

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049416.D
 Acq On : 20 Jun 2018 5:21
 Operator : MD\SY
 Sample : J3575-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 06:07:29 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	1283377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2048913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1693476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	501468	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	856034	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	761755	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	2784860	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	
62) 4-Bromofluorobenzene	12.40	95	716134	34.31	ug/l	0.00
Spiked Amount			Recovery	=	68.62%	

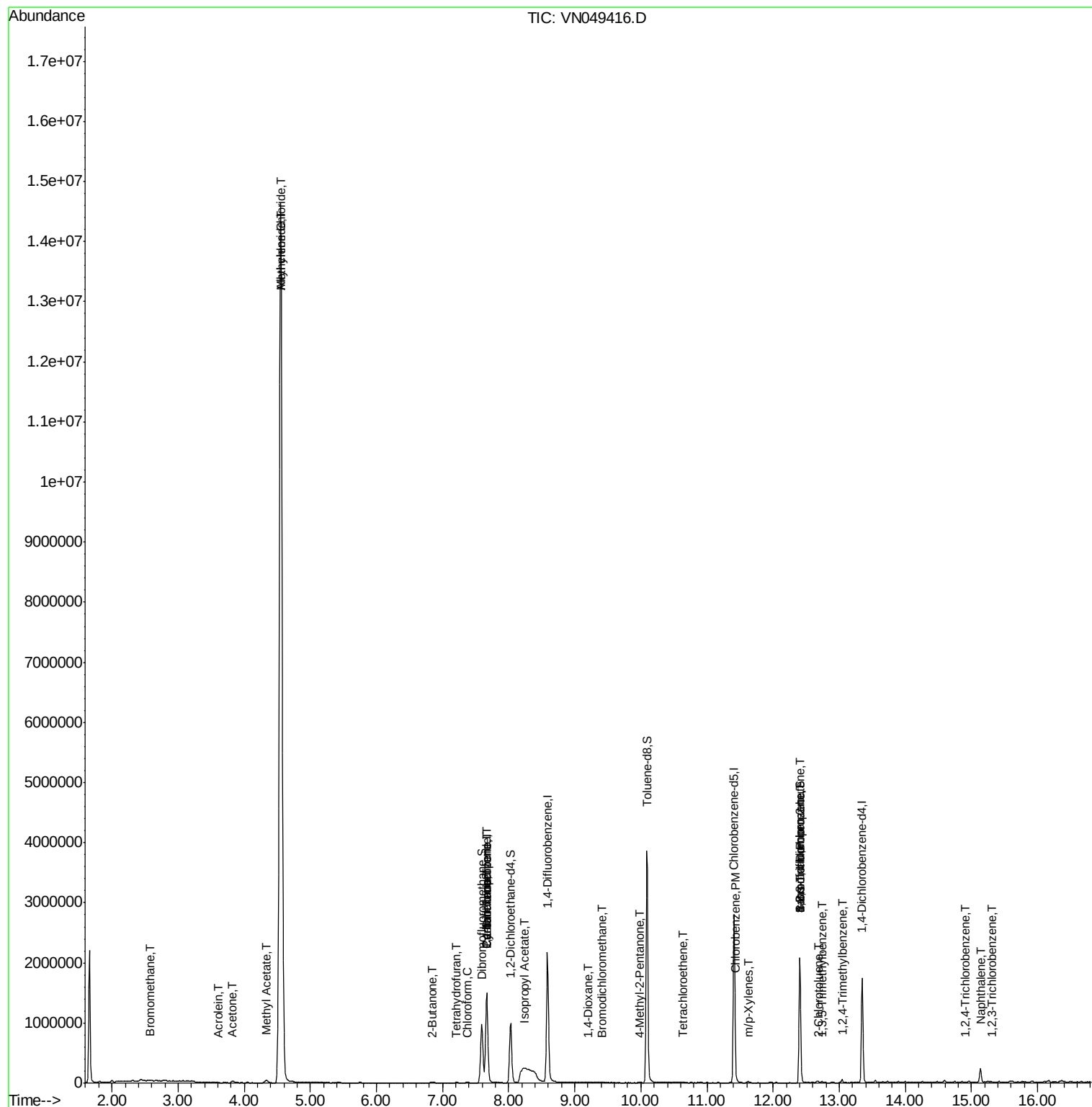
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	4779	0.45	ug/l	89
13) Acrolein	3.60	56	302	0.29	ug/l #	1
14) Allyl chloride	4.55	41	391631	16.86	ug/l #	20
16) Acetone	3.82	43	46634	11.28	ug/l	93
18) Methyl Acetate	4.33	43	89533	7.10	ug/l	93
20) Methylene Chloride	4.55	84	11282618	653.63	ug/l	91
25) 2-Butanone	6.85	43	8648	1.56	ug/l	95
29) Tetrahydrofuran	7.22	42	2372	0.66	ug/l #	51
30) Chloroform	7.38	83	10352	0.35	ug/l	98
31) Cyclohexane	7.67	56	23839	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	88015	3.75	ug/l #	51
38) Carbon Tetrachloride	7.67	117	117972	4.85	ug/l #	17
43) Isopropyl Acetate	8.24	43	355817	14.59	ug/l #	64
47) Bromodichloromethane	9.40	83	4872	0.20	ug/l #	96
49) 1,4-Dioxane	9.21	88	33	0.21	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5349	0.42	ug/l	95
64) Tetrachloroethene	10.63	164	3799	0.22	ug/l #	77
65) Chlorobenzene	11.44	112	13771	0.32	ug/l	92
68) m/p-Xylenes	11.62	106	6829	0.25	ug/l	86
71) Bromoform	12.40	173	5513	0.52	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.52	83	68	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	349383	40.83	ug/l #	100
79) 2-Chlorotoluene	12.68	91	10011	0.33	ug/l	91
80) 1,3,5-Trimethylbenzene	12.74	105	9395	0.27	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	349383	129.06	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	28920	0.84	ug/l	100
90) Hexachloroethane	13.88	117	553	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	1036	4.85	ug/l #	56
94) Hexachlorobutadiene	15.01	225	134	Below Cal	#	18
95) Naphthalene	15.14	128	194599	15.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	432	3.51	ug/l #	63

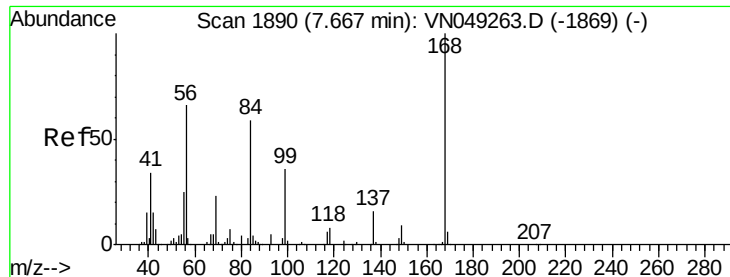
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

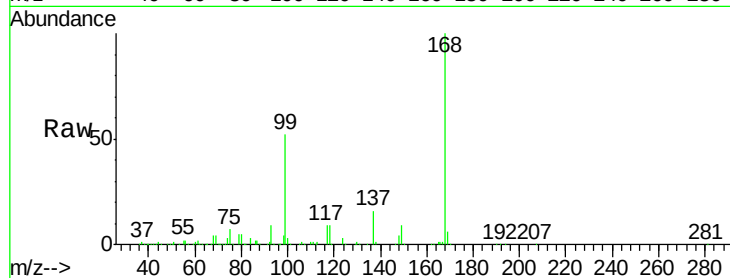
ClientSampleId :

Tot Ion:168 Resp: 1283377

Ion Ratio Lower Upper

168 100

99 52.3 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

600000

500000

400000

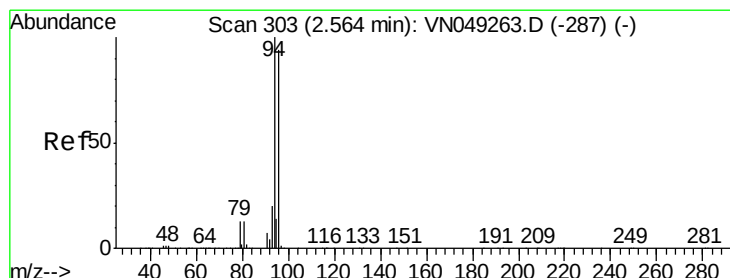
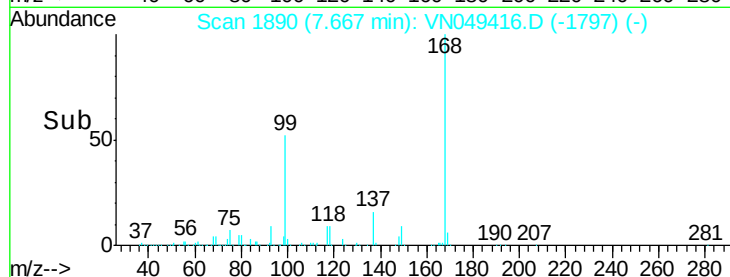
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#5

Bromomethane

Concen: 0.45 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049416.D

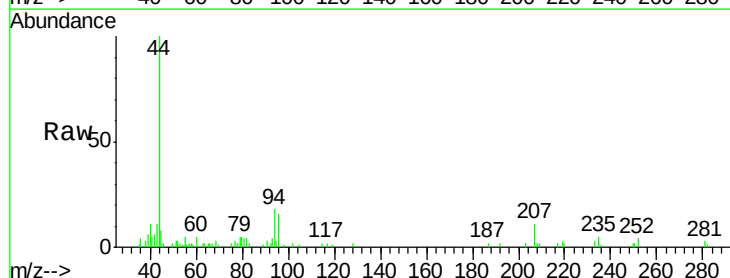
Acq: 20 Jun 2018 5:21

Tgt Ion: 94 Resp: 4779

Ion Ratio Lower Upper

94 100

96 80.9 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

2500

2000

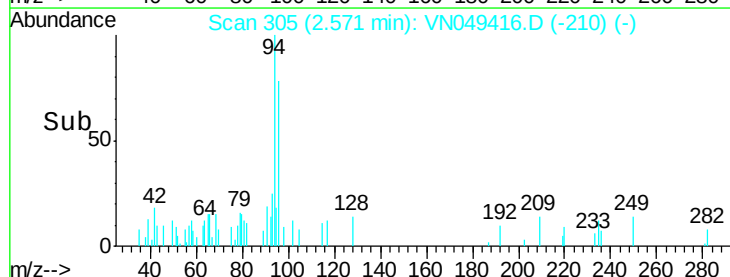
1500

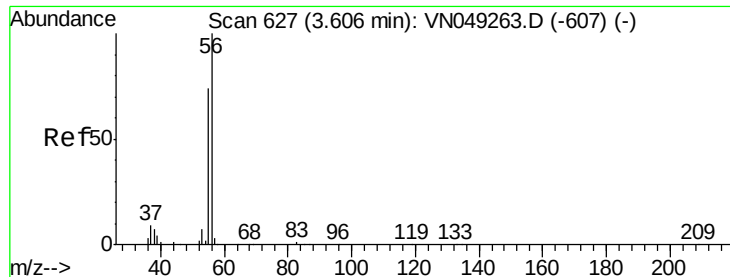
1000

500

0

Time--> 2.55 2.60 2.65





#13

Acrolein

Concen: 0.29 ug/l

RT: 3.60 min Scan# 624

Delta R.T. -0.01 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

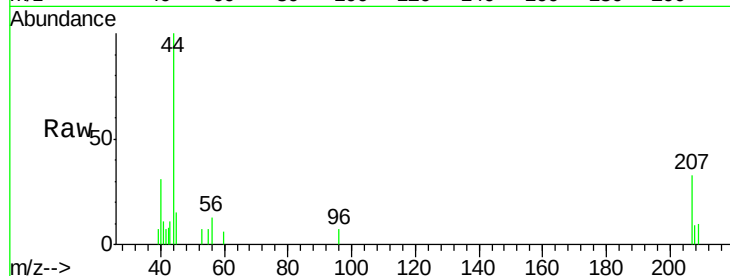
ClientSampleId :

Tot Ion: 56 Resp: 302

Ion Ratio Lower Upper

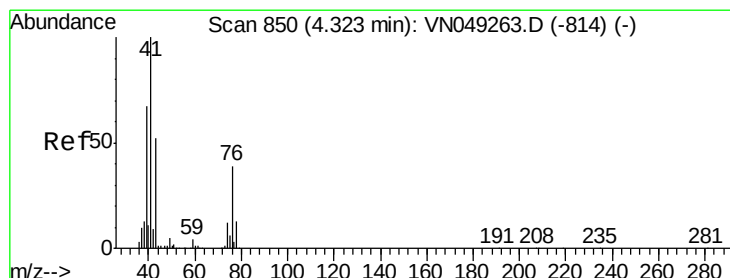
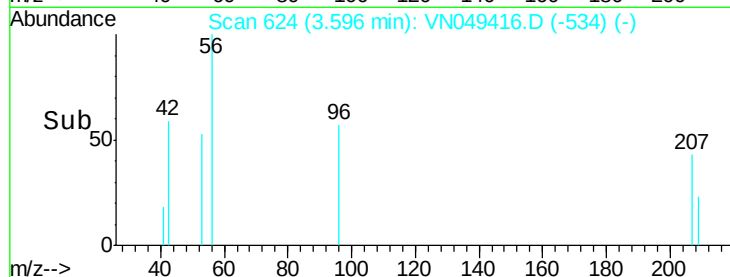
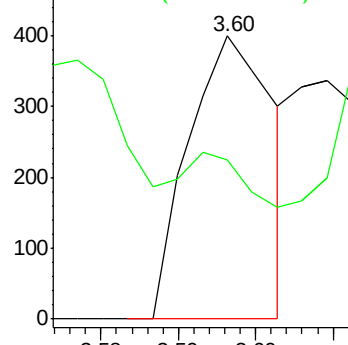
56 100

