

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049276.D
 Acq On : 15 Jun 2018 22:43
 Operator : MD\SY
 Sample : PB110255ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 01:25:39 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	1251858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2019251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1550826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399735	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	820032	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
35) Dibromofluoromethane	7.59	113	731221	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
50) Toluene-d8	10.09	98	2724167	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	
62) 4-Bromofluorobenzene	12.40	95	609157	29.62	ug/l	0.00
Spiked Amount			Recovery	=	59.24%	

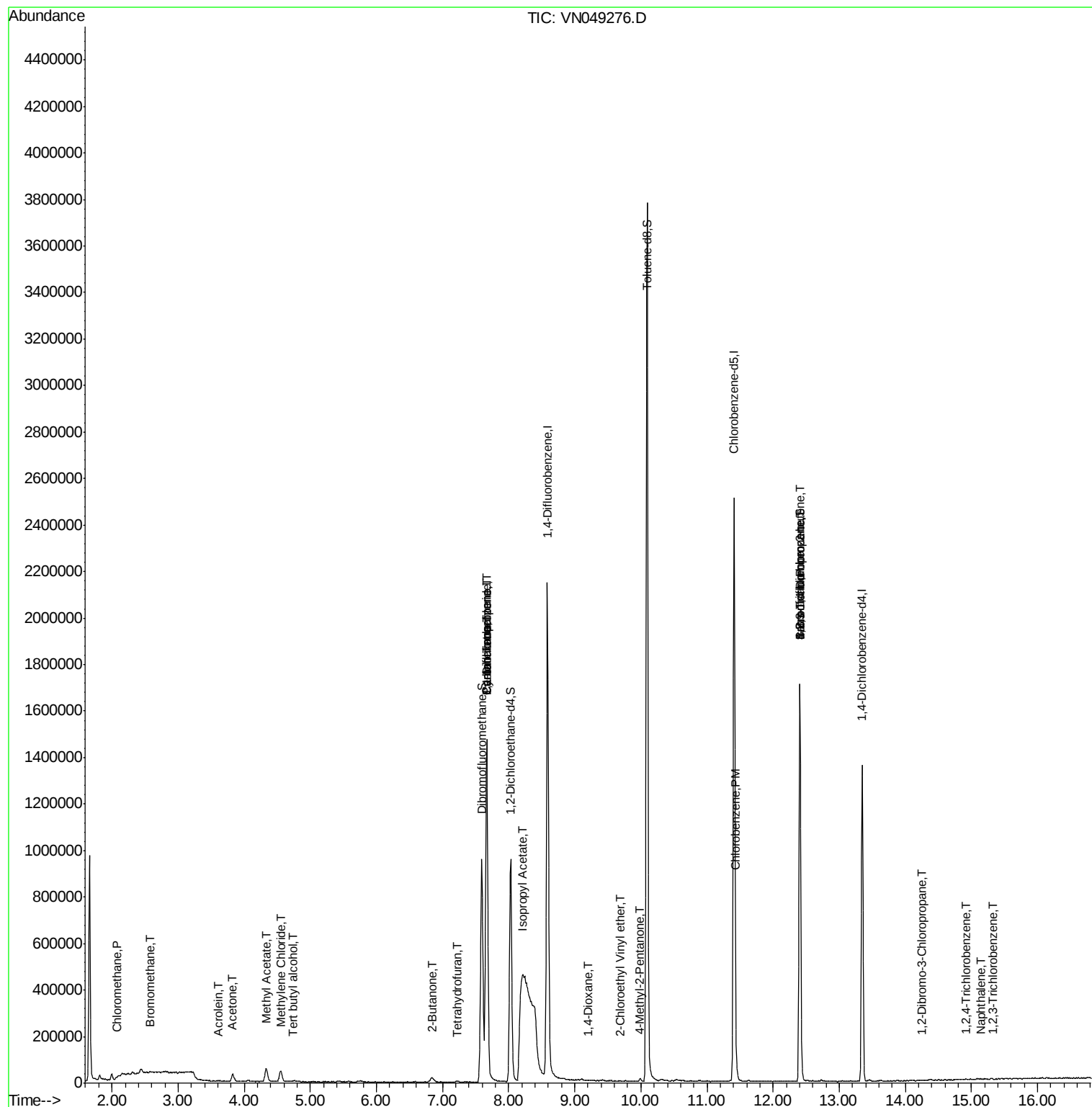
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4342	0.23	ug/l	93
5) Bromomethane	2.57	94	3170	0.30	ug/l	# 80
11) Tert butyl alcohol	4.74	59	3149	3.23	ug/l	# 70
13) Acrolein	3.60	56	217	0.21	ug/l	# 6
16) Acetone	3.82	43	50039	12.41	ug/l	# 80
18) Methyl Acetate	4.33	43	111339	9.06	ug/l	95
20) Methylene Chloride	4.55	84	33799	2.01	ug/l	# 82
25) 2-Butanone	6.84	43	5716	1.06	ug/l	# 86
29) Tetrahydrofuran	7.23	42	2300	0.66	ug/l	# 57
31) Cyclohexane	7.67	56	24081	0.81	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	88717	3.83	ug/l	# 50
38) Carbon Tetrachloride	7.67	117	110670	4.62	ug/l	# 18
43) Isopropyl Acetate	8.20	43	400583	16.66	ug/l	# 64
49) 1,4-Dioxane	9.22	88	96	0.61	ug/l	# 11
51) 4-Methyl-2-Pentanone	9.99	43	8189	0.65	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	166	14.35	ug/l	# 51
65) Chlorobenzene	11.44	112	24413	0.61	ug/l	94
71) Bromoform	12.40	173	2781	0.29	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.49	83	33	Below	Cal	# 1
76) 1,2,3-Trichloropropane	12.40	75	298284	43.73	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	298284	138.22	ug/l	# 9
90) Hexachloroethane	13.66	117	73	Below	Cal	# 9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	443	0.36	ug/l	# 4
93) 1,2,4-Trichlorobenzene	14.91	180	853	4.86	ug/l	# 70
94) Hexachlorobutadiene	15.00	225	313	Below	Cal	# 54
95) Naphthalene	15.14	128	999	2.17	ug/l	# 77
96) 1,2,3-Trichlorobenzene	15.32	180	753	3.56	ug/l	# 50

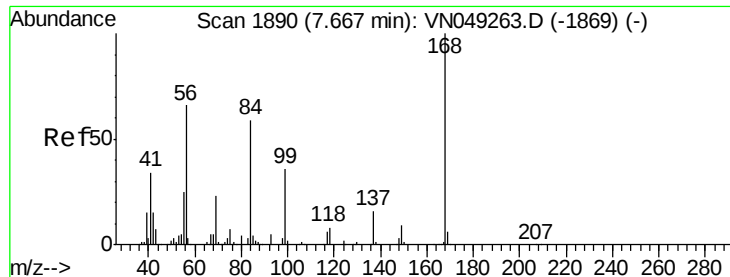
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1891

Delta R.T. 0.00 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

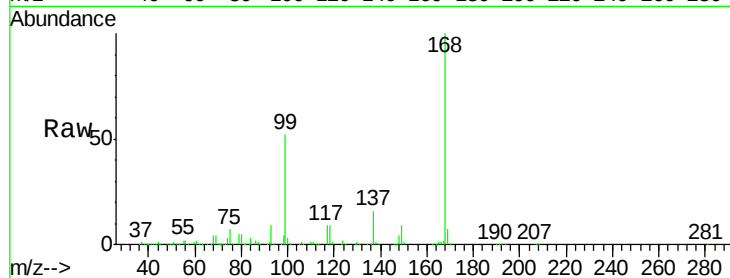
ClientSampleId :

Tot Ion:168 Resp: 1251858

Ion Ratio Lower Upper

168 100

99 51.7 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

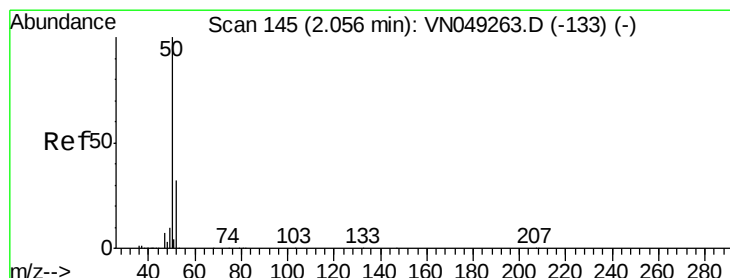
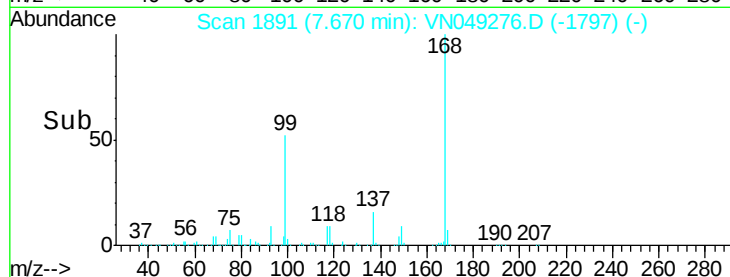
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049276.D

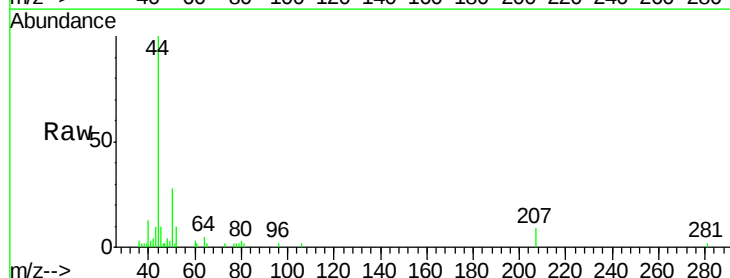
Acq: 15 Jun 2018 22:43

Tgt Ion: 50 Resp: 4342

Ion Ratio Lower Upper

50 100

52 35.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

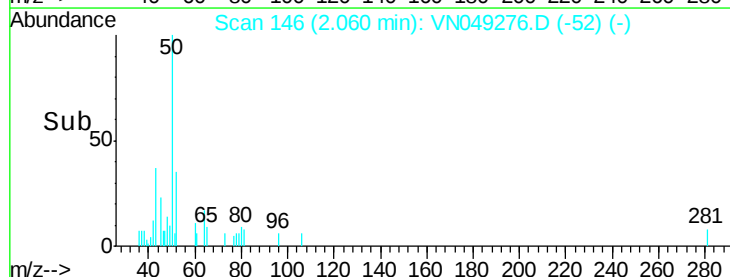
3000

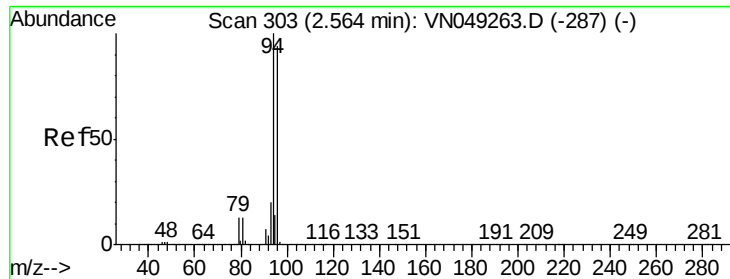
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.30 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

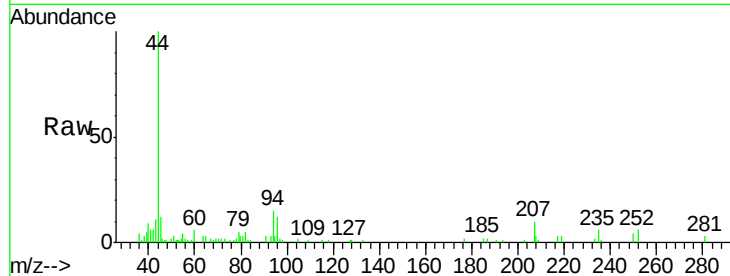
ClientSampled :

