

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049275.D
 Acq On : 15 Jun 2018 22:17
 Operator : MD\SY
 Sample : PB110255ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 01:25:21 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	1367432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2196639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1685672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	458470	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	911099	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
35) Dibromofluoromethane	7.59	113	823309	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	10.09	98	2945266	43.52	ug/l	0.00
Spiked Amount			Recovery	=	87.04%	
62) 4-Bromofluorobenzene	12.41	95	685202	30.62	ug/l	0.00
Spiked Amount			Recovery	=	61.24%	

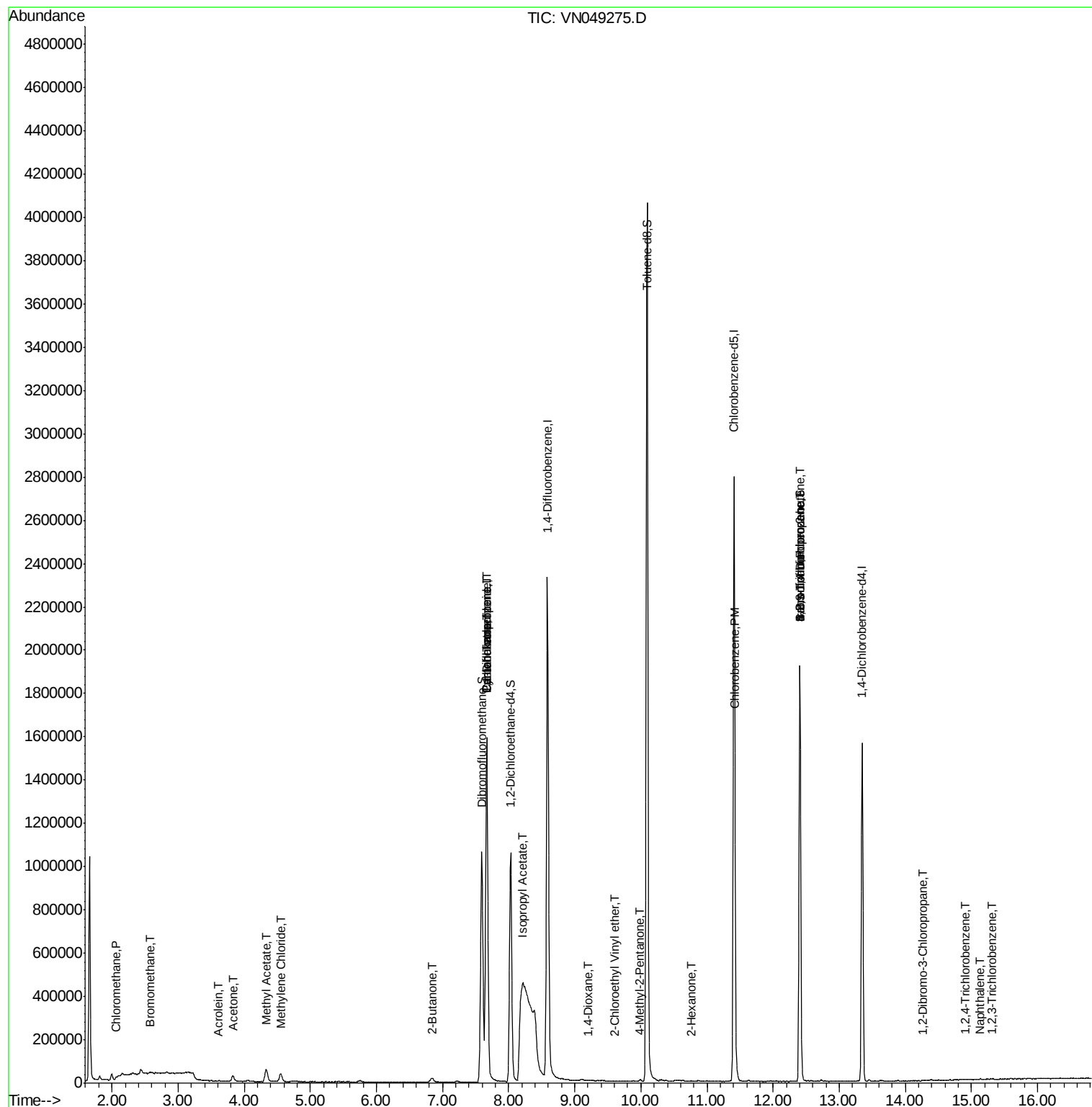
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4575	0.23	ug/l #	80
5) Bromomethane	2.57	94	4062	0.36	ug/l	99
13) Acrolein	3.61	56	712	0.64	ug/l #	68
16) Acetone	3.82	43	41507	9.43	ug/l #	88
18) Methyl Acetate	4.33	43	115078	8.57	ug/l	96
20) Methylene Chloride	4.55	84	27790	1.51	ug/l	88
25) 2-Butanone	6.86	43	10455	1.77	ug/l	94
31) Cyclohexane	7.67	56	24906	0.76	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	97613	3.88	ug/l #	51
38) Carbon Tetrachloride	7.67	117	123125	4.72	ug/l #	17
43) Isopropyl Acetate	8.22	43	1280187	48.96	ug/l #	64
49) 1,4-Dioxane	9.21	88	67	0.39	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4123	0.30	ug/l #	78
58) 2-Chloroethyl Vinyl ether	9.59	63	68	14.34	ug/l #	51
59) 2-Hexanone	10.76	43	2224	0.25	ug/l	80
65) Chlorobenzene	11.43	112	29249	0.67	ug/l	99
71) Bromoform	12.40	173	5227	0.49	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	31	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.41	75	323949	41.41	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	323949	130.88	ug/l #	9
90) Hexachloroethane	13.83	117	33	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	591	0.42	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.90	180	387	4.79	ug/l	76
94) Hexachlorobutadiene	15.00	225	221	Below	Cal	76
95) Naphthalene	15.14	128	1952	2.23	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	587	3.53	ug/l	81

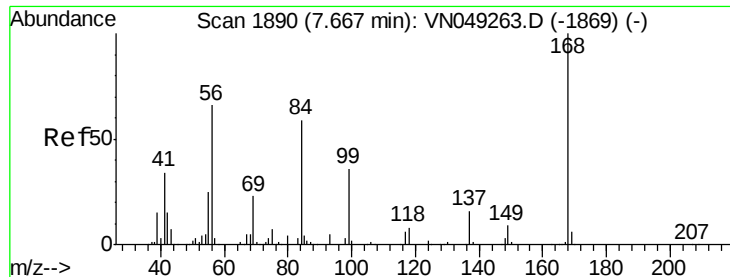
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

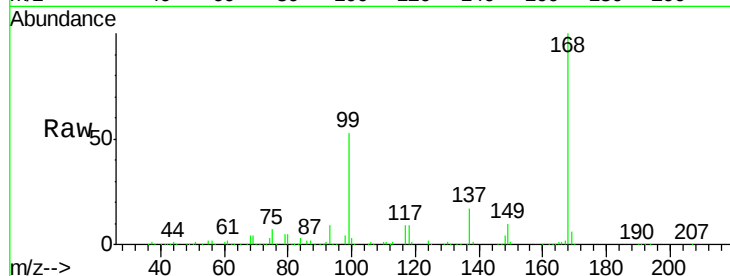
ClientSampleId :

Tot Ion:168 Resp: 1367432

Ion Ratio Lower Upper

168 100

99 52.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049275.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049275.D (-1797) (-)

7.67

600000

500000

400000

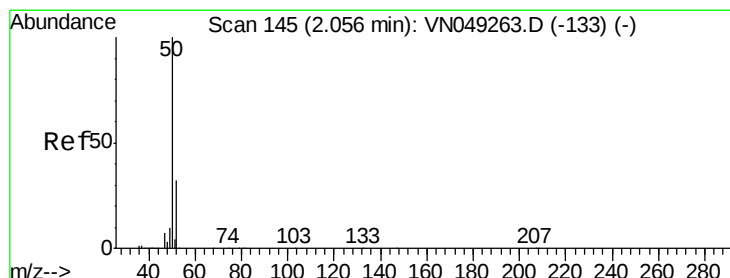
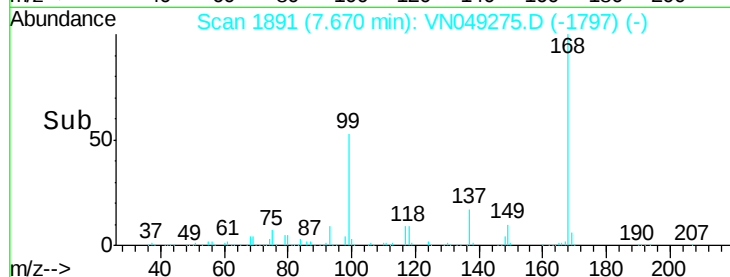
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049275.D

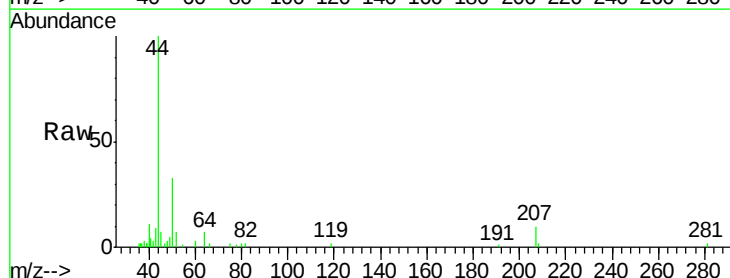
Acq: 15 Jun 2018 22:17

Tgt Ion: 50 Resp: 4575

Ion Ratio Lower Upper

50 100

52 20.6 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VN049275.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049275.D (-52) (-)

2.06

4000

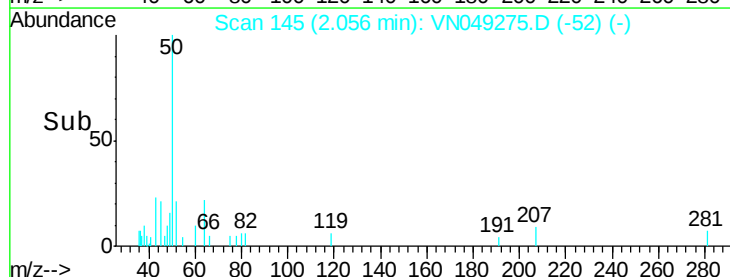
3000

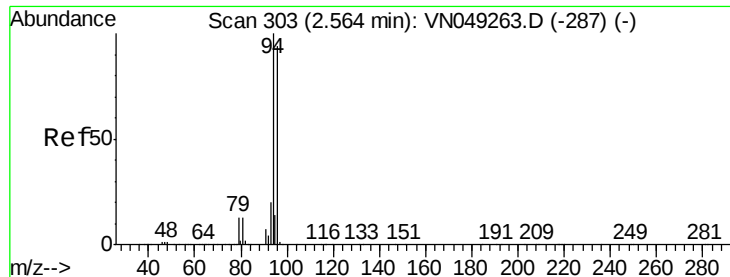
2000

1000

0

Time--> 2.00 2.05 2.10





#5

Bromomethane

Concen: 0.36 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

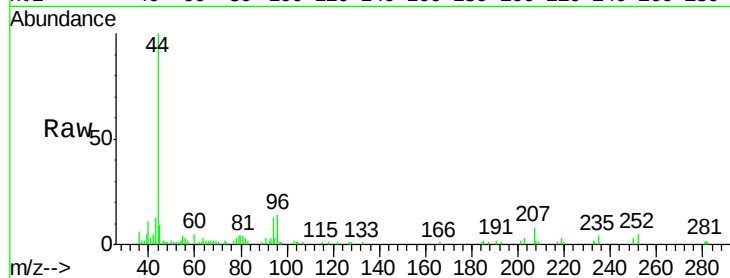
ClientSampled :