55 157.9 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: 16.86 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

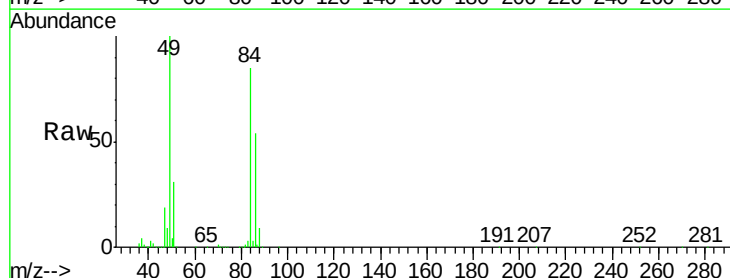
Tgt Ion: 41 Resp: 391631

Ion Ratio Lower Upper

41 100

39 0.3 62.5 93.7#

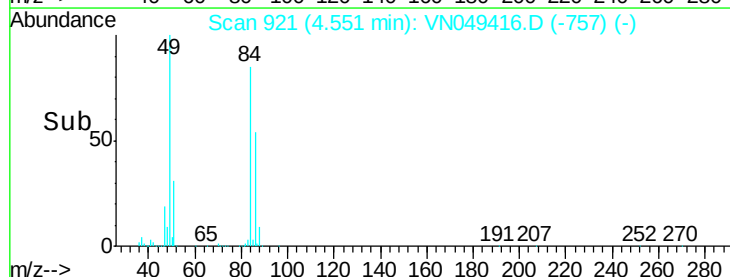
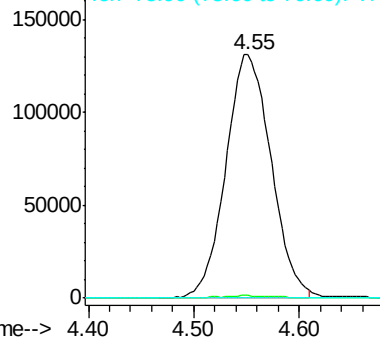
76 0.0 27.1 40.7#

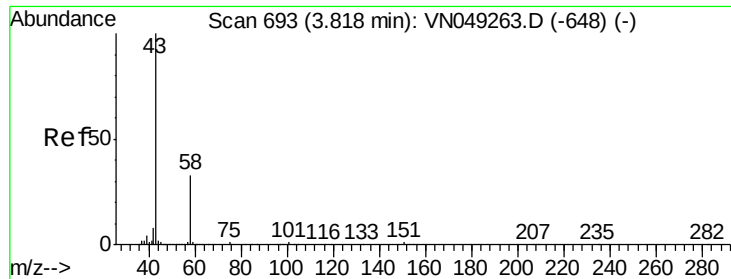


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 11.28 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

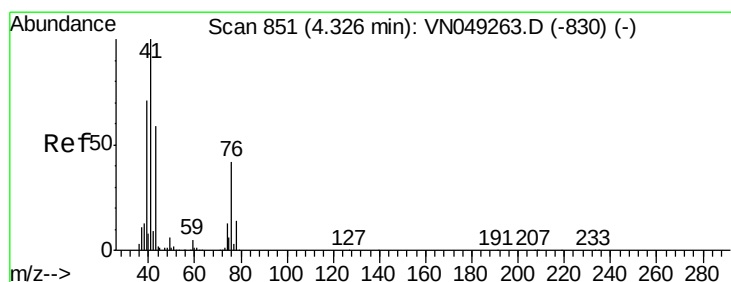
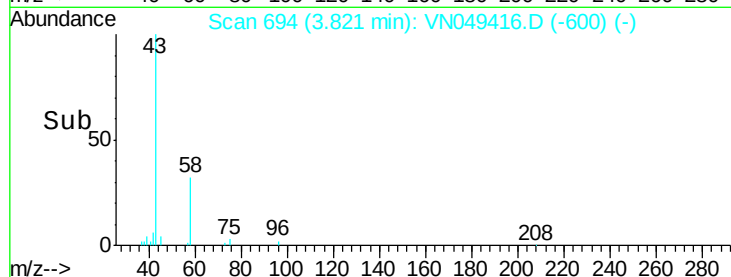
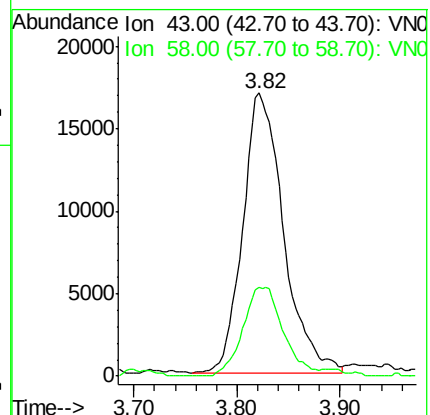
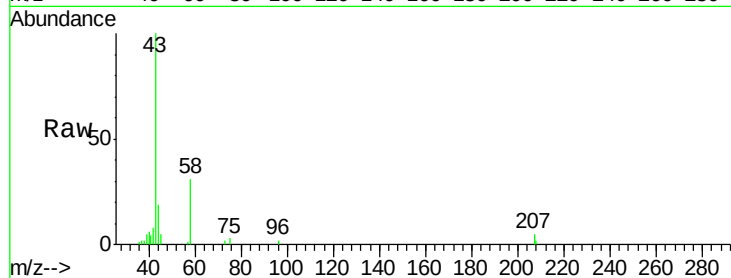
ClientSampleId :

Tot Ion: 43 Resp: 46634

Ion Ratio Lower Upper

43 100

58 31.6 22.4 33.6



#18

Methyl Acetate

Concen: 7.10 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049416.D

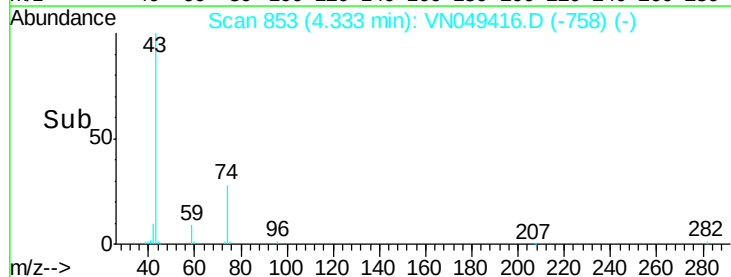
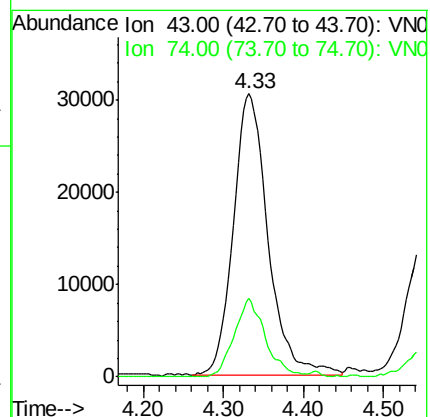
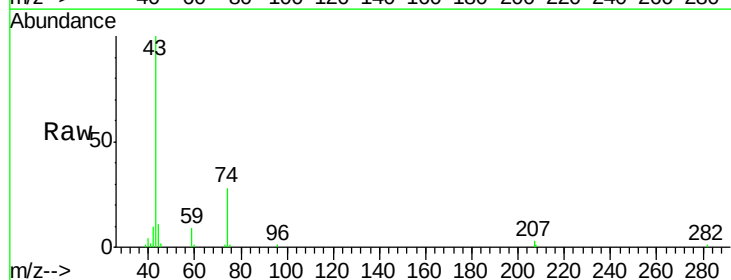
Acq: 20 Jun 2018 5:21

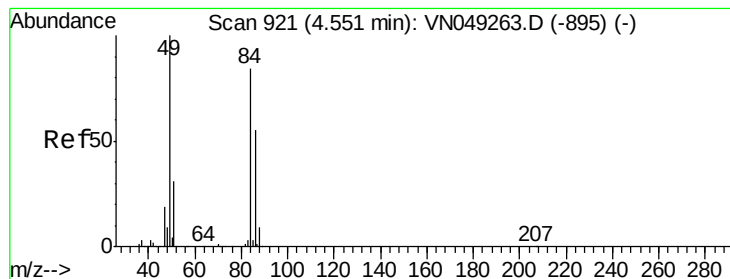
Tgt Ion: 43 Resp: 89533

Ion Ratio Lower Upper

43 100

74 24.9 17.4 26.0





#20

Methylene Chloride

Concen: 653.63 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp:11282618

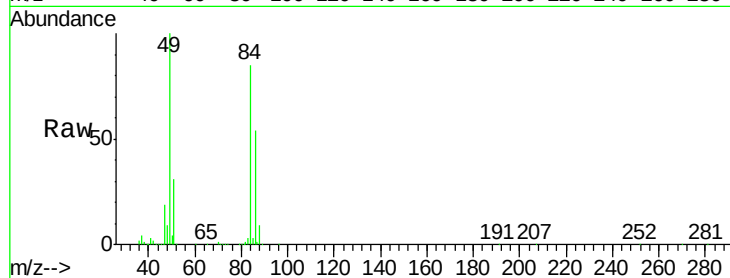
Ion	Ratio	Lower	Upper
84	100		
49	118.1	106.9	160.3
51	36.3	32.7	49.1
86	63.9	49.8	74.8

84 100

49 118.1 106.9 160.3

51 36.3 32.7 49.1

86 63.9 49.8 74.8

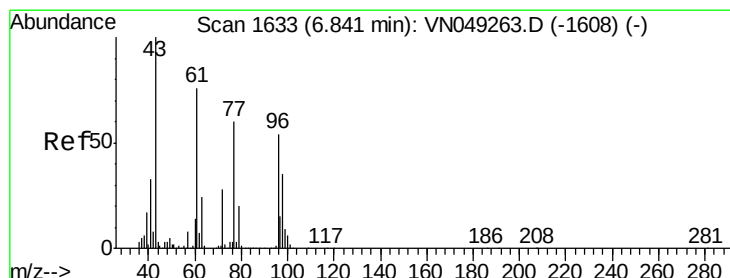
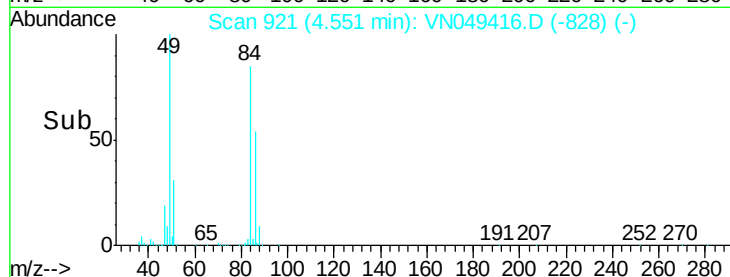
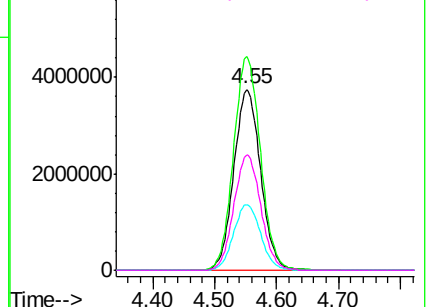


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 1.56 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049416.D

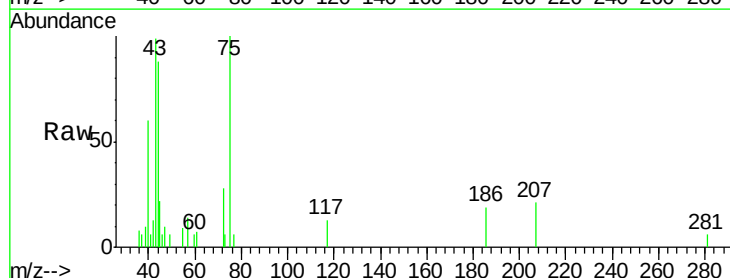
Acq: 20 Jun 2018 5:21

Tgt Ion: 43 Resp: 8648

Ion	Ratio	Lower	Upper
43	100		
72	27.9	20.2	30.2

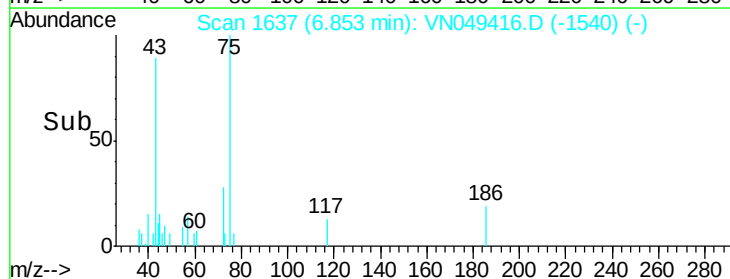
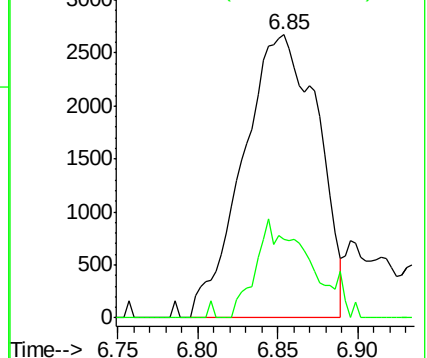
43 100

