

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049273.D
 Acq On : 15 Jun 2018 21:26
 Operator : MD\SY
 Sample : PB110255ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 01:24:46 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	1327013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2122693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1695728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	460262	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	860793	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	765456	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	
50) Toluene-d8	10.09	98	2912034	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	
62) 4-Bromofluorobenzene	12.40	95	683376	31.61	ug/l	0.00
Spiked Amount			Recovery	=	63.22%	

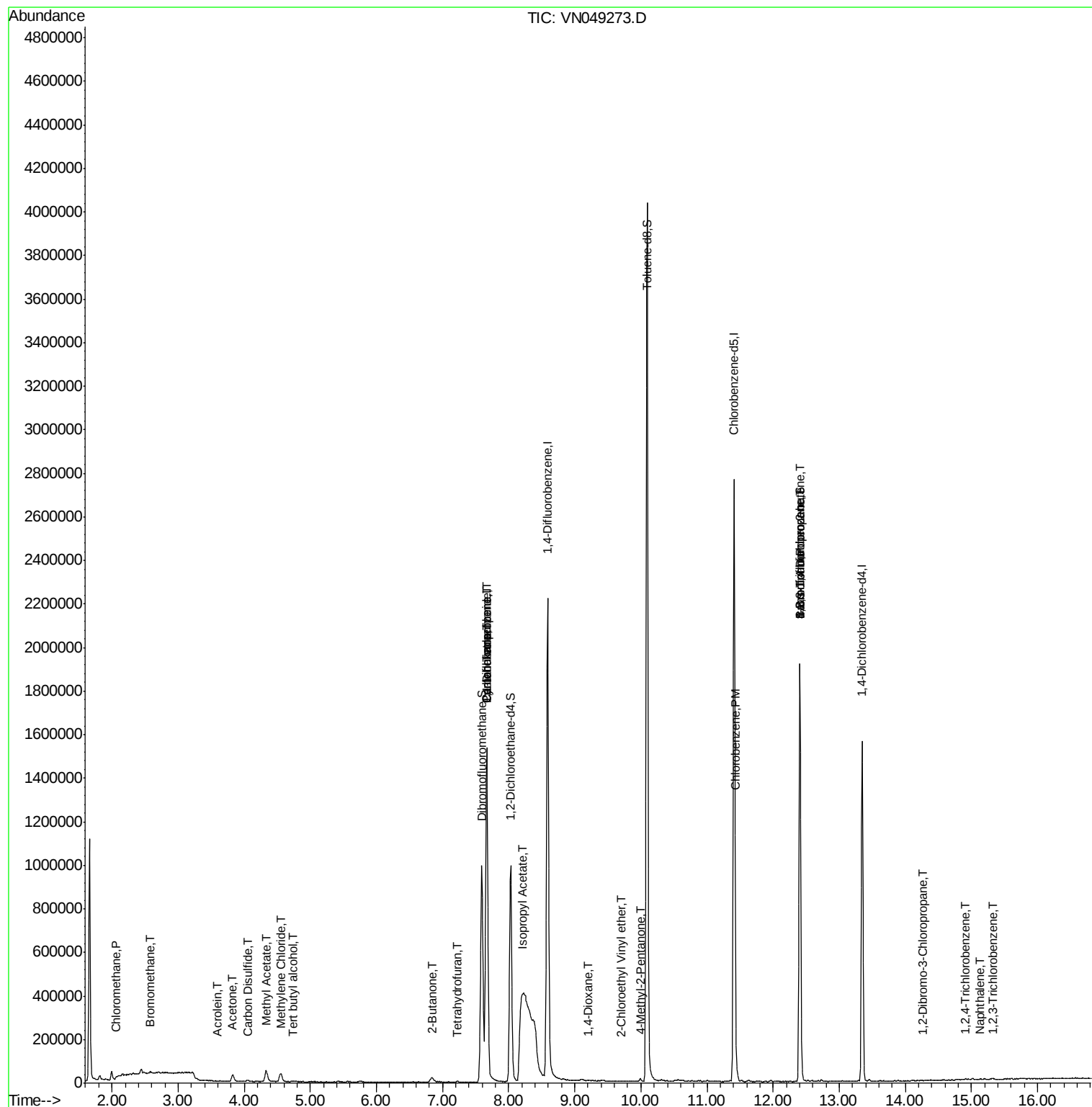
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	5240	0.27	ug/l #	87
5) Bromomethane	2.57	94	5815	0.53	ug/l	95
11) Tert butyl alcohol	4.75	59	3030	2.93	ug/l #	70
13) Acrolein	3.61	56	827	0.76	ug/l #	23
16) Acetone	3.82	43	50413	11.80	ug/l	94
17) Carbon Disulfide	4.06	76	9542	0.20	ug/l #	85
18) Methyl Acetate	4.33	43	94474	7.25	ug/l	95
20) Methylene Chloride	4.54	84	29143	1.63	ug/l #	83
25) 2-Butanone	6.85	43	10174	1.77	ug/l	97
29) Tetrahydrofuran	7.21	42	1697	0.46	ug/l #	83
31) Cyclohexane	7.67	56	25278	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	94234	3.87	ug/l #	50
38) Carbon Tetrachloride	7.67	117	123873	4.92	ug/l #	17
43) Isopropyl Acetate	8.21	43	452928	17.92	ug/l #	64
49) 1,4-Dioxane	9.22	88	184	1.12	ug/l #	77
51) 4-Methyl-2-Pentanone	9.99	43	8552	0.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	32	14.33	ug/l #	1
65) Chlorobenzene	11.44	112	25641	0.59	ug/l	98
71) Bromoform	12.40	173	4817	0.45	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	154	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	331420	42.20	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	331420	133.38	ug/l #	9
90) Hexachloroethane	13.88	117	31	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	283	0.20	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	1574	4.92	ug/l #	69
94) Hexachlorobutadiene	15.01	225	732	Below	Cal #	64
95) Naphthalene	15.14	128	2220	2.25	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.31	180	1113	3.59	ug/l	71

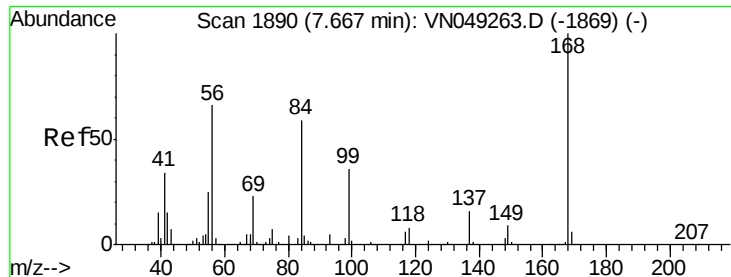
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\
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Quant Time: Jun 16 01:24:46 2018
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: VN049273.D

Acq: 15 Jun 2018 21:26

Instrument :

MSVOA_N

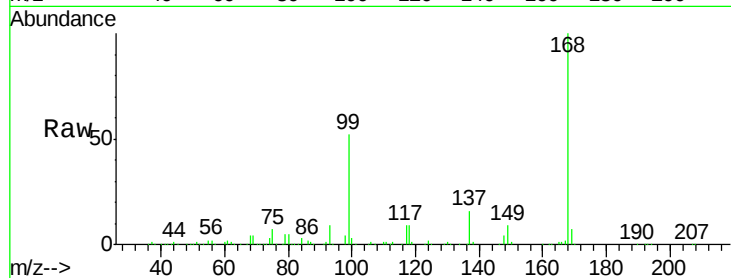
ClientSampleId :

Tot Ion:168 Resp: 1327013

Ion Ratio Lower Upper

168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

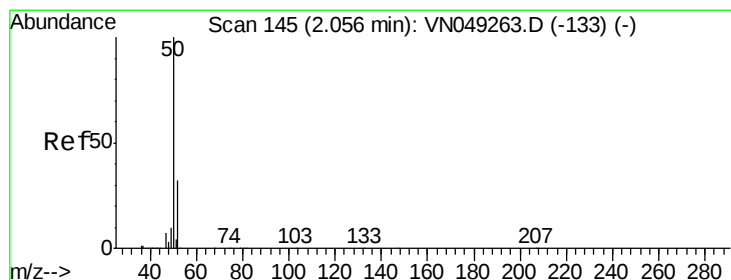
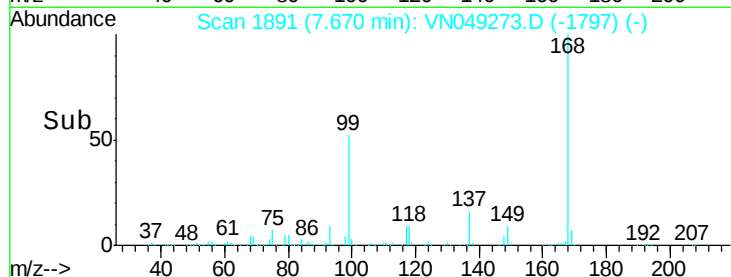
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.27 ug/l

RT: 2.06 min Scan# 147

Delta R.T. 0.01 min

Lab File: VN049273.D

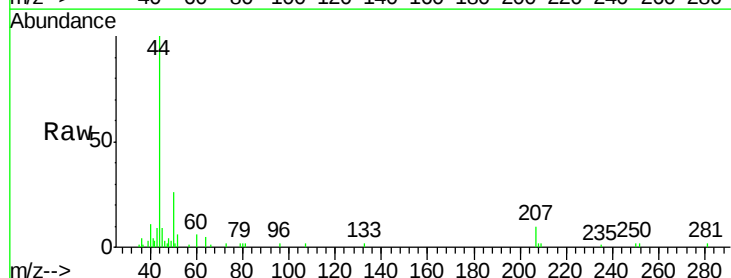
Acq: 15 Jun 2018 21:26

Tgt Ion: 50 Resp: 5240

Ion Ratio Lower Upper

50 100

52 24.6 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

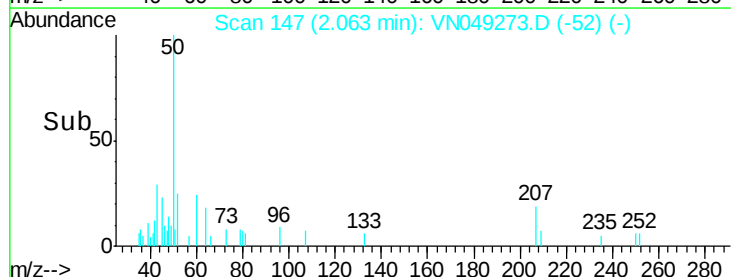
3000

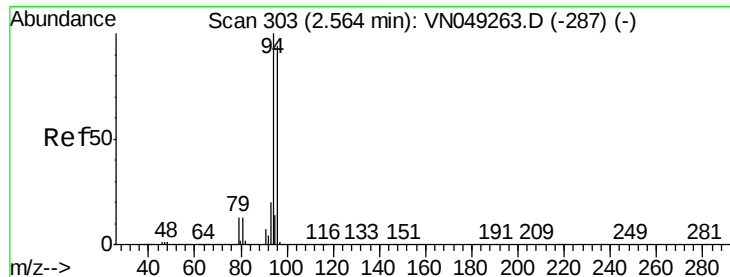
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.53 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

Instrument :

MSVOA_N

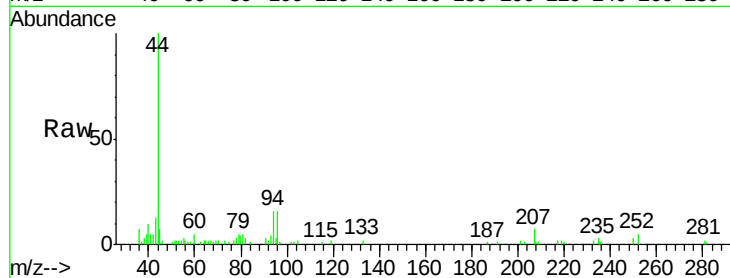
ClientSampleId :

