

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049371.D
 Acq On : 19 Jun 2018 4:06
 Operator : MD\SY
 Sample : J3567-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 07:59:34 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	1282840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2048058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1682576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	532583	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	853443	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
35) Dibromofluoromethane	7.59	113	752428	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
50) Toluene-d8	10.09	98	2784227	44.13	ug/l	0.00
Spiked Amount			Recovery	=	88.26%	
62) 4-Bromofluorobenzene	12.41	95	739640	35.45	ug/l	0.00
Spiked Amount			Recovery	=	70.90%	

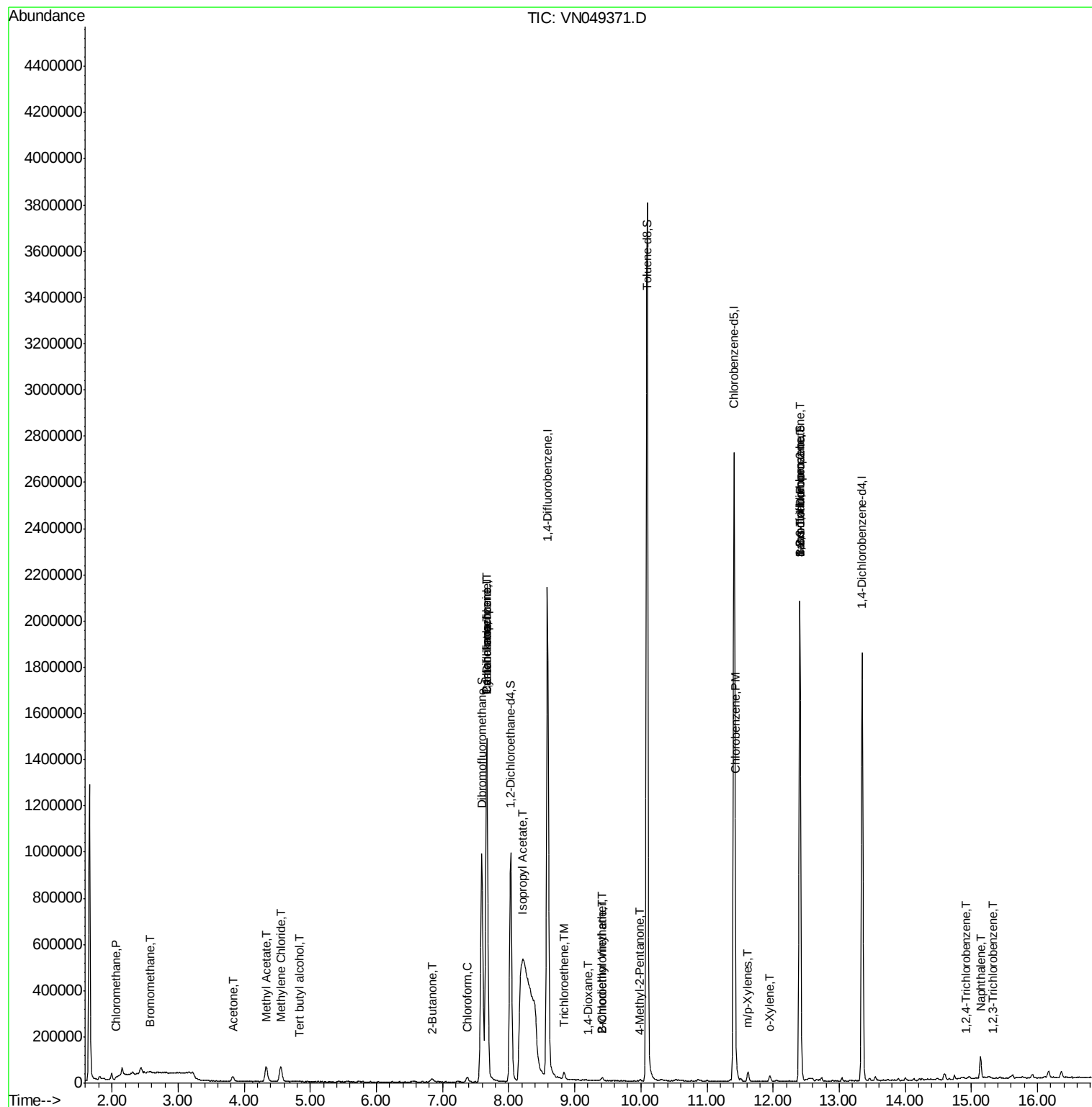
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3830	0.20	ug/l #	69
5) Bromomethane	2.57	94	3123	0.29	ug/l #	74
11) Tert butyl alcohol	4.83	59	805	0.81	ug/l #	92
16) Acetone	3.82	43	33319	8.07	ug/l	96
18) Methyl Acetate	4.33	43	126044	10.01	ug/l	98
20) Methylene Chloride	4.55	84	47790	2.77	ug/l	88
25) 2-Butanone	6.85	43	9181	1.66	ug/l	91
30) Chloroform	7.38	83	22048	0.75	ug/l	93
31) Cyclohexane	7.67	56	25687	0.85	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	87465	3.73	ug/l #	50
38) Carbon Tetrachloride	7.67	117	115937	4.77	ug/l #	18
43) Isopropyl Acetate	8.21	43	630177	25.85	ug/l #	64
44) Trichloroethene	8.84	130	11471	0.60	ug/l	89
47) Bromodichloromethane	9.41	83	7577	0.32	ug/l #	95
49) 1,4-Dioxane	9.21	88	317	2.00	ug/l #	23
51) 4-Methyl-2-Pentanone	9.98	43	3108	0.24	ug/l #	83
58) 2-Chloroethyl Vinyl ether	9.41	63	29	14.33	ug/l #	51
65) Chlorobenzene	11.44	112	14877	0.34	ug/l	94
68) m/p-Xylenes	11.62	106	11790	0.44	ug/l	94
69) o-Xylene	11.95	106	5691	0.22	ug/l	86
71) Bromoform	12.40	173	4075	0.39	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	74	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	360573	39.68	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	360573	125.41	ug/l #	9
90) Hexachloroethane	13.89	117	503	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.92	180	715	4.81	ug/l #	57
95) Naphthalene	15.14	128	80673	7.46	ug/l	98
96) 1,2,3-Trichlorobenzene	15.33	180	278	3.49	ug/l #	1

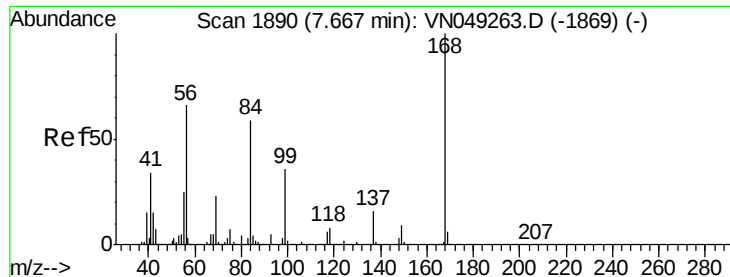
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

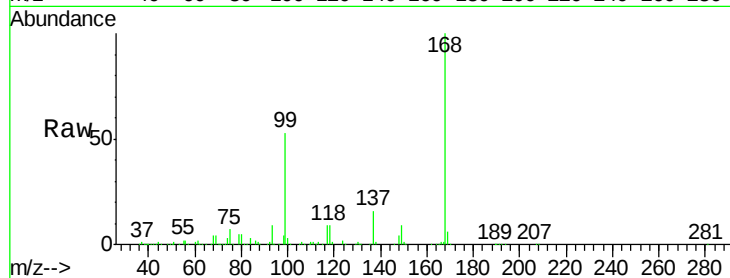
ClientSampleId :

Tot Ion:168 Resp: 1282840

Ion Ratio Lower Upper

168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

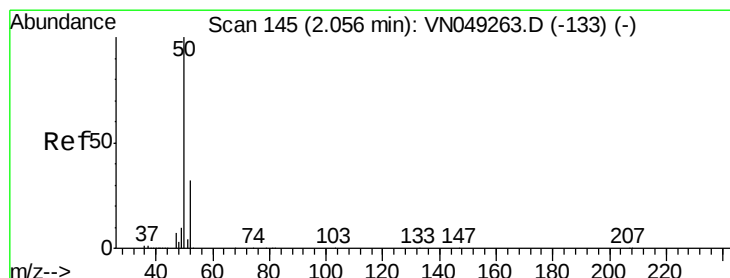
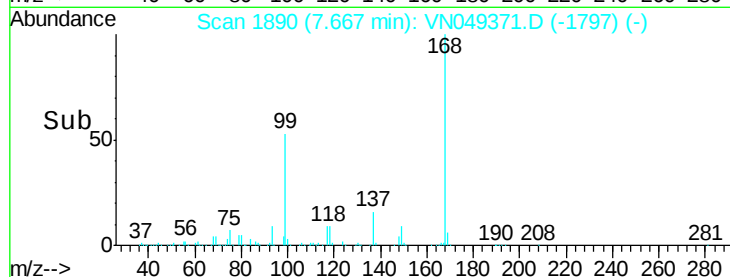
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049371.D

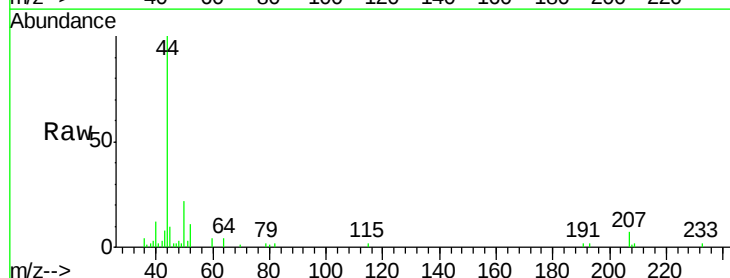
Acq: 19 Jun 2018 4:06

Tgt Ion: 50 Resp: 3830

Ion Ratio Lower Upper

50 100

52 48.6 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

2500

2000

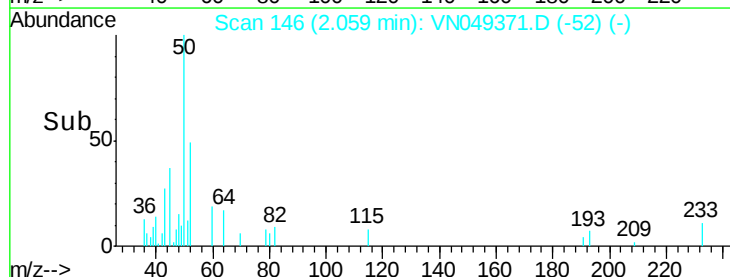
1500

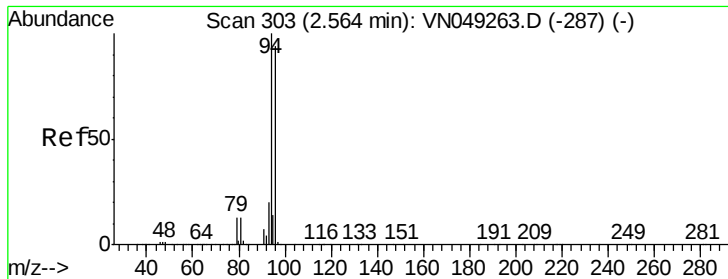
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.29 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

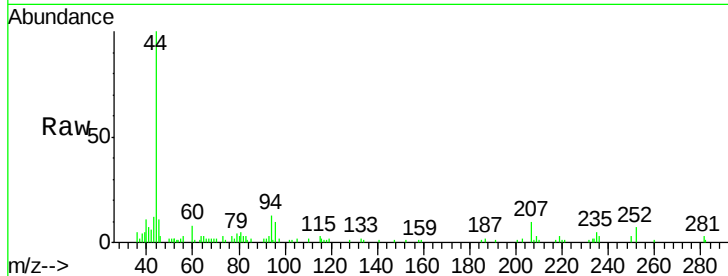
ClientSampled :

