

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049296.D
 Acq On : 16 Jun 2018 8:09
 Operator : MD\SY
 Sample : J3505-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 01:13:45 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	1504783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2388413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1884707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	554564	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	954300	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
35) Dibromofluoromethane	7.59	113	864804	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	
50) Toluene-d8	10.09	98	3271769	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	
62) 4-Bromofluorobenzene	12.40	95	792686	32.58	ug/l	0.00
Spiked Amount			Recovery	=	65.16%	

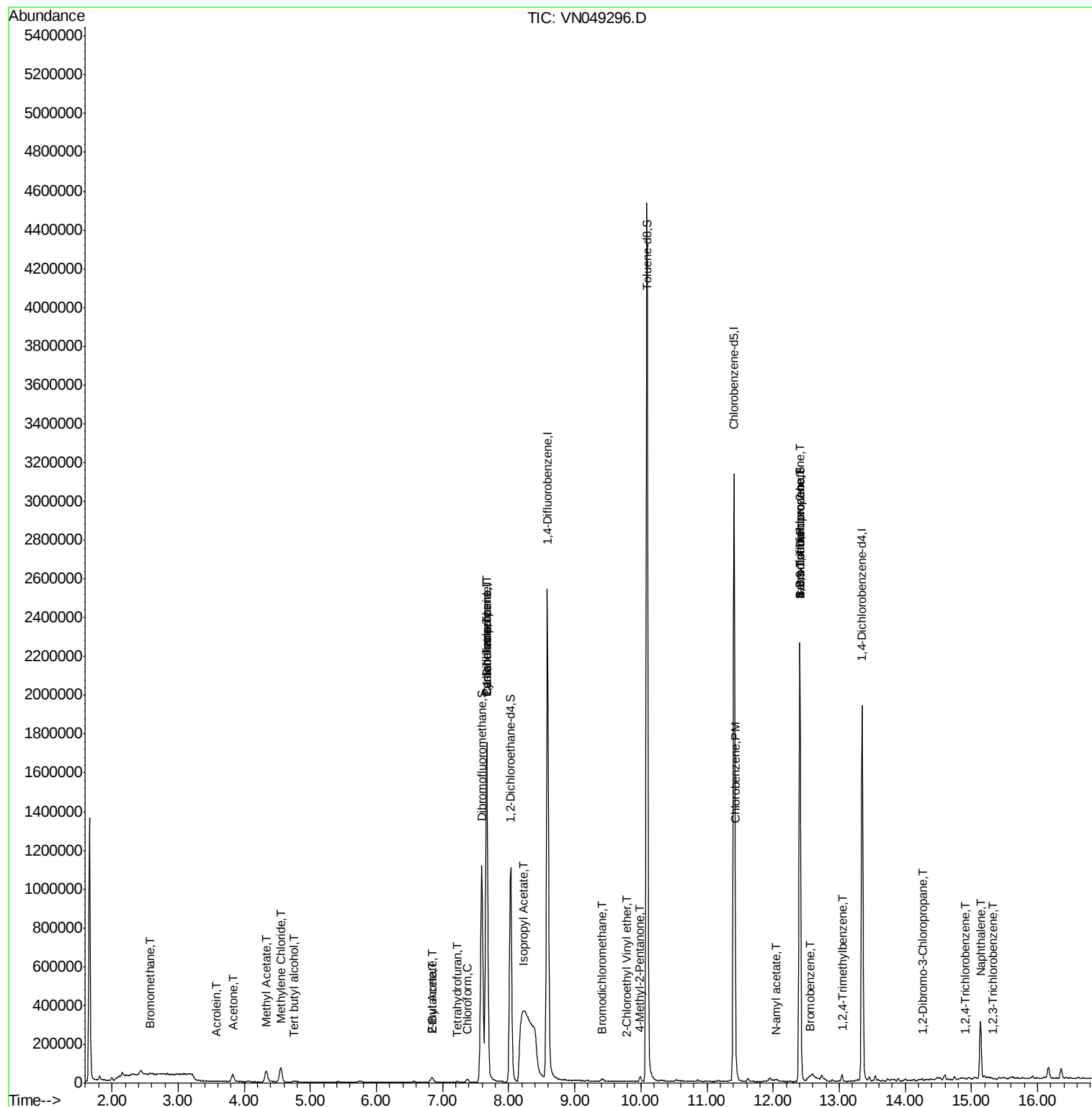
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	3232	0.26	ug/l	81
11) Tert butyl alcohol	4.74	59	2002	1.71	ug/l #	70
13) Acrolein	3.60	56	285	0.23	ug/l #	77
16) Acetone	3.82	43	64163	13.24	ug/l	90
18) Methyl Acetate	4.33	43	116041	7.85	ug/l	98
20) Methylene Chloride	4.55	84	56414	2.79	ug/l #	87
25) 2-Butanone	6.85	43	17287	2.66	ug/l	99
29) Tetrahydrofuran	7.21	42	1179	0.28	ug/l #	79
30) Chloroform	7.37	83	16435	0.47	ug/l	90
31) Cyclohexane	7.67	56	27430	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	105620	3.86	ug/l #	51
37) Ethyl Acetate	6.85	43	17287	1.16	ug/l #	72
38) Carbon Tetrachloride	7.67	117	136765	4.83	ug/l #	17
43) Isopropyl Acetate	8.22	43	468410	16.47	ug/l #	64
47) Bromodichloromethane	9.40	83	7782	0.28	ug/l	86
51) 4-Methyl-2-Pentanone	9.99	43	19289	1.29	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.77	63	64	14.33	ug/l #	51
65) Chlorobenzene	11.44	112	11074	0.23	ug/l	89
71) Bromoform	12.41	173	5971	0.50	ug/l #	1
74) N-amyl acetate	12.04	43	3562	0.30	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.49	83	95	Below Cal	#	93
76) 1,2,3-Trichloropropane	12.40	75	387492	40.95	ug/l #	100
77) Bromobenzene	12.55	156	17199	1.34	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	387492	129.43	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	17366	0.46	ug/l	98
90) Hexachloroethane	13.90	117	746	Below Cal	#	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	349	0.21	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	407	4.78	ug/l #	1
94) Hexachlorobutadiene	15.01	225	125	Below Cal	#	18
95) Naphthalene	15.14	128	268479	18.72	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	520	3.51	ug/l #	30

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

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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# 1890

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

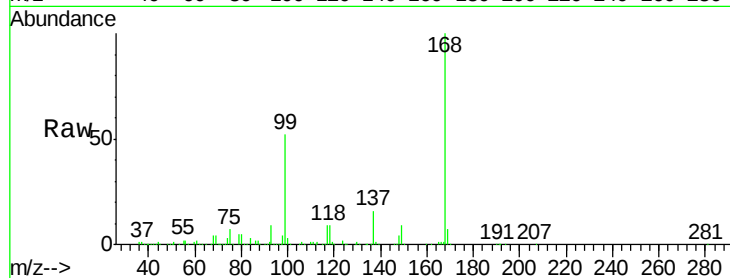
ClientSampleId :

Tot Ion:168 Resp: 1504783

Ion Ratio Lower Upper

168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

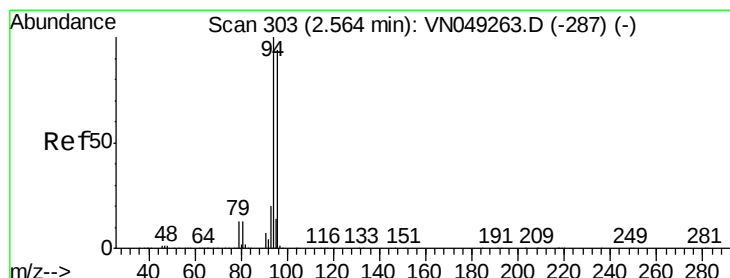
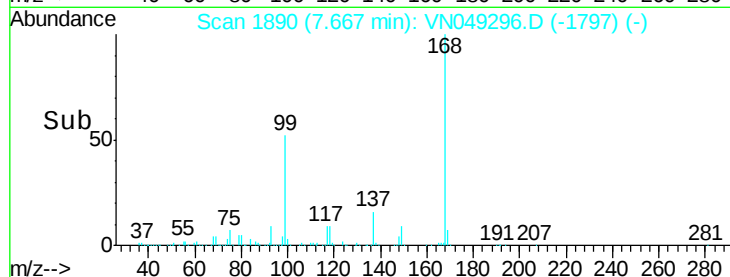
600000

400000

200000

0

Time-->



#5

Bromomethane

Concen: 0.26 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049296.D

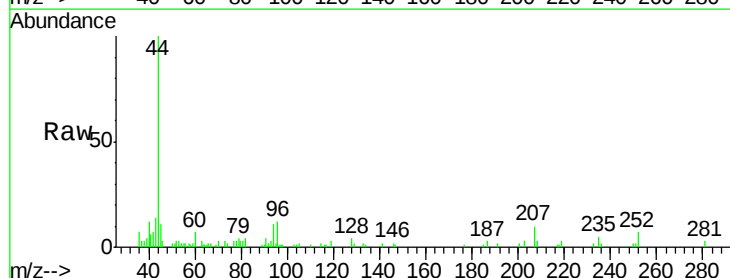
Acq: 16 Jun 2018 8:09

Tgt Ion: 94 Resp: 3232

Ion Ratio Lower Upper

94 100

96 72.9 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

2000

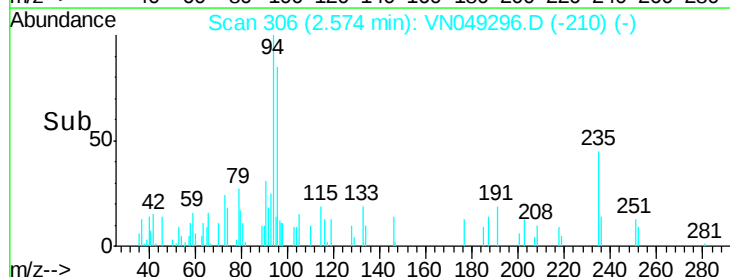
1500

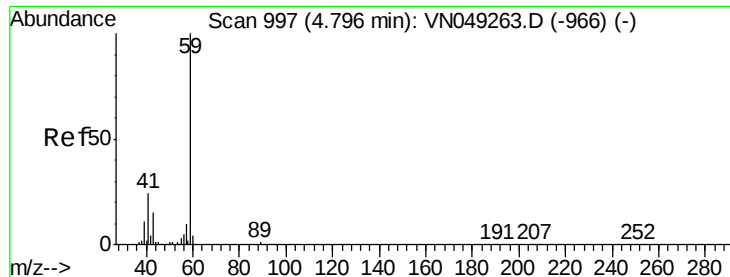
1000

500

0

Time-->



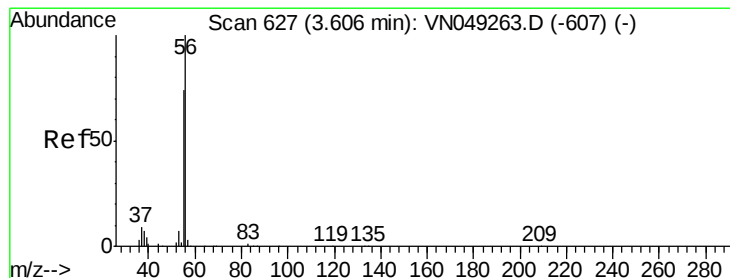
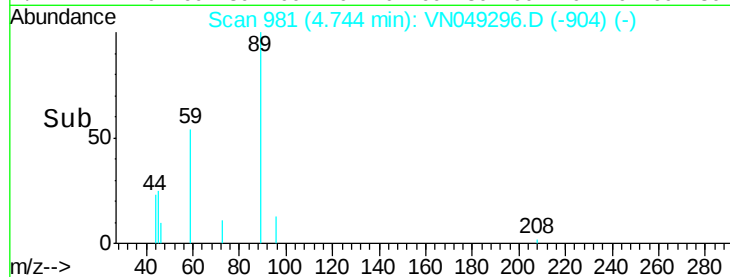
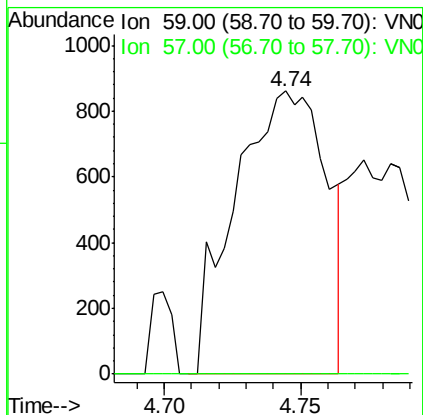
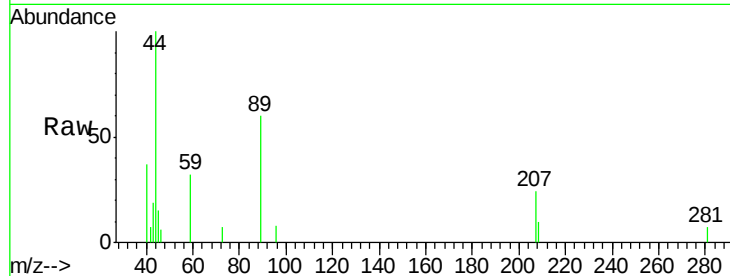


#11

Tert butyl alcohol
 Concen: 1.71 ug/l
 RT: 4.74 min Scan# 981
 Delta R.T. -0.05 min
 Lab File: VN049296.D
 Acq: 16 Jun 2018 8:09

Instrument :
 MSVOA_N
 ClientSampled :