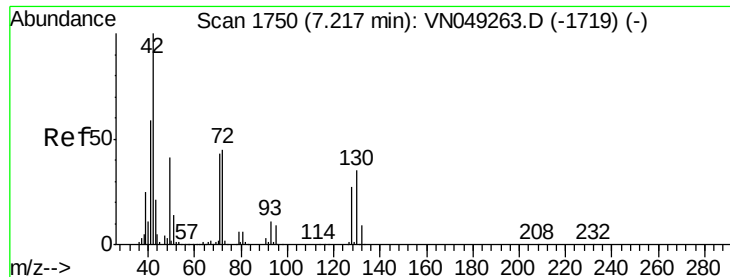
72 27.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

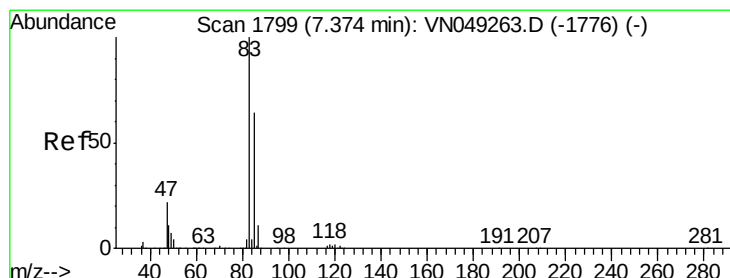
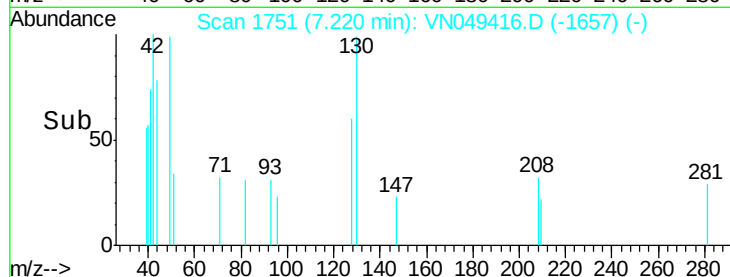
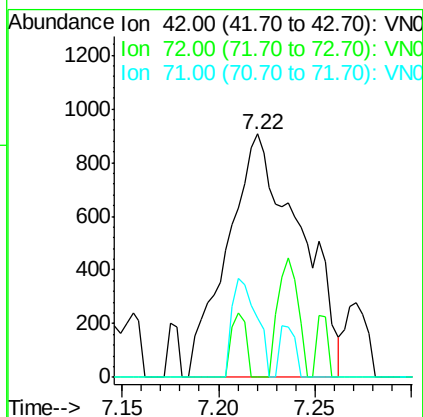
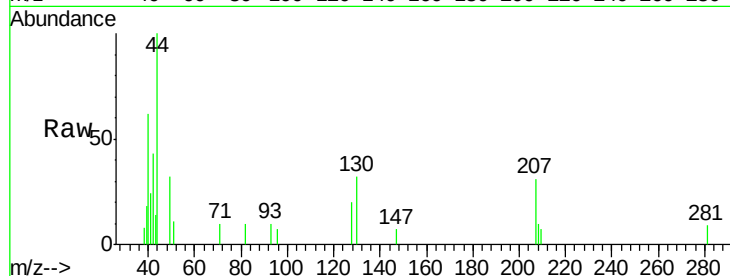




#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

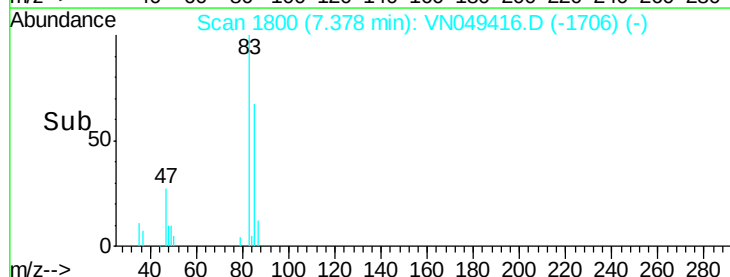
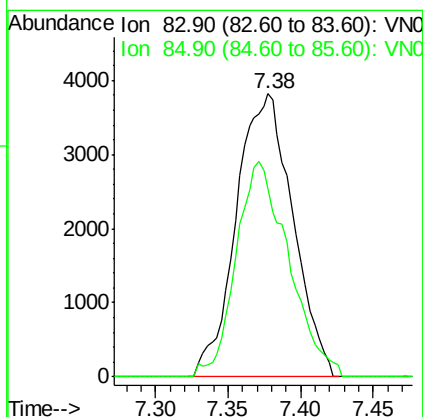
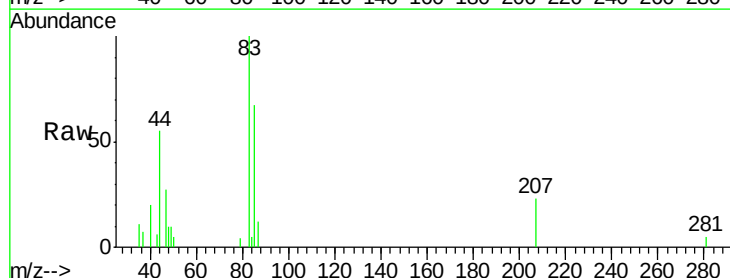
Instrument :
MSVOA_N
ClientSampled :

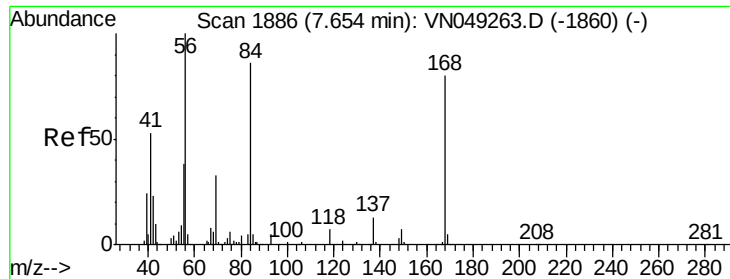
Tot Ion: 42 Resp: 2372
Ion Ratio Lower Upper
42 100
72 5.2 32.2 48.4#
71 13.4 30.5 45.7#



#30
Chloroform
Concen: 0.35 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 83 Resp: 10352
Ion Ratio Lower Upper
83 100
85 66.5 51.7 77.5

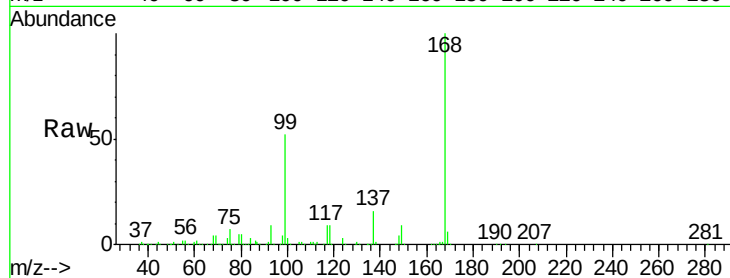




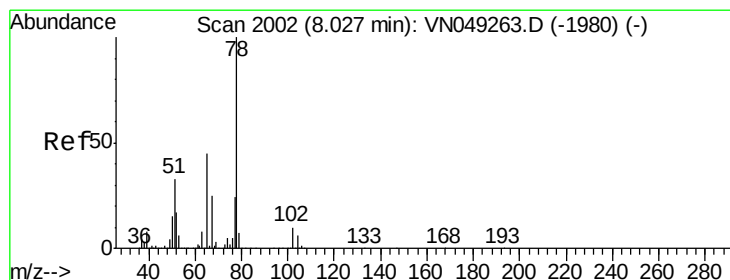
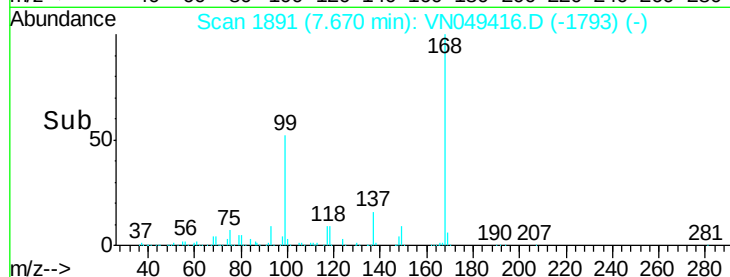
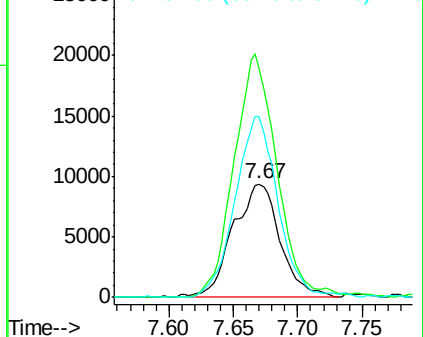
#31
Cyclohexane
Concen: 0.77 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 23839
Ion Ratio Lower Upper
56 100
69 202.0 25.0 37.4#
84 159.2 64.6 96.8#

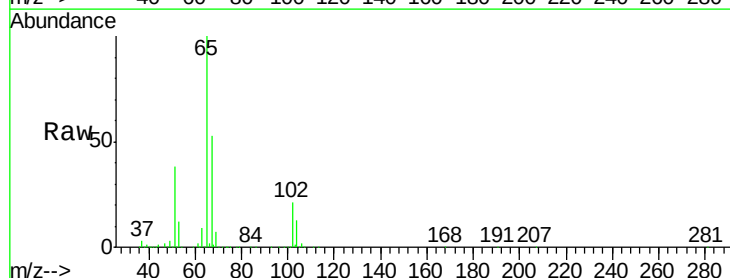


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

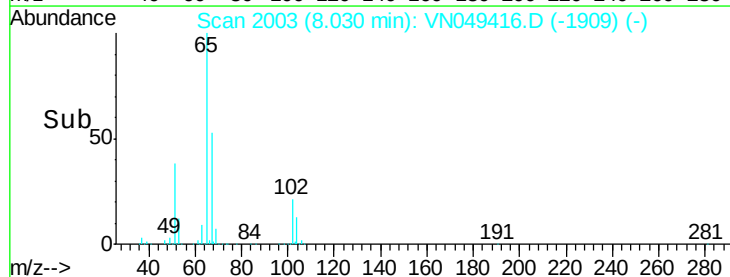
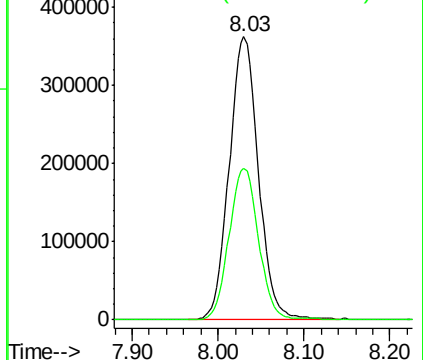


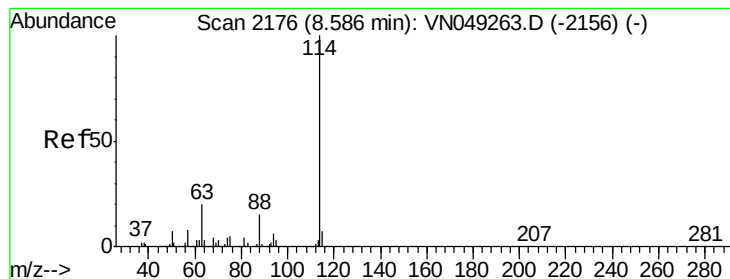
#33
1,2-Dichloroethane-d4
Concen: 50.29 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 65 Resp: 856034
Ion Ratio Lower Upper
65 100
67 54.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

ClientSampleId :

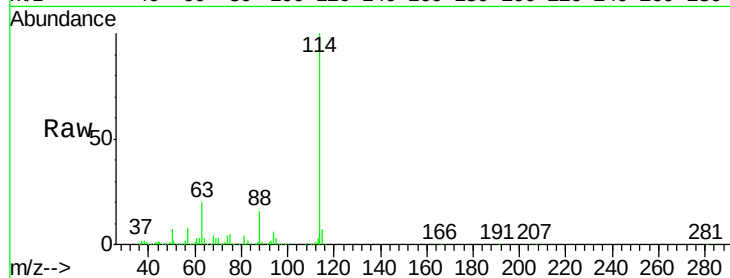
Tot Ion:114 Resp: 2048913

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

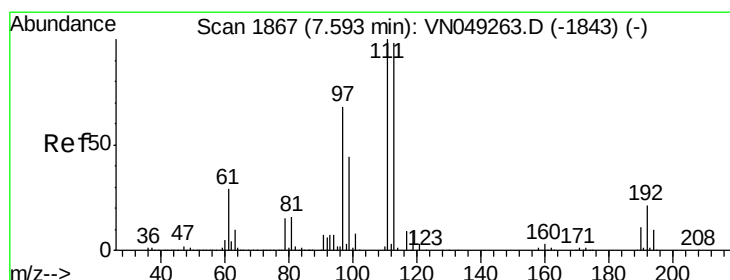
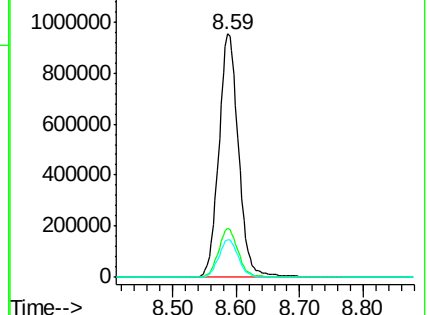
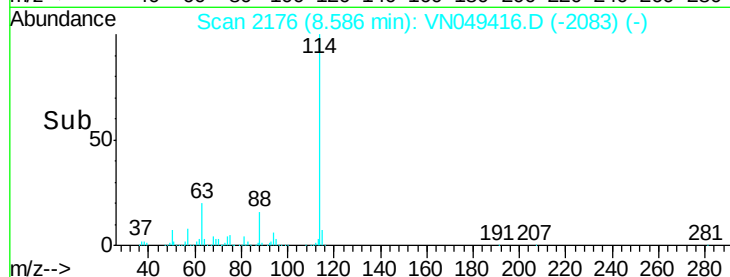
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.95 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

