

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049585.D
 Acq On : 28 Jun 2018 13:16
 Operator : MD\SY
 Sample : PB110627ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 01:36:50 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	1156560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1817401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1512877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	587746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	747385	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.59	113	620622	42.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.42%	
50) Toluene-d8	10.09	98	2441834	43.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.22%	
62) 4-Bromofluorobenzene	12.40	95	717905	38.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.56%	

Target Compounds

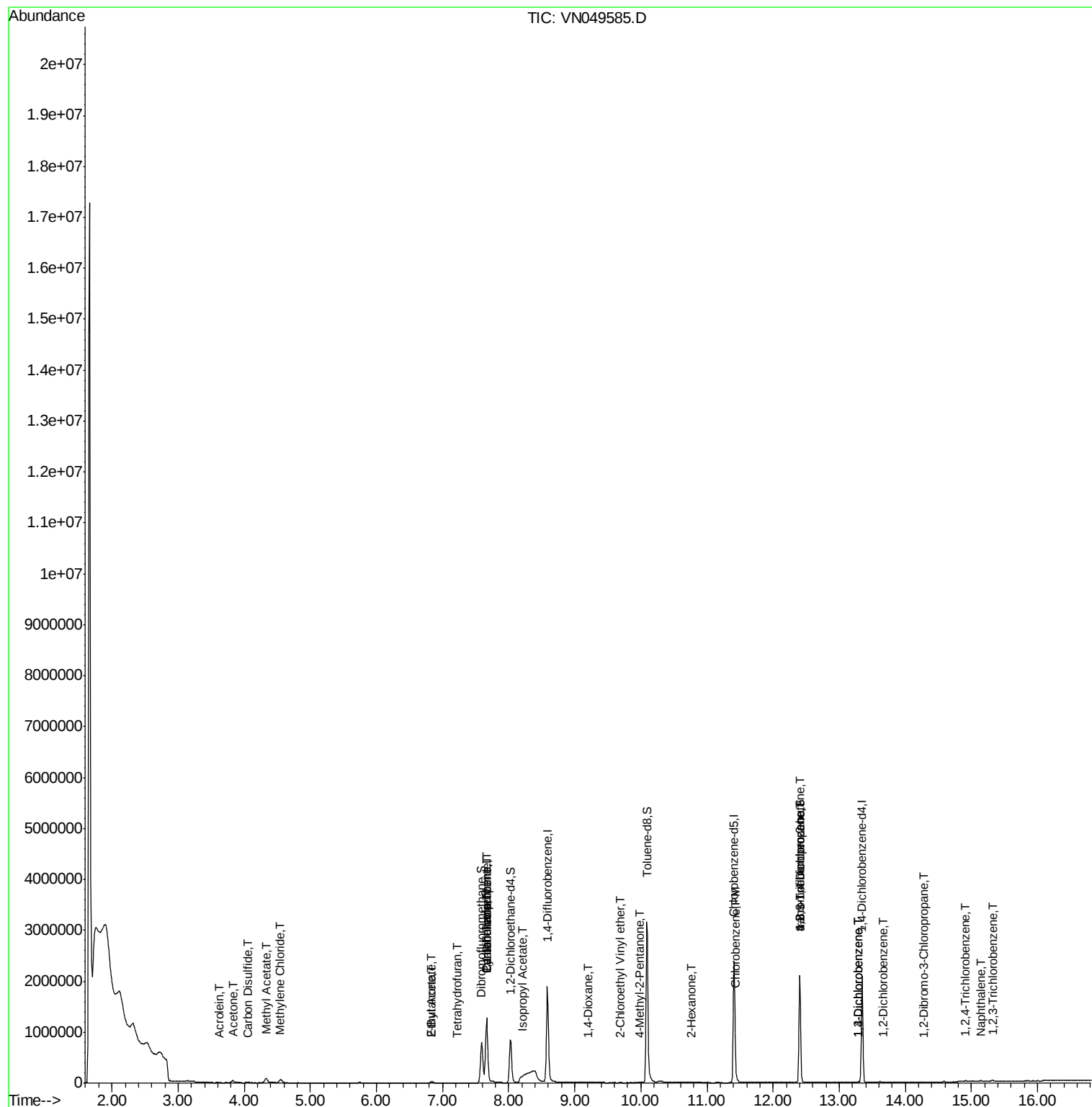
						Qvalue
13) Acrolein	3.62	56	3021	3.20	ug/l #	80
16) Acetone	3.82	43	80554	21.63	ug/l	91
17) Carbon Disulfide	4.05	76	13095	0.32	ug/l #	94
18) Methyl Acetate	4.33	43	169218	14.90	ug/l	97
20) Methylene Chloride	4.55	84	46276	2.97	ug/l	90
25) 2-Butanone	6.84	43	13173	2.63	ug/l	92
29) Tetrahydrofuran	7.22	42	1744	0.54	ug/l #	44
31) Cyclohexane	7.67	56	20351	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	77574	3.72	ug/l #	49
37) Ethyl Acetate	6.84	43	13173	1.16	ug/l #	70
38) Carbon Tetrachloride	7.67	117	100335	4.65	ug/l #	17
43) Isopropyl Acetate	8.20	43	114590	5.30	ug/l #	65
49) 1,4-Dioxane	9.21	88	156	1.11	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	8413	0.74	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	163	14.35	ug/l #	1
59) 2-Hexanone	10.75	43	4101	0.56	ug/l	90
65) Chlorobenzene	11.44	112	22225	0.57	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	1133	Below	Cal #	97
76) 1,2,3-Trichloropropane	12.40	75	343087	34.21	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	343087	108.13	ug/l #	9
87) 1,3-Dichlorobenzene	13.29	146	6129	0.27	ug/l	97
88) 1,4-Dichlorobenzene	13.29	146	6129	0.28	ug/l	98
90) Hexachloroethane	13.86	117	33	Below	Cal #	9
91) 1,2-Dichlorobenzene	13.66	146	5510	0.25	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	429	0.24	ug/l #	50
93) 1,2,4-Trichlorobenzene	14.92	180	6131	5.29	ug/l	92
94) Hexachlorobutadiene	15.01	225	3194	Below	Cal	94
95) Naphthalene	15.14	128	17002	3.12	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	7435	4.16	ug/l	93

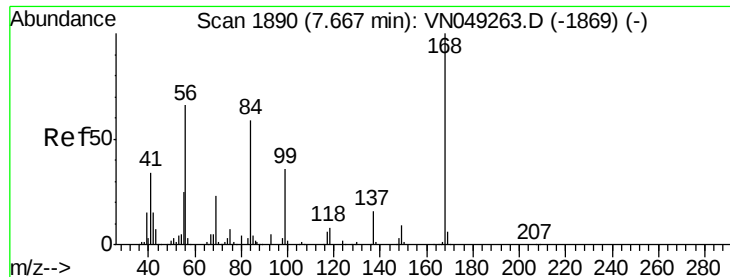
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

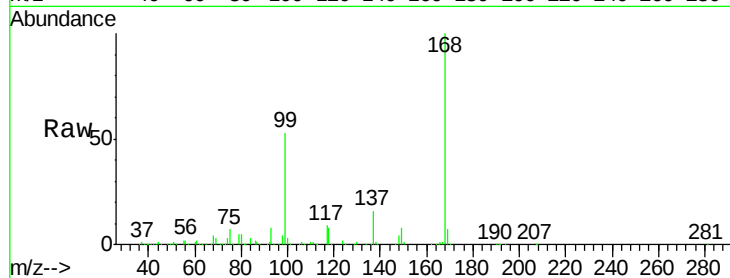
ClientSampled :

Tot Ion:168 Resp: 1156560

Ion Ratio Lower Upper

168 100

99 52.8 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

400000

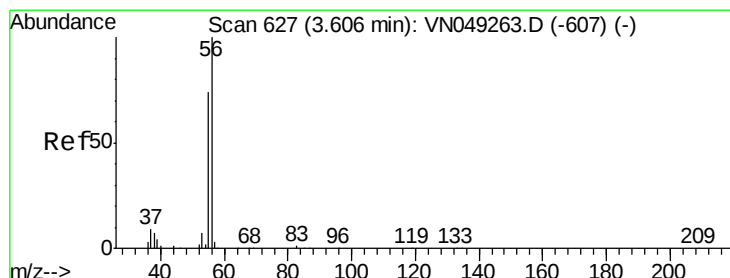
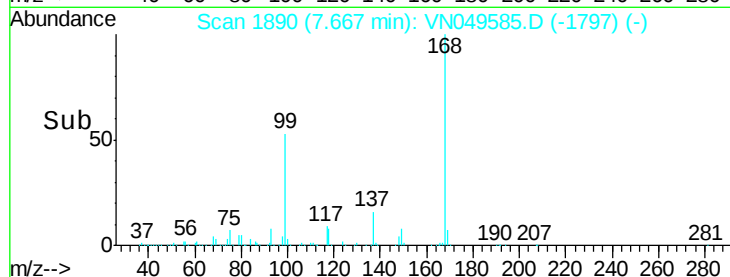
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#13

Acrolein

Concen: 3.20 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN049585.D

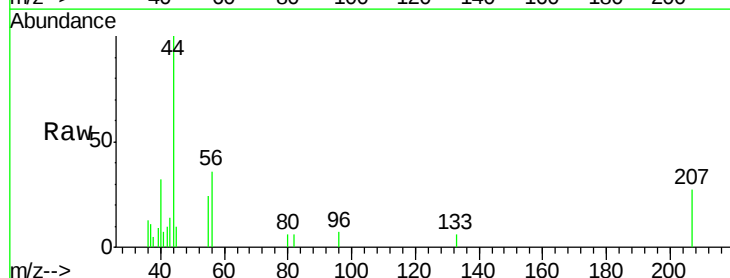
Acq: 28 Jun 2018 13:16

Tgt Ion: 56 Resp: 3021

Ion Ratio Lower Upper

56 100

55 54.9 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

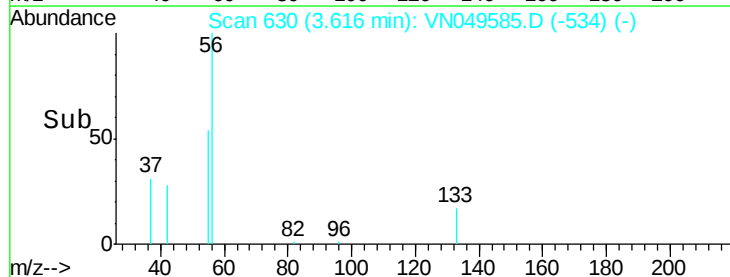
3.62

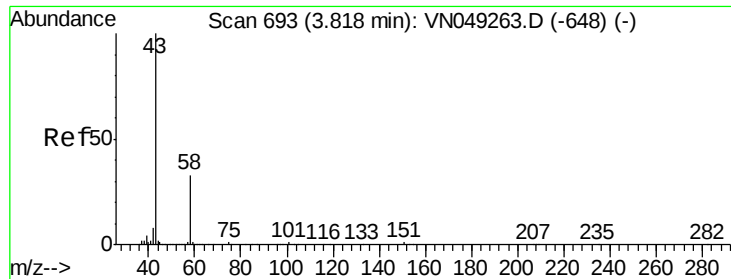
1000

500

0

Time--> 3.55 3.60 3.65





#16

Acetone

Concen: 21.63 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

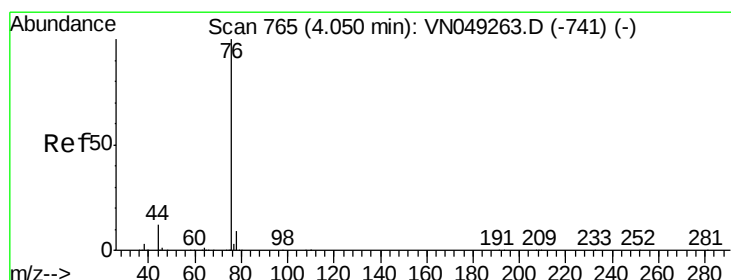
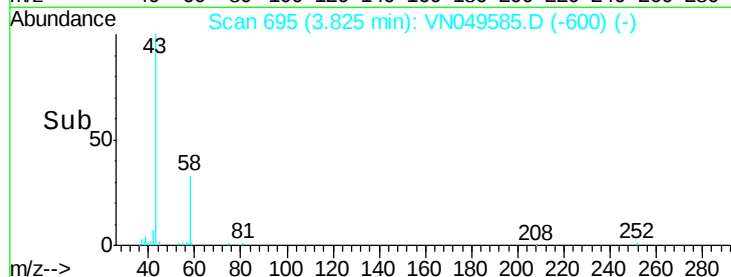
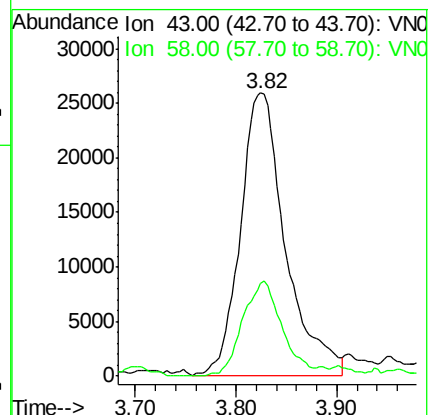
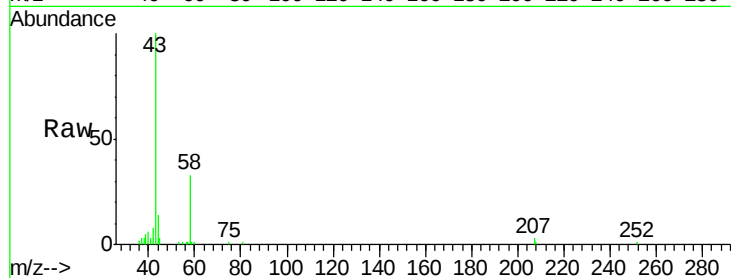
ClientSampled :