Tot Ion: 94 Resp: 5815

Ion Ratio Lower Upper

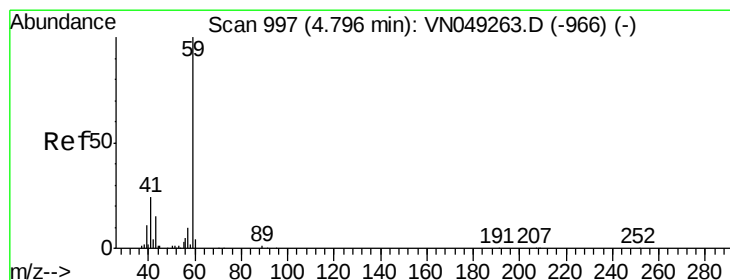
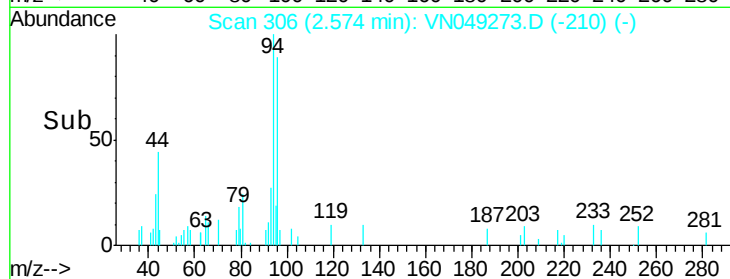
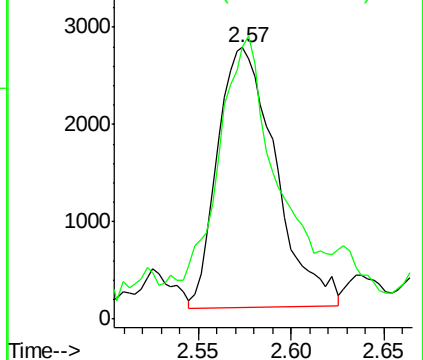
94 100

96 86.6 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 2.93 ug/l

RT: 4.75 min Scan# 983

Delta R.T. -0.05 min

Lab File: VN049273.D

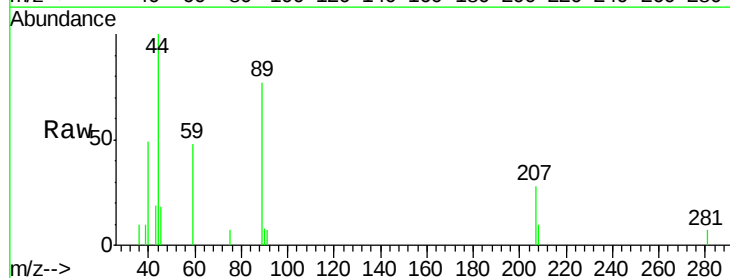
Acq: 15 Jun 2018 21:26

Tgt Ion: 59 Resp: 3030

Ion Ratio Lower Upper

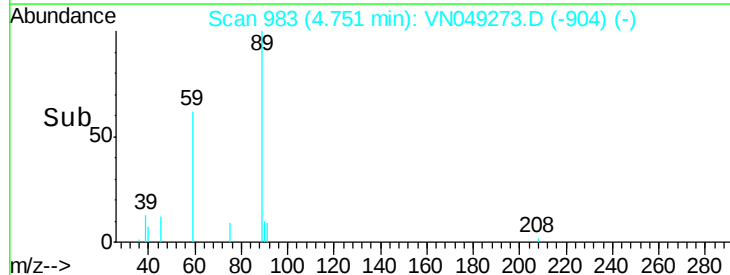
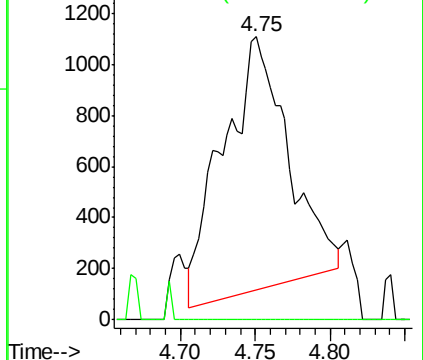
59 100

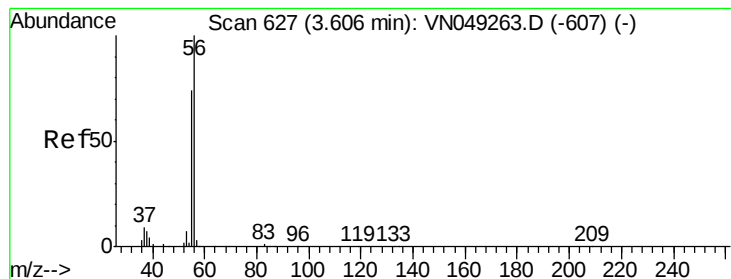
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.76 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

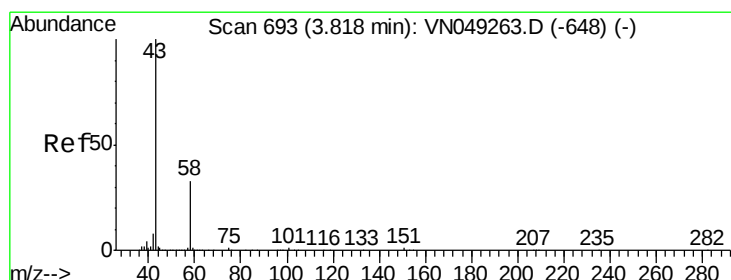
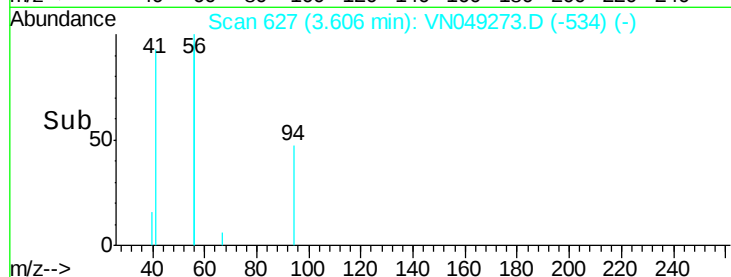
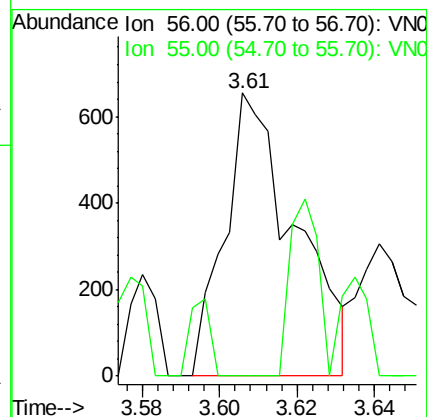
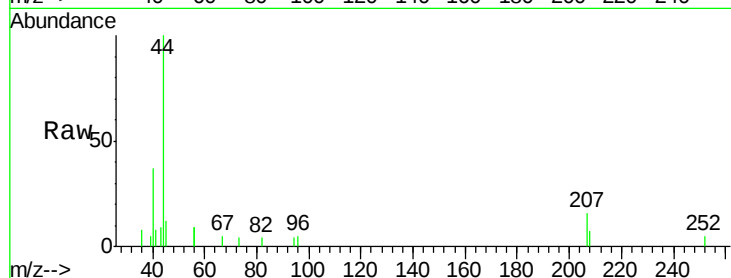
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 827

Ion Ratio Lower Upper

56 100

55 7.9 57.1 85.7#



#16

Acetone

Concen: 11.80 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049273.D

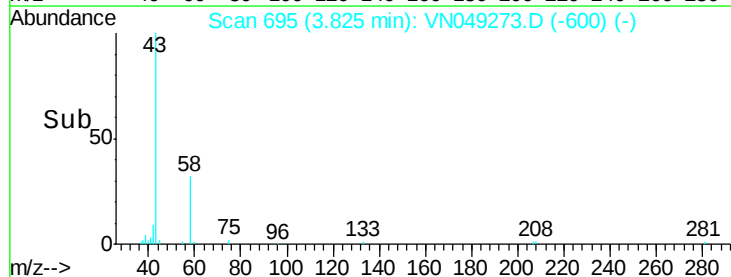
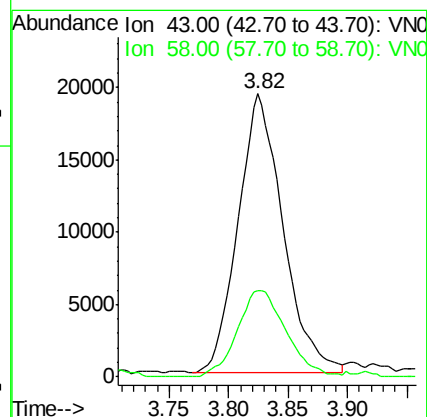
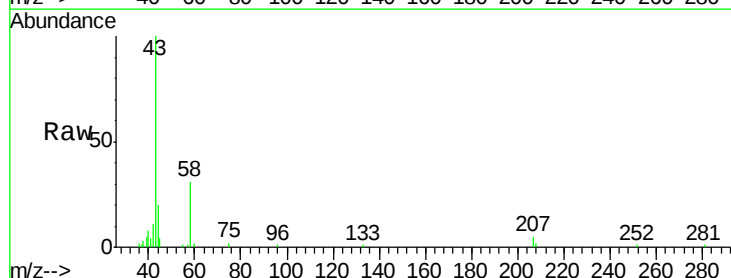
Acq: 15 Jun 2018 21:26

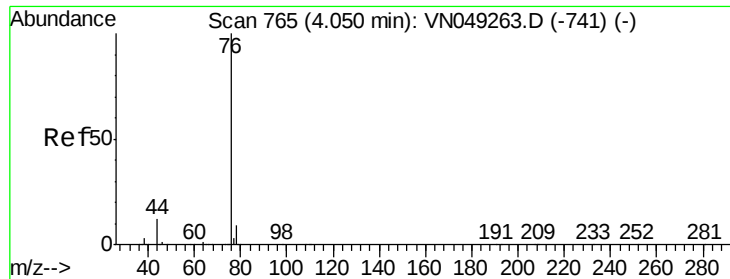
Tgt Ion: 43 Resp: 50413

Ion Ratio Lower Upper

43 100

58 31.1 22.4 33.6

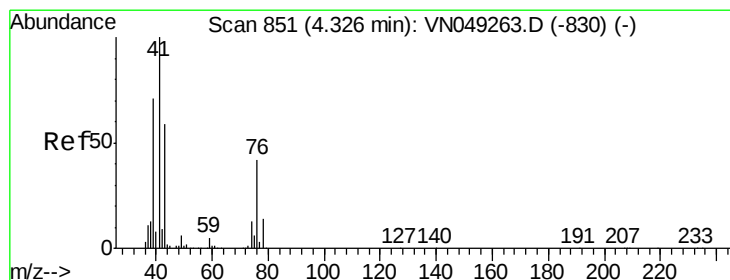
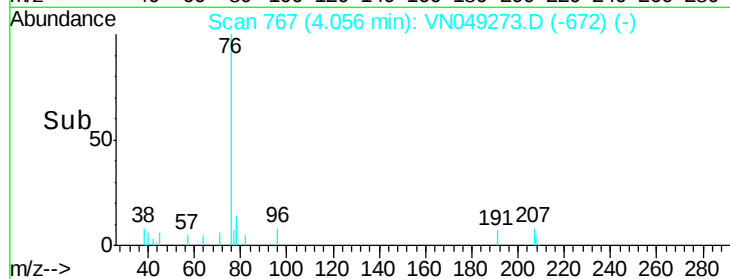
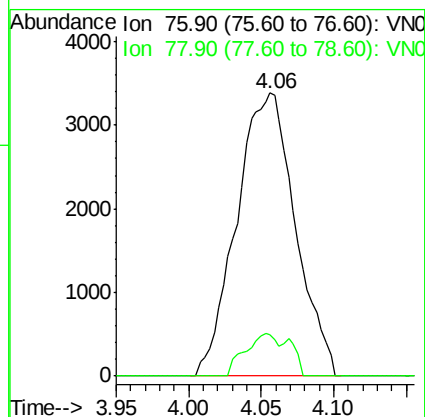
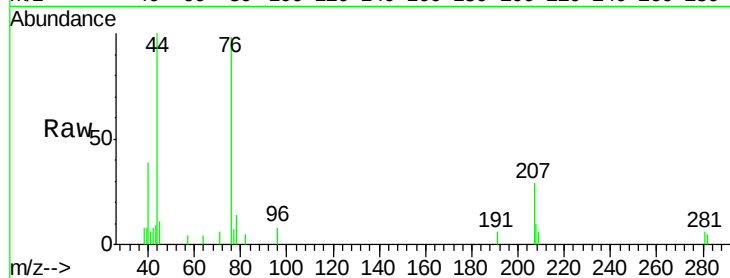




#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 4.06 min Scan# 767
Delta R.T. 0.01 min
Lab File: VN049273.D
Acq: 15 Jun 2018 21:26