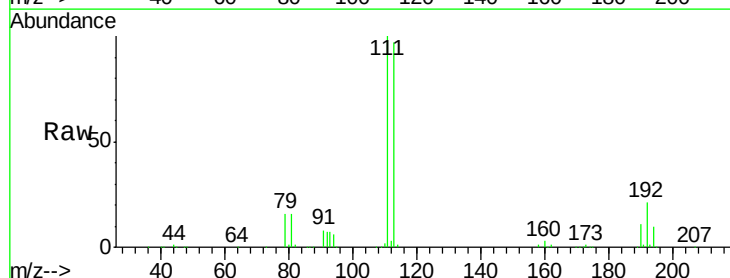
Tgt Ion:113 Resp: 761755

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

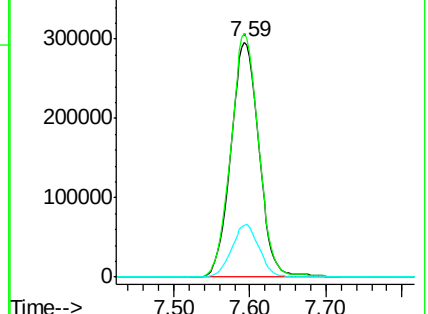
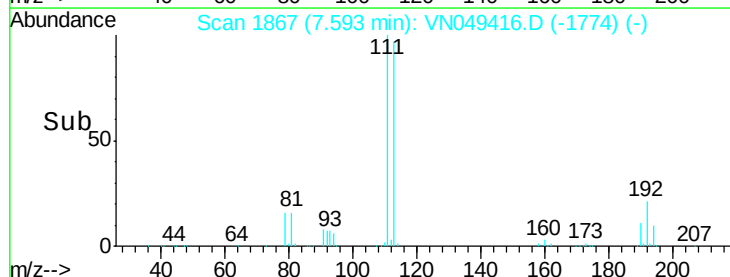
192 21.8 15.0 22.6

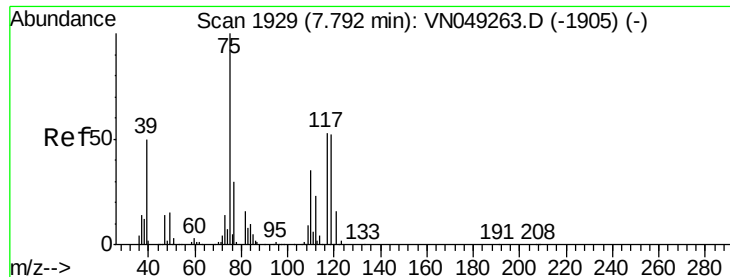


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.75 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.12 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

ClientSampleId :

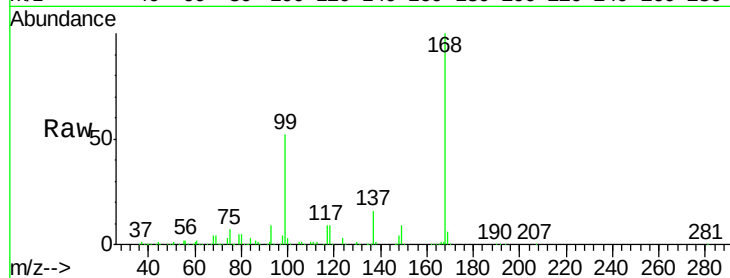
Tot Ion: 75 Resp: 88015

Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

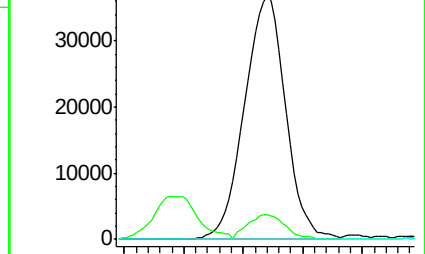
77 0.0 24.4 36.6#



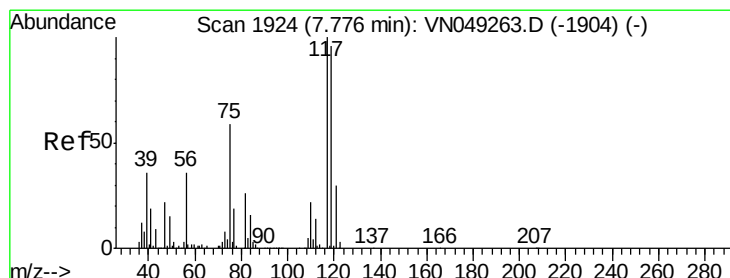
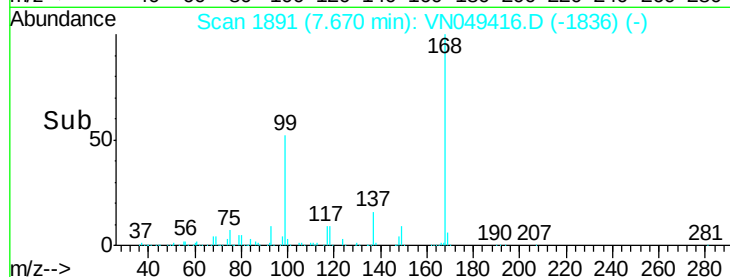
Abundance Ion 74.90 (74.60 to 75.60): VN049416.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049416.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049416.D (-1836) (-)



Time-->



#38

Carbon Tetrachloride

Concen: 4.85 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

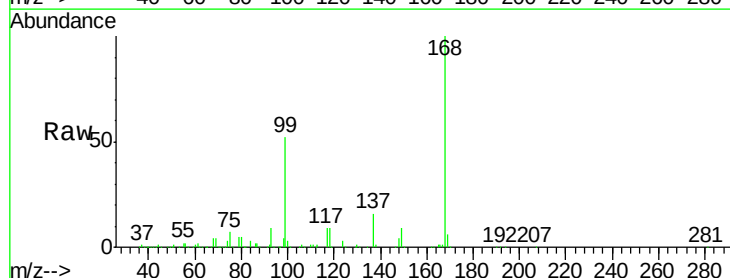
Tgt Ion: 117 Resp: 117972

Ion Ratio Lower Upper

117 100

119 5.0 75.6 113.4#

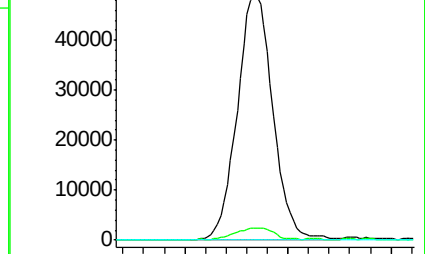
121 0.0 24.7 37.1#



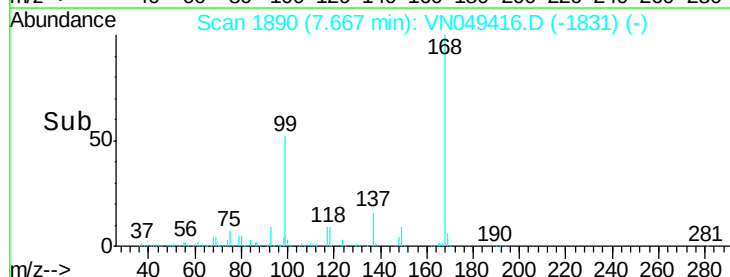
Abundance Ion 116.80 (116.50 to 117.50): VN049416.D (-1831) (-)

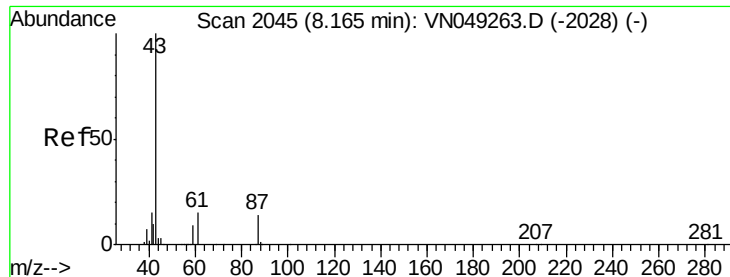
Ion 118.80 (118.50 to 119.50): VN049416.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049416.D (-1831) (-)



Time-->





#43

Isopropyl Acetate

Concen: 14.59 ug/l

RT: 8.24 min Scan# 2068

Delta R.T. 0.07 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

ClientSampled :

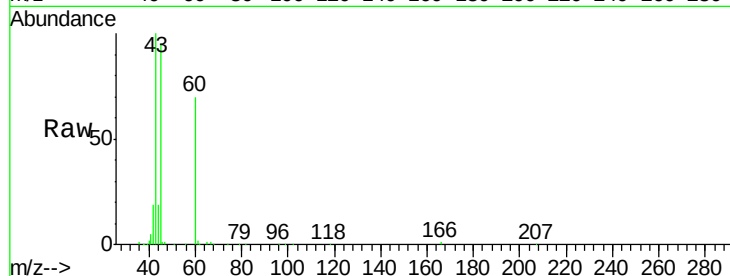
Tot Ion: 43 Resp: 355817

Ion Ratio Lower Upper

43 100

61 0.1 14.2 21.4#

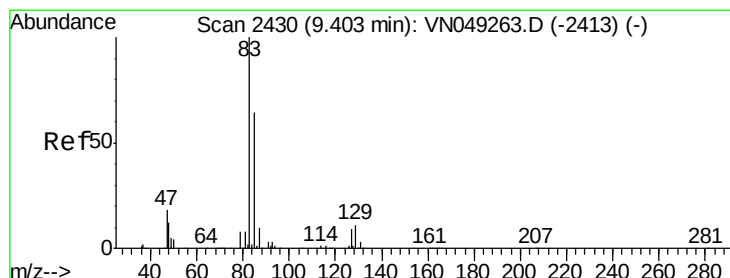
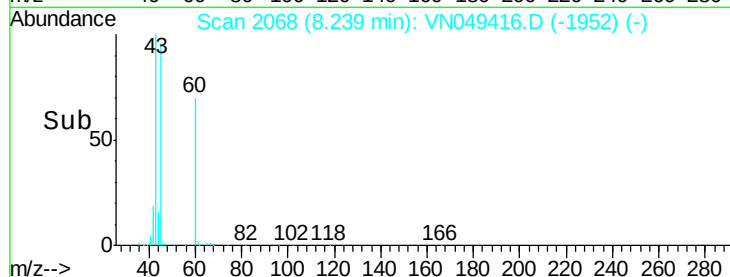
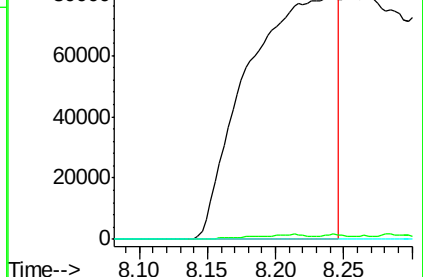
87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049416.D (-2068) (-)

Ion 61.00 (60.70 to 61.70): VN049416.D (-2068) (-)

Ion 87.00 (86.70 to 87.70): VN049416.D (-2068) (-)



#47

Bromodichloromethane

Concen: 0.20 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

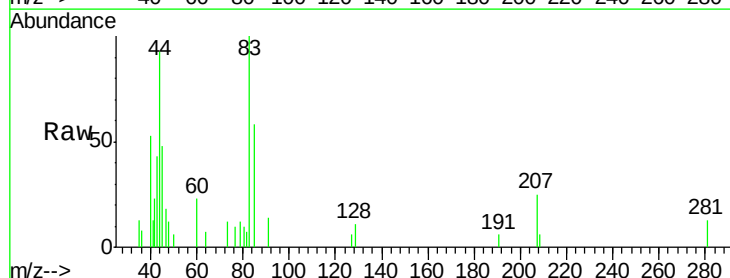
Tgt Ion: 83 Resp: 4872

Ion Ratio Lower Upper

83 100

85 58.5 49.4 74.0

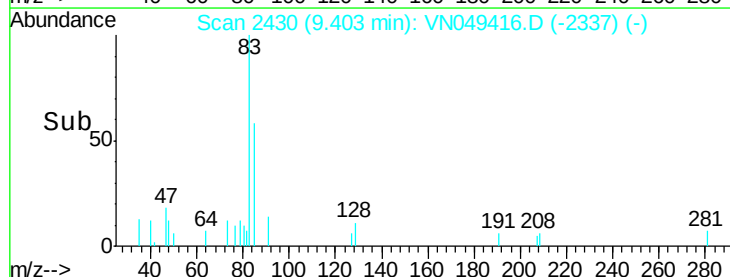
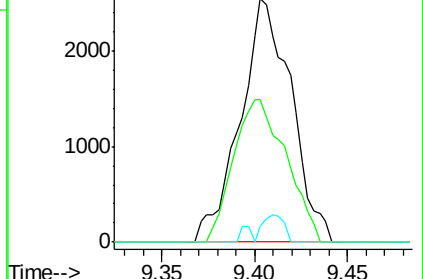
127 6.2 6.3 9.5#