Tot Ion: 94 Resp: 3123

Ion Ratio Lower Upper

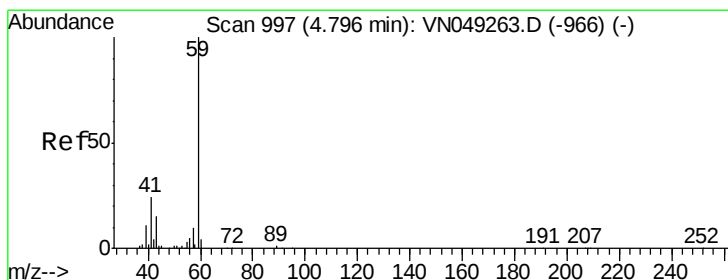
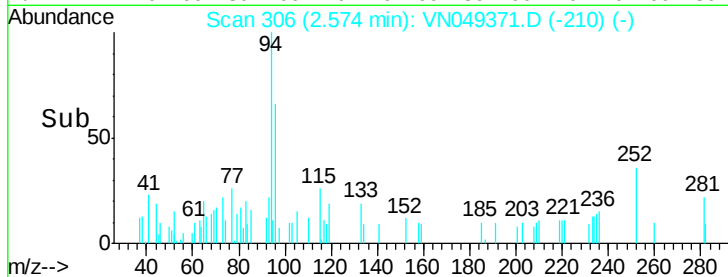
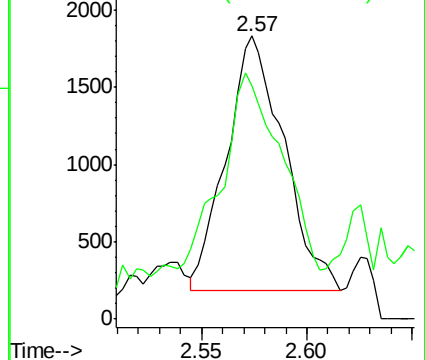
94 100

96 66.3 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: 0.81 ug/l

RT: 4.83 min Scan# 1008

Delta R.T. 0.04 min

Lab File: VN049371.D

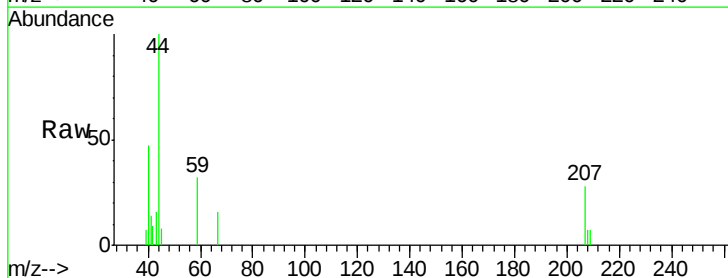
Acq: 19 Jun 2018 4:06

Tgt Ion: 59 Resp: 805

Ion Ratio Lower Upper

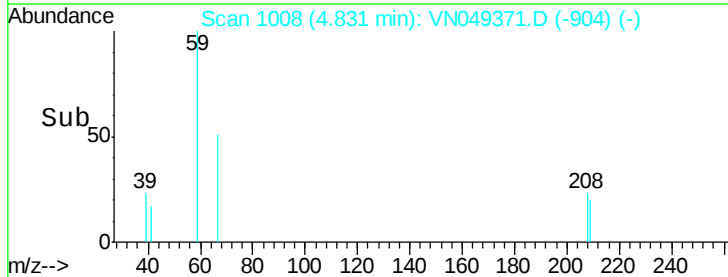
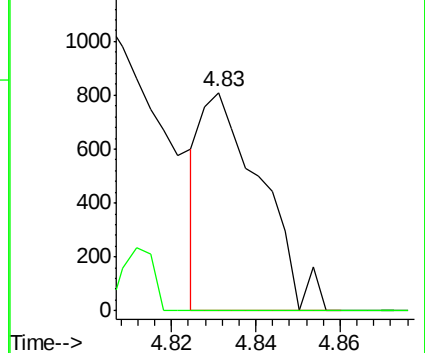
59 100

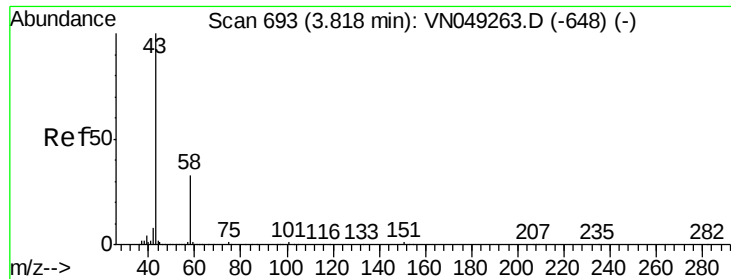
57 14.4 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 8.07 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

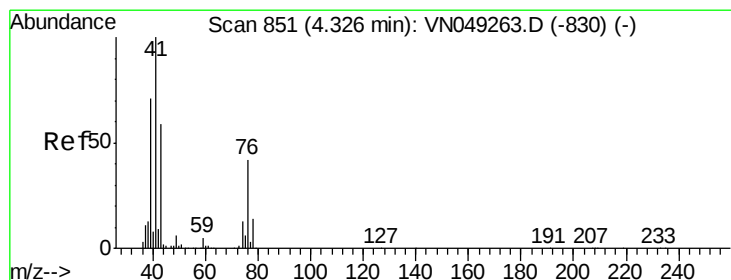
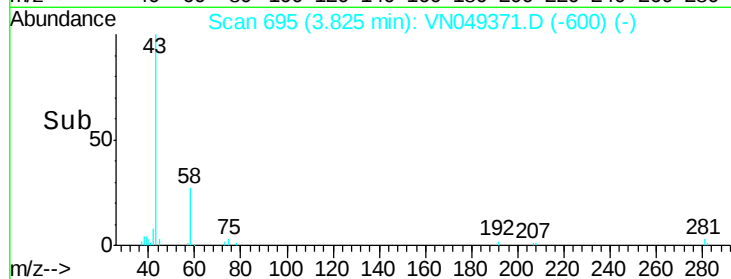
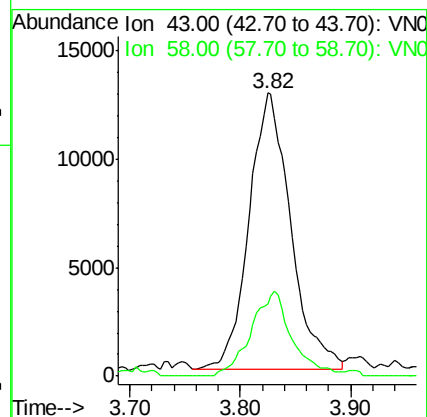
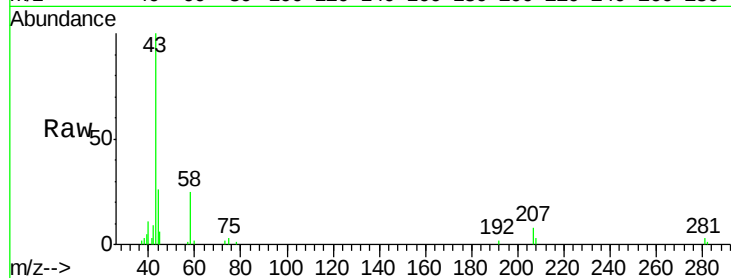
ClientSampled :

Tot Ion: 43 Resp: 33319

Ion Ratio Lower Upper

43 100

58 26.1 22.4 33.6



#18

Methyl Acetate

Concen: 10.01 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049371.D

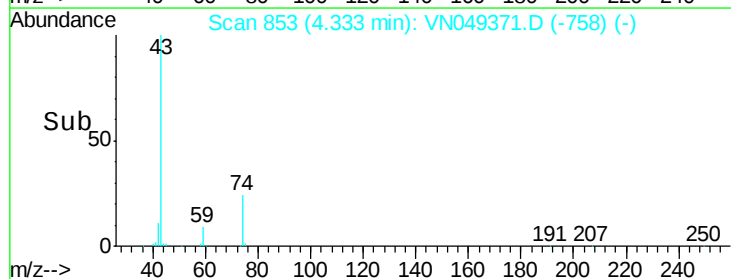
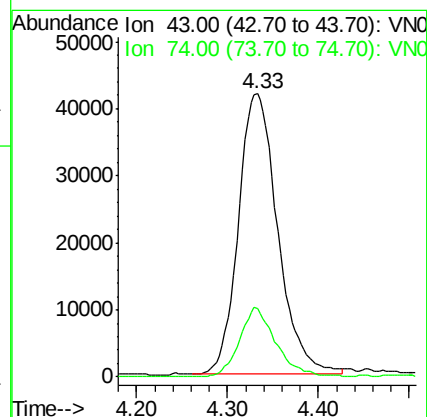
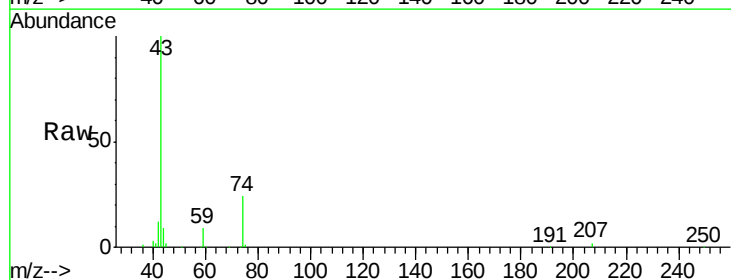
Acq: 19 Jun 2018 4:06

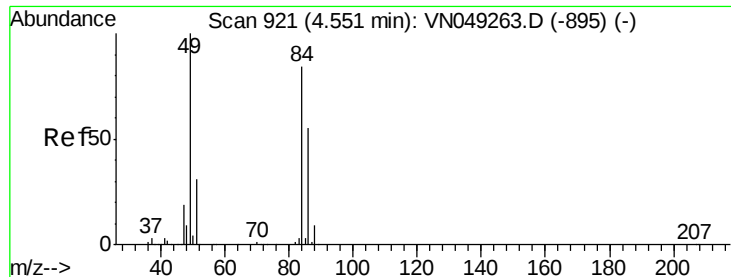
Tgt Ion: 43 Resp: 126044

Ion Ratio Lower Upper

43 100

74 22.7 17.4 26.0

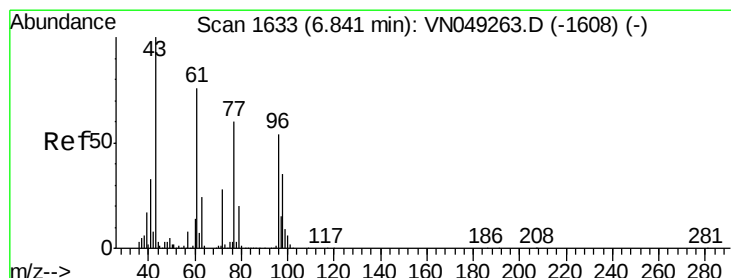
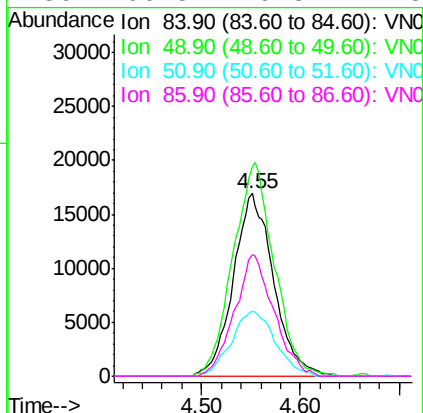
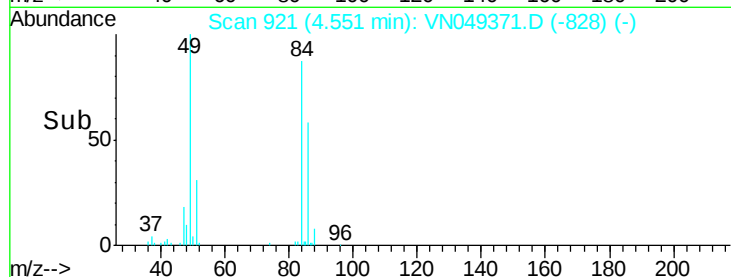
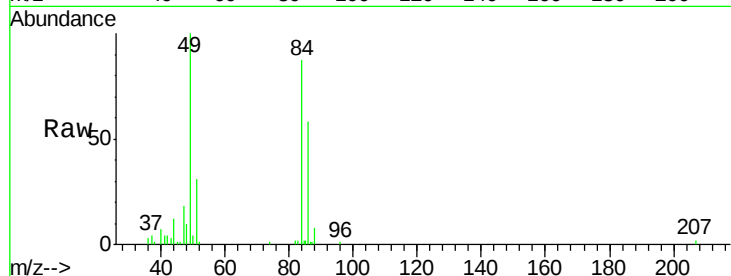




#20
Methvlene Chloride
Concen: 2.77 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