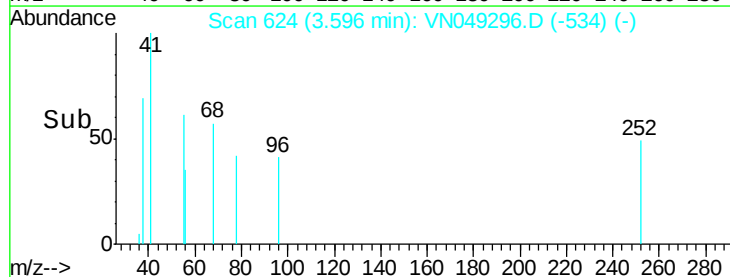
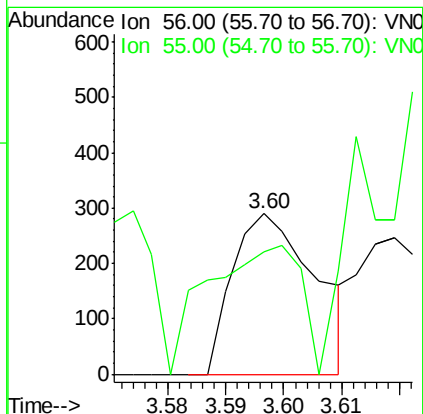
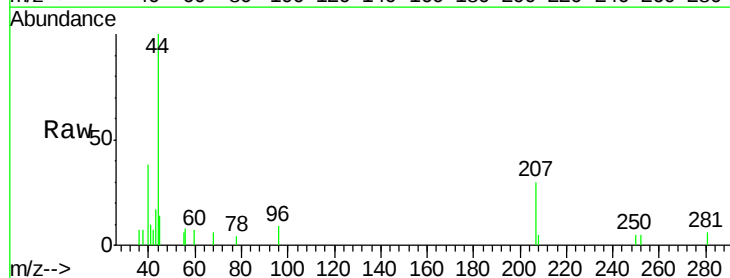
Tot Ion: 59 Resp: 2002
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

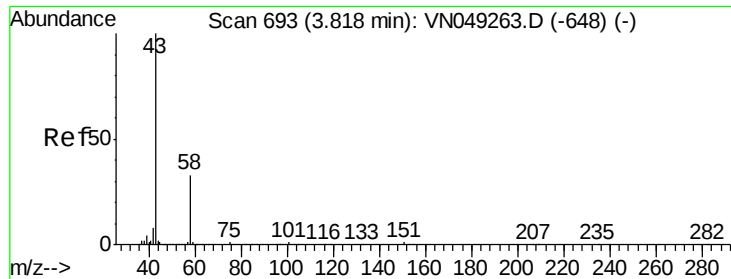


#13

Acrolein
 Concen: 0.23 ug/l
 RT: 3.60 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: VN049296.D
 Acq: 16 Jun 2018 8:09

Tgt Ion: 56 Resp: 285
 Ion Ratio Lower Upper
 56 100
 55 90.9 57.1 85.7#





#16

Acetone

Concen: 13.24 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

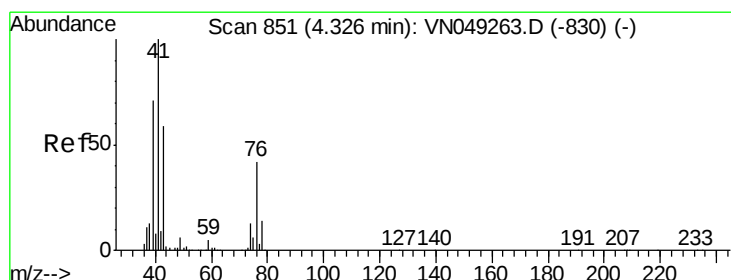
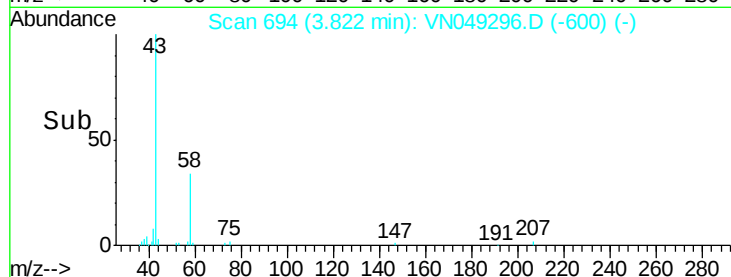
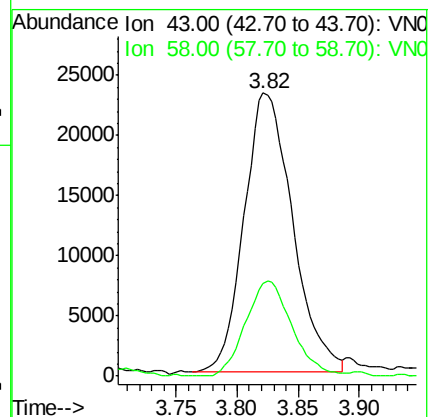
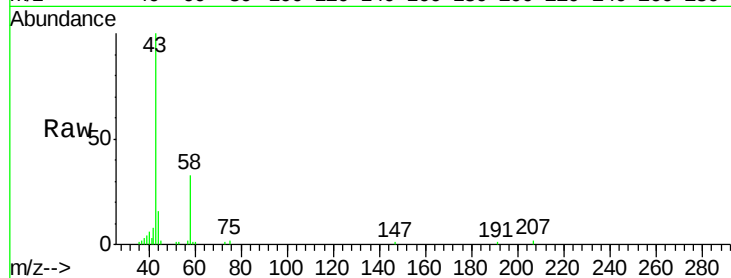
ClientSampleId :

Tot Ion: 43 Resp: 64163

Ion Ratio Lower Upper

43 100

58 33.3 22.4 33.6



#18

Methyl Acetate

Concen: 7.85 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049296.D

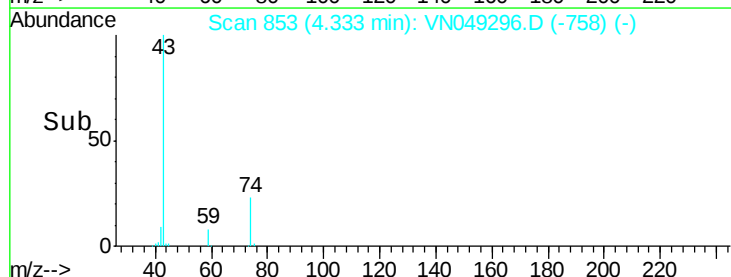
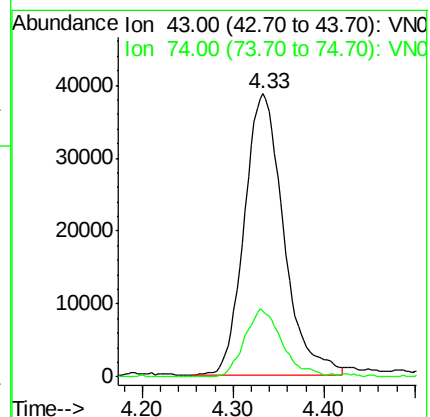
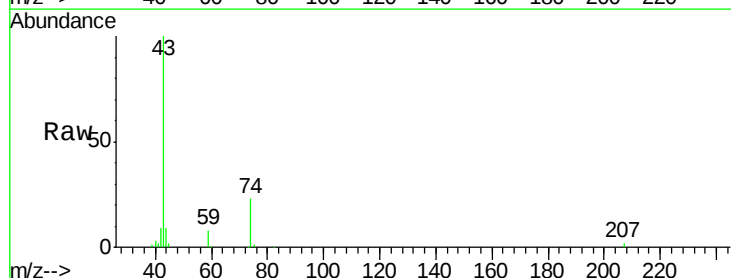
Acq: 16 Jun 2018 8:09

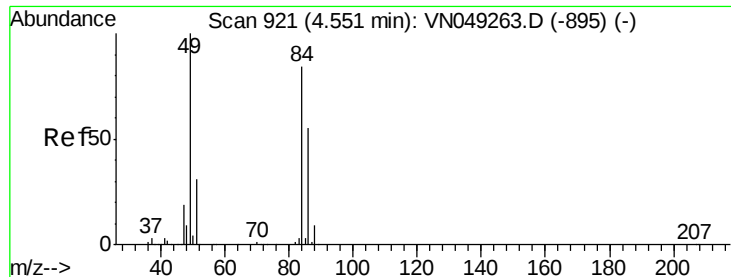
Tgt Ion: 43 Resp: 116041

Ion Ratio Lower Upper

43 100

74 22.8 17.4 26.0

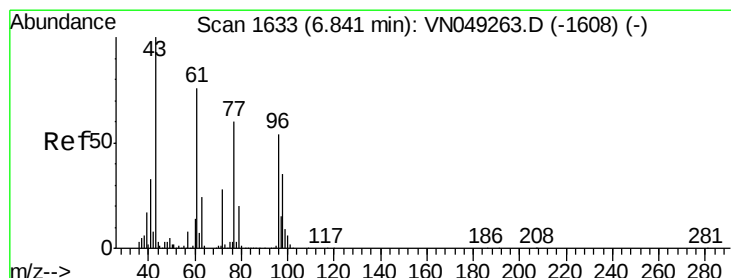
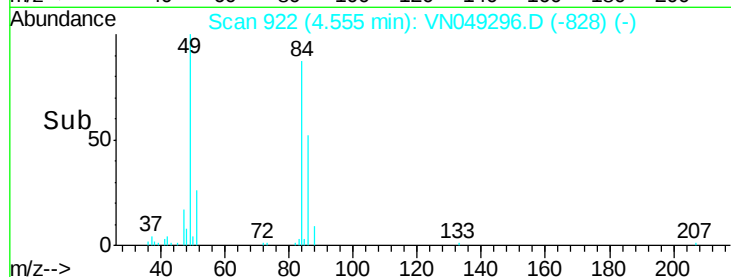
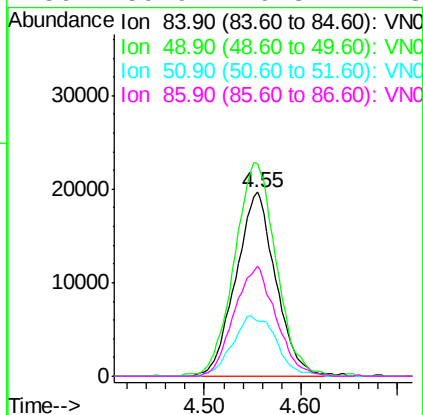
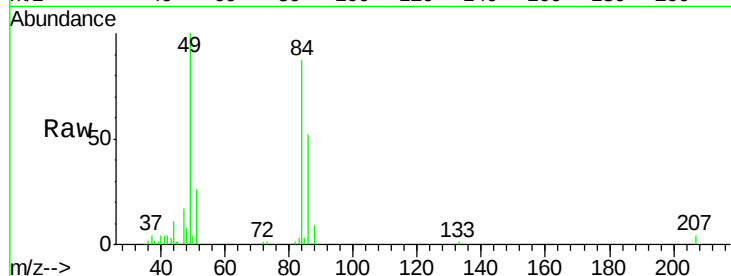




#20
Methvlene Chloride
Concen: 2.79 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

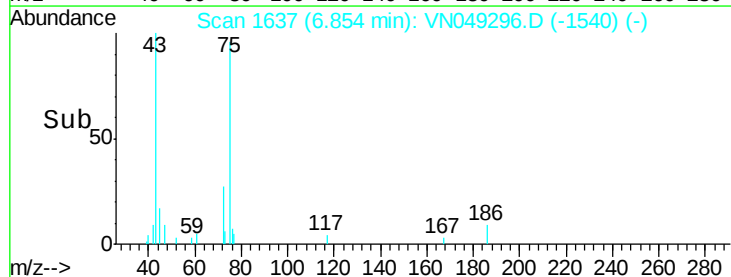
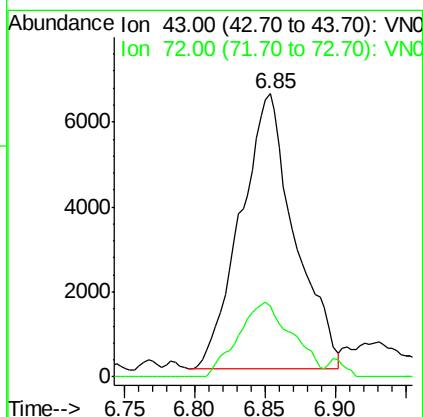
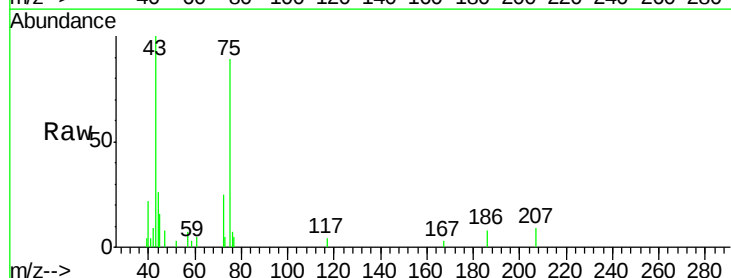
Instrument :
MSVOA_N
ClientSampleId :

