

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049456.D
 Acq On : 20 Jun 2018 23:56
 Operator : MD\SY
 Sample : J3584-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 01:37:17 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	1220855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1949734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1579177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	495443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	821027	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	7.59	113	729310	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
50) Toluene-d8	10.09	98	2640259	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
62) 4-Bromofluorobenzene	12.40	95	679519	34.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.44%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.75	59	3915	4.12	ug/l	# 70
13) Acrolein	3.61	56	1160	1.16	ug/l	98
14) Allyl chloride	4.55	41	210346	9.52	ug/l	# 20
16) Acetone	3.82	43	50654	12.88	ug/l	92
18) Methyl Acetate	4.33	43	104762	8.74	ug/l	95
20) Methylene Chloride	4.55	84	6095914	371.24	ug/l	91
25) 2-Butanone	6.84	43	21648	4.10	ug/l	94
29) Tetrahydrofuran	7.23	42	2089	0.61	ug/l	# 63
30) Chloroform	7.37	83	35322	1.26	ug/l	100
31) Cyclohexane	7.67	56	22255	0.76	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	87478	3.91	ug/l	# 45
37) Ethyl Acetate	6.84	43	21648	1.78	ug/l	# 73
38) Carbon Tetrachloride	7.67	117	109782	4.75	ug/l	# 17
43) Isopropyl Acetate	8.26	43	411872	17.74	ug/l	# 64
47) Bromodichloromethane	9.41	83	14152	0.62	ug/l	# 79
49) 1,4-Dioxane	9.22	88	67	0.44	ug/l	# 21
51) 4-Methyl-2-Pentanone	9.99	43	5624	0.46	ug/l	94
59) 2-Hexanone	10.76	43	4558	0.58	ug/l	90
60) Dibromochloromethane	10.90	129	4521	0.27	ug/l	96
65) Chlorobenzene	11.44	112	9182	0.23	ug/l	# 80
68) m/p-Xylenes	11.62	106	5178	0.20	ug/l	98
74) N-amyl acetate	12.04	43	3768	0.35	ug/l	# 55
75) 1,1,2,2-Tetrachloroethane	12.51	83	30	Below	Cal	# 1
76) 1,2,3-Trichloropropane	12.41	75	337903	39.97	ug/l	# 100
79) 2-Chlorotoluene	12.67	91	8759	0.29	ug/l	89
80) 1,3,5-Trimethylbenzene	12.74	105	7170	0.21	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.41	75	337903	126.33	ug/l	# 9
82) 4-Chlorotoluene	12.67	91	8759	0.30	ug/l	90
84) 1,2,4-Trimethylbenzene	13.05	105	24908	0.73	ug/l	98
90) Hexachloroethane	13.89	117	851	Below	Cal	# 9
93) 1,2,4-Trichlorobenzene	14.91	180	369	4.78	ug/l	# 1
95) Naphthalene	15.14	128	168511	13.94	ug/l	99

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

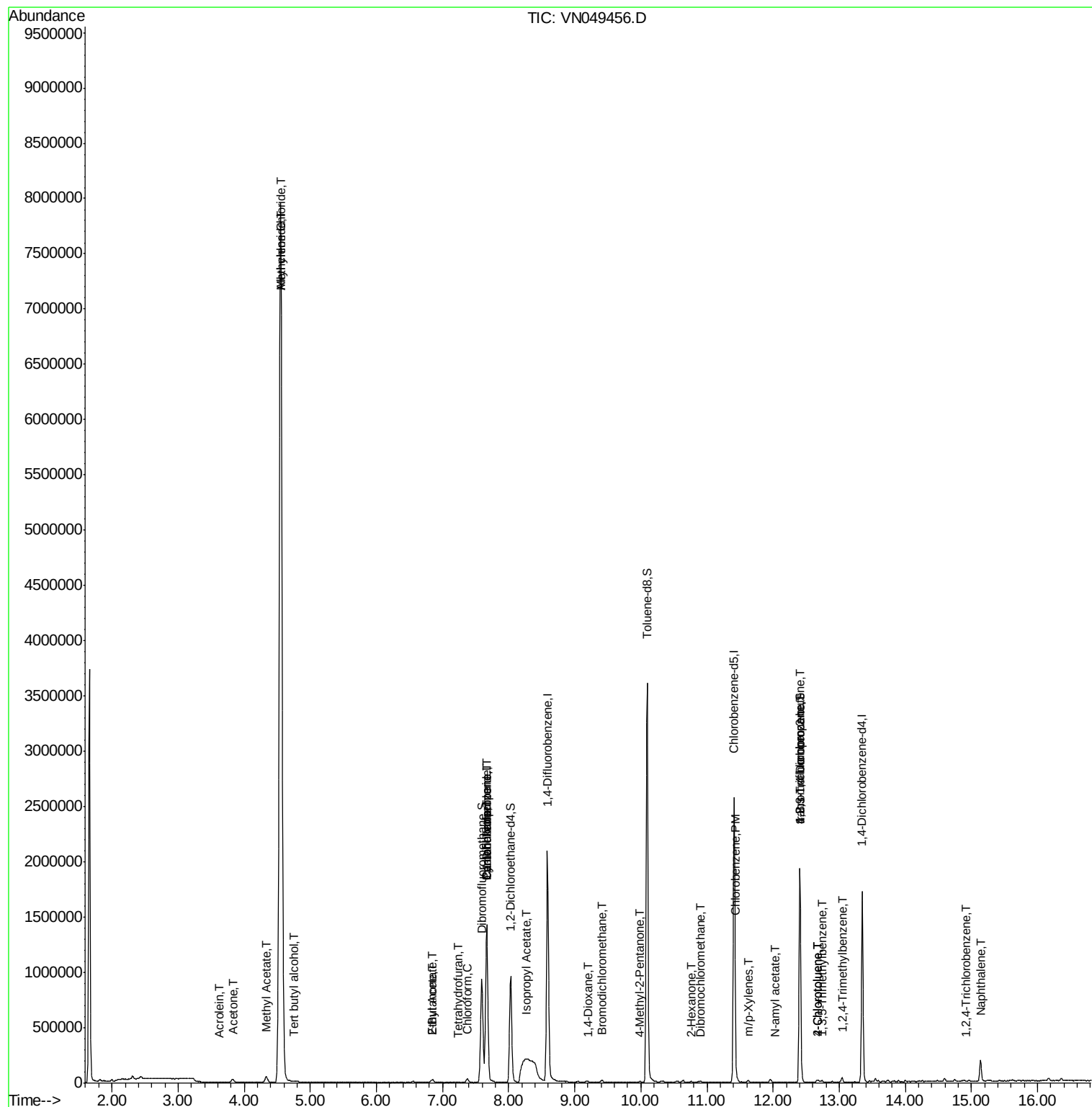
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

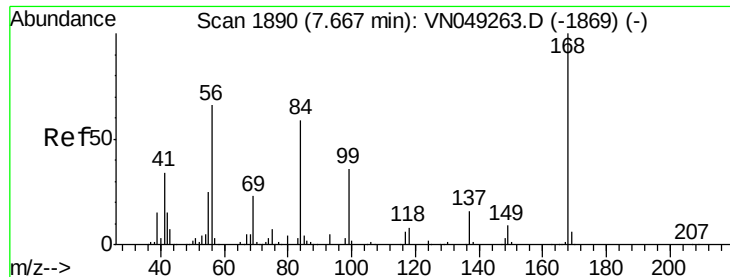
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

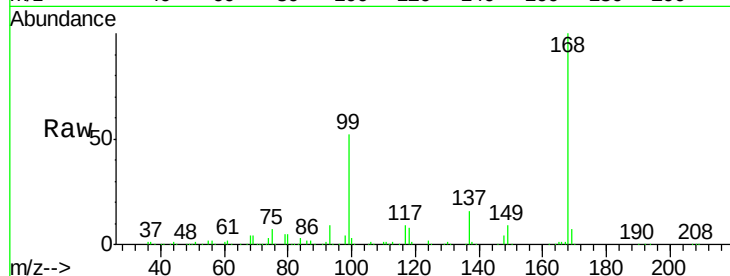
ClientSampleId :

Tot Ion:168 Resp: 1220855

Ion Ratio Lower Upper

168 100

99 51.9 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

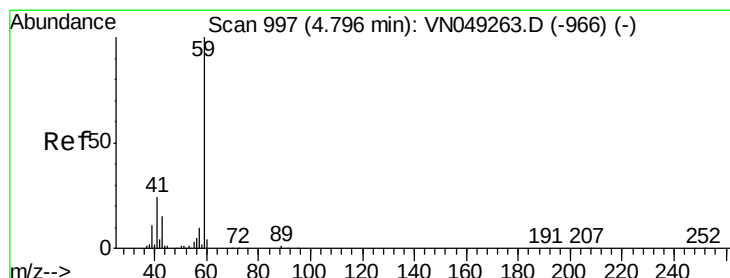
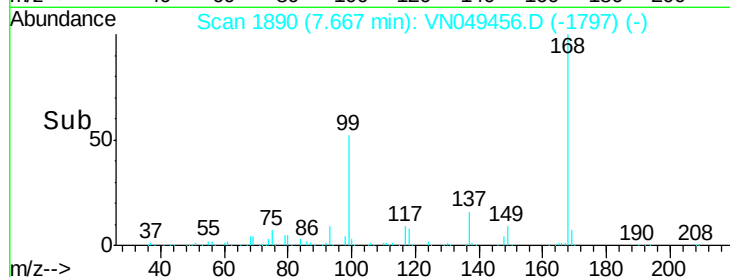
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.12 ug/l

RT: 4.75 min Scan# 983

Delta R.T. -0.05 min

Lab File: VN049456.D

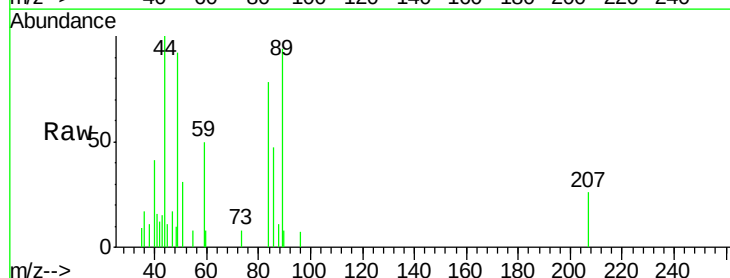
Acq: 20 Jun 2018 23:56

Tgt Ion: 59 Resp: 3915

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

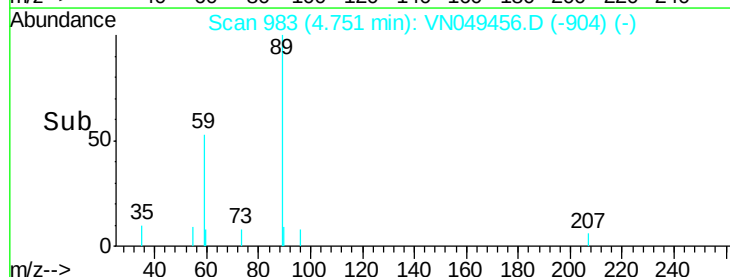
1500

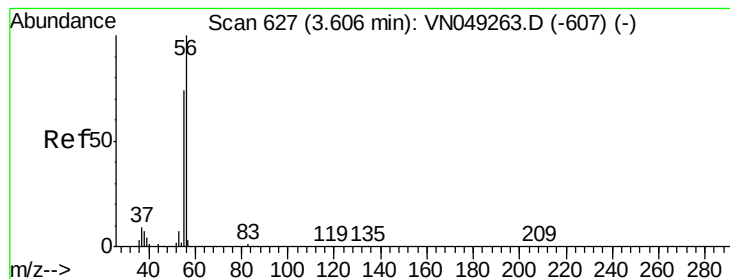
1000

500

0

Time-->





#13

Acrolein

Concen: 1.16 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

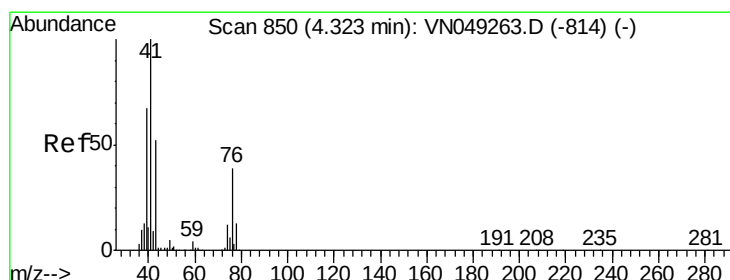
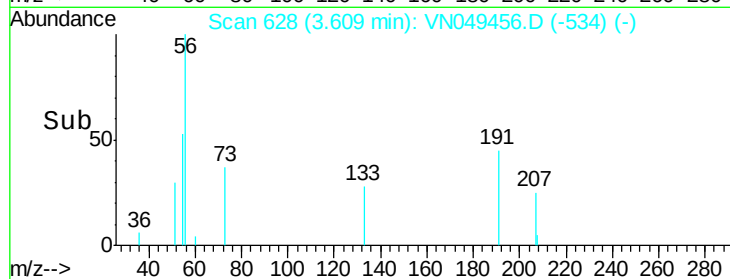
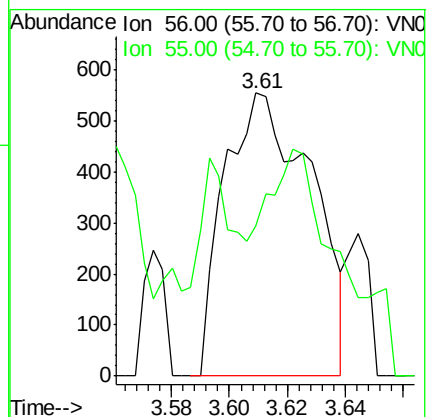
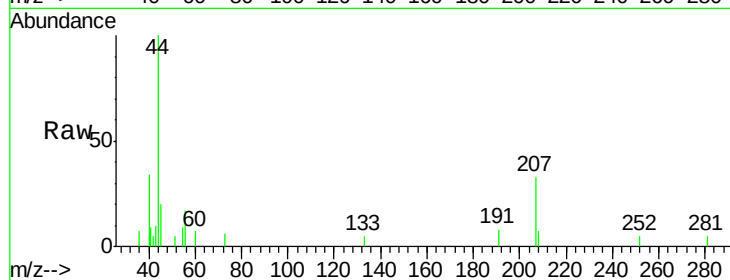
ClientSampleId :