Tot Ion: 94 Resp: 4062

Ion Ratio Lower Upper

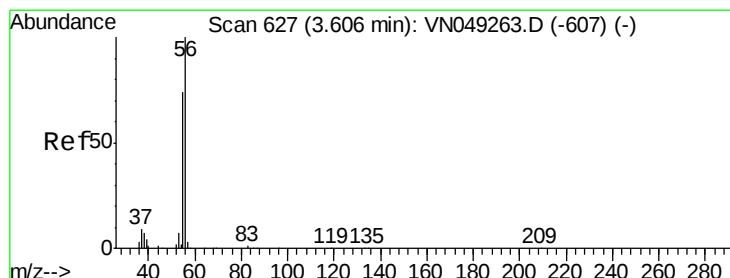
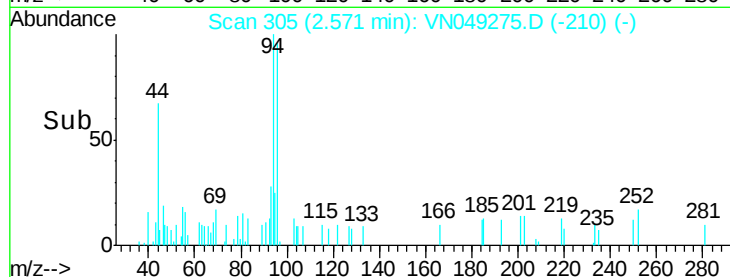
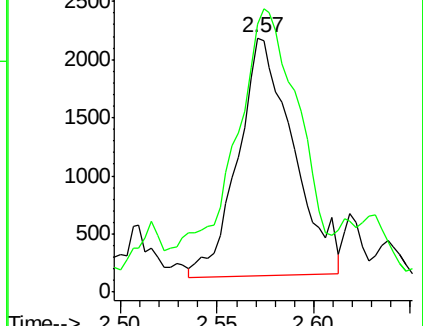
94 100

96 90.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049263.D (-287) (-)

Ion 95.90 (95.60 to 96.60): VN049263.D (-287) (-)



#13

Acrolein

Concen: 0.64 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049275.D

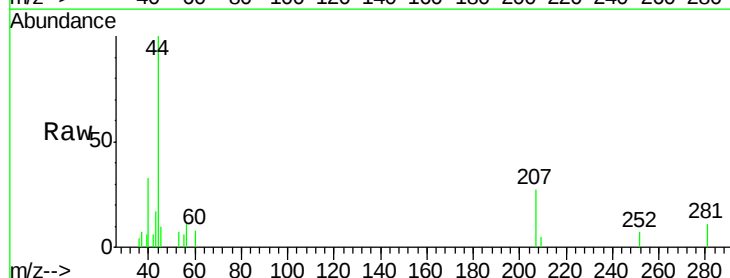
Acq: 15 Jun 2018 22:17

Tgt Ion: 56 Resp: 712

Ion Ratio Lower Upper

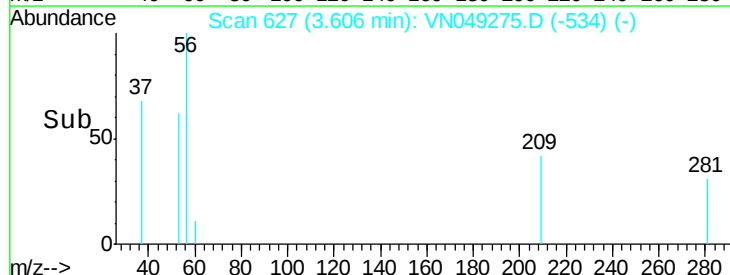
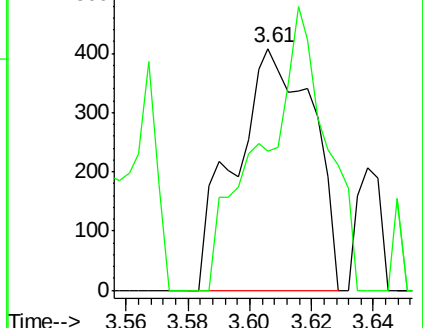
56 100

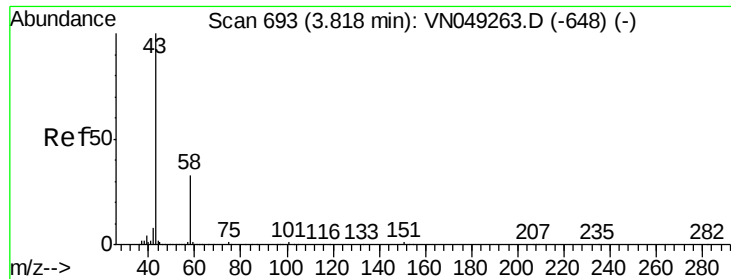
55 97.6 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN049263.D (-607) (-)

Ion 55.00 (54.70 to 55.70): VN049263.D (-607) (-)





#16

Acetone

Concen: 9.43 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

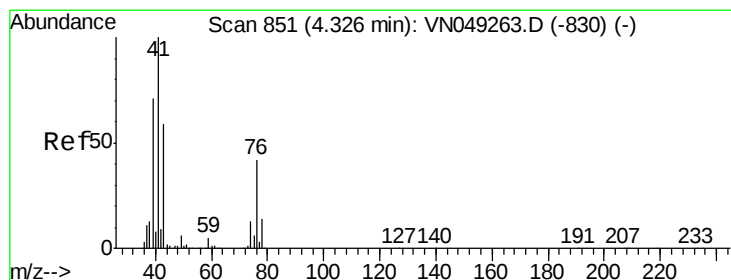
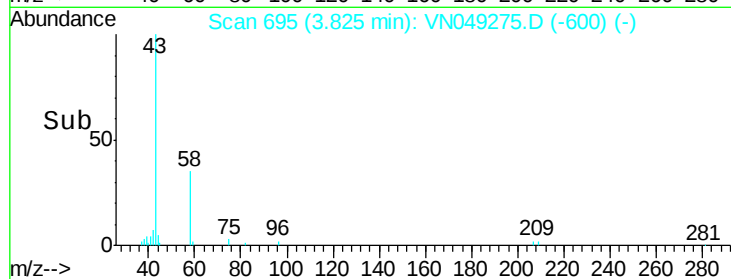
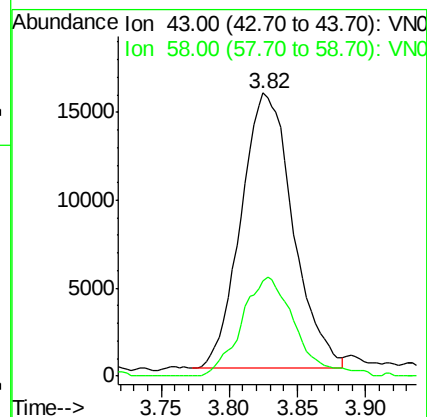
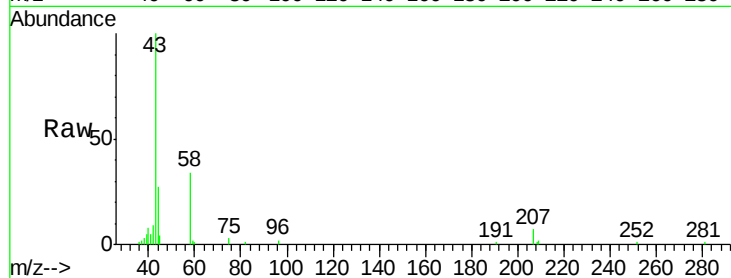
ClientSampleId :

Tot Ion: 43 Resp: 41507

Ion Ratio Lower Upper

43 100

58 34.6 22.4 33.6#



#18

Methyl Acetate

Concen: 8.57 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049275.D

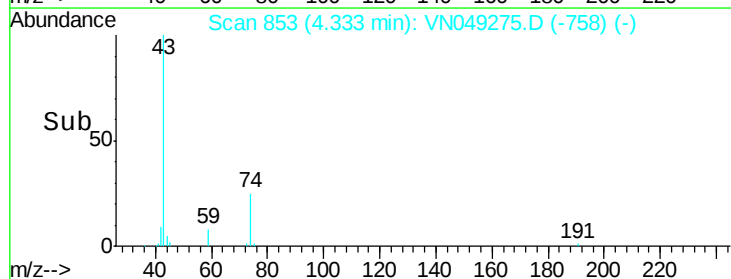
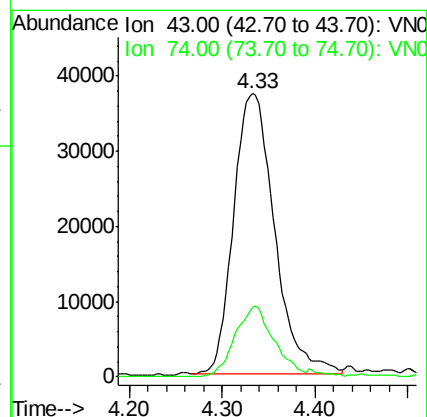
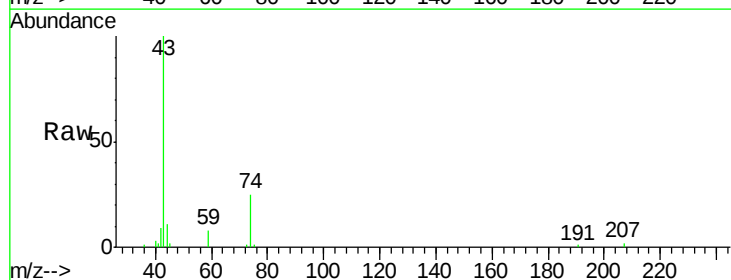
Acq: 15 Jun 2018 22:17

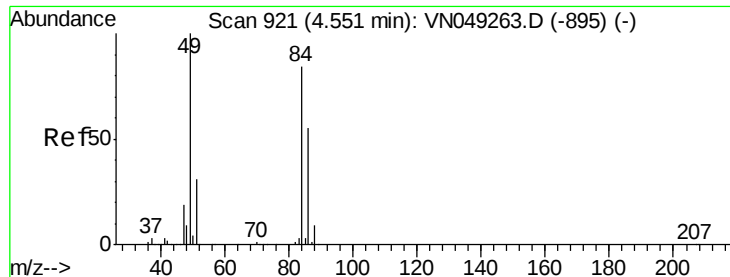
Tgt Ion: 43 Resp: 115078

Ion Ratio Lower Upper

43 100

74 23.8 17.4 26.0

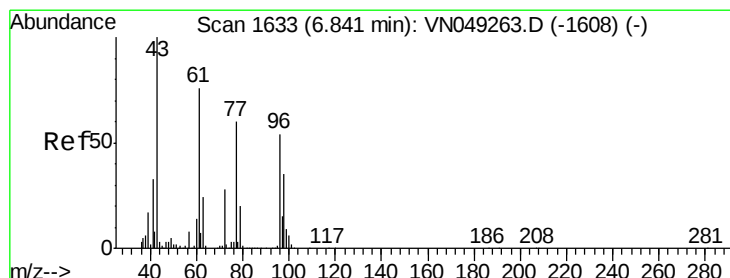
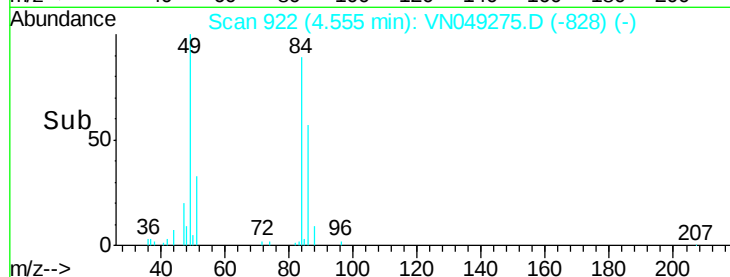
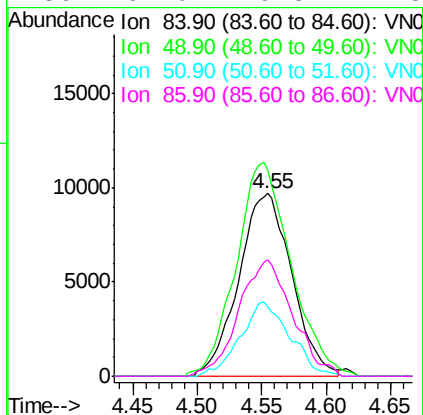
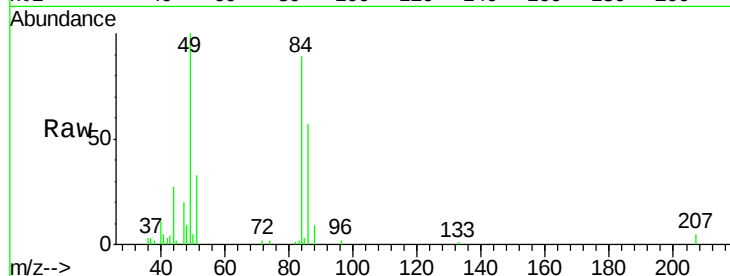