Tot Ion: 94 Resp: 3170

Ion Ratio Lower Upper

94 100

96 72.0 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2500

2000

1500

1000

500

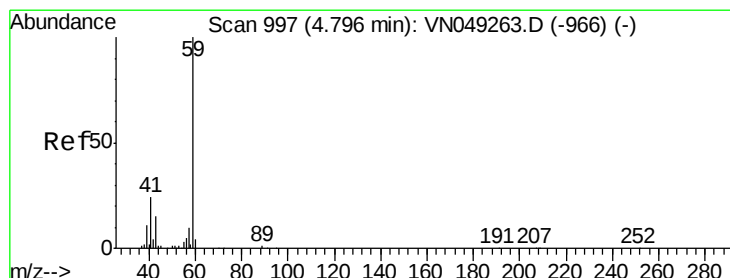
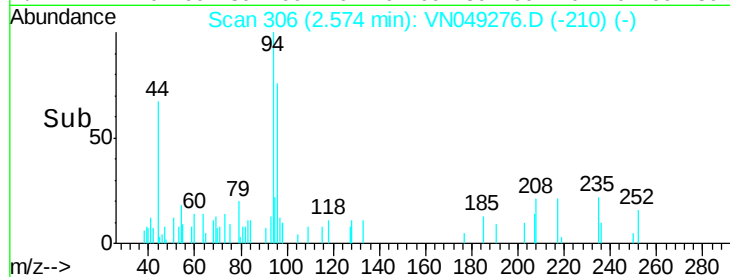
0

Time-->

2.55

2.57

2.60



#11

Tert butyl alcohol

Concen: 3.23 ug/l

RT: 4.74 min Scan# 980

Delta R.T. -0.05 min

Lab File: VN049276.D

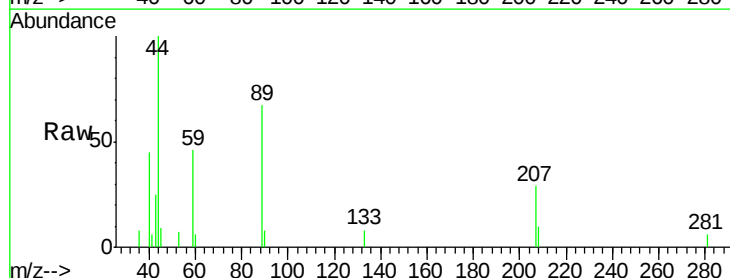
Acq: 15 Jun 2018 22:43

Tgt Ion: 59 Resp: 3149

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

1000

500

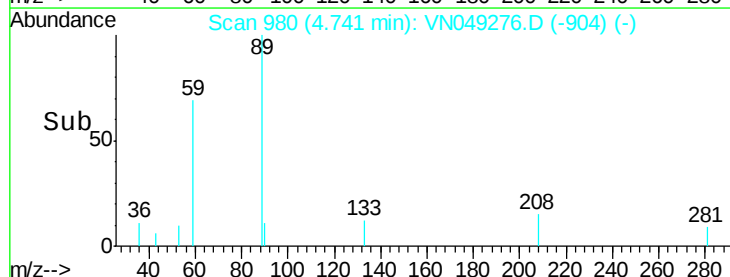
0

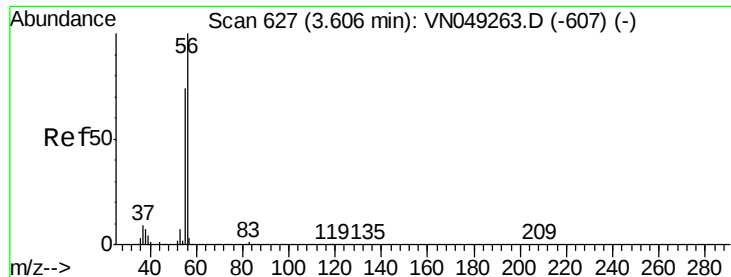
Time-->

4.70

4.74

4.80





#13

Acrolein

Concen: 0.21 ug/l

RT: 3.60 min Scan# 625

Delta R.T. -0.01 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

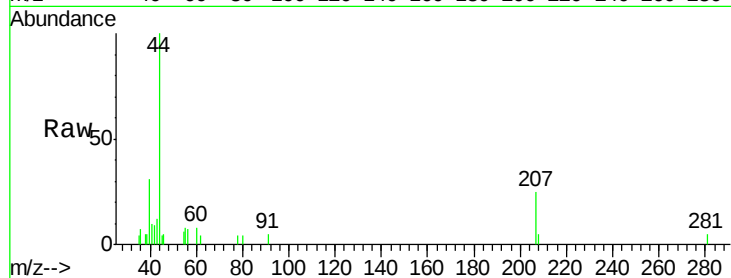
ClientSampled :

Tot Ion: 56 Resp: 217

Ion Ratio Lower Upper

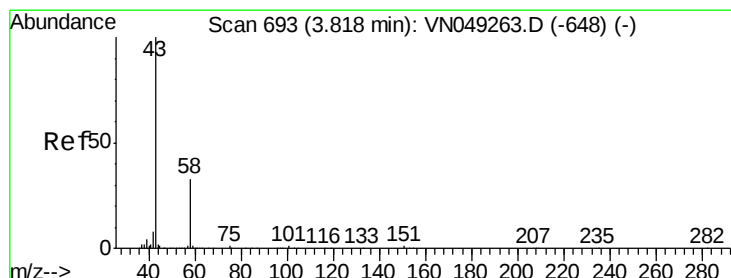
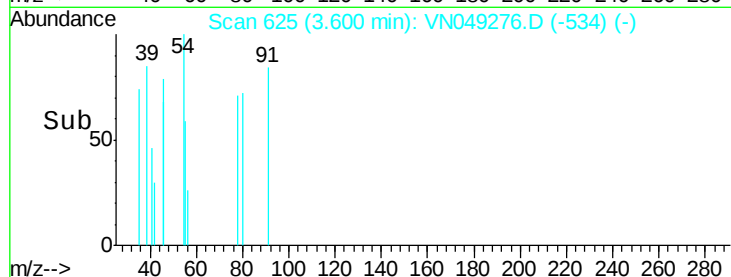
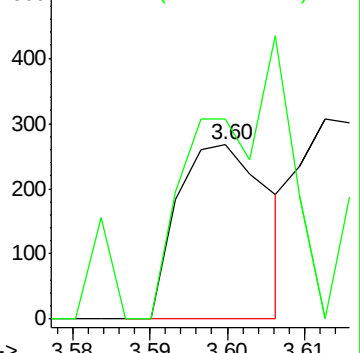
56 100

55 149.3 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 12.41 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049276.D

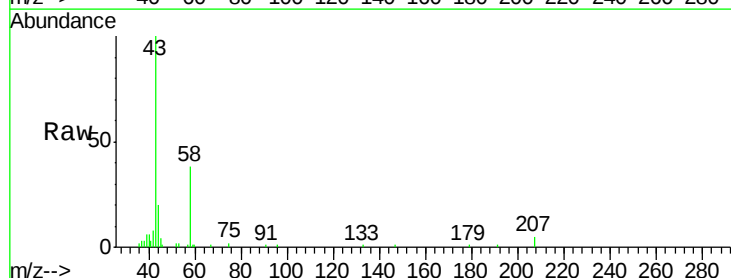
Acq: 15 Jun 2018 22:43

Tgt Ion: 43 Resp: 50039

Ion Ratio Lower Upper

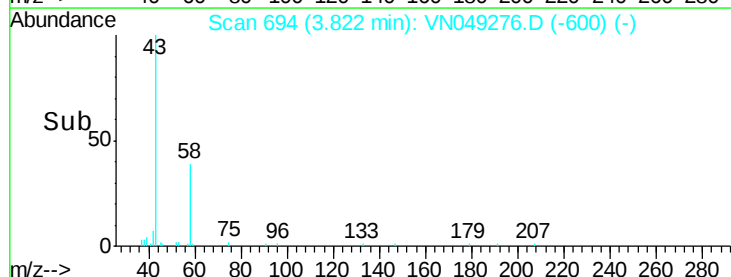
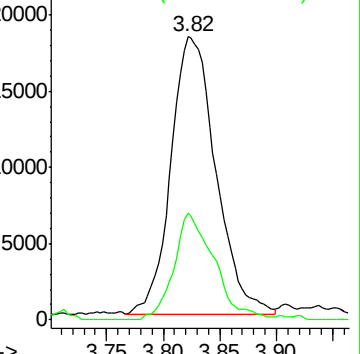
43 100

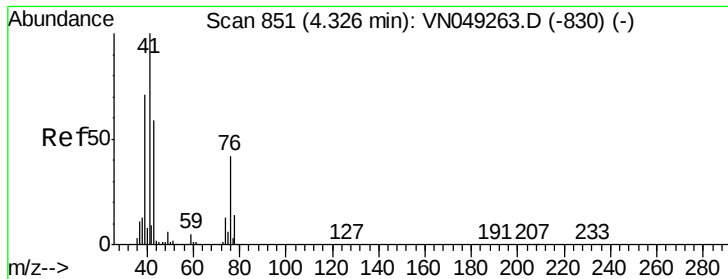
58 38.5 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

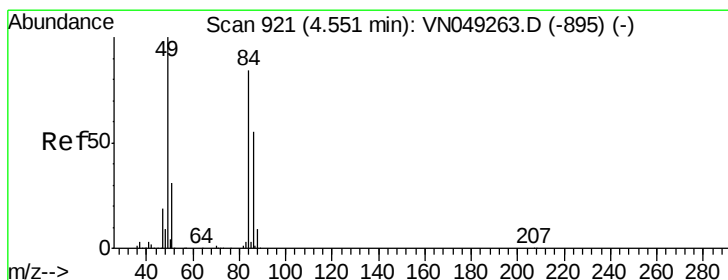
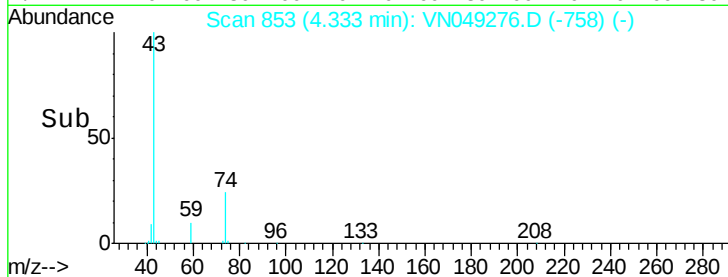
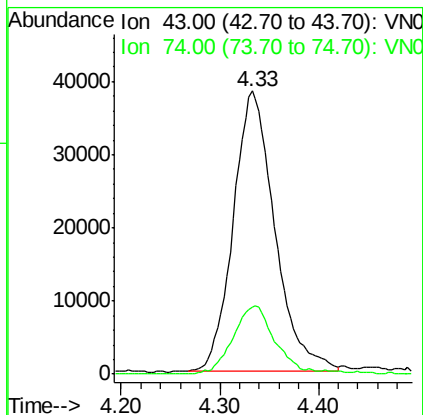
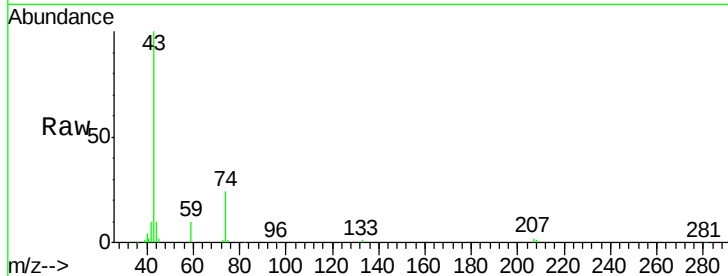




#18
Methvl Acetate
Concen: 9.06 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

