

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049506.D
 Acq On : 22 Jun 2018 21:32
 Operator : MD\SY
 Sample : J3642-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 22:18:27 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	1155773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1826918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1516828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	450288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	785271	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	7.59	113	701656	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.09	98	2486731	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
62) 4-Bromofluorobenzene	12.40	95	638550	34.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.62%	

Target Compounds

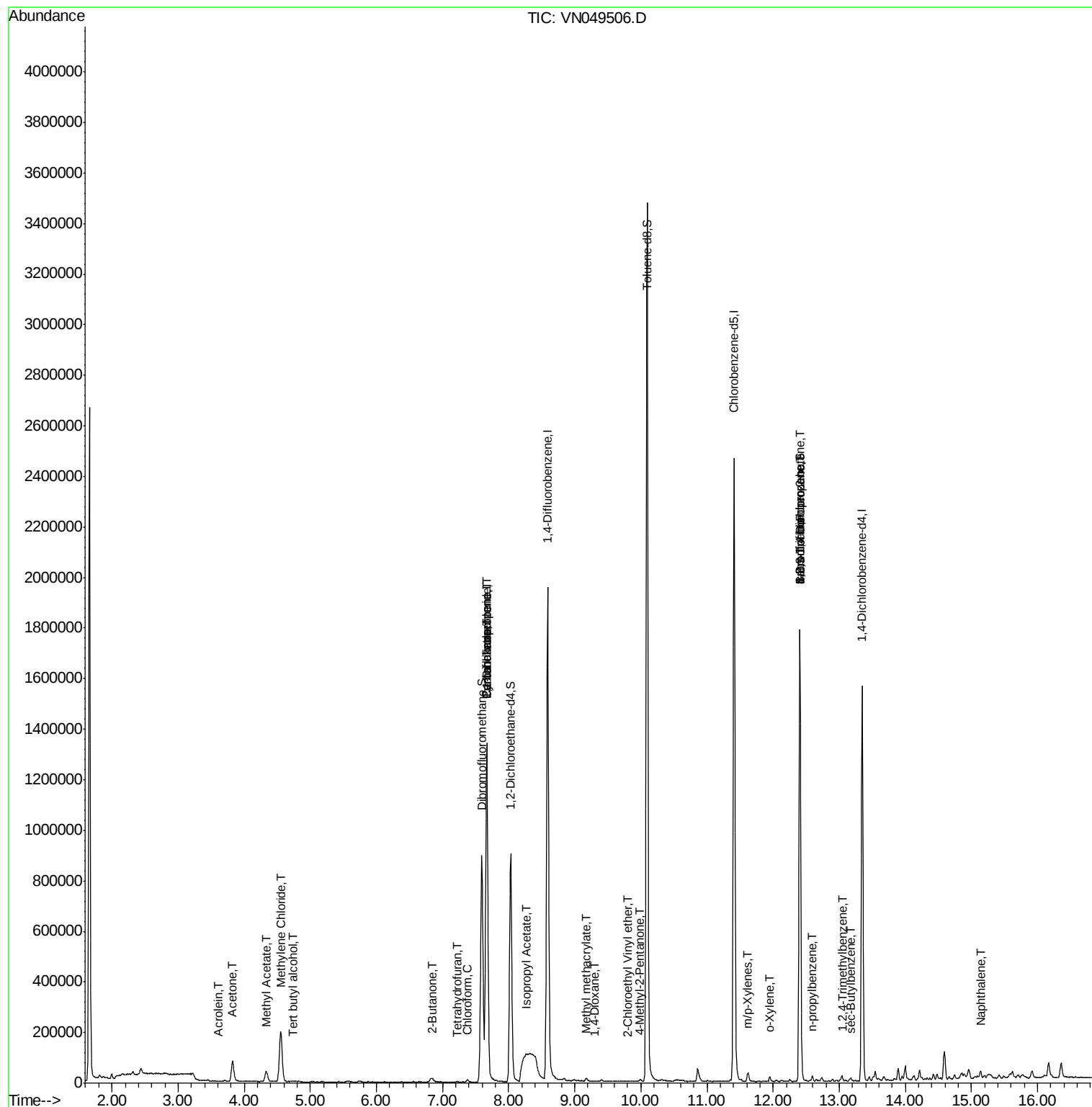
						Qvalue
11) Tert butyl alcohol	4.74	59	1844	2.05	ug/l #	70
13) Acrolein	3.60	56	490	0.52	ug/l	88
16) Acetone	3.82	43	134895	36.24	ug/l	91
18) Methyl Acetate	4.33	43	79569	7.01	ug/l	94
20) Methylene Chloride	4.55	84	153034	9.84	ug/l	93
25) 2-Butanone	6.83	43	1630	0.33	ug/l	90
29) Tetrahydrofuran	7.21	42	1019	0.32	ug/l #	36
30) Chloroform	7.37	83	7980	0.30	ug/l	84
31) Cyclohexane	7.67	56	22027	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	82629	3.95	ug/l #	50
38) Carbon Tetrachloride	7.67	117	105466	4.87	ug/l #	18
43) Isopropyl Acetate	8.26	43	174778	8.04	ug/l #	64
48) Methyl methacrylate	9.17	41	3806	0.37	ug/l #	51
49) 1,4-Dioxane	9.30	88	63	0.45	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3372	0.30	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.80	63	34	14.33	ug/l #	51
68) m/p-Xylenes	11.62	106	10709	0.44	ug/l	97
69) o-Xylene	11.95	106	4786	0.20	ug/l	96
71) Bromoform	12.40	173	4090	0.43	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.54	83	62	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	307704	40.05	ug/l #	100
78) n-propylbenzene	12.59	91	15100	0.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	307704	126.58	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	10115	0.33	ug/l	97
85) sec-Butylbenzene	13.17	105	7970	0.22	ug/l	83
90) Hexachloroethane	13.89	117	3275	Below	Cal #	9
95) Naphthalene	15.14	128	27304	4.26	ug/l	98