Tot Ion: 56 Resp: 1160

Ion Ratio Lower Upper

56 100

55 70.1 57.1 85.7



#14

Allyl chloride

Concen: 9.52 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

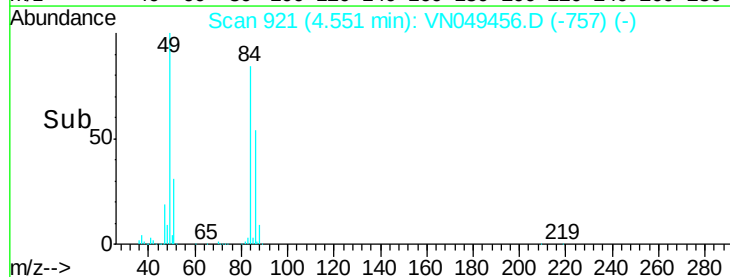
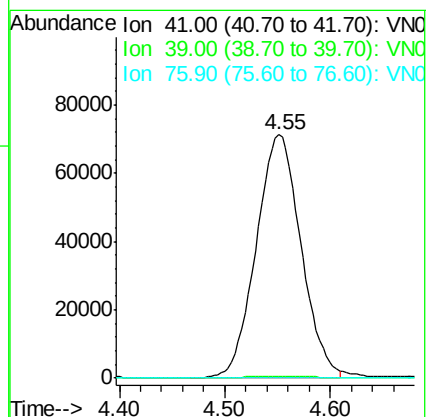
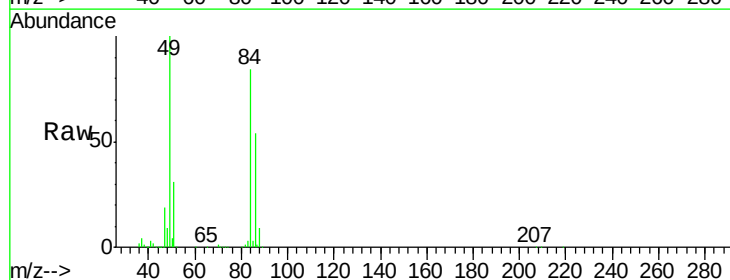
Tgt Ion: 41 Resp: 210346

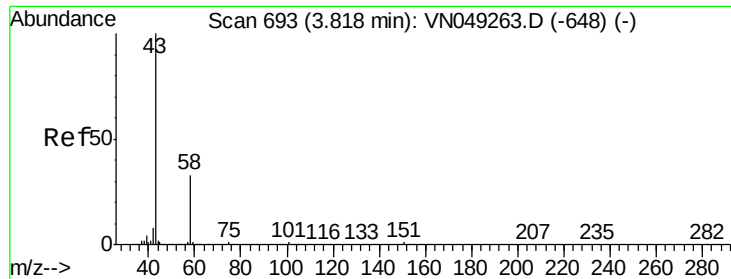
Ion Ratio Lower Upper

41 100

39 0.6 62.5 93.7#

76 0.0 27.1 40.7#





#16

Acetone

Concen: 12.88 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

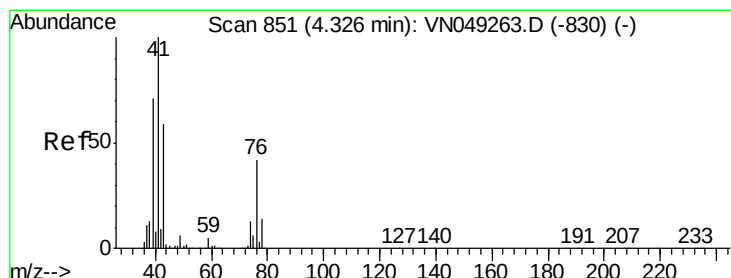
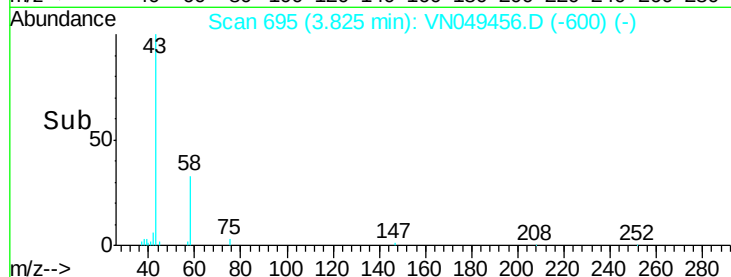
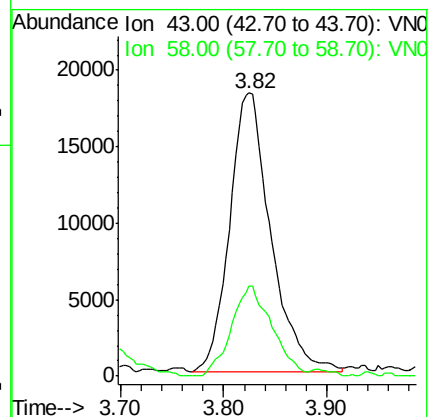
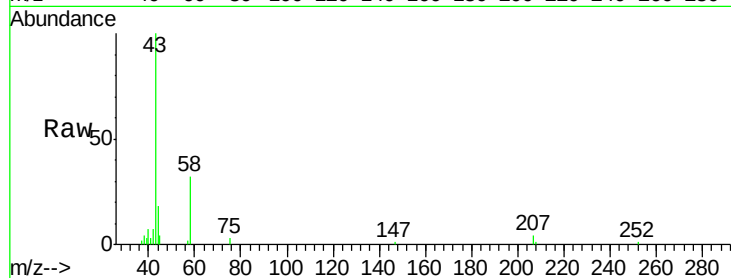
ClientSampled :

Tot Ion: 43 Resp: 50654

Ion Ratio Lower Upper

43 100

58 32.4 22.4 33.6



#18

Methyl Acetate

Concen: 8.74 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049456.D

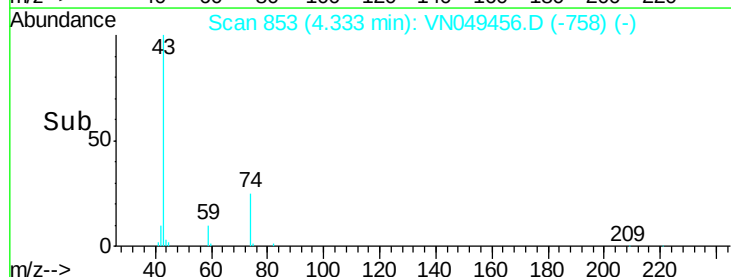
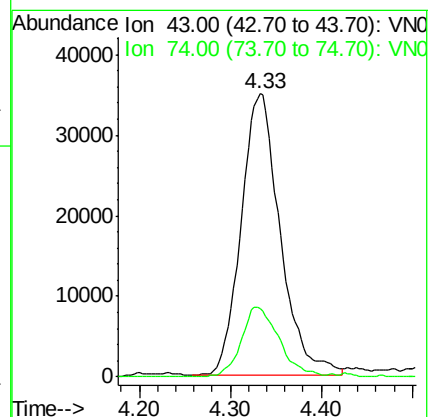
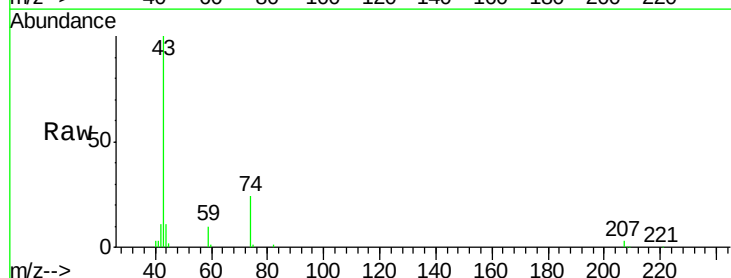
Acq: 20 Jun 2018 23:56

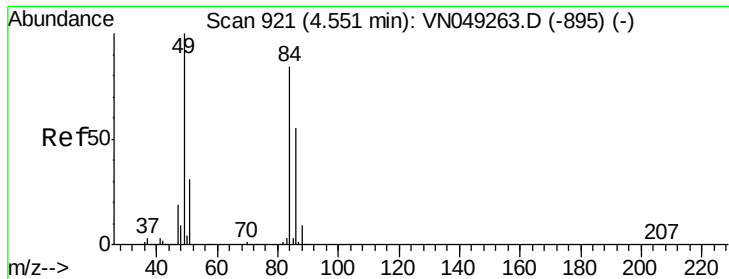
Tgt Ion: 43 Resp: 104762

Ion Ratio Lower Upper

43 100

74 24.0 17.4 26.0

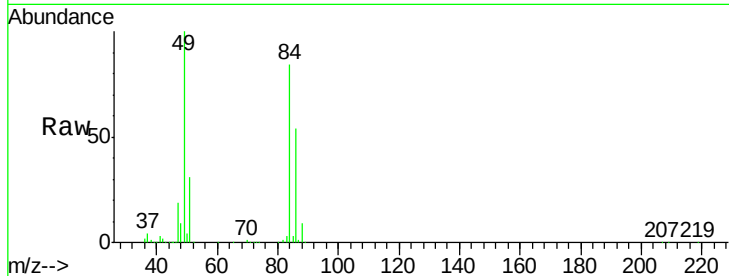




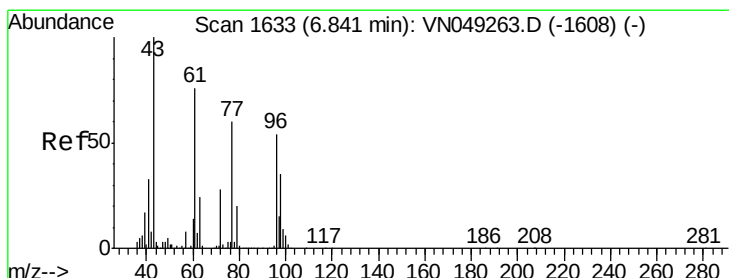
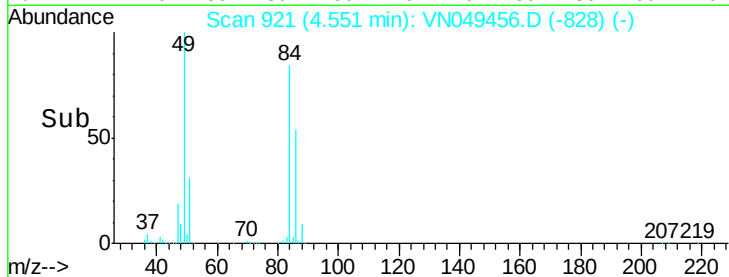
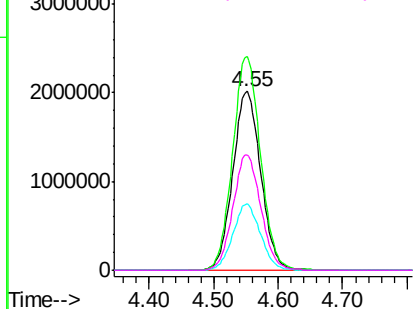
#20
Methylene Chloride
Concen: 371.24 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 6095914
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 37.1 32.7 49.1
86 64.8 49.8 74.8

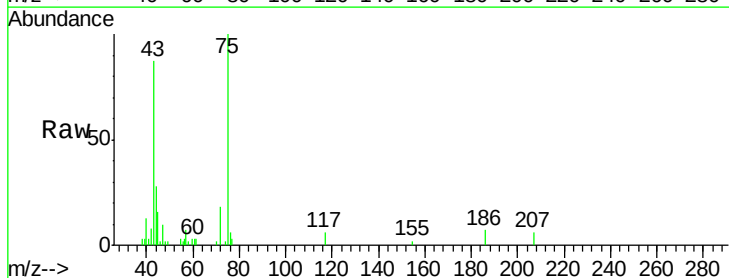


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

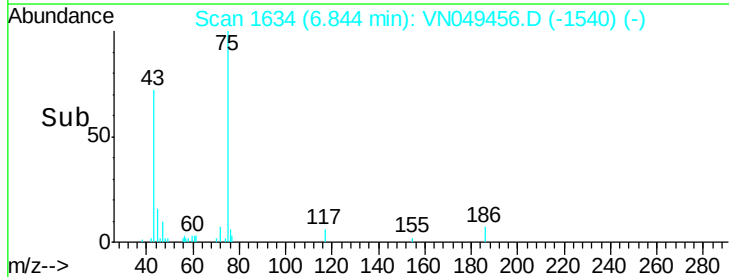
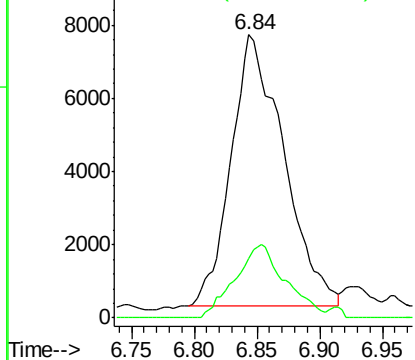


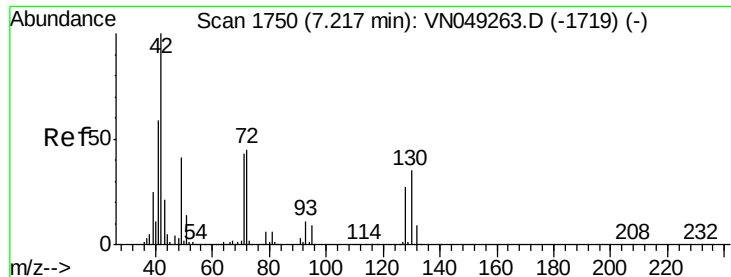
#25
2-Butanone
Concen: 4.10 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