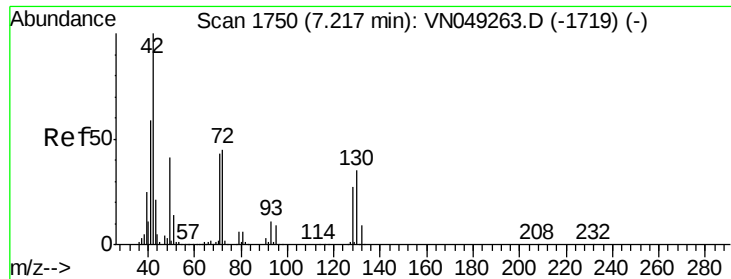
Tot Ion: 84 Resp: 56414
Ion Ratio Lower Upper
84 100
49 115.3 106.9 160.3
51 29.6 32.7 49.1#
86 59.9 49.8 74.8



#25
2-Butanone
Concen: 2.66 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

Tgt Ion: 43 Resp: 17287
Ion Ratio Lower Upper
43 100
72 25.9 20.2 30.2

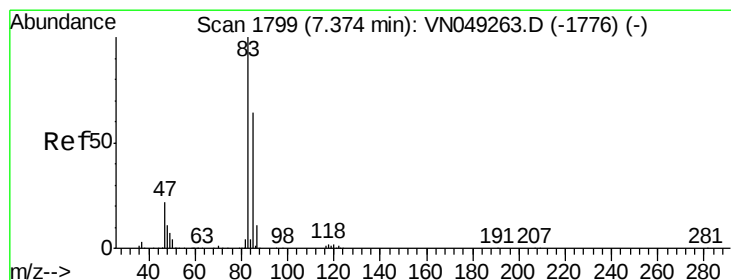
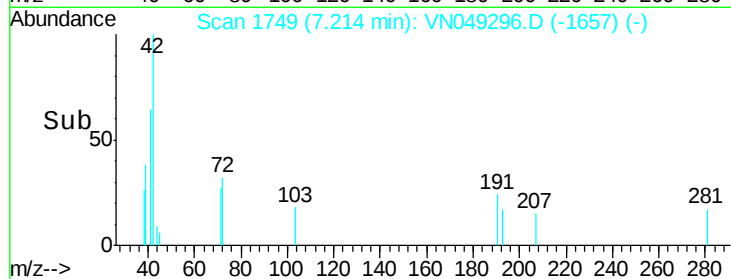
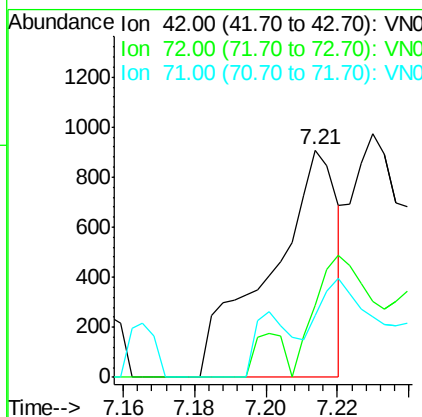
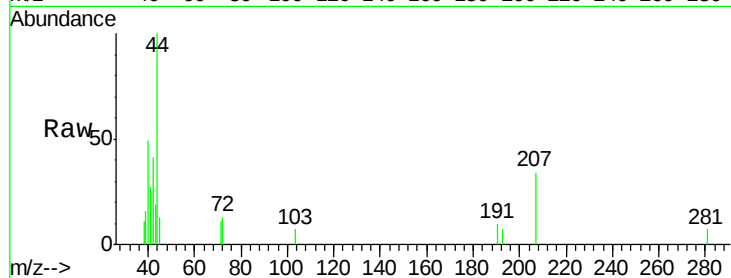




#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

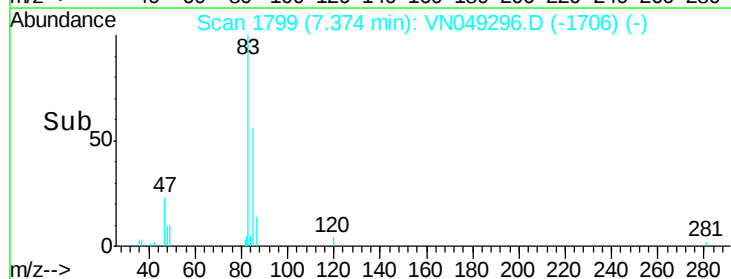
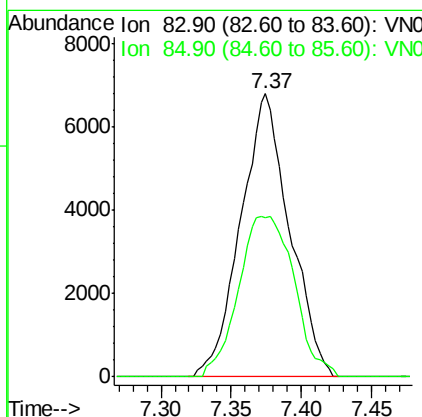
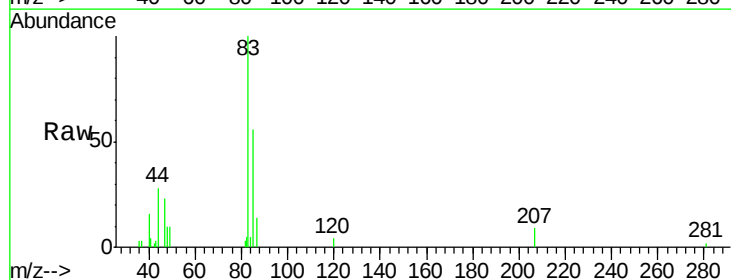
Instrument :
MSVOA_N
ClientSampled :

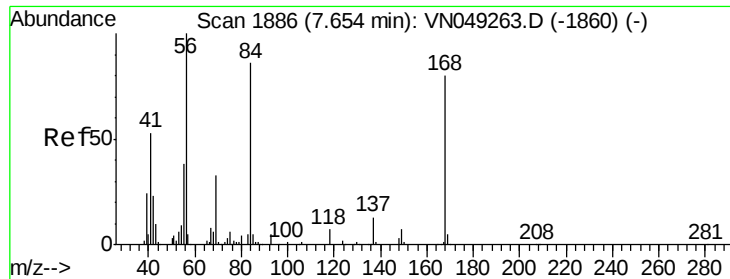
Tot Ion: 42 Resp: 1179
Ion Ratio Lower Upper
42 100
72 45.5 32.2 48.4
71 17.8 30.5 45.7#



#30
Chloroform
Concen: 0.47 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

Tgt Ion: 83 Resp: 16435
Ion Ratio Lower Upper
83 100
85 56.5 51.7 77.5

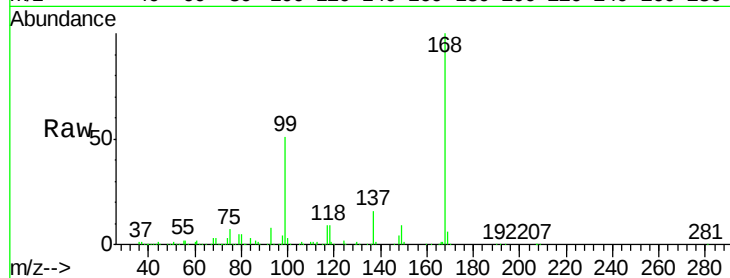




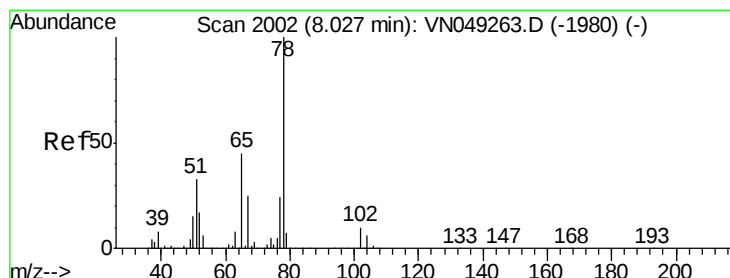
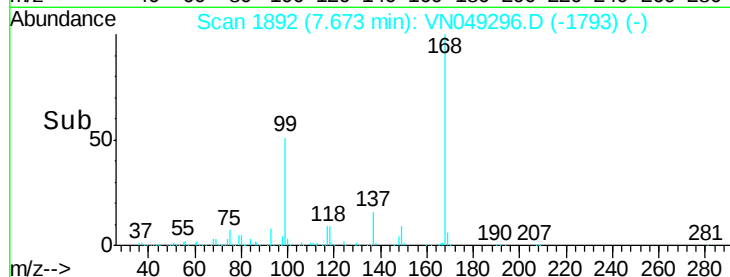
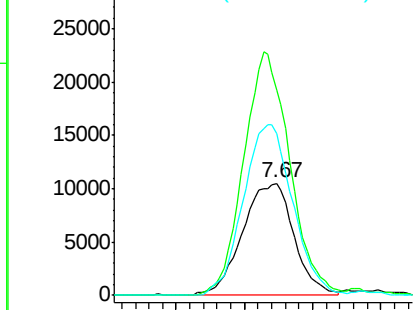
#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.67 min Scan# 1892
Delta R.T. 0.02 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 27430
Ion Ratio Lower Upper
56 100
69 182.7 25.0 37.4#
84 144.0 64.6 96.8#

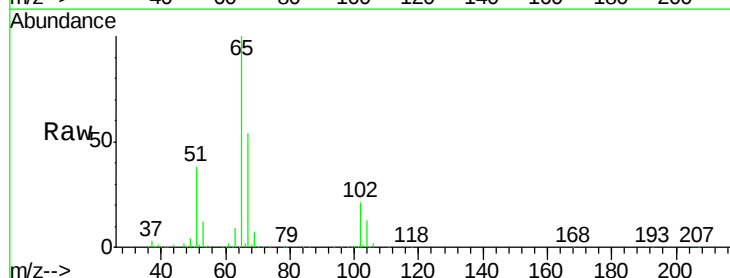


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

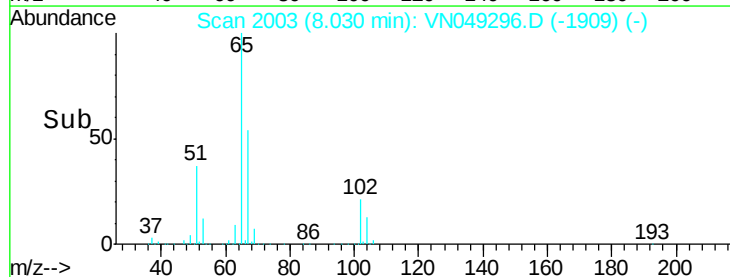
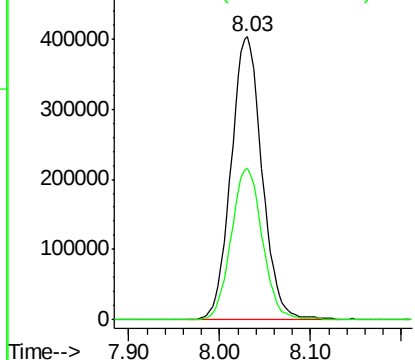


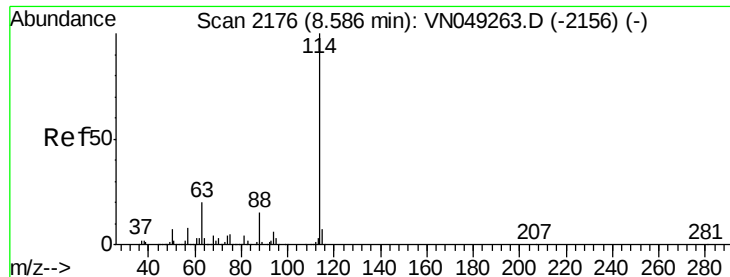
#33
1,2-Dichloroethane-d4
Concen: 47.81 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

Tgt Ion: 65 Resp: 954300
Ion Ratio Lower Upper
65 100
67 53.9 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: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

ClientSampleId :

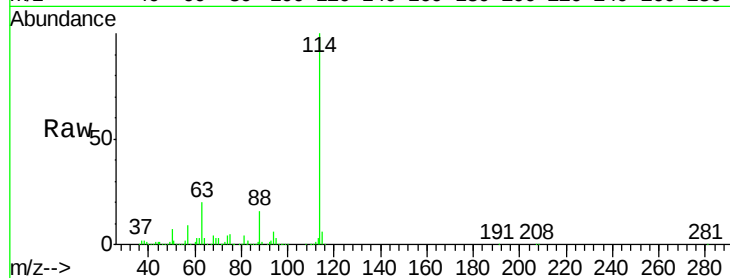
Tot Ion:114 Resp: 2388413

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

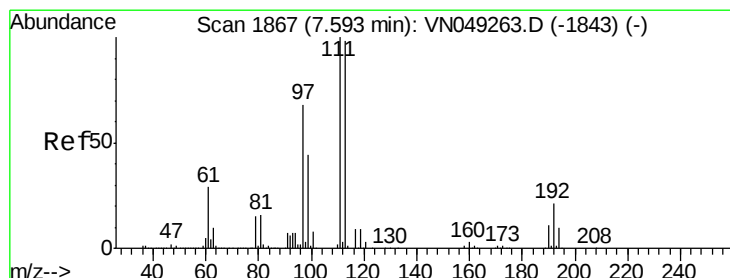
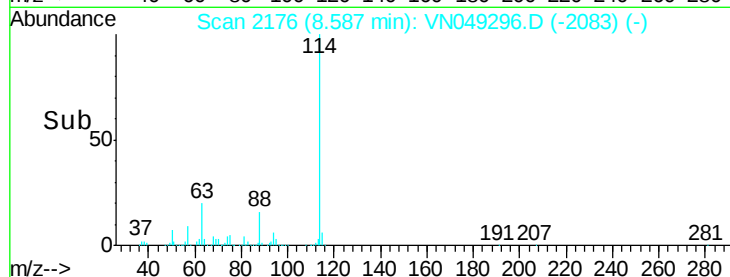
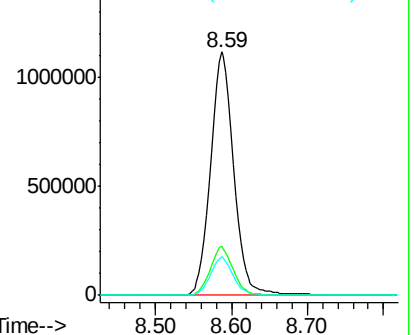
88 15.7 0.0 31.4