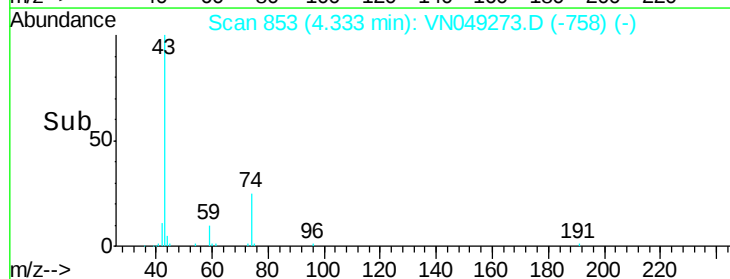
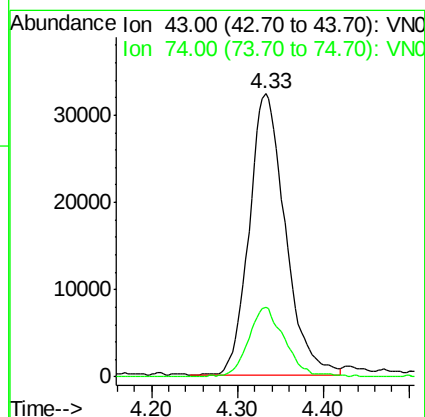
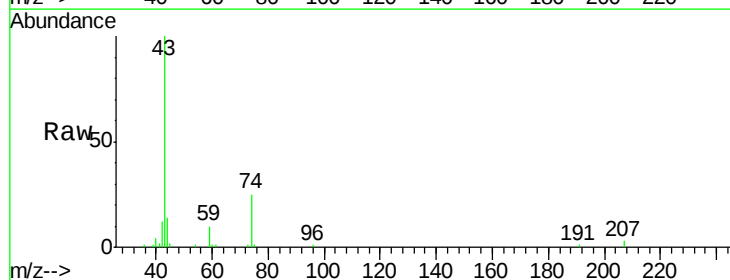
Instrument :
MSVOA_N
ClientSampleId :

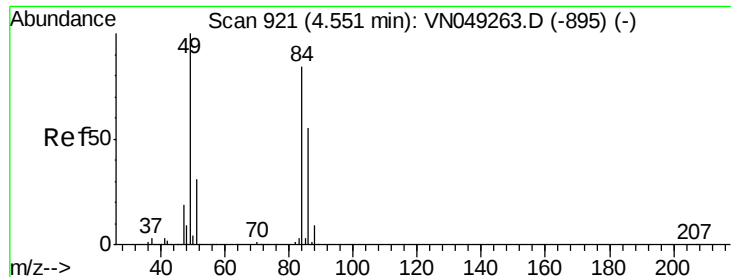
Tot Ion: 76 Resp: 9542
Ion Ratio Lower Upper
76 100
78 14.5 7.4 11.0#



#18
Methyl Acetate
Concen: 7.25 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049273.D
Acq: 15 Jun 2018 21:26

Tgt Ion: 43 Resp: 94474
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0

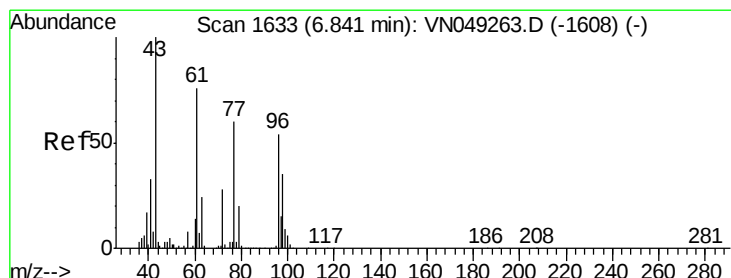
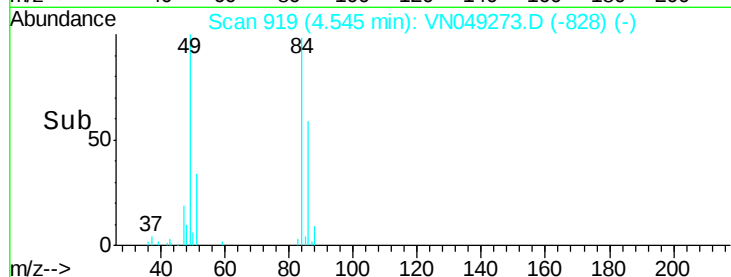
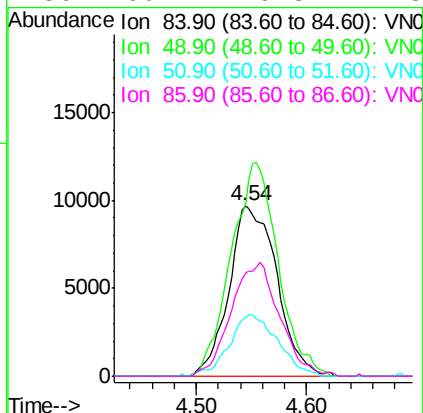
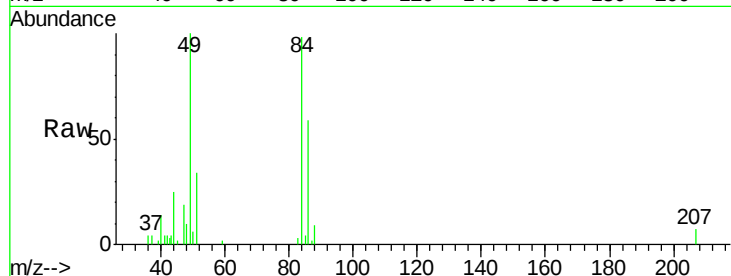




#20
Methvlene Chloride
Concen: 1.63 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049273.D
Acq: 15 Jun 2018 21:26

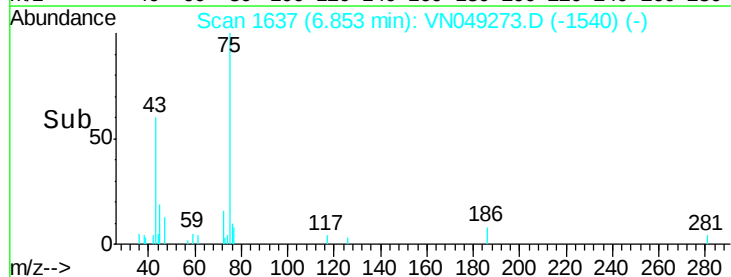
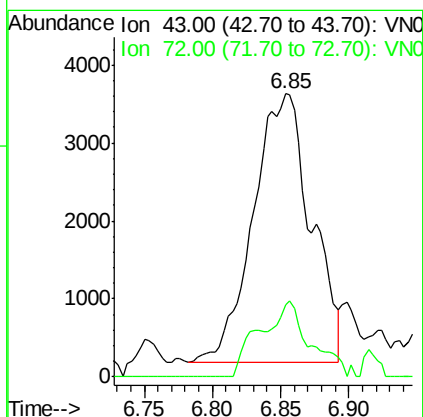
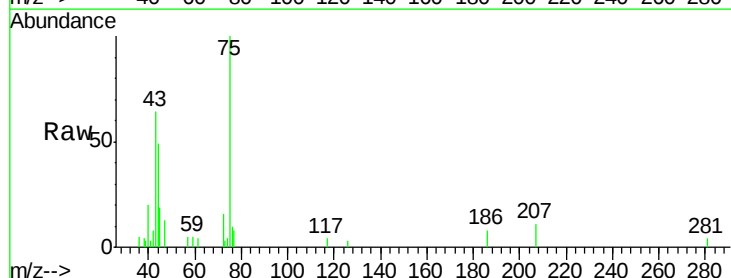
Instrument :
MSVOA_N
ClientSampleId :

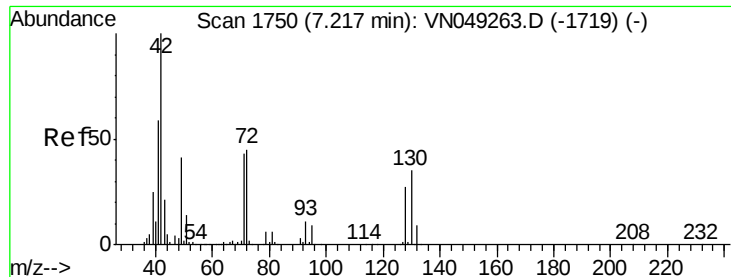
Tot Ion: 84 Resp: 29143
Ion Ratio Lower Upper
84 100
49 102.2 106.9 160.3#
51 34.7 32.7 49.1
86 60.7 49.8 74.8



#25
2-Butanone
Concen: 1.77 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049273.D
Acq: 15 Jun 2018 21:26

Tgt Ion: 43 Resp: 10174
Ion Ratio Lower Upper
43 100
72 26.8 20.2 30.2





#29

Tetrahydrofuran

Concen: 0.46 ug/l

RT: 7.21 min Scan# 1749

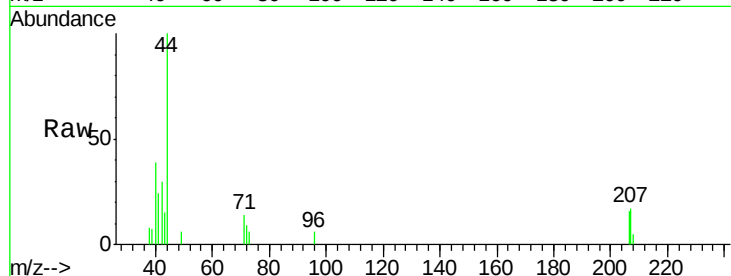
Delta R.T. -0.00 min

Lab File: VN049273.D

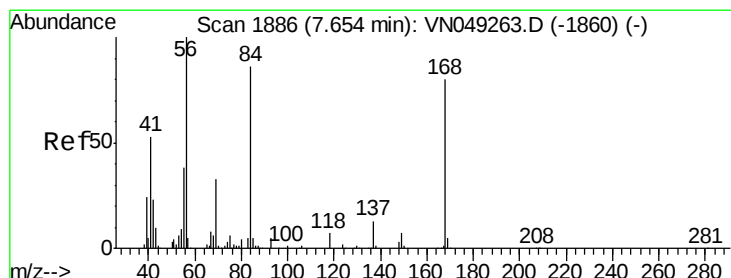
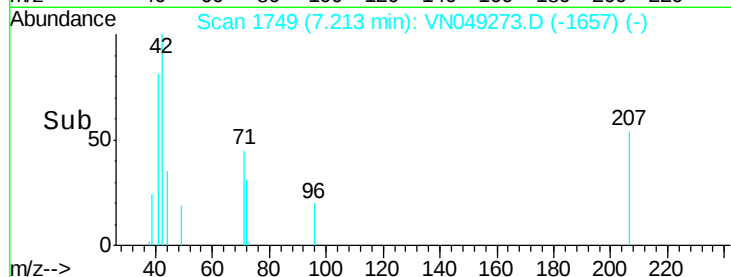
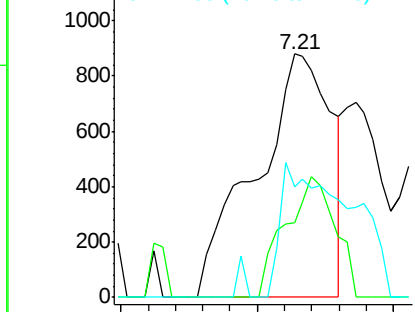
Acq: 15 Jun 2018 21:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	42	Resp:	1697
Ion	Ratio	Lower	Upper
42	100		
72	32.4	32.2	48.4
71	50.8	30.5	45.7#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.80 ug/l

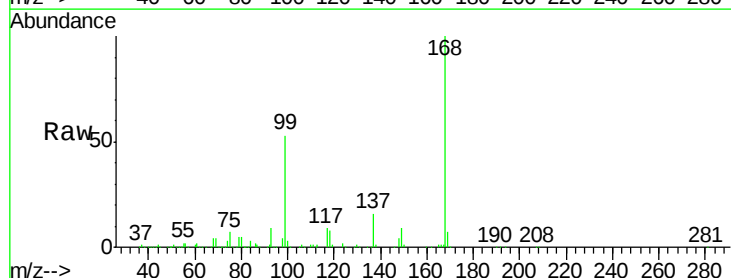
RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

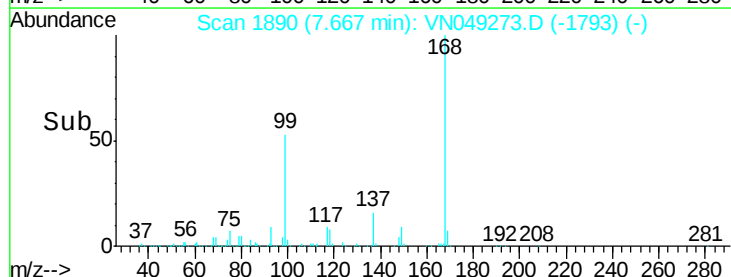
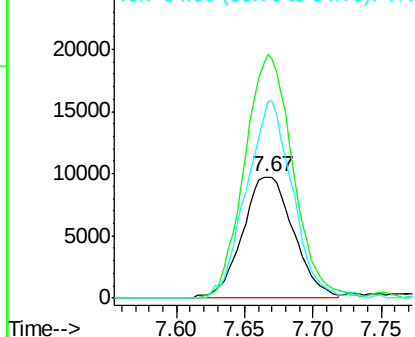
Lab File: VN049273.D