Tot Ion: 43 Resp: 80554

Ion Ratio Lower Upper

43 100

58 32.9 22.4 33.6



#17

Carbon Disulfide

Concen: 0.32 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049585.D

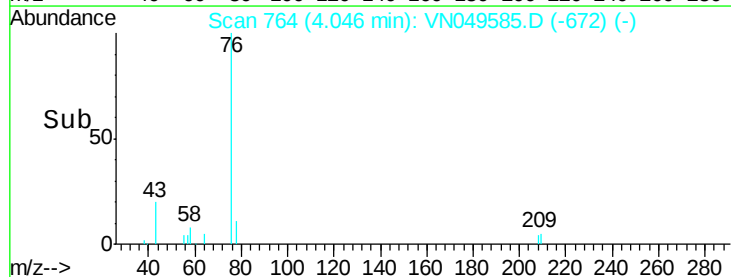
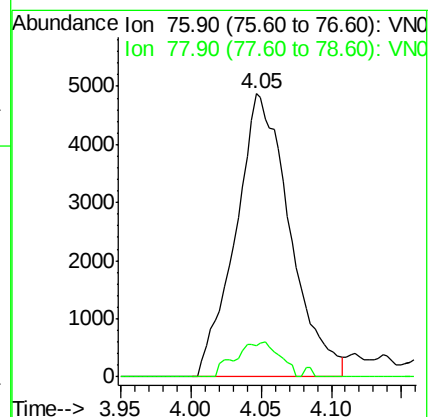
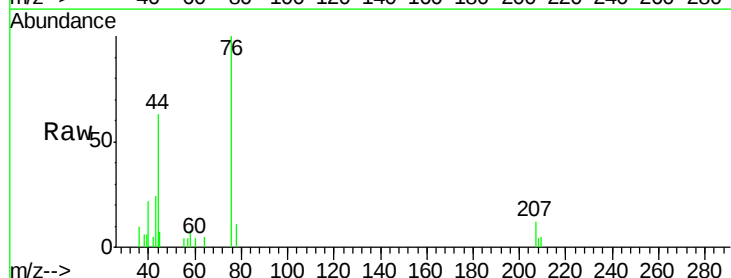
Acq: 28 Jun 2018 13:16

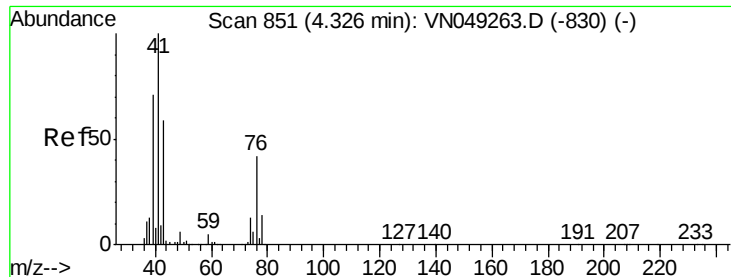
Tgt Ion: 76 Resp: 13095

Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.0#

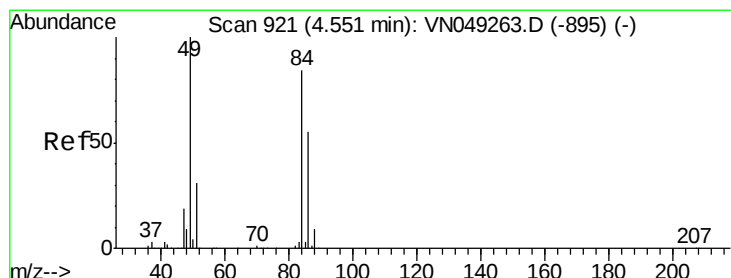
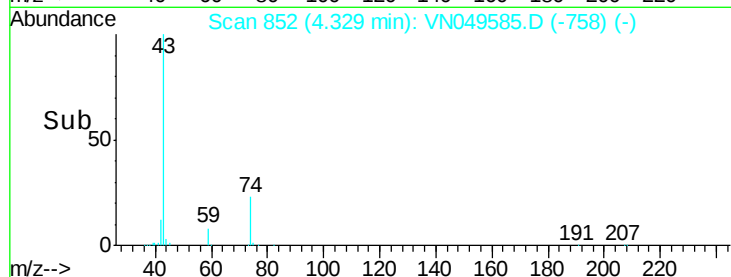
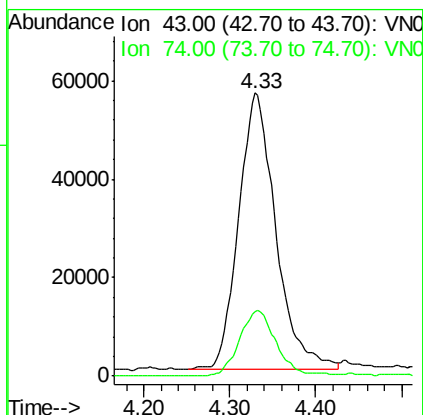
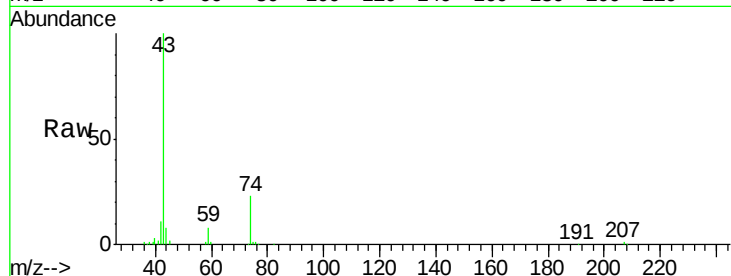




#18
Methvl Acetate
Concen: 14.90 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

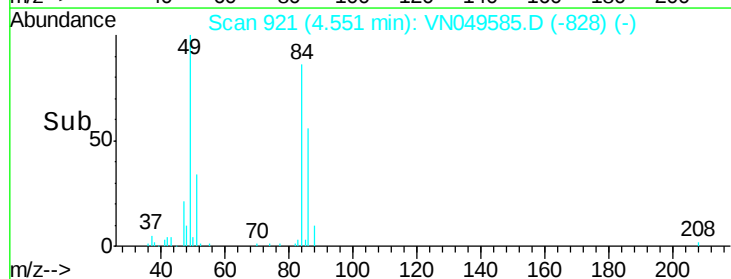
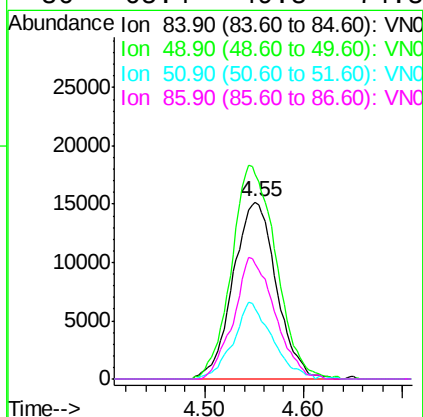
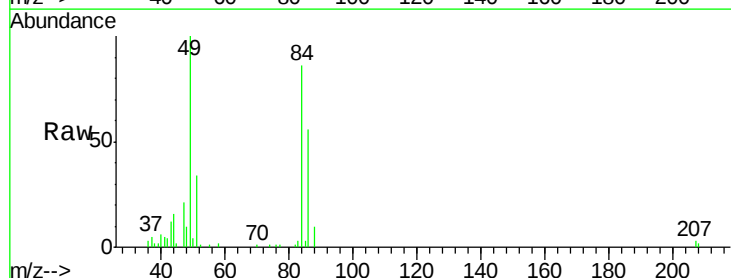
Instrument :
MSVOA_N
ClientSampleId :

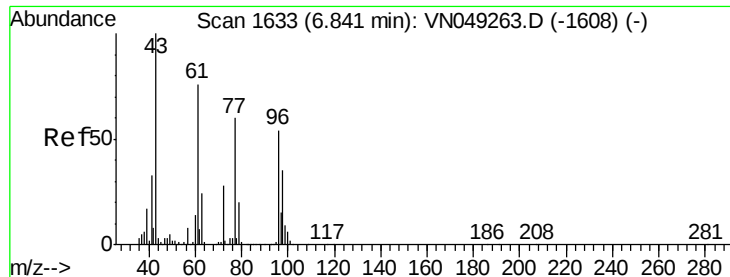
Tot Ion: 43 Resp: 169218
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 2.97 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Tgt Ion: 84 Resp: 46276
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 39.8 32.7 49.1
86 65.4 49.8 74.8





#25

2-Butanone

Concen: 2.63 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

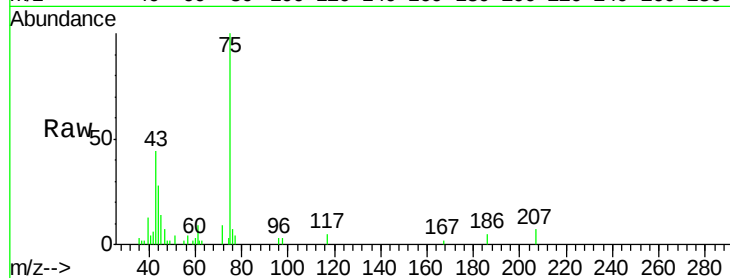
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 13173

Ion Ratio Lower Upper

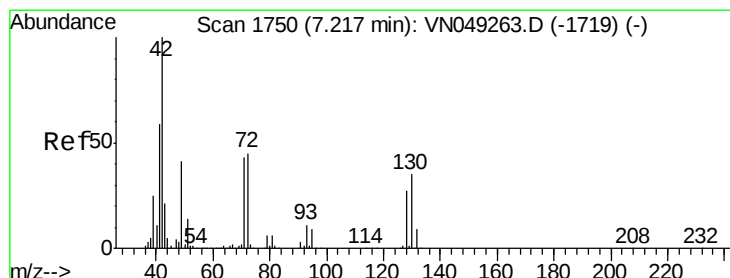
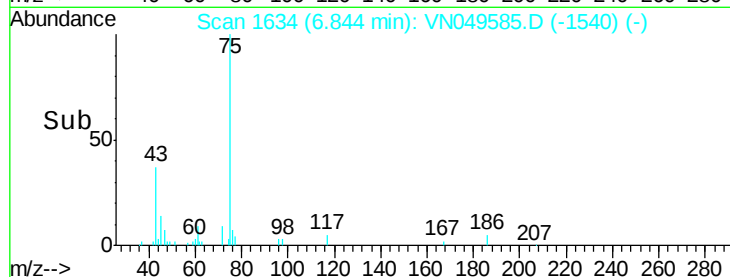
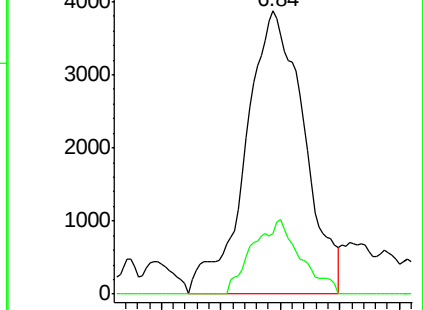
43 100

72 21.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049585.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049585.D (-1540) (-)