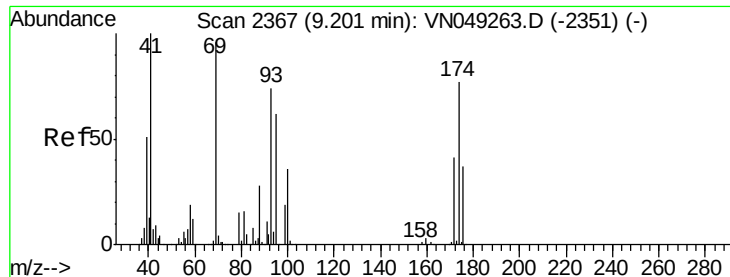


Abundance Ion 82.90 (82.60 to 83.60): VN049416.D (-2430) (-)

Ion 84.90 (84.60 to 85.60): VN049416.D (-2430) (-)

Ion 126.80 (126.50 to 127.50): VN049416.D (-2430) (-)

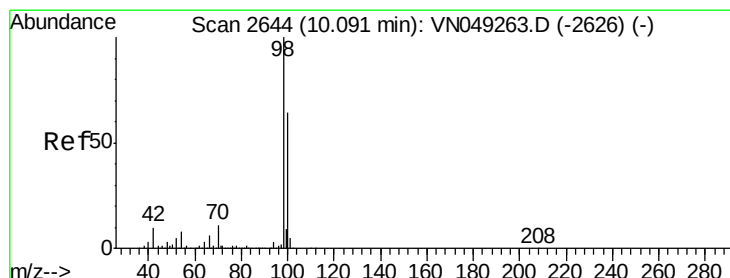
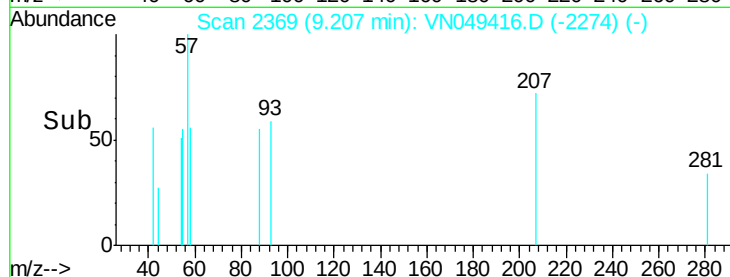
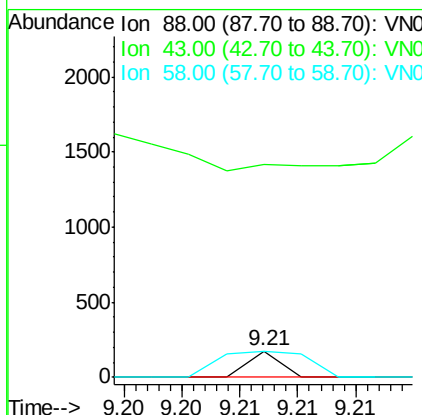
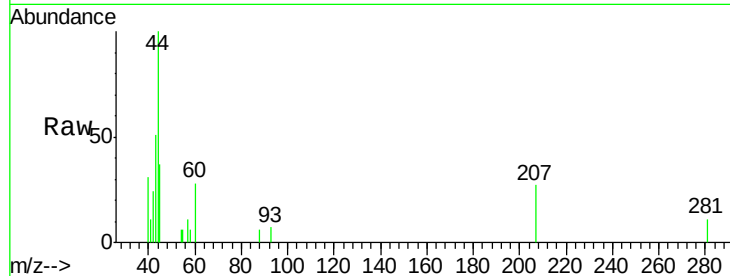




#49
1,4-Dioxane
Concen: 0.21 ug/l
RT: 9.21 min Scan# 2367
Delta R.T. 0.01 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

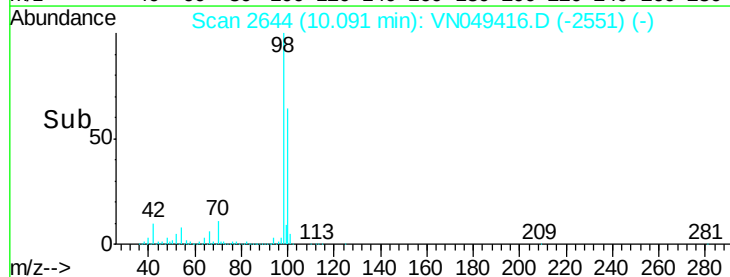
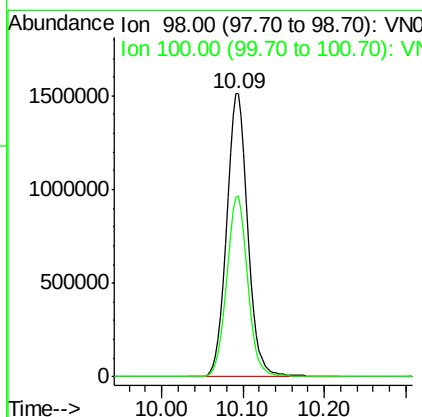
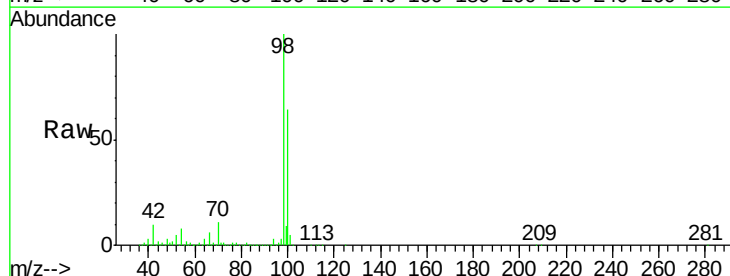
Instrument :
MSVOA_N
ClientSampled :

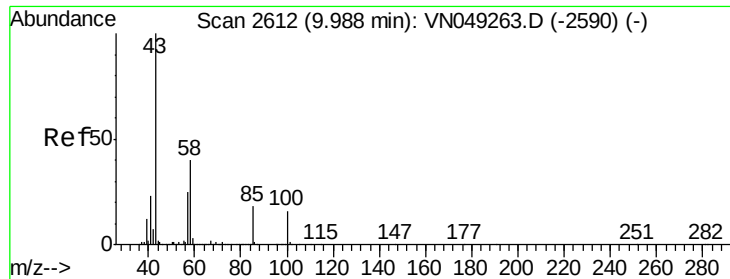
Tot Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 2221.2 30.9 46.3#
58 290.9 58.9 88.3#



#50
Toluene-d8
Concen: 44.12 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 98 Resp: 2784860
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8

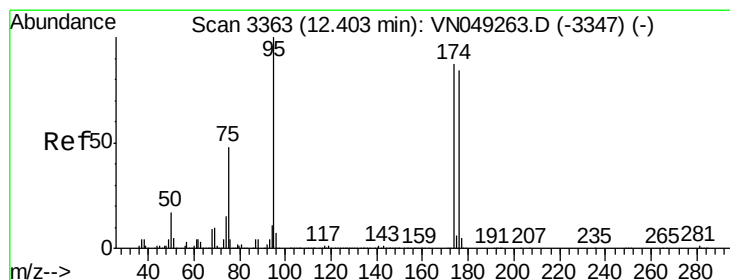
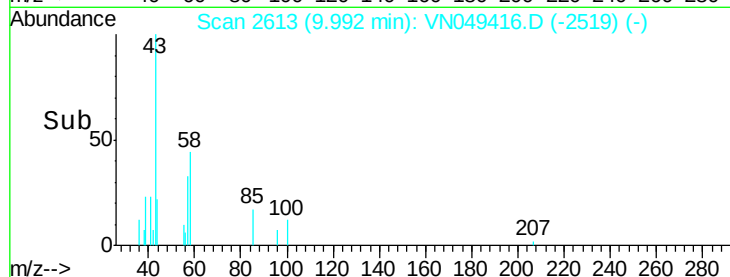
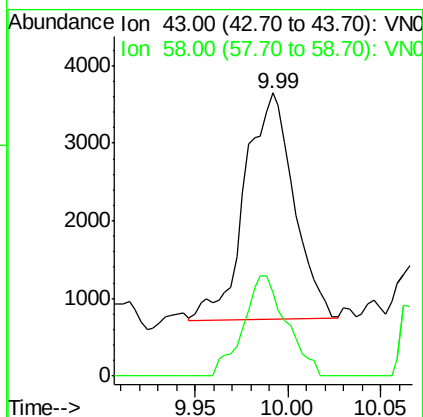
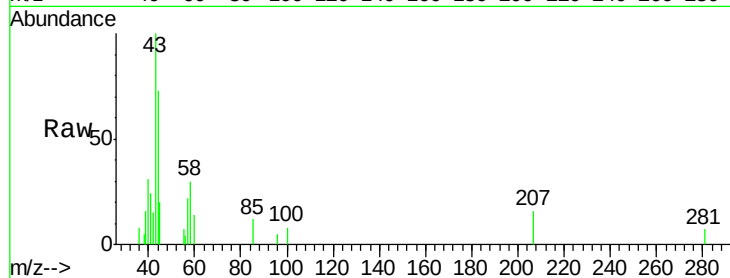




#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

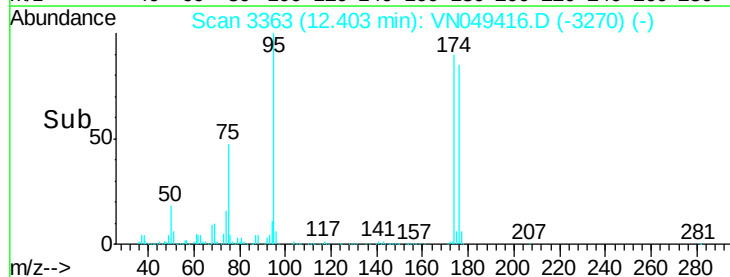
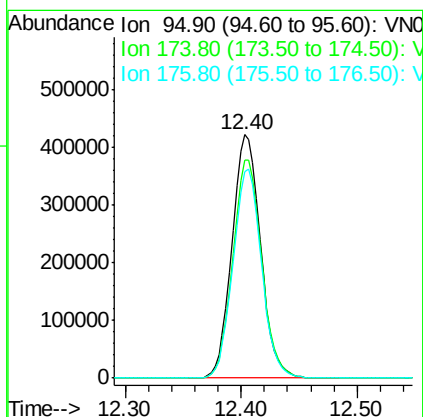
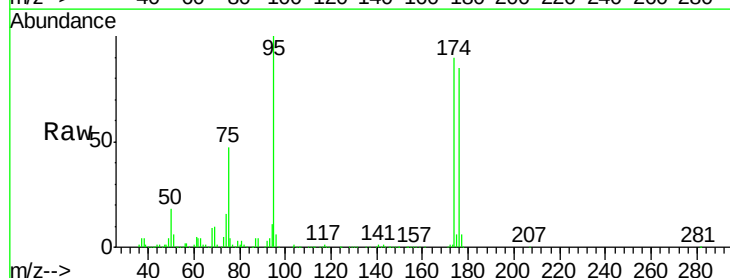
Instrument :
MSVOA_N
ClientSampled :

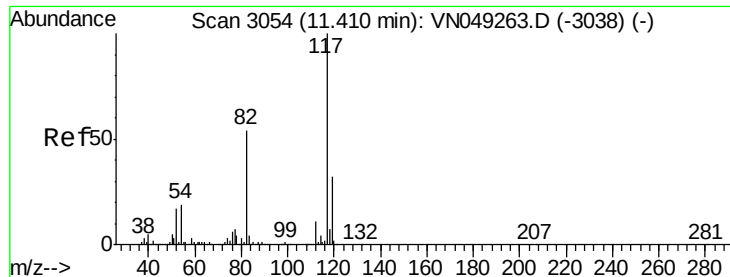
Tot Ion: 43 Resp: 5349
Ion Ratio Lower Upper
43 100
58 39.0 29.0 43.6



#62
4-Bromofluorobenzene
Concen: 34.31 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 95 Resp: 716134
Ion Ratio Lower Upper
95 100
174 90.8 0.0 165.6
176 85.9 0.0 157.4

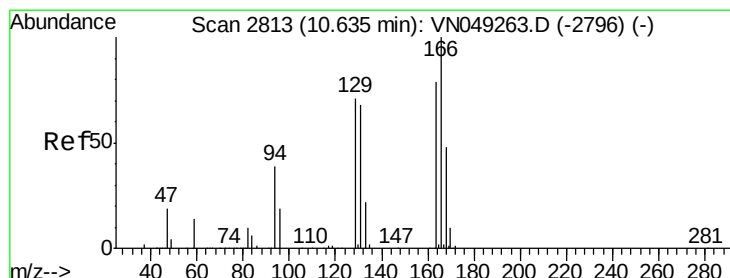
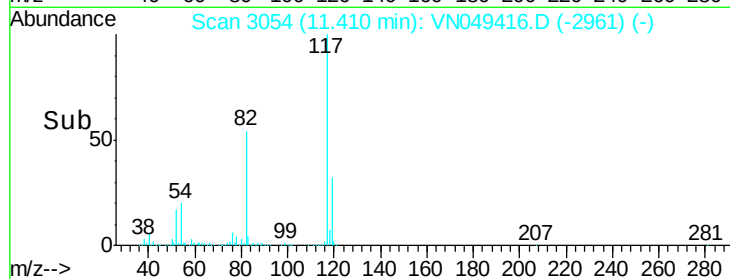
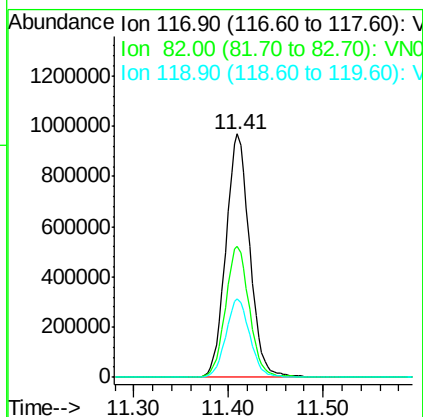
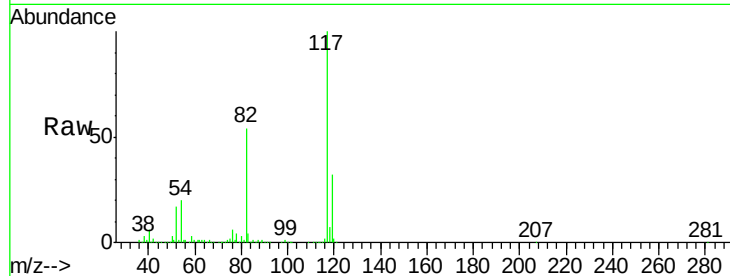




