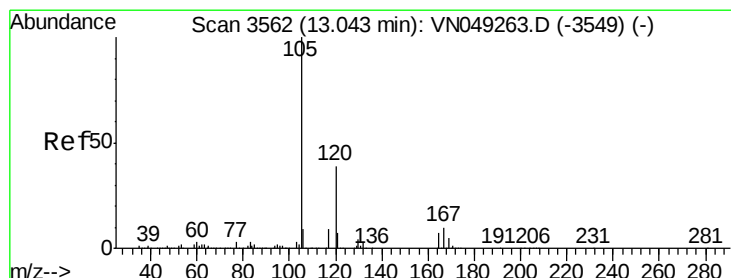
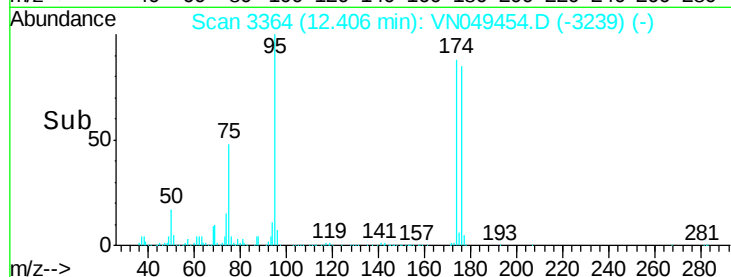
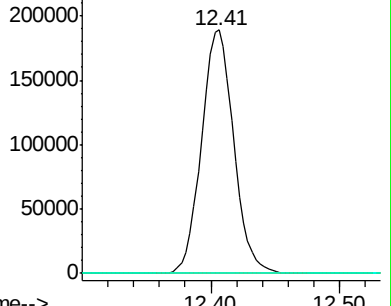
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049454.D (-3364) (-)

Ion 53.00 (52.70 to 53.70): VN049454.D (-3364) (-)

Ion 88.90 (88.60 to 89.60): VN049454.D (-3364) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.43 ug/l

RT: 13.05 min Scan# 3563

Delta R.T. 0.00 min

Lab File: VN049454.D

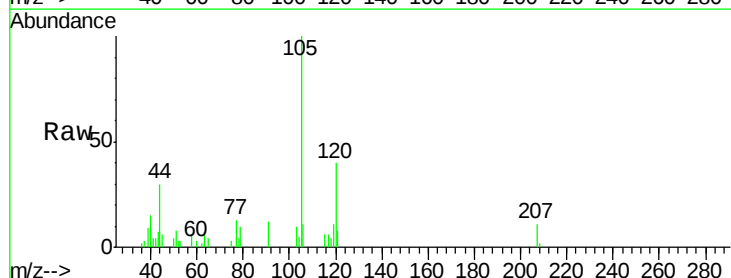
Acq: 20 Jun 2018 23:04

Tgt Ion: 105 Resp: 14278

Ion Ratio Lower Upper

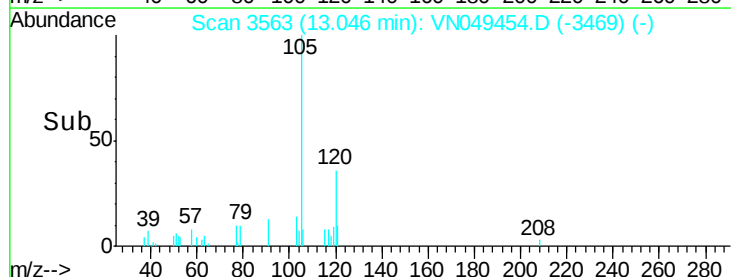
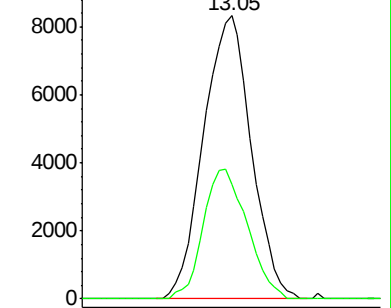
105 100

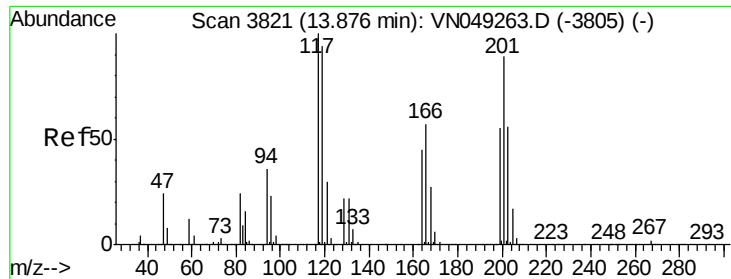
120 42.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049454.D (-3563) (-)

Ion 120.00 (119.70 to 120.70): VN049454.D (-3563) (-)