#29

Tetrahydrofuran

Concen: 0.54 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

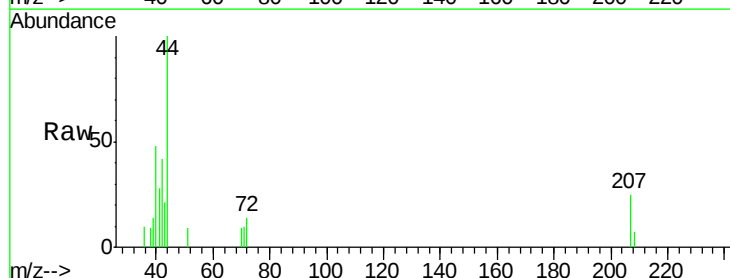
Tgt Ion: 42 Resp: 1744

Ion Ratio Lower Upper

42 100

72 0.0 32.2 48.4#

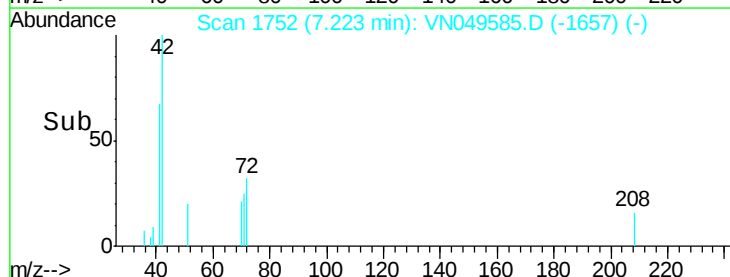
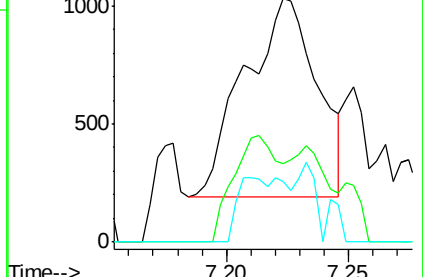
71 9.7 30.5 45.7#

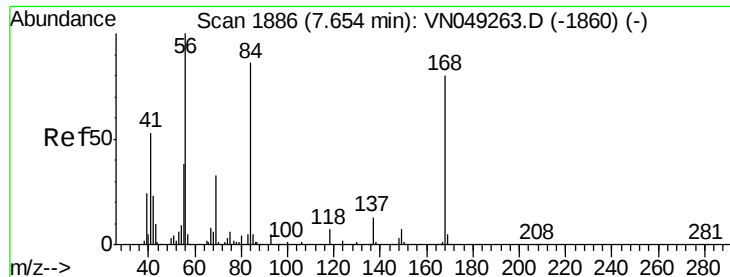


Abundance Ion 42.00 (41.70 to 42.70): VN049585.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN049585.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN049585.D (-1657) (-)

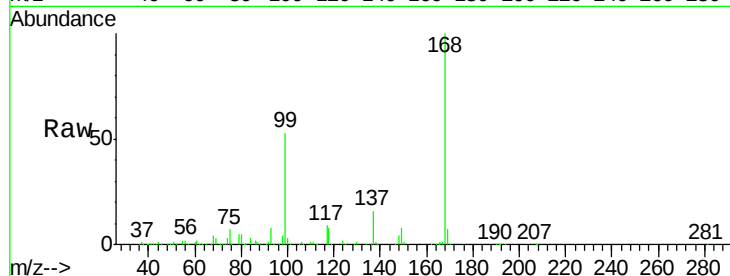




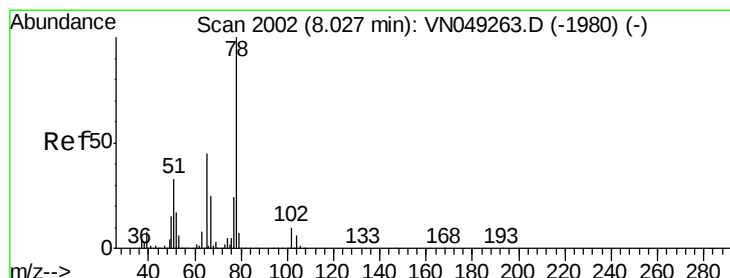
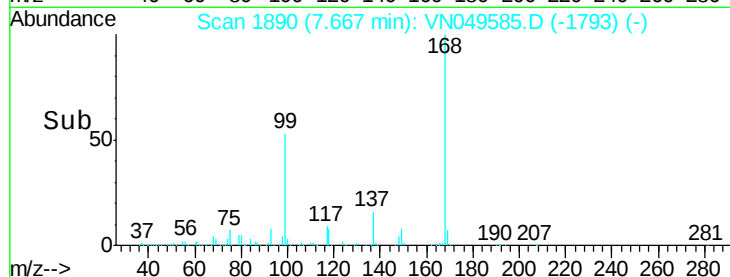
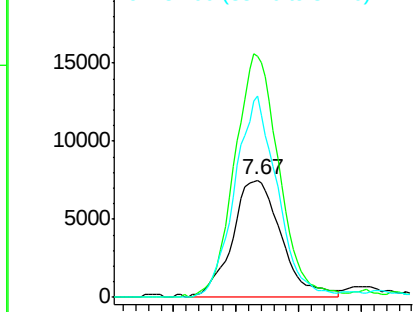
#31
Cyclohexane
Concen: 0.72 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 20351
Ion Ratio Lower Upper
56 100
69 206.8 25.0 37.4#
84 172.7 64.6 96.8#

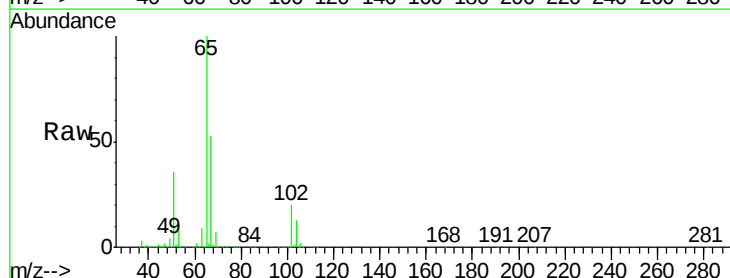


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

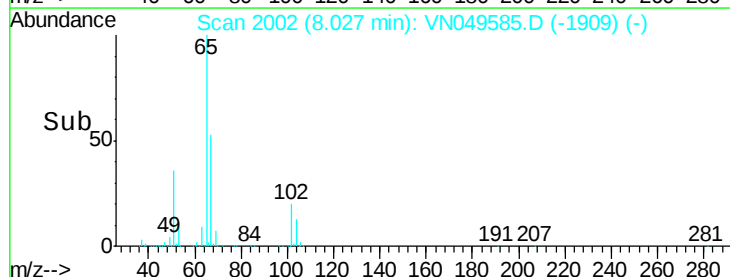
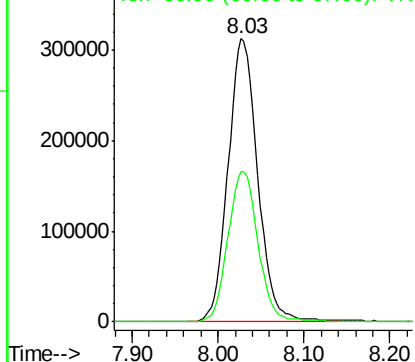


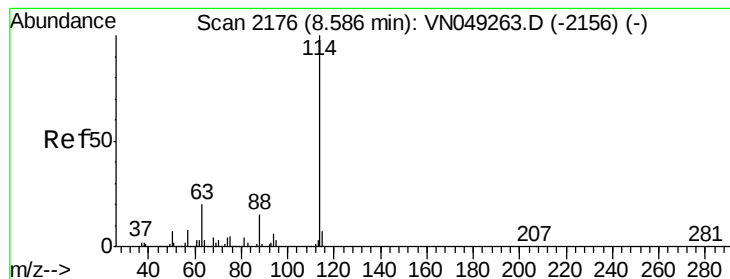
#33
1,2-Dichloroethane-d4
Concen: 48.72 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Tgt Ion: 65 Resp: 747385
Ion Ratio Lower Upper
65 100
67 54.1 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: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampled :

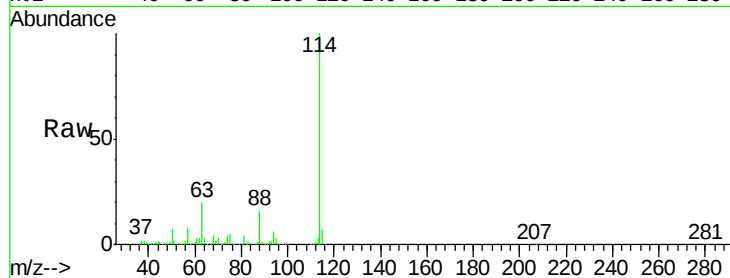
Tot Ion:114 Resp: 1817401

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

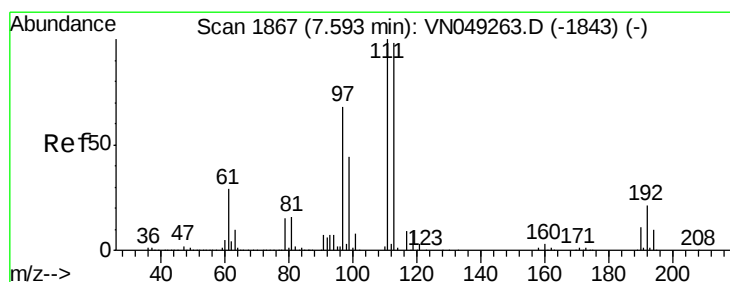
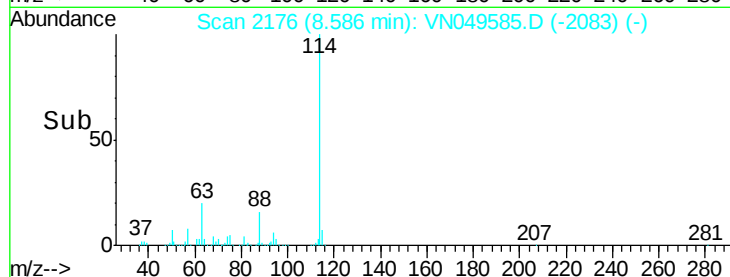
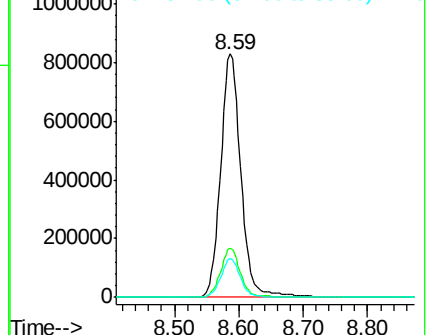
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 42.21 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

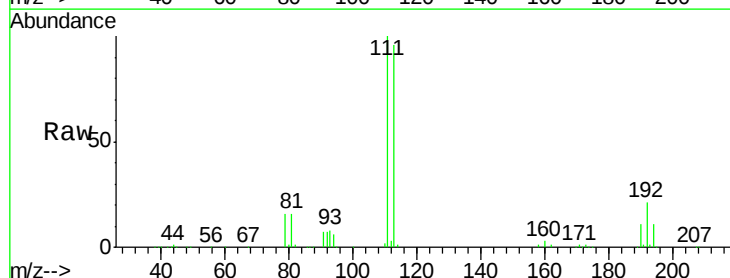
Tgt Ion:113 Resp: 620622

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

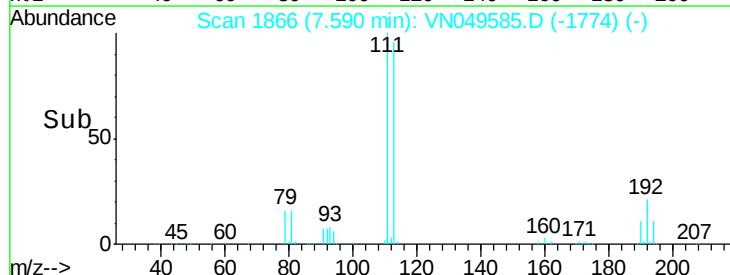
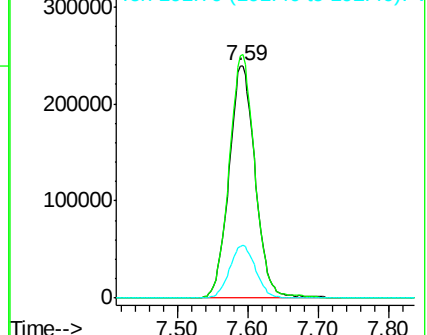
192 22.4 15.0 22.6

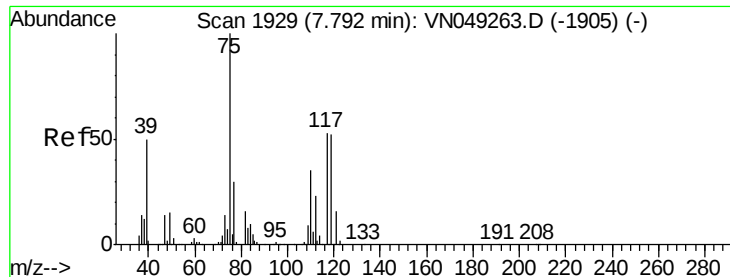


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.72 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