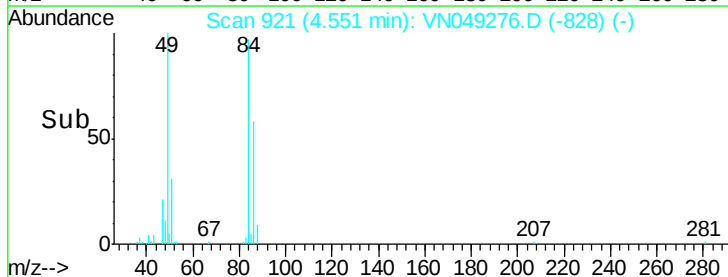
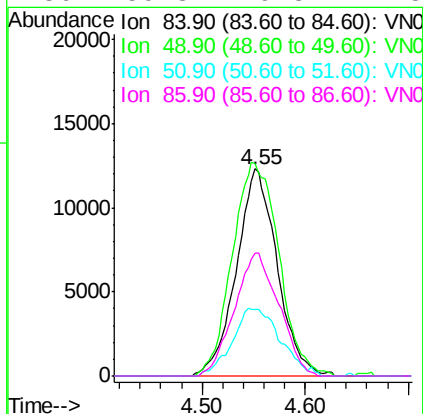
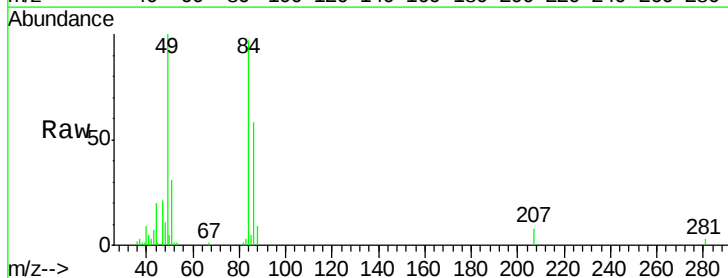
Instrument :
MSVOA_N
ClientSampleId :

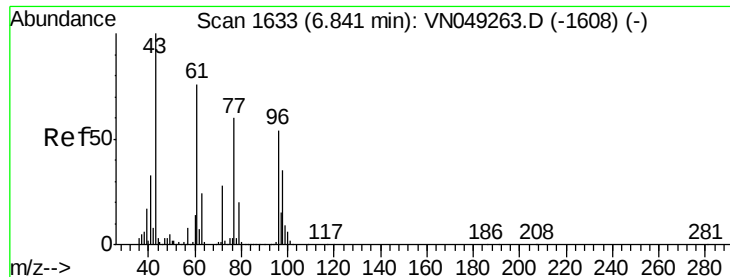
Tot Ion: 43 Resp: 111339
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0



#20
Methylene Chloride
Concen: 2.01 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

Tgt Ion: 84 Resp: 33799
Ion Ratio Lower Upper
84 100
49 103.1 106.9 160.3#
51 32.2 32.7 49.1#
86 59.3 49.8 74.8





#25

2-Butanone

Concen: 1.06 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

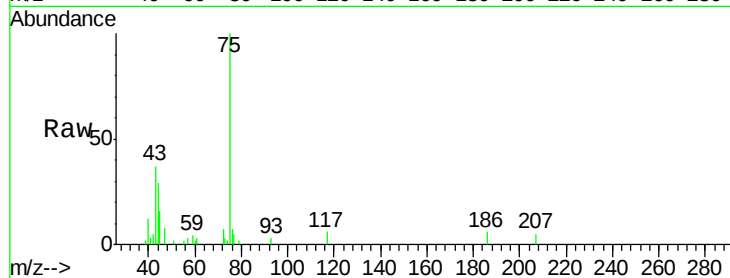
ClientSampleId :

Tot Ion: 43 Resp: 5716

Ion Ratio Lower Upper

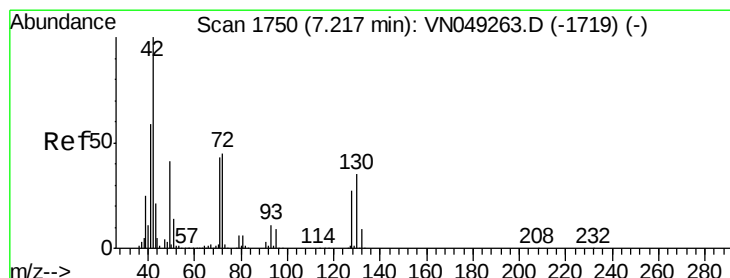
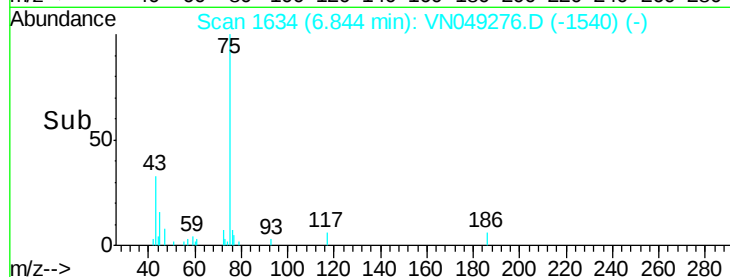
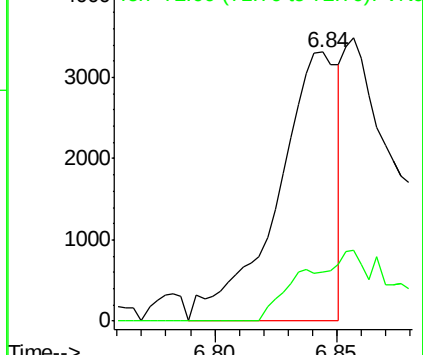
43 100

72 18.1 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN049276.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049276.D (-1540) (-)



#29

Tetrahydrofuran

Concen: 0.66 ug/l

RT: 7.23 min Scan# 1755

Delta R.T. 0.02 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

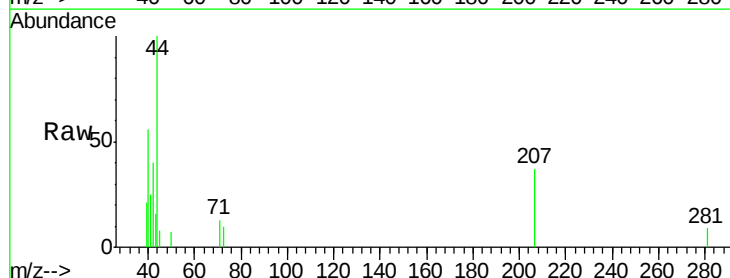
Tgt Ion: 42 Resp: 2300

Ion Ratio Lower Upper

42 100

72 2.5 32.2 48.4#

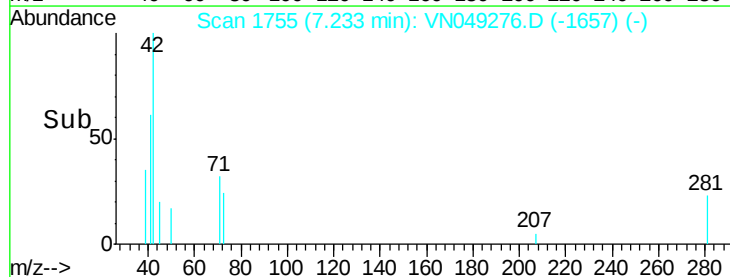
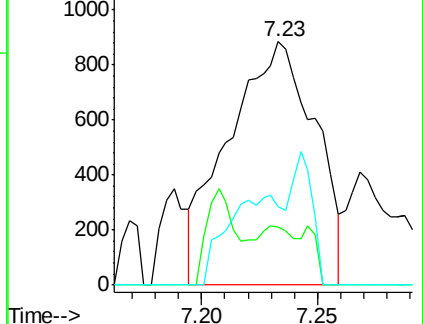
71 24.1 30.5 45.7#

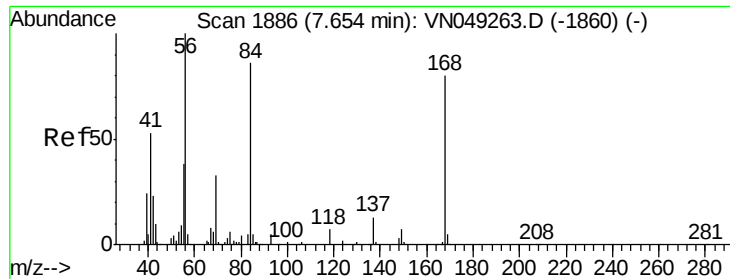


Abundance Ion 42.00 (41.70 to 42.70): VN049276.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN049276.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN049276.D (-1657) (-)





#31

Cyclohexane

Concen: 0.81 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :
MSVOA_N
ClientSampled :

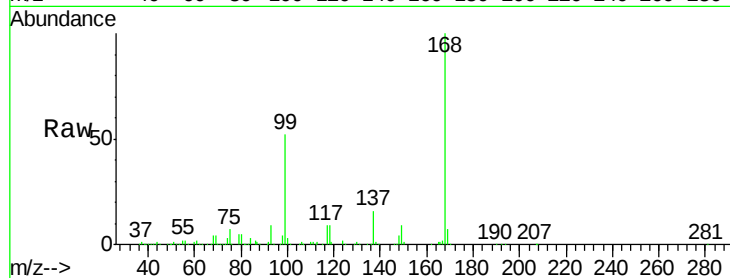
Tot Ion: 56 Resp: 24081

Ion Ratio Lower Upper

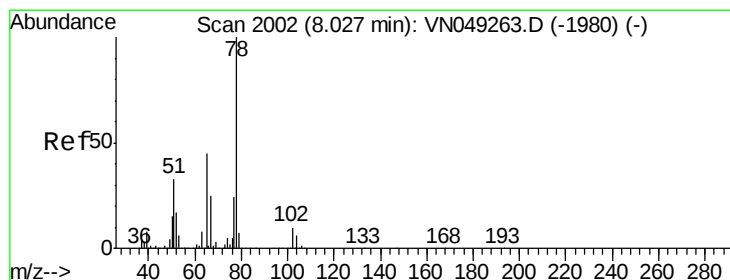
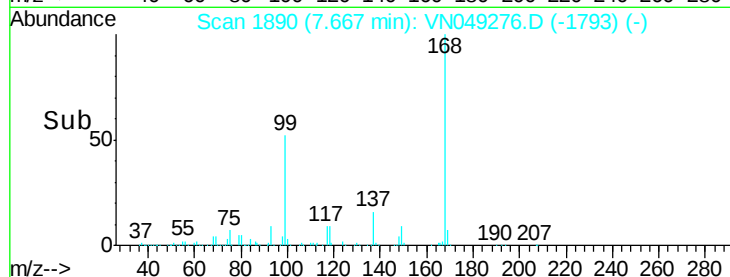
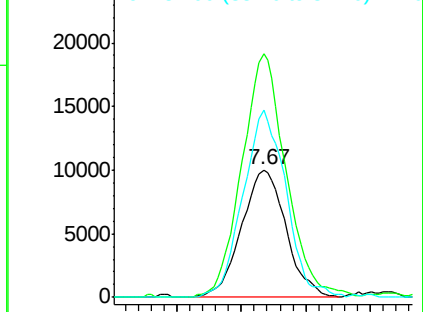
56 100

69 190.6 25.0 37.4#

84 146.2 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: 49.39 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049276.D

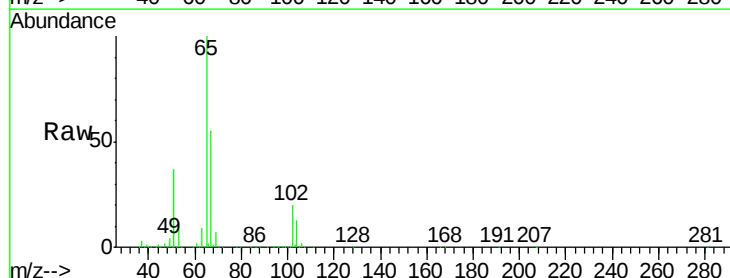
Acq: 15 Jun 2018 22:43

Tgt Ion: 65 Resp: 820032

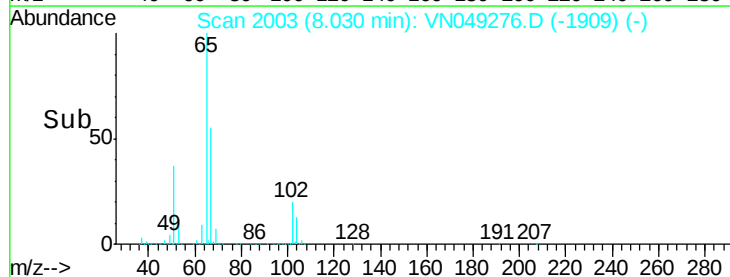
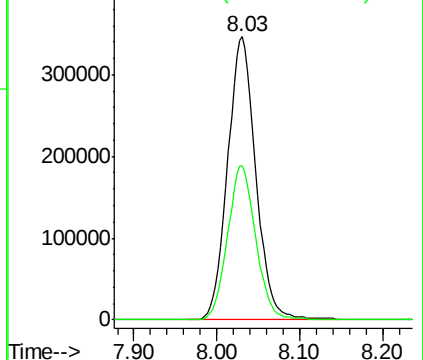
Ion Ratio Lower Upper