Tgt Ion: 43 Resp: 21648
Ion Ratio Lower Upper
43 100
72 22.1 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: 0.61 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

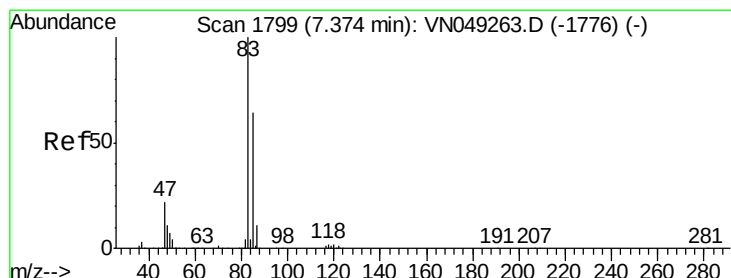
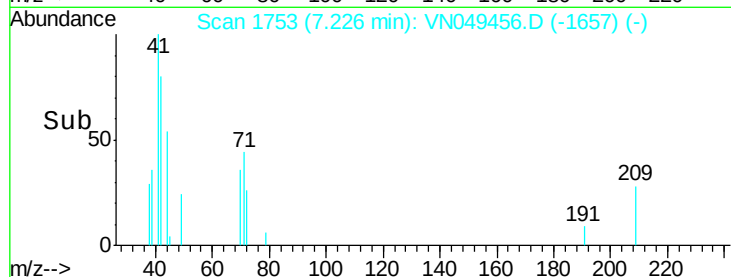
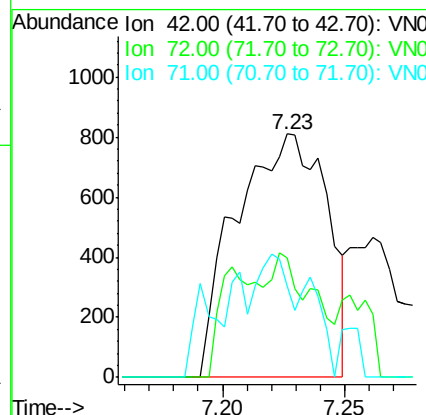
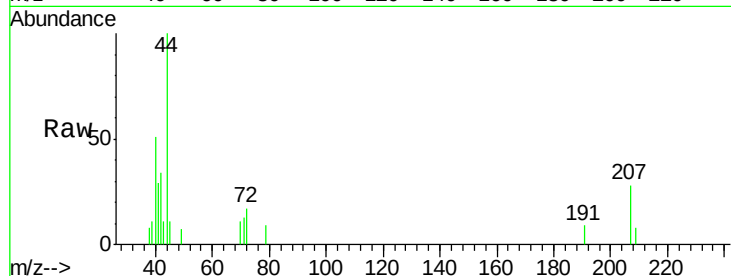
Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 2089

Ion	Ratio	Lower	Upper
42	100		
72	24.5	32.2	48.4#
71	8.9	30.5	45.7#



#30

Chloroform

Concen: 1.26 ug/l

RT: 7.37 min Scan# 1799

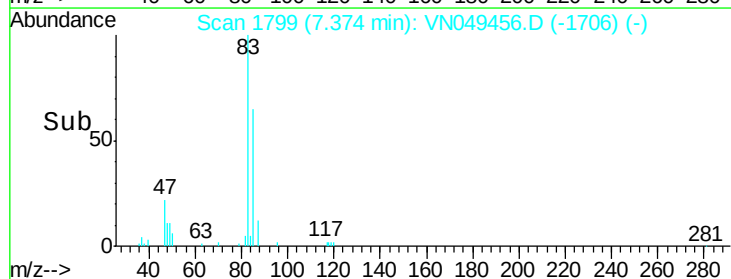
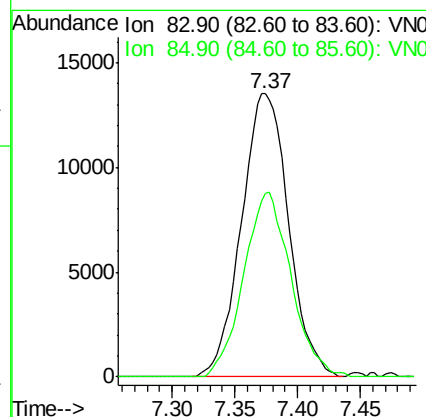
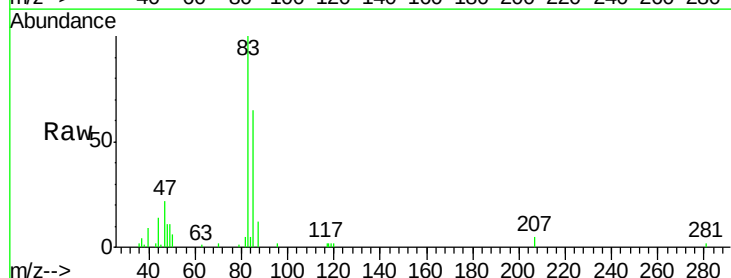
Delta R.T. 0.00 min

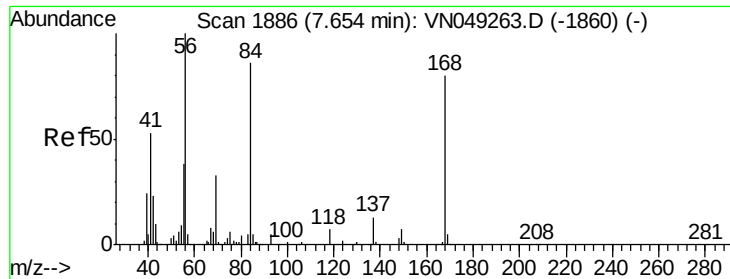
Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Tgt Ion: 83 Resp: 35322

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5





#31

Cyclohexane

Concen: 0.76 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

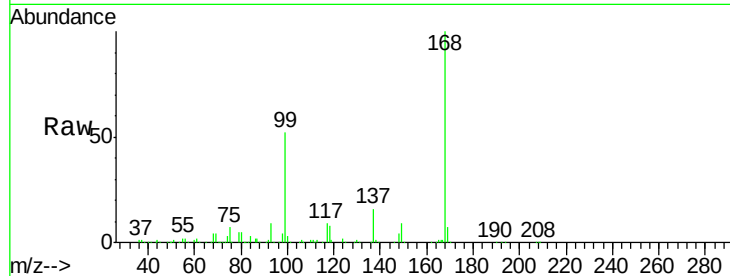
Tot Ion: 56 Resp: 22255

Ion Ratio Lower Upper

56 100

69 187.5 25.0 37.4#

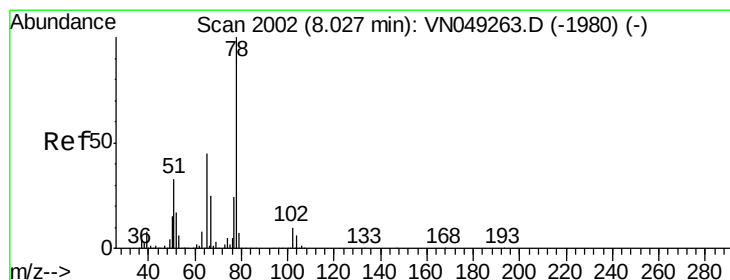
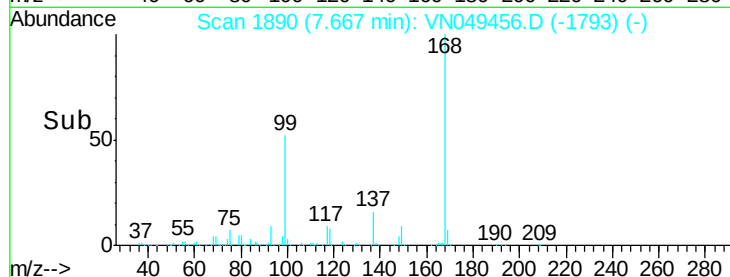
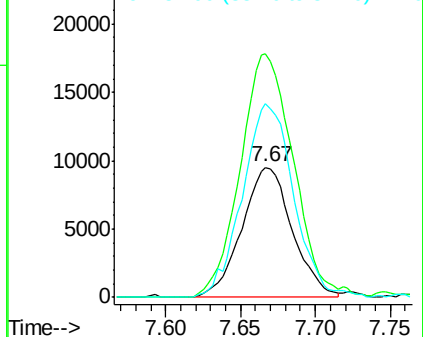
84 149.3 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049263.D (-1860) (-)

Ion 69.00 (68.70 to 69.70): VN049263.D (-1860) (-)

Ion 84.00 (83.70 to 84.70): VN049263.D (-1860) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.70 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049456.D

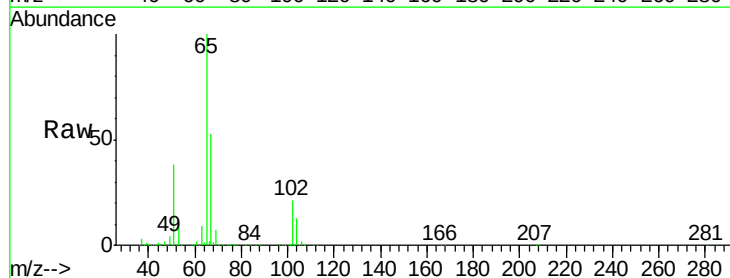
Acq: 20 Jun 2018 23:56

Tgt Ion: 65 Resp: 821027

Ion Ratio Lower Upper

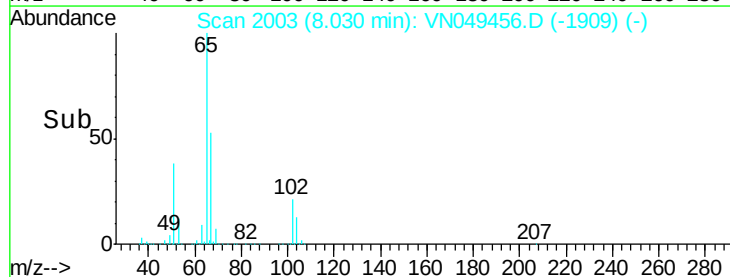
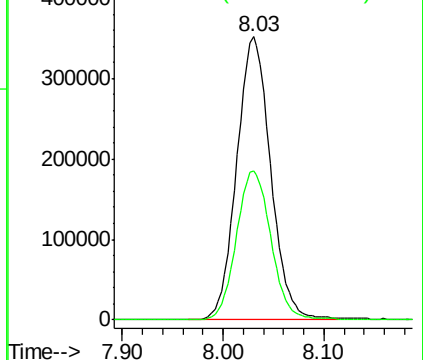
65 100

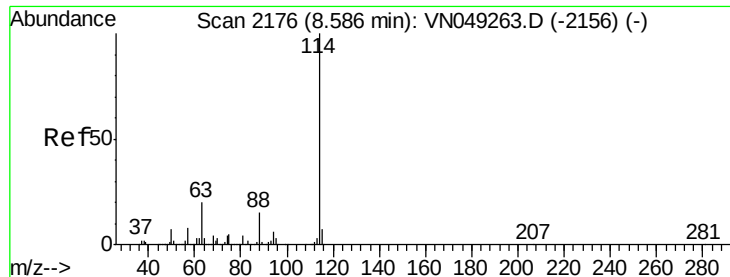
67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049263.D (-1980) (-)

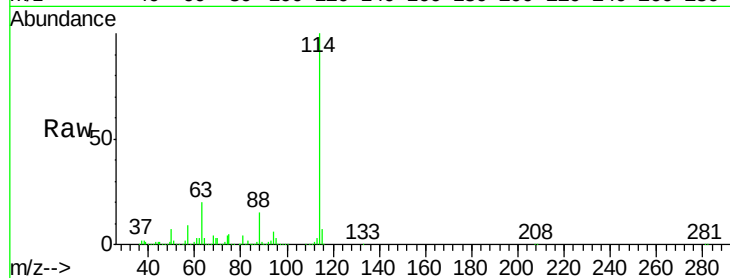




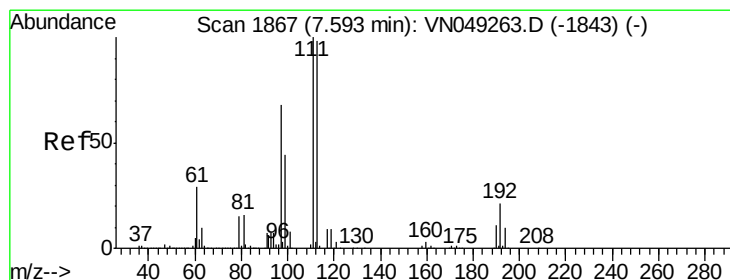
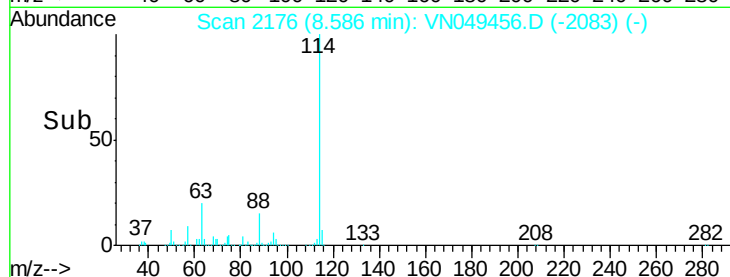
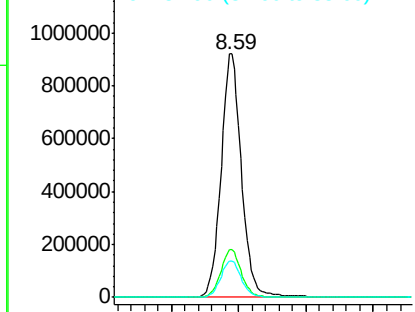
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049456.D
 Acq: 20 Jun 2018 23:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 1949734
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.0 0.0 31.4