#20
Methvlene Chloride
Concen: 1.51 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049275.D
Acq: 15 Jun 2018 22:17

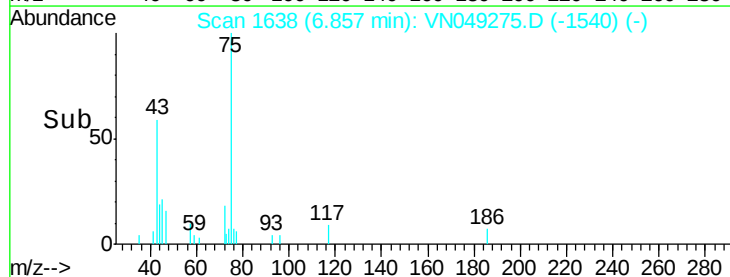
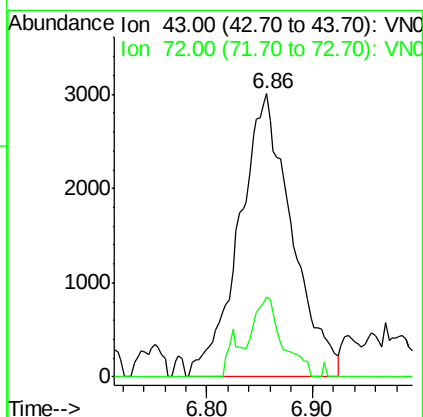
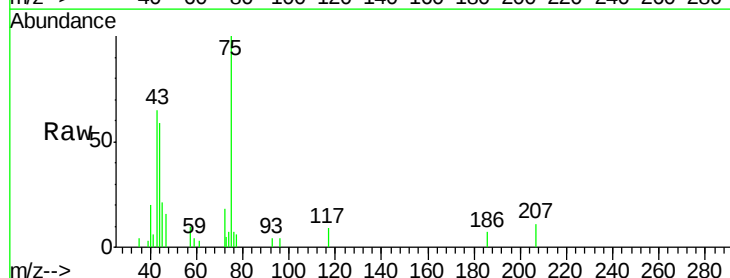
Instrument :
MSVOA_N
ClientSampleId :

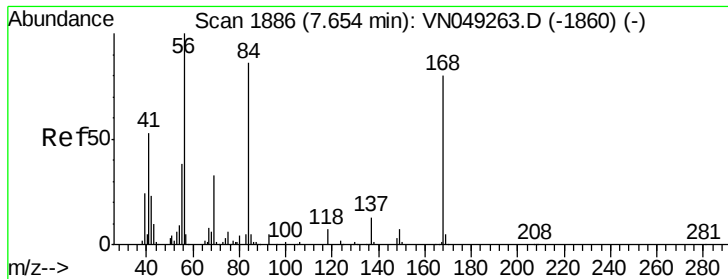
Tot Ion: 84 Resp: 27790
Ion Ratio Lower Upper
84 100
49 110.8 106.9 160.3
51 37.7 32.7 49.1
86 64.0 49.8 74.8



#25
2-Butanone
Concen: 1.77 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049275.D
Acq: 15 Jun 2018 22:17

Tgt Ion: 43 Resp: 10455
Ion Ratio Lower Upper
43 100
72 28.2 20.2 30.2

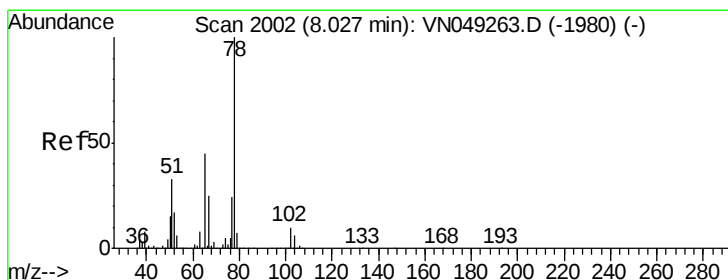
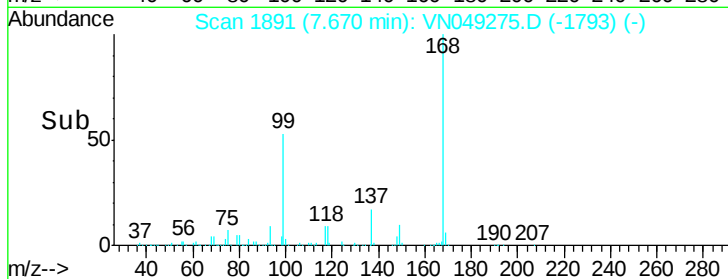
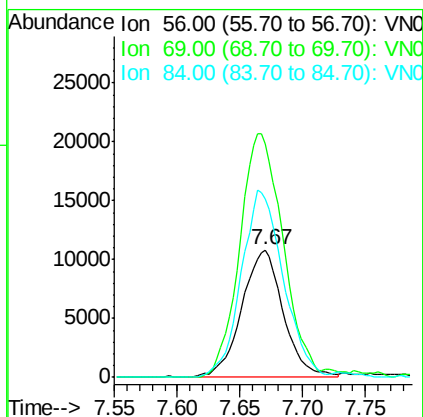
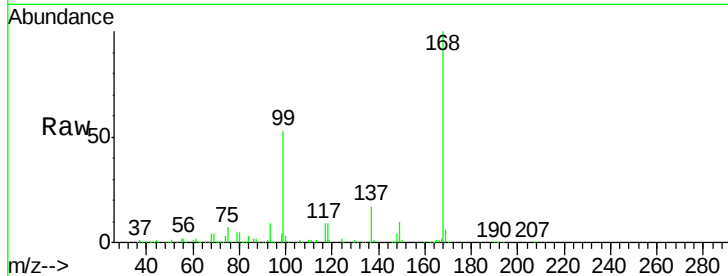




#31
Cyclohexane
Concen: 0.76 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049275.D
Acq: 15 Jun 2018 22:17

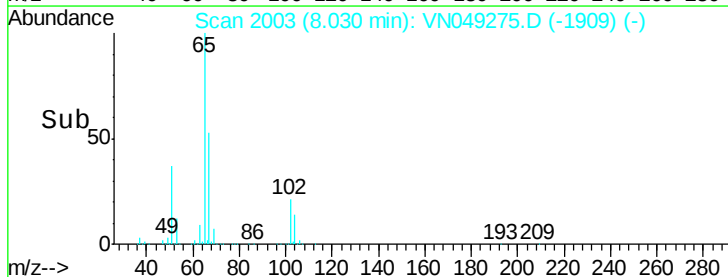
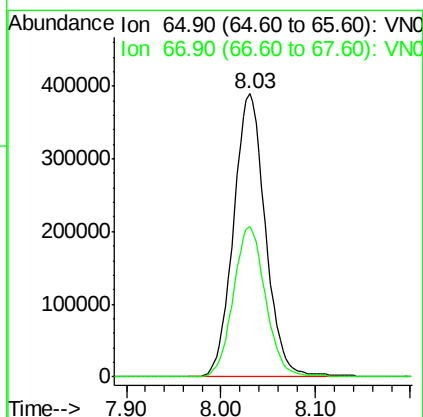
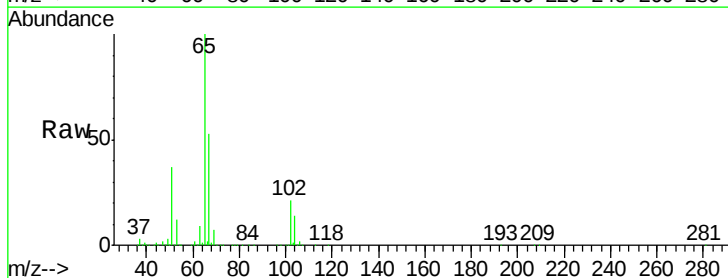
Instrument :
MSVOA_N
ClientSampled :

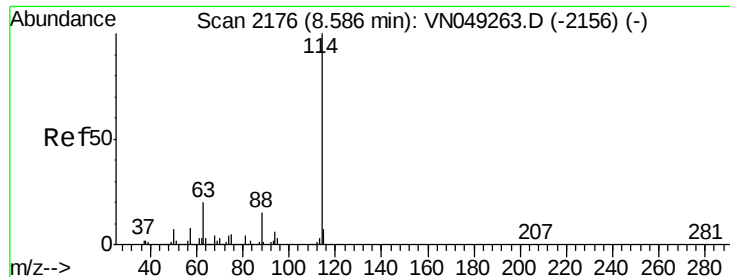
Tot Ion: 56 Resp: 24906
Ion Ratio Lower Upper
56 100
69 183.6 25.0 37.4#
84 139.9 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 50.23 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049275.D
Acq: 15 Jun 2018 22:17

Tgt Ion: 65 Resp: 911099
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

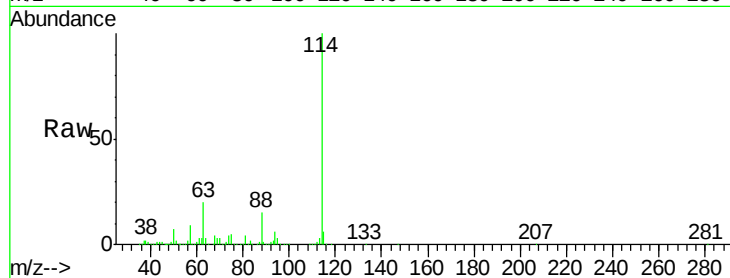
Tot Ion:114 Resp: 2196639

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

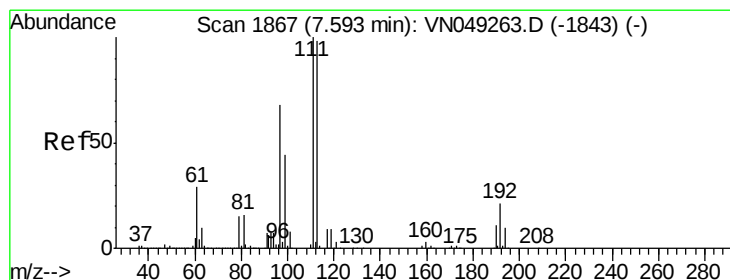
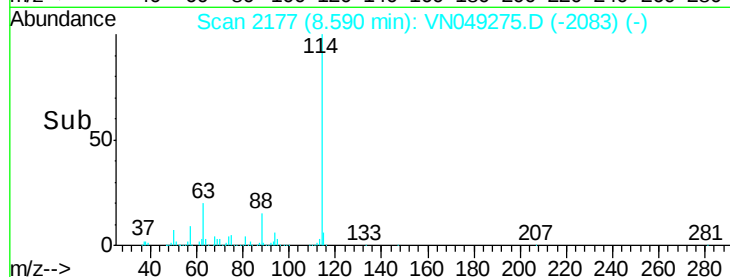
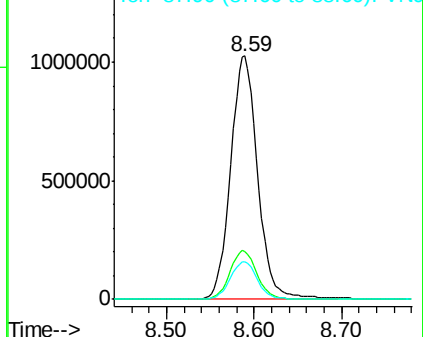
88 15.3 0.0 31.4