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: 44.75 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

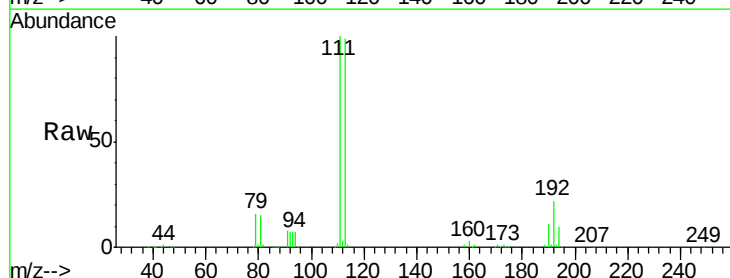
Tgt Ion:113 Resp: 864804

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

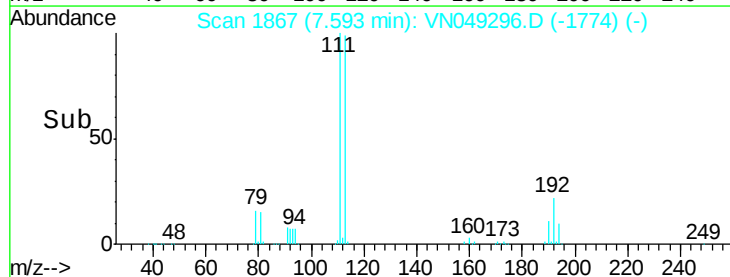
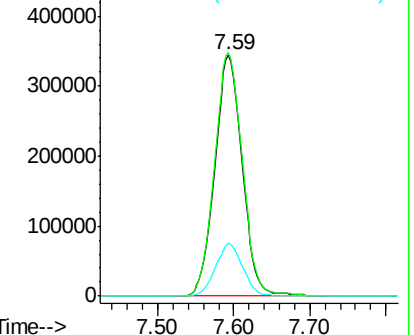
192 21.7 15.0 22.6

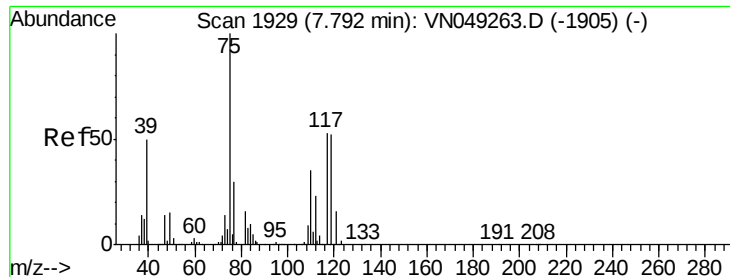


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.86 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

ClientSampleId :

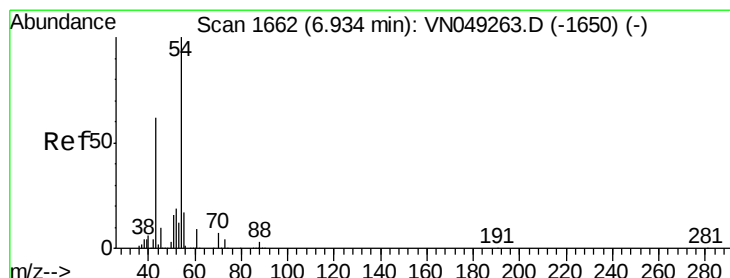
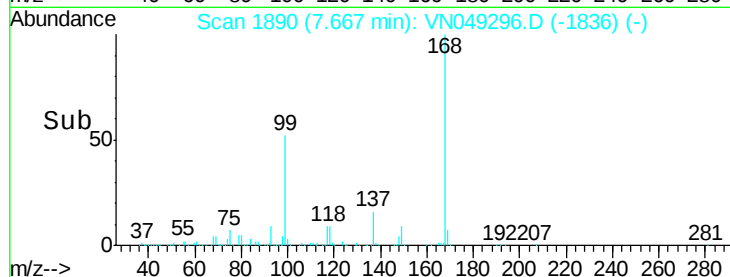
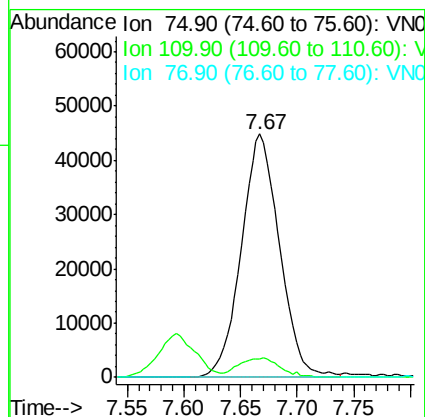
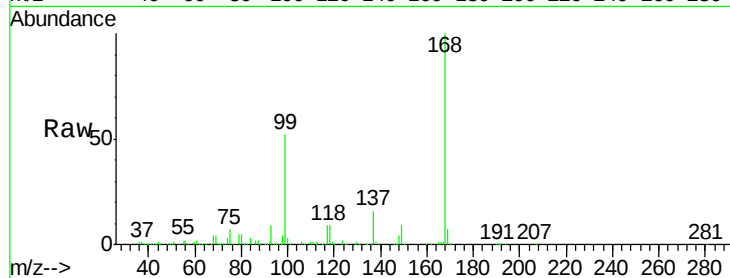
Tot Ion: 75 Resp: 105620

Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.16 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

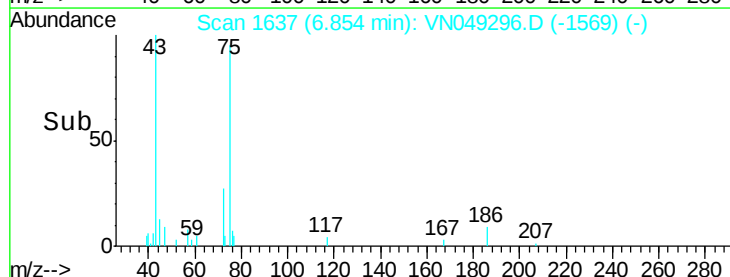
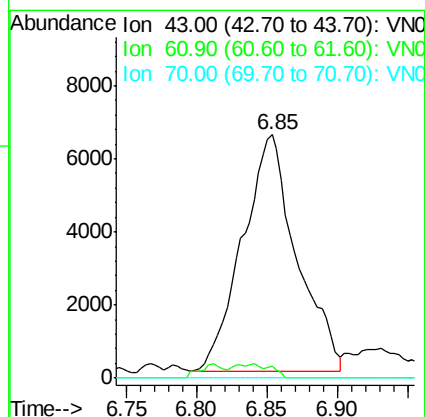
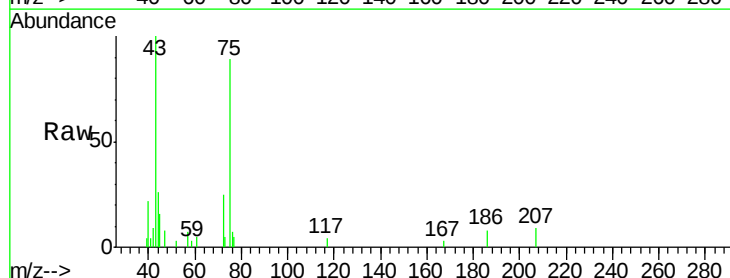
Tgt Ion: 43 Resp: 17287

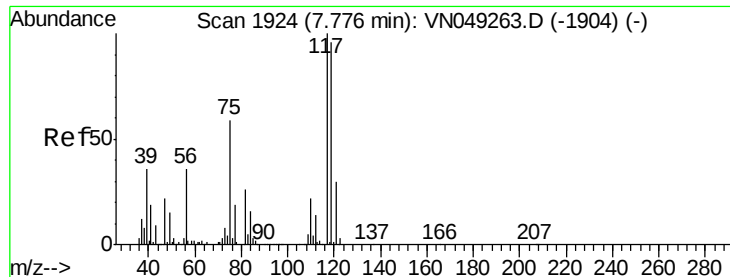
Ion Ratio Lower Upper

43 100

61 1.3 11.0 16.4#

70 0.0 7.2 10.8#

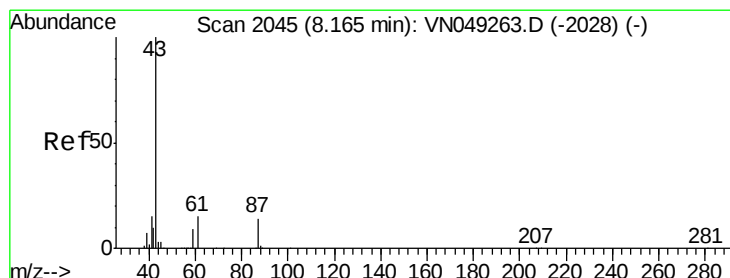
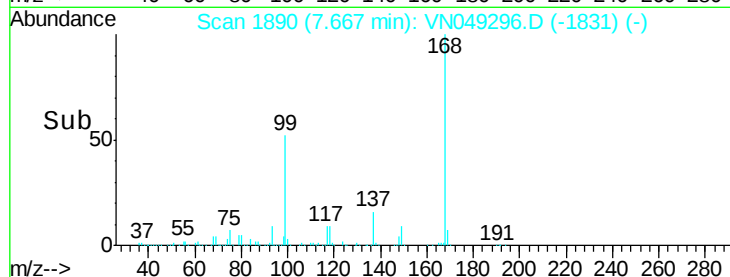
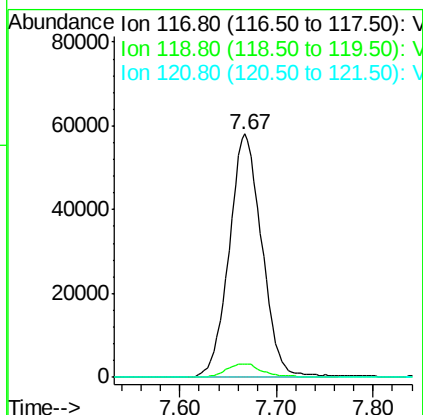
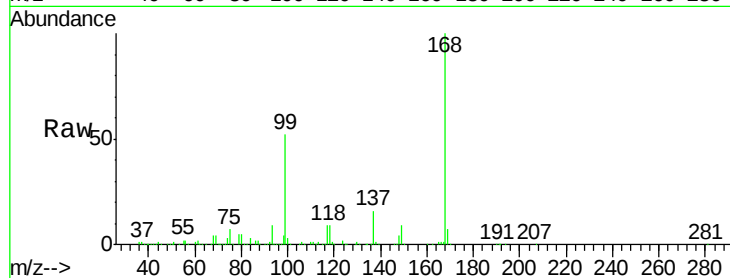




#38
Carbon Tetrachloride
Concen: 4.83 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

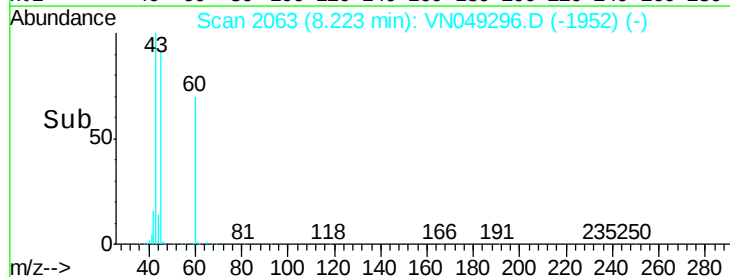
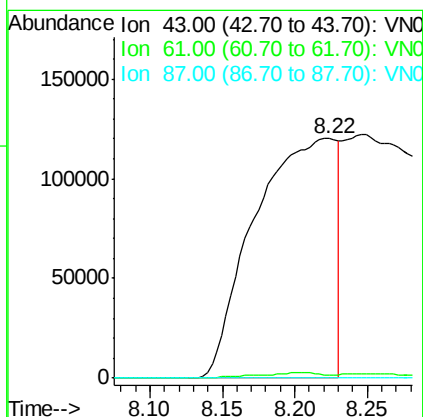
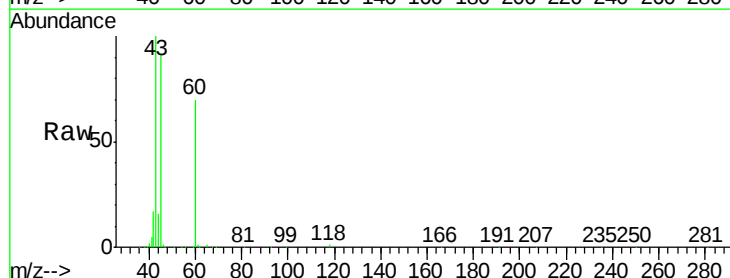
Instrument :
MSVOA_N
ClientSampleId :