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

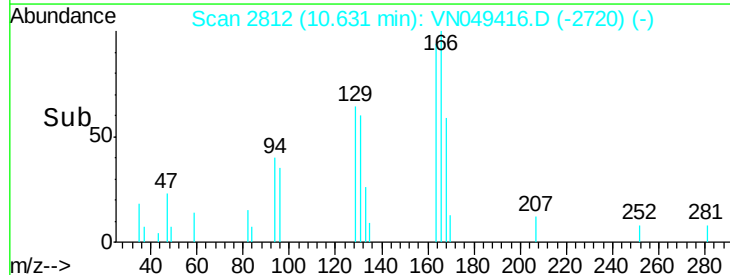
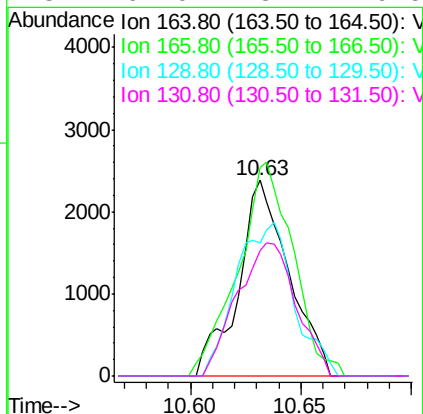
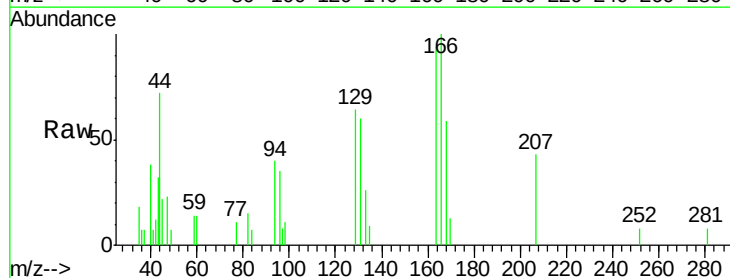
Instrument :
MSVOA_N
ClientSampled :

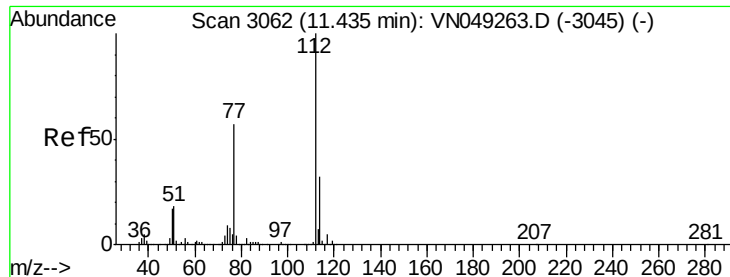
Tot Ion:117 Resp: 1693476
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.22 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

Tgt Ion:164 Resp: 3799
Ion Ratio Lower Upper
164 100
166 106.5 101.4 152.2
129 68.2 74.1 111.1#
131 64.0 73.7 110.5#





#65

Chlorobenzene

Concen: 0.32 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

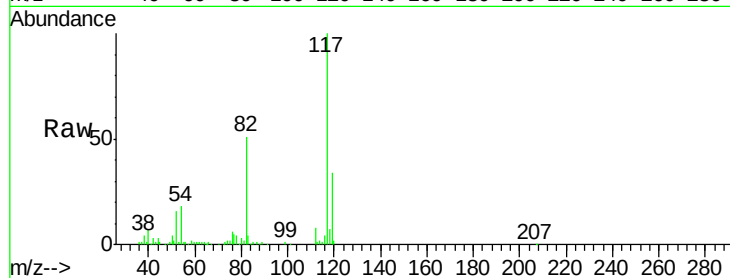
ClientSampleId :

Tot Ion:112 Resp: 13771

Ion Ratio Lower Upper

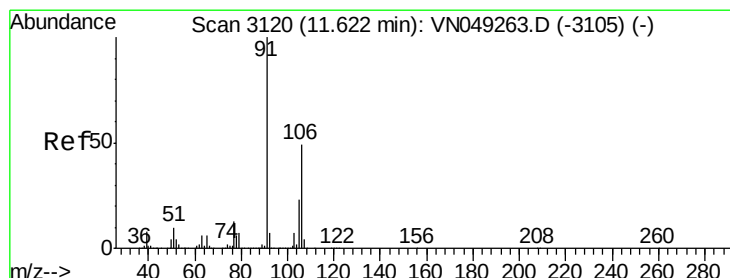
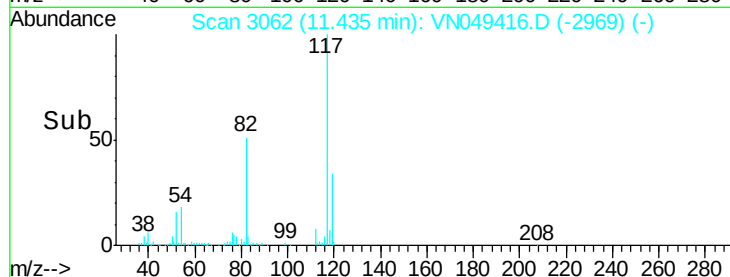
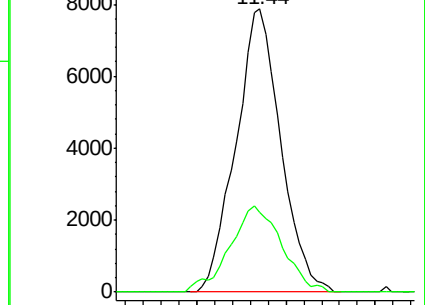
112 100

114 28.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.25 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049416.D

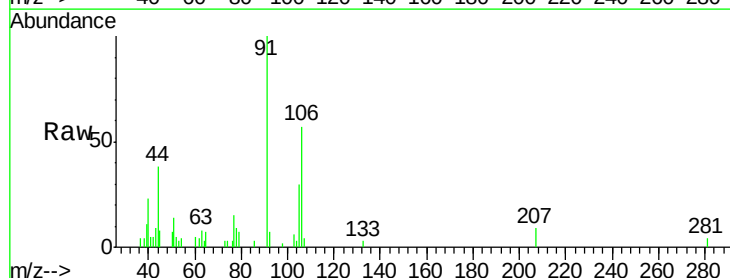
Acq: 20 Jun 2018 5:21

Tgt Ion:106 Resp: 6829

Ion Ratio Lower Upper

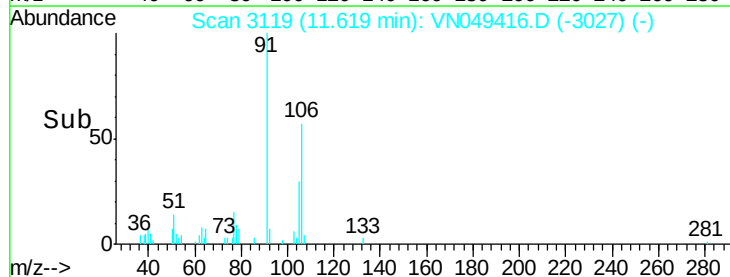
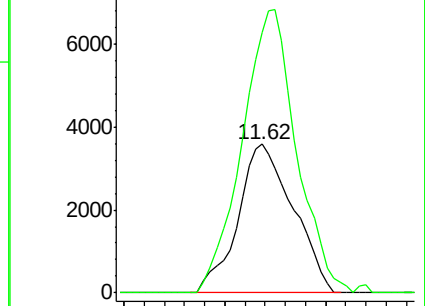
106 100

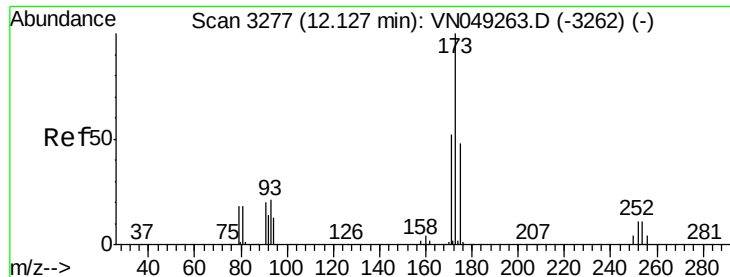
91 187.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





#71

Bromoform

Concen: 0.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

ClientSampleId :

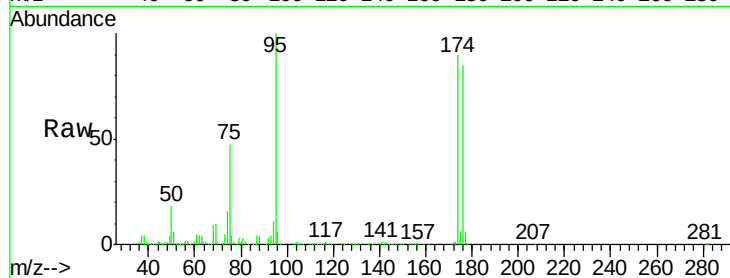
Tot Ion:173 Resp: 5513

Ion Ratio Lower Upper

173 100

175 653.0 24.5 73.5#

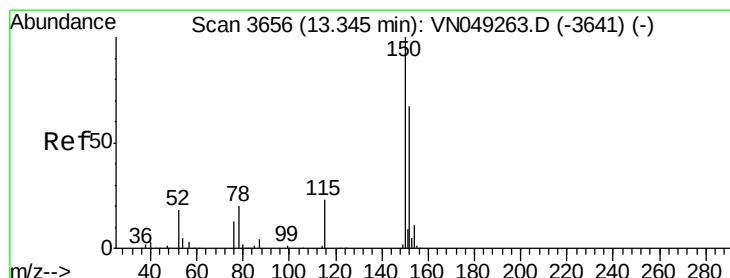
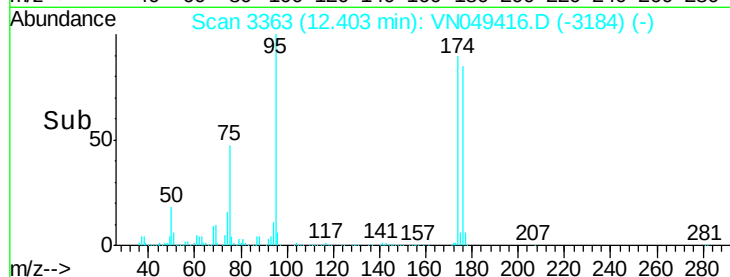
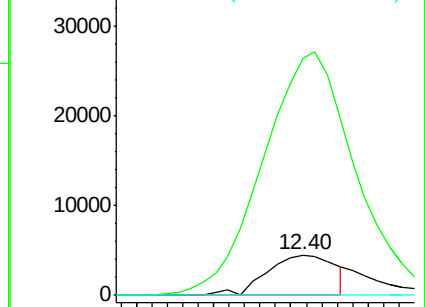
254 0.0 0.1 0.1#



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: VN049416.D

Acq: 20 Jun 2018 5:21

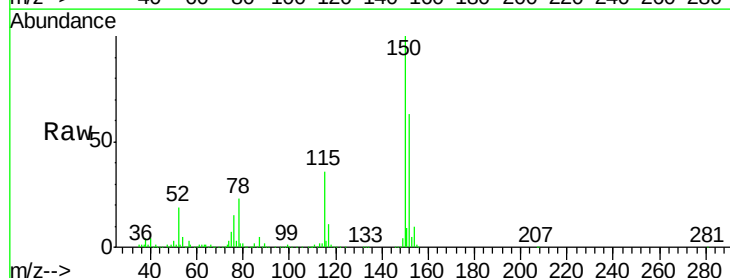
Tgt Ion:152 Resp: 501468

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.1

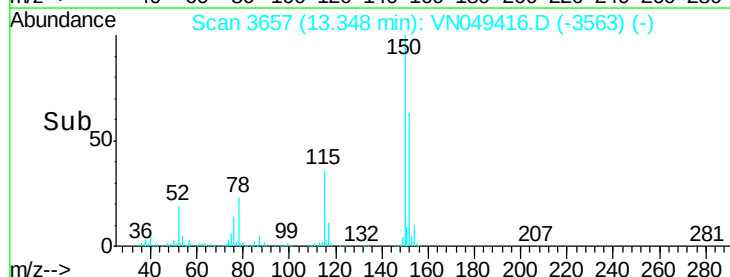
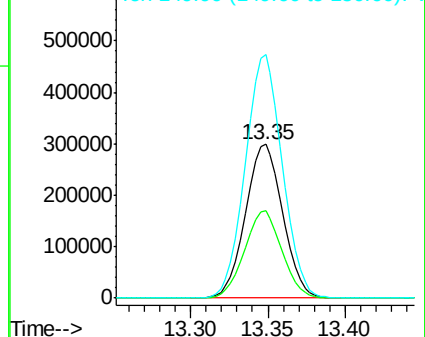
150 157.5 0.0 351.0