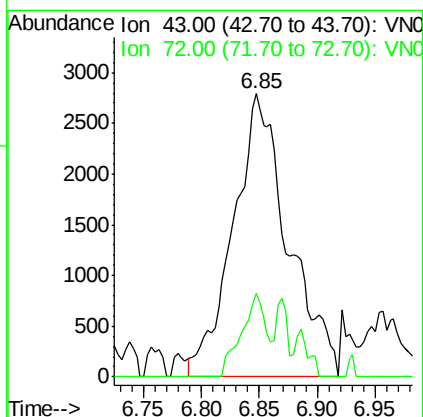
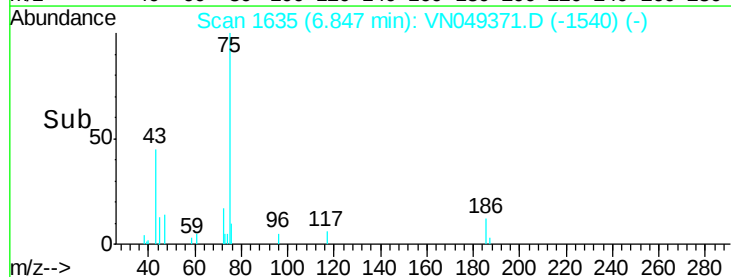
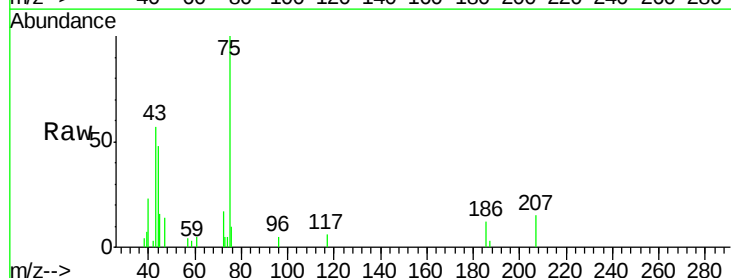
Instrument :
MSVOA_N
ClientSampled :

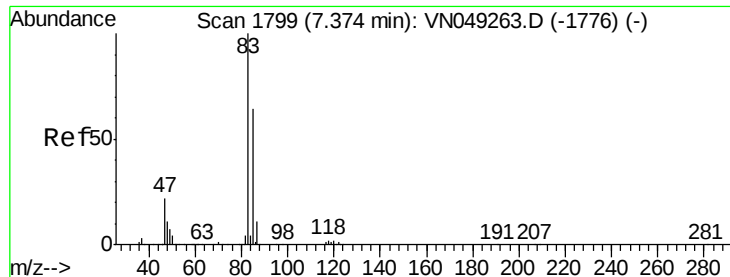
Tot Ion: 84 Resp: 47790
Ion Ratio Lower Upper
84 100
49 114.8 106.9 160.3
51 35.7 32.7 49.1
86 66.8 49.8 74.8



#25
2-Butanone
Concen: 1.66 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Tgt Ion: 43 Resp: 9181
Ion Ratio Lower Upper
43 100
72 29.6 20.2 30.2

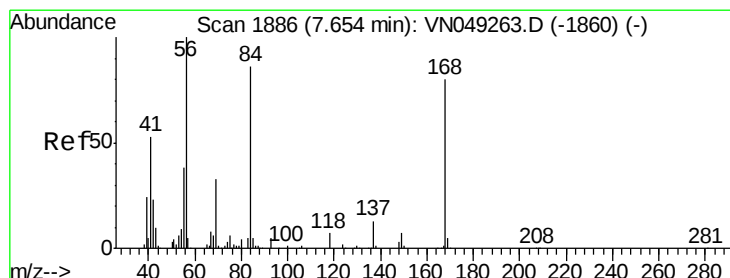
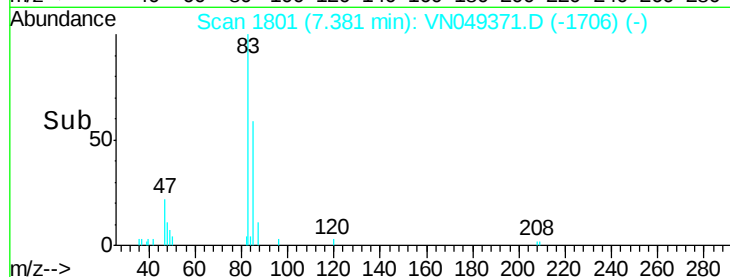
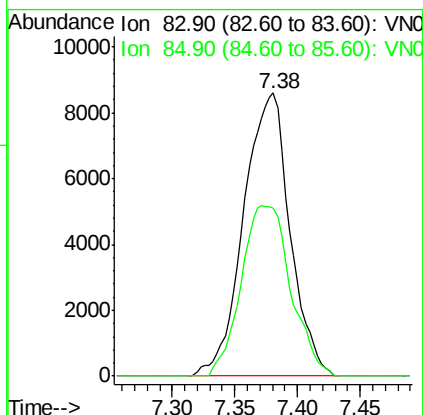
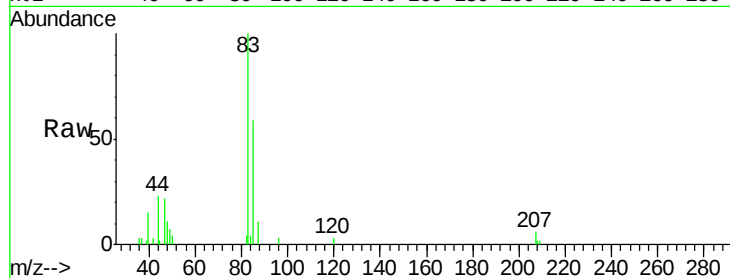




#30
Chloroform
Concen: 0.75 ug/l
RT: 7.38 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

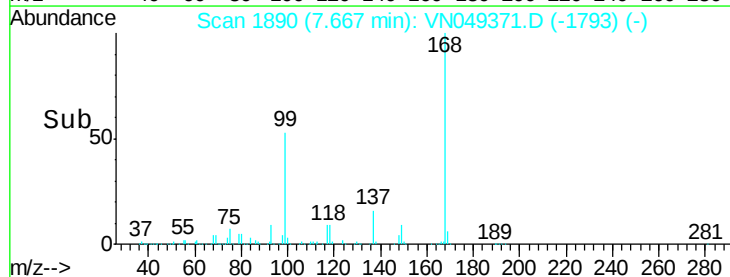
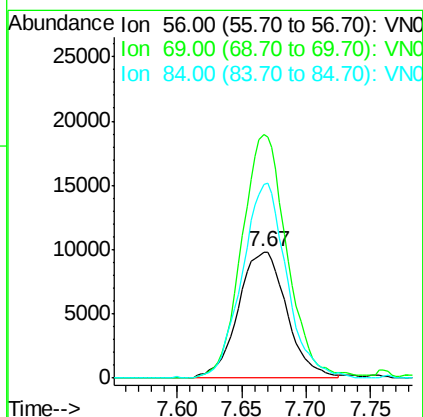
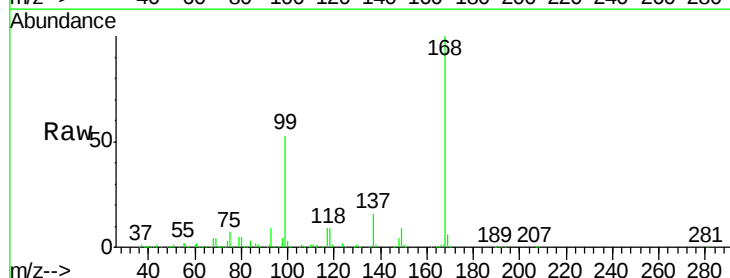
Instrument :
MSVOA_N
ClientSampleId :

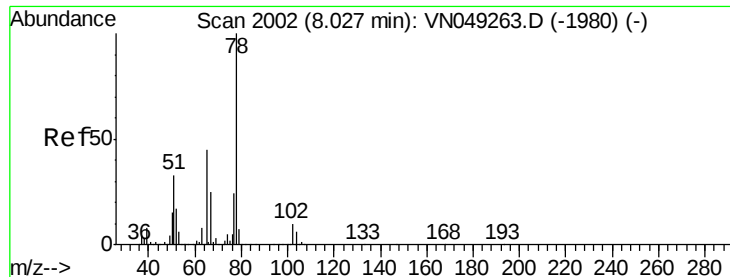
Tot Ion: 83 Resp: 22048
Ion Ratio Lower Upper
83 100
85 59.3 51.7 77.5



#31
Cyclohexane
Concen: 0.85 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Tgt Ion: 56 Resp: 25687
Ion Ratio Lower Upper
56 100
69 192.7 25.0 37.4#
84 153.2 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 50.16 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

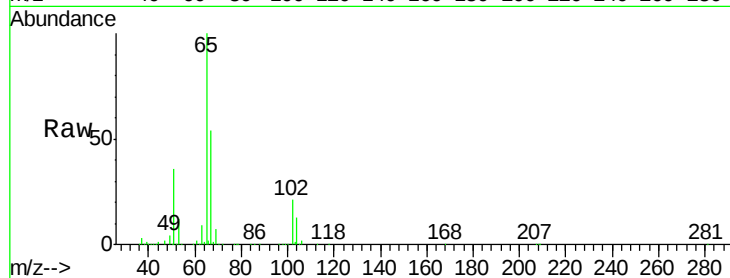
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 853443

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049371.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049371.D (-1909) (-)

8.03

400000

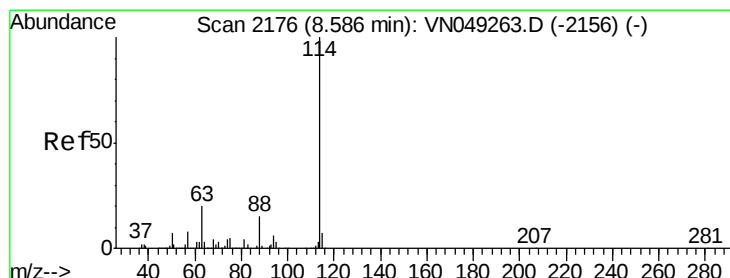
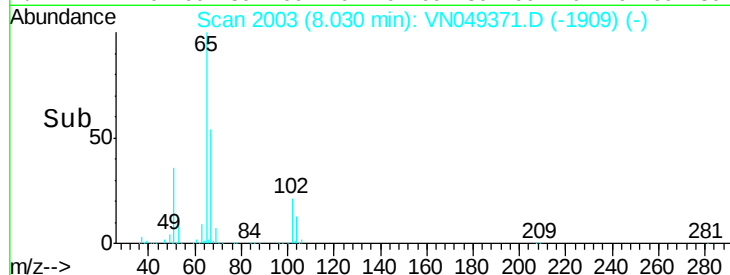
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

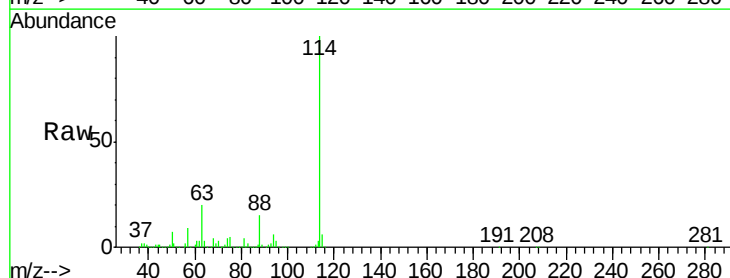
Tgt Ion: 114 Resp: 2048058

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.4

88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049371.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049371.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049371.D (-2083) (-)