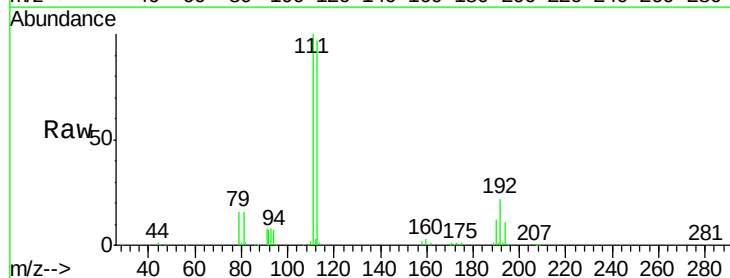


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

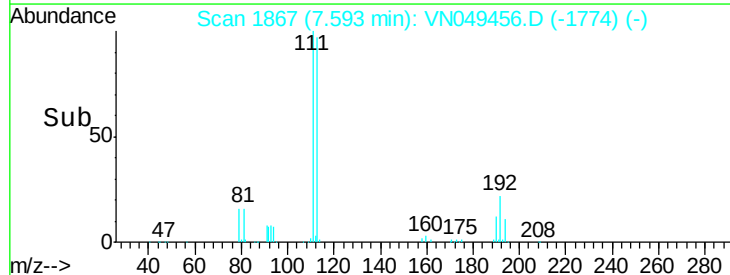
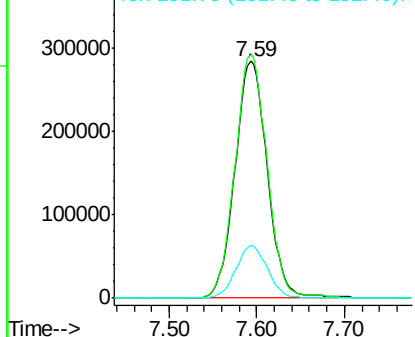


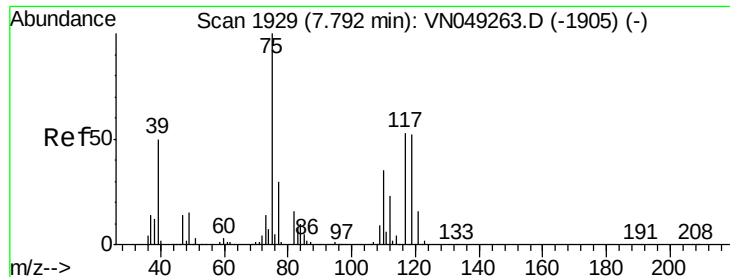
#35
 Dibromofluoromethane
 Concen: 46.23 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049456.D
 Acq: 20 Jun 2018 23:56

Tgt Ion:113 Resp: 729310
 Ion Ratio Lower Upper
 113 100
 111 102.5 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: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

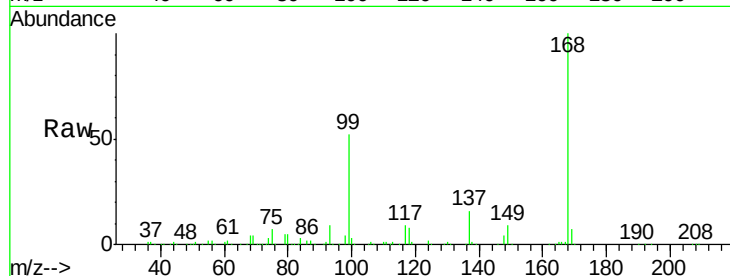
Tot Ion: 75 Resp: 87478

Ion Ratio Lower Upper

75 100

110 2.4 17.0 50.9#

77 0.1 24.4 36.6#

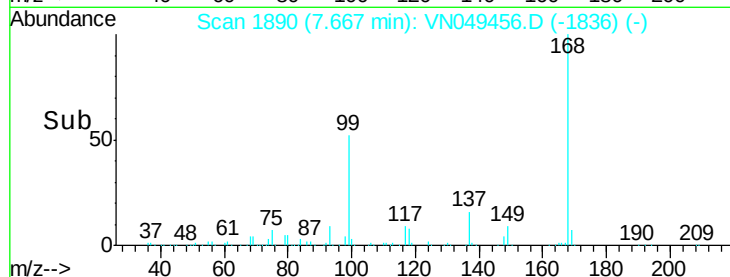


Abundance Ion 74.90 (74.60 to 75.60): VN049456.D (-1836) (-)

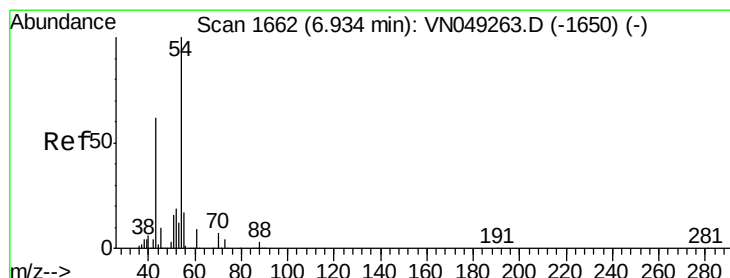
Ion 109.90 (109.60 to 110.60): VN049456.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049456.D (-1836) (-)

Time-->



Time-->



#37

Ethyl Acetate

Concen: 1.78 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.09 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

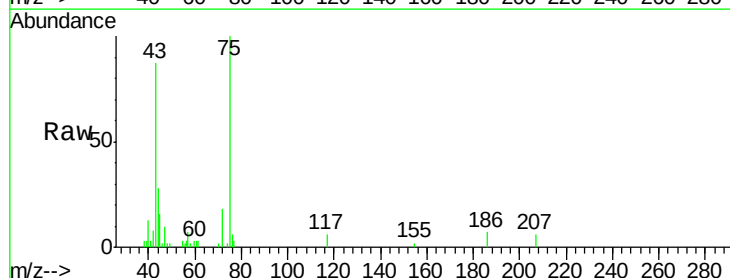
Tgt Ion: 43 Resp: 21648

Ion Ratio Lower Upper

43 100

61 1.7 11.0 16.4#

70 0.4 7.2 10.8#

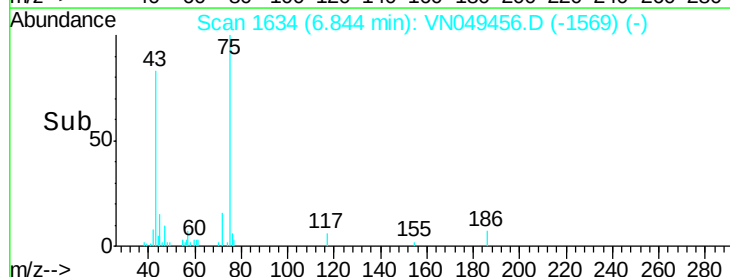


Abundance Ion 43.00 (42.70 to 43.70): VN049456.D (-1569) (-)

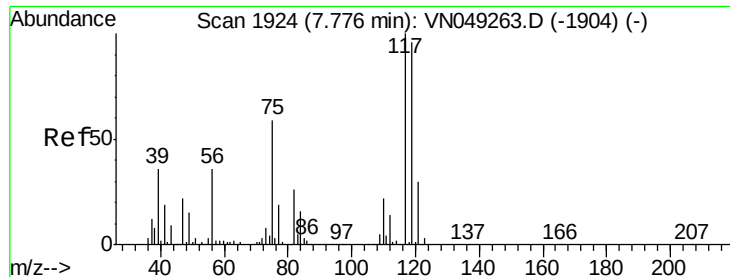
Ion 60.90 (60.60 to 61.60): VN049456.D (-1569) (-)

Ion 70.00 (69.70 to 70.70): VN049456.D (-1569) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 4.75 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

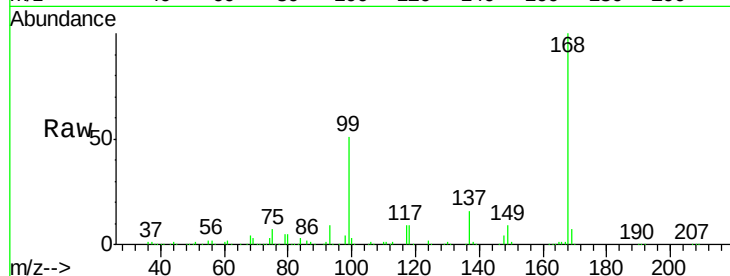
Tot Ion:117 Resp: 109782

Ion Ratio Lower Upper

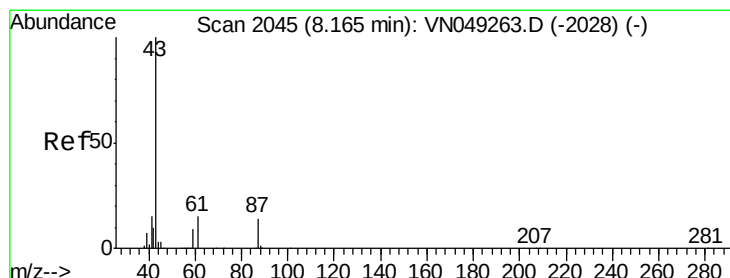
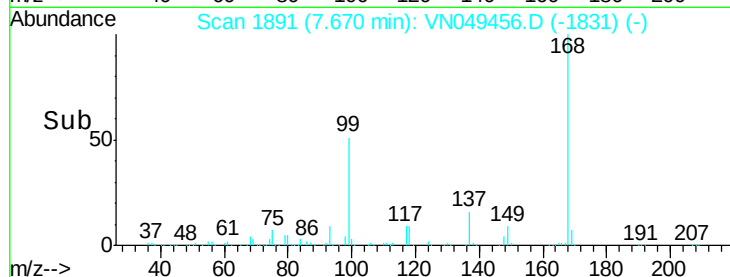
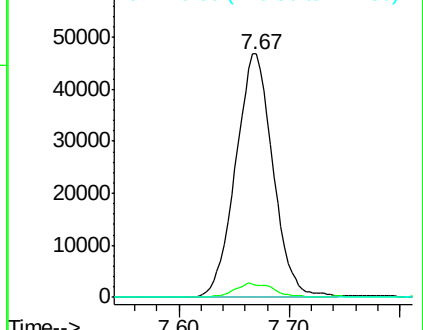
117 100

119 5.1 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: 17.74 ug/l

RT: 8.26 min Scan# 2076

Delta R.T. 0.10 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

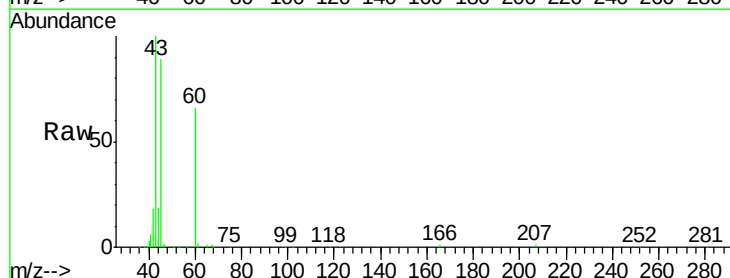
Tgt Ion: 43 Resp: 411872

Ion Ratio Lower Upper

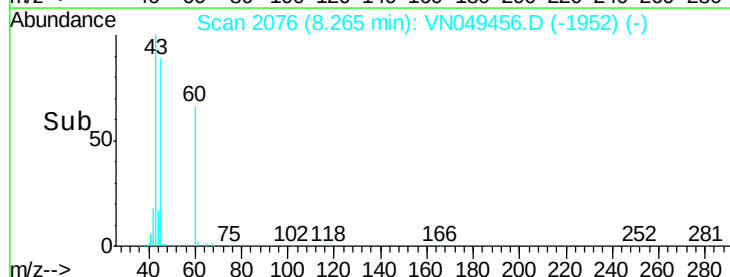
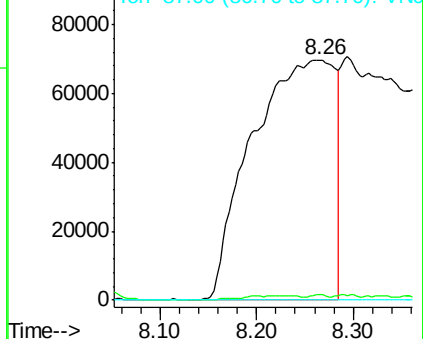
43 100

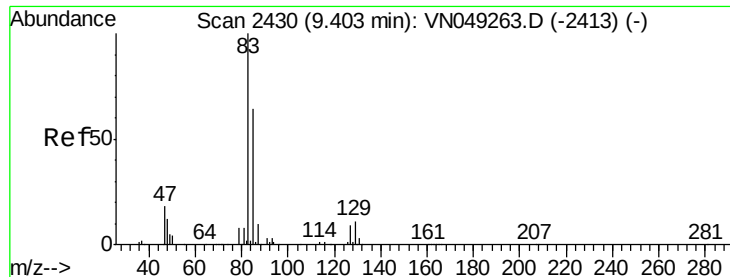
61 0.1 14.2 21.4#

87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.62 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