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

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

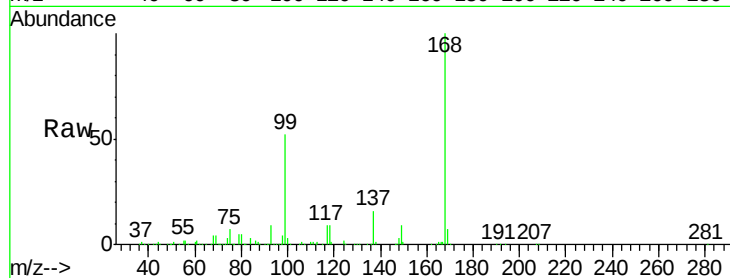
ClientSampleId :

Tot Ion:168 Resp: 1155773

Ion Ratio Lower Upper

168 100

99 51.6 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

500000

400000

300000

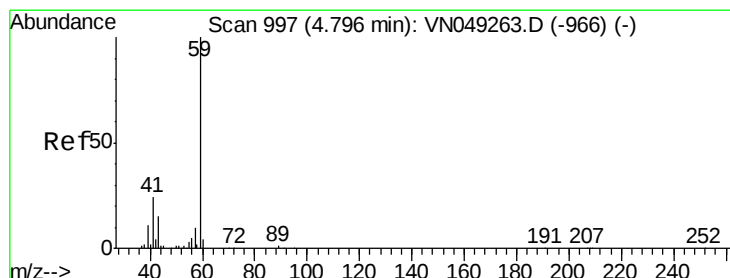
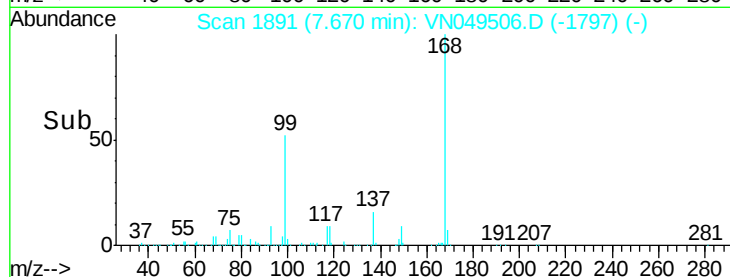
200000