8.59

1200000

1000000

800000

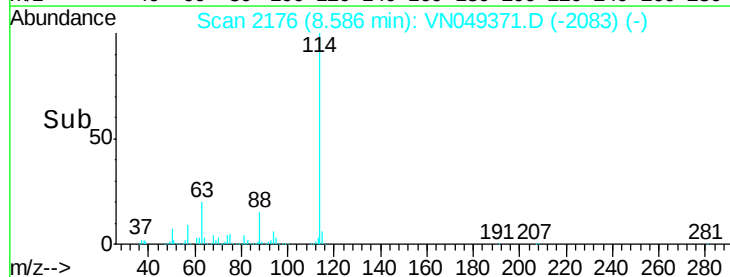
600000

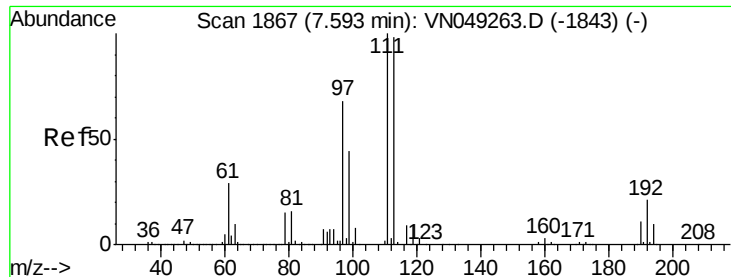
400000

200000

0

Time-->

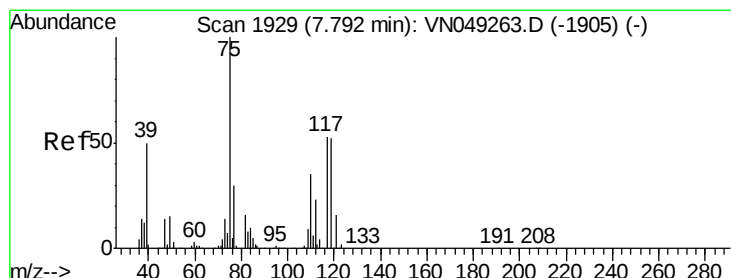
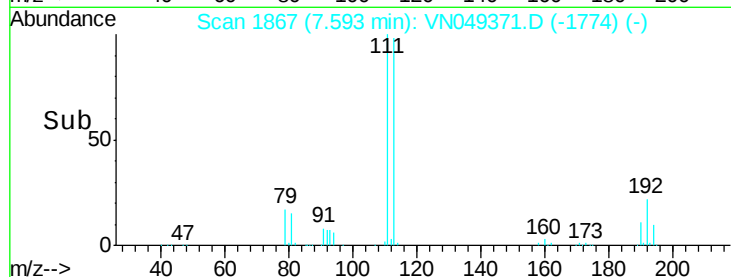
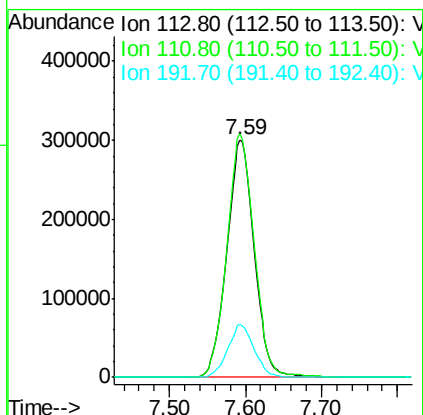
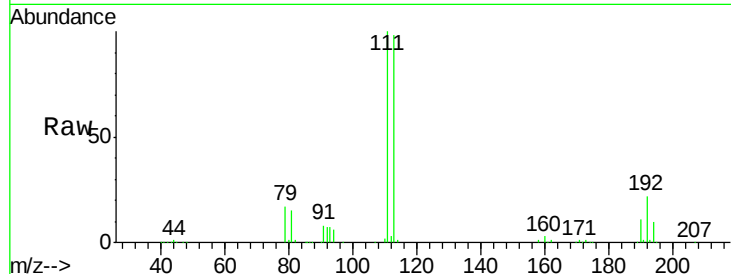




#35
 Dibromofluoromethane
 Concen: 45.41 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049371.D
 Acq: 19 Jun 2018 4:06

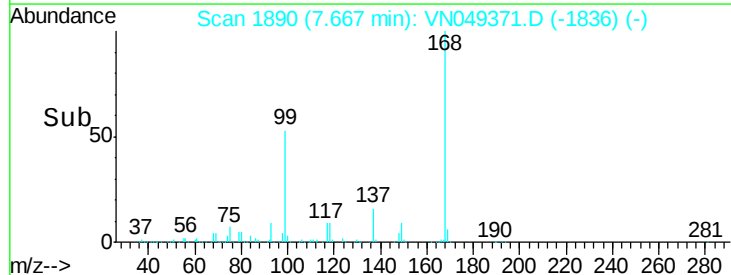
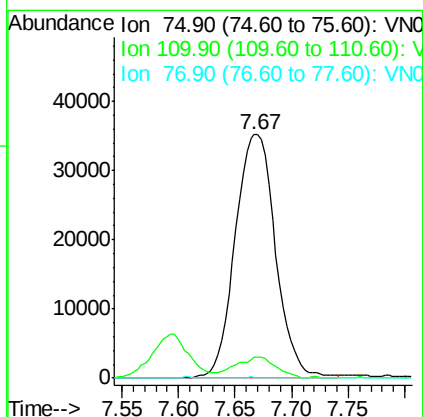
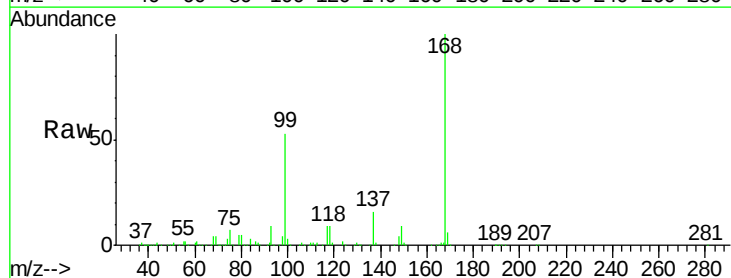
Instrument :
 MSVOA_N
 ClientSampleId :

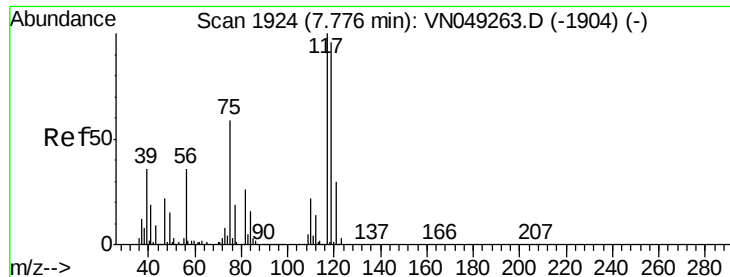
Tot Ion:113 Resp: 752428
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 21.6 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.73 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049371.D
 Acq: 19 Jun 2018 4:06

Tgt Ion: 75 Resp: 87465
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.0 50.9#
 77 0.0 24.4 36.6#

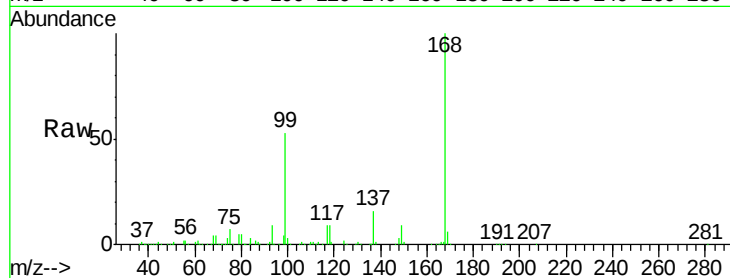




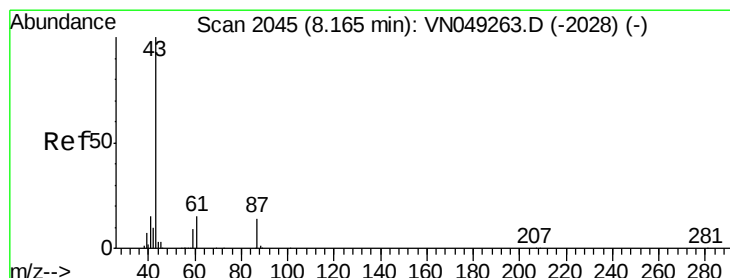
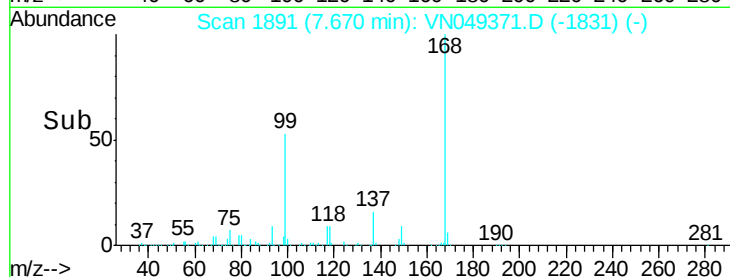
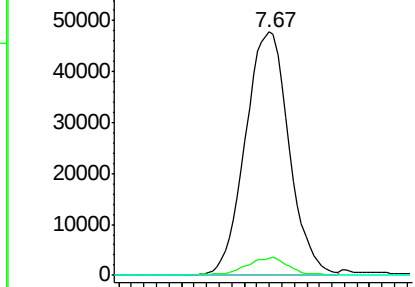
#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 115937
Ion Ratio Lower Upper
117 100
119 7.2 75.6 113.4#
121 0.0 24.7 37.1#

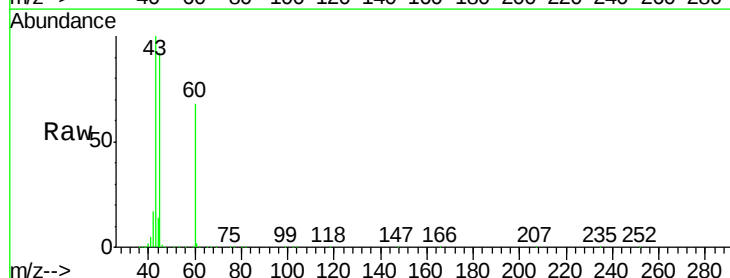


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

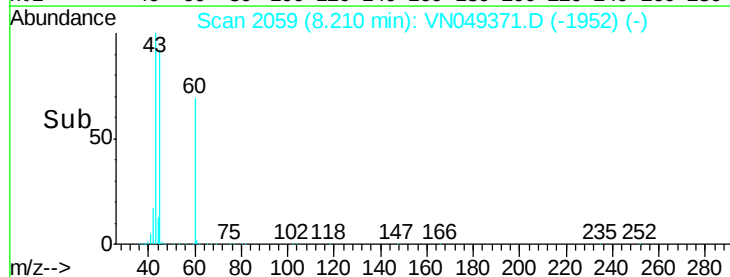
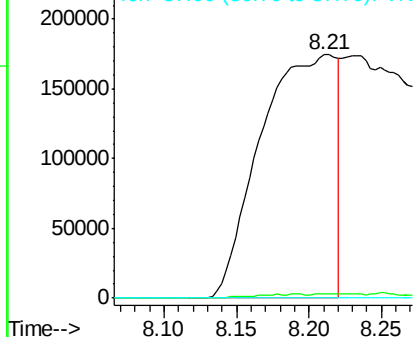


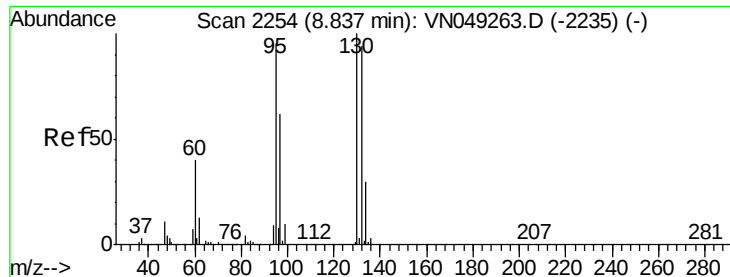
#43
Isopropyl Acetate
Concen: 25.85 ug/l
RT: 8.21 min Scan# 2059
Delta R.T. 0.05 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Tgt Ion: 43 Resp: 630177
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): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 0.60 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

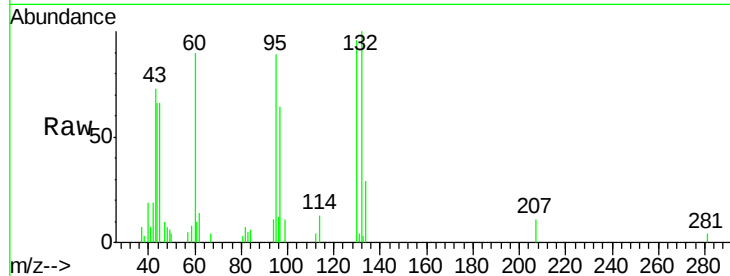
ClientSampleId :