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: 46.33 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

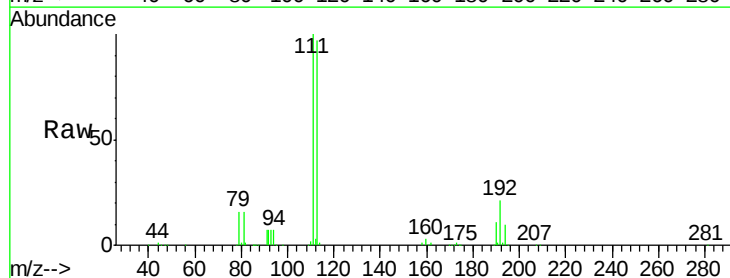
Tgt Ion:113 Resp: 823309

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

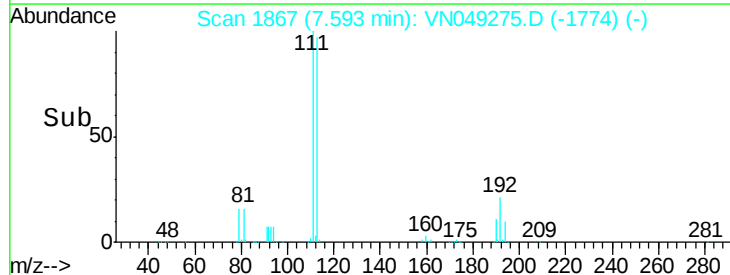
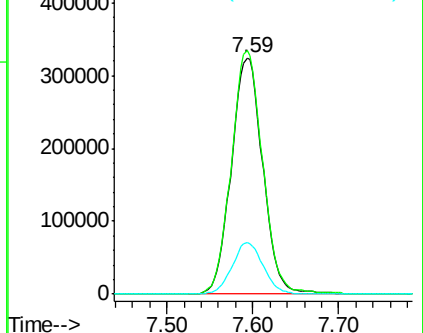
192 21.5 15.0 22.6

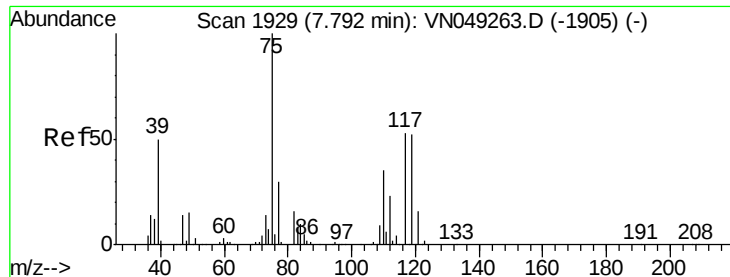


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.88 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.12 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :
MSVOA_N
ClientSampled :

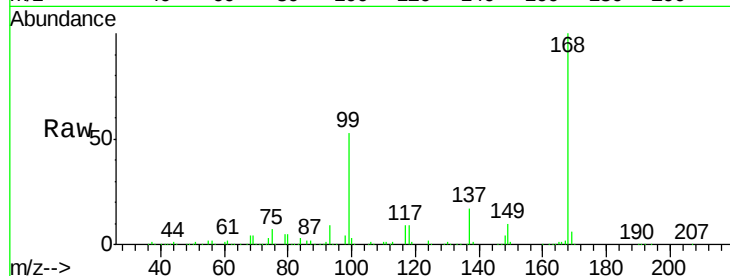
Tot Ion: 75 Resp: 97613

Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

77 0.2 24.4 36.6#

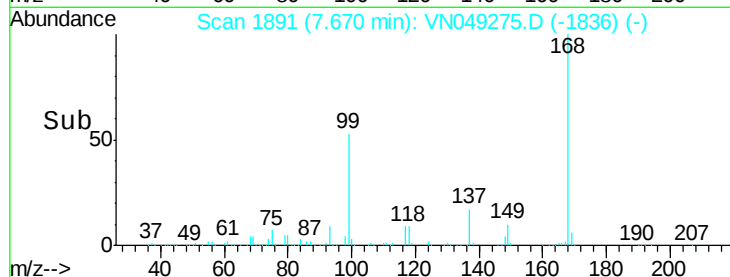


Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-1905) (-)

Ion 109.90 (109.60 to 110.60): VN049263.D (-1905) (-)

Ion 76.90 (76.60 to 77.60): VN049263.D (-1905) (-)

Time-->

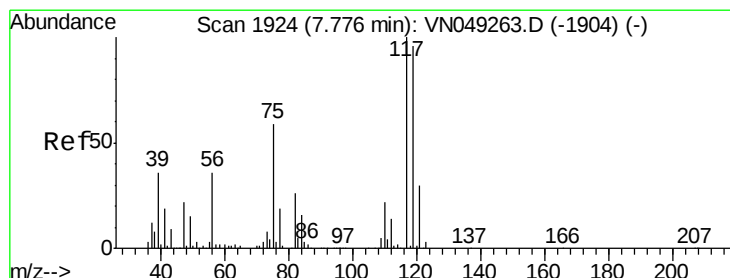


Abundance Ion 74.90 (74.60 to 75.60): VN049263.D (-1905) (-)

Ion 109.90 (109.60 to 110.60): VN049263.D (-1905) (-)

Ion 76.90 (76.60 to 77.60): VN049263.D (-1905) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.72 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

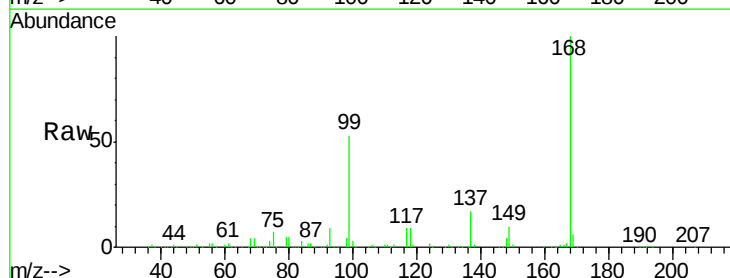
Tgt Ion: 117 Resp: 123125

Ion Ratio Lower Upper

117 100

119 6.2 75.6 113.4#

121 0.0 24.7 37.1#

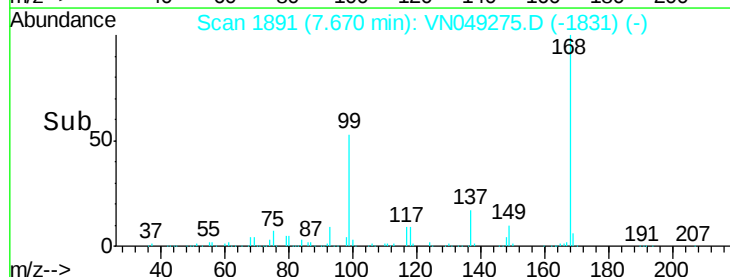


Abundance Ion 116.80 (116.50 to 117.50): VN049263.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN049263.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN049263.D (-1904) (-)

Time-->

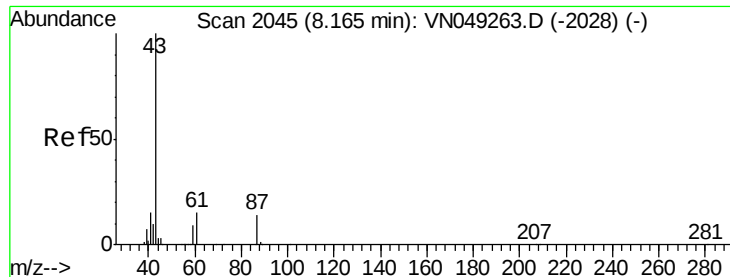


Abundance Ion 116.80 (116.50 to 117.50): VN049263.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN049263.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN049263.D (-1904) (-)

Time-->

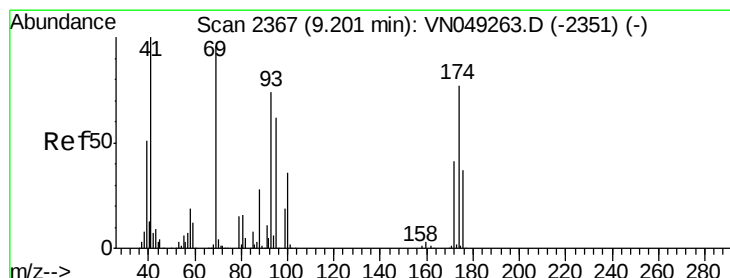
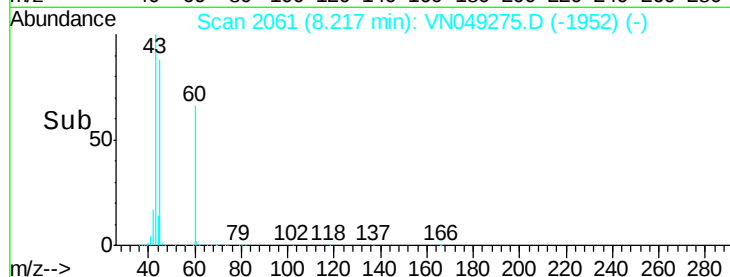
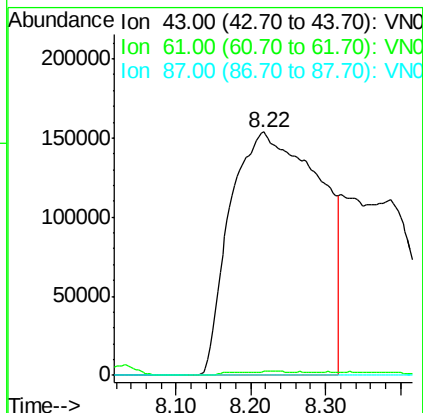
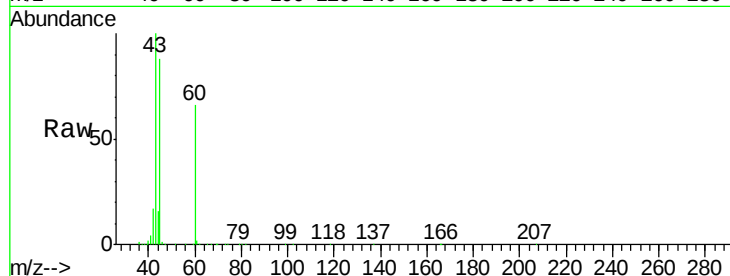


#43

Isopropyl Acetate
 Concen: 48.96 ug/l
 RT: 8.22 min Scan# 2061
 Delta R.T. 0.05 min
 Lab File: VN049275.D
 Acq: 15 Jun 2018 22:17

Instrument :
 MSVOA_N
 ClientSampleId :