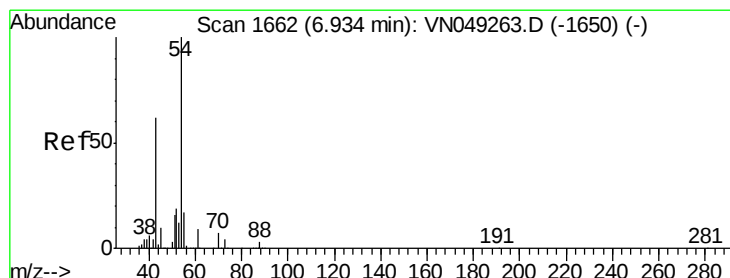
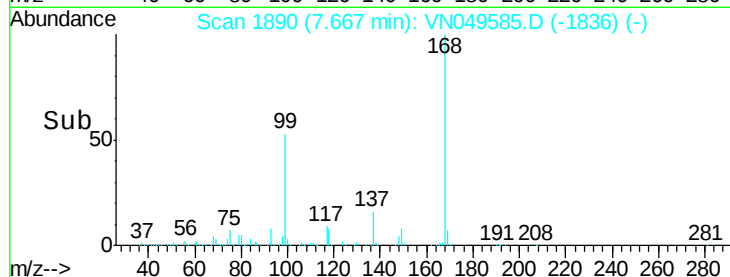
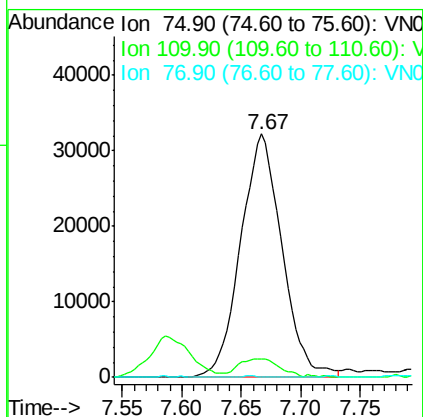
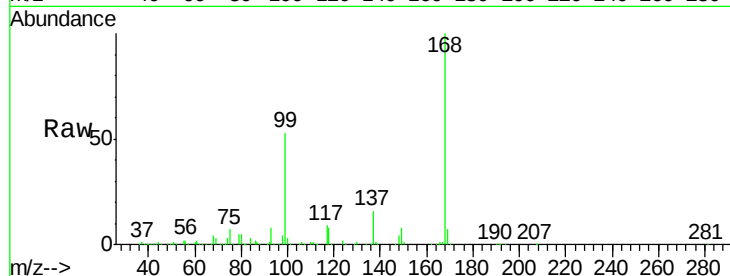
Tot Ion: 75 Resp: 77574

Ion Ratio Lower Upper

75 100

110 7.5 17.0 50.9#

77 0.1 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.16 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.09 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

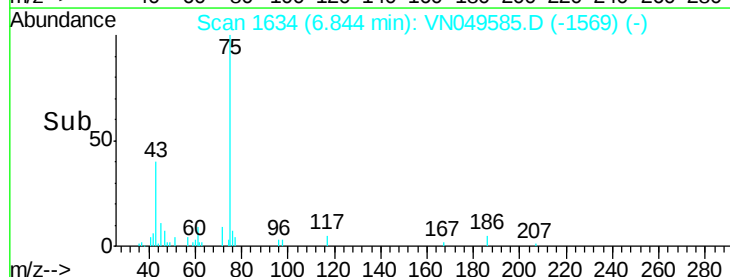
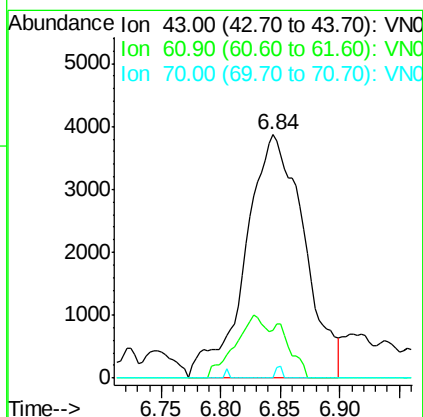
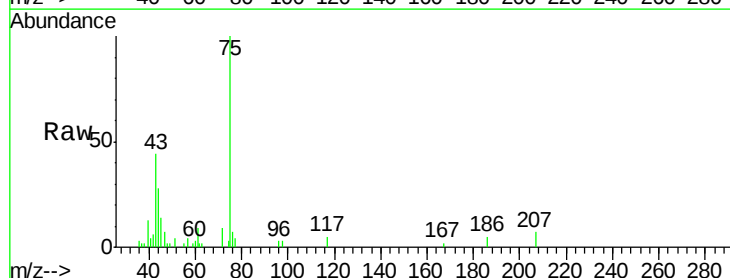
Tgt Ion: 43 Resp: 13173

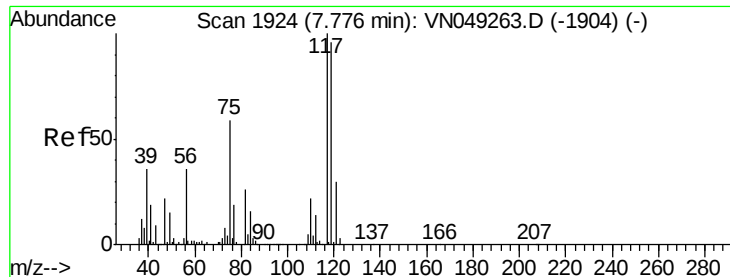
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 0.5 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 4.65 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampled :

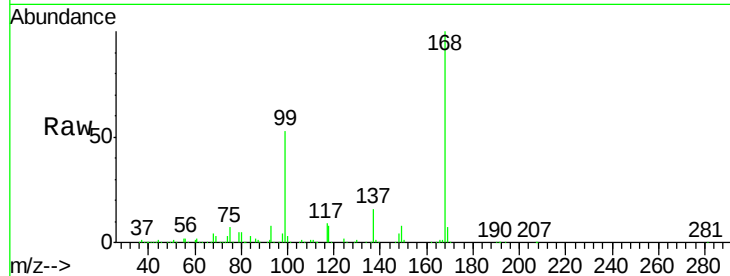
Tot Ion:117 Resp: 100335

Ion Ratio Lower Upper

117 100

119 5.3 75.6 113.4#

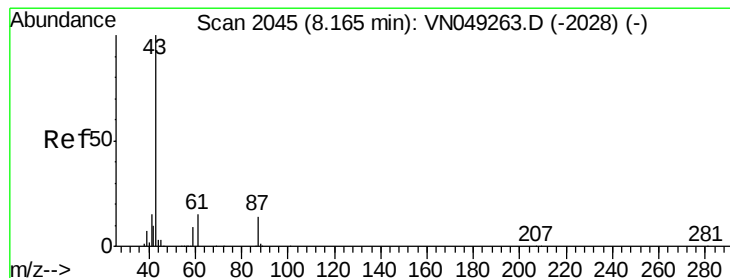
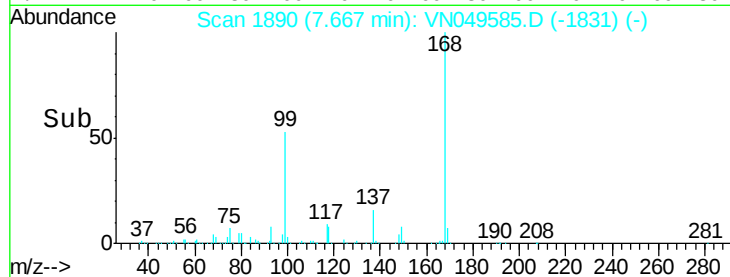
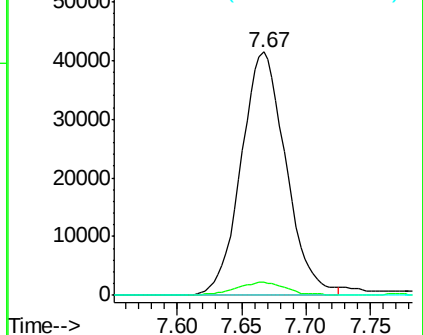
121 0.0 24.7 37.1#



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: 5.30 ug/l

RT: 8.20 min Scan# 2056

Delta R.T. 0.04 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

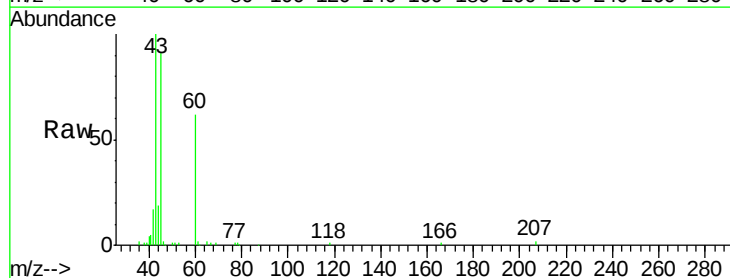
Tgt Ion: 43 Resp: 114590

Ion Ratio Lower Upper

43 100

61 0.8 14.2 21.4#

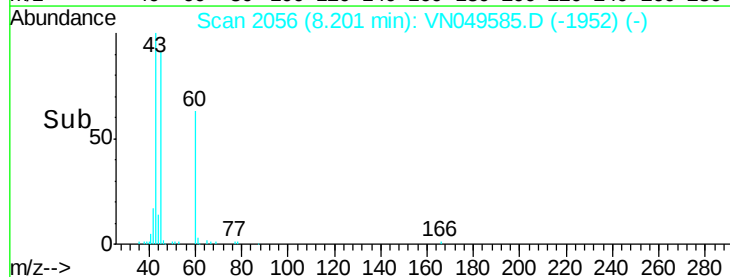
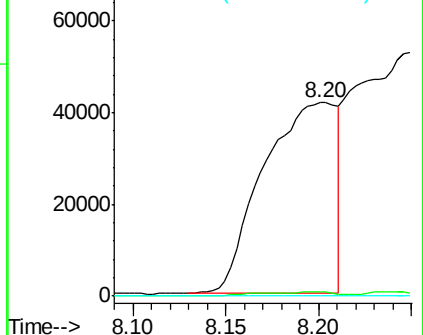
87 0.1 9.4 14.0#

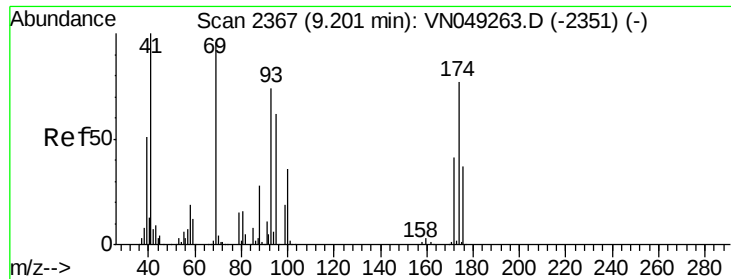


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

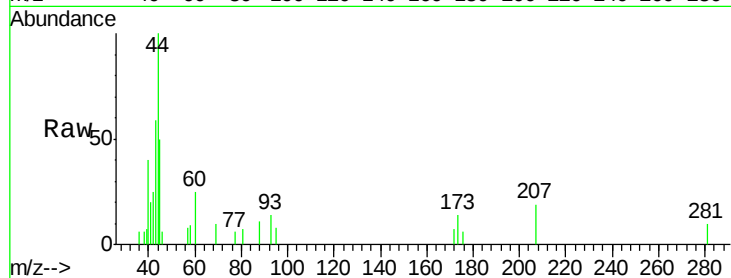




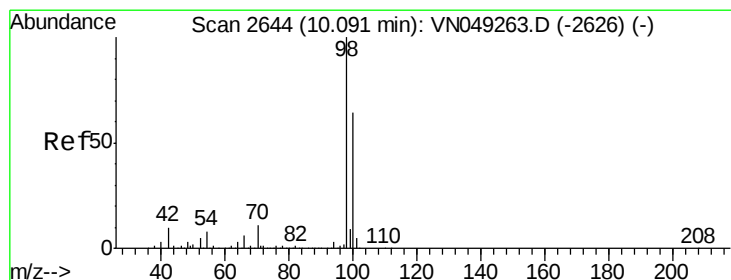
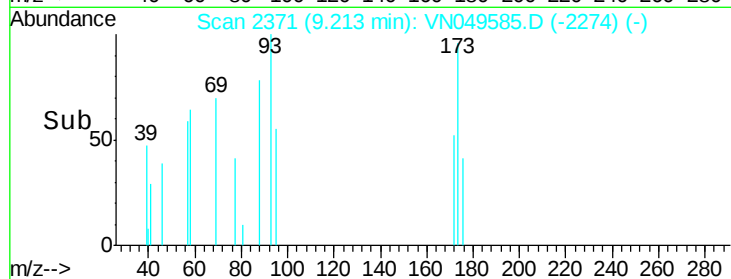
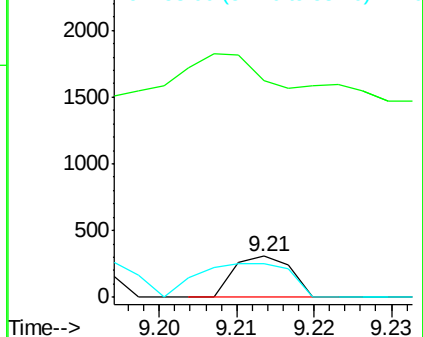
#49
1,4-Dioxane
Concen: 1.11 ug/l
RT: 9.21 min Scan# 2371
Delta R.T. 0.01 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 156
Ion Ratio Lower Upper
88 100
43 326.3 30.9 46.3#
58 134.6 58.9 88.3#