Tot Ion:130 Resp: 11471

Ion Ratio Lower Upper

130 100

95 93.2 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO

8.84

6000

5000

4000

3000

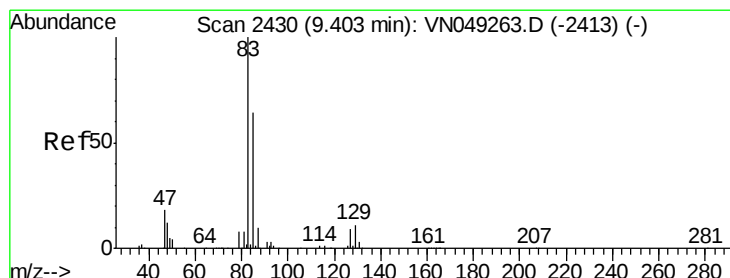
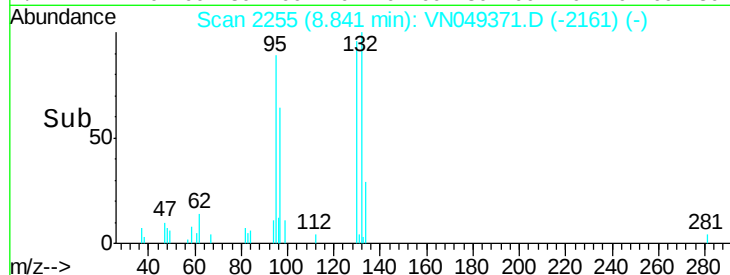
2000

1000

0

8.80 8.85 8.90

Time-->



#47

Bromodichloromethane

Concen: 0.32 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. 0.01 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

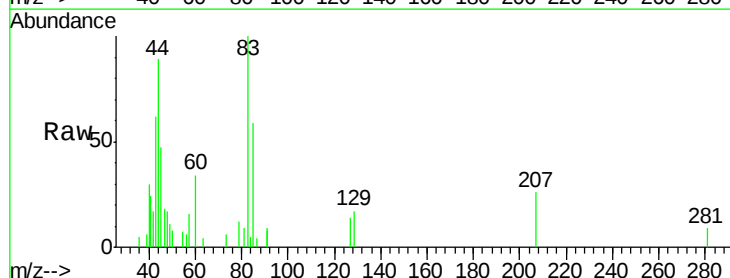
Tgt Ion: 83 Resp: 7577

Ion Ratio Lower Upper

83 100

85 59.1 49.4 74.0

127 14.3 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO

9.41

4000

3000

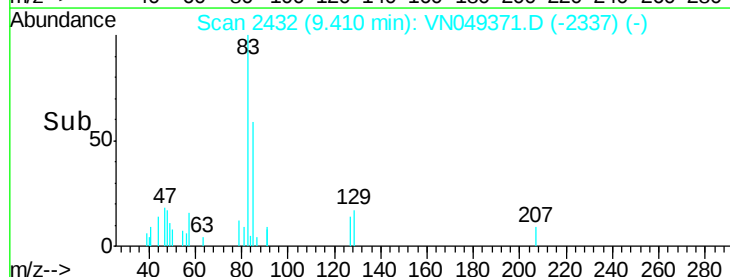
2000

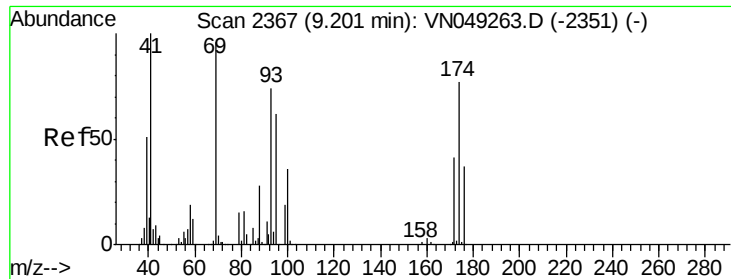
1000

0

9.35 9.40 9.45

Time-->

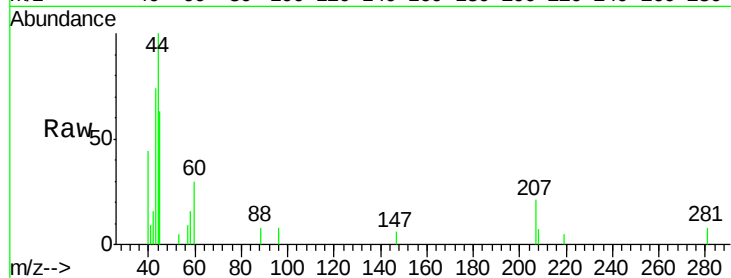




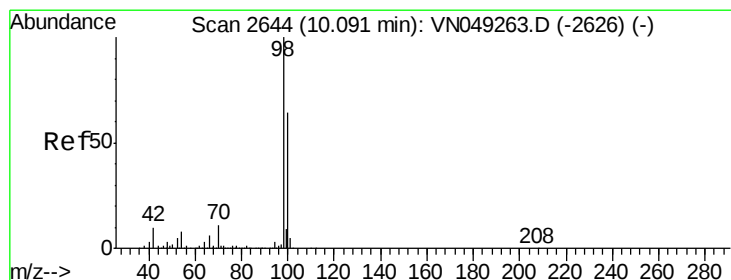
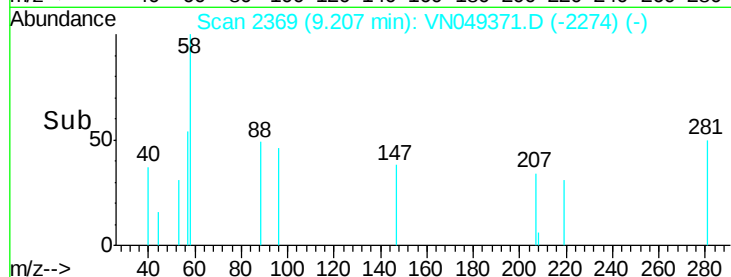
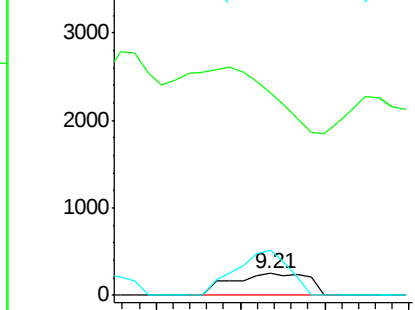
#49
1,4-Dioxane
Concen: 2.00 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.01 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 317
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 143.8 58.9 88.3#

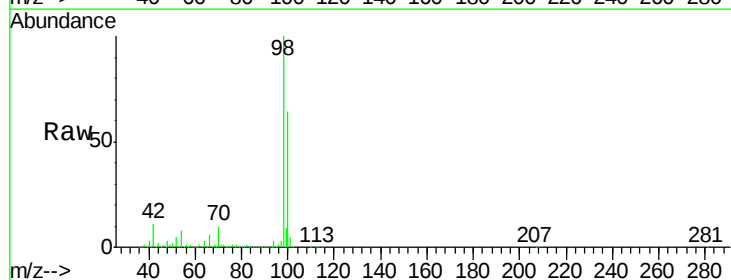


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

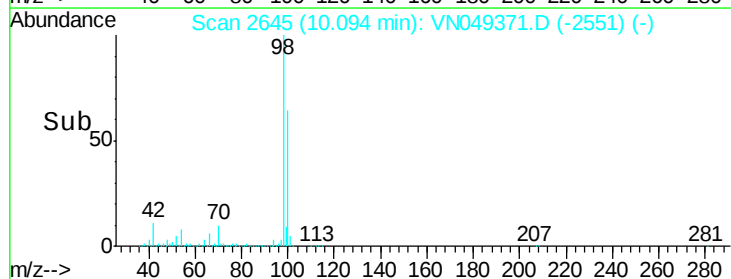
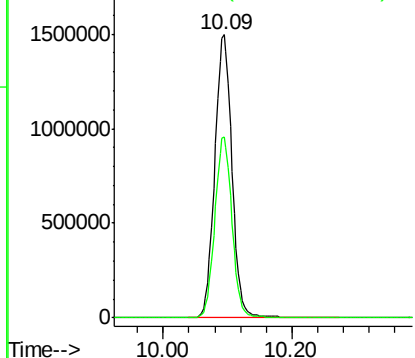


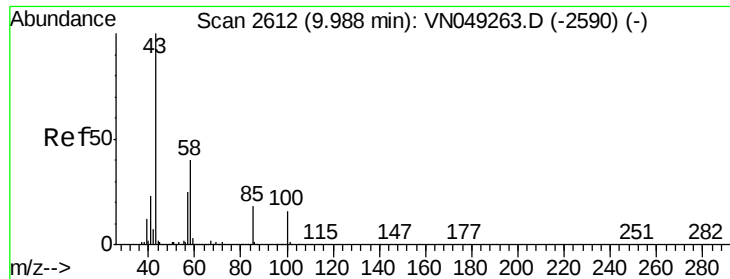
#50
Toluene-d8
Concen: 44.13 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Tgt Ion: 98 Resp: 2784227
Ion Ratio Lower Upper
98 100
100 63.7 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: 0.24 ug/l

RT: 9.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

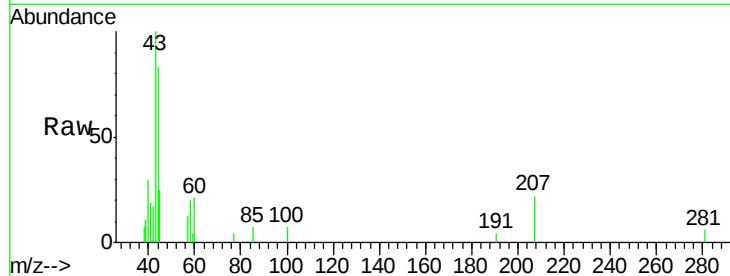
ClientSampled :

Tot Ion: 43 Resp: 3108

Ion Ratio Lower Upper

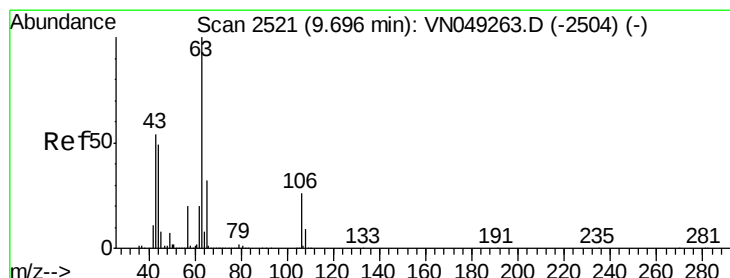
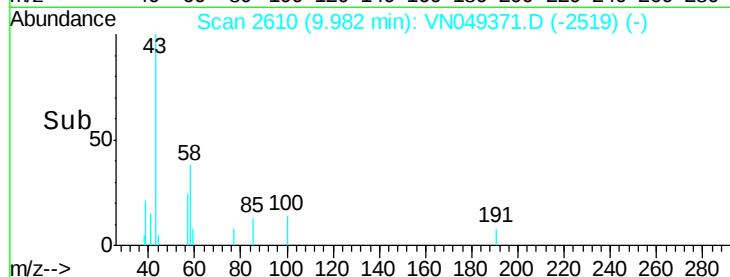
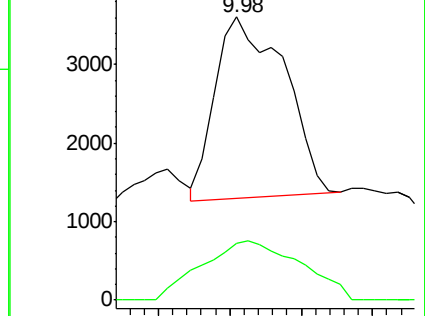
43 100

58 46.6 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049371.D (-2519) (-)

Ion 58.00 (57.70 to 58.70): VN049371.D (-2519) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.41 min Scan# 2432