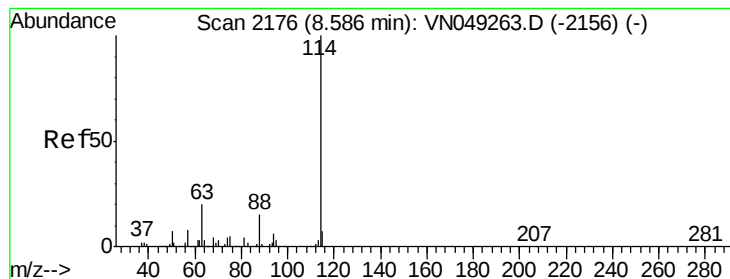
65 100

67 54.8 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: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

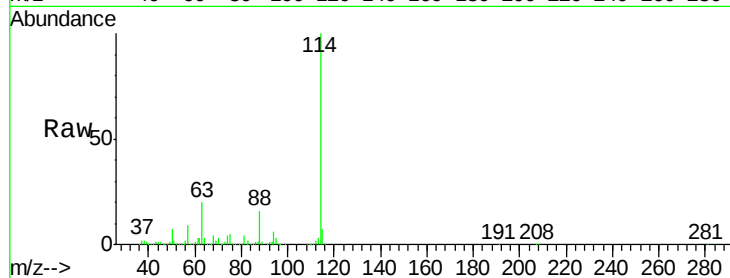
Tot Ion:114 Resp: 2019251

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

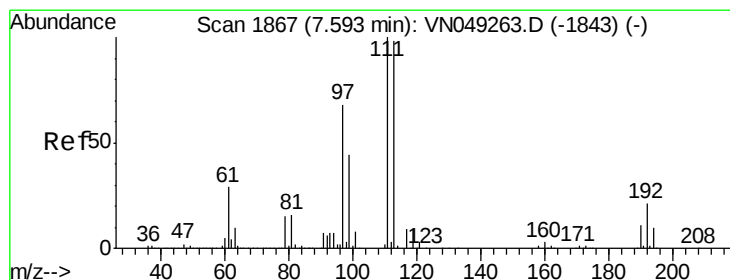
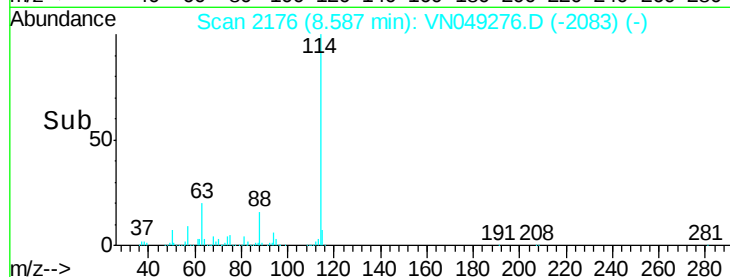
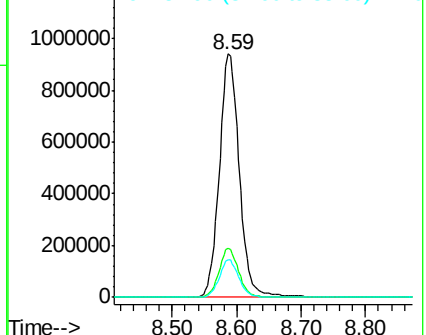
88 15.6 0.0 31.4



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: 44.76 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

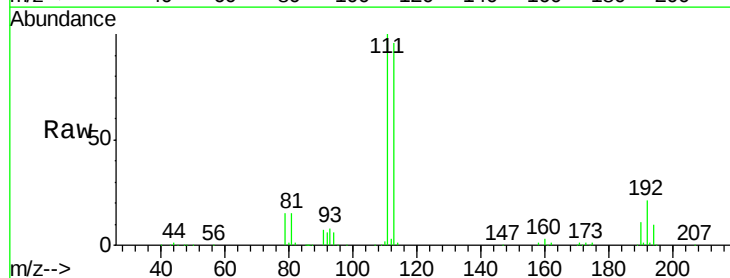
Tgt Ion:113 Resp: 731221

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

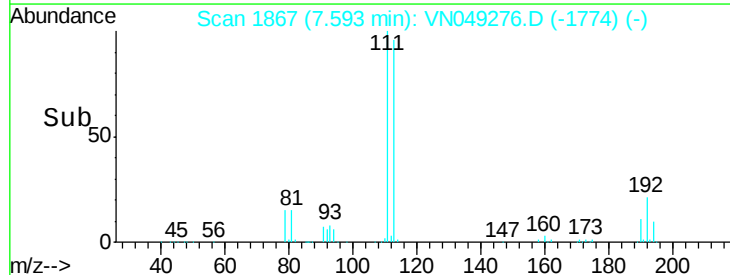
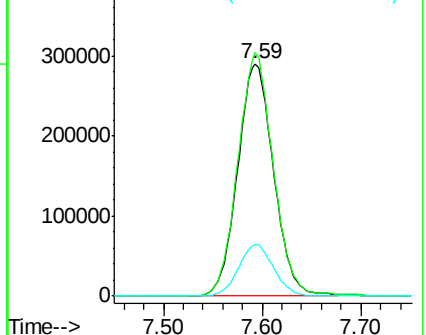
192 21.9 15.0 22.6

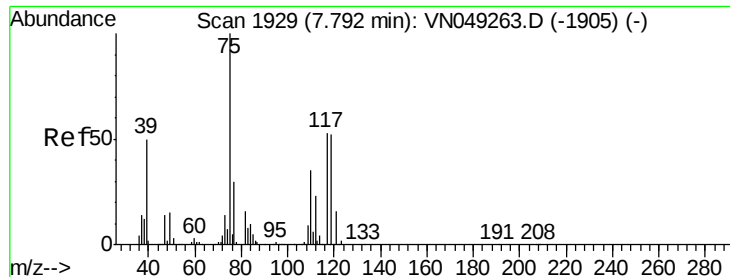


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.83 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :
MSVOA_N
ClientSampleId :

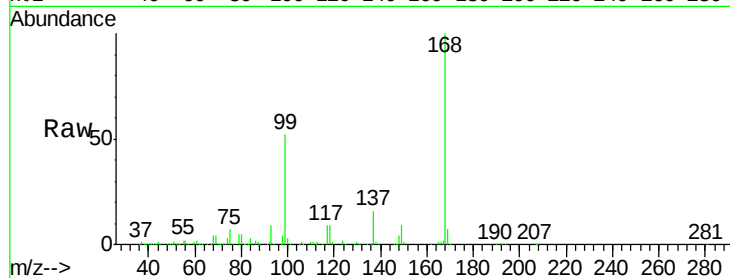
Tot Ion: 75 Resp: 88717

Ion Ratio Lower Upper

75 100

110 8.2 17.0 50.9#

77 0.0 24.4 36.6#

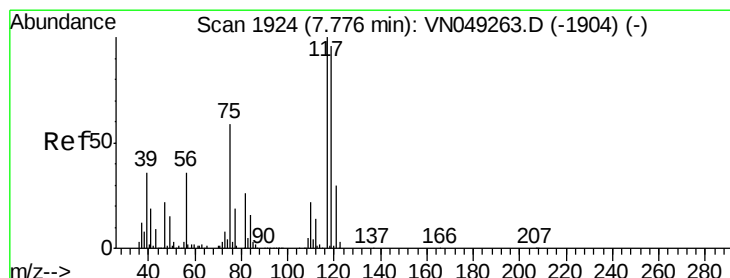
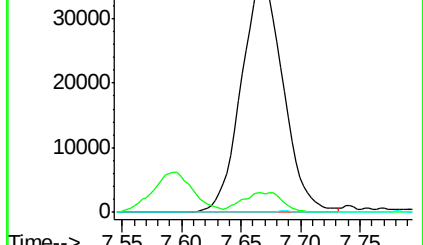
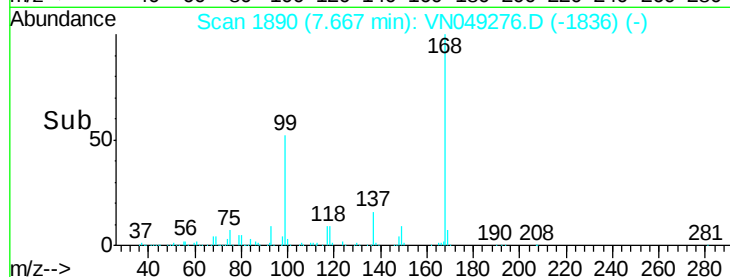


Abundance Ion 74.90 (74.60 to 75.60): VN049276.D (-1836) (-)

Ion 109.90 (109.60 to 110.60): VN049276.D (-1836) (-)

Ion 76.90 (76.60 to 77.60): VN049276.D (-1836) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.62 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

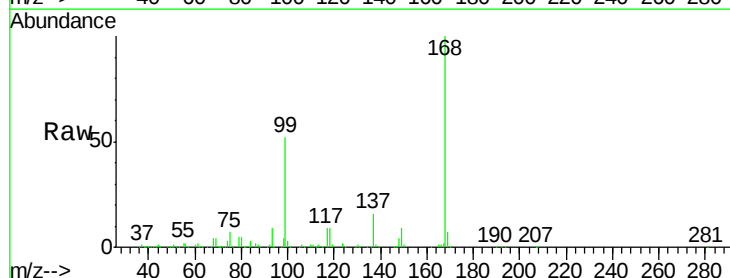
Tgt Ion: 117 Resp: 110670

Ion Ratio Lower Upper

117 100

119 6.4 75.6 113.4#

121 0.0 24.7 37.1#

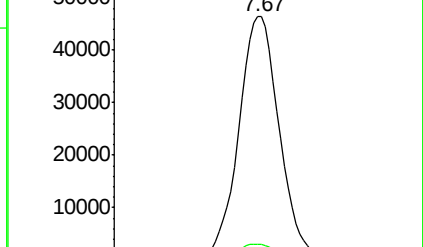
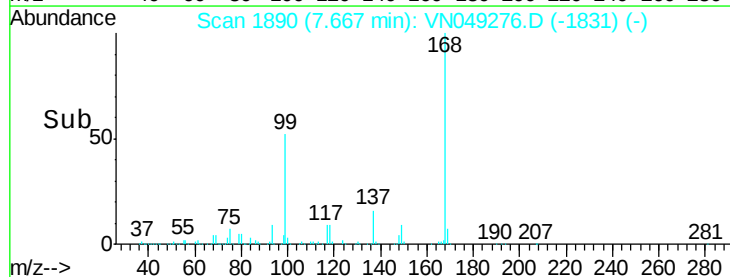


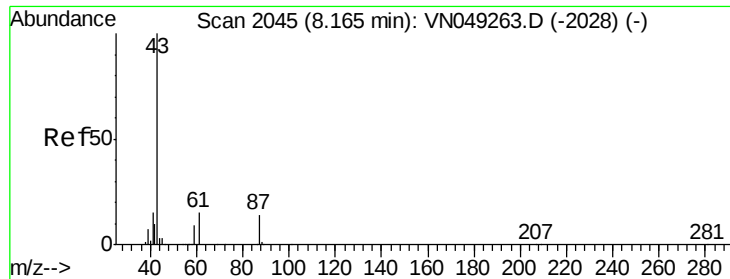
Abundance Ion 116.80 (116.50 to 117.50): VN049276.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN049276.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN049276.D (-1831) (-)