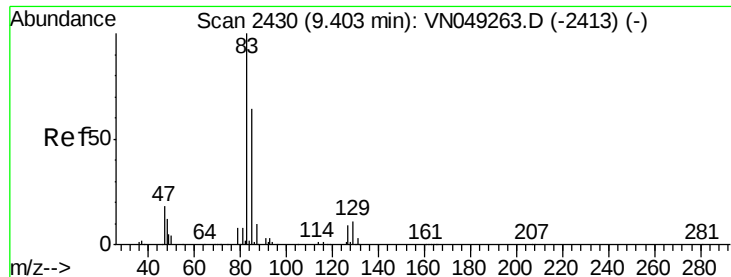
Tot Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.6	113.4#
121	0.0	24.7	37.1#



#43
Isopropyl Acetate
Concen: 16.47 ug/l
RT: 8.22 min Scan# 2063
Delta R.T. 0.06 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.1	14.2	21.4#
87	0.0	9.4	14.0#





#47

Bromodichloromethane

Concen: 0.28 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :
MSVOA_N
ClientSampled :

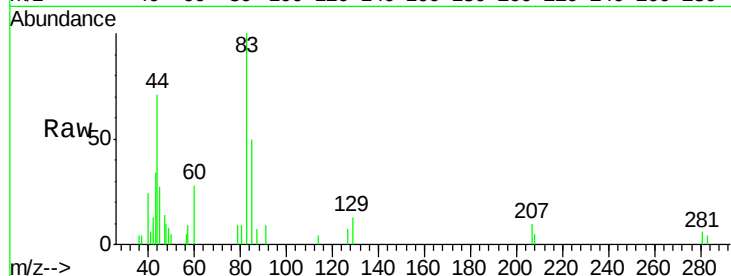
Tot Ion: 83 Resp: 7782

Ion Ratio Lower Upper

83 100

85 50.0 49.4 74.0

127 7.2 6.3 9.5

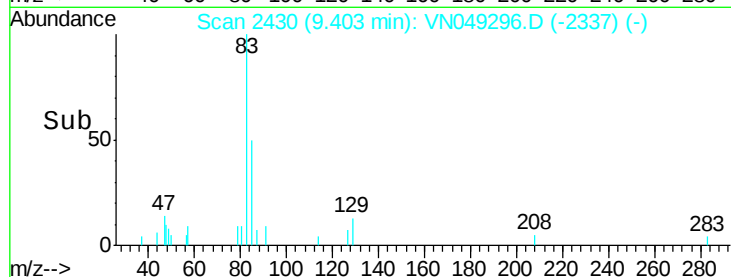


Abundance Ion 82.90 (82.60 to 83.60): VN049296.D (-2337) (-)

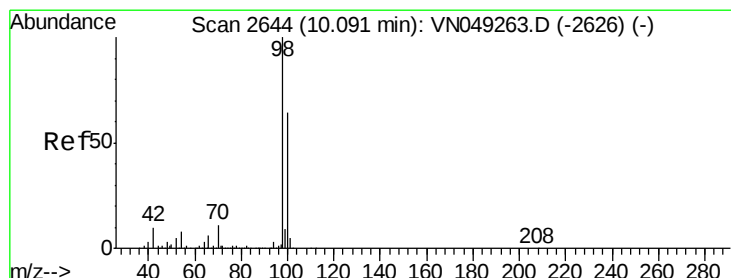
Ion 84.90 (84.60 to 85.60): VN049296.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049296.D (-2337) (-)

Time-->



Time-->



#50

Toluene-d8

Concen: 44.47 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049296.D

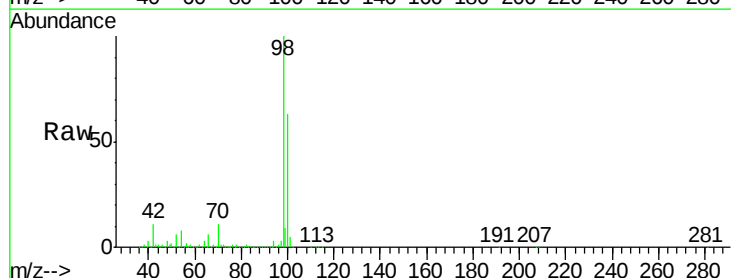
Acq: 16 Jun 2018 8:09

Tgt Ion: 98 Resp: 3271769

Ion Ratio Lower Upper

98 100

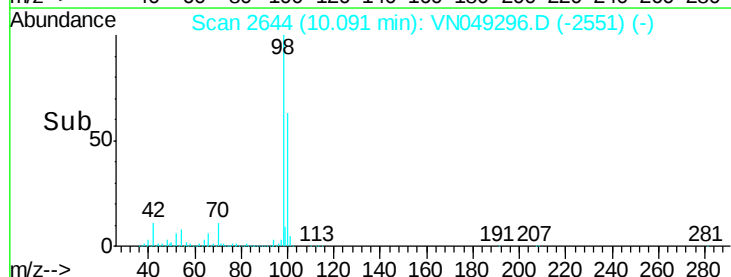
100 63.3 49.8 74.8



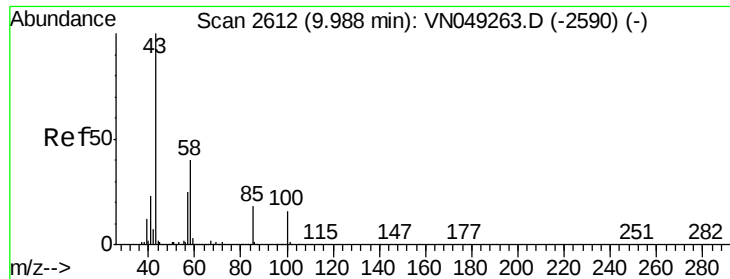
Abundance Ion 98.00 (97.70 to 98.70): VN049296.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049296.D (-2551) (-)

Time-->



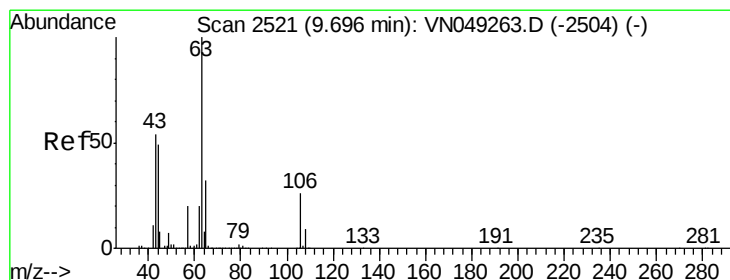
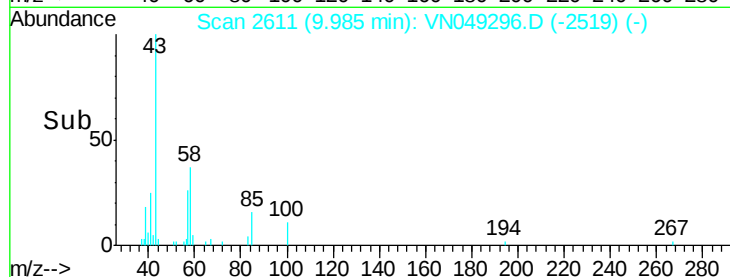
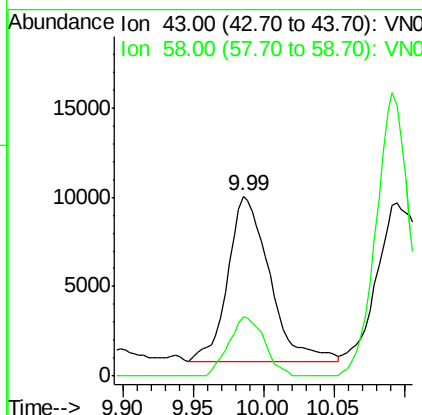
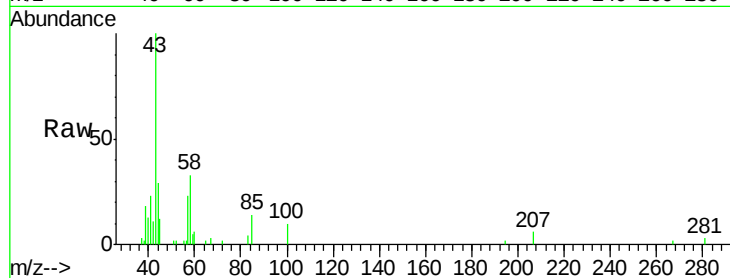
Time-->



#51
4-Methyl-2-Pentanone
Concen: 1.29 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

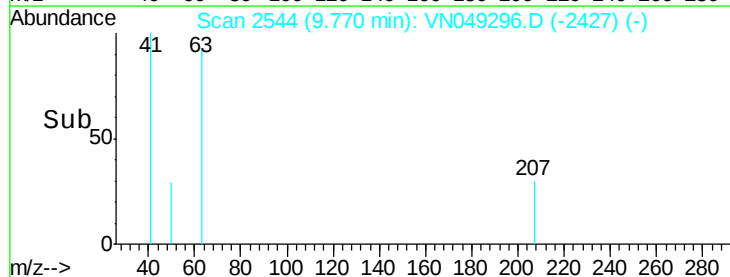
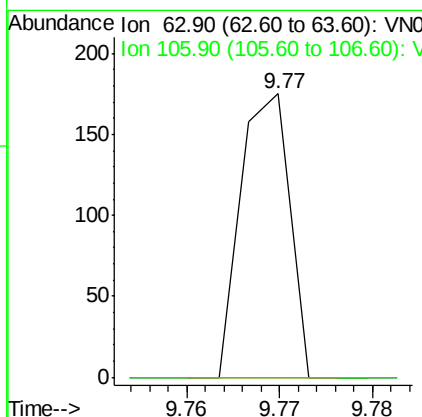
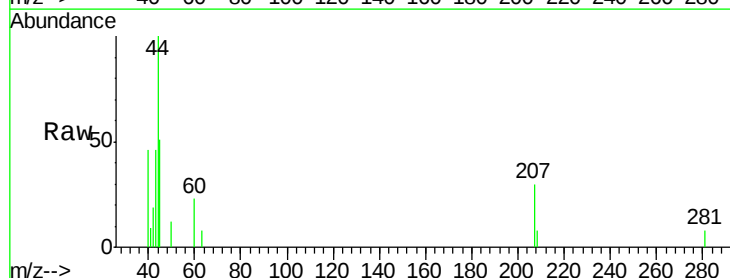
Instrument :
MSVOA_N
ClientSampled :

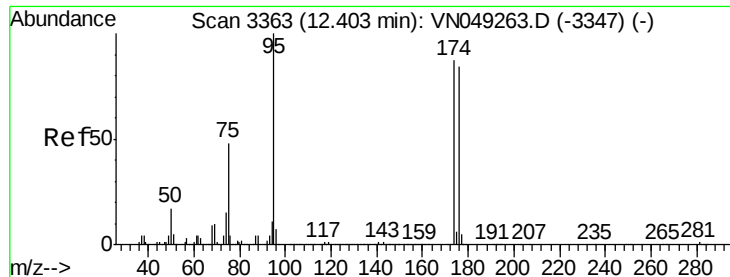
Tot Ion: 43 Resp: 19289
Ion Ratio Lower Upper
43 100
58 30.3 29.0 43.6



#58
2-Chloroethyl Vinyl ether
Concen: 14.33 ug/l
RT: 9.77 min Scan# 2544
Delta R.T. 0.07 min
Lab File: VN049296.D
Acq: 16 Jun 2018 8:09

Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#





#62

4-Bromofluorobenzene

Concen: 32.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

ClientSampleId :

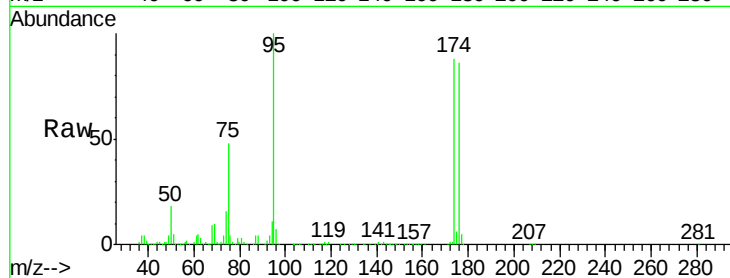
Tot Ion: 95 Resp: 792686

Ion Ratio Lower Upper

95 100

174 88.2 0.0 165.6

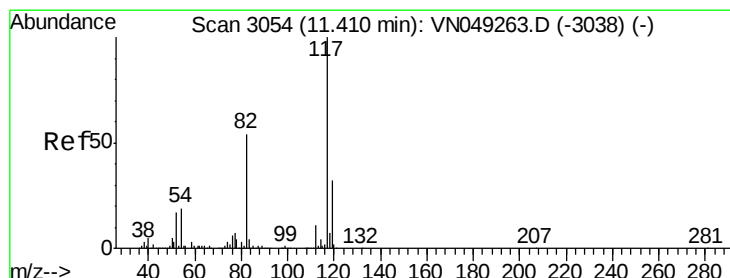
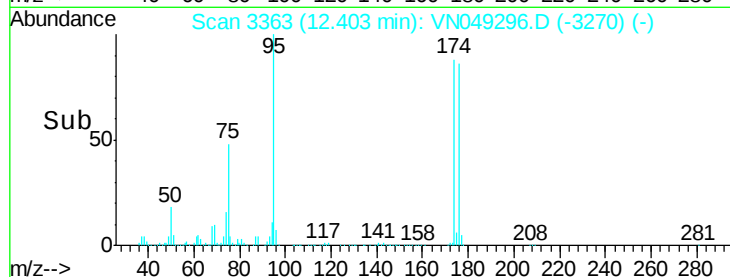
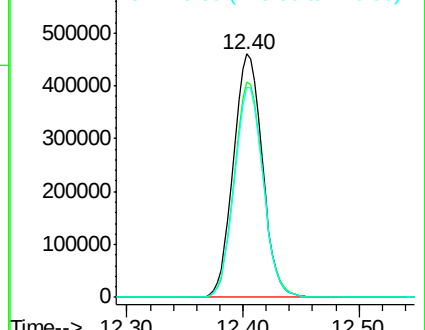
176 86.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049296.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049296.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049296.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