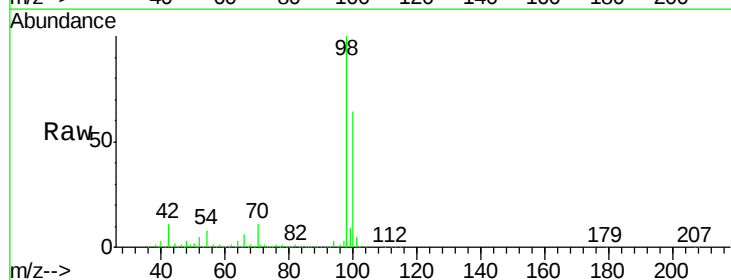


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

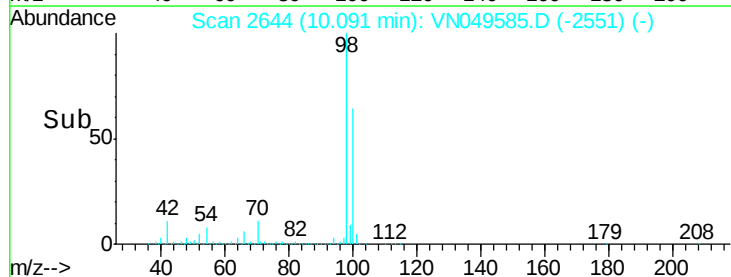
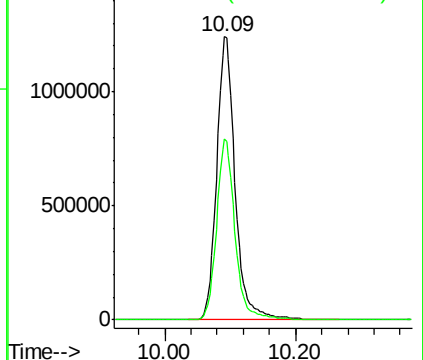


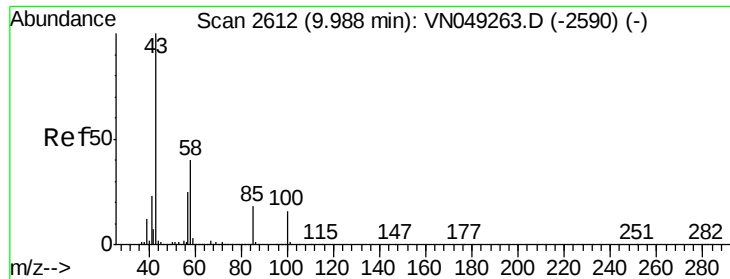
#50
Toluene-d8
Concen: 43.61 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Tgt Ion: 98 Resp: 2441834
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: 0.74 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

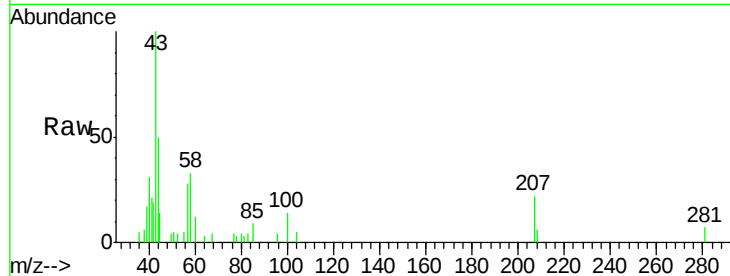
ClientSampled :

Tot Ion: 43 Resp: 8413

Ion Ratio Lower Upper

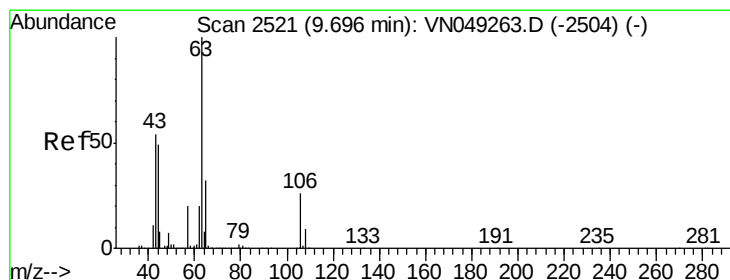
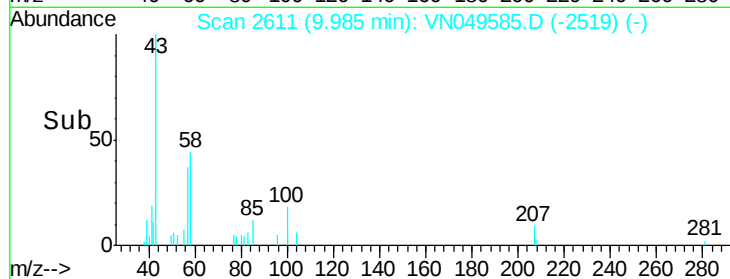
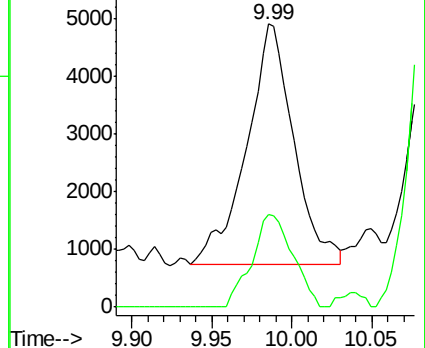
43 100

58 33.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 14.35 ug/l

RT: 9.69 min Scan# 2518

Delta R.T. -0.01 min

Lab File: VN049585.D

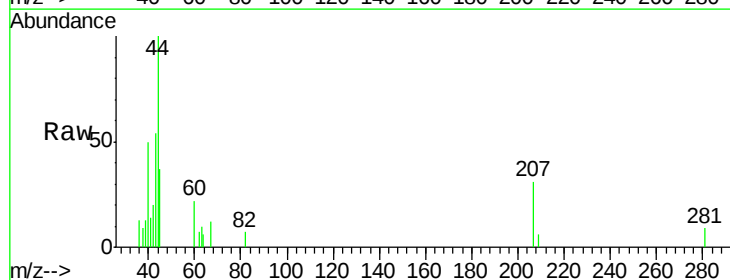
Acq: 28 Jun 2018 13:16

Tgt Ion: 63 Resp: 163

Ion Ratio Lower Upper

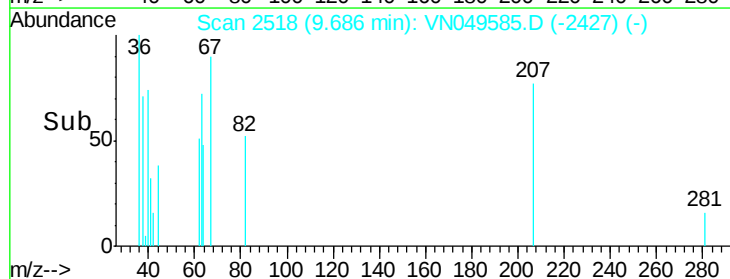
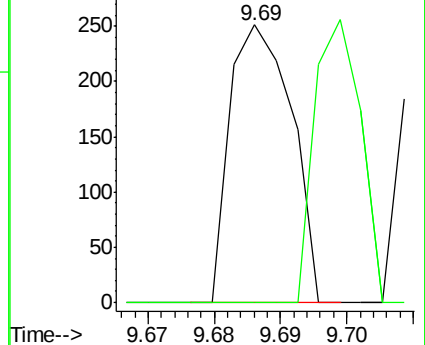
63 100

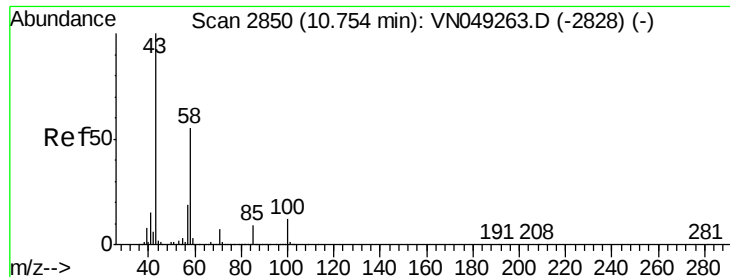
106 76.1 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

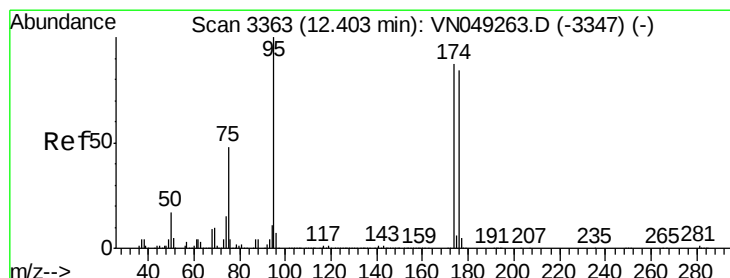
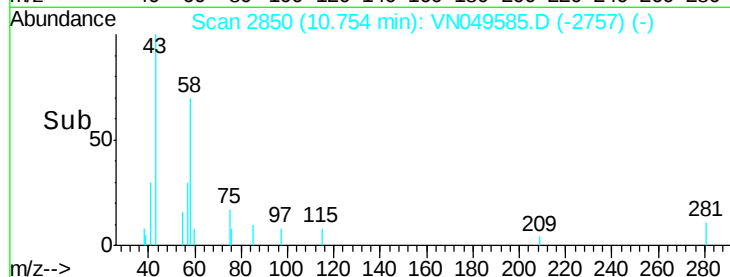
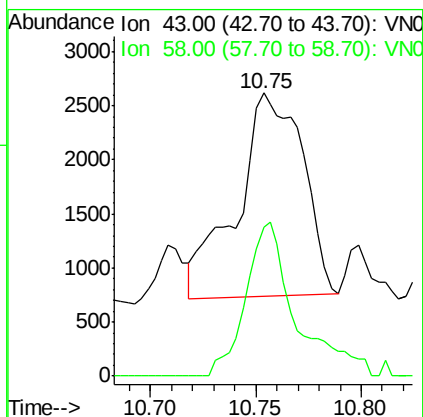
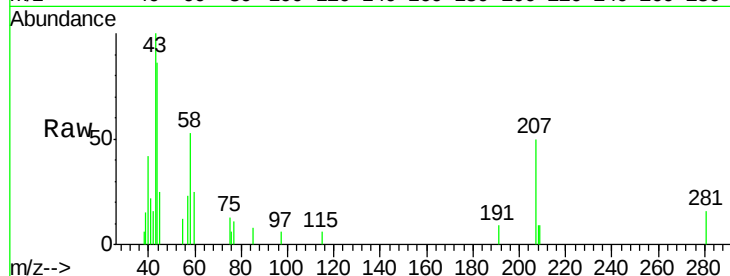




#59
2-Hexanone
Concen: 0.56 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

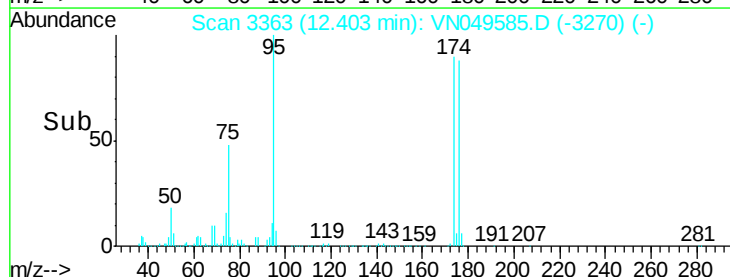
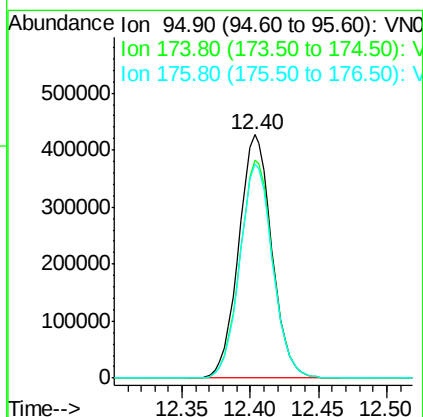
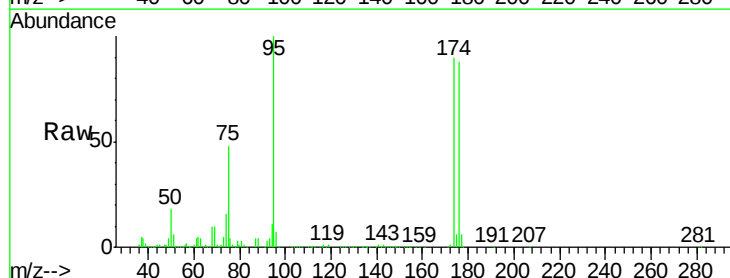
Instrument :
MSVOA_N
ClientSampleId :