100000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 2.05 ug/l

RT: 4.74 min Scan# 981

Delta R.T. -0.05 min

Lab File: VN049506.D

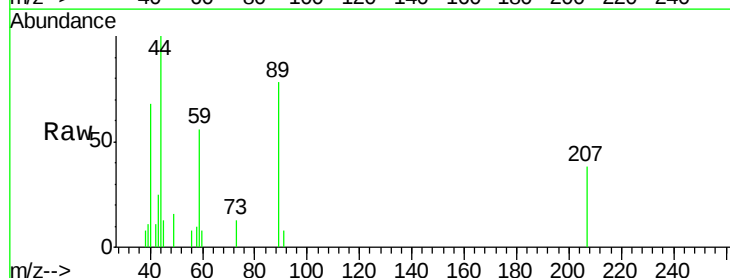
Acq: 22 Jun 2018 21:32

Tgt Ion: 59 Resp: 1844

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

4.74

1200

1000

800

600

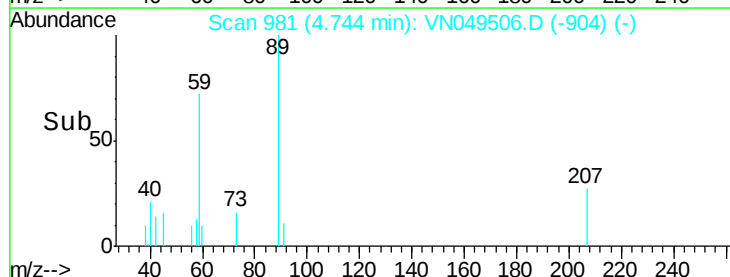
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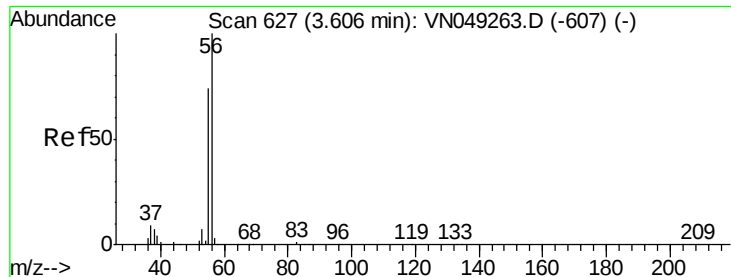
200

0

Time-->

4.70 4.72 4.74 4.76

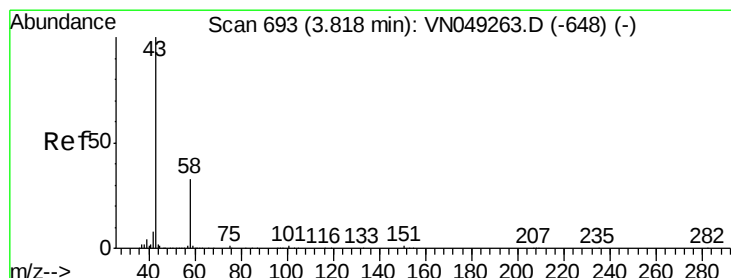
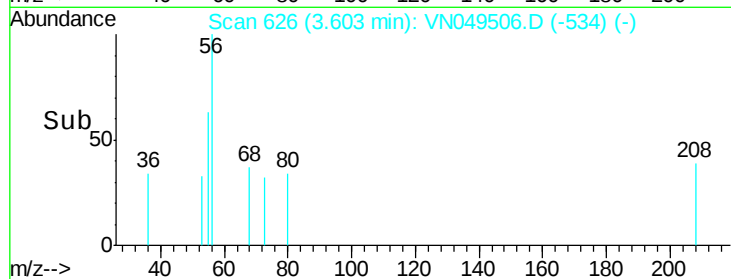
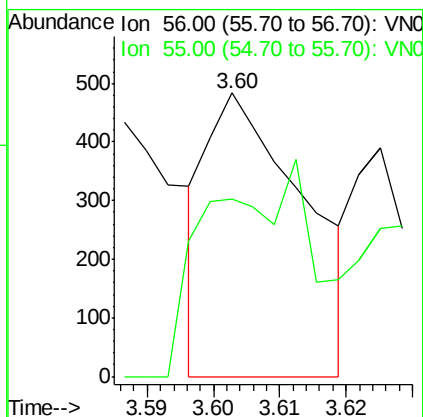
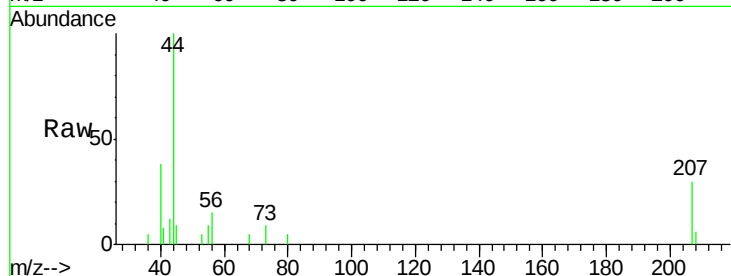