Delta R.T. -0.29 min

Lab File: VN049371.D

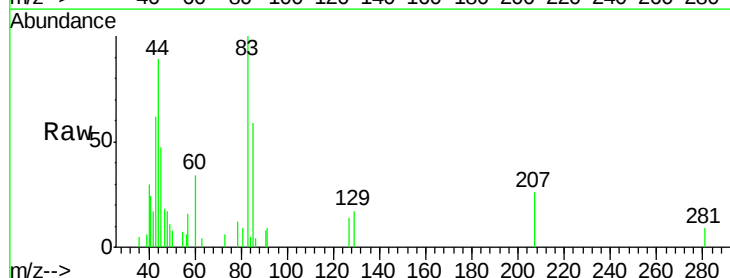
Acq: 19 Jun 2018 4:06

Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

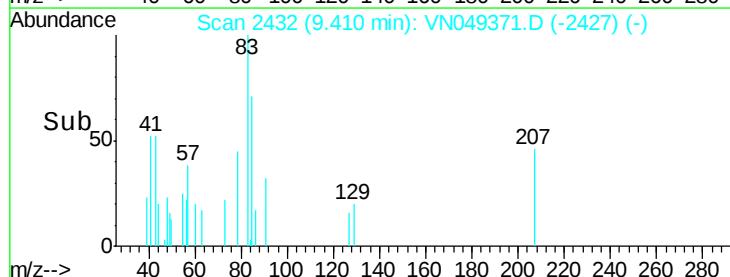
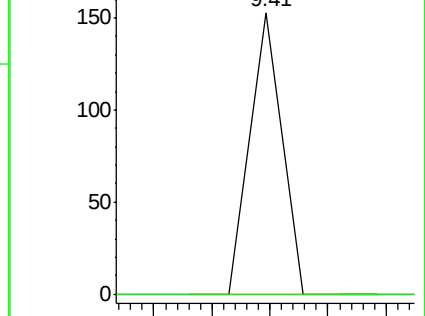
63 100

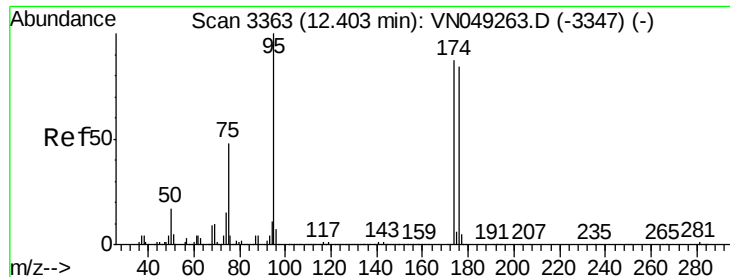
106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049371.D (-2427) (-)

Ion 105.90 (105.60 to 106.60): VN049371.D (-2427) (-)





#62

4-Bromofluorobenzene

Concen: 35.45 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

ClientSampled :

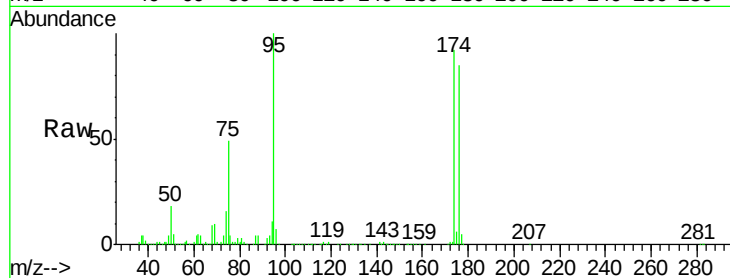
Tot Ion: 95 Resp: 739640

Ion Ratio Lower Upper

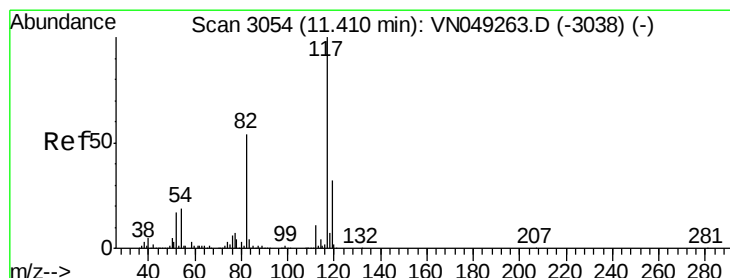
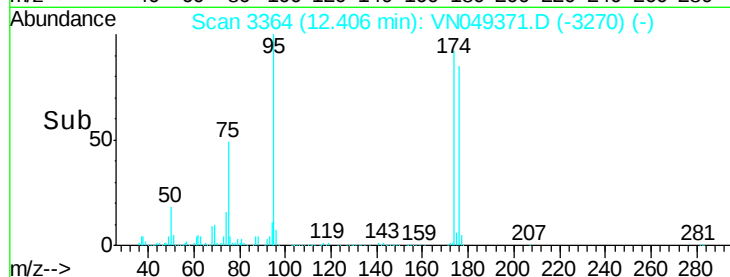
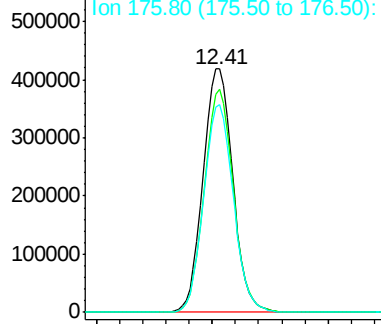
95 100

174 89.6 0.0 165.6

176 85.0 0.0 157.4



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

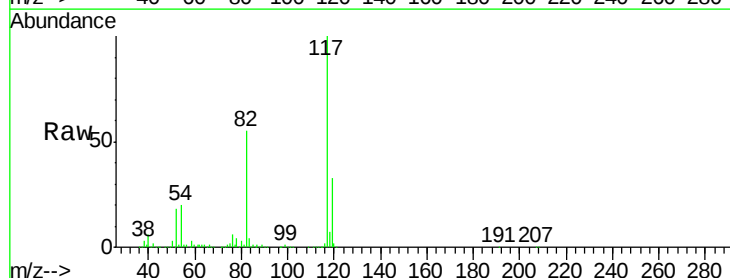
Tgt Ion: 117 Resp: 1682576

Ion Ratio Lower Upper

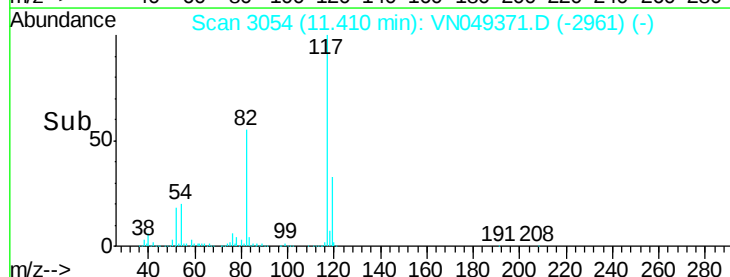
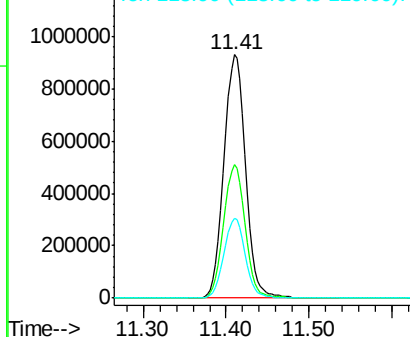
117 100

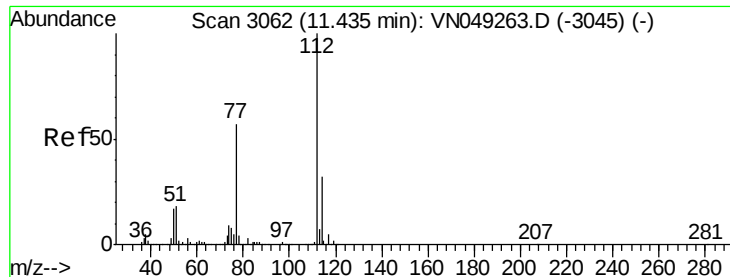
82 54.7 45.9 68.9

119 32.9 25.5 38.3



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





#65

Chlorobenzene

Concen: 0.34 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

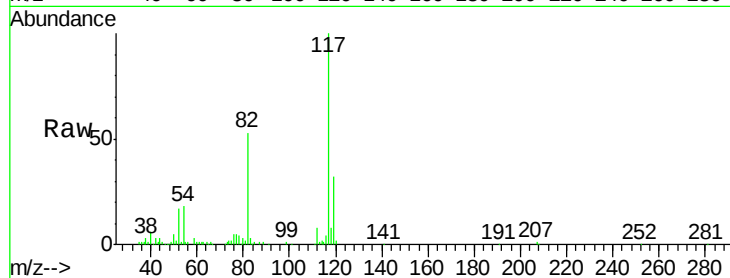
ClientSampleId :

Tot Ion:112 Resp: 14877

Ion Ratio Lower Upper

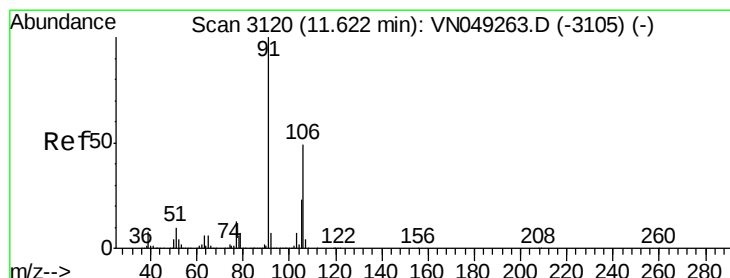
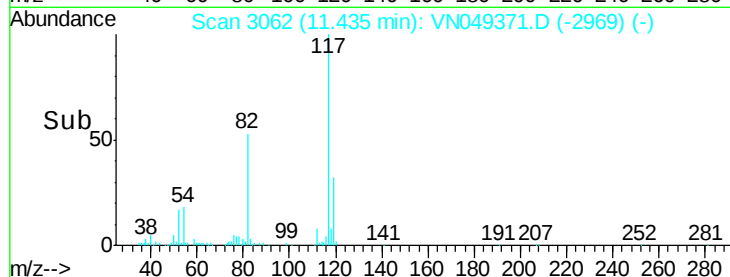
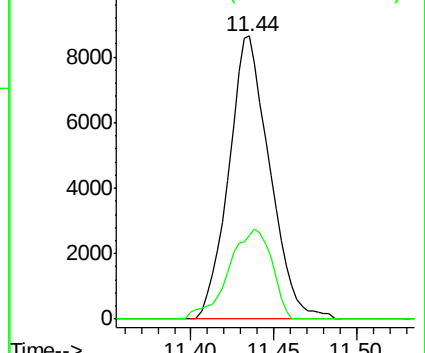
112 100

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



#68

m/p-Xylenes

Concen: 0.44 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. -0.01 min

Lab File: VN049371.D

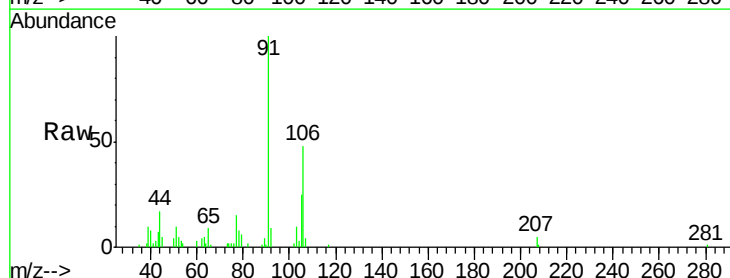
Acq: 19 Jun 2018 4:06

Tgt Ion:106 Resp: 11790

Ion Ratio Lower Upper

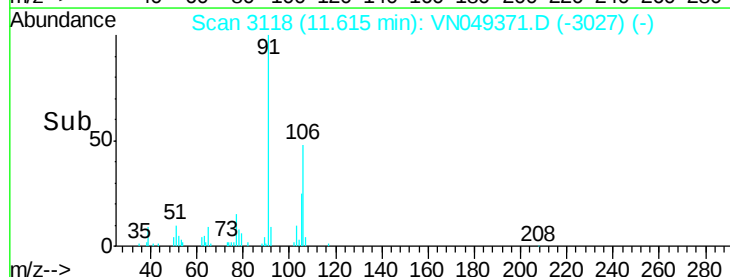
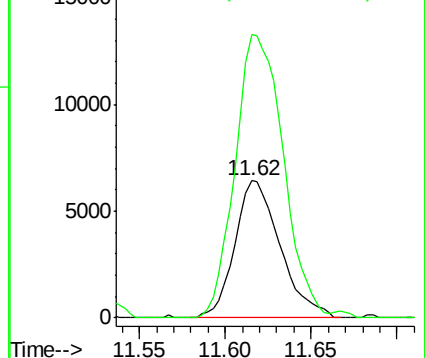
106 100