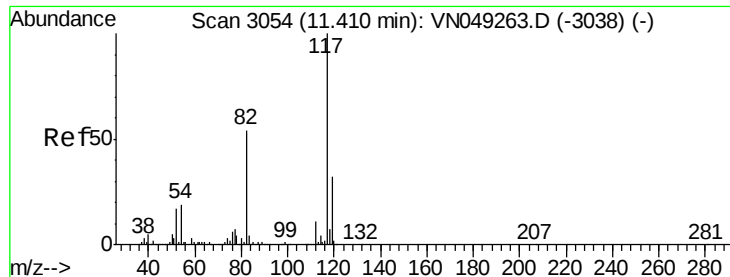
Tot Ion: 43 Resp: 4101
Ion Ratio Lower Upper
43 100
58 57.1 25.2 75.6



#62
4-Bromofluorobenzene
Concen: 38.78 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Tgt Ion: 95 Resp: 717905
Ion Ratio Lower Upper
95 100
174 89.1 0.0 165.6
176 87.3 0.0 157.4

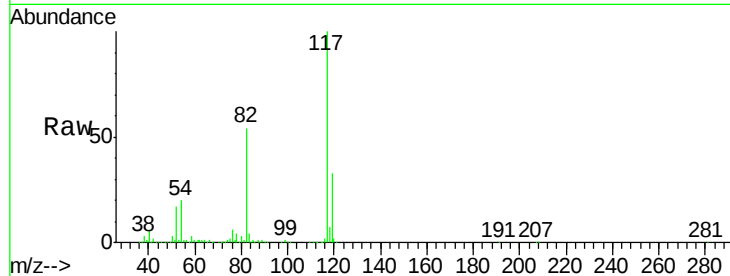




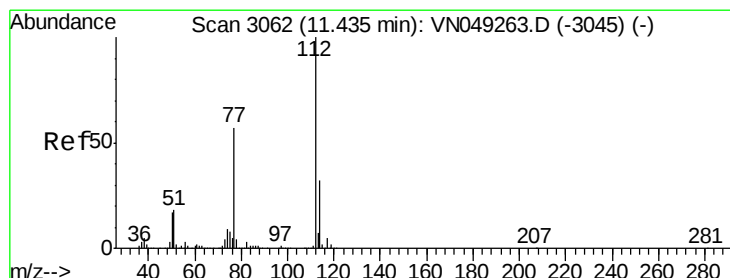
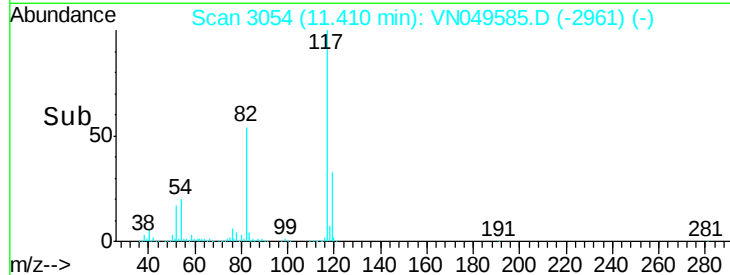
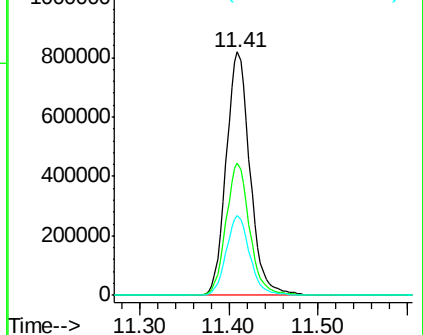
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1512877
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.6 25.5 38.3

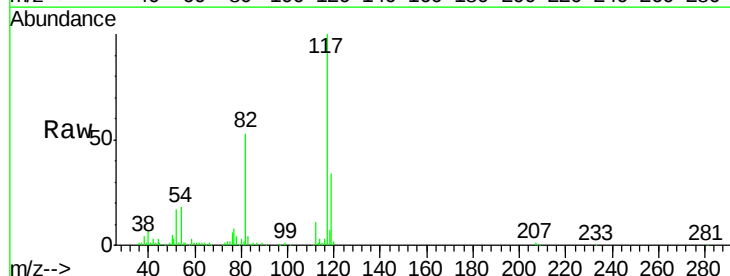


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

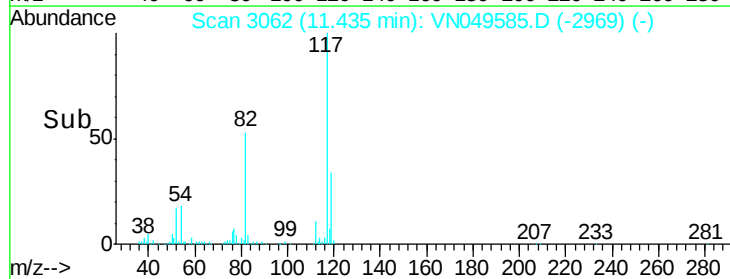
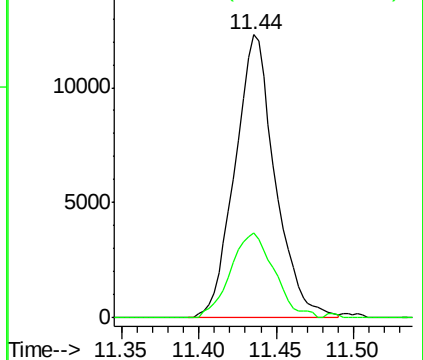


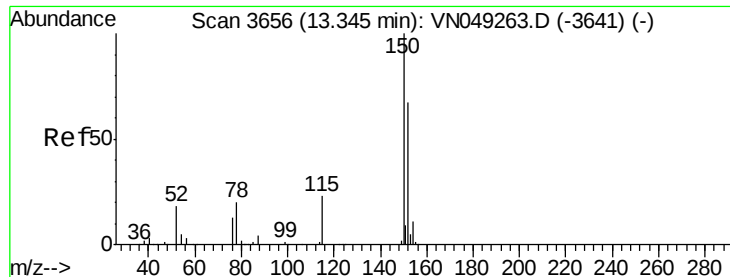
#65
Chlorobenzene
Concen: 0.57 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Tgt Ion:112 Resp: 22225
Ion Ratio Lower Upper
112 100
114 30.0 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

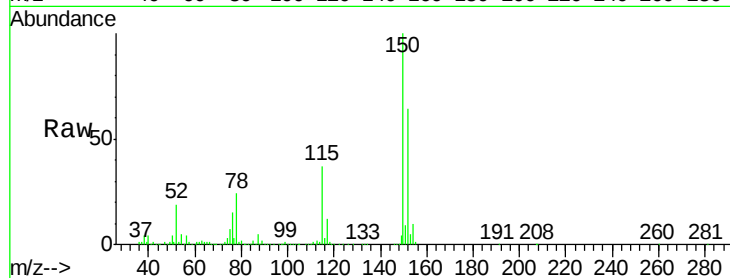
Tot Ion:152 Resp: 587746

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.1

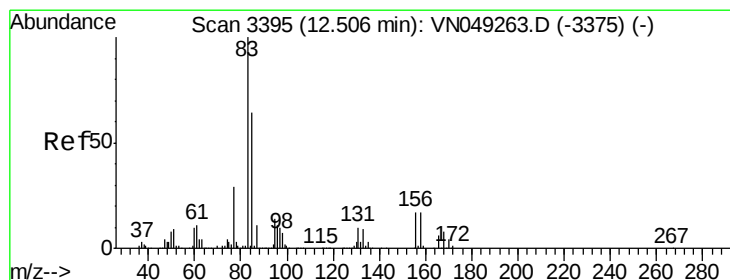
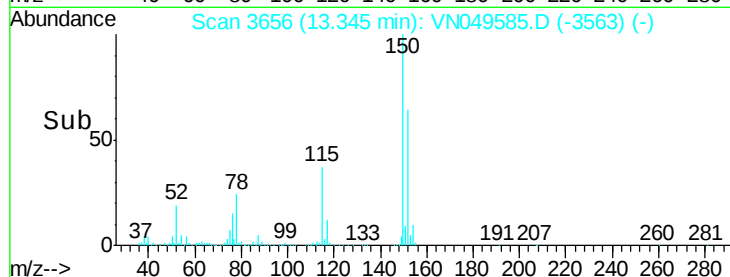
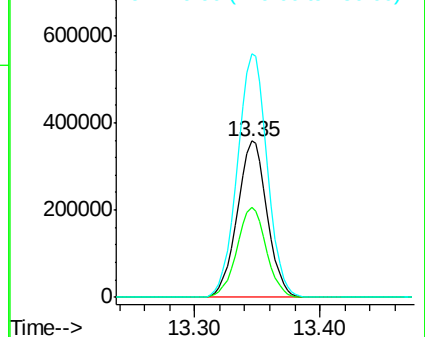
150 156.5 0.0 351.0



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: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

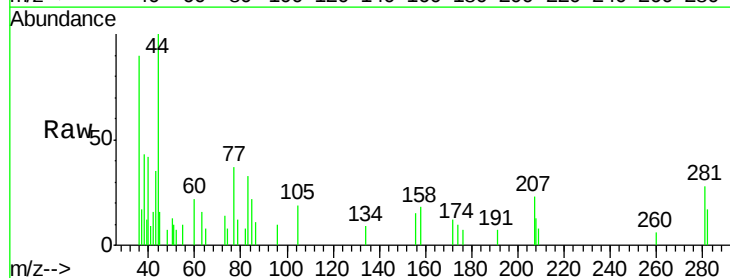
Tgt Ion: 83 Resp: 1133

Ion Ratio Lower Upper

83 100

131 2.6 5.0 15.0#

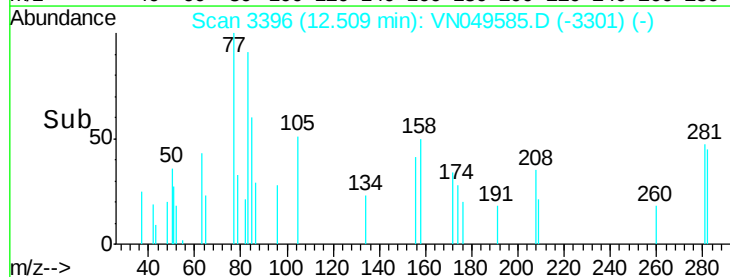
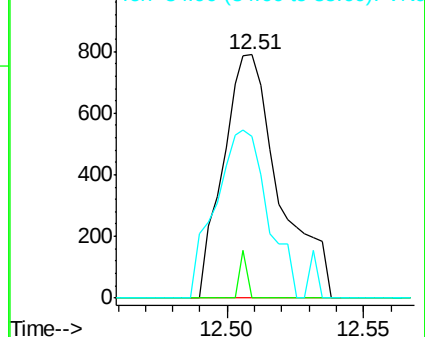
85 63.9 32.0 96.0

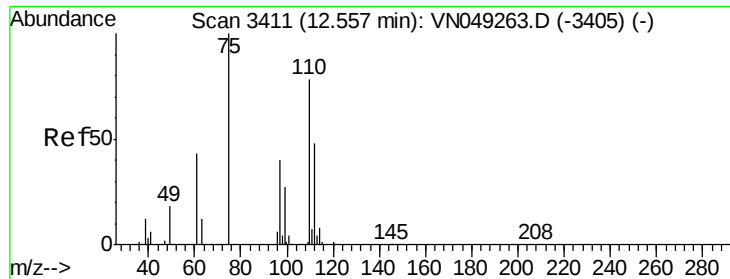


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 34.21 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

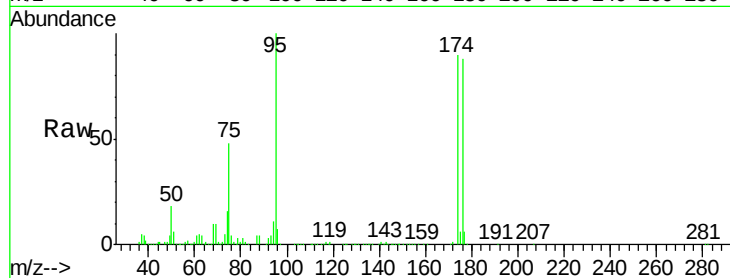
ClientSampleId :