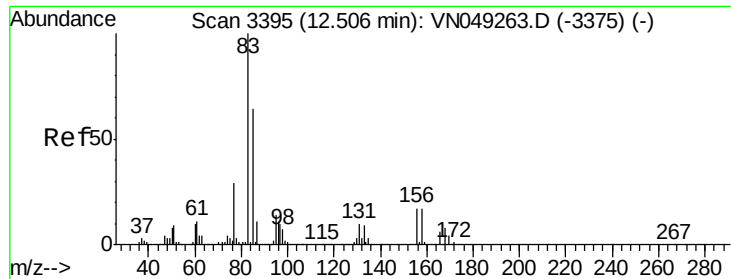


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3400

Delta R.T. 0.02 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

ClientSampled :

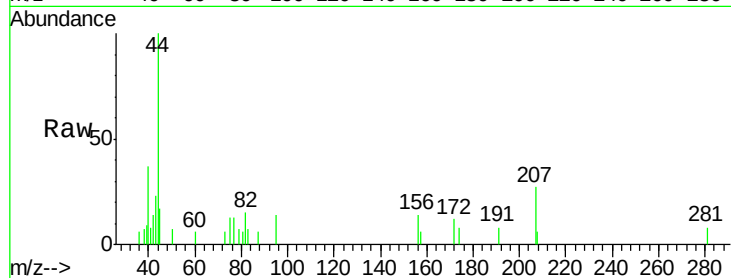
Tot Ion: 83 Resp: 68

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

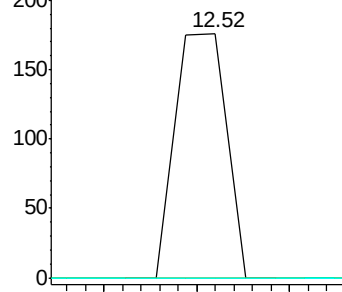
85 0.0 32.0 96.0#



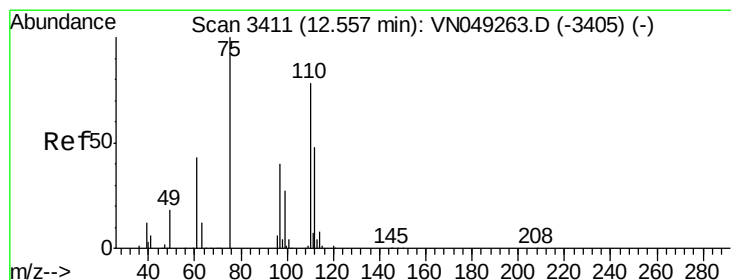
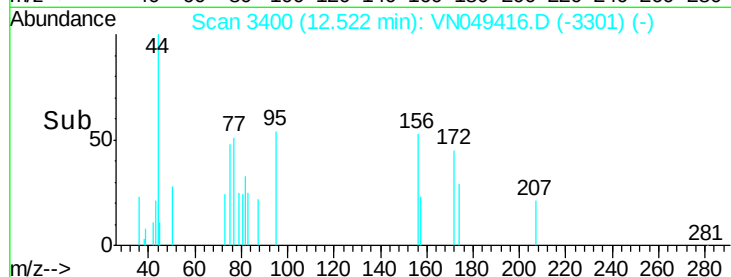
Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



Time-->



#76

1,2,3-Trichloropropane

Concen: 40.83 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049416.D

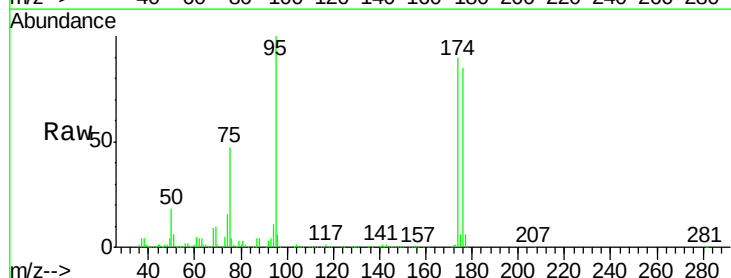
Acq: 20 Jun 2018 5:21

Tgt Ion: 75 Resp: 349383

Ion Ratio Lower Upper

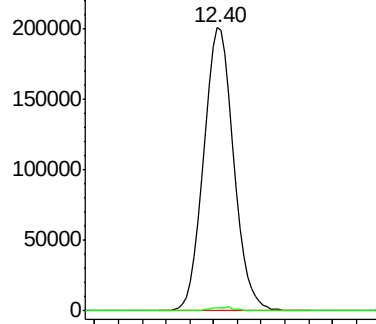
75 100

77 1.2 0.0 0.0#

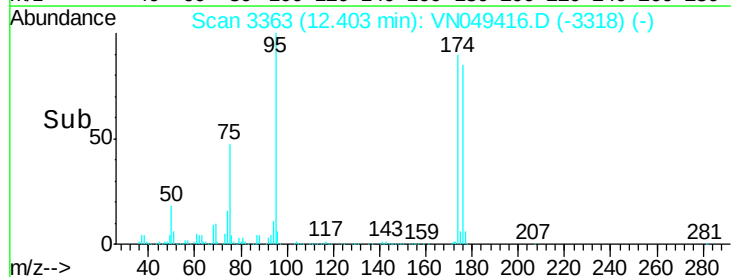


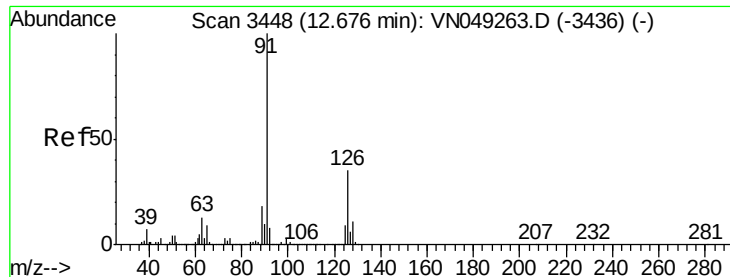
Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time-->





#79

2-Chlorotoluene

Concen: 0.33 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

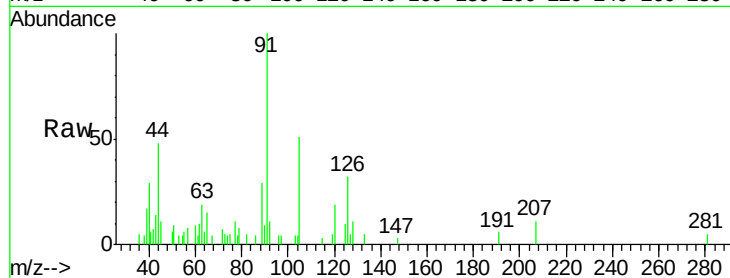
ClientSampleId :

Tot Ion: 91 Resp: 10011

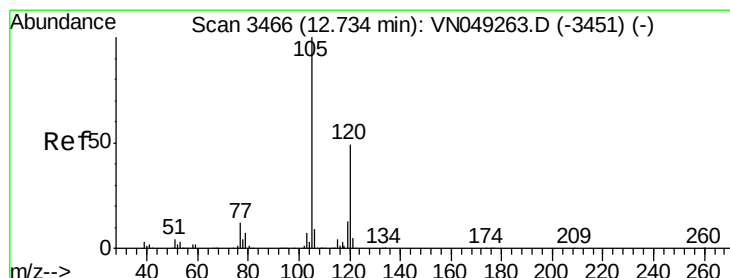
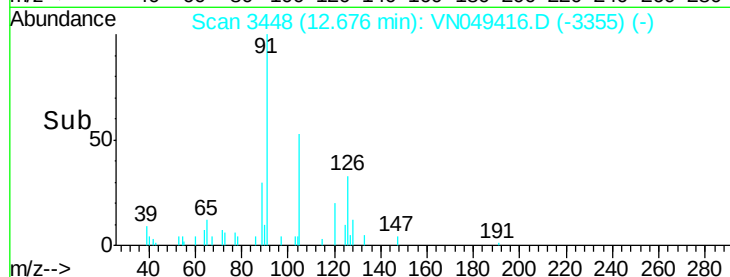
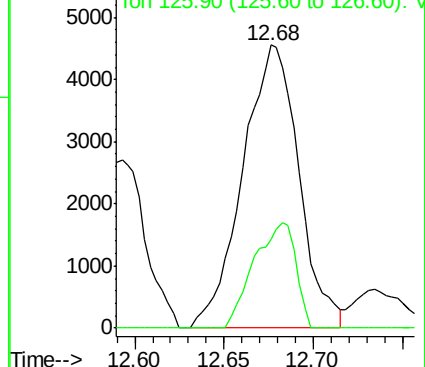
Ion Ratio Lower Upper

91 100

126 27.8 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049416.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.27 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049416.D

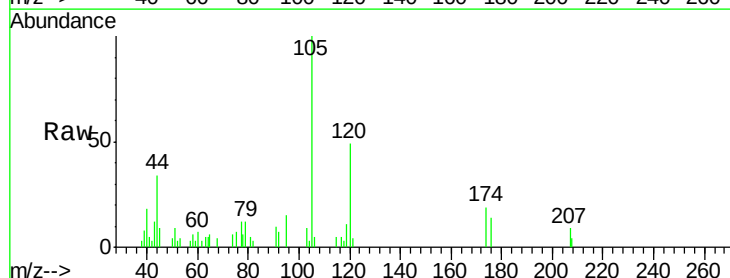
Acq: 20 Jun 2018 5:21

Tgt Ion: 105 Resp: 9395

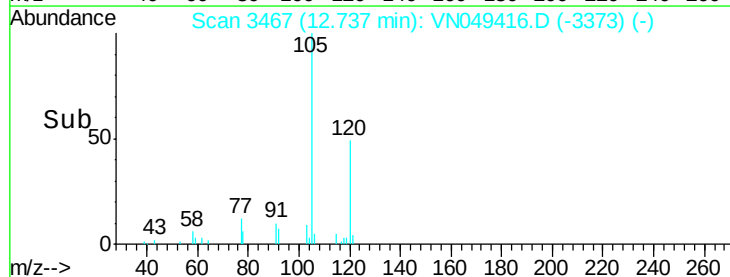
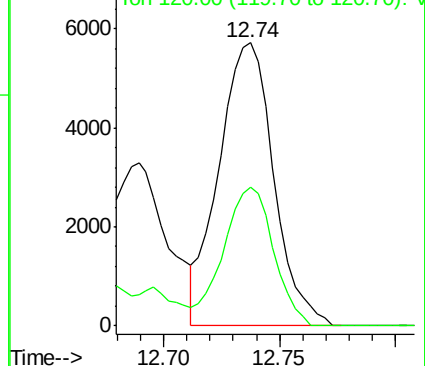
Ion Ratio Lower Upper

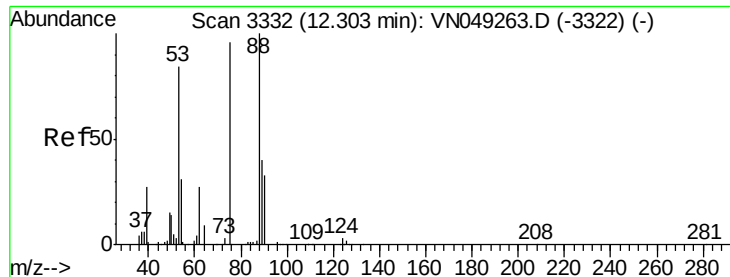
105 100

120 44.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049416.D (-3373) (-)

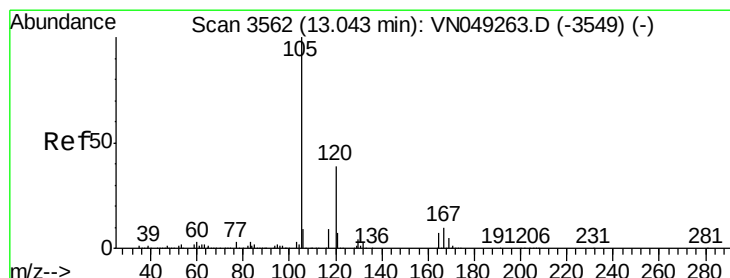
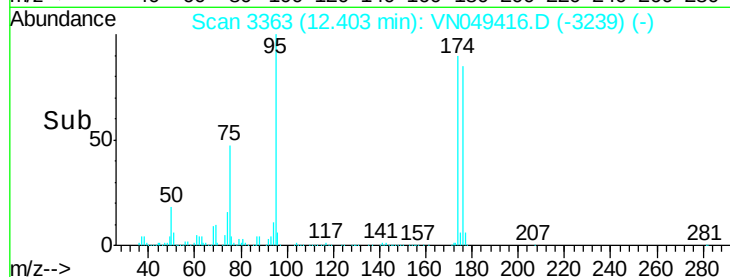
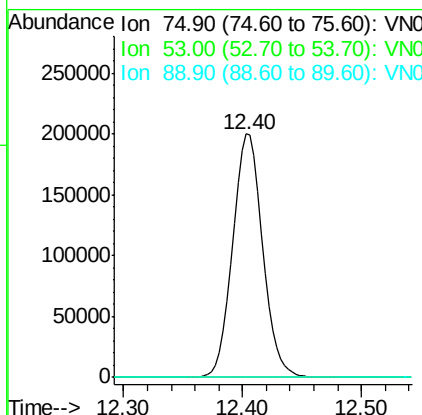
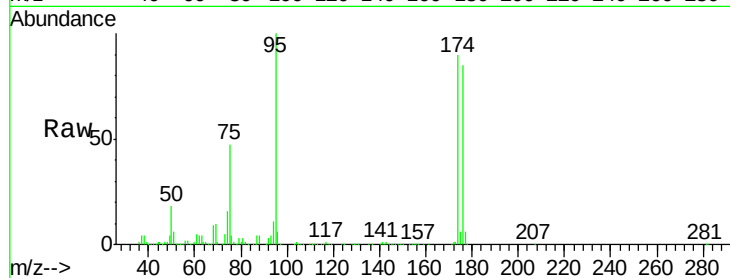