#13
Acrolein
Concen: 0.52 ug/l
RT: 3.60 min Scan# 626
Delta R.T. -0.00 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

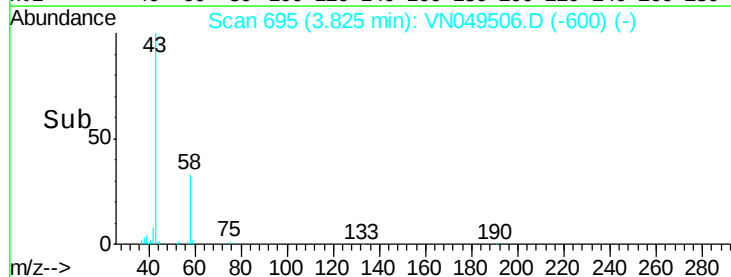
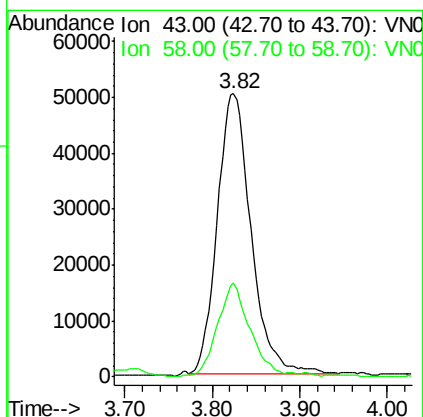
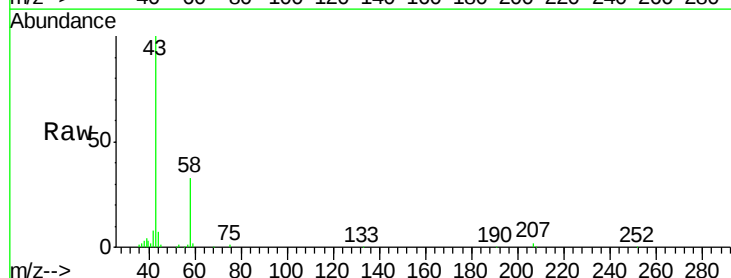
Instrument :
MSVOA_N
ClientSampled :

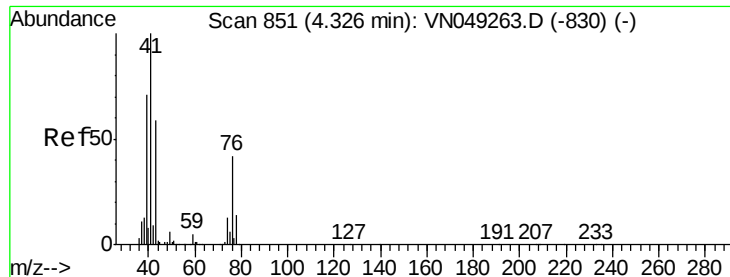
Tot Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
55 81.6 57.1 85.7