Time-->





#43

Isopropyl Acetate

Concen: 16.66 ug/l

RT: 8.20 min Scan# 2056

Delta R.T. 0.04 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

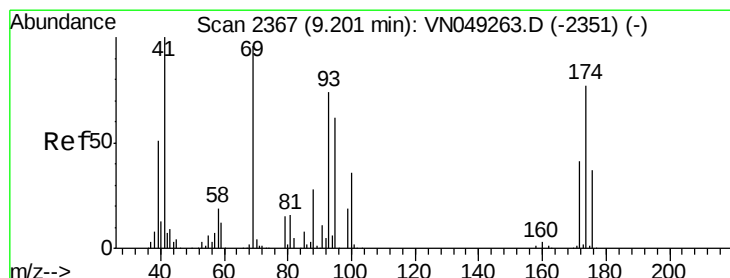
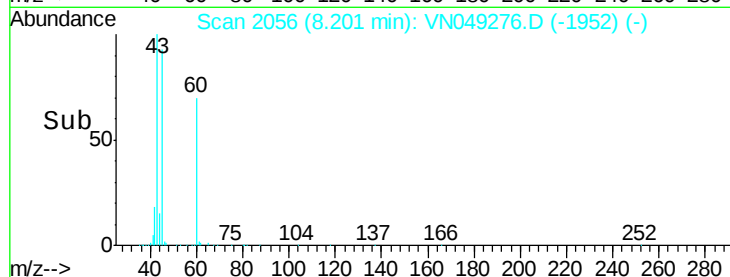
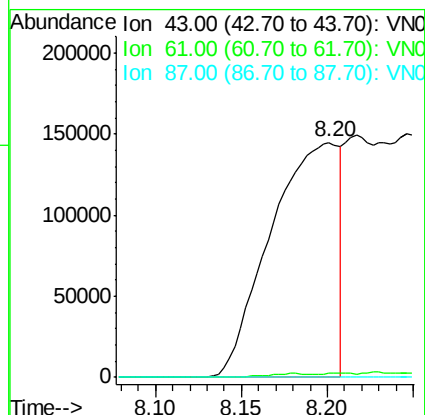
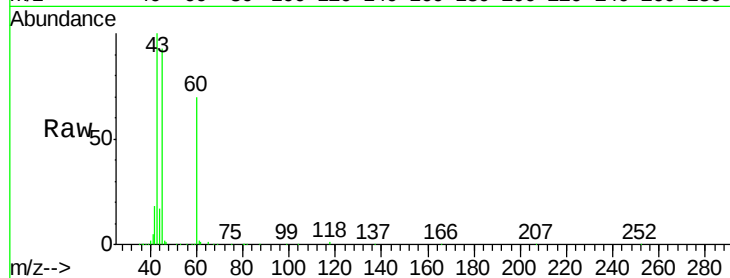
Tot Ion: 43 Resp: 400583

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.4 14.0#



#49

1,4-Dioxane

Concen: 0.61 ug/l

RT: 9.22 min Scan# 2372

Delta R.T. 0.02 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

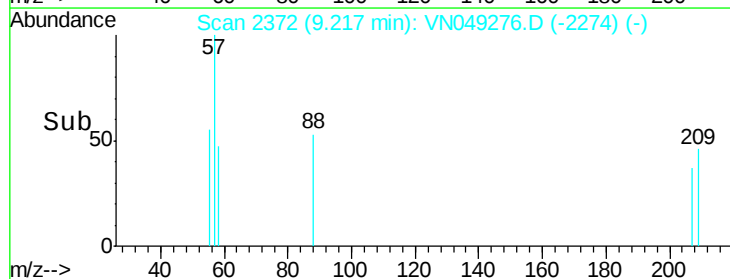
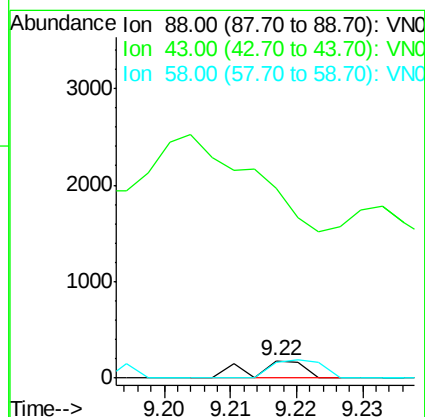
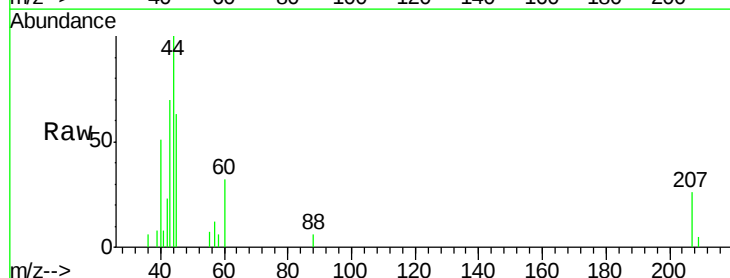
Tgt Ion: 88 Resp: 96

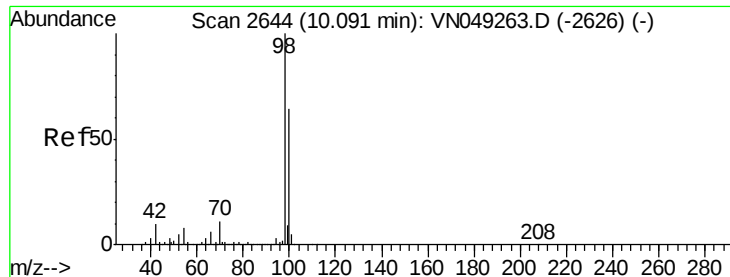
Ion Ratio Lower Upper

88 100

43 154.2 30.9 46.3#

58 104.2 58.9 88.3#

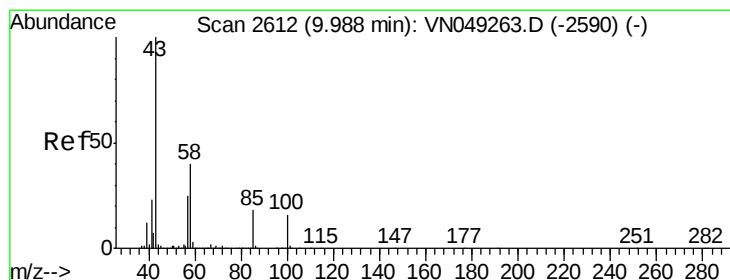
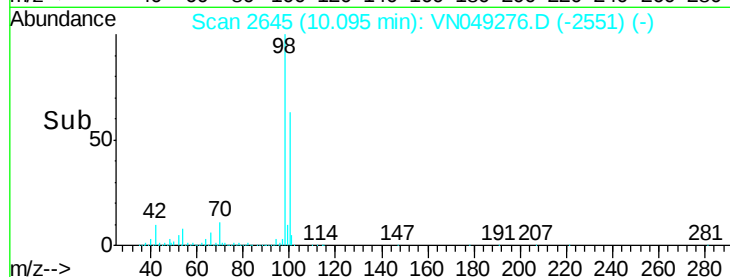
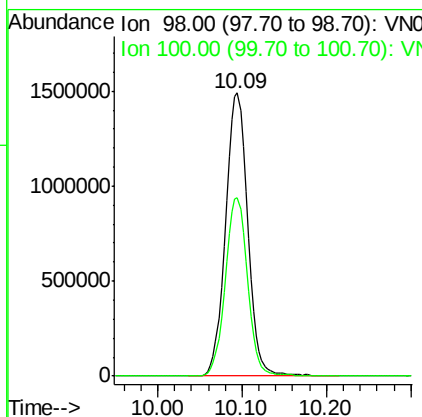
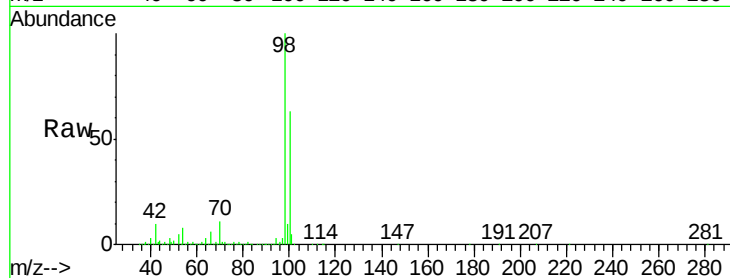




#50
Toluene-d8
Concen: 43.79 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

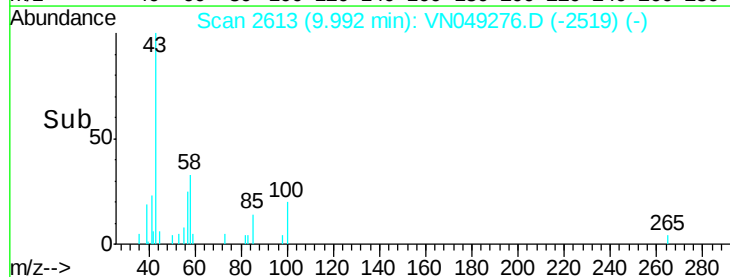
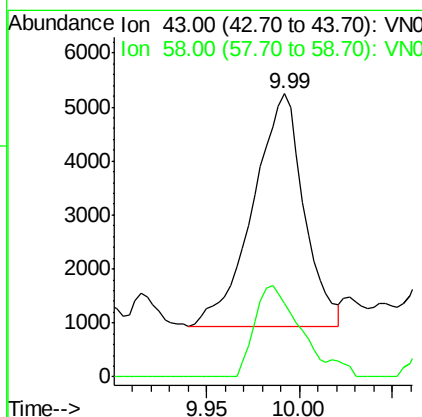
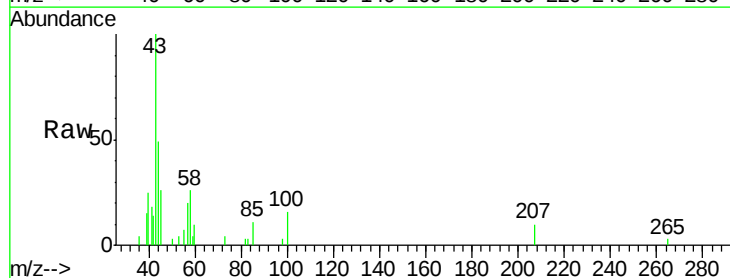
Instrument :
MSVOA_N
ClientSampled :

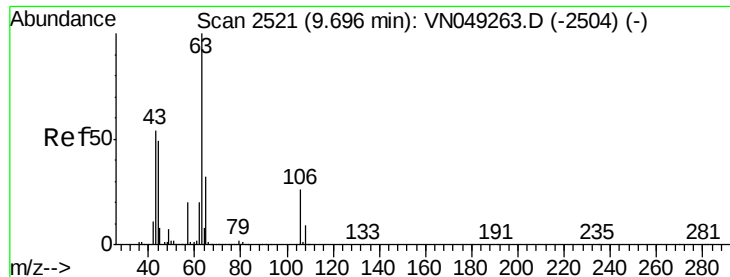
Tot Ion: 98 Resp: 2724167
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

Tgt Ion: 43 Resp: 8189
Ion Ratio Lower Upper
43 100
58 33.9 29.0 43.6





#58

2-Chloroethyl Vinyl ether

Concen: 14.35 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

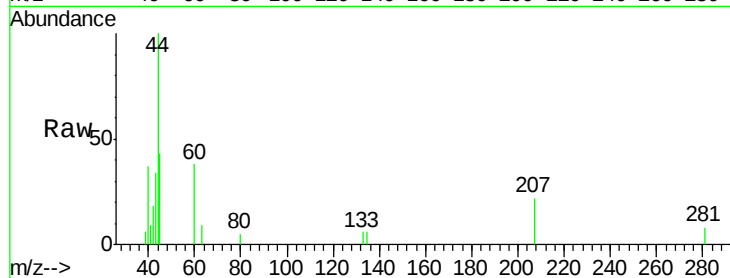
ClientSampled :