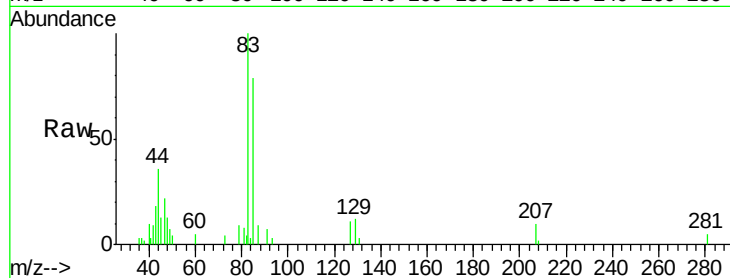
Tot Ion: 83 Resp: 14152

Ion Ratio Lower Upper

83 100

85 79.3 49.4 74.0#

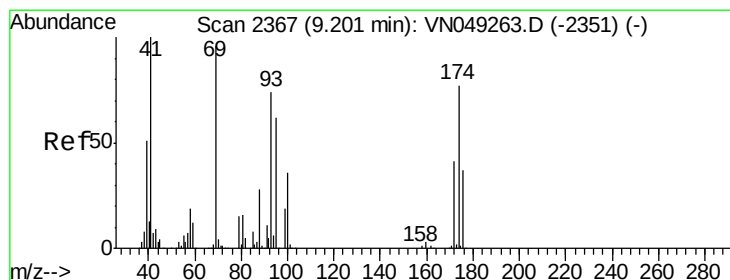
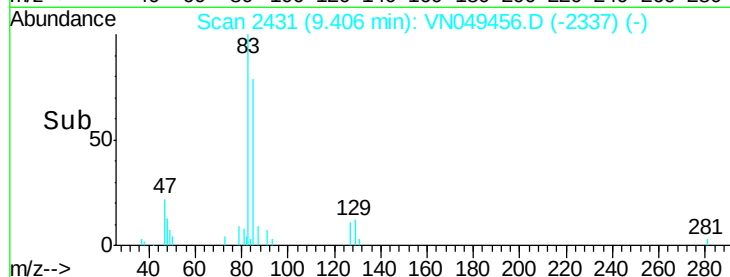
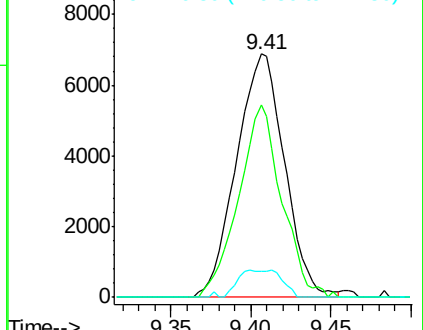
127 10.6 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN049456.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049456.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049456.D (-2337) (-)



#49

1,4-Dioxane

Concen: 0.44 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.02 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

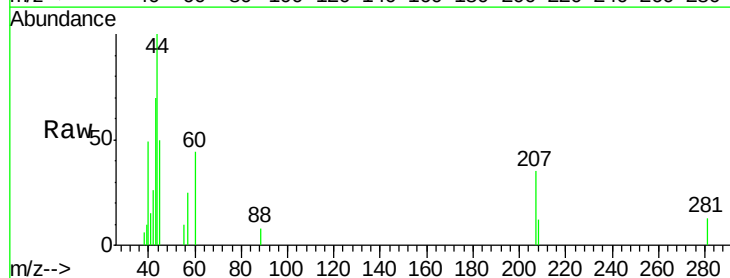
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

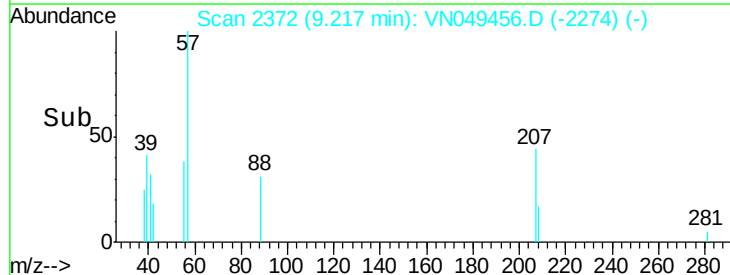
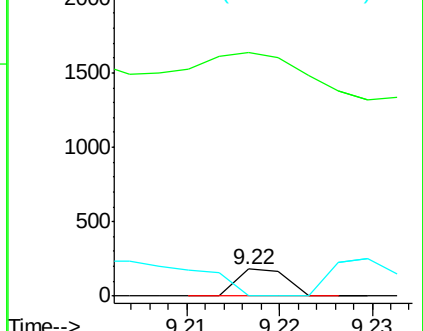
58 0.0 58.9 88.3#

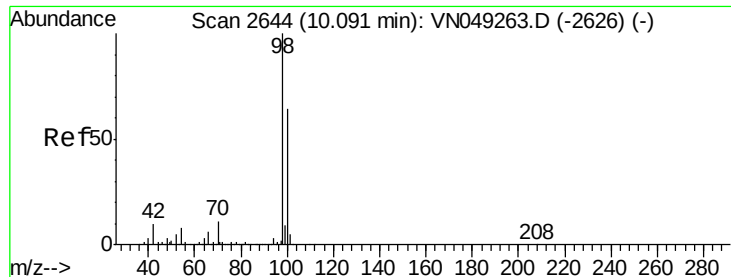


Abundance Ion 88.00 (87.70 to 88.70): VN049456.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049456.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049456.D (-2274) (-)





#50

Toluene-d8

Concen: 43.96 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

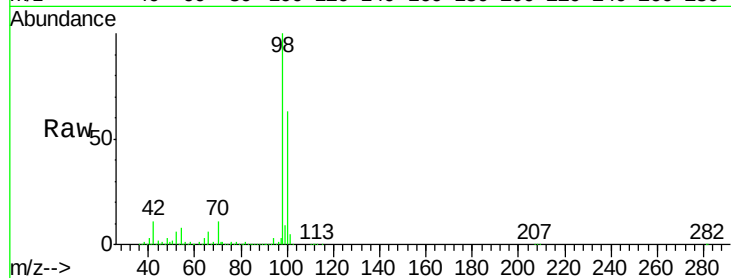
ClientSampled :

Tot Ion: 98 Resp: 2640259

Ion Ratio Lower Upper

98 100

100 63.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

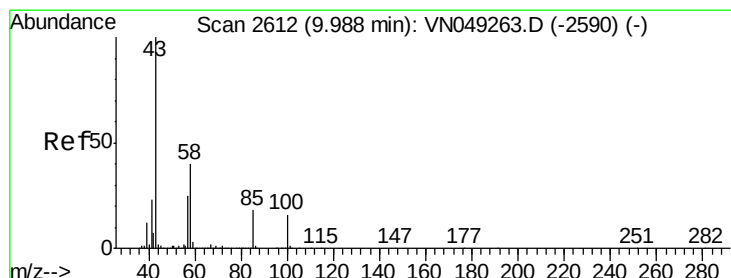
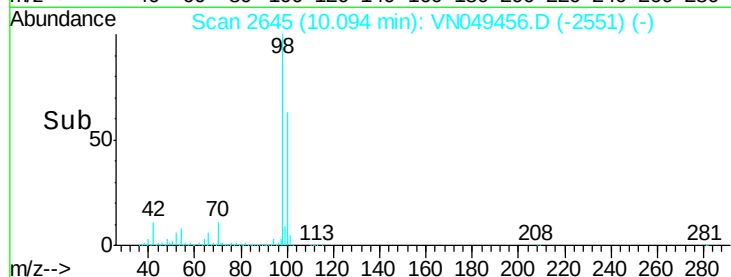
1000000

500000

0

10.09

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.46 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049456.D

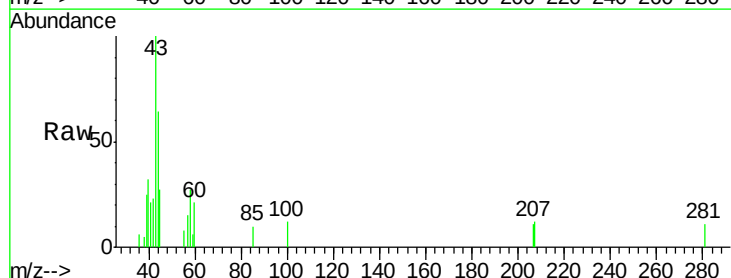
Acq: 20 Jun 2018 23:56

Tgt Ion: 43 Resp: 5624

Ion Ratio Lower Upper

43 100

58 39.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

4000

3000

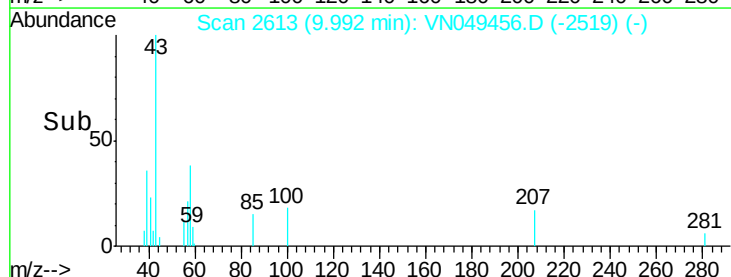
2000

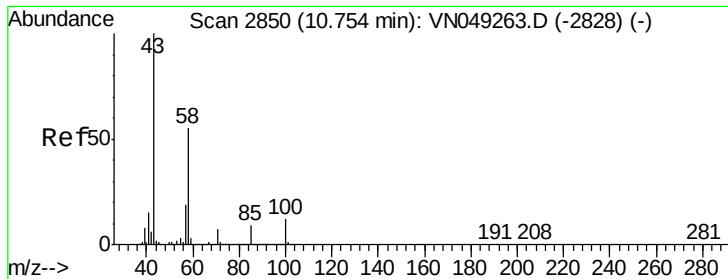
1000

0

9.99

Time-->





#59

2-Hexanone

Concen: 0.58 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

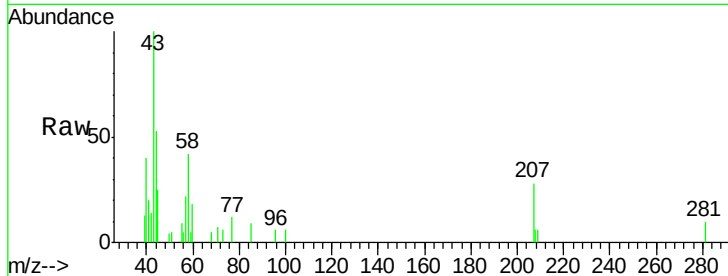
ClientSampled :

Tot Ion: 43 Resp: 4558

Ion Ratio Lower Upper

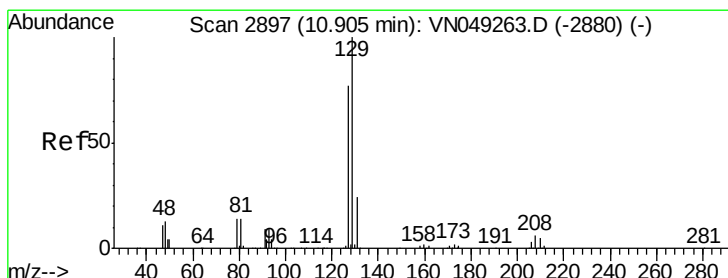
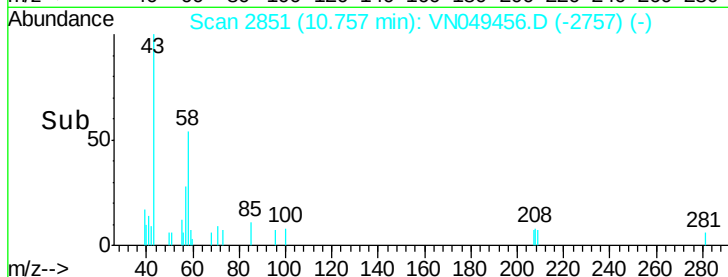
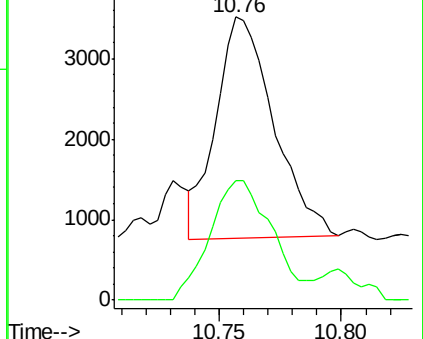
43 100

58 57.6 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN049456.D (-2757) (-)

Ion 58.00 (57.70 to 58.70): VN049456.D (-2757) (-)



#60

Dibromochloromethane

Concen: 0.27 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. -0.00 min

Lab File: VN049456.D

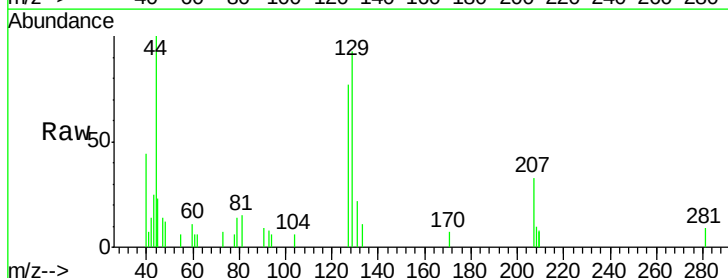
Acq: 20 Jun 2018 23:56

Tgt Ion: 129 Resp: 4521

Ion Ratio Lower Upper

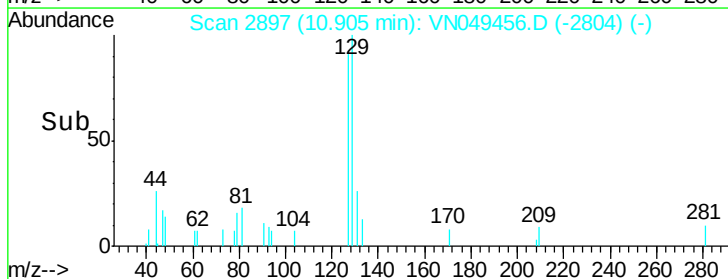
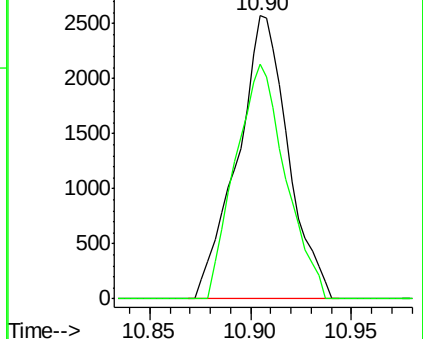
129 100

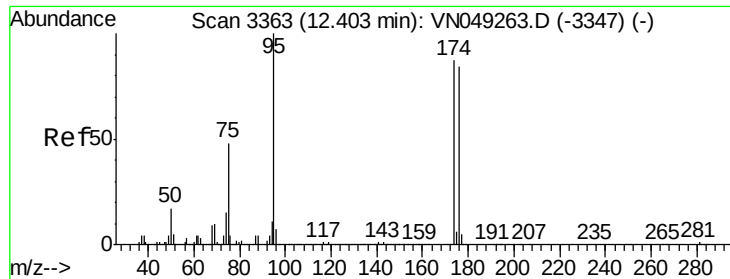
127 81.9 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): VN049456.D (-2804) (-)