Tot Ion: 75 Resp: 343087

Ion Ratio Lower Upper

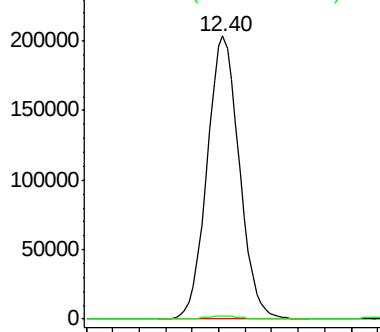
75 100

77 1.3 0.0 0.0#

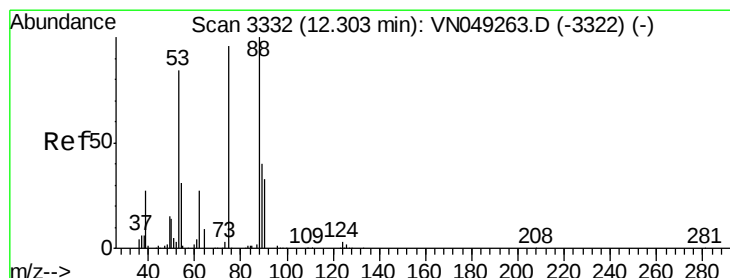
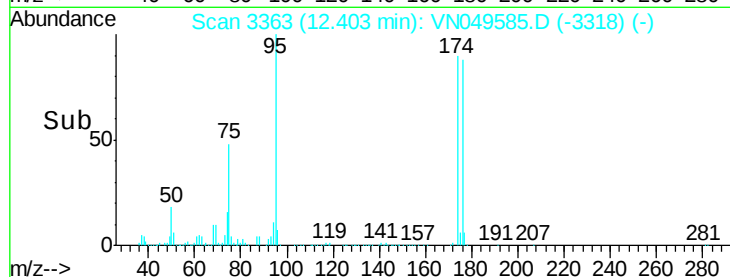


Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC



Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 108.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

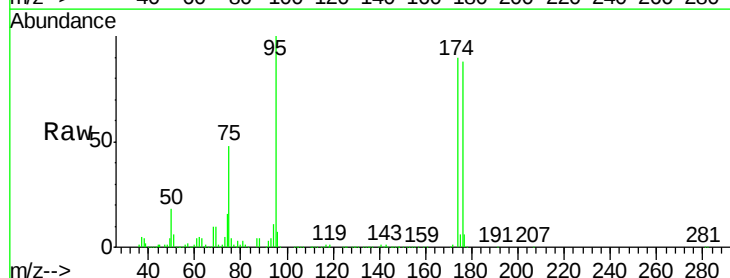
Tgt Ion: 75 Resp: 343087

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

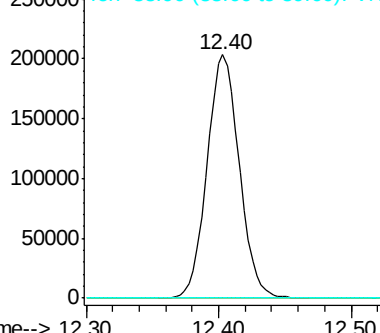
89 0.0 36.5 54.7#



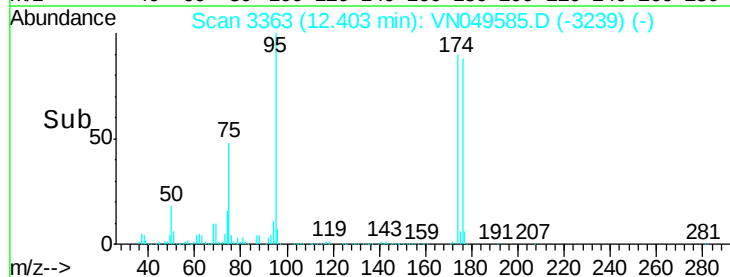
Abundance Ion 74.90 (74.60 to 75.60): VNC

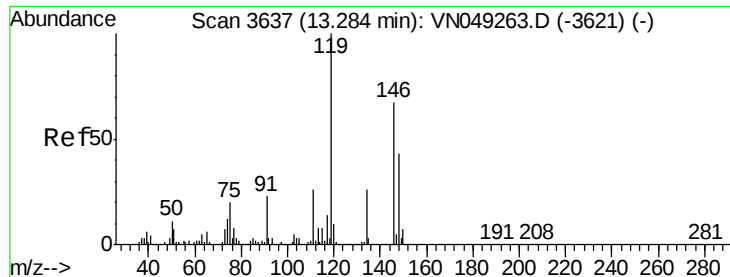
Ion 53.00 (52.70 to 53.70): VNC

Ion 88.90 (88.60 to 89.60): VNC



Time--> 12.30 12.40 12.50





#87

1,3-Dichlorobenzene

Concen: 0.27 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampled :

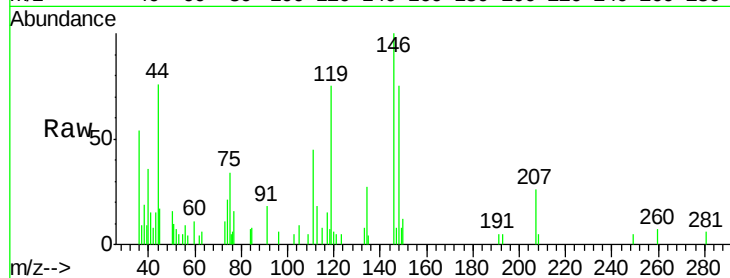
Tot Ion:146 Resp: 6129

Ion Ratio Lower Upper

146 100

111 36.7 19.9 59.6

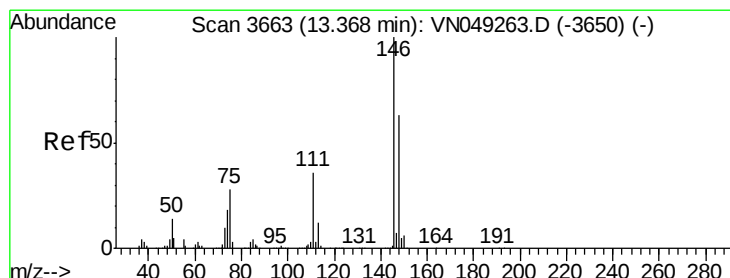
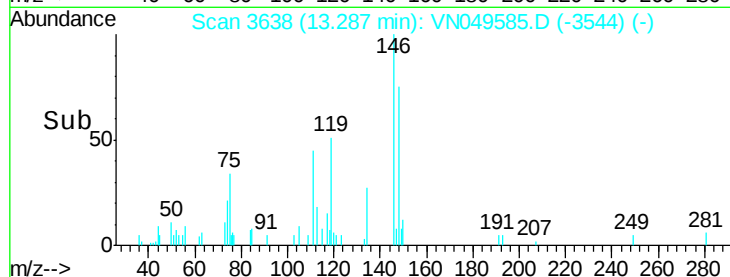
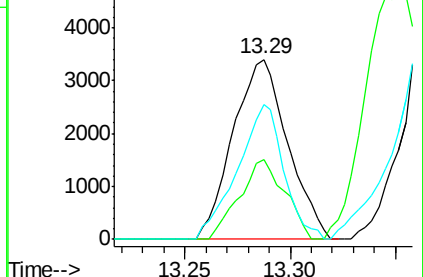
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.28 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. -0.08 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

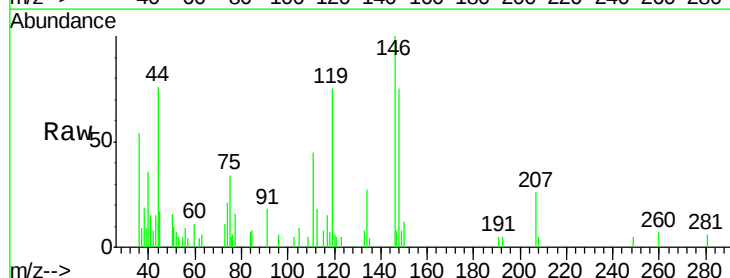
Tgt Ion:146 Resp: 6129

Ion Ratio Lower Upper

146 100

111 36.7 19.1 57.1

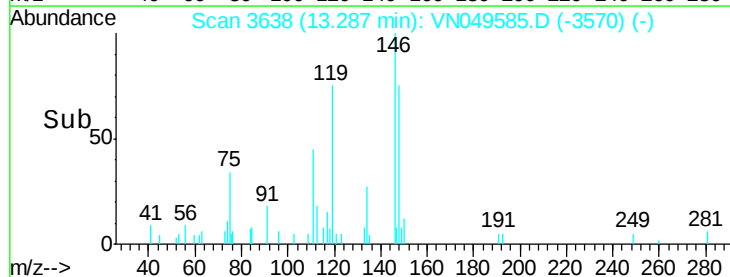
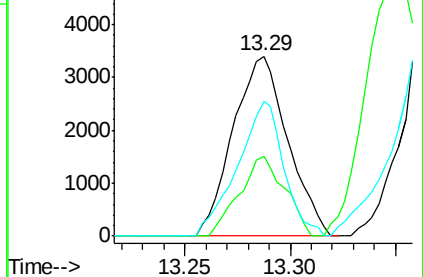
148 63.3 32.0 96.2

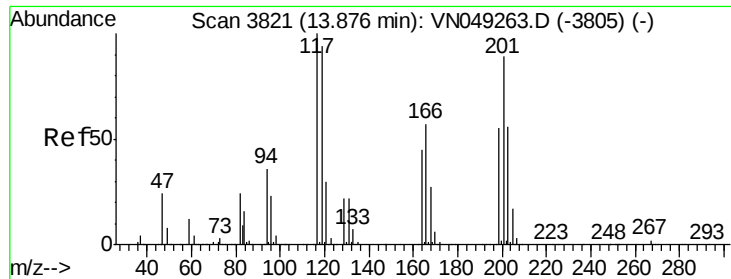


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

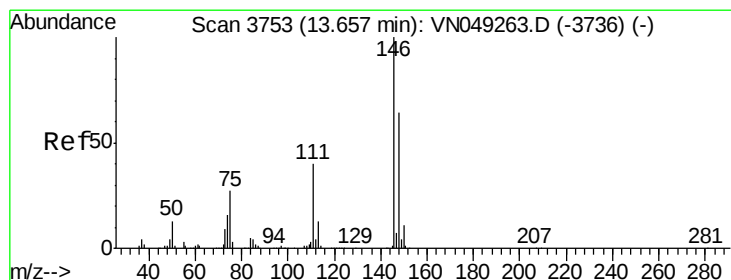
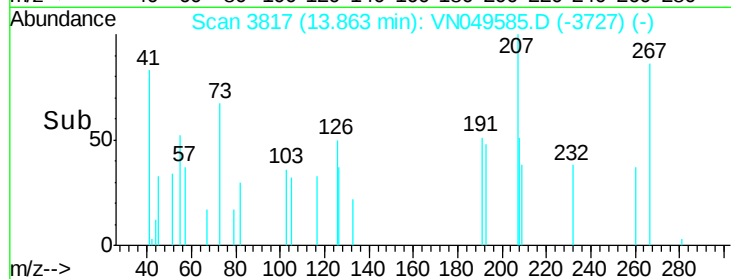
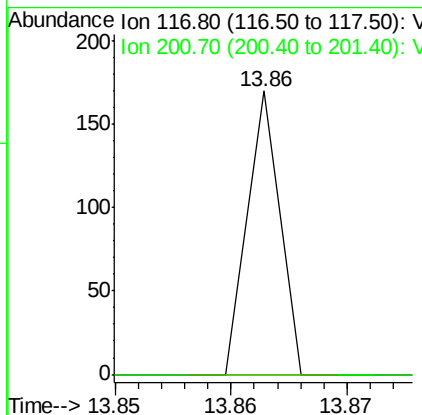
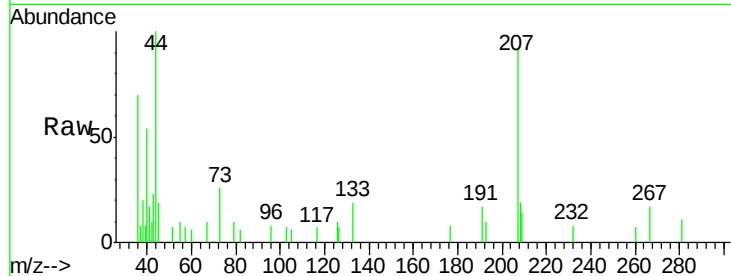




#90
Hexachloroethane
Concen: Below Cal
RT: 13.86 min Scan# 3817
Delta R.T. -0.01 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

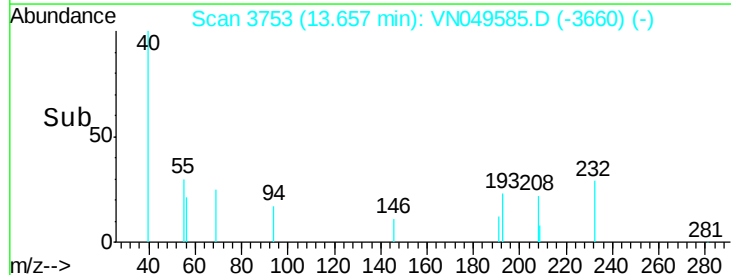
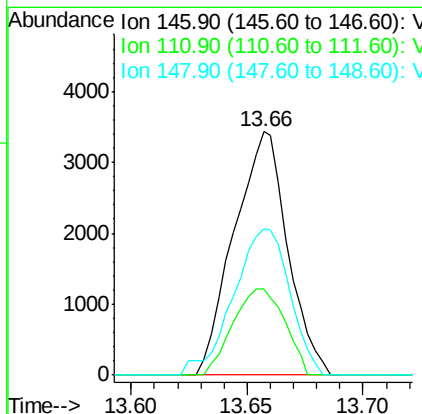
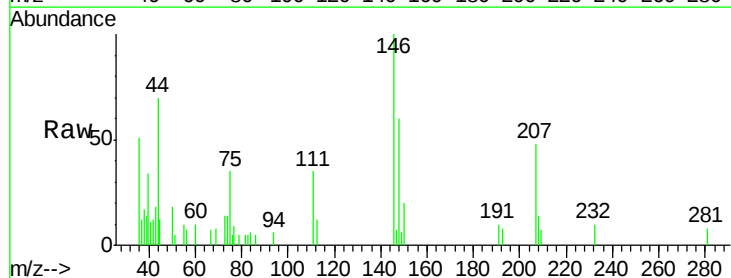
Instrument :
MSVOA_N
ClientSampled :