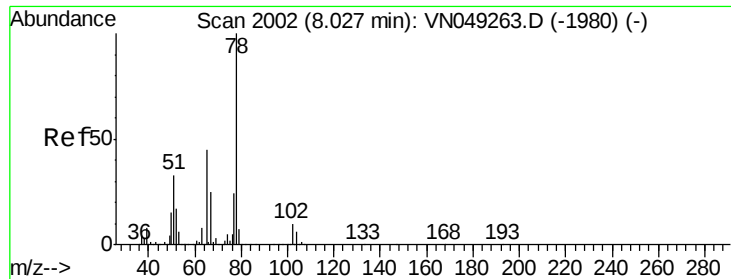
Acq: 15 Jun 2018 21:26

Tgt Ion:	56	Resp:	25278
Ion	Ratio	Lower	Upper
56	100		
69	201.1	25.0	37.4#
84	162.4	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

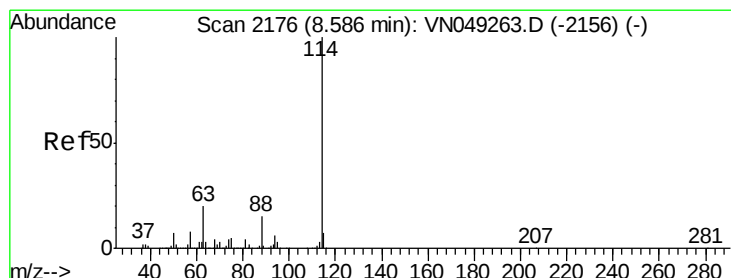
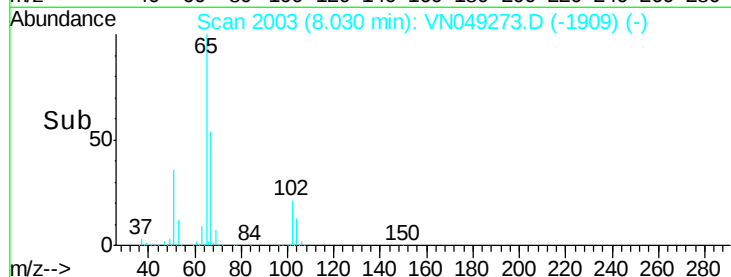
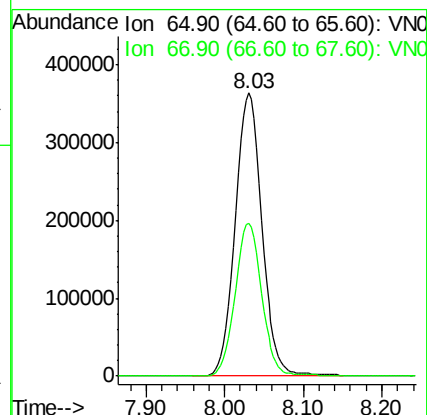
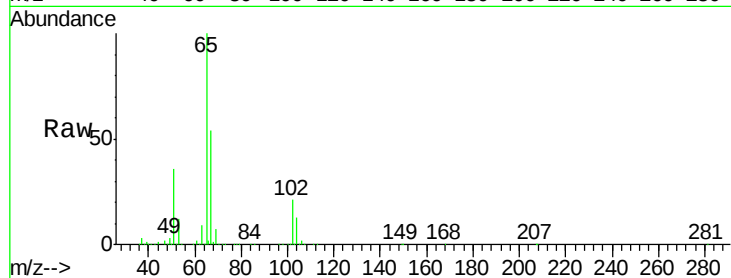




#33
 1,2-Dichloroethane-d4
 Concen: 48.91 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049273.D
 Acq: 15 Jun 2018 21:26

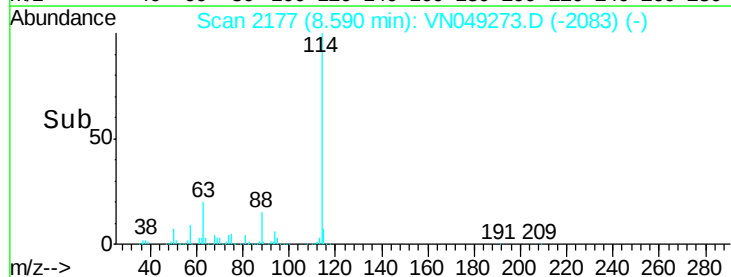
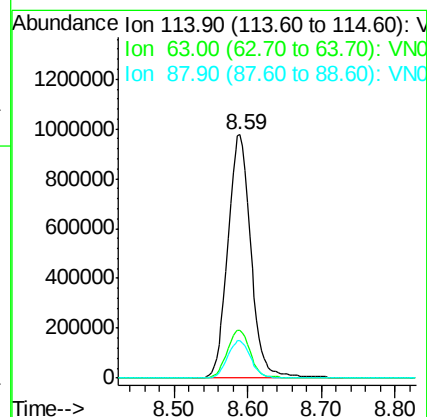
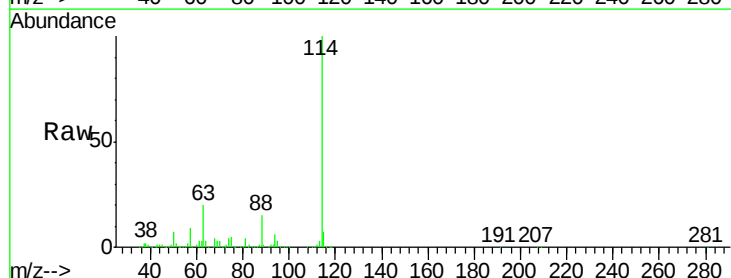
Instrument :
 MSVOA_N
 ClientSampleId :

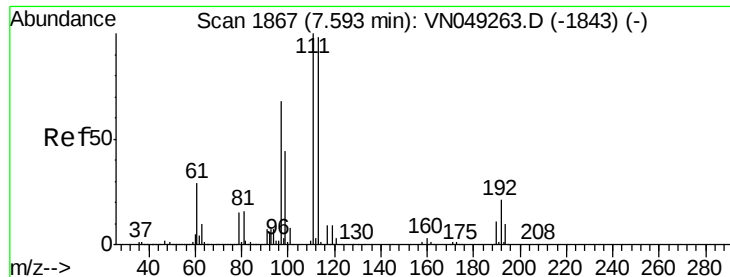
Tot Ion: 65 Resp: 860793
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049273.D
 Acq: 15 Jun 2018 21:26

Tgt Ion: 114 Resp: 2122693
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.3 0.0 31.4

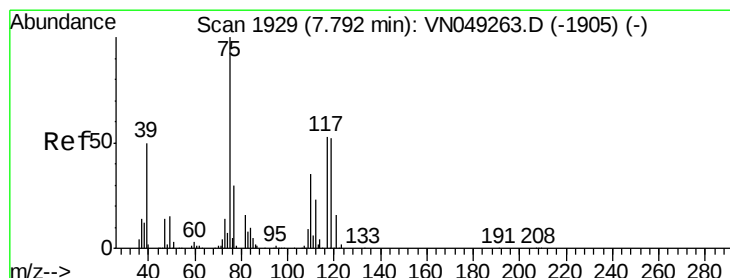
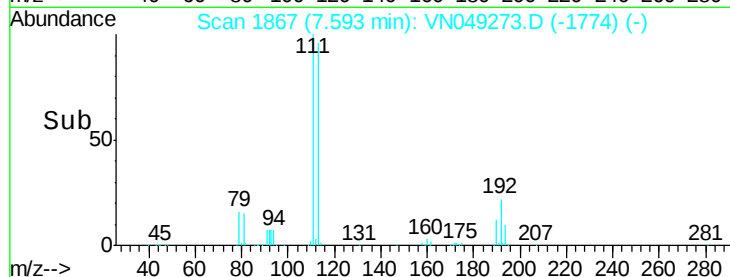
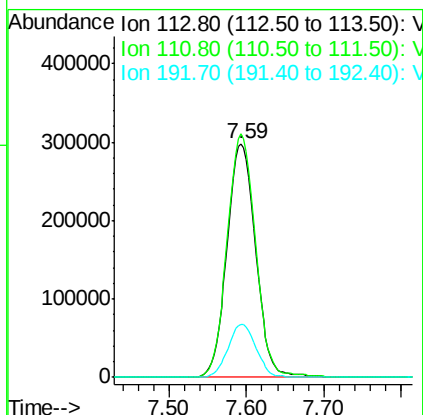
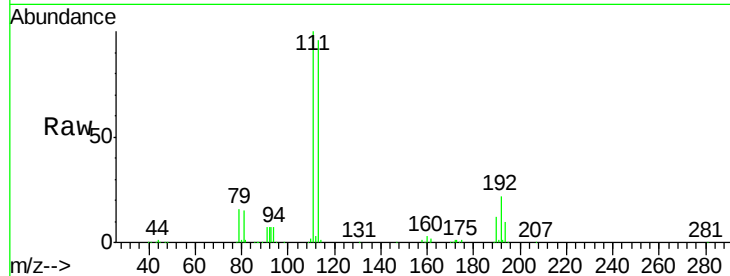




#35
 Dibromofluoromethane
 Concen: 44.57 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049273.D
 Acq: 15 Jun 2018 21:26

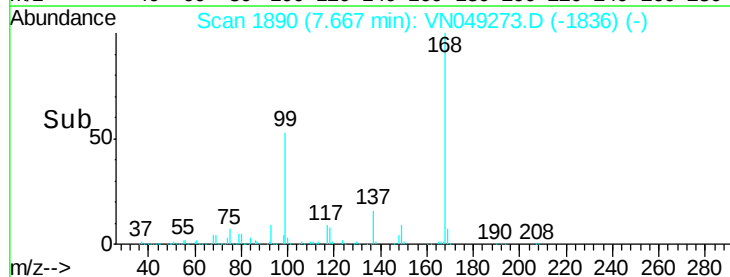
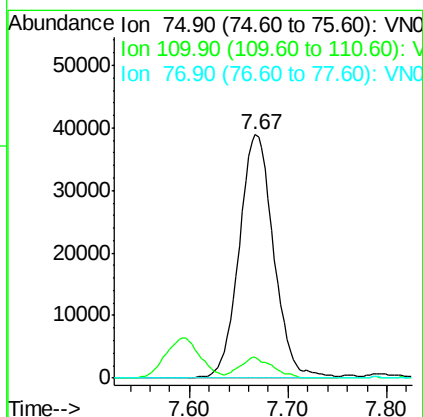
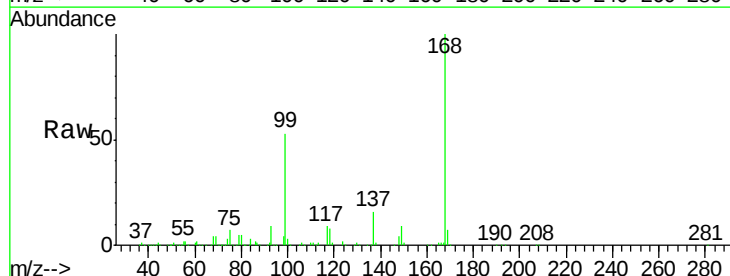
Instrument :
 MSVOA_N
 ClientSampleId :

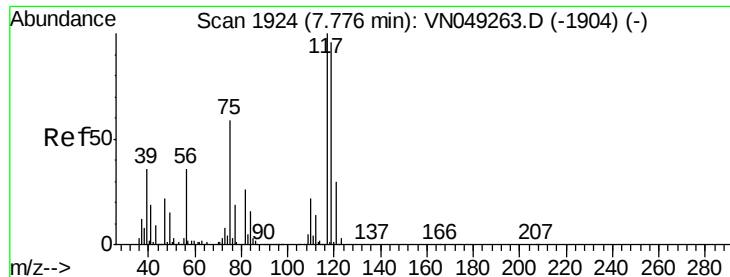
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	22.3	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049273.D
 Acq: 15 Jun 2018 21:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.0	50.9#
77	0.1	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 4.92 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

Instrument :

MSVOA_N

ClientSampleId :