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

Instrument :

MSVOA_N

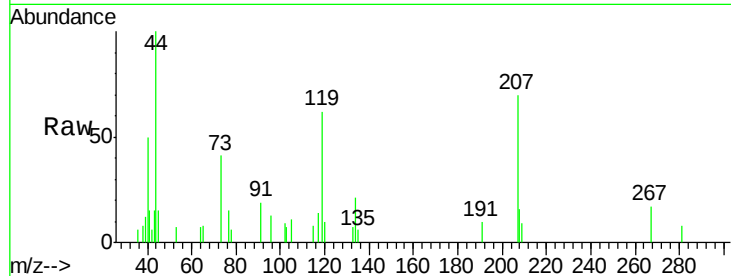
ClientSampled :

Tot Ion:117 Resp: 247

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

300

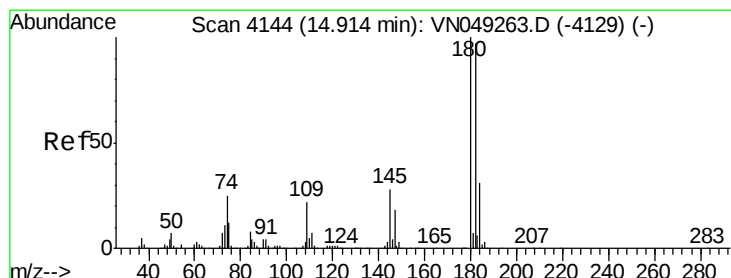
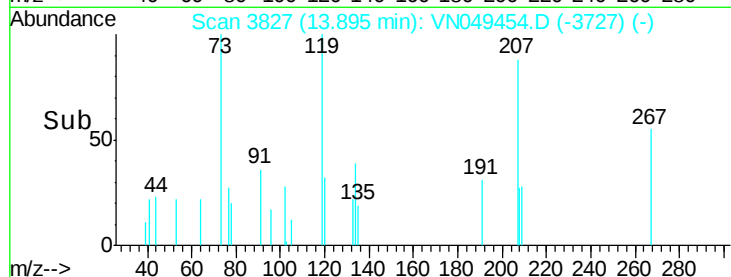
200

100

0

Time-->

13.88 13.90



#93

1,2,4-Trichlorobenzene

Concen: 4.75 ug/l

RT: 14.75 min Scan# 4092

Delta R.T. -0.17 min

Lab File: VN049454.D

Acq: 20 Jun 2018 23:04

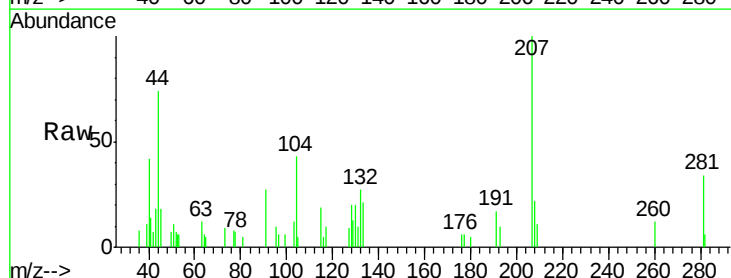
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 0.0 46.9 140.8#

145 0.0 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

14.75

200

150

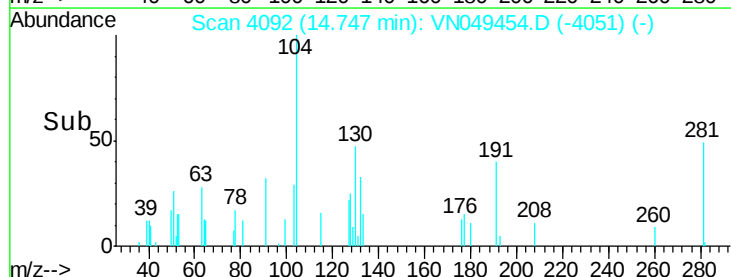
100

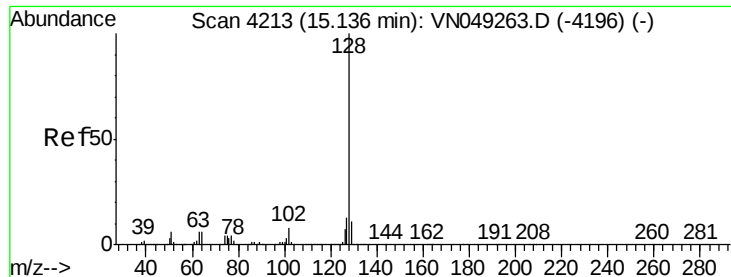
50

0

Time-->

14.74 14.75





#95
Naphthalene
Concen: 12.76 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049454.D
Acq: 20 Jun 2018 23:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.6	8.5	12.7