Ion 126.80 (126.50 to 127.50): VN049456.D (-2804) (-)

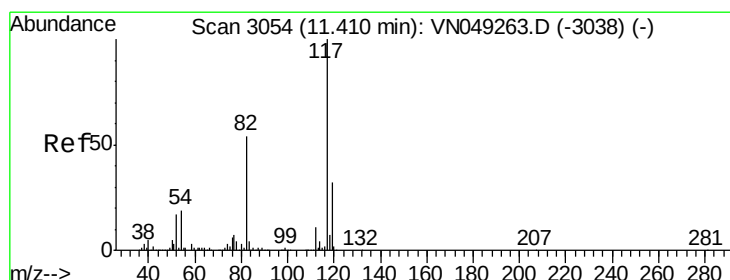
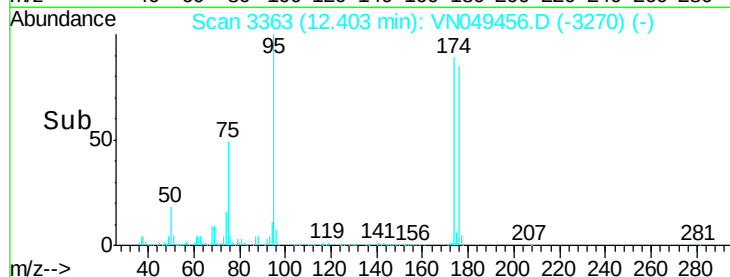
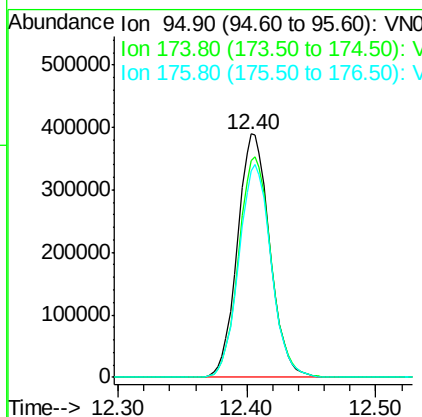
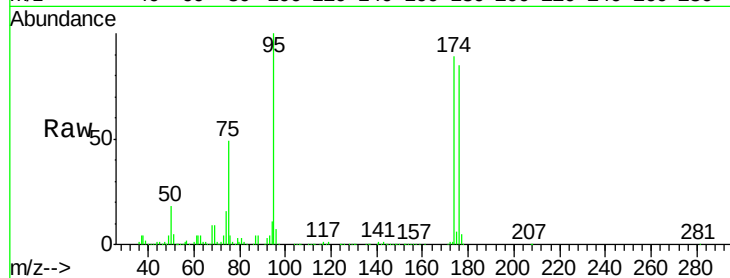




#62
4-Bromofluorobenzene
Concen: 34.22 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

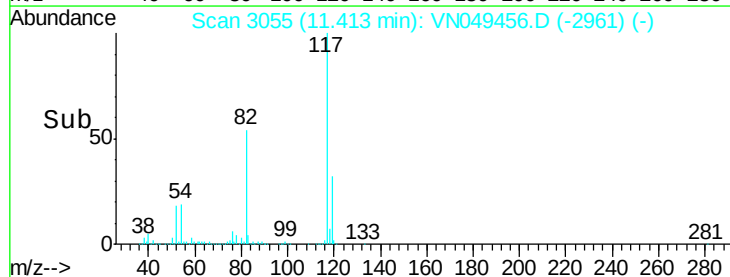
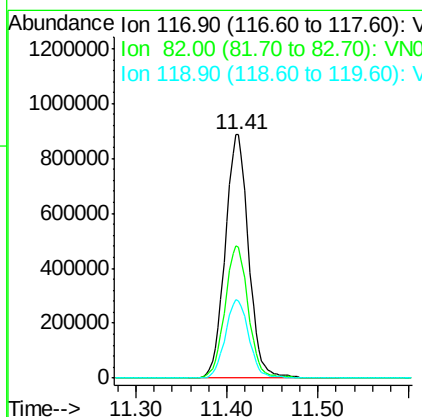
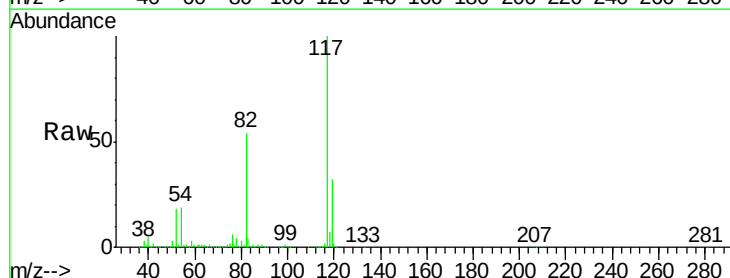
Instrument :
MSVOA_N
ClientSampleId :

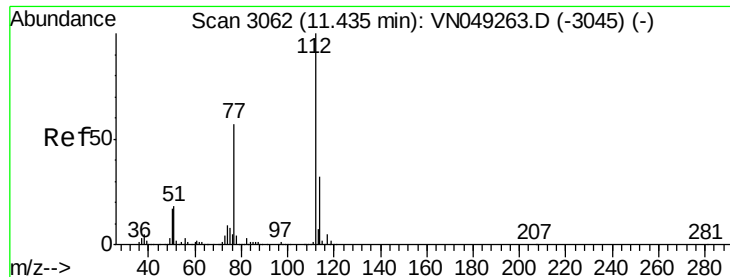
Tot Ion: 95 Resp: 679519
Ion Ratio Lower Upper
95 100
174 90.8 0.0 165.6
176 87.4 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

Tgt Ion: 117 Resp: 1579177
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 31.8 25.5 38.3

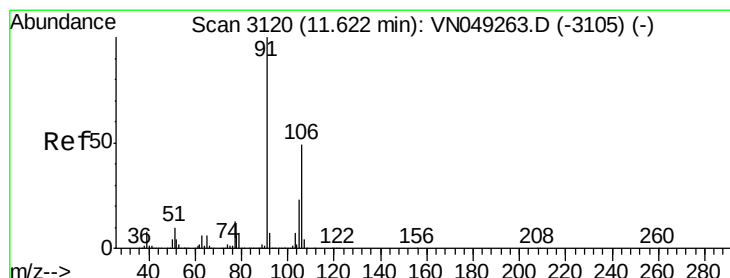
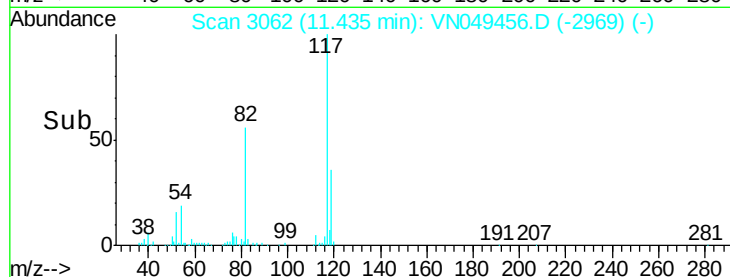
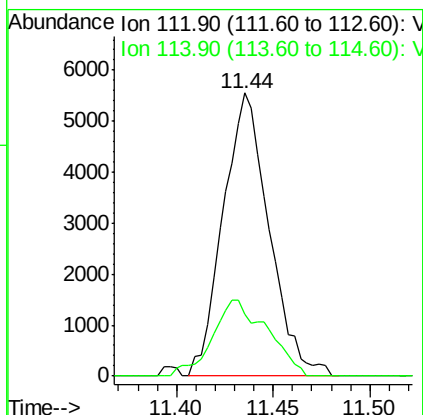
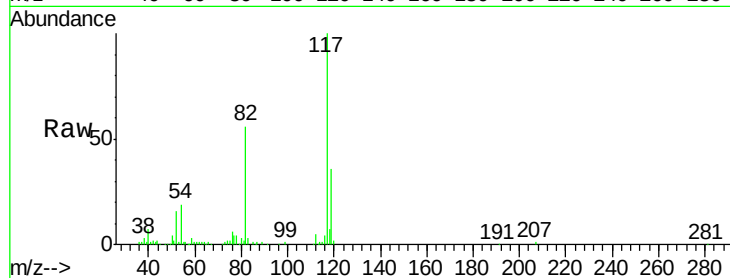




#65
Chlorobenzene
Concen: 0.23 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

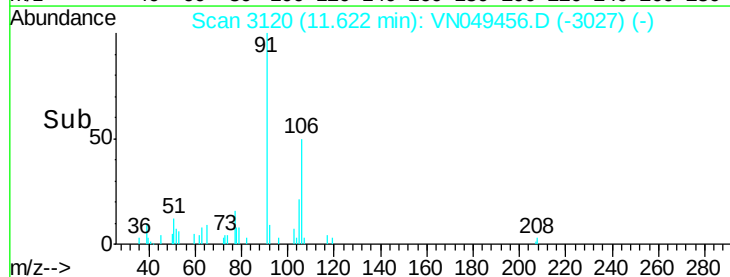
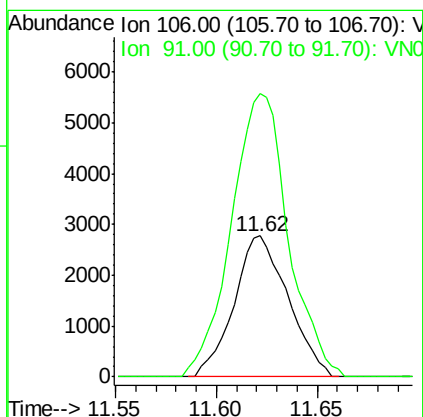
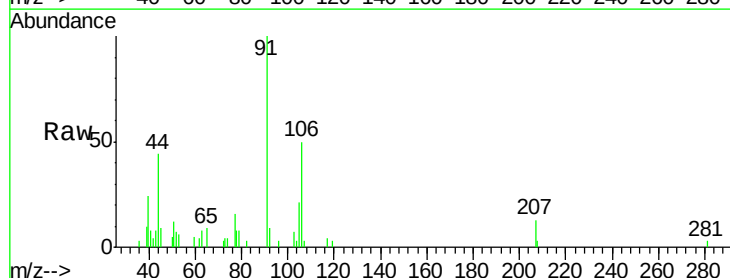
Instrument :
MSVOA_N
ClientSampled :

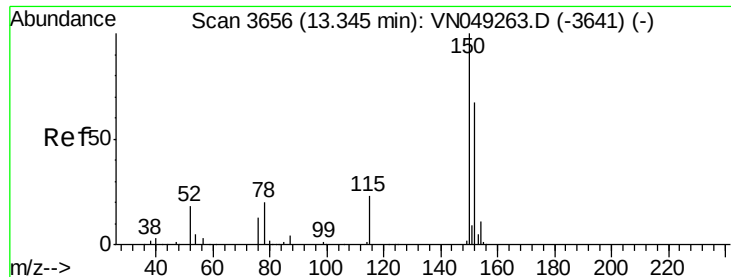
Tot Ion:112 Resp: 9182
Ion Ratio Lower Upper
112 100
114 21.7 26.2 39.4#



#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049456.D
Acq: 20 Jun 2018 23:56

Tgt Ion:106 Resp: 5178
Ion Ratio Lower Upper
106 100
91 211.5 167.3 250.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

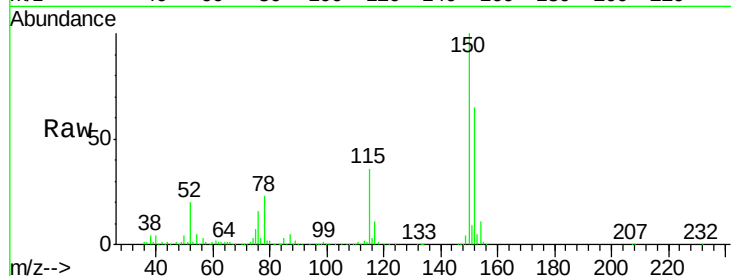
Tot Ion:152 Resp: 495443

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.1

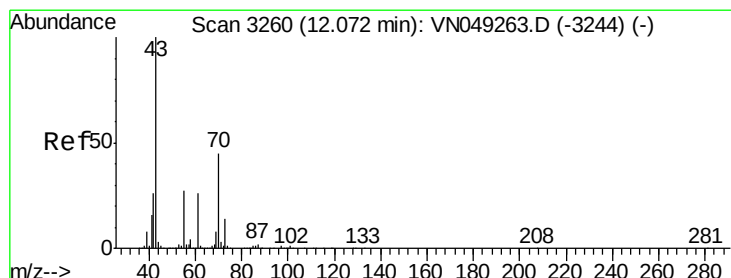
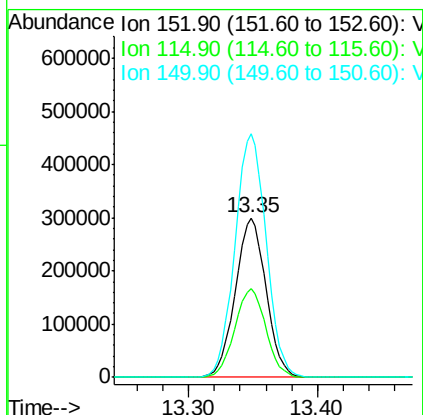
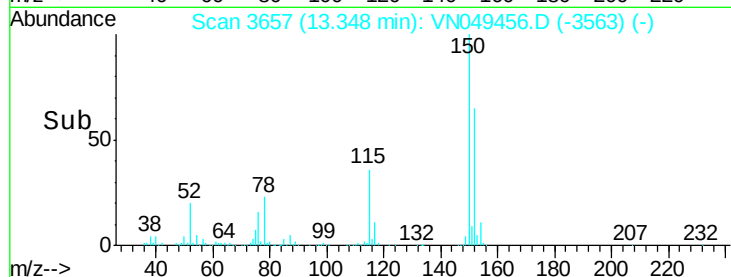
150 155.3 0.0 351.0