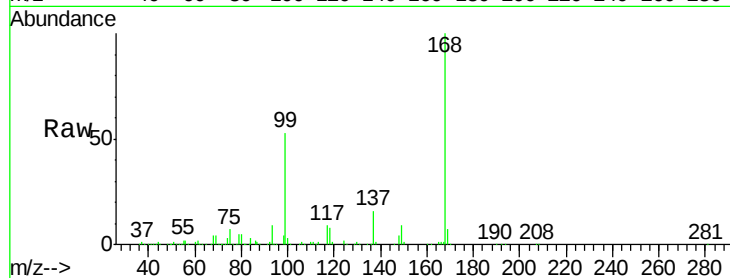
Tot Ion:117 Resp: 123873

Ion Ratio Lower Upper

117 100

119 5.5 75.6 113.4#

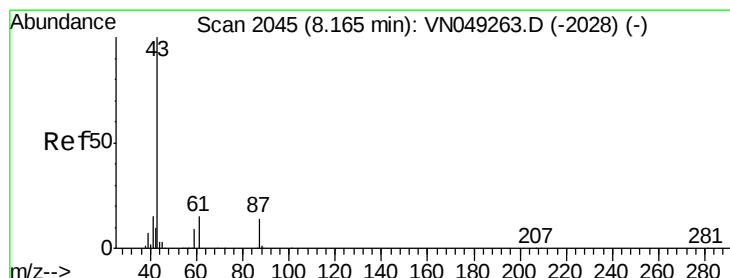
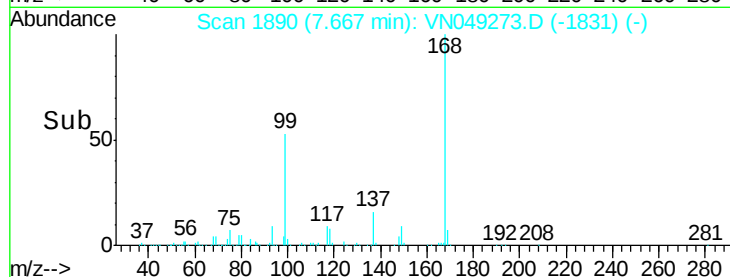
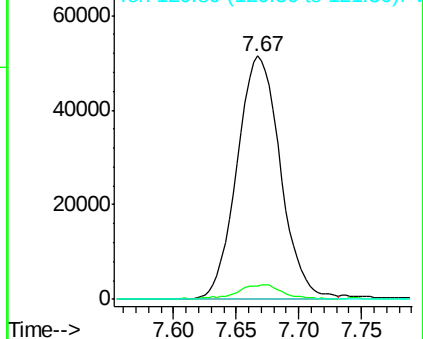
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 17.92 ug/l

RT: 8.21 min Scan# 2059

Delta R.T. 0.04 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

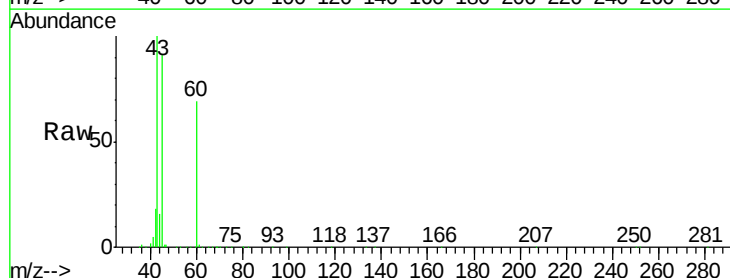
Tgt Ion: 43 Resp: 452928

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

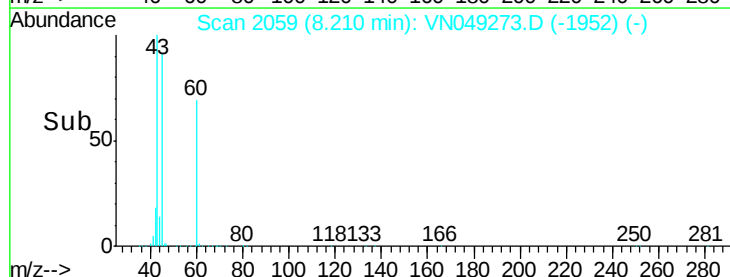
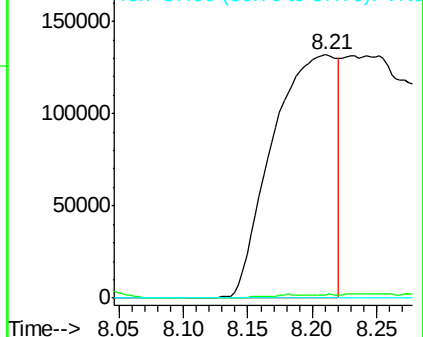
87 0.0 9.4 14.0#

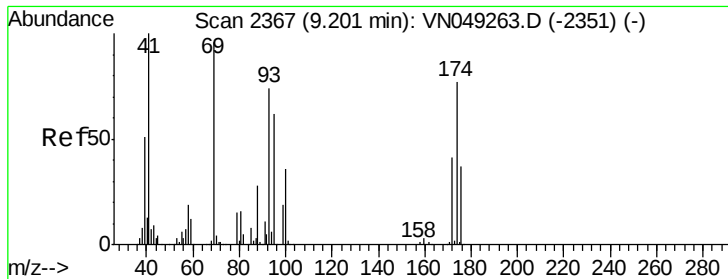


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

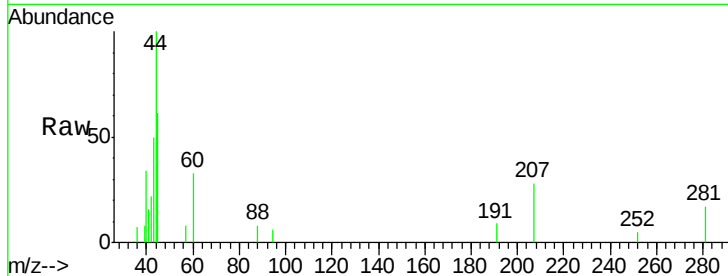




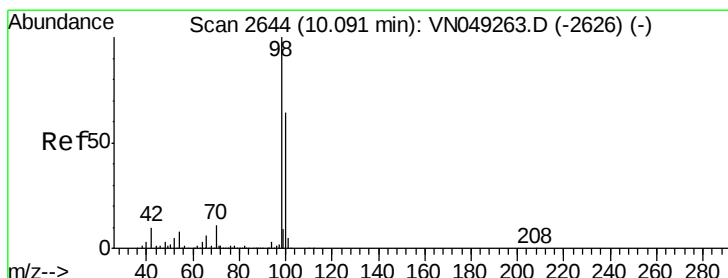
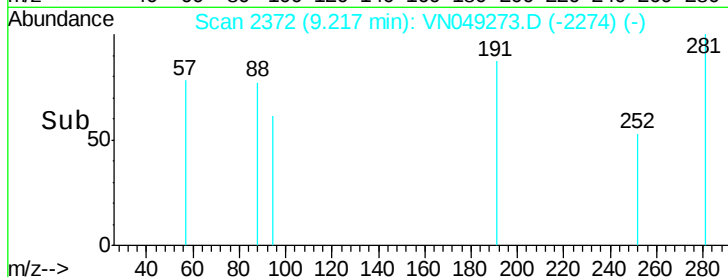
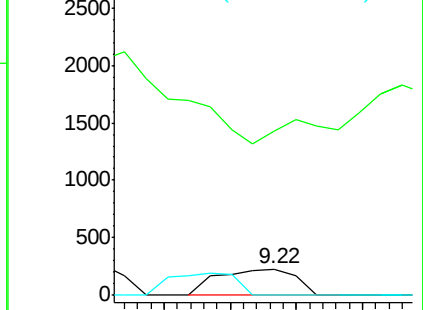
#49
1,4-Dioxane
Concen: 1.12 ug/l
RT: 9.22 min Scan# 2372
Delta R.T. 0.02 min
Lab File: VN049273.D
Acq: 15 Jun 2018 21:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 74.5 58.9 88.3

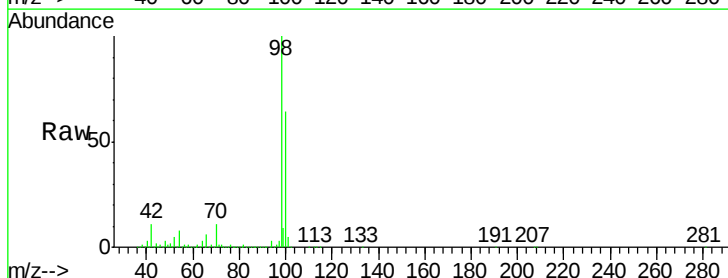


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

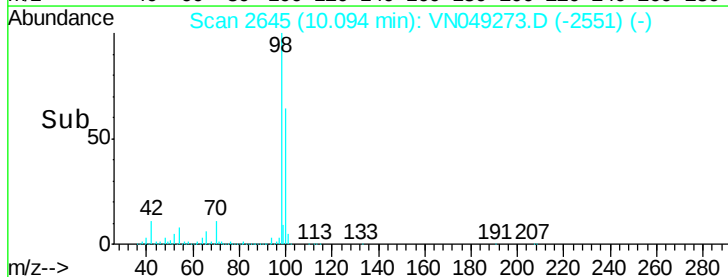
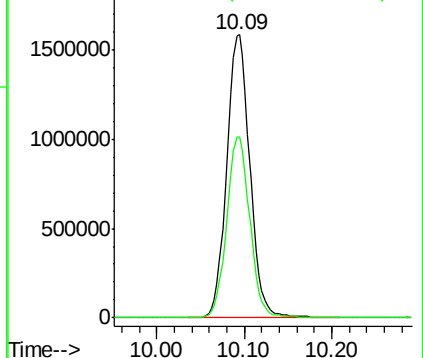


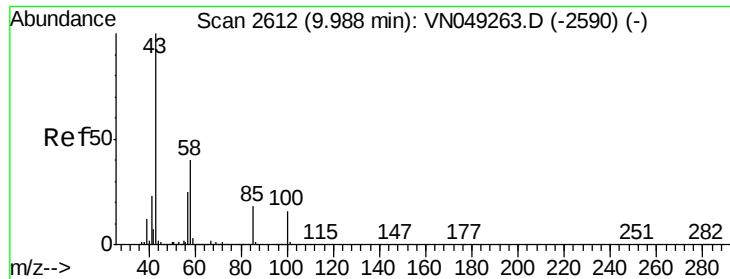
#50
Toluene-d8
Concen: 44.53 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049273.D
Acq: 15 Jun 2018 21:26

Tgt Ion: 98 Resp: 2912034
Ion Ratio Lower Upper
98 100
100 64.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

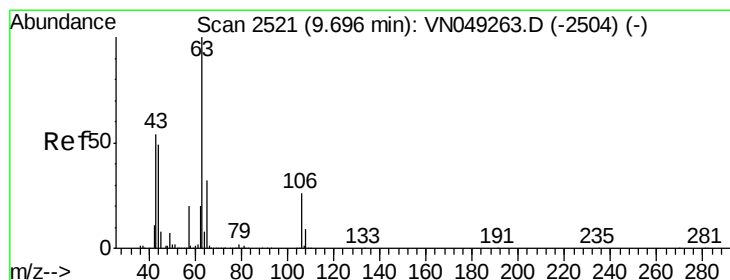
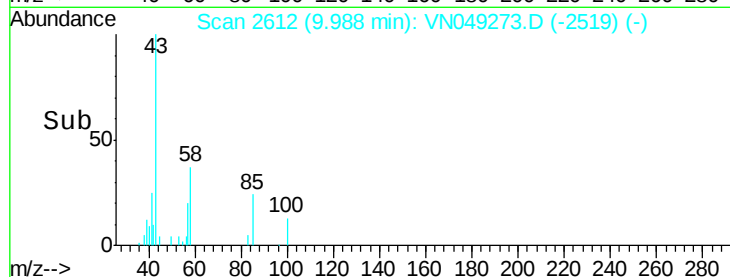
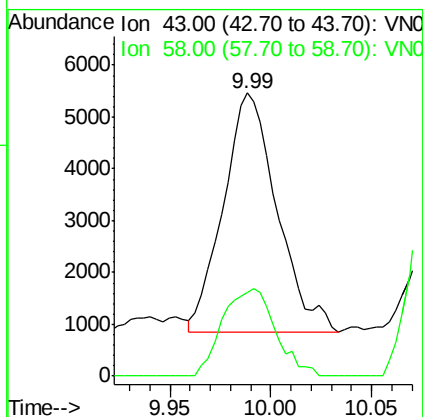
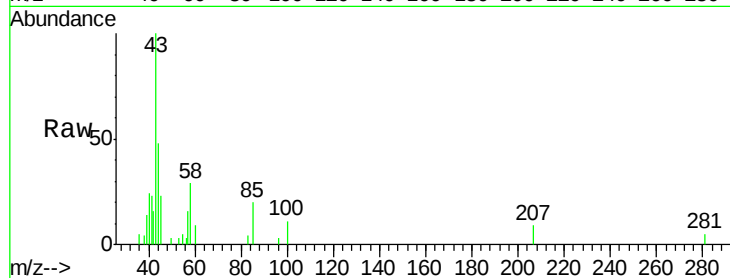