Tot Ion: 63 Resp: 166

Ion Ratio Lower Upper

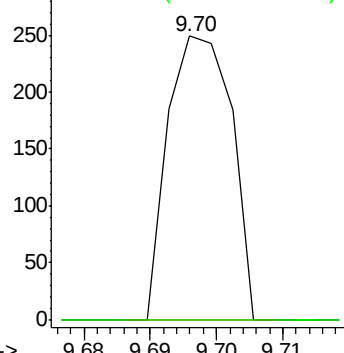
63 100

106 0.0 19.4 29.2#

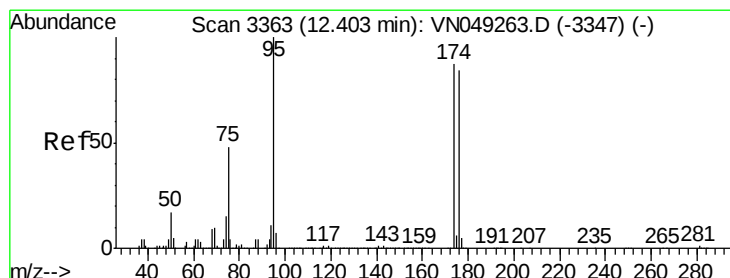
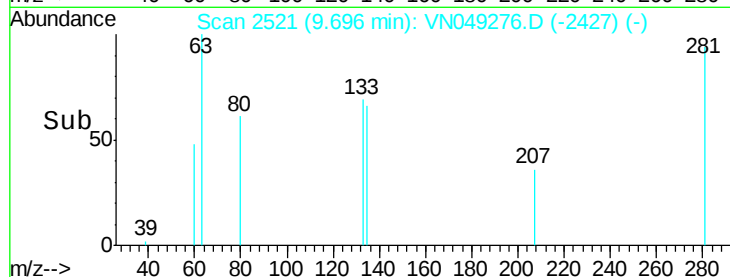


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time-->



#62

4-Bromofluorobenzene

Concen: 29.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

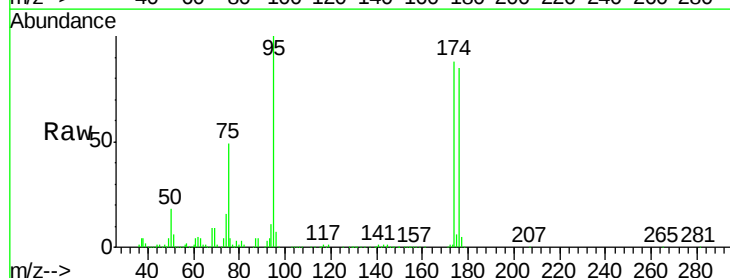
Tgt Ion: 95 Resp: 609157

Ion Ratio Lower Upper

95 100

174 90.2 0.0 165.6

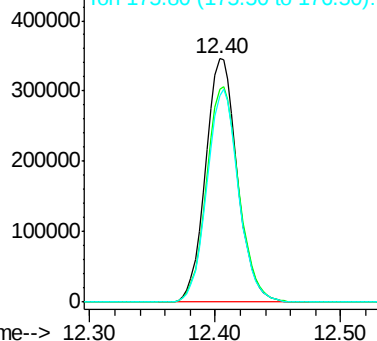
176 86.7 0.0 157.4



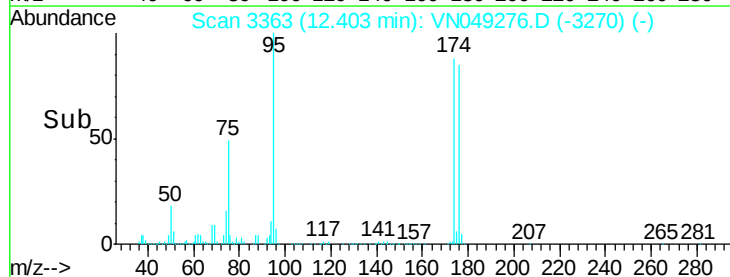
Abundance Ion 94.90 (94.60 to 95.60): VN0

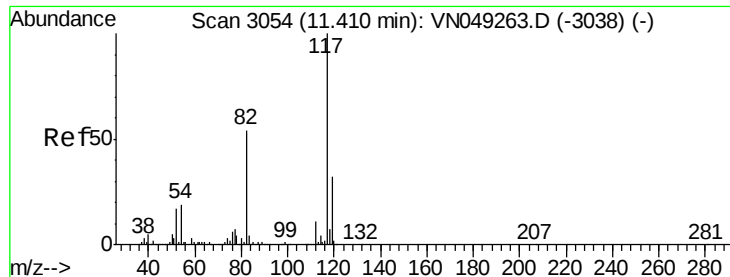
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

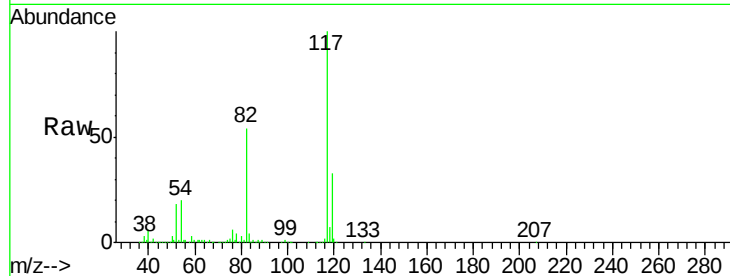




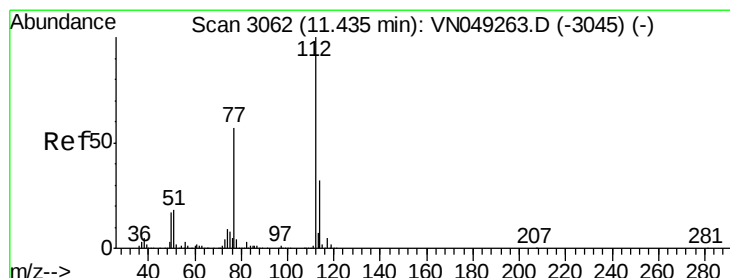
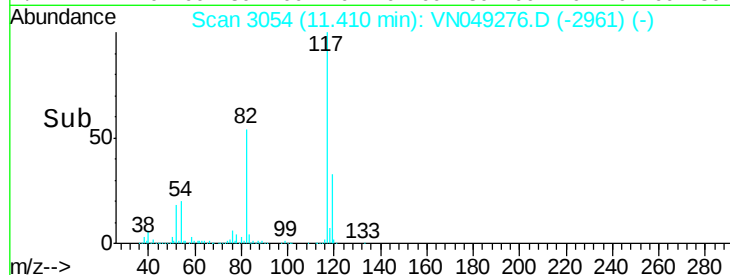
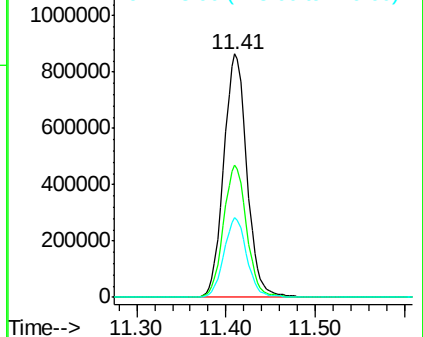
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1550826
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.6 25.5 38.3

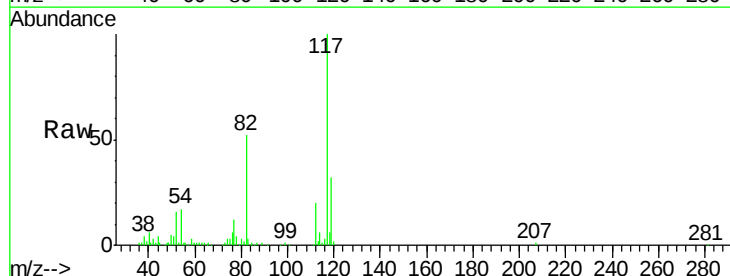


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

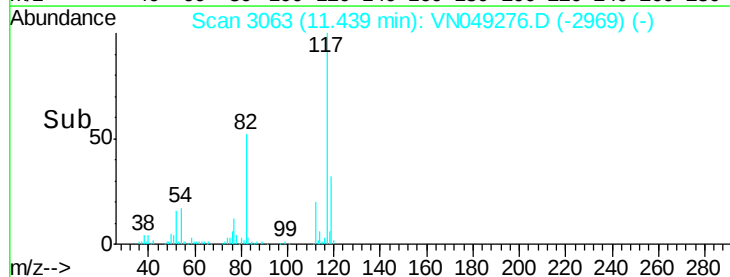
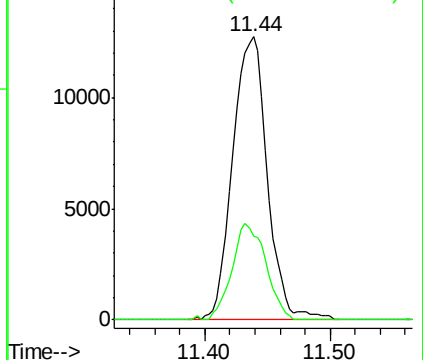


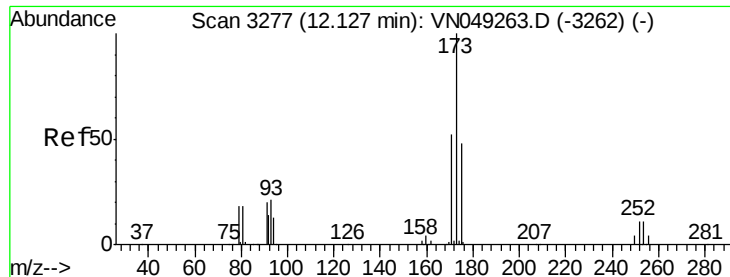
#65
Chlorobenzene
Concen: 0.61 ug/l
RT: 11.44 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN049276.D
Acq: 15 Jun 2018 22:43

Tgt Ion:112 Resp: 24413
Ion Ratio Lower Upper
112 100
114 29.5 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: 0.29 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

ClientSampled :

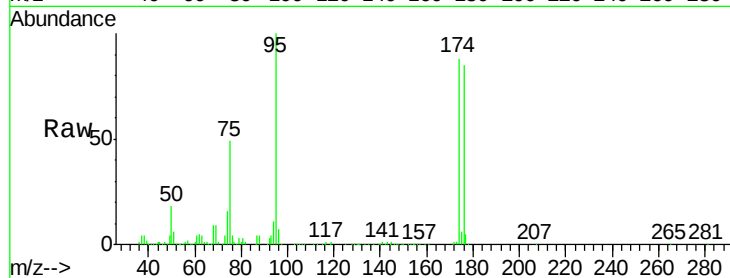
Tot Ion:173 Resp: 2781

Ion Ratio Lower Upper

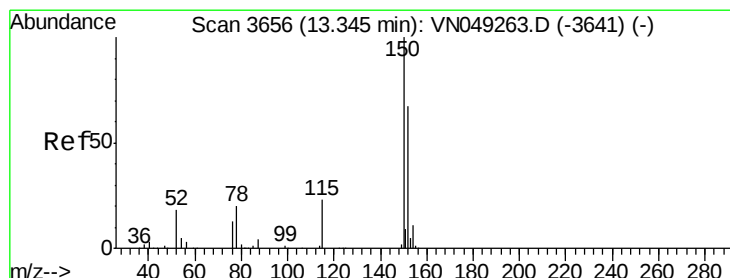
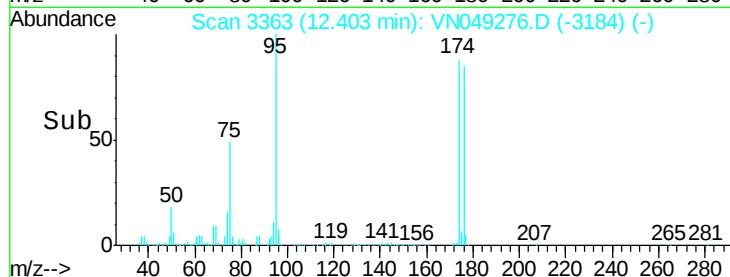
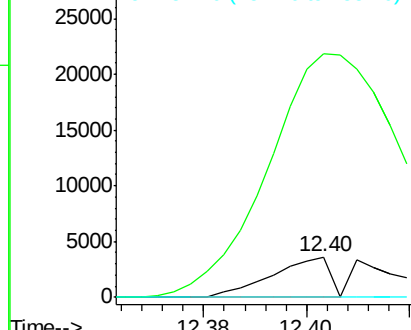
173 100