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-amil acetate

Concen: 0.35 ug/l

RT: 12.04 min Scan# 3249

Delta R.T. -0.04 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Tgt Ion: 43 Resp: 3768

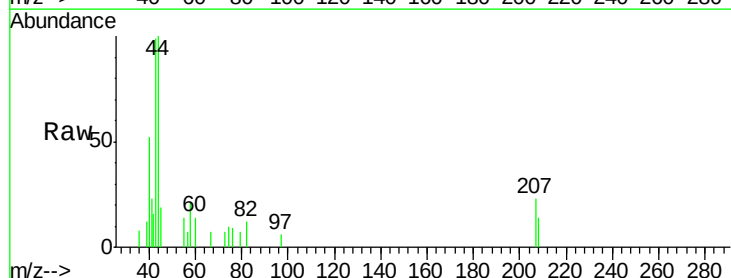
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 15.7 19.4 29.2#

61 0.0 17.8 26.6#

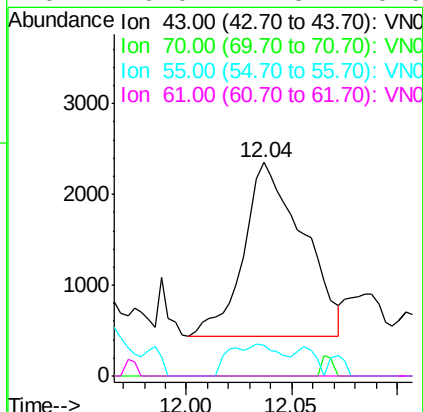
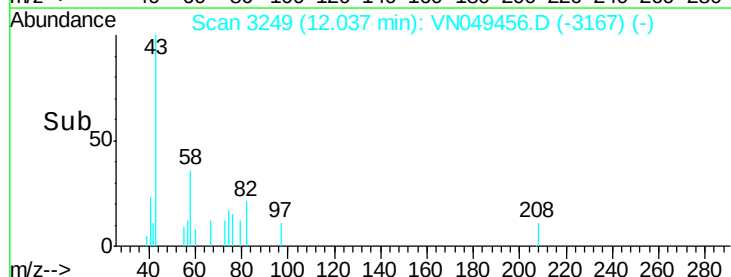


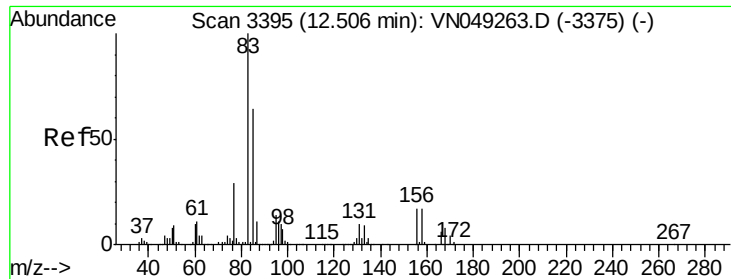
Abundance Ion 43.00 (42.70 to 43.70): V

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: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

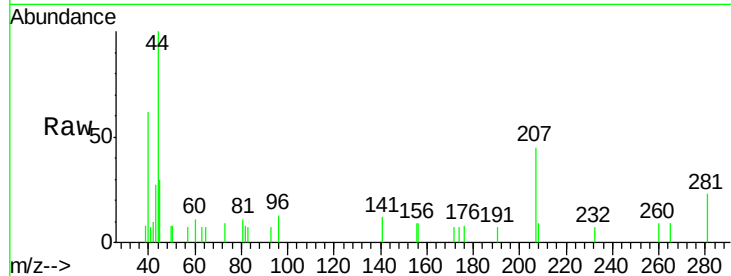
Tot Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

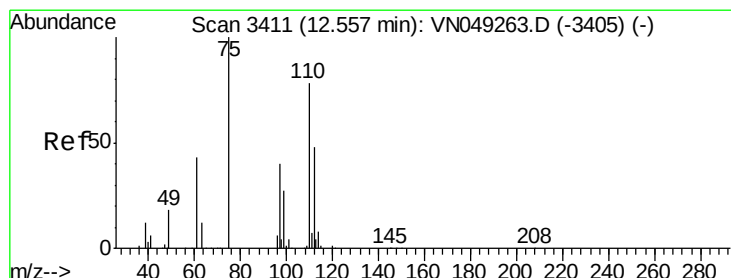
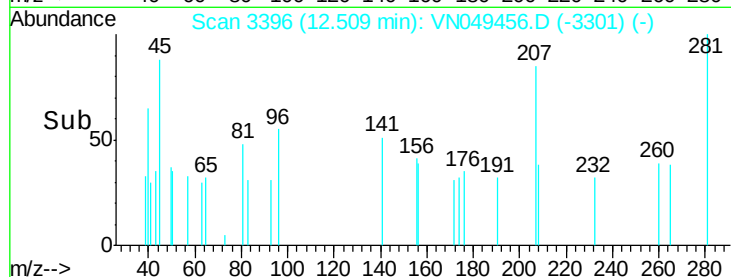
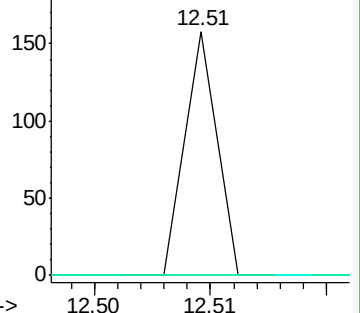
85 213.3 32.0 96.0#



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: 39.97 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049456.D

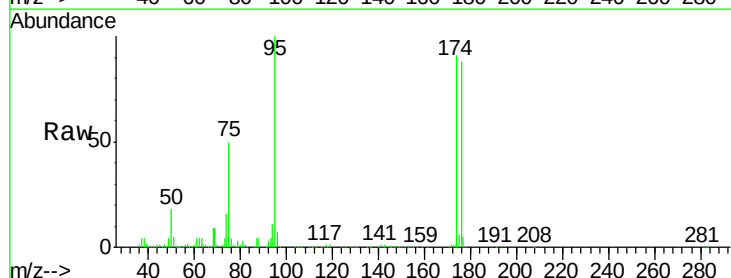
Acq: 20 Jun 2018 23:56

Tgt Ion: 75 Resp: 337903

Ion Ratio Lower Upper

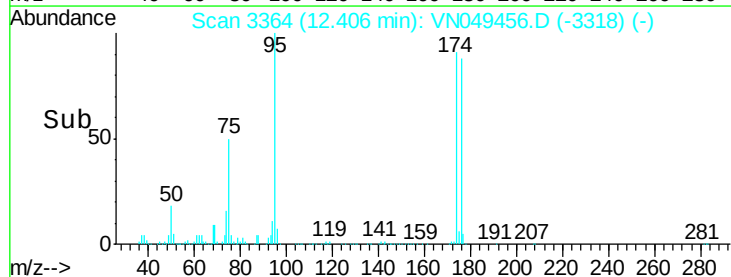
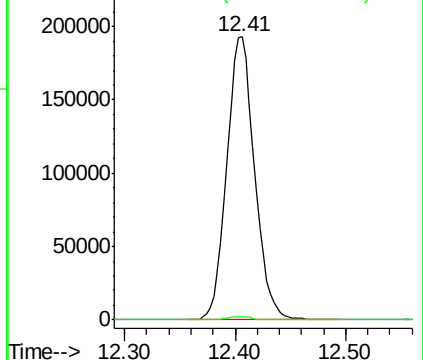
75 100

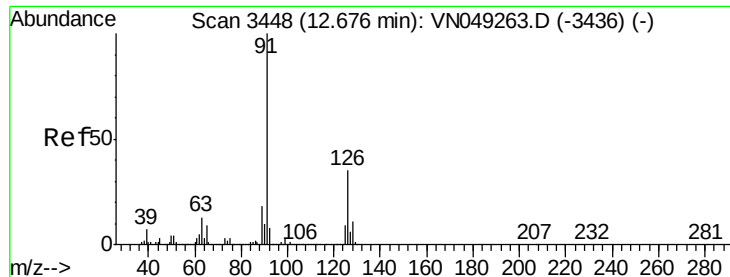
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#79

2-Chlorotoluene

Concen: 0.29 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

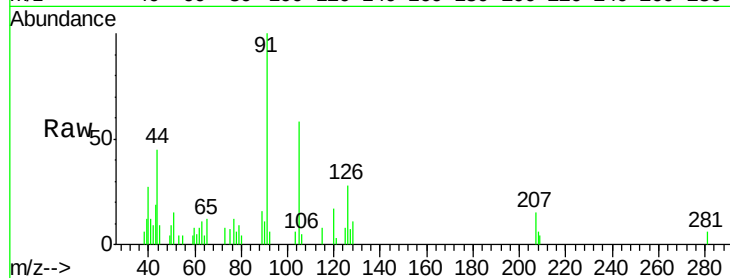
ClientSampleId :

Tot Ion: 91.00 Resp: 8759

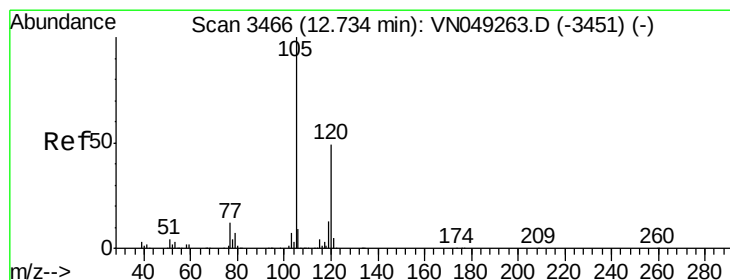
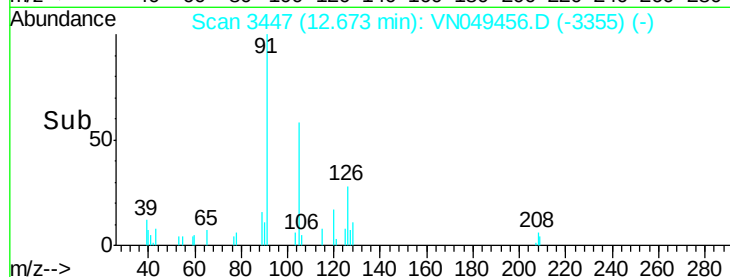
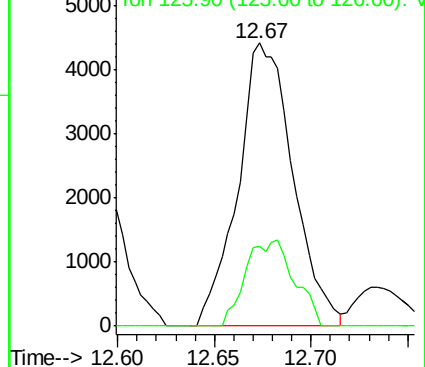
Ion Ratio Lower Upper

91 100

126 26.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049456.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049456.D

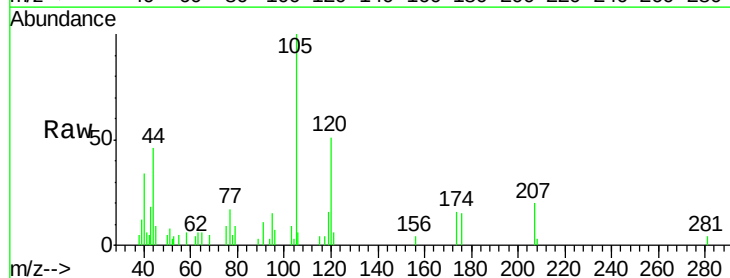
Acq: 20 Jun 2018 23:56

Tgt Ion: 105 Resp: 7170

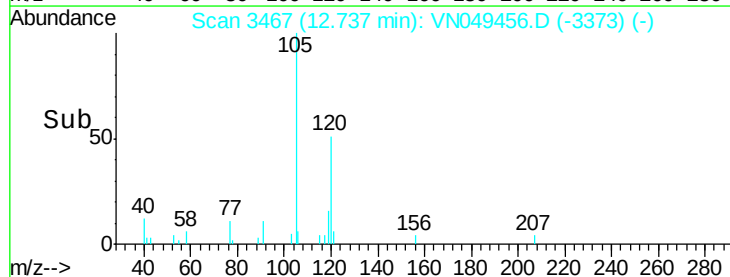
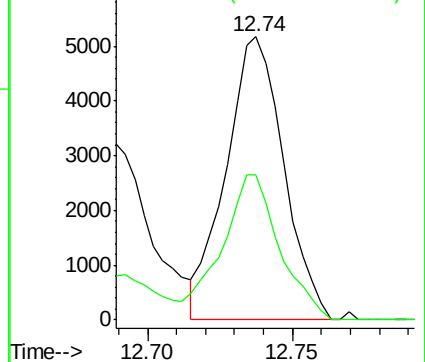
Ion Ratio Lower Upper

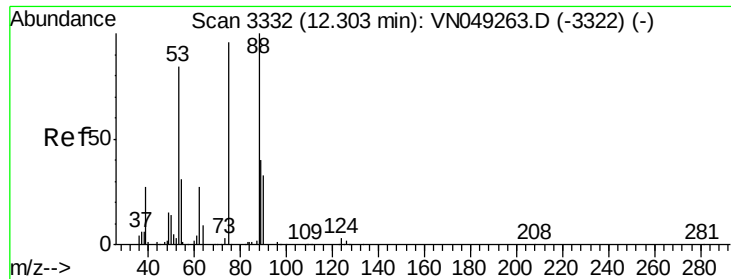
105 100

120 51.1 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049456.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 126.33 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