#81
trans-1,4-Dichloro-2-butene
Concen: 129.06 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

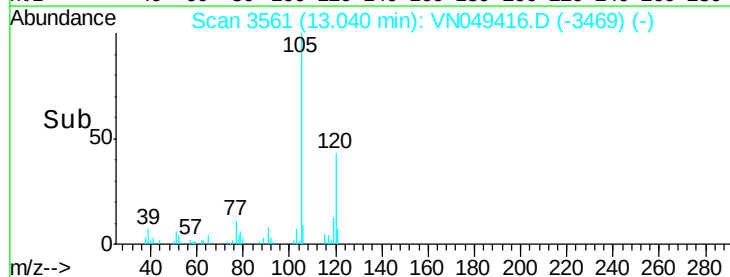
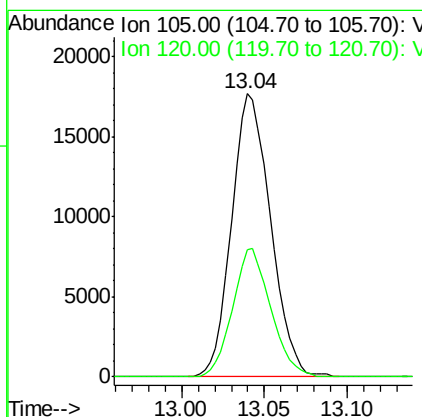
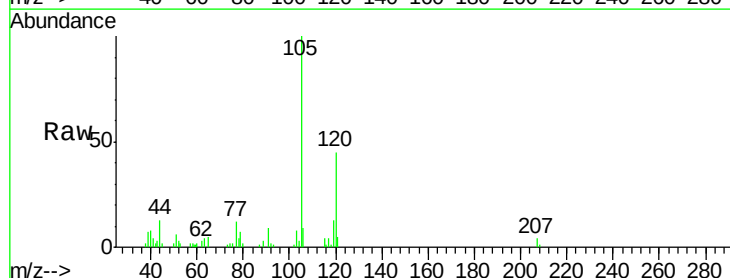
Instrument :
MSVOA_N
ClientSampleId :

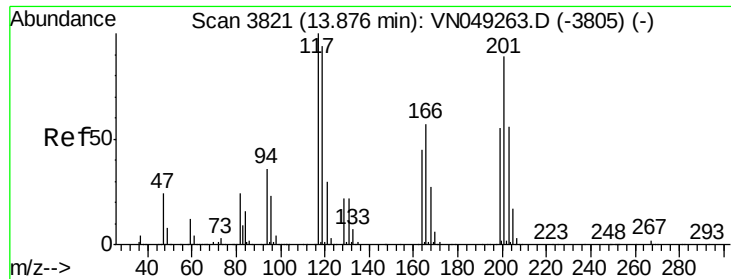
Tot Ion: 75 Resp: 349383
Ion Ratio Lower Upper
75 100
53 0.2 82.7 124.1#
89 0.0 36.5 54.7#



#84
1,2,4-Trimethylbenzene
Concen: 0.84 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN049416.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 105 Resp: 28920
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3822

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

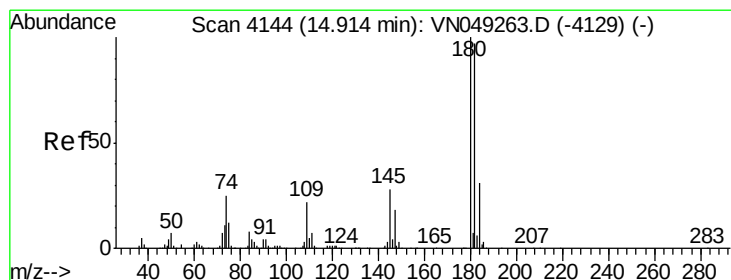
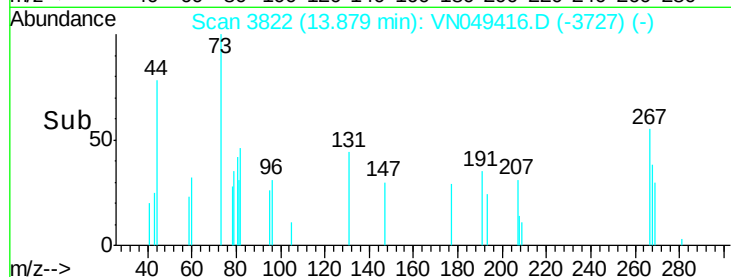
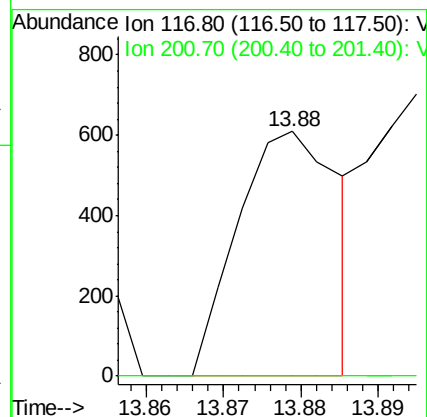
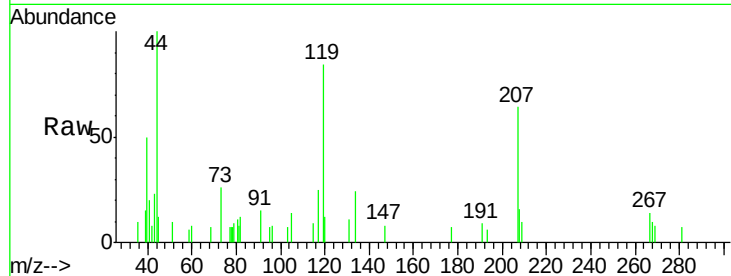
ClientSampleId :

Tot Ion:117 Resp: 553

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#



#93

1,2,4-Trichlorobenzene

Concen: 4.85 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

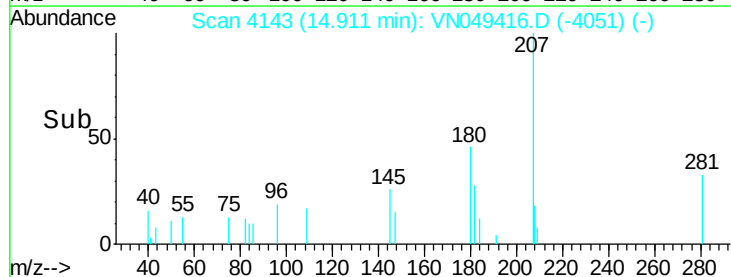
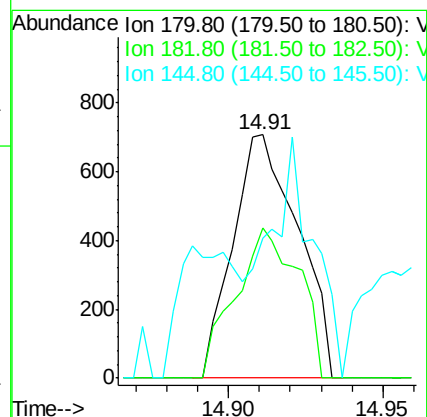
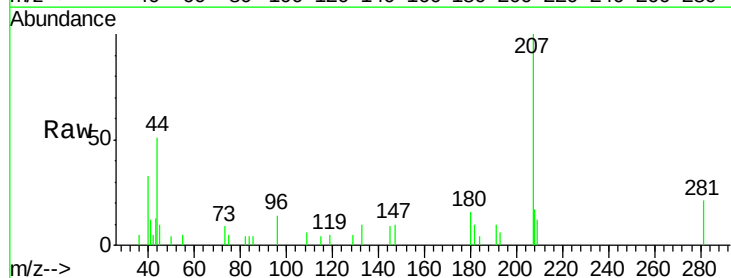
Tgt Ion:180 Resp: 1036

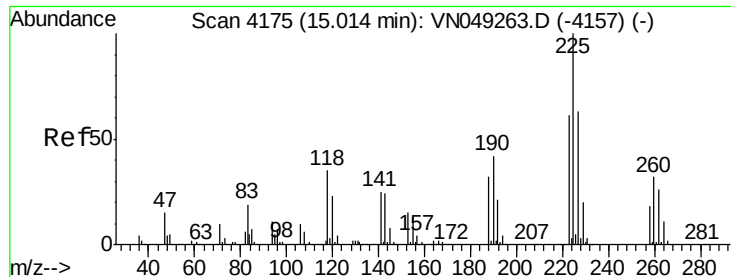
Ion Ratio Lower Upper

180 100

182 59.7 46.9 140.8

145 68.4 14.7 44.1#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN049416.D

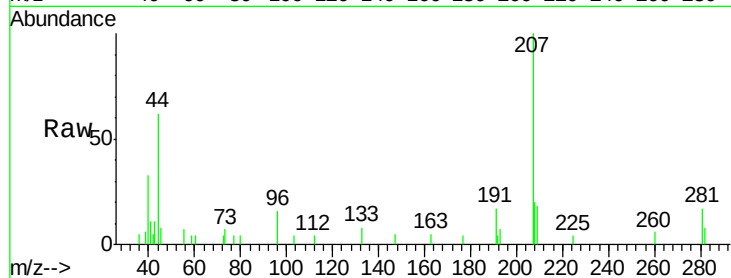
Acq: 20 Jun 2018 5:21

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	225	Resp:	134
Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.1	96.3#
227	0.0	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

15.01

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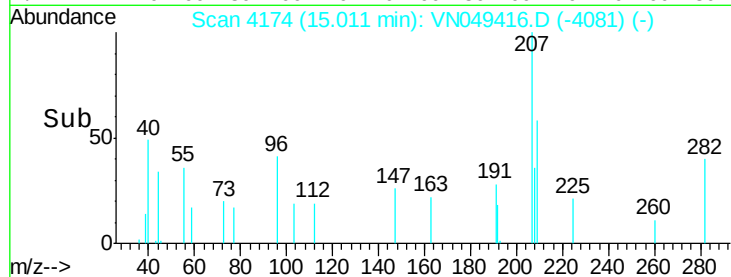
15.01

15.01

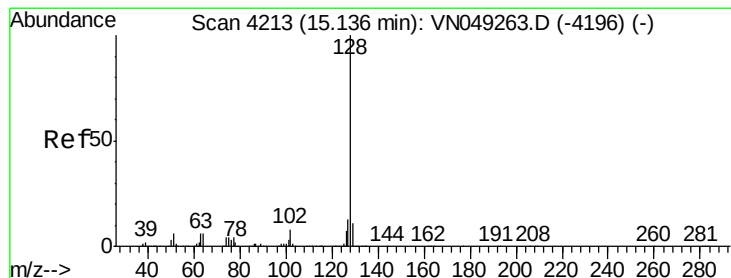
15.01

15.01

15.01



Time-->



#95

Naphthalene

Concen: 15.55 ug/l

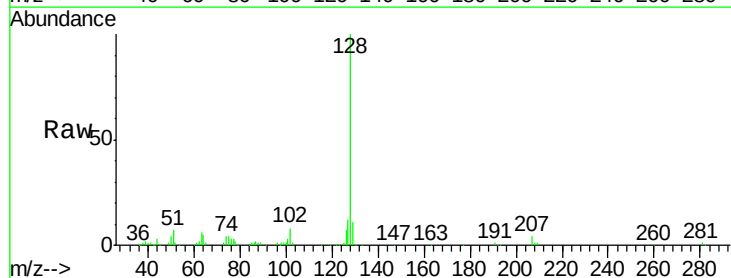
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049416.D

Acq: 20 Jun 2018 5:21

Tgt Ion:	128	Resp:	194599
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.0	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.14

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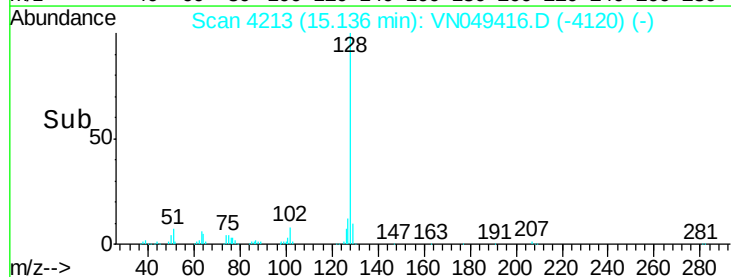
15.14

15.14

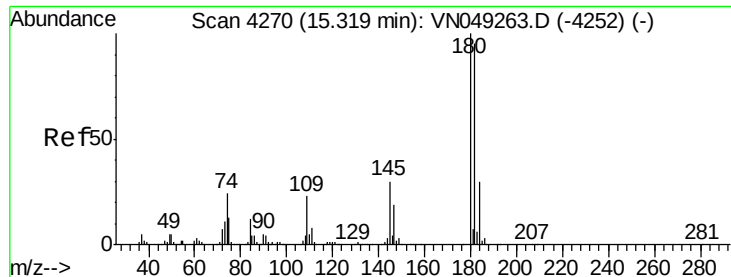
15.14

15.14

15.14



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 3.51 ug/l
 RT: 15.31 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: VN049416.D
 Acq: 20 Jun 2018 5:21

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.8
145	110.2	15.6	46.7