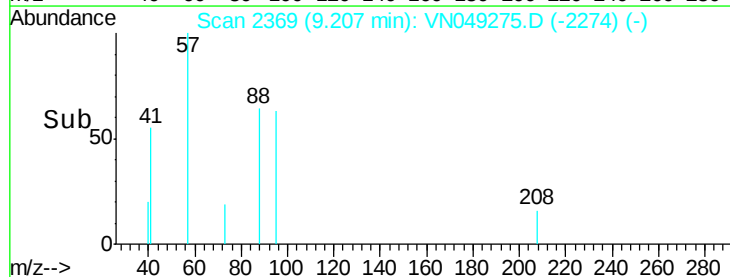
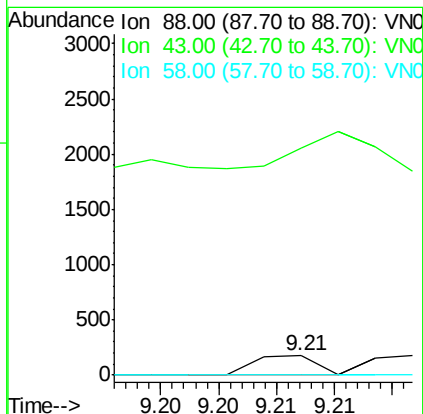
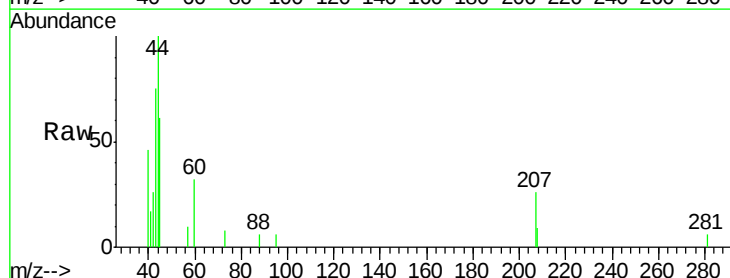
Tot Ion: 43 Resp: 1280187
 Ion Ratio Lower Upper
 43 100
 61 0.5 14.2 21.4#
 87 0.0 9.4 14.0#

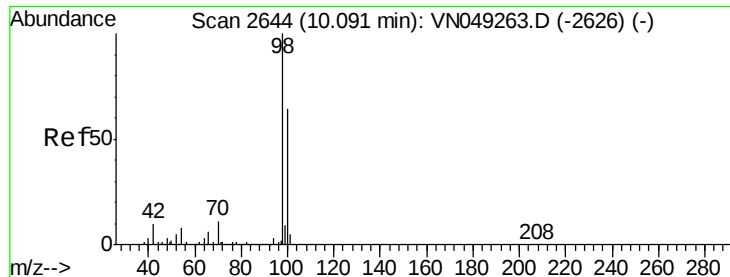


#49

1,4-Dioxane
 Concen: 0.39 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. 0.01 min
 Lab File: VN049275.D
 Acq: 15 Jun 2018 22:17

Tgt Ion: 88 Resp: 67
 Ion Ratio Lower Upper
 88 100
 43 534.3 30.9 46.3#
 58 0.0 58.9 88.3#





#50

Toluene-d8

Concen: 43.52 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

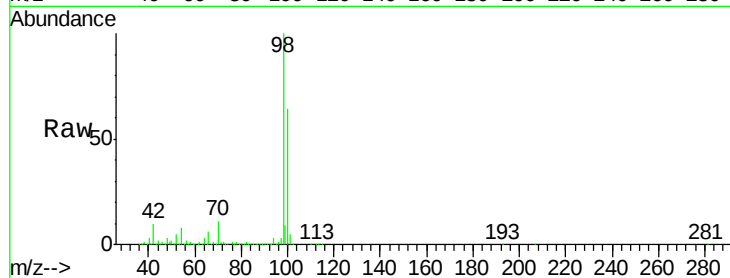
ClientSampleId :

Tot Ion: 98 Resp: 2945266

Ion Ratio Lower Upper

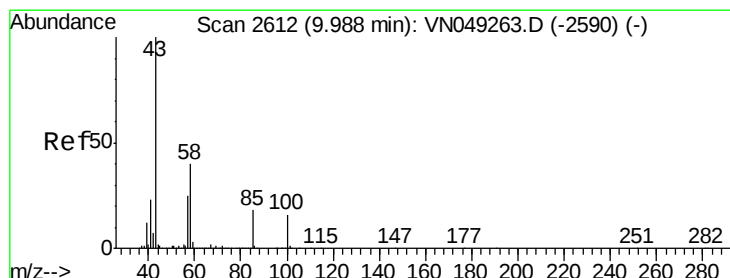
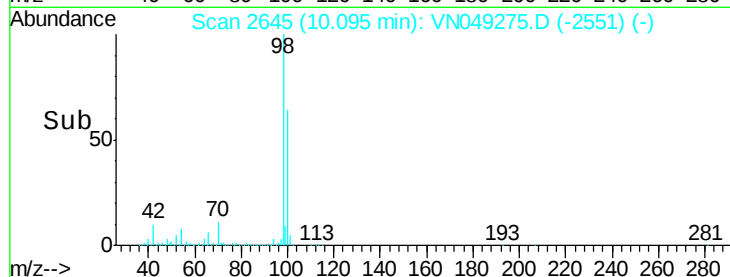
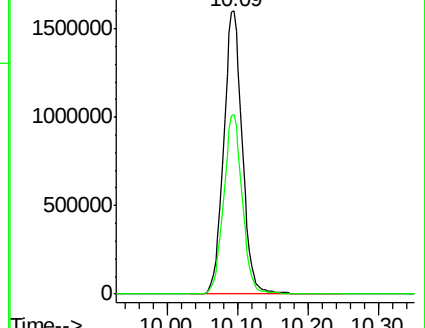
98 100

100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.30 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049275.D

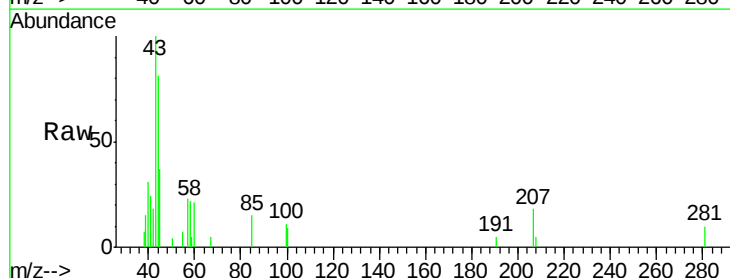
Acq: 15 Jun 2018 22:17

Tgt Ion: 43 Resp: 4123

Ion Ratio Lower Upper

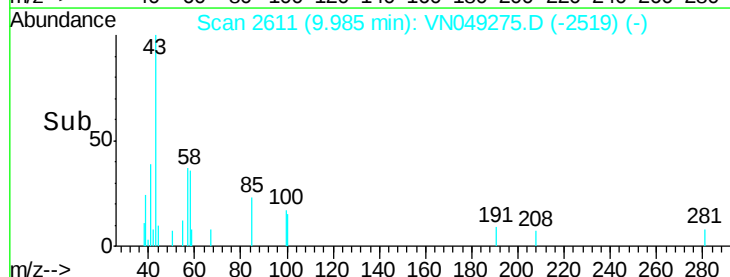
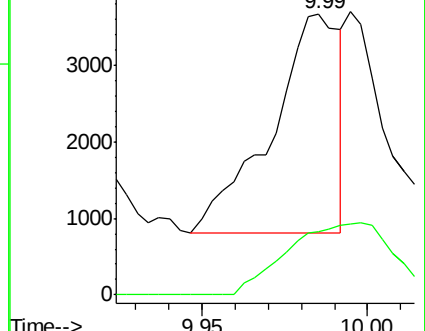
43 100

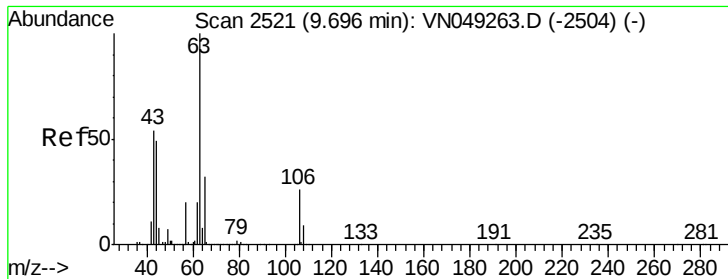
58 49.3 29.0 43.6#



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

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





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.59 min Scan# 2489

Delta R.T. -0.10 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

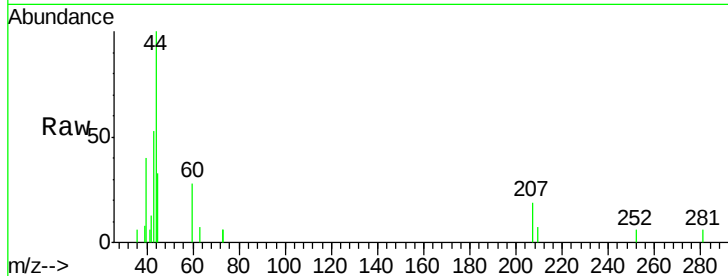
ClientSampled :

Tot Ion: 63 Resp: 68

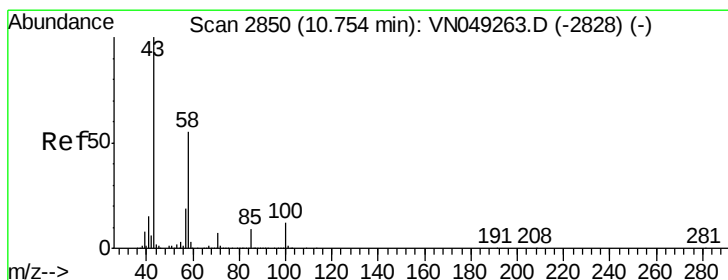
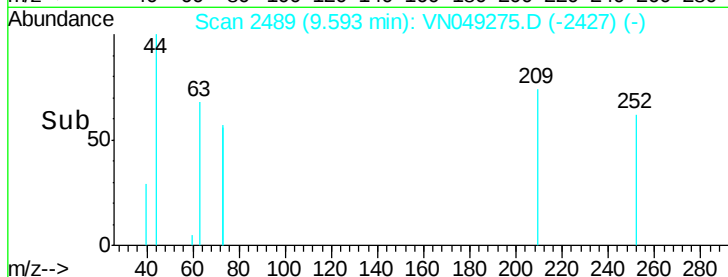
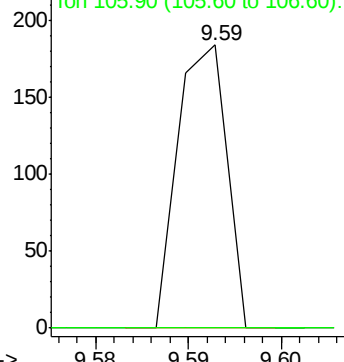
Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049263.D (-2504) (-)



#59

2-Hexanone

Concen: 0.25 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049275.D

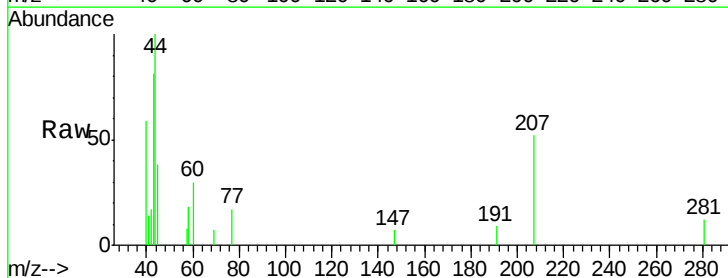
Acq: 15 Jun 2018 22:17

Tgt Ion: 43 Resp: 2224

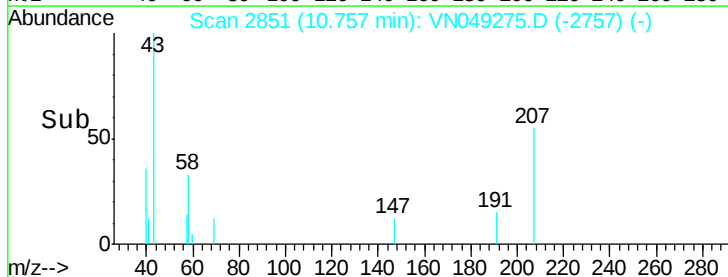
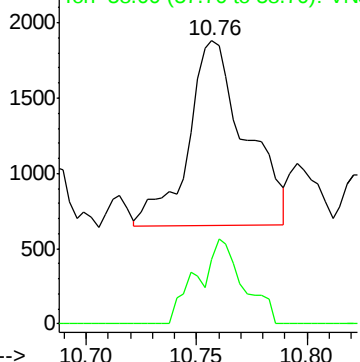
Ion Ratio Lower Upper