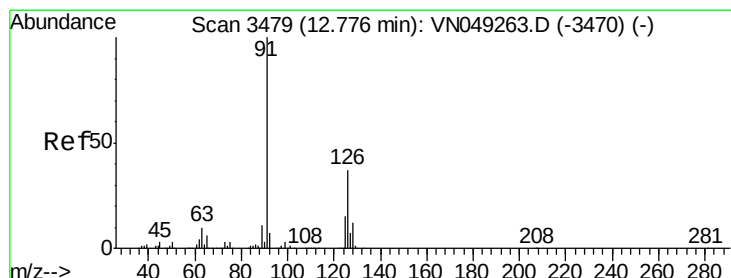
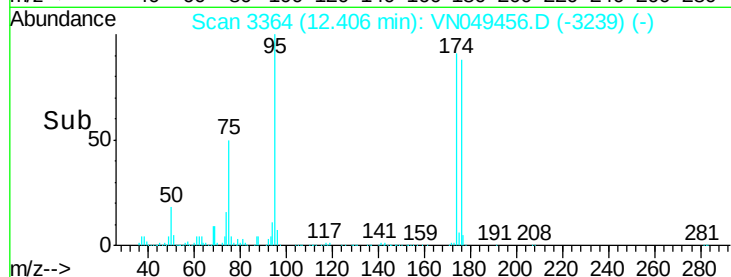
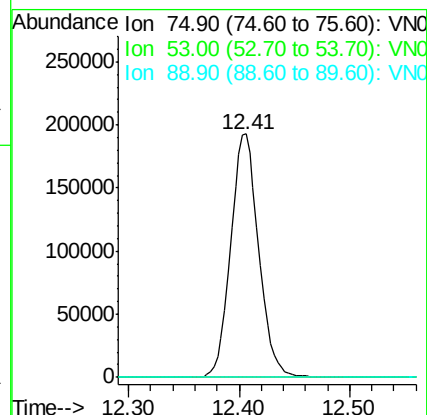
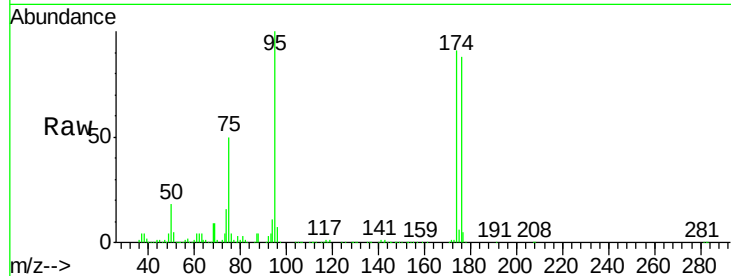
Tot Ion: 75 Resp: 337903

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

89 0.0 36.5 54.7#



#82

4-Chlorotoluene

Concen: 0.30 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.10 min

Lab File: VN049456.D

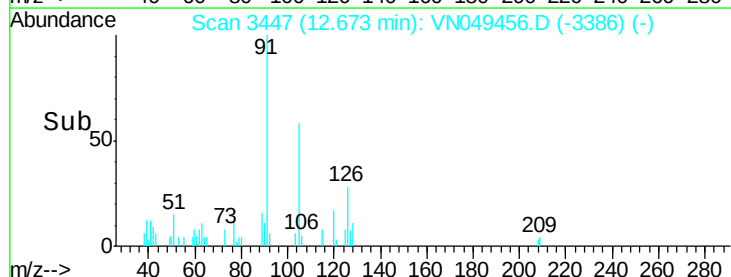
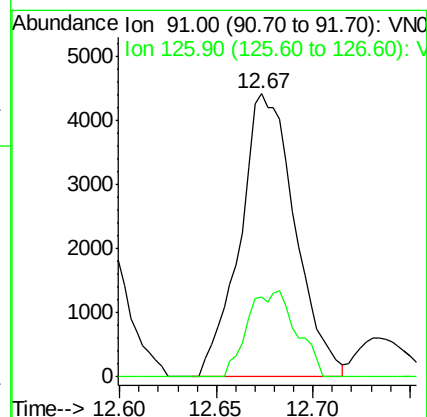
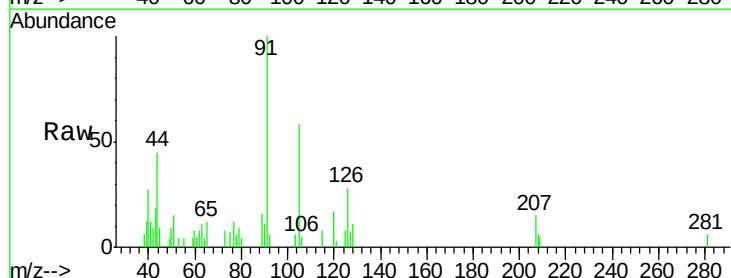
Acq: 20 Jun 2018 23:56

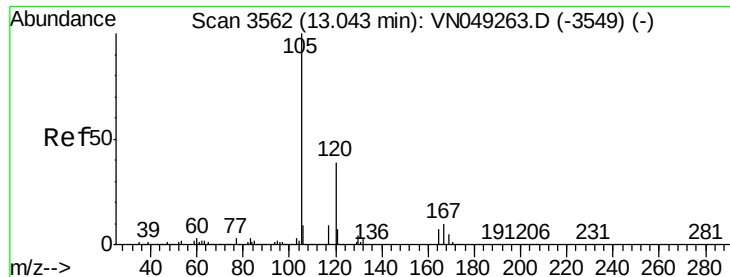
Tgt Ion: 91 Resp: 8759

Ion Ratio Lower Upper

91 100

126 26.9 16.4 49.1





#84

1,2,4-Trimethylbenzene

Concen: 0.73 ug/l

RT: 13.05 min Scan# 3563

Delta R.T. 0.00 min

Lab File: VN049456.D

Acq: 20 Jun 2018 23:56

Instrument :

MSVOA_N

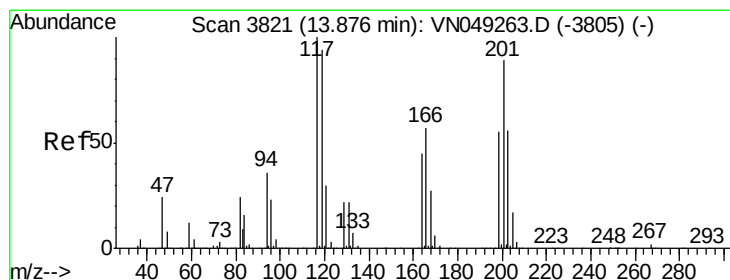
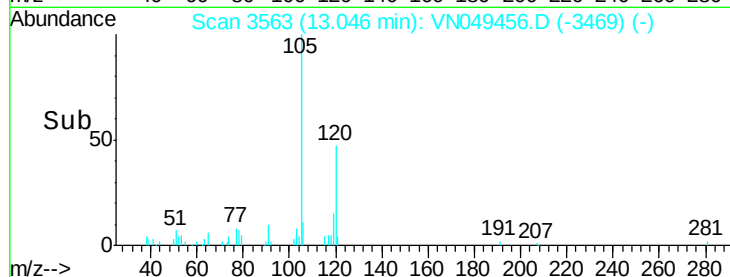
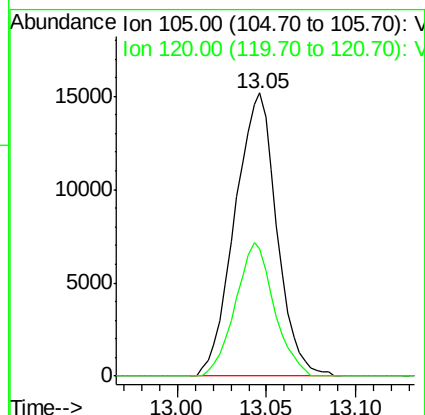
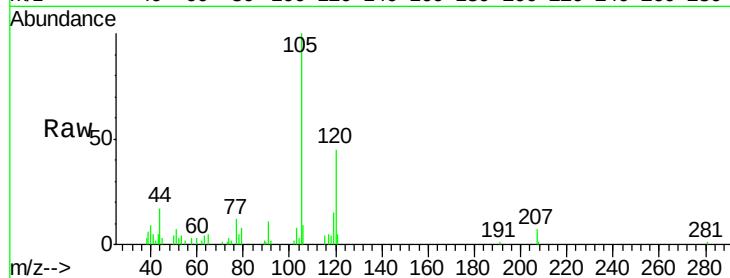
ClientSampleId :

Tot Ion:105 Resp: 24908

Ion Ratio Lower Upper

105 100

120 43.3 22.2 66.6



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049456.D

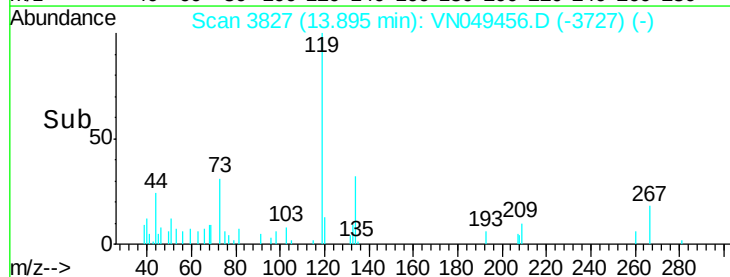
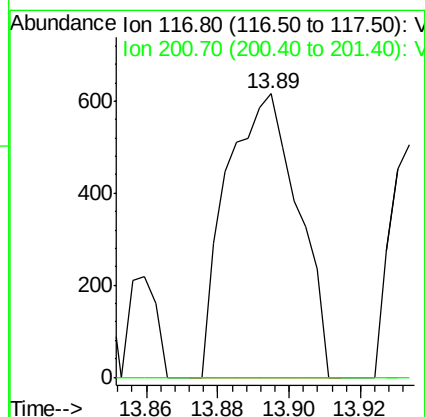
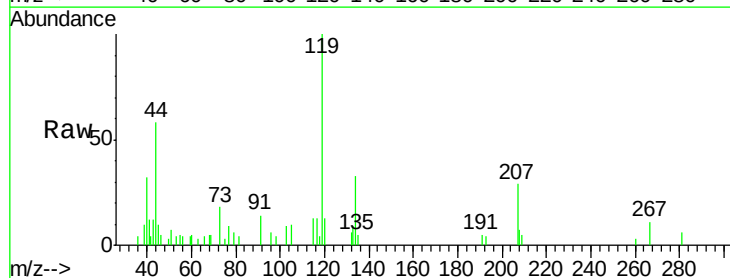
Acq: 20 Jun 2018 23:56

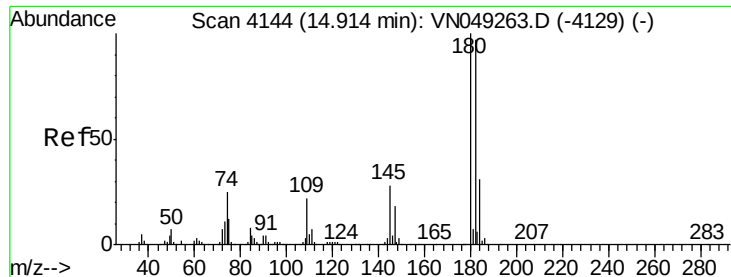
Tgt Ion:117 Resp: 851

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#

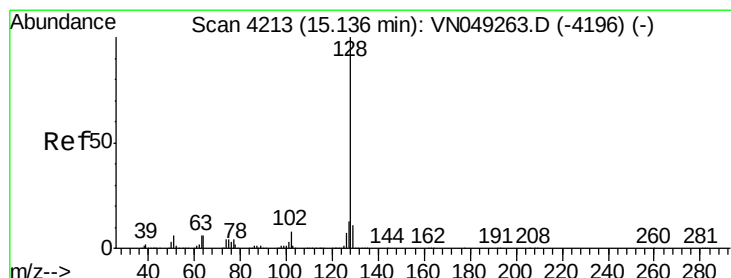
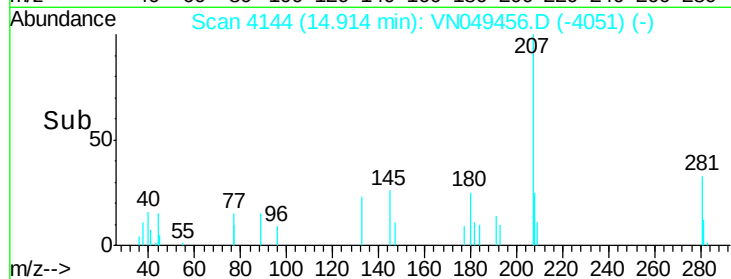
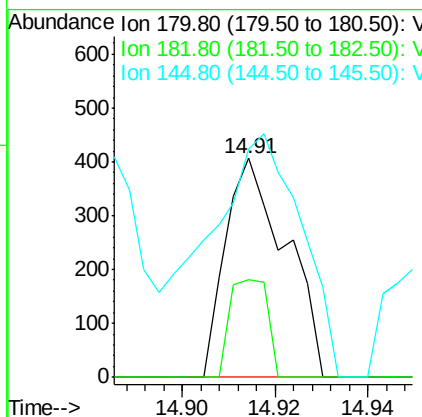
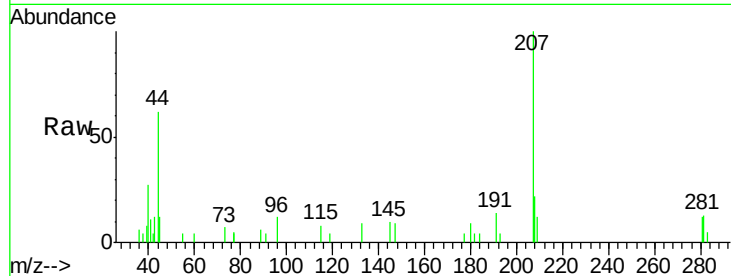




#93
 1,2,4-Trichlorobenzene
 Concen: 4.78 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049456.D
 Acq: 20 Jun 2018 23:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 369
 Ion Ratio Lower Upper
 180 100
 182 27.6 46.9 140.8#
 145 171.8 14.7 44.1#



#95
 Naphthalene
 Concen: 13.94 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049456.D
 Acq: 20 Jun 2018 23:56

Tgt Ion:128 Resp: 168511
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.6 16.0
 129 10.8 8.5 12.7