175 1082.9 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: VN049276.D

Acq: 15 Jun 2018 22:43

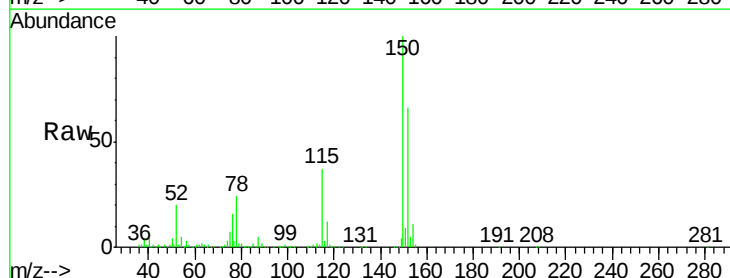
Tgt Ion:152 Resp: 399735

Ion Ratio Lower Upper

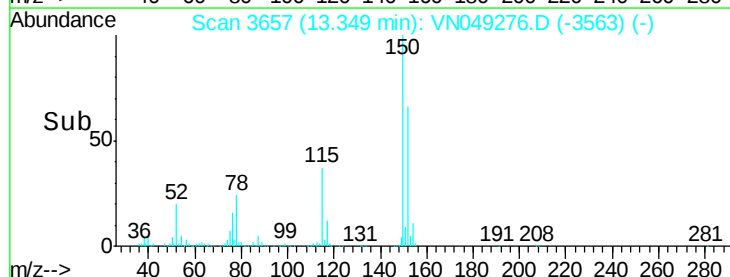
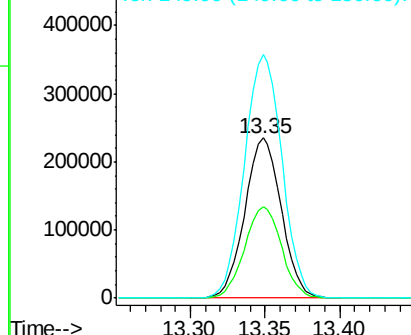
152 100

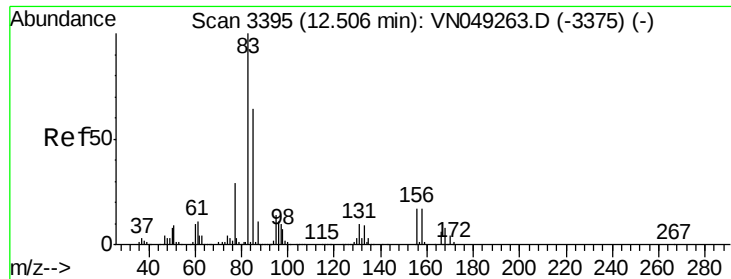
115 57.5 28.7 86.1

150 157.0 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: 12.49 min Scan# 3390

Delta R.T. -0.01 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

ClientSampleId :

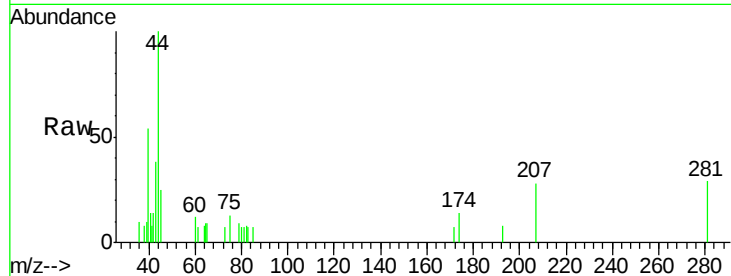
Tot Ion: 83 Resp: 33

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

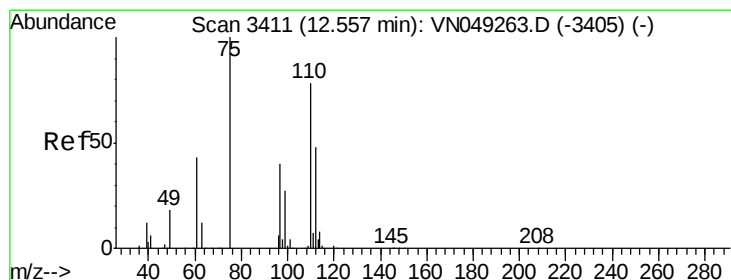
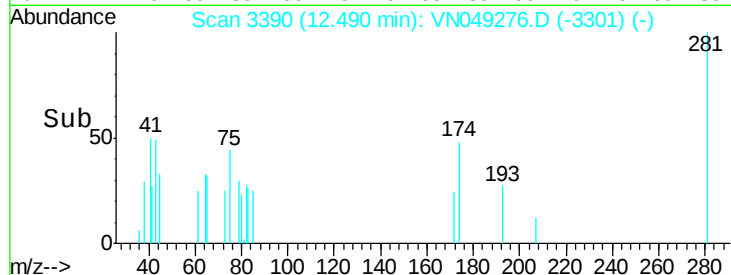
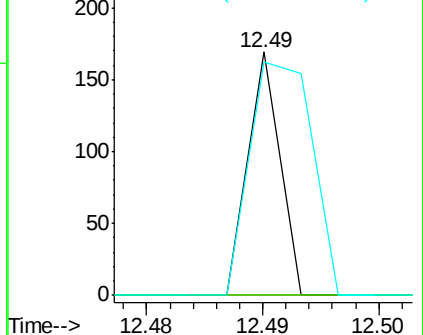
85 184.8 32.0 96.0#



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: 43.73 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049276.D

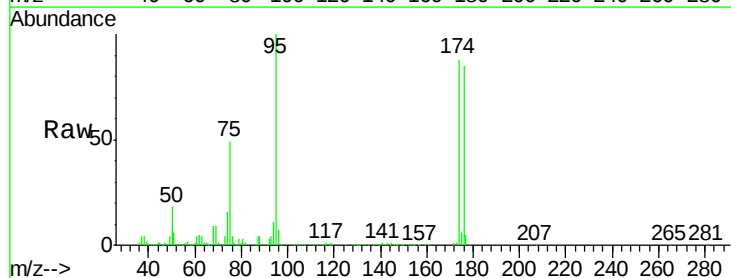
Acq: 15 Jun 2018 22:43

Tgt Ion: 75 Resp: 298284

Ion Ratio Lower Upper

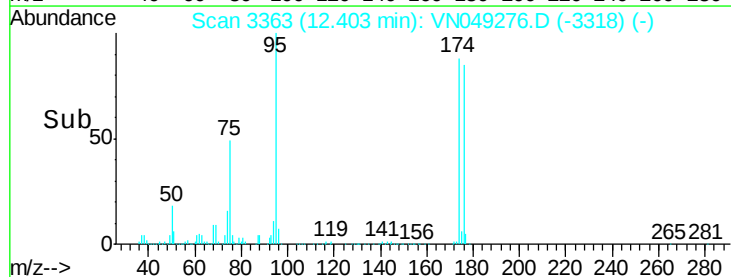
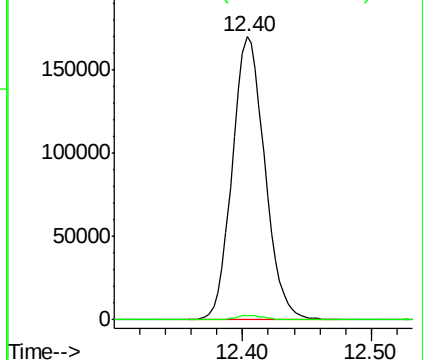
75 100

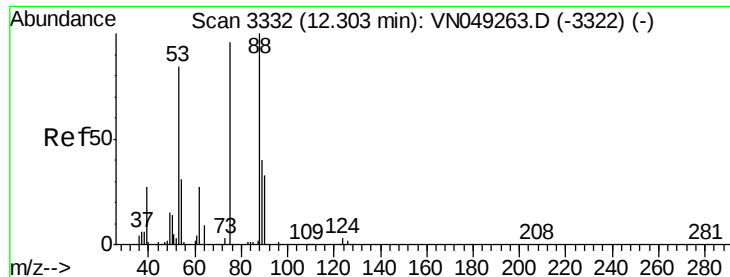
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#81

trans-1,4-Dichloro-2-butene

Concen: 138.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

ClientSampled :

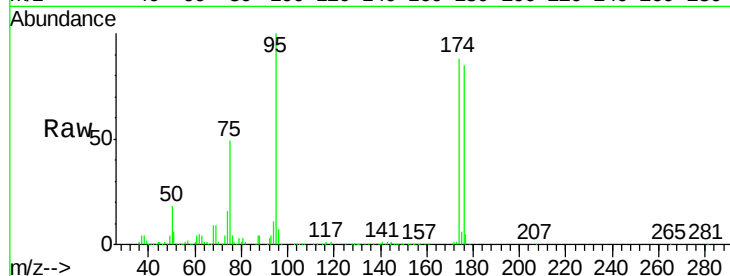
Tot Ion: 75 Resp: 298284

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

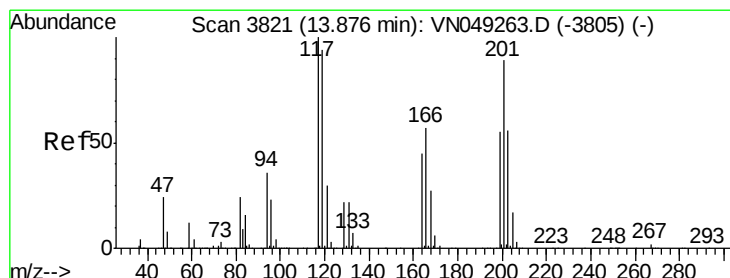
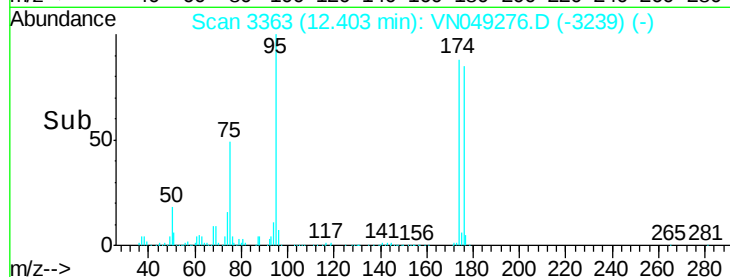
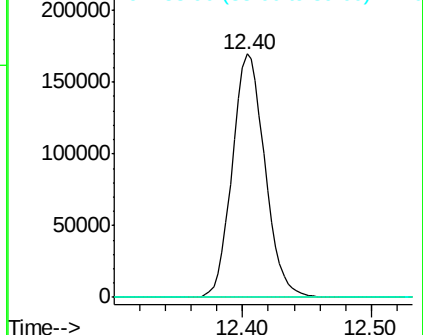
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#90

Hexachloroethane

Concen: Below Cal

RT: 13.66 min Scan# 3753

Delta R.T. -0.22 min

Lab File: VN049276.D

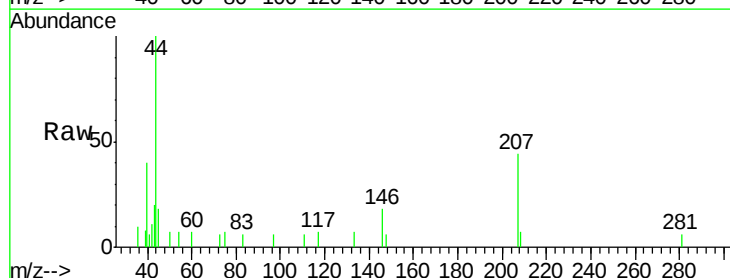
Acq: 15 Jun 2018 22:43

Tgt Ion: 117 Resp: 73

Ion Ratio Lower Upper

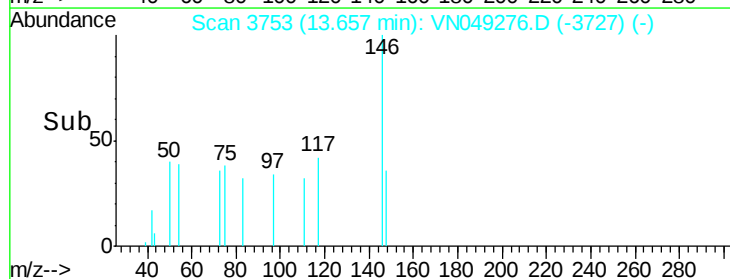
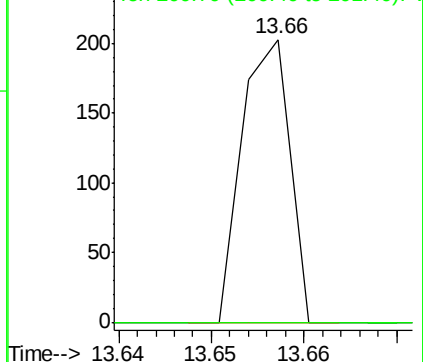
117 100