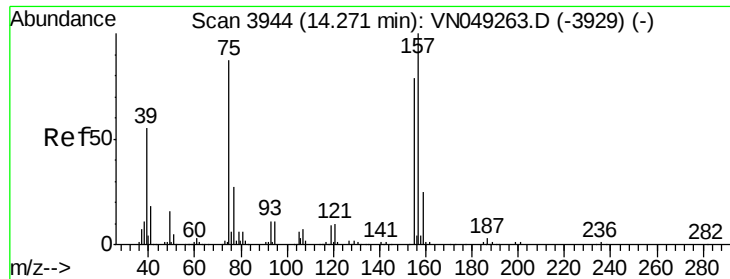
Tot Ion:117 Resp: 33
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.2#



#91
1,2-Dichlorobenzene
Concen: 0.25 ug/l
RT: 13.66 min Scan# 3753
Delta R.T. 0.00 min
Lab File: VN049585.D
Acq: 28 Jun 2018 13:16

Tgt Ion:146 Resp: 5510
Ion Ratio Lower Upper
146 100
111 34.2 20.8 62.2
148 63.1 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.24 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampled :

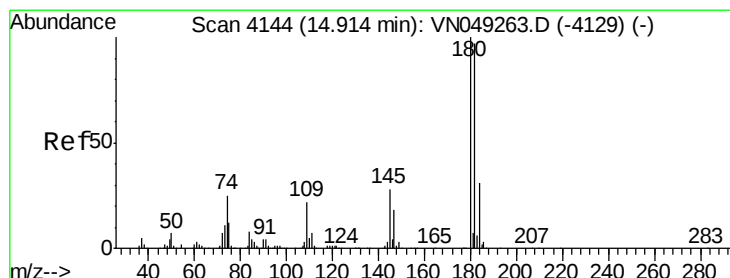
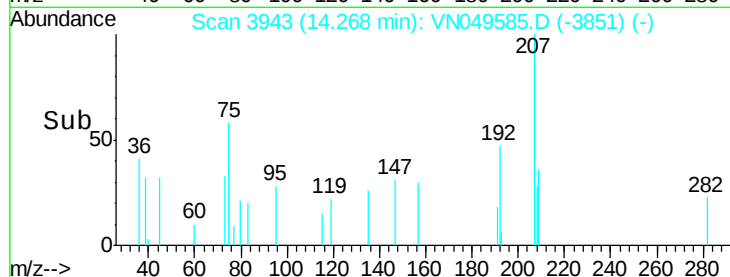
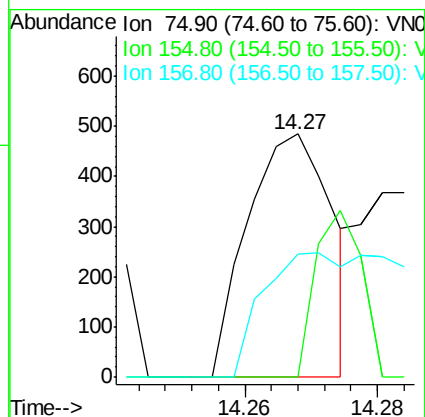
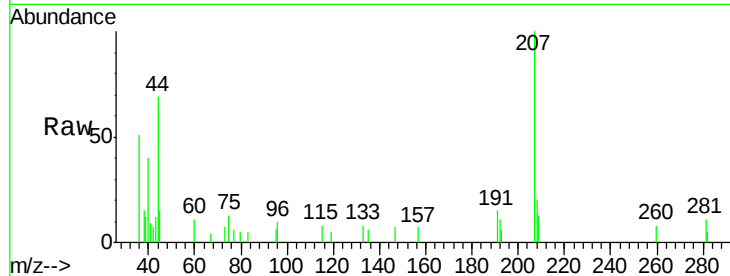
Tot Ion: 75 Resp: 429

Ion Ratio Lower Upper

75 100

155 38.0 38.8 116.3#

157 48.0 51.0 153.1#



#93

1,2,4-Trichlorobenzene

Concen: 5.29 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

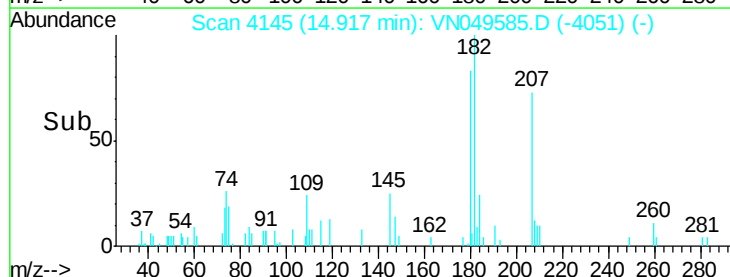
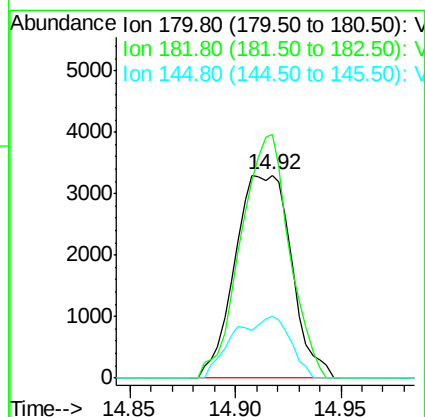
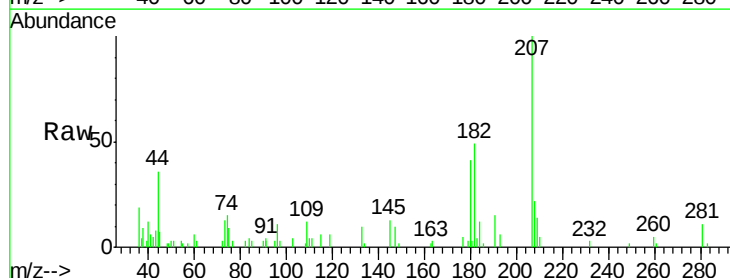
Tgt Ion: 180 Resp: 6131

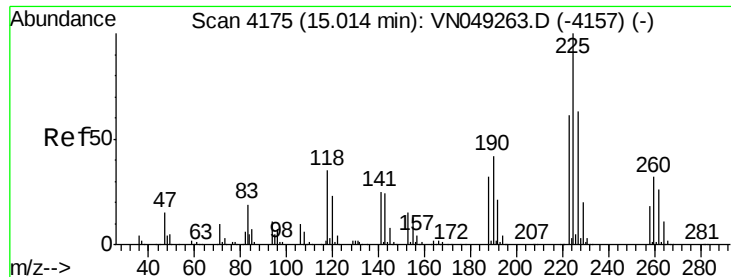
Ion Ratio Lower Upper

180 100

182 103.2 46.9 140.8

145 30.5 14.7 44.1





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

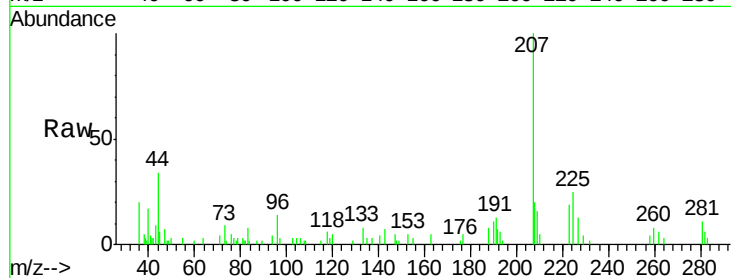
Tot Ion:225 Resp: 3194

Ion Ratio Lower Upper

225 100

223 65.7 32.1 96.3

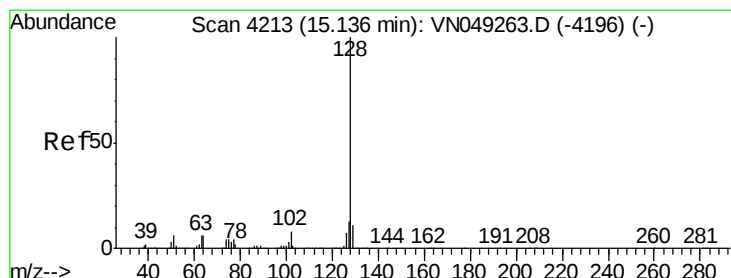
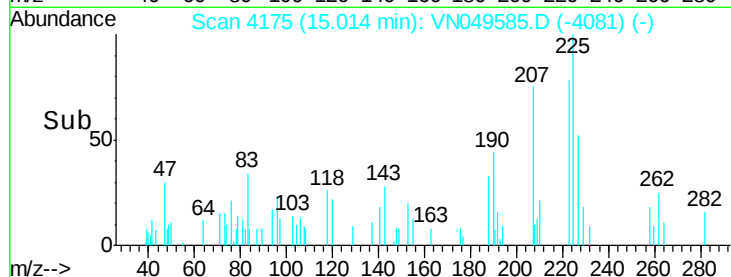
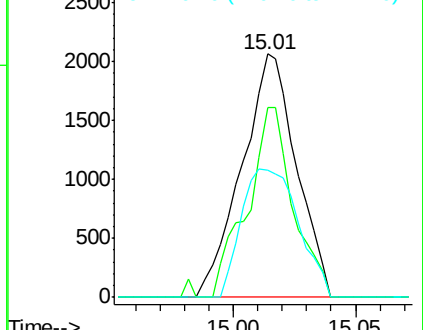
227 55.0 31.8 95.3



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: 3.12 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049585.D

Acq: 28 Jun 2018 13:16

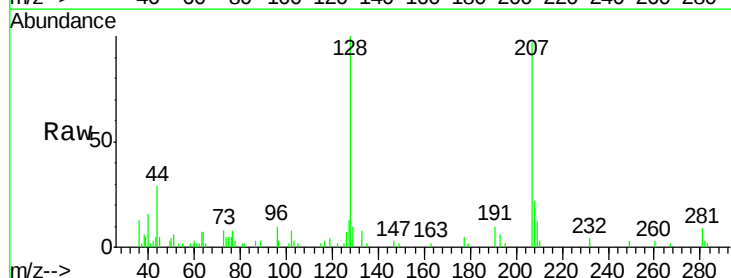
Tgt Ion:128 Resp: 17002

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

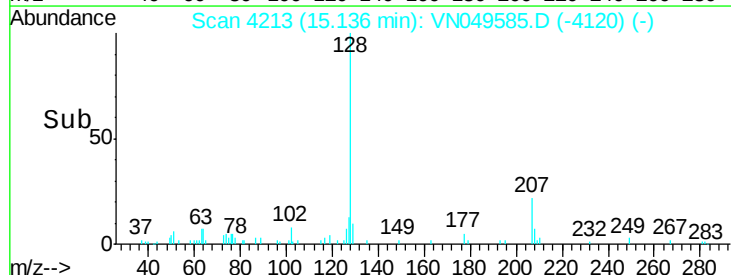
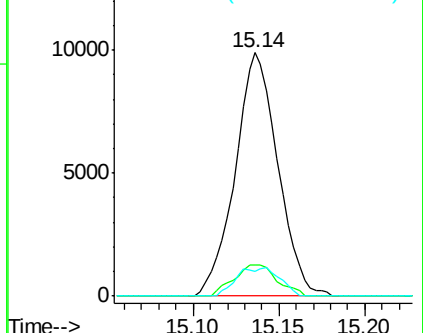
129 11.8 8.5 12.7

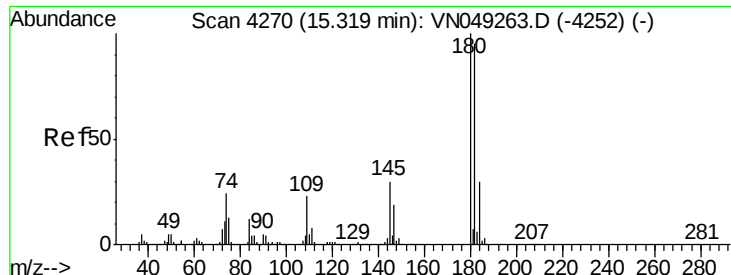


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.16 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049585.D
 Acq: 28 Jun 2018 13:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.1	47.3	141.8
145	32.9	15.6	46.7