#51
 4-Methyl-2-Pentanone
 Concen: 0.65 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: VN049273.D
 Acq: 15 Jun 2018 21:26

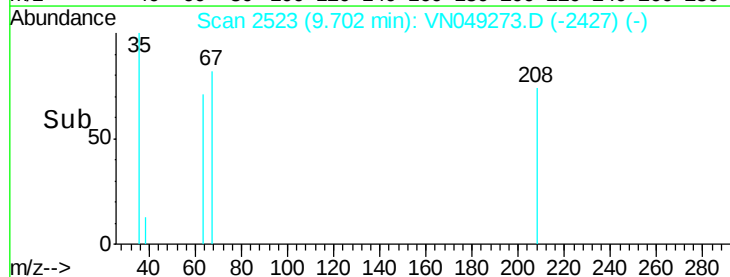
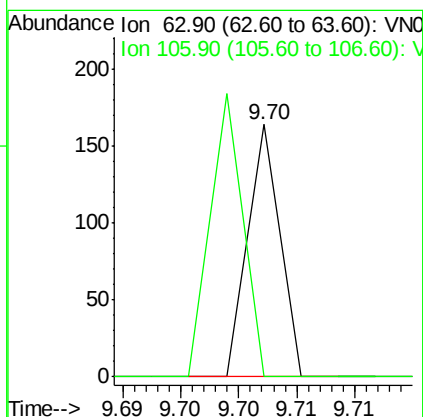
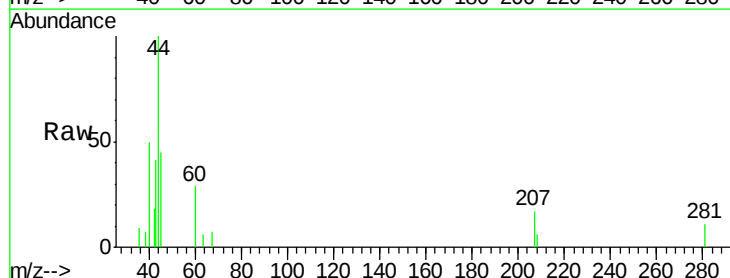
Instrument :
 MSVOA_N
 ClientSampled :

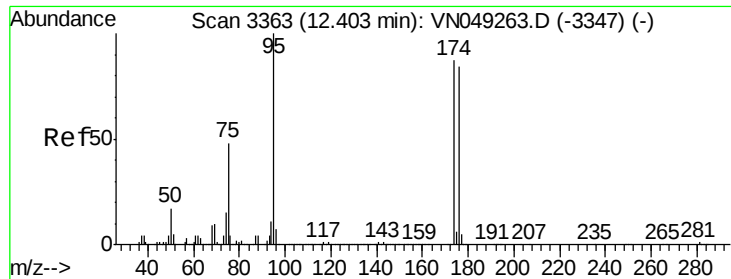
Tot Ion: 43 Resp: 8552
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.0 43.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.33 ug/l
 RT: 9.70 min Scan# 2523
 Delta R.T. 0.01 min
 Lab File: VN049273.D
 Acq: 15 Jun 2018 21:26

Tgt Ion: 63 Resp: 32
 Ion Ratio Lower Upper
 63 100
 106 109.4 19.4 29.2#

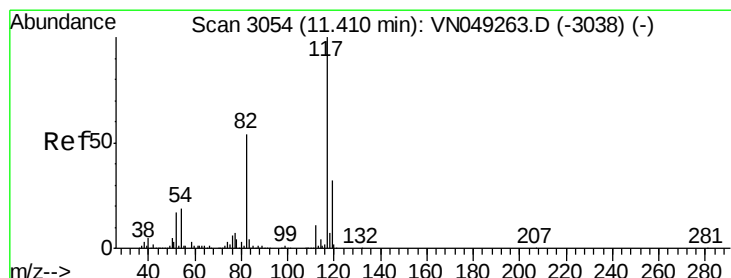
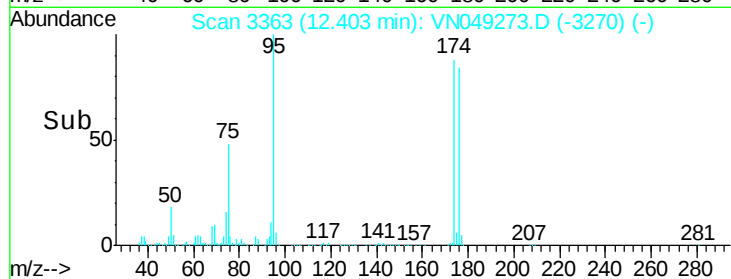
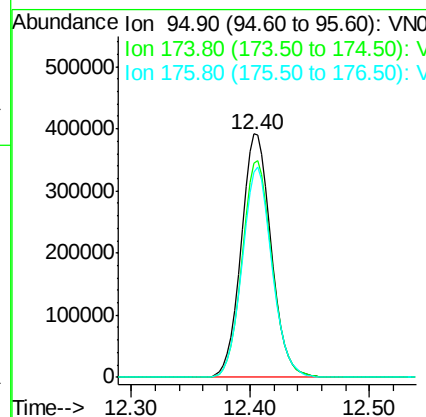
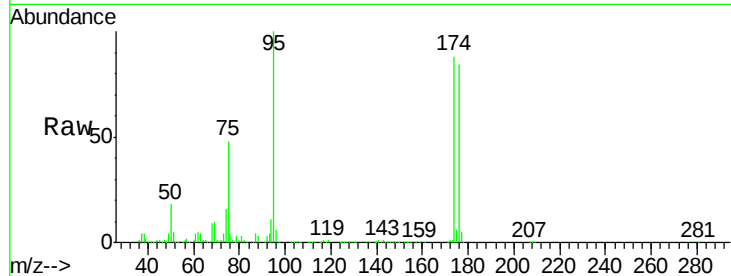




#62
4-Bromofluorobenzene
Concen: 31.61 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049273.D
Acq: 15 Jun 2018 21:26

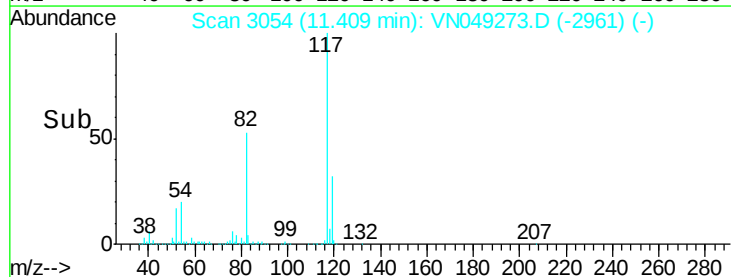
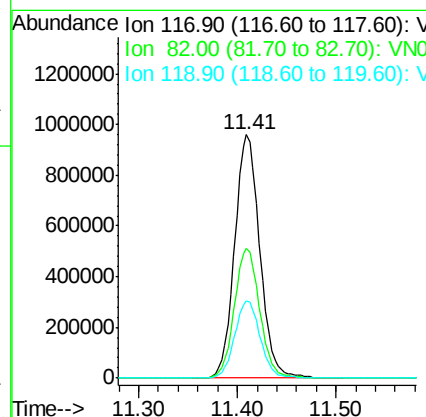
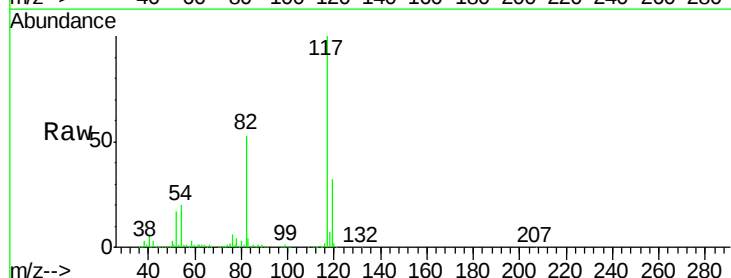
Instrument :
MSVOA_N
ClientSampled :

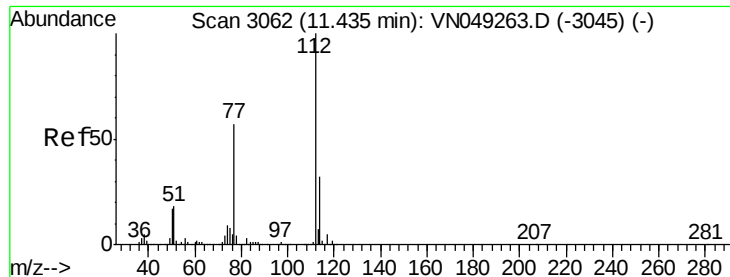
Tot Ion: 95 Resp: 683376
Ion Ratio Lower Upper
95 100
174 88.6 0.0 165.6
176 85.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049273.D
Acq: 15 Jun 2018 21:26

Tgt Ion: 117 Resp: 1695728
Ion Ratio Lower Upper
117 100
82 53.3 45.9 68.9
119 31.8 25.5 38.3





#65

Chlorobenzene

Concen: 0.59 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

Instrument :

MSVOA_N

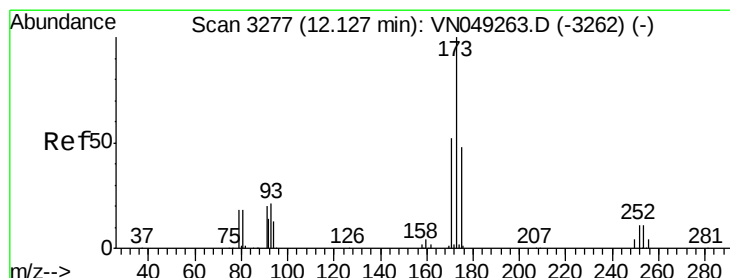
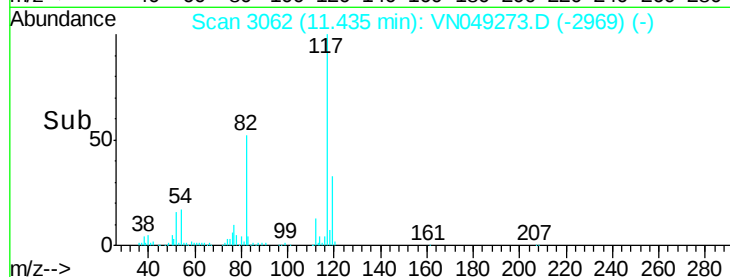
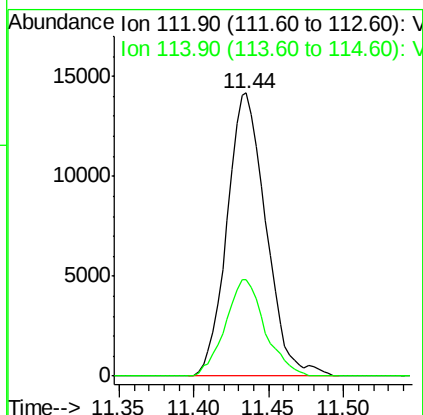
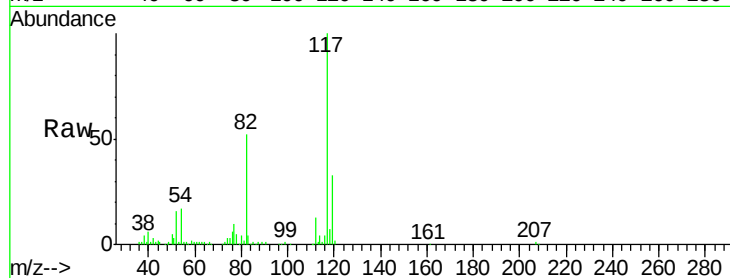
ClientSampleId :