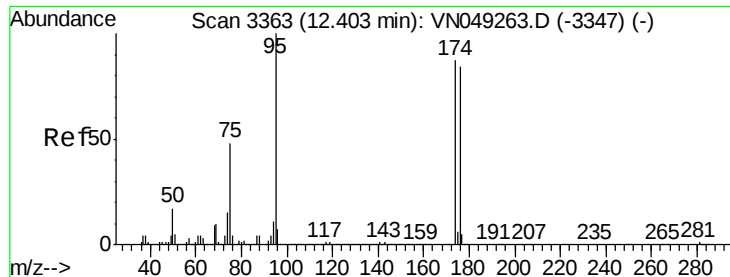
43 100

58 36.6 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2828) (-)





#62

4-Bromofluorobenzene

Concen: 30.62 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampled :

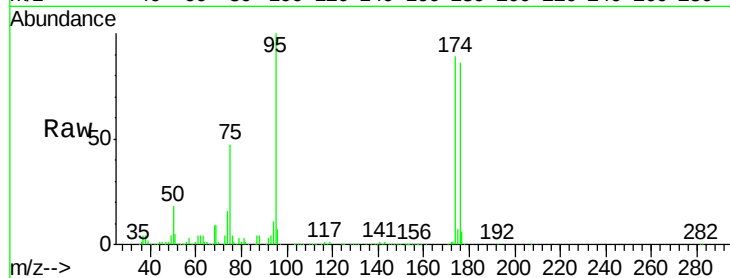
Tot Ion: 95 Resp: 685202

Ion Ratio Lower Upper

95 100

174 88.8 0.0 165.6

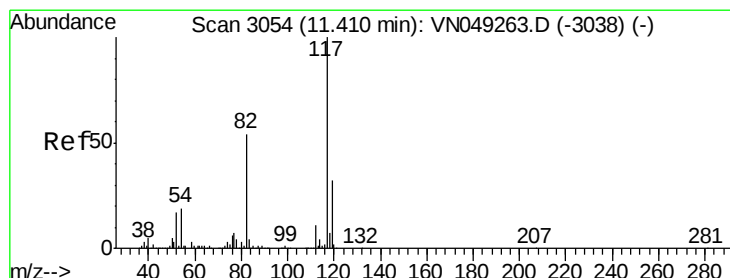
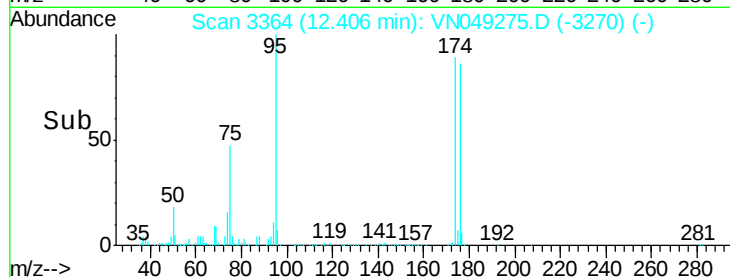
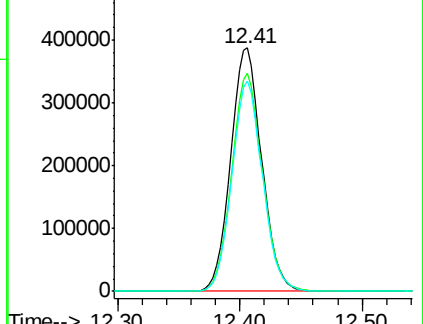
176 85.2 0.0 157.4



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

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

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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

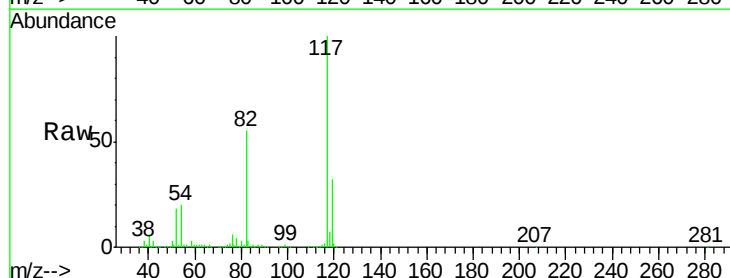
Tgt Ion: 117 Resp: 1685672

Ion Ratio Lower Upper

117 100

82 54.5 45.9 68.9

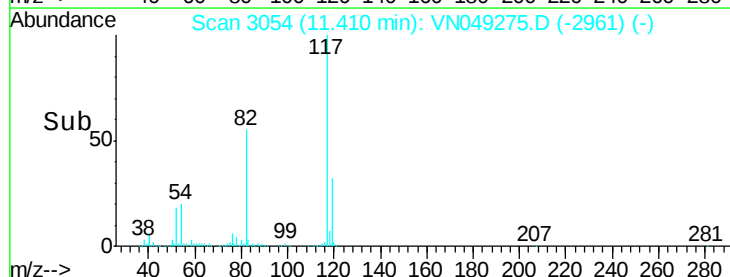
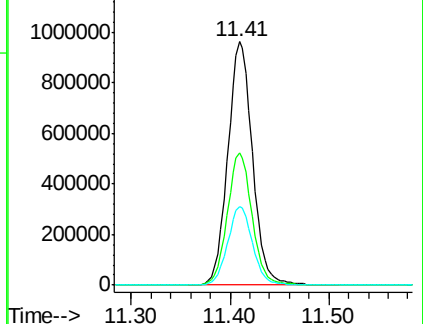
119 32.4 25.5 38.3

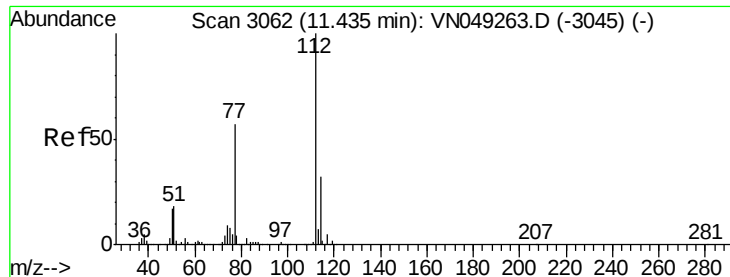


Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)





#65

Chlorobenzene

Concen: 0.67 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

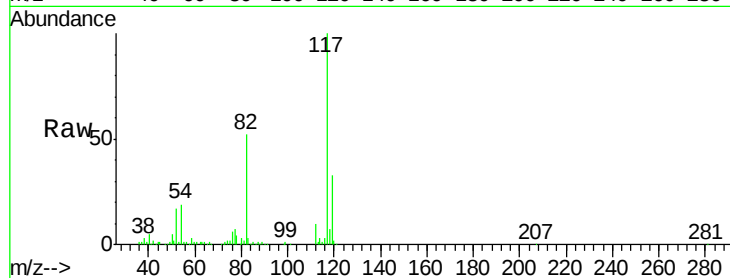
ClientSampled :

Tot Ion:112 Resp: 29249

Ion Ratio Lower Upper

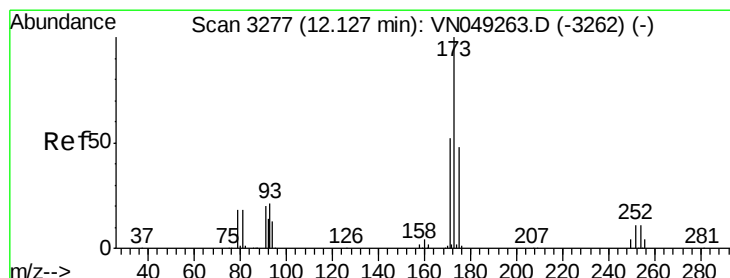
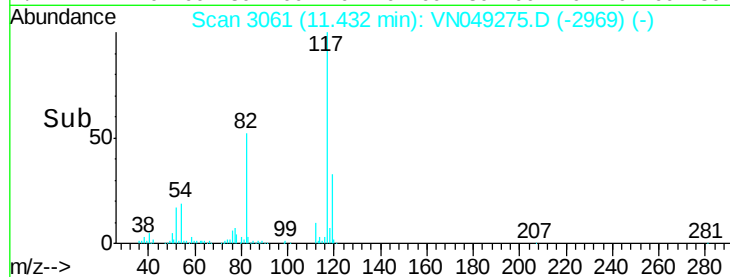
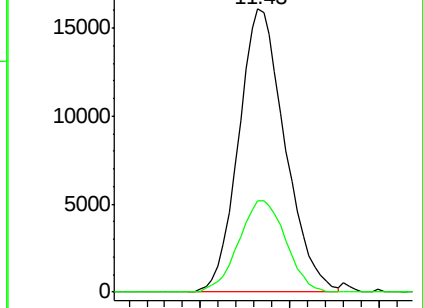
112 100

114 32.4 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: 0.49 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

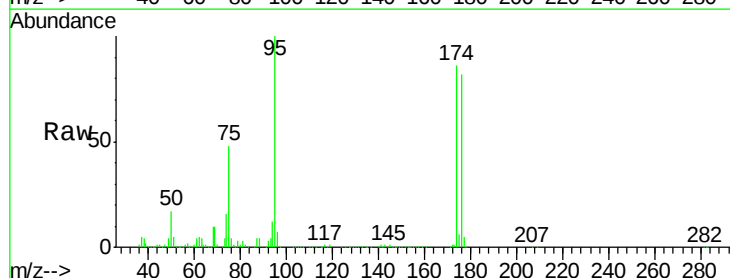
Tgt Ion:173 Resp: 5227

Ion Ratio Lower Upper

173 100

175 659.1 24.5 73.5#

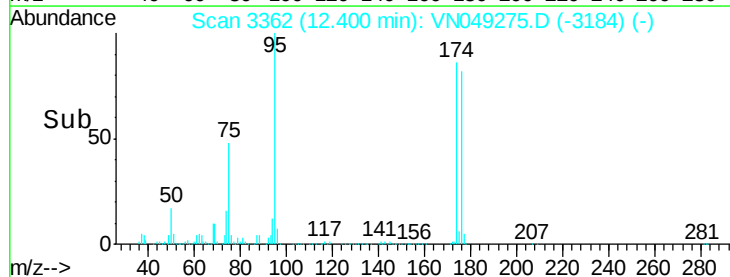
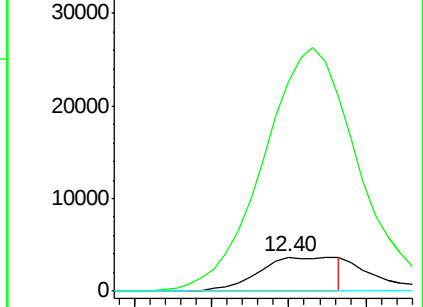
254 0.0 0.1 0.1#

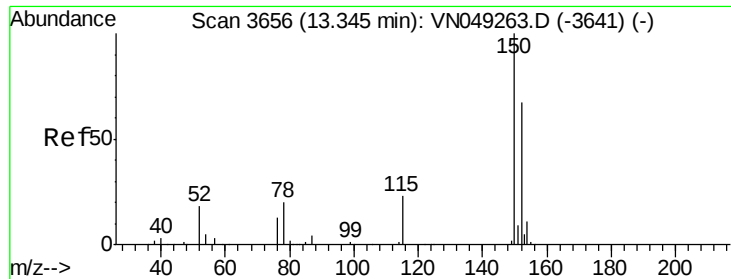


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampleId :