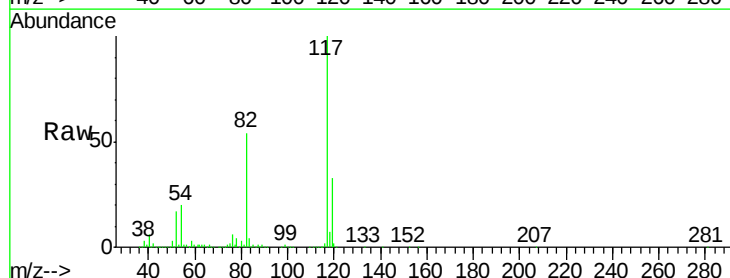
Tgt Ion: 117 Resp: 1884707

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

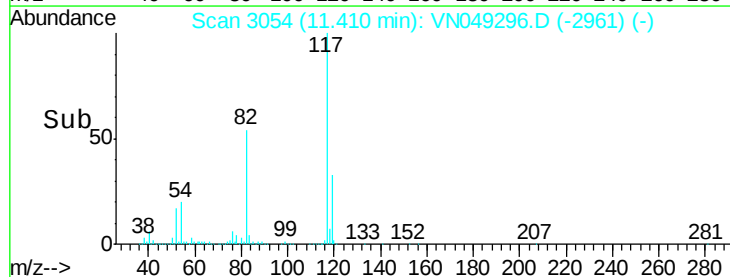
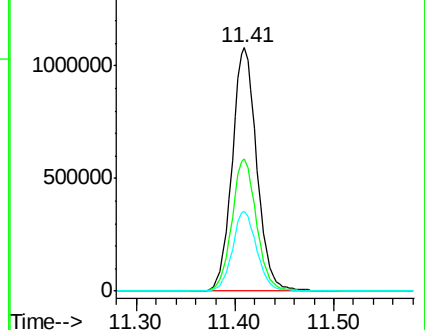
119 33.0 25.5 38.3

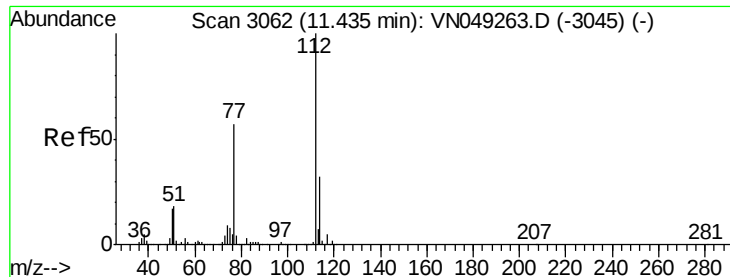


Abundance Ion 116.90 (116.60 to 117.60): VN049296.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049296.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049296.D (-2961) (-)





#65

Chlorobenzene

Concen: 0.23 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

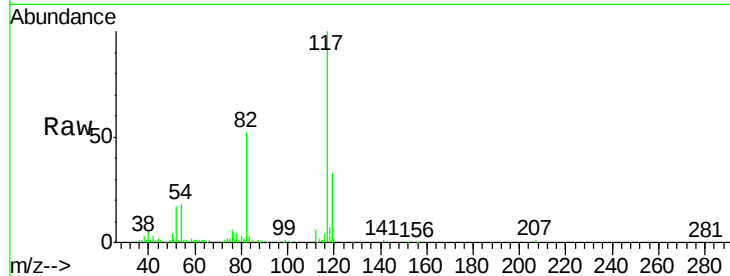
ClientSampleId :

Tot Ion:112 Resp: 11074

Ion Ratio Lower Upper

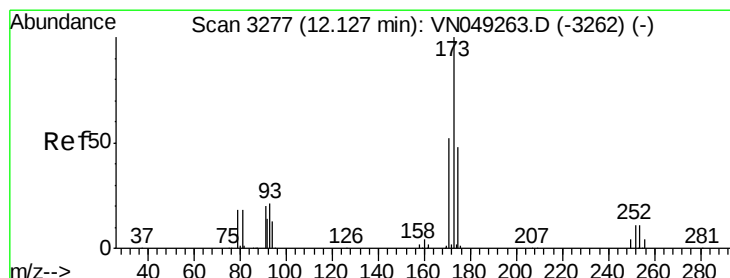
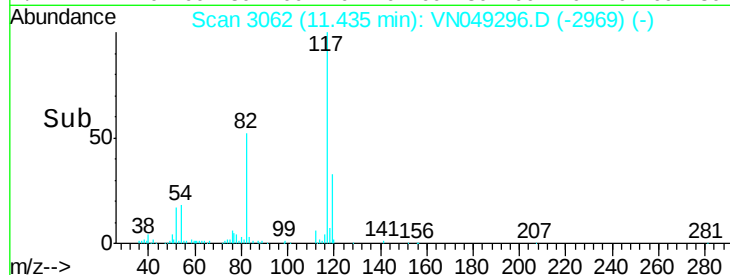
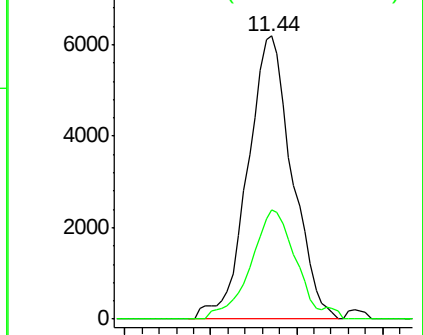
112 100

114 38.8 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: 0.50 ug/l

RT: 12.41 min Scan# 3365

Delta R.T. 0.28 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

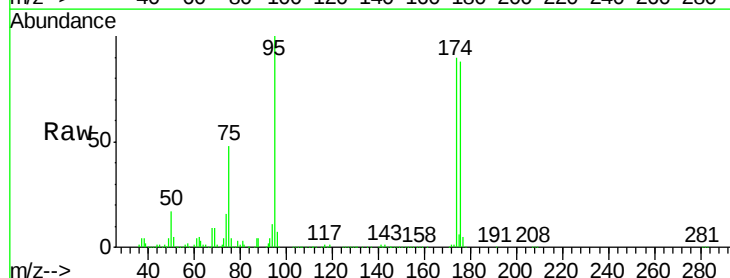
Tgt Ion:173 Resp: 5971

Ion Ratio Lower Upper

173 100

175 663.5 24.5 73.5#

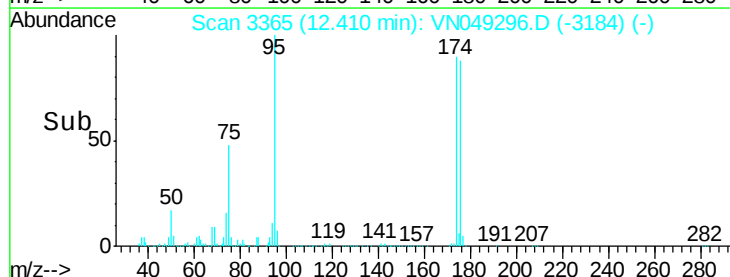
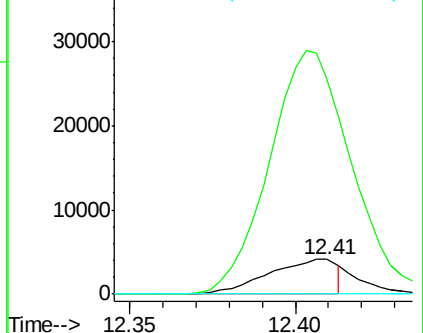
254 0.0 0.1 0.1#

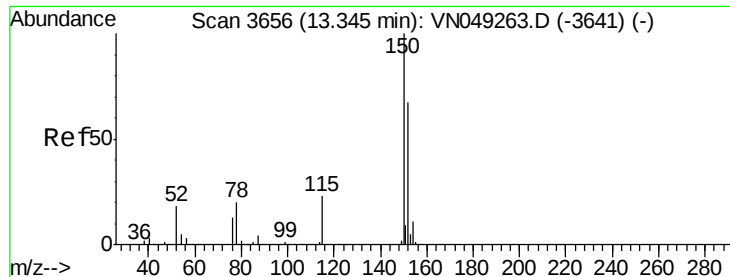


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

ClientSampled :

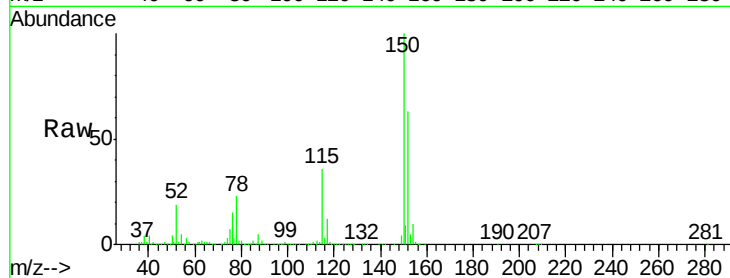
Tot Ion:152 Resp: 554564

Ion Ratio Lower Upper

152 100

115 57.8 28.7 86.1

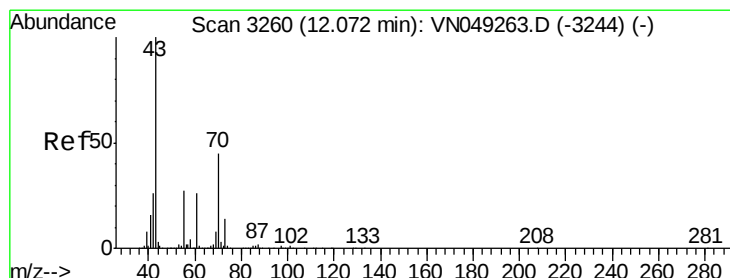
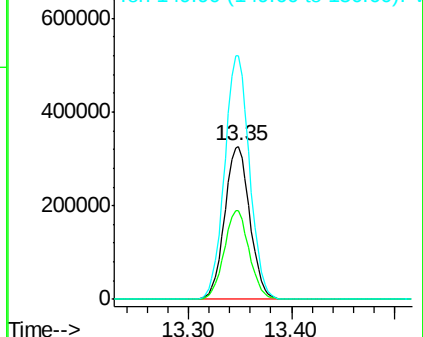
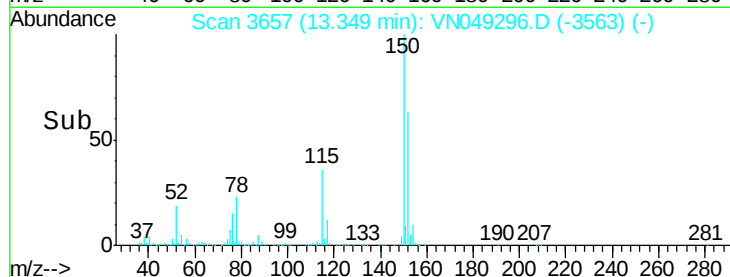
150 157.7 0.0 351.0



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: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Tgt Ion: 43 Resp: 3562

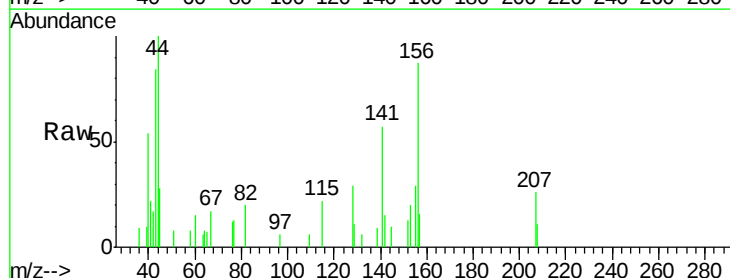
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 0.0 19.4 29.2#

61 0.0 17.8 26.6#

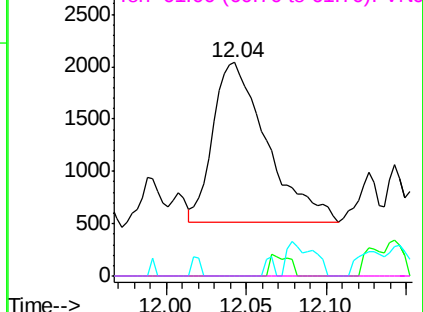
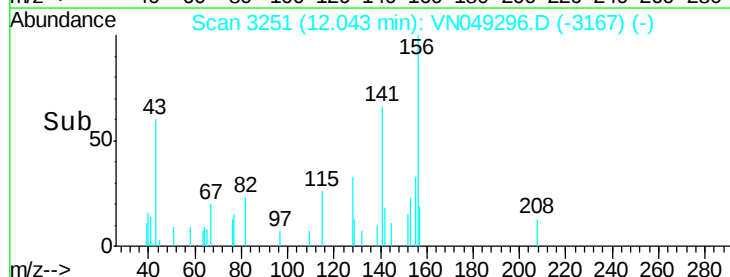


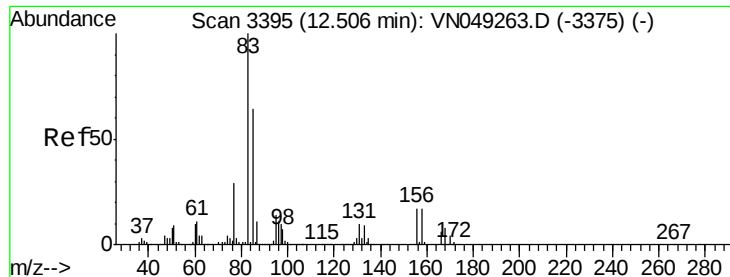
Abundance Ion 43.00 (42.70 to 43.70): V

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: 12.49 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