Tot Ion:112 Resp: 25641

Ion Ratio Lower Upper

112 100

114 34.1 26.2 39.4



#71

Bromoform

Concen: 0.45 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

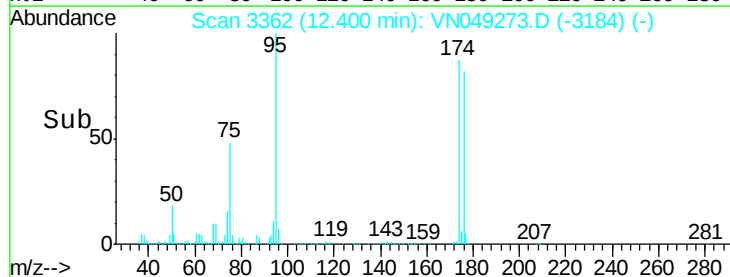
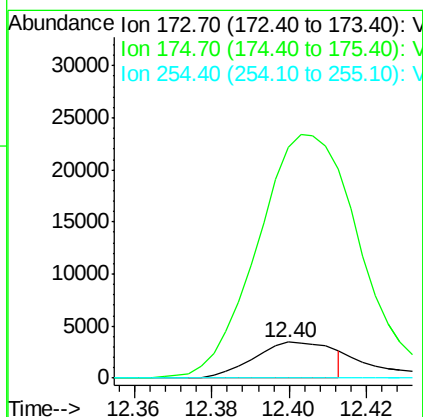
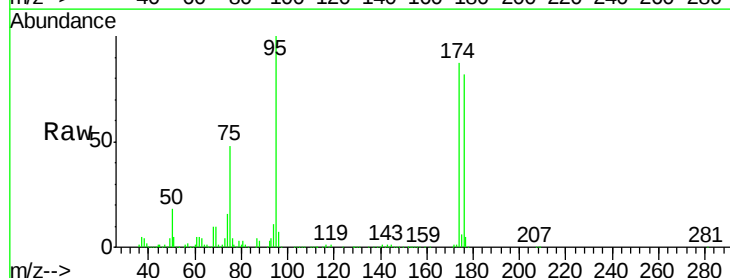
Tgt Ion:173 Resp: 4817

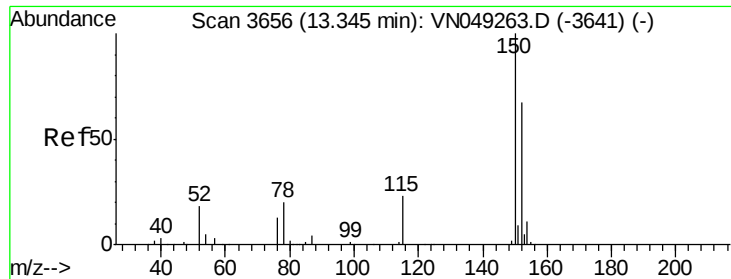
Ion Ratio Lower Upper

173 100

175 689.7 24.5 73.5#

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

Instrument :

MSVOA_N

ClientSampled :

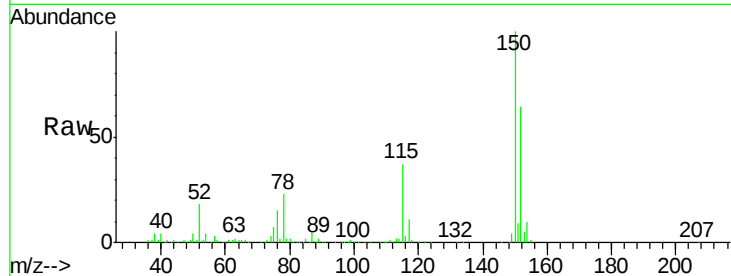
Tot Ion:152 Resp: 460262

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.1

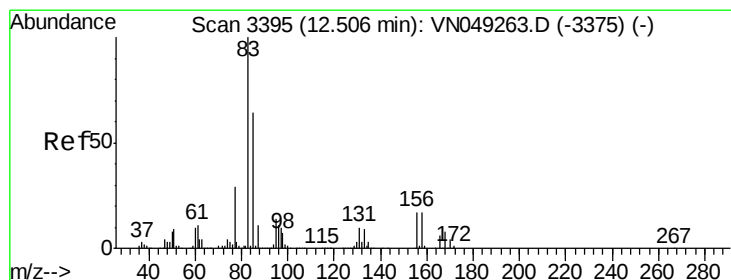
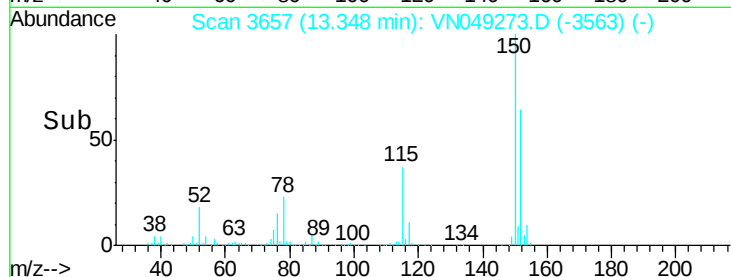
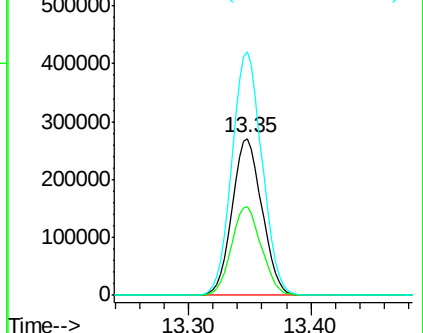
150 156.5 0.0 351.0



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: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

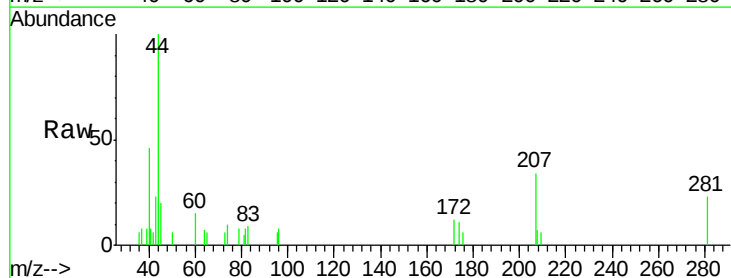
Tgt Ion: 83 Resp: 154

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

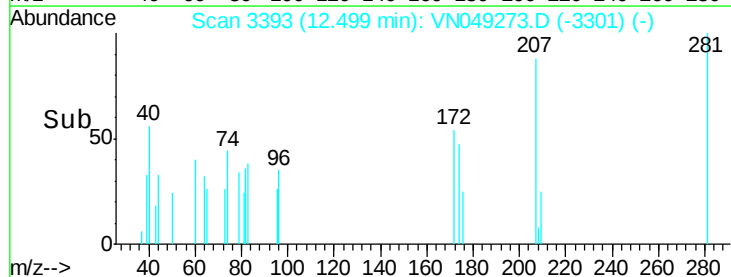
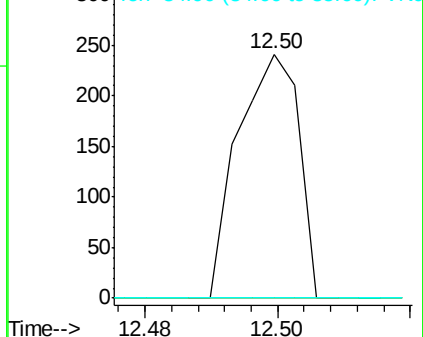
85 0.0 32.0 96.0#

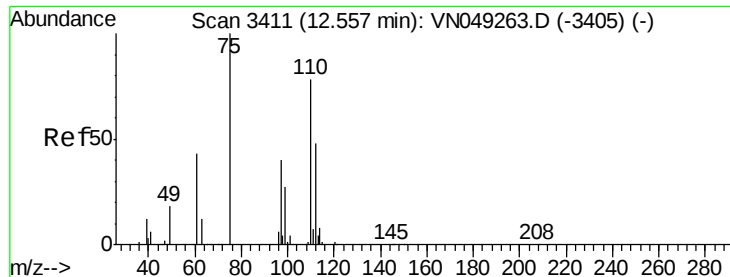


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 42.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

Instrument :

MSVOA_N

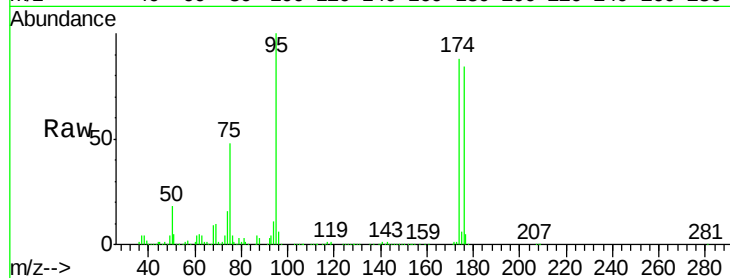
ClientSampleId :

Tot Ion: 75 Resp: 331420

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

200000

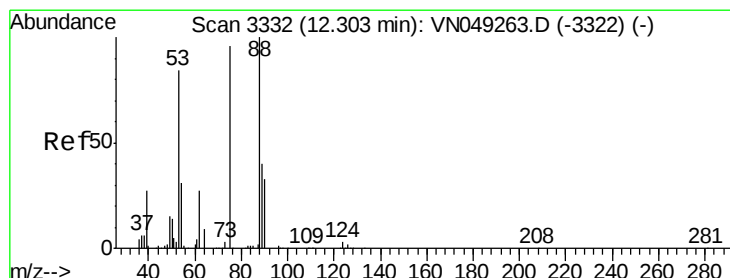
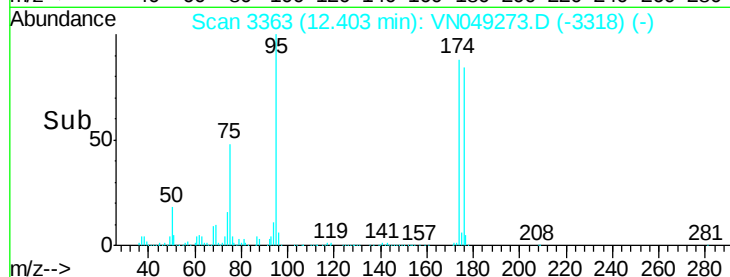
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 133.38 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

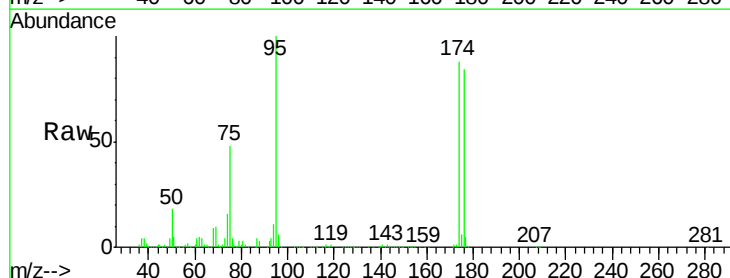
Tgt Ion: 75 Resp: 331420

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

12.40

250000

200000

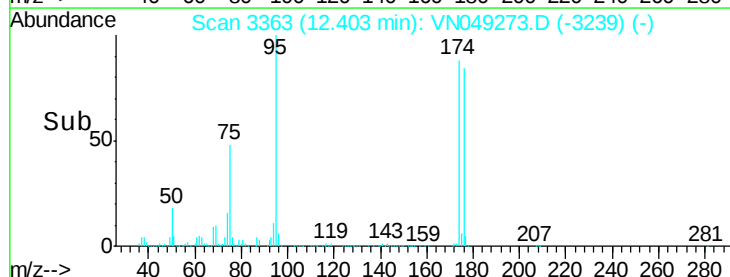
150000

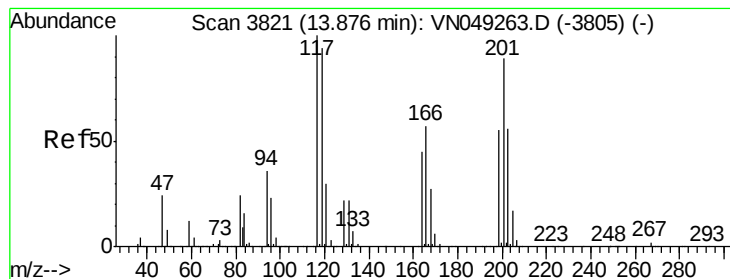
100000

50000

0

Time-->





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

Instrument :

MSVOA_N

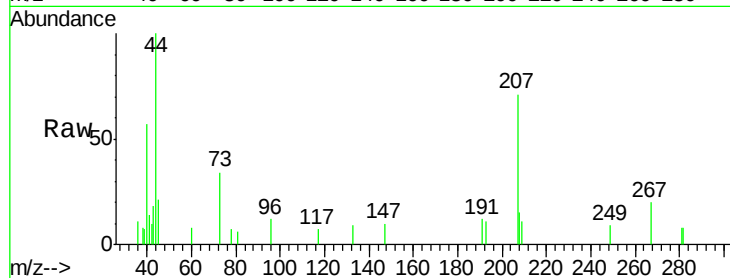
ClientSampled :