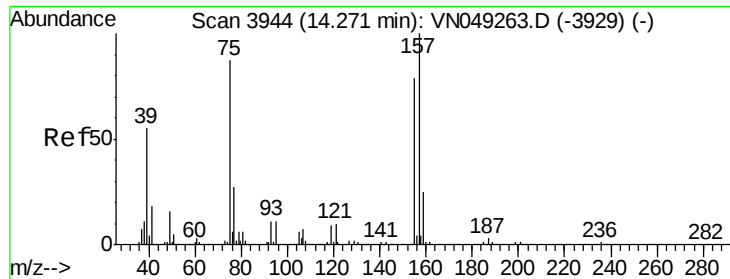
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

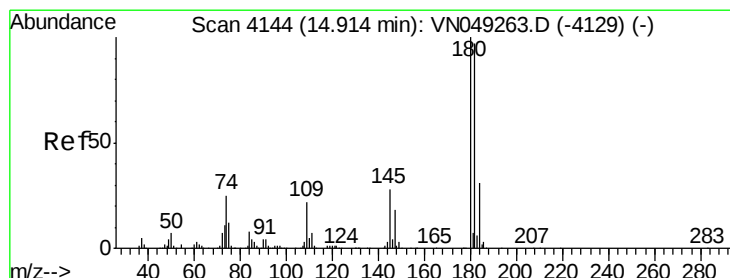
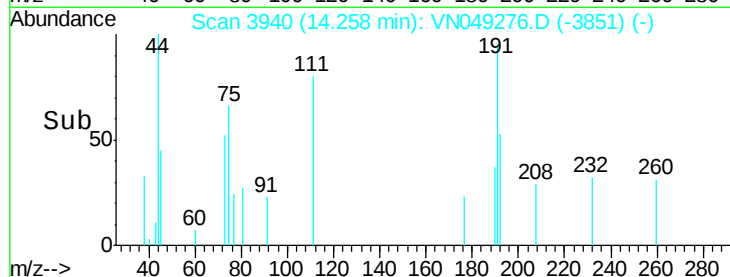
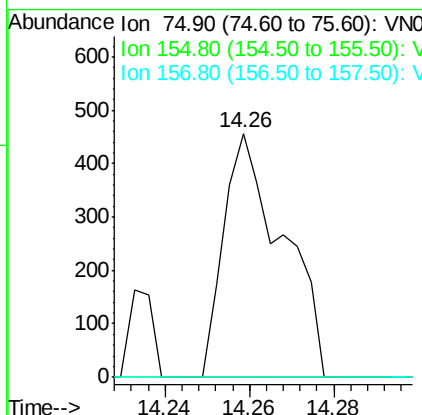
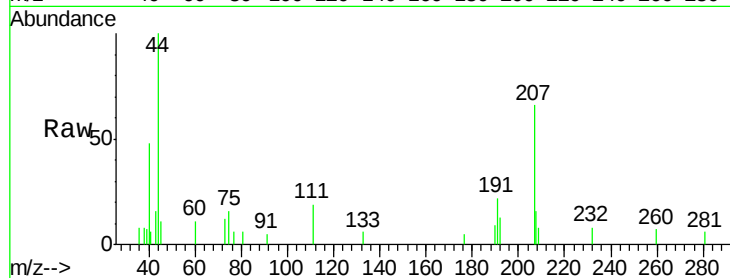




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.36 ug/l
 RT: 14.26 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VN049276.D
 Acq: 15 Jun 2018 22:43

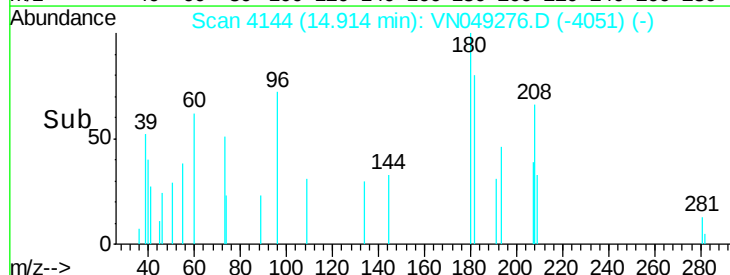
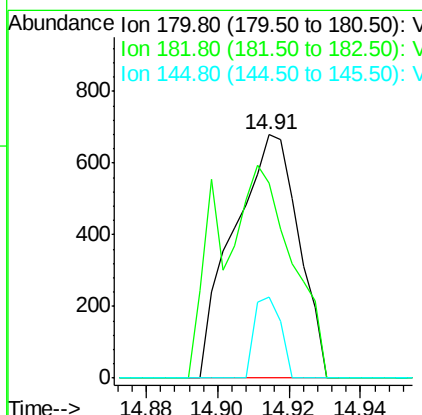
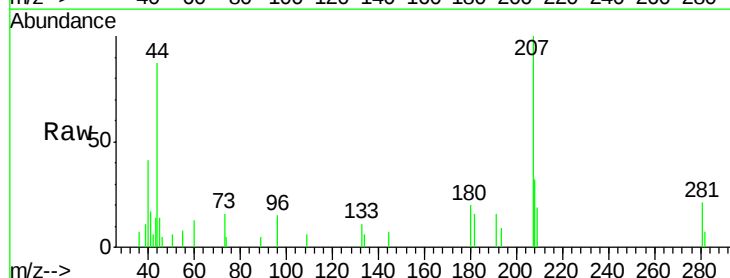
Instrument :
 MSVOA_N
 ClientSampled :

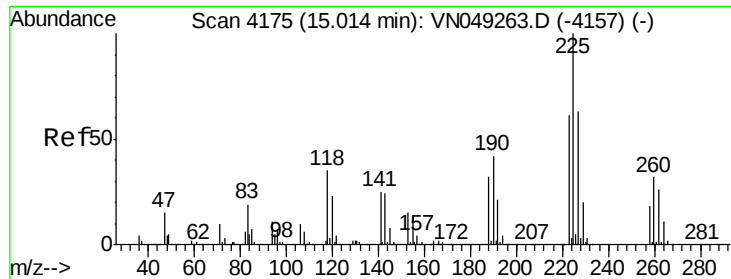
Tot Ion: 75 Resp: 443
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.3#
 157 0.0 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.86 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049276.D
 Acq: 15 Jun 2018 22:43

Tgt Ion: 180 Resp: 853
 Ion Ratio Lower Upper
 180 100
 182 64.5 46.9 140.8
 145 13.5 14.7 44.1#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4172

Delta R.T. -0.01 min

Lab File: VN049276.D

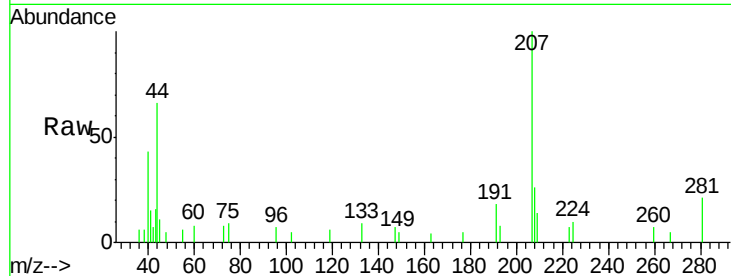
Acq: 15 Jun 2018 22:43

Instrument :

MSVOA_N

ClientSampled :

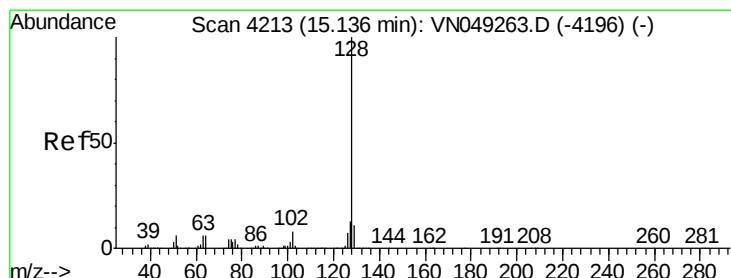
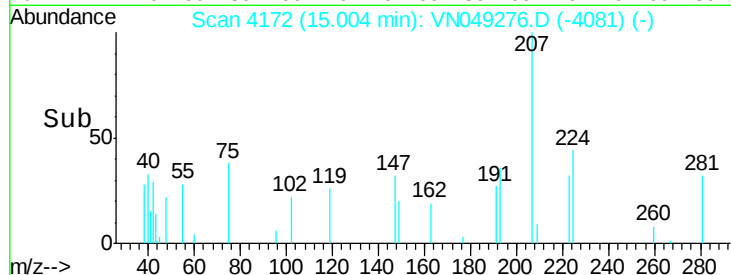
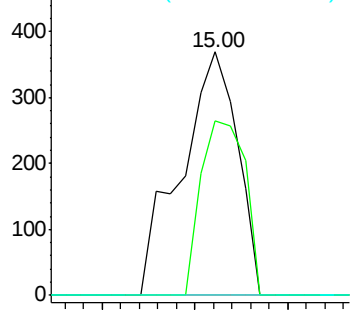
Tot Ion:	225	Resp:	313
Ion	Ratio	Lower	Upper
225	100		
223	56.2	32.1	96.3
227	0.0	31.8	95.3#



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



#95

Naphthalene

Concen: 2.17 ug/l

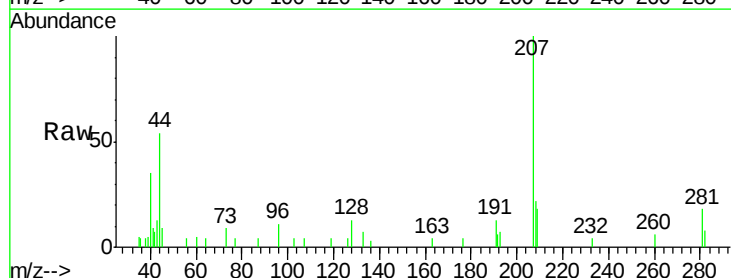
RT: 15.14 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN049276.D

Acq: 15 Jun 2018 22:43

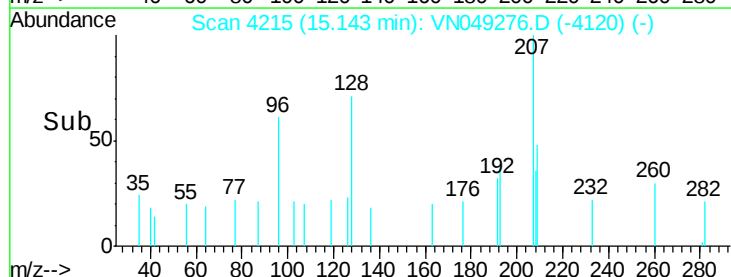
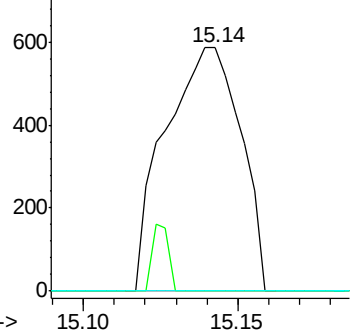
Tgt Ion:	128	Resp:	999
Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.6	16.0#
129	0.0	8.5	12.7#

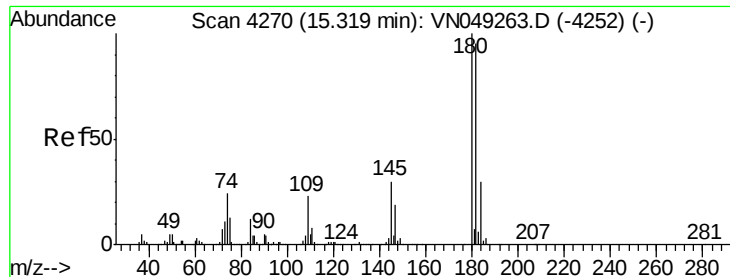


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.56 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN049276.D
 Acq: 15 Jun 2018 22:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	42.6	47.3	141.8#
145	10.6	15.6	46.7#