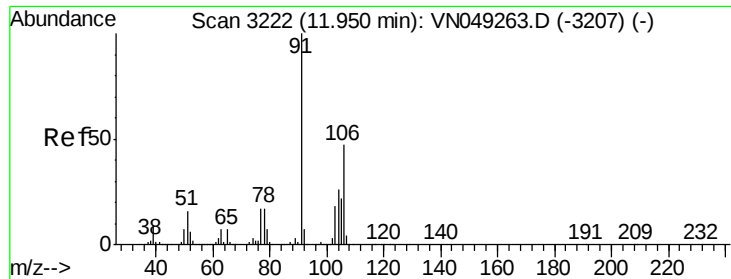
91 218.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

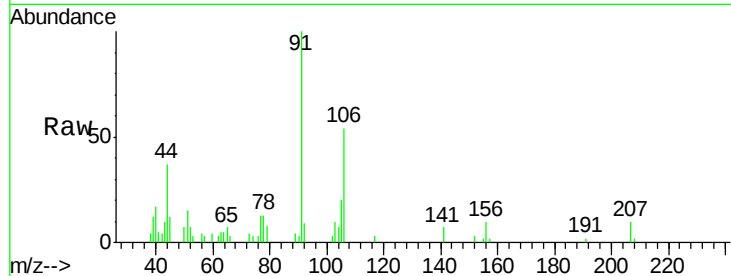




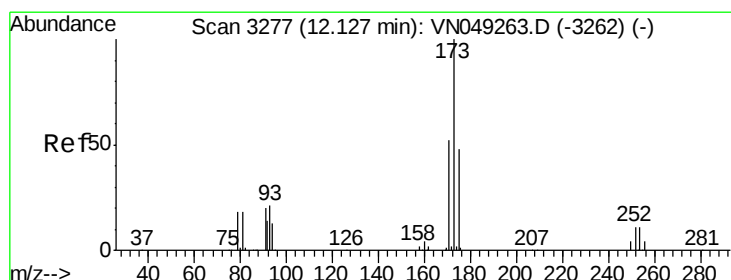
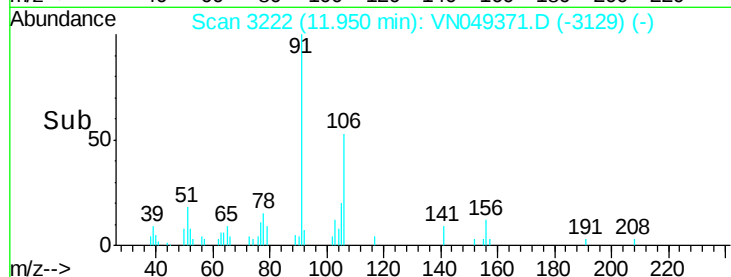
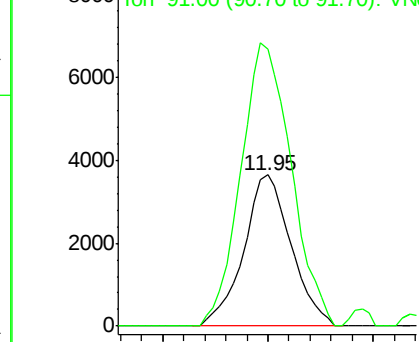
#69
o-Xylene
Concen: 0.22 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 5691
Ion Ratio Lower Upper
106 100
91 199.4 111.0 333.0

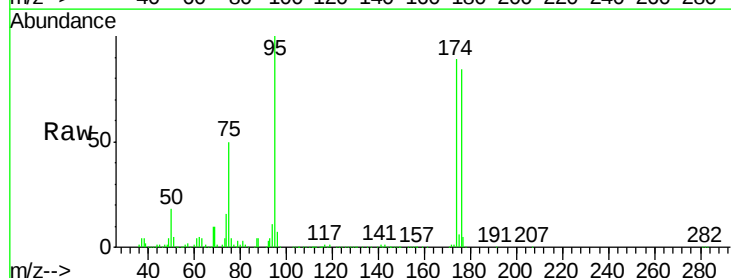


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

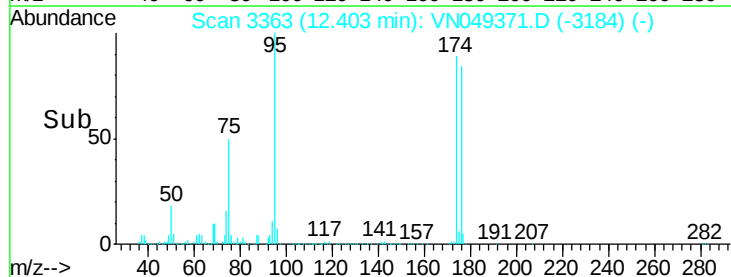
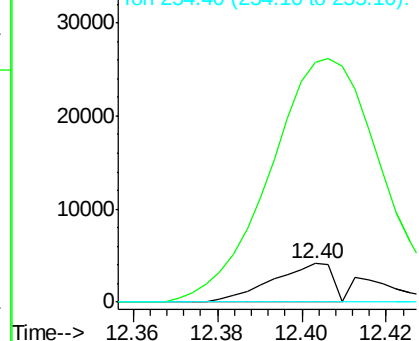


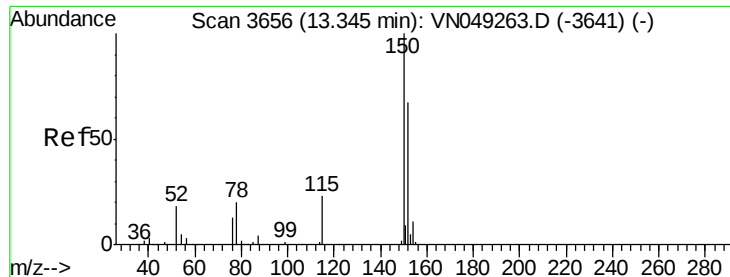
#71
Bromoform
Concen: 0.39 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Tgt Ion:173 Resp: 4075
Ion Ratio Lower Upper
173 100
175 898.1 24.5 73.5#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

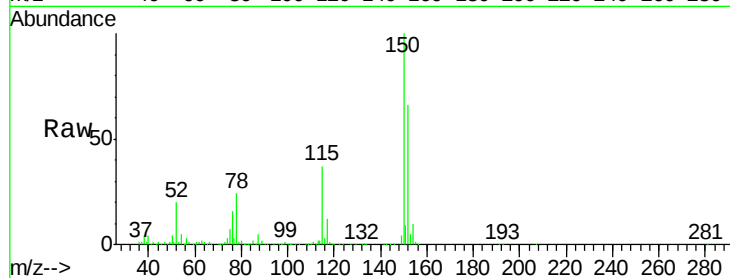
Tot Ion:152 Resp: 532583

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.1

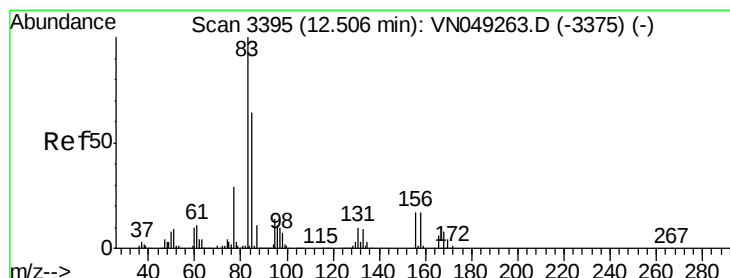
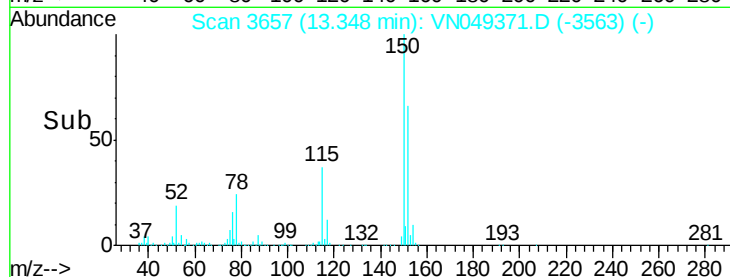
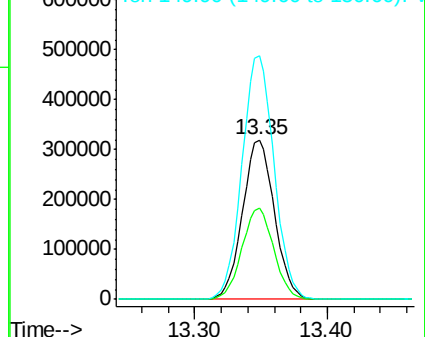
150 153.8 0.0 351.0



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: VN049371.D

Acq: 19 Jun 2018 4:06

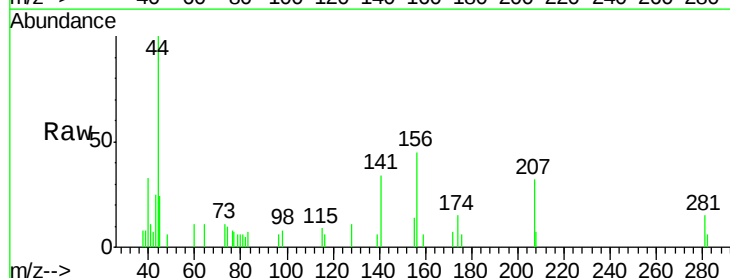
Tgt Ion: 83 Resp: 74

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

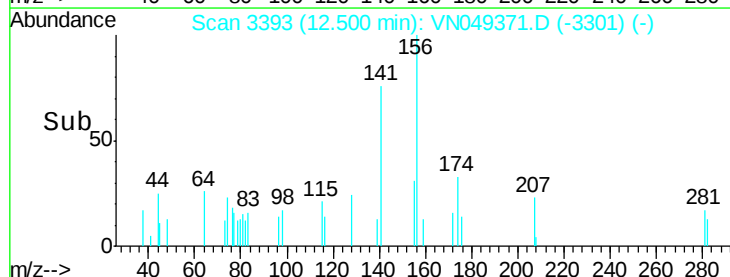
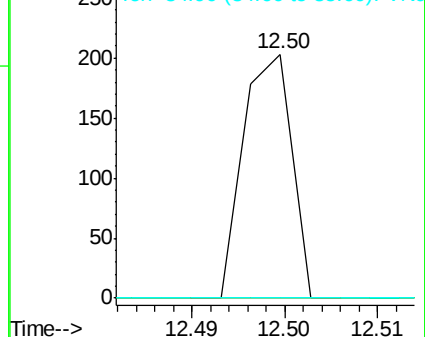
85 0.0 32.0 96.0#

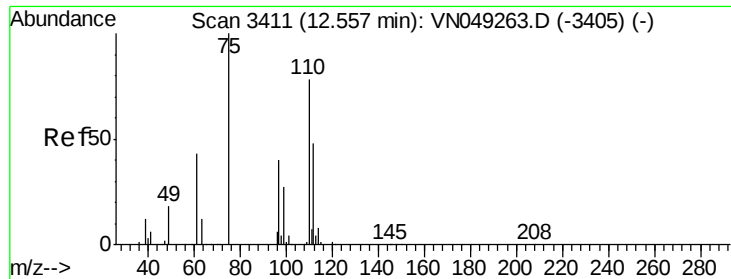


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 39.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

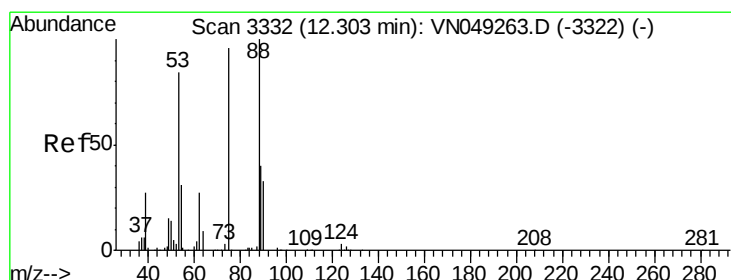
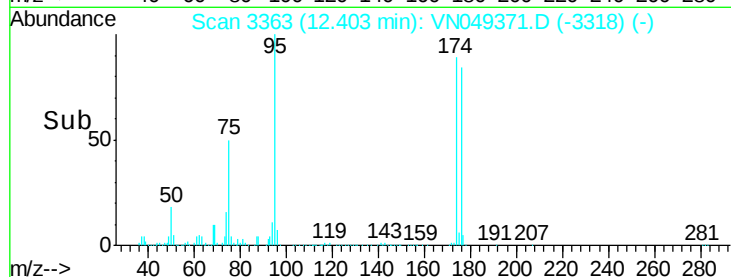
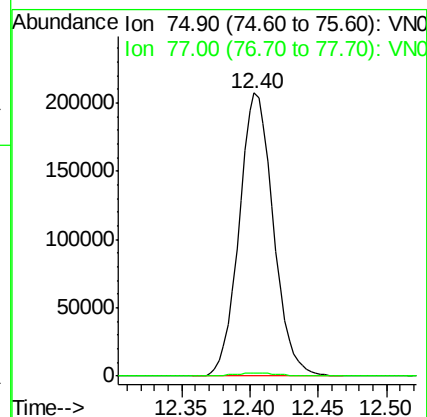
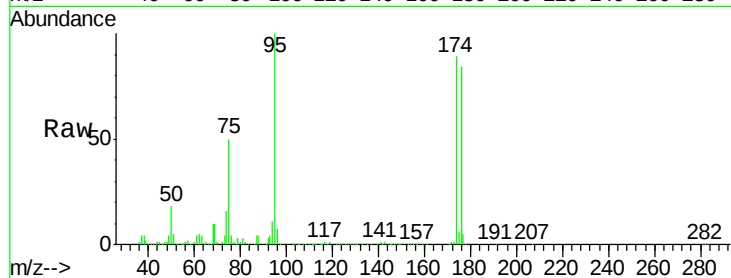
ClientSampled :