Tot Ion:117 Resp: 31

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

13.88

150

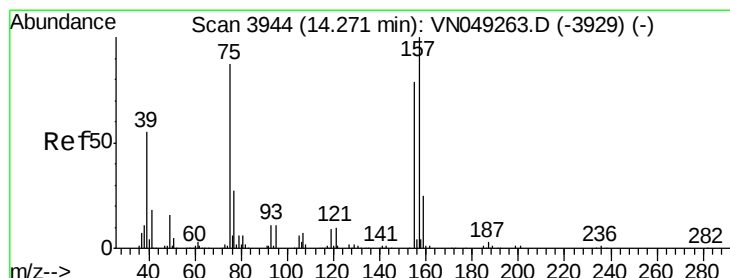
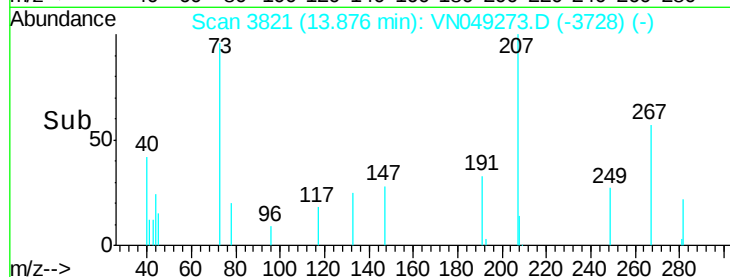
100

50

0

13.87 13.88

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.20 ug/l

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

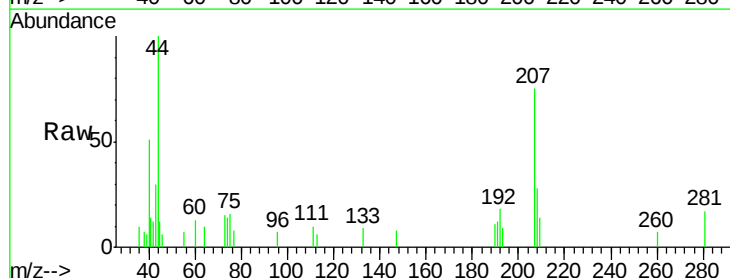
Tgt Ion: 75 Resp: 283

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): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

500

400

300

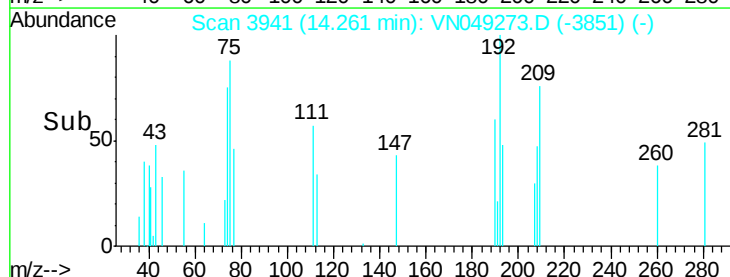
200

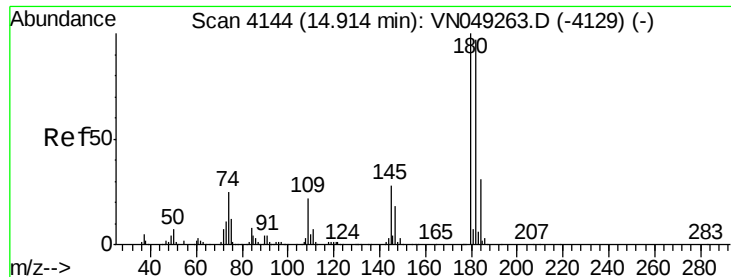
100

0

14.24 14.26 14.28

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 4.92 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049273.D

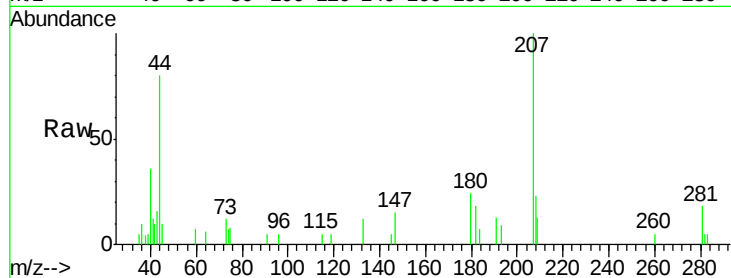
Acq: 15 Jun 2018 21:26

Instrument :

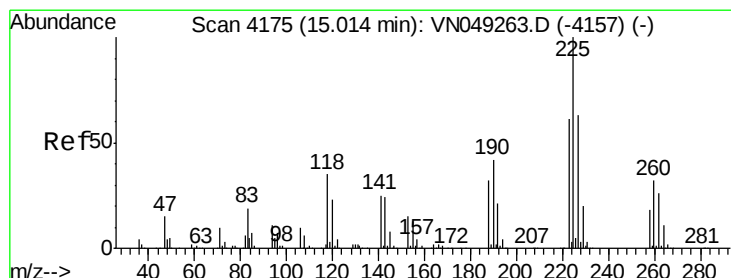
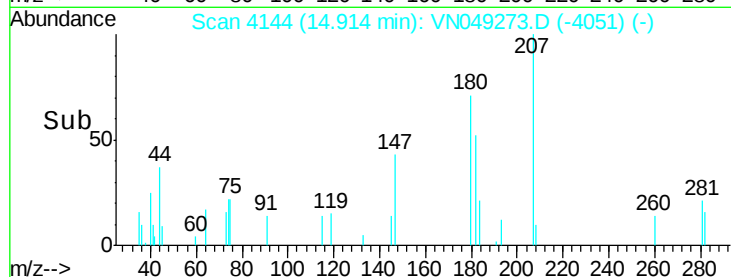
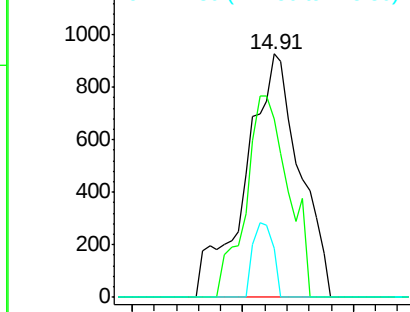
MSVOA_N

ClientSampleId :

Tot Ion:	180	Resp:	1574
Ion	Ratio	Lower	Upper
180	100		
182	64.9	46.9	140.8
145	11.6	14.7	44.1#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

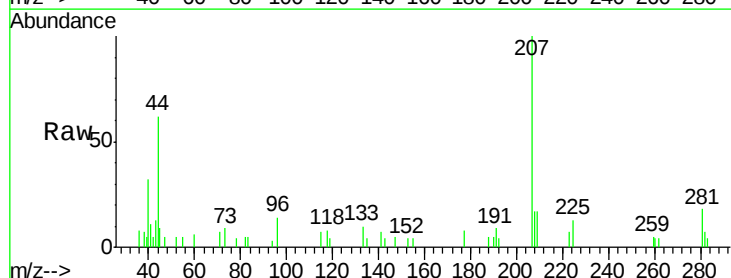
RT: 15.01 min Scan# 4173

Delta R.T. -0.01 min

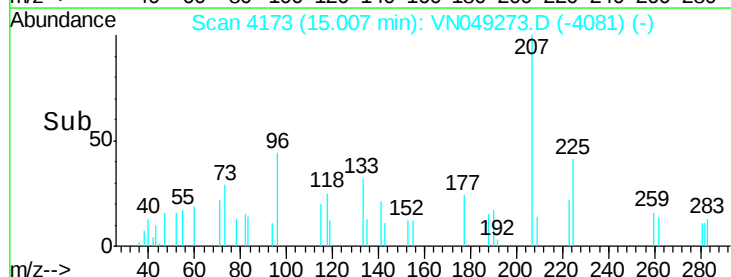
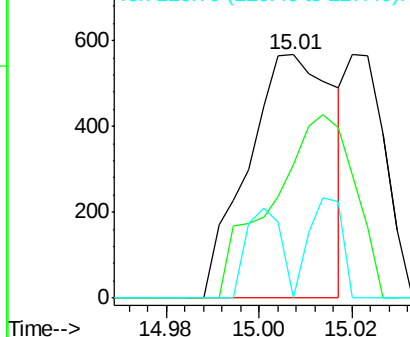
Lab File: VN049273.D

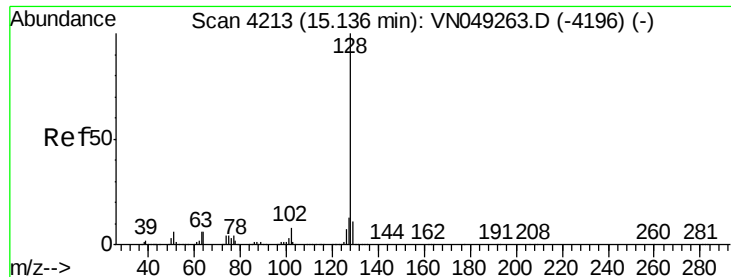
Acq: 15 Jun 2018 21:26

Tgt Ion:	225	Resp:	732
Ion	Ratio	Lower	Upper
225	100		
223	72.5	32.1	96.3
227	16.1	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: 2.25 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. -0.00 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

Instrument :

MSVOA_N

ClientSampleId :

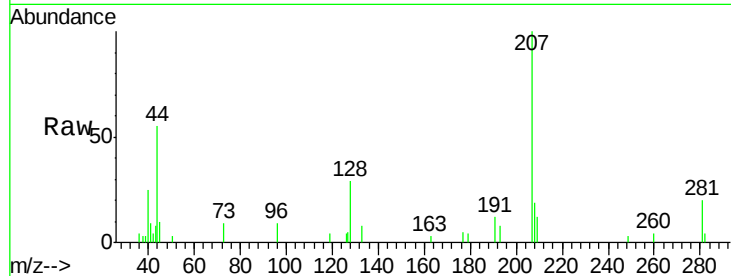
Tot Ion:128 Resp: 2220

Ion Ratio Lower Upper

128 100

127 6.6 10.6 16.0#

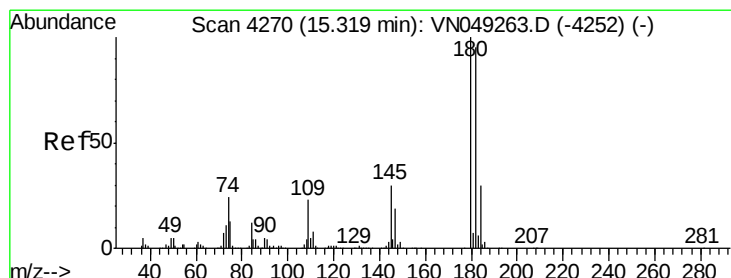
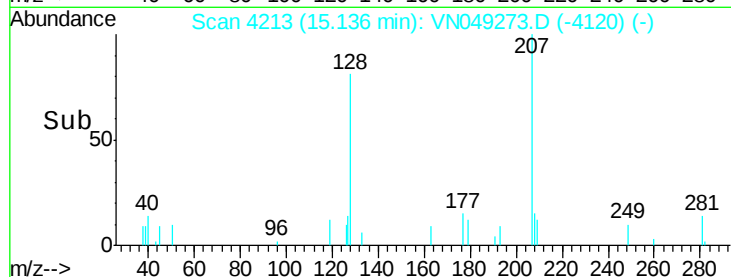
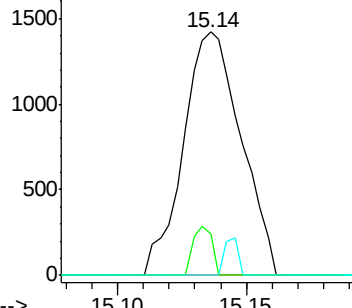
129 3.6 8.5 12.7#



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: 3.59 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.01 min

Lab File: VN049273.D

Acq: 15 Jun 2018 21:26

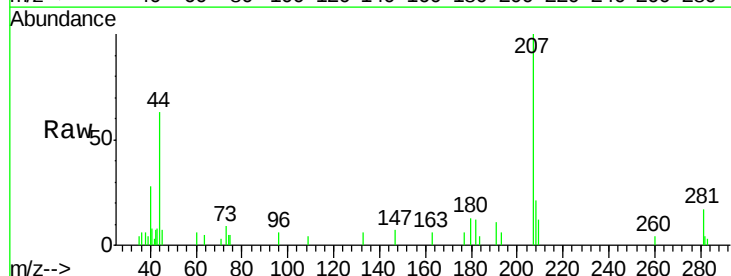
Tgt Ion:180 Resp: 1113

Ion Ratio Lower Upper

180 100

182 61.5 47.3 141.8

145 24.1 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