ClientSampleId :

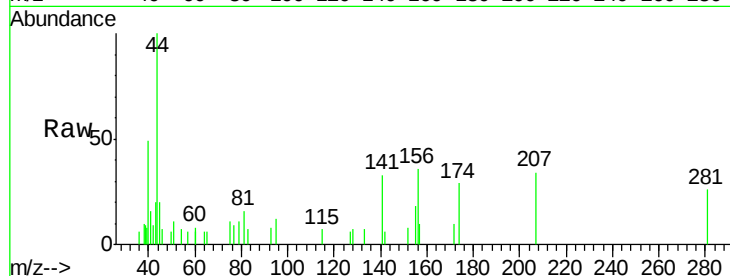
Tot Ion: 83 Resp: 95

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

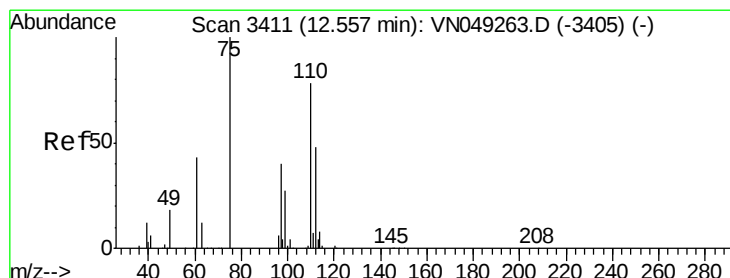
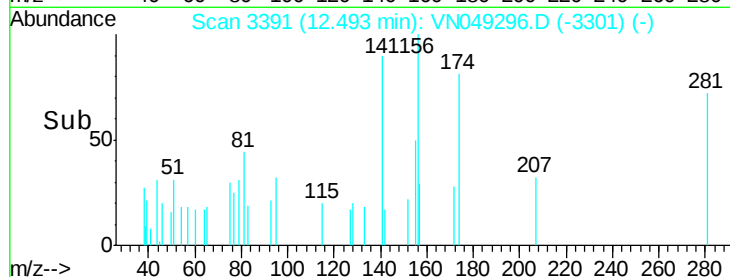
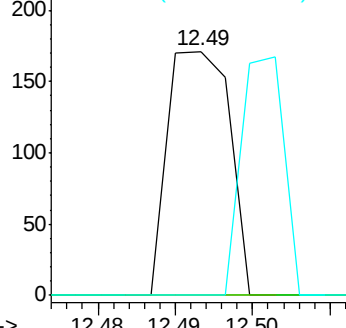
85 67.4 32.0 96.0



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: 40.95 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049296.D

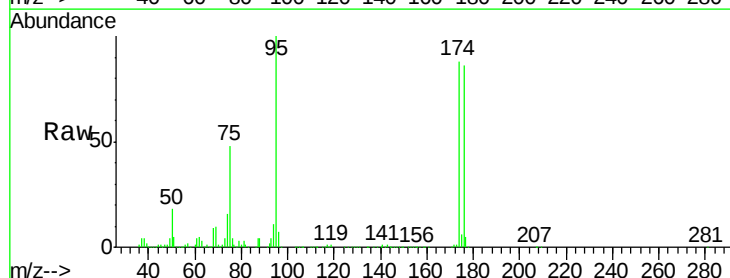
Acq: 16 Jun 2018 8:09

Tgt Ion: 75 Resp: 387492

Ion Ratio Lower Upper

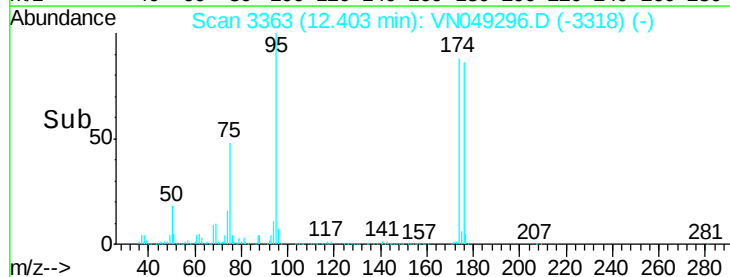
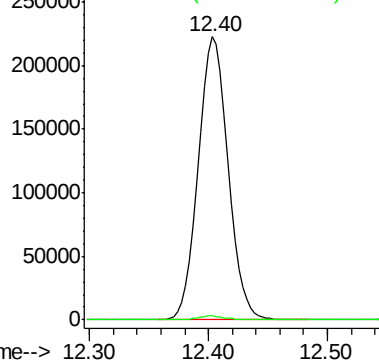
75 100

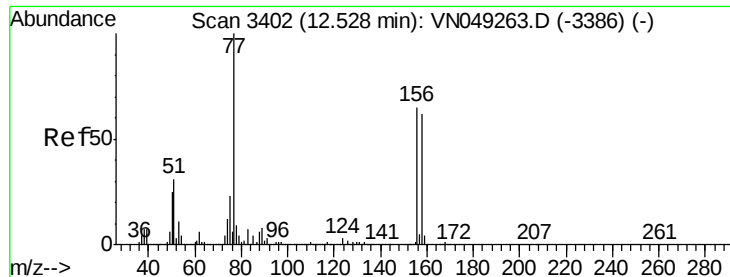
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 1.34 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.03 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

ClientSampleId :

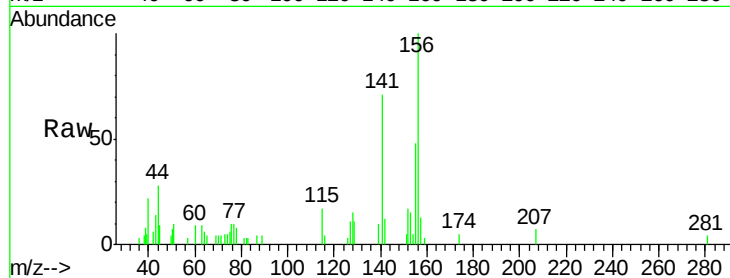
Tot Ion:156 Resp: 17199

Ion Ratio Lower Upper

156 100

77 3.6 100.8 302.4#

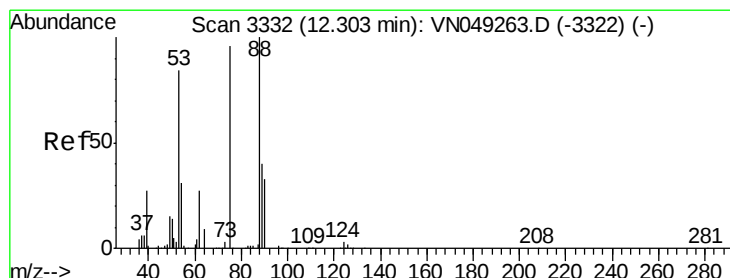
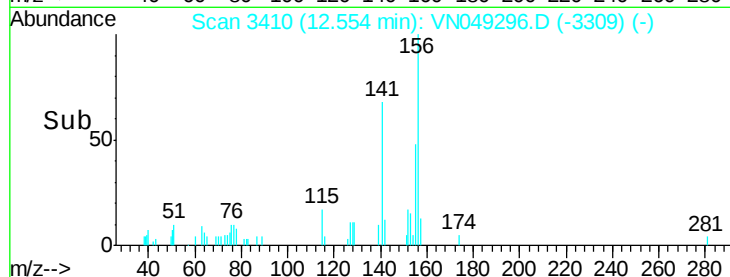
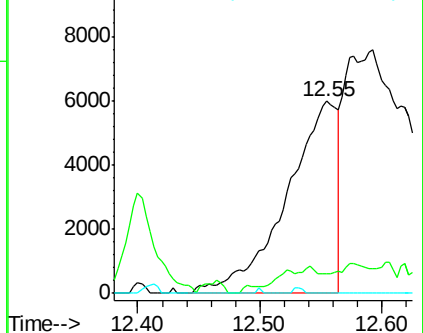
158 0.0 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 129.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

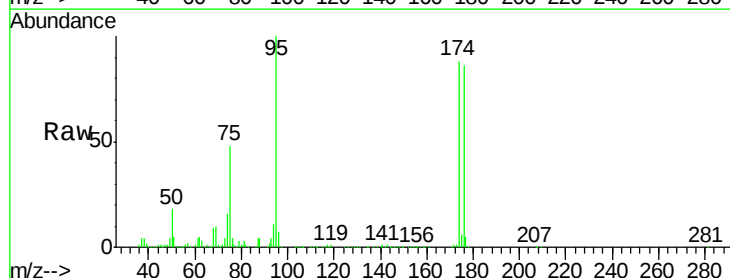
Tgt Ion: 75 Resp: 387492

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

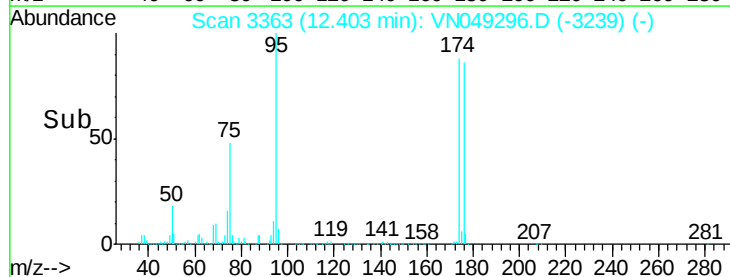
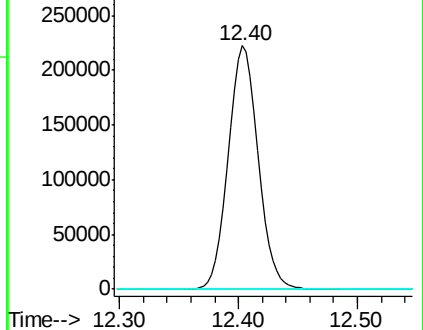
89 0.0 36.5 54.7#

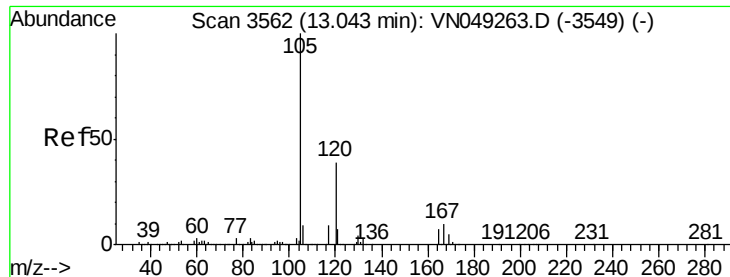


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.46 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

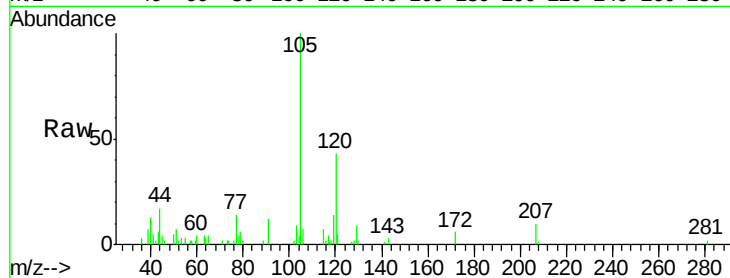
ClientSampleId :

Tot Ion:105 Resp: 17366

Ion Ratio Lower Upper

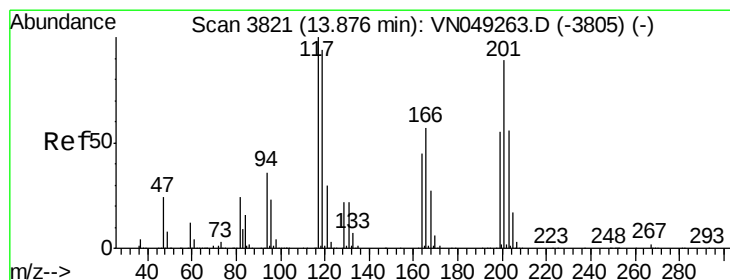
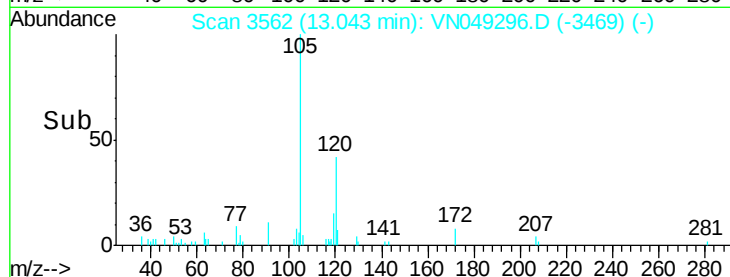
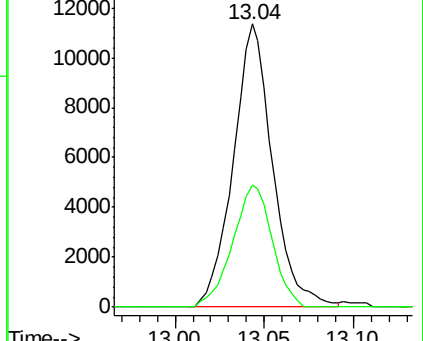
105 100