Tot Ion: 75 Resp: 360573

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.41 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

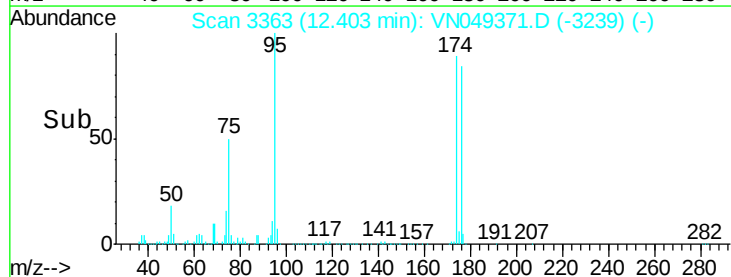
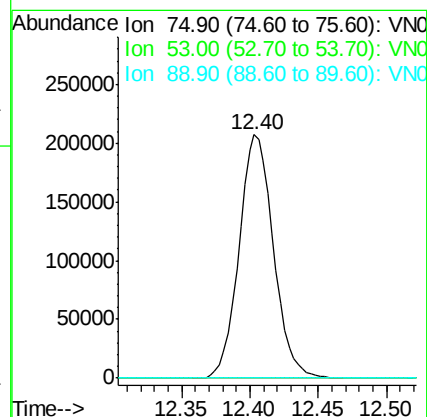
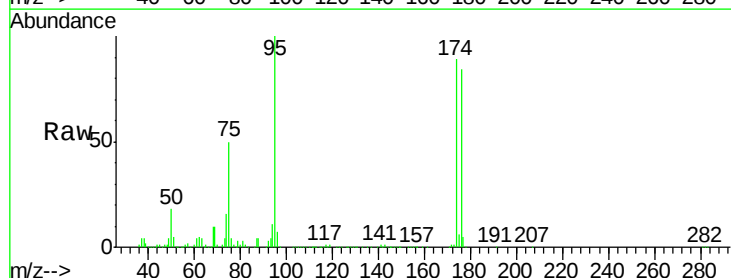
Tgt Ion: 75 Resp: 360573

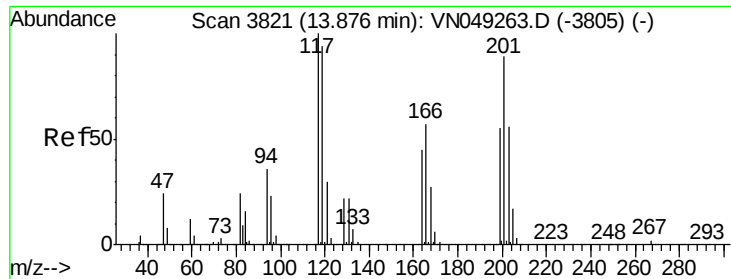
Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.0 36.5 54.7#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

Instrument :

MSVOA_N

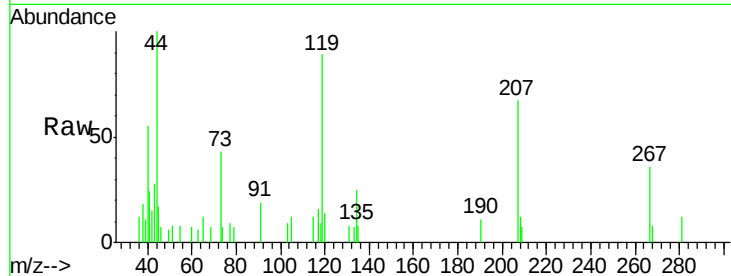
ClientSampled :

Tot Ion:117 Resp: 503

Ion Ratio Lower Upper

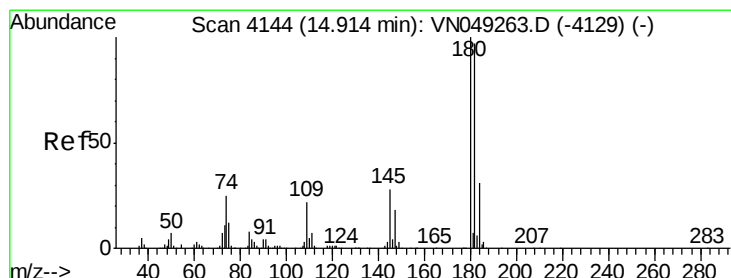
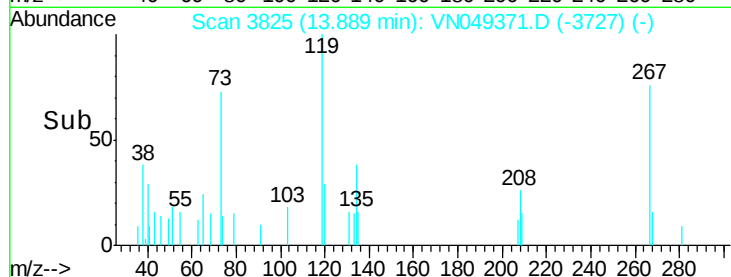
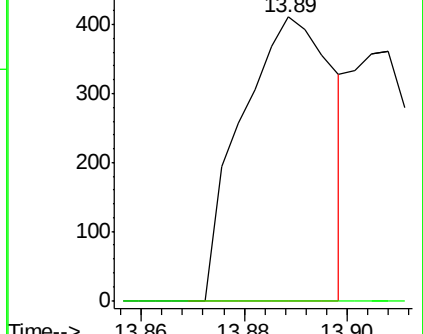
117 100

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



#93

1,2,4-Trichlorobenzene

Concen: 4.81 ug/l

RT: 14.92 min Scan# 4146

Delta R.T. 0.01 min

Lab File: VN049371.D

Acq: 19 Jun 2018 4:06

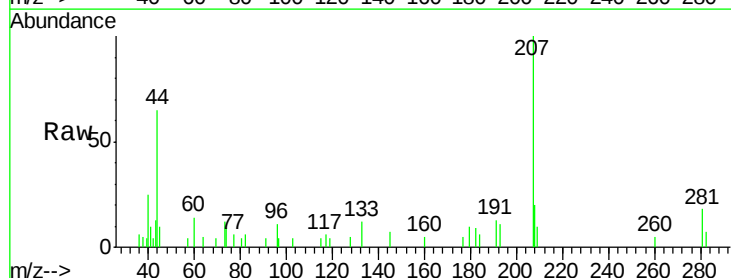
Tgt Ion:180 Resp: 715

Ion Ratio Lower Upper

180 100

182 111.6 46.9 140.8

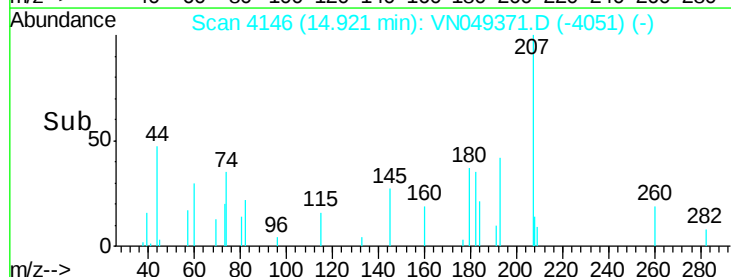
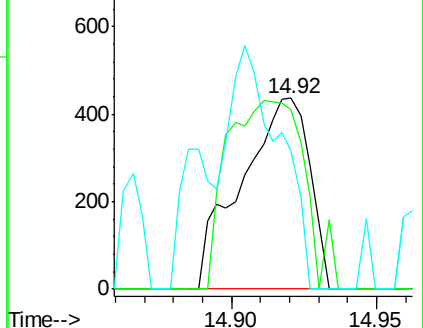
145 93.8 14.7 44.1#

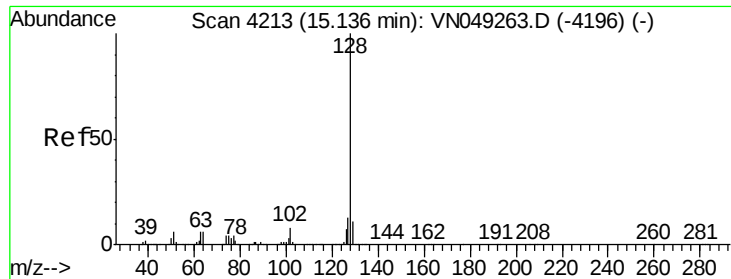


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

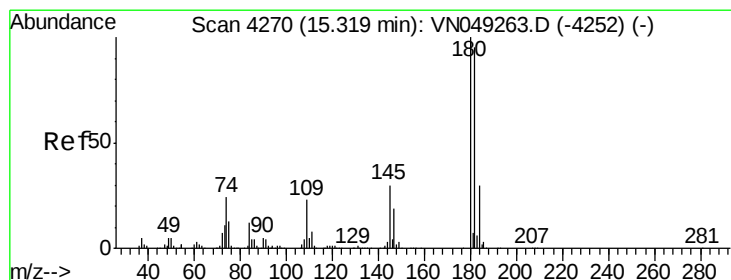
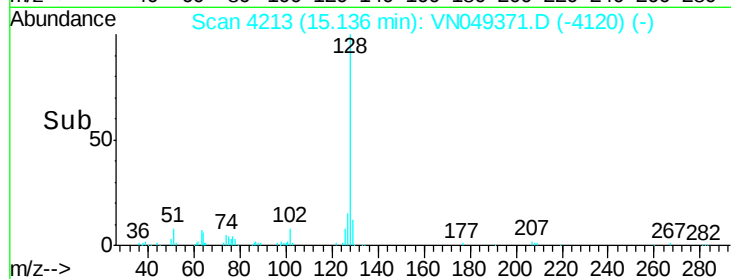
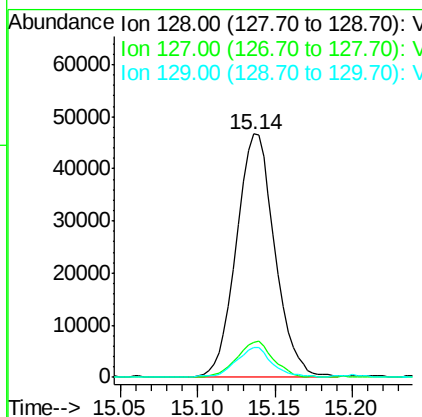
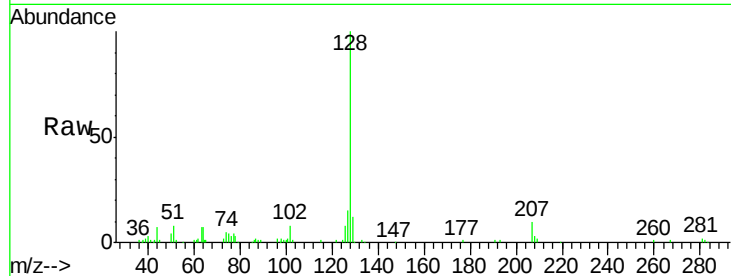




#95
Naphthalene
Concen: 7.46 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 80673
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 11.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.49 ug/l
RT: 15.33 min Scan# 4272
Delta R.T. 0.01 min
Lab File: VN049371.D
Acq: 19 Jun 2018 4:06

Tgt Ion:180 Resp: 278
Ion Ratio Lower Upper
180 100
182 123.0 47.3 141.8
145 253.2 15.6 46.7#