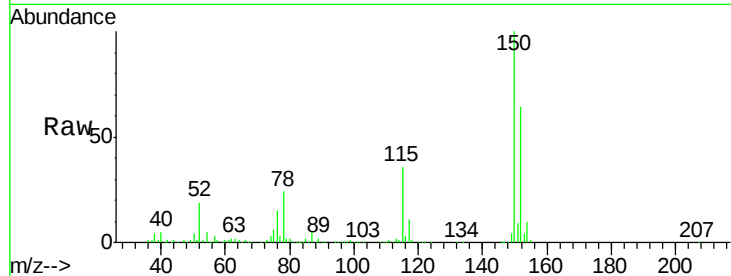
Tot Ion:152 Resp: 458470

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

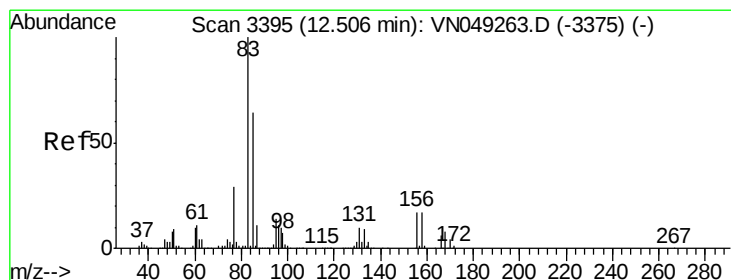
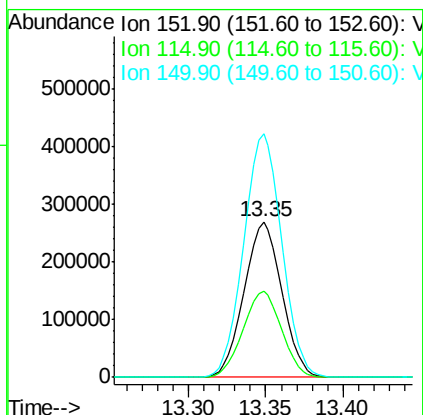
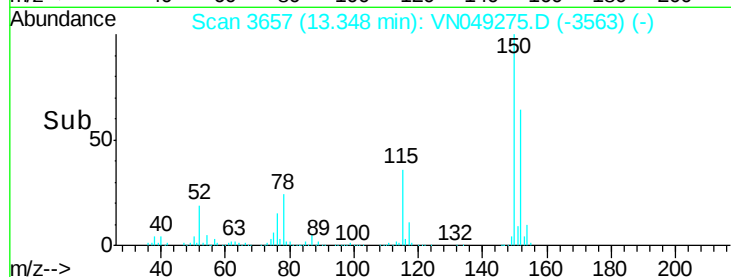
150 158.5 0.0 351.0



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: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

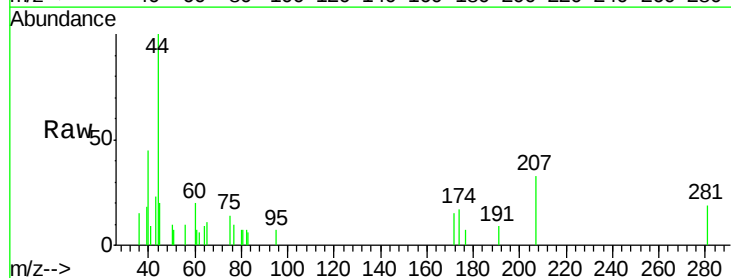
Tgt Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

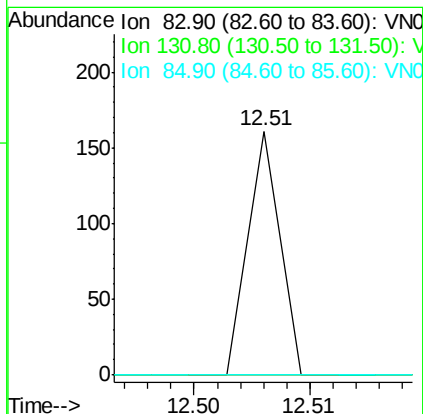
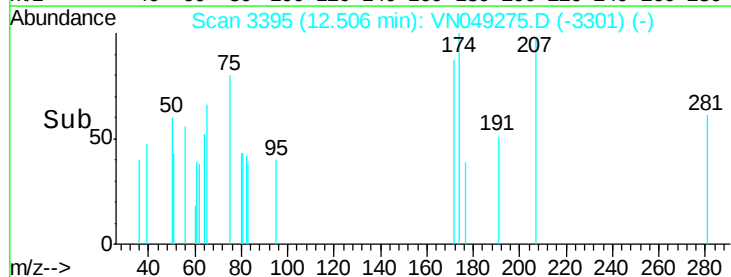
85 0.0 32.0 96.0#

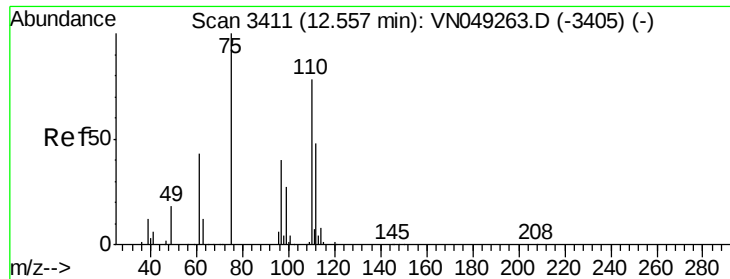


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 41.41 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

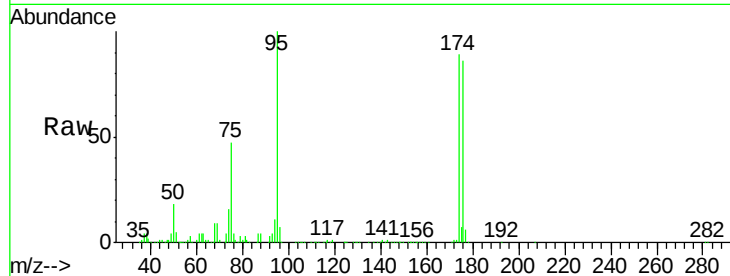
ClientSampled :

Tot Ion: 75 Resp: 323949

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

12.41

200000

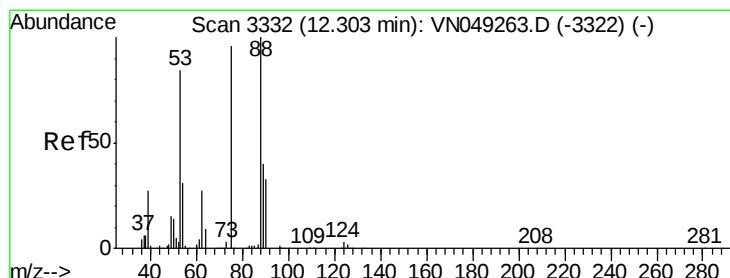
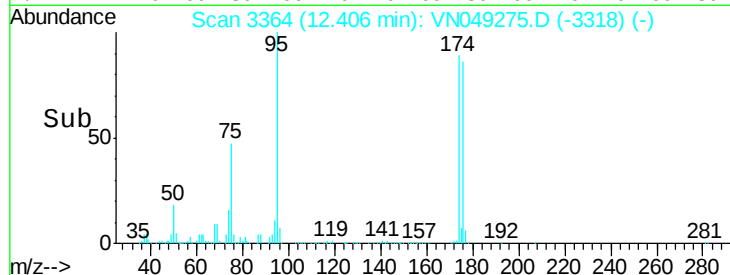
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 130.88 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

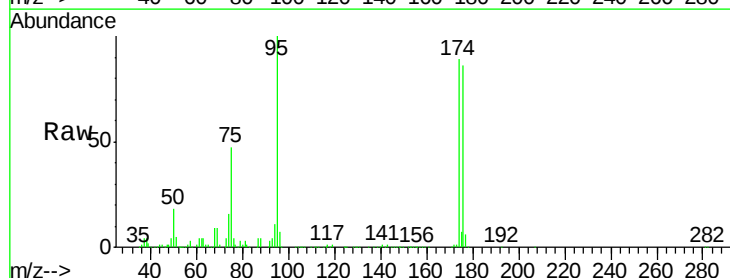
Tgt Ion: 75 Resp: 323949

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 53.00 (52.70 to 53.70): VNC

Ion 88.90 (88.60 to 89.60): VNC

250000

200000

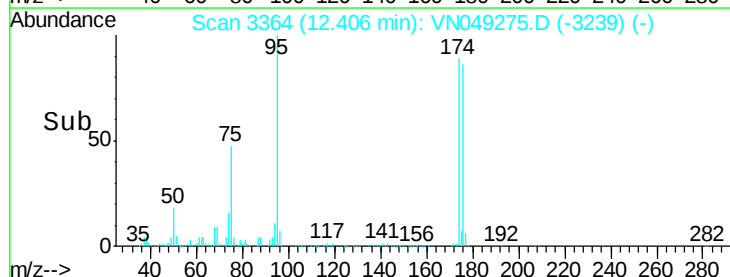
150000

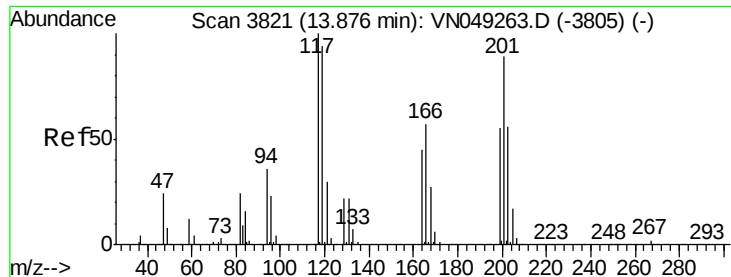
100000

50000

0

Time-->





#90

Hexachloroethane

Concen: Below Cal

RT: 13.83 min Scan# 3807

Delta R.T. -0.04 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

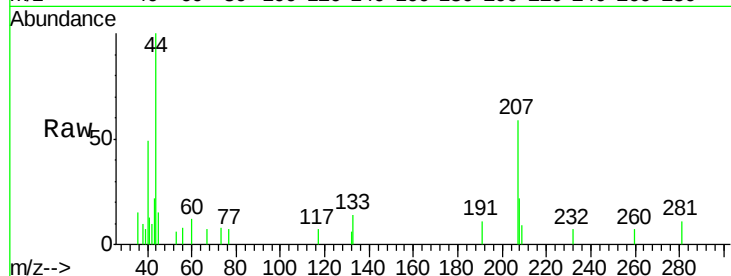
ClientSampleId :

Tot Ion:117 Resp: 33

Ion Ratio Lower Upper

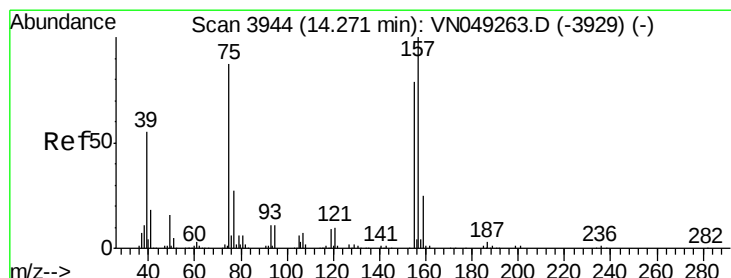
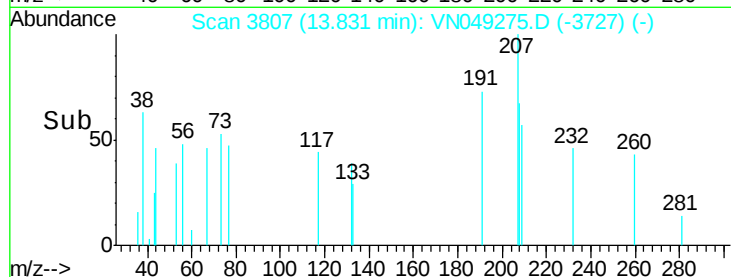
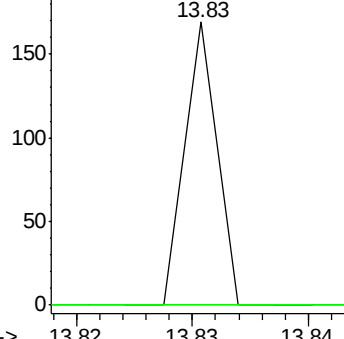
117 100