120 43.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049296.D

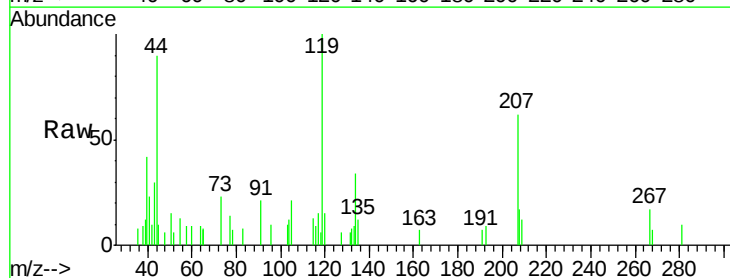
Acq: 16 Jun 2018 8:09

Tgt Ion:117 Resp: 746

Ion Ratio Lower Upper

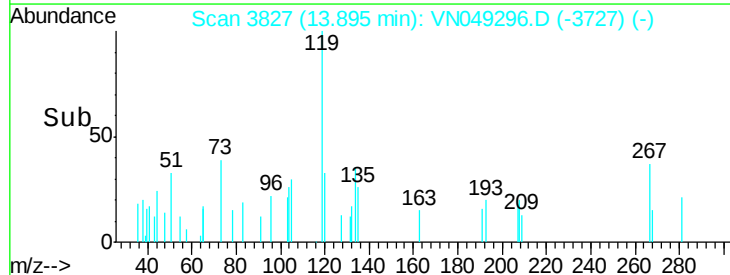
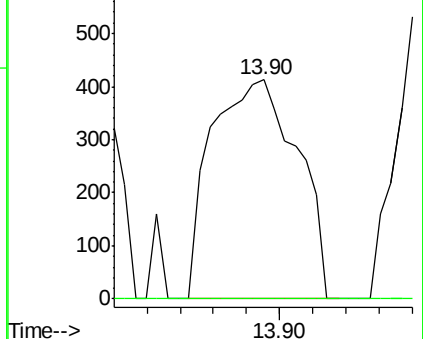
117 100

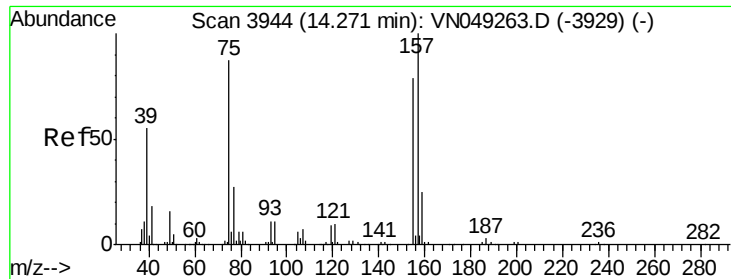
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

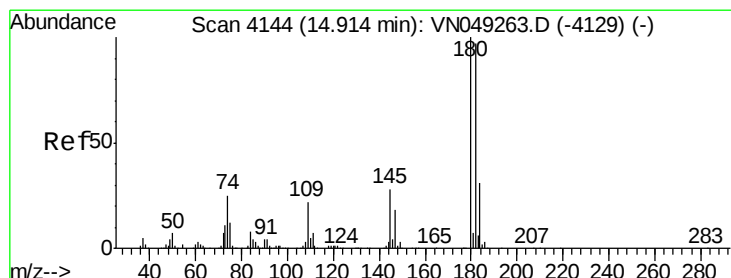
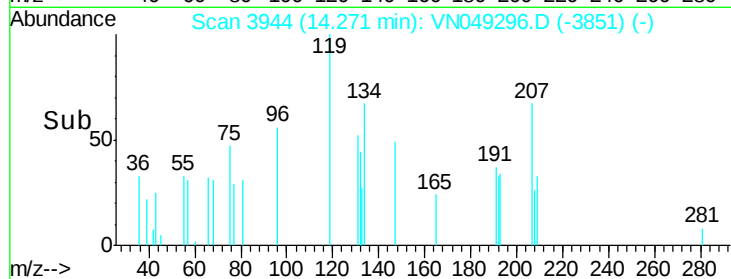
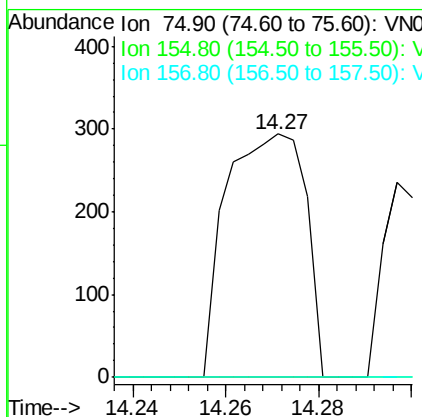
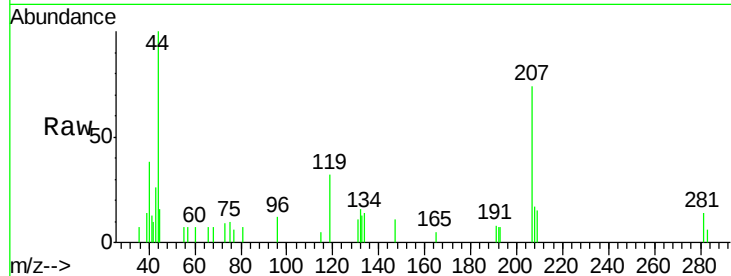




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.21 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049296.D
 Acq: 16 Jun 2018 8:09

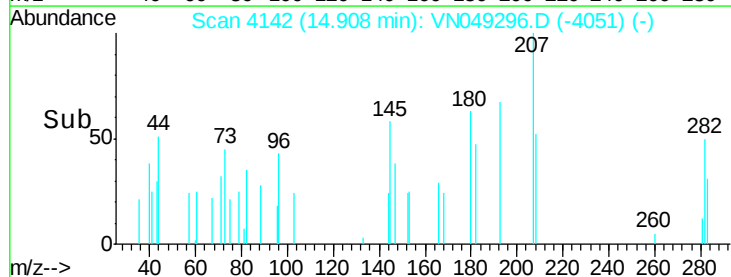
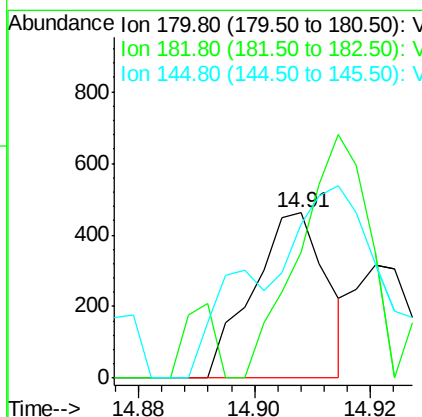
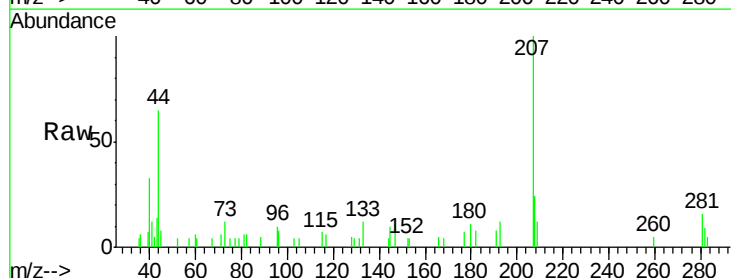
Instrument :
 MSVOA_N
 ClientSampled :

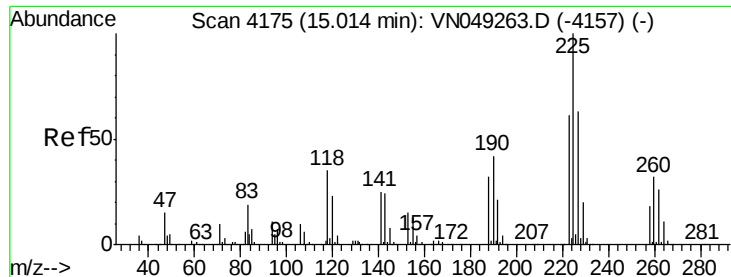
Tot Ion: 75 Resp: 349
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.3#
 157 0.0 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.78 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.01 min
 Lab File: VN049296.D
 Acq: 16 Jun 2018 8:09

Tgt Ion:180 Resp: 407
 Ion Ratio Lower Upper
 180 100
 182 145.5 46.9 140.8#
 145 184.8 14.7 44.1#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4173

Delta R.T. -0.01 min

Lab File: VN049296.D

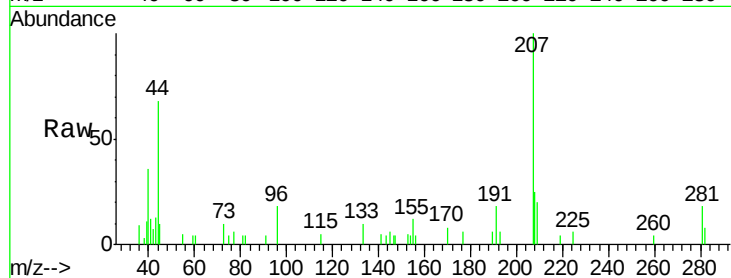
Acq: 16 Jun 2018 8:09

Instrument :

MSVOA_N

ClientSampleId :

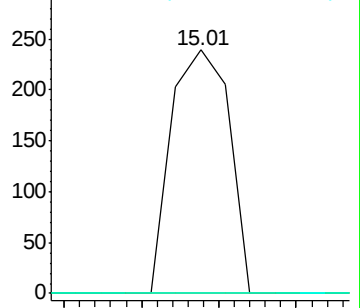
Tot Ion:	225	Resp:	125
Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.1	96.3#
227	0.0	31.8	95.3#



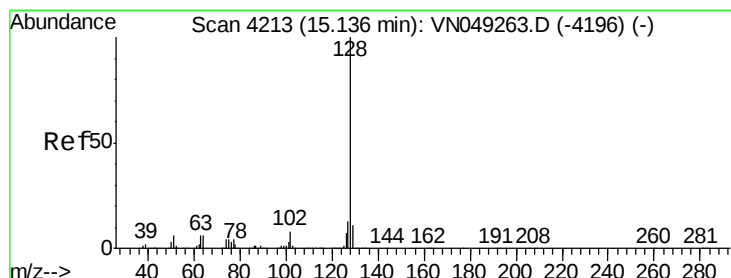
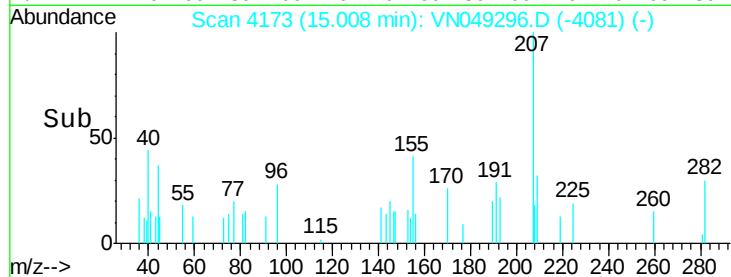
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 18.72 ug/l

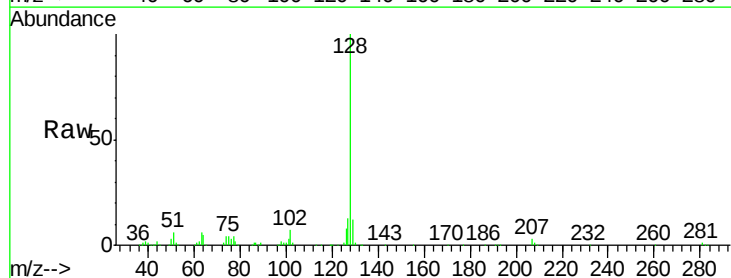
RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049296.D

Acq: 16 Jun 2018 8:09

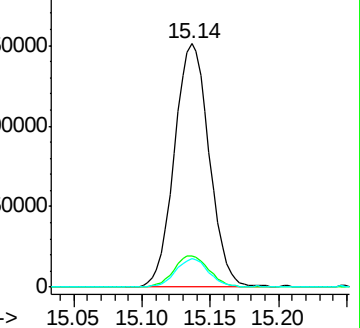
Tgt Ion:	128	Resp:	268479
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.2	8.5	12.7



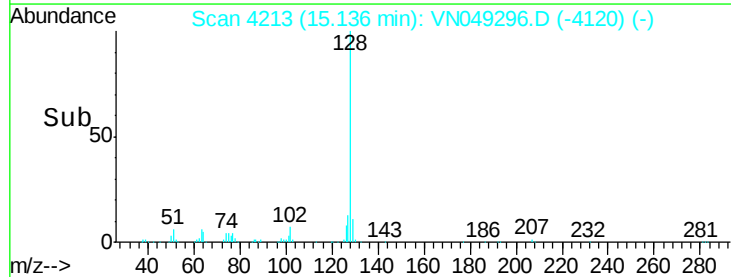
Abundance Ion 128.00 (127.70 to 128.70): V

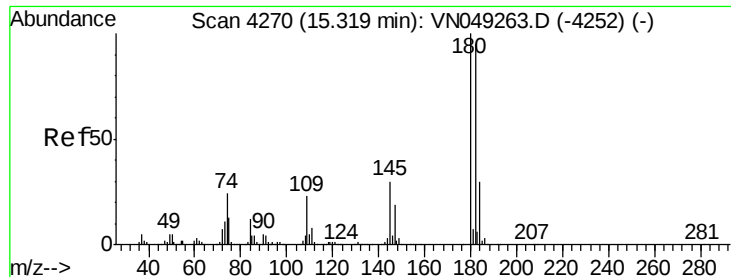
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 3.51 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049296.D
 Acq: 16 Jun 2018 8:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	121.5	47.3	141.8
145	140.0	15.6	46.7