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: 0.42 ug/l

RT: 14.26 min Scan# 3942

Delta R.T. -0.01 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

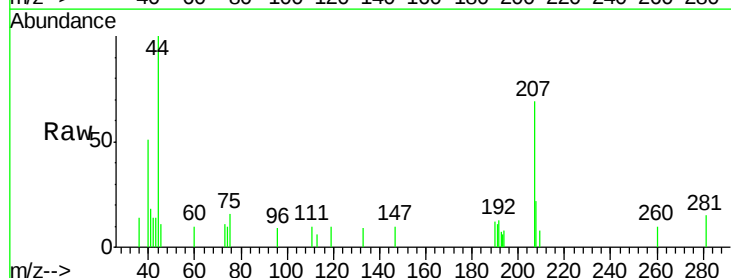
Tgt Ion: 75 Resp: 591

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

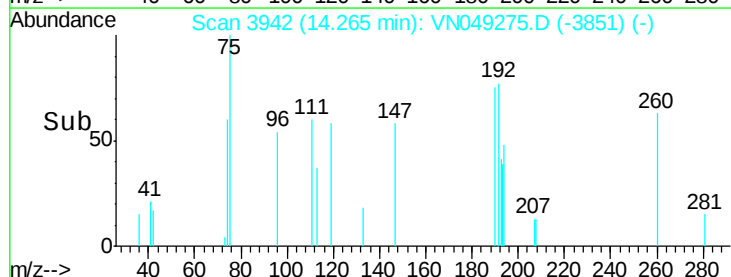
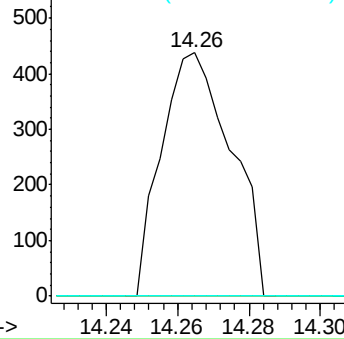
157 0.0 51.0 153.1#

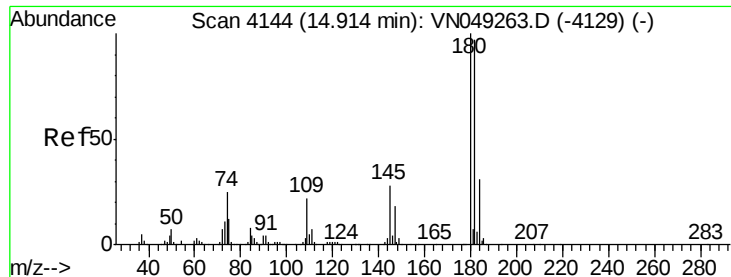


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

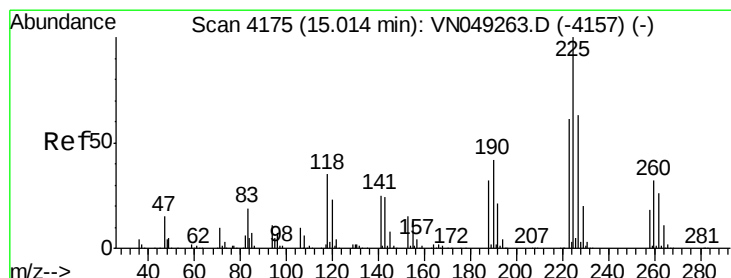
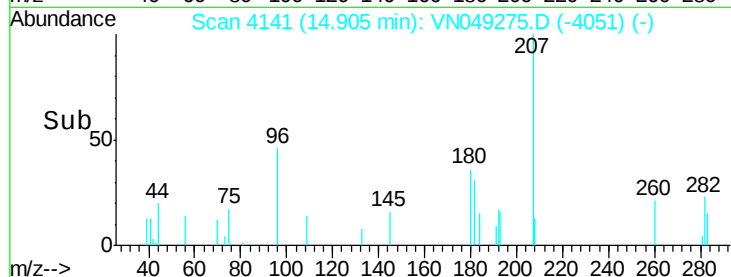
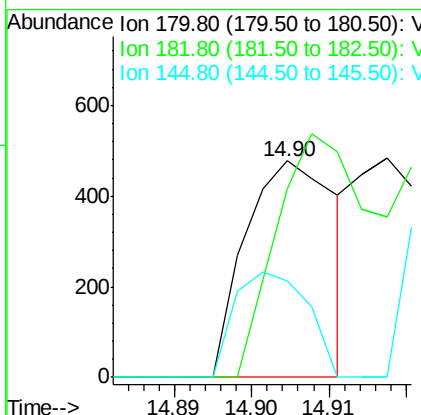
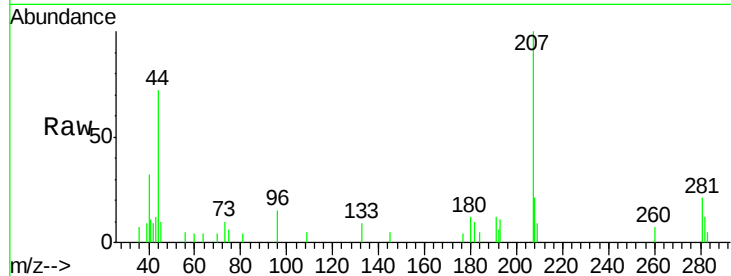




#93
 1,2,4-Trichlorobenzene
 Concen: 4.79 ua/l
 RT: 14.90 min Scan# 4141
 Delta R.T. -0.01 min
 Lab File: VN049275.D
 Acq: 15 Jun 2018 22:17

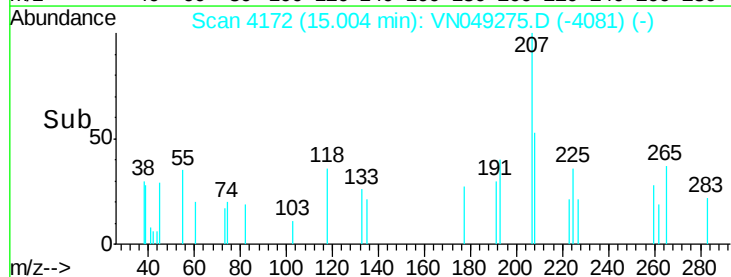
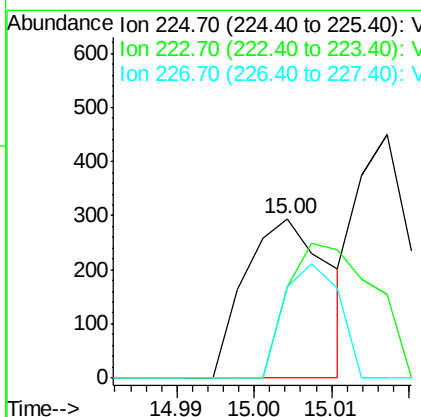
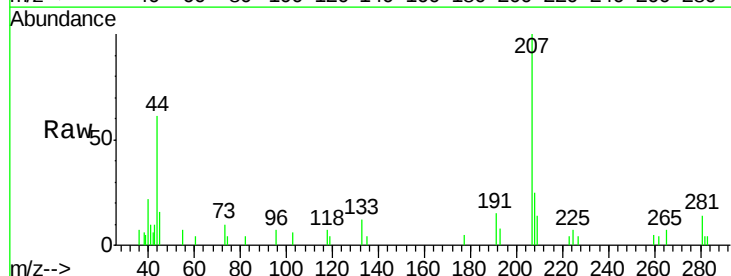
Instrument :
 MSVOA_N
 ClientSampled :

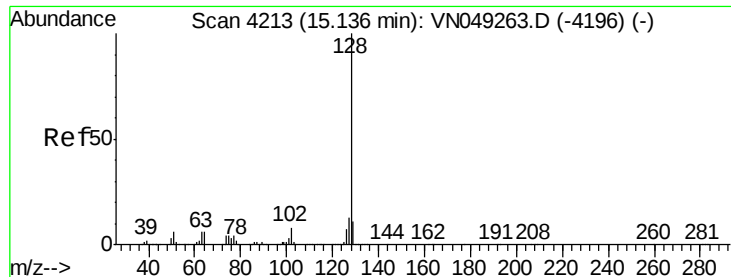
Tot Ion:180 Resp: 387
 Ion Ratio Lower Upper
 180 100
 182 119.1 46.9 140.8
 145 39.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4172
 Delta R.T. -0.01 min
 Lab File: VN049275.D
 Acq: 15 Jun 2018 22:17

Tgt Ion:225 Resp: 221
 Ion Ratio Lower Upper
 225 100
 223 86.4 32.1 96.3
 227 47.5 31.8 95.3





#95

Naphthalene

Concen: 2.23 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

Instrument :

MSVOA_N

ClientSampled :

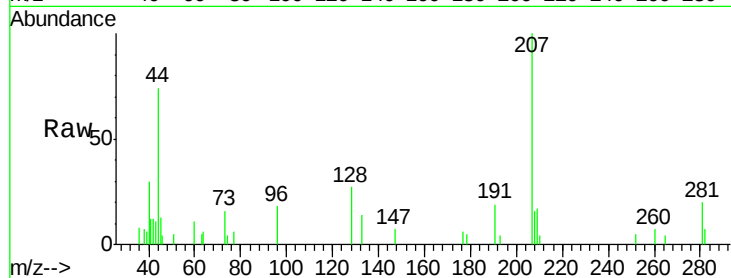
Tot Ion:128 Resp: 1952

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 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

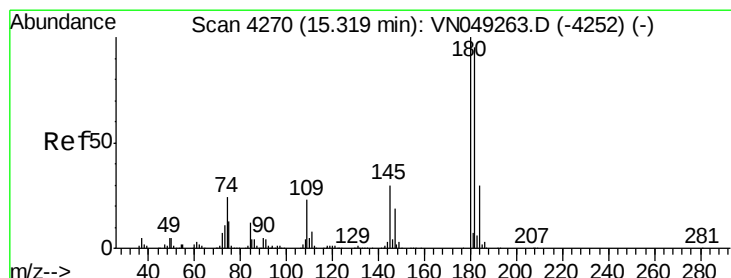
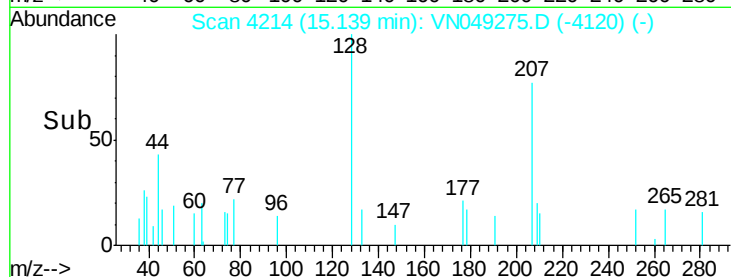
15.14

1000

500

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 3.53 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049275.D

Acq: 15 Jun 2018 22:17

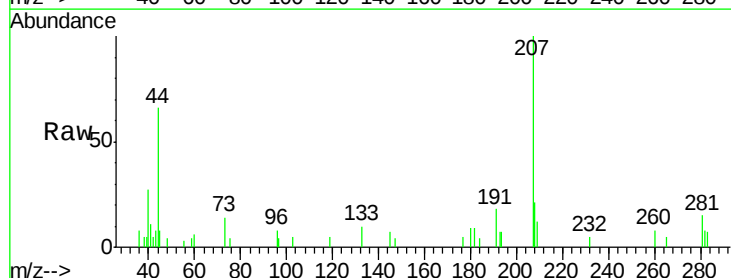
Tgt Ion:180 Resp: 587

Ion Ratio Lower Upper

180 100

182 115.8 47.3 141.8

145 26.2 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.32

600

500

400

300

200

100

0

Time-->