#16
Acetone
Concen: 36.24 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

Tgt Ion: 43 Resp: 134895
Ion Ratio Lower Upper
43 100
58 32.9 22.4 33.6

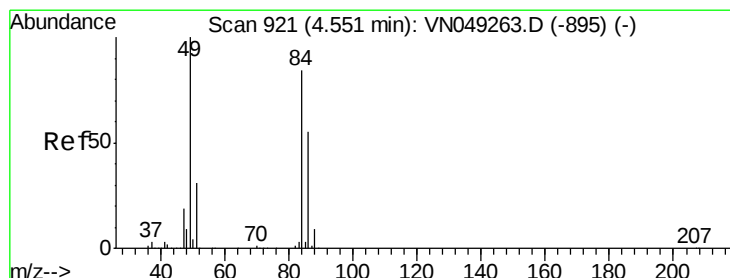
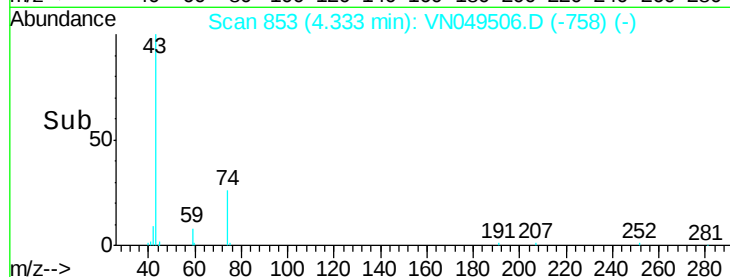
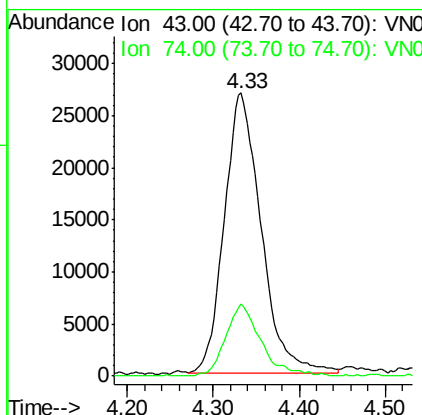
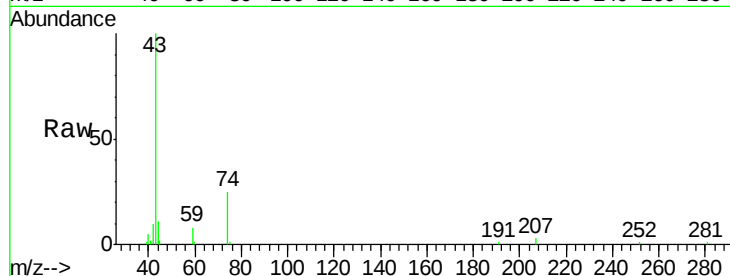




#18
Methvl Acetate
Concen: 7.01 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

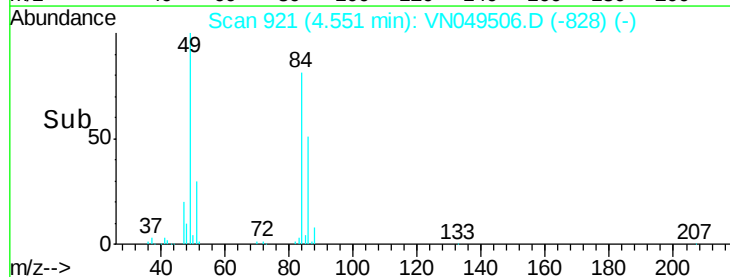
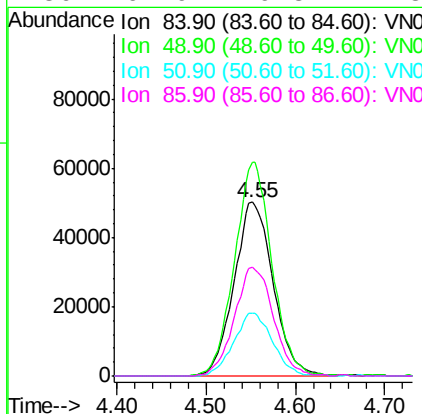
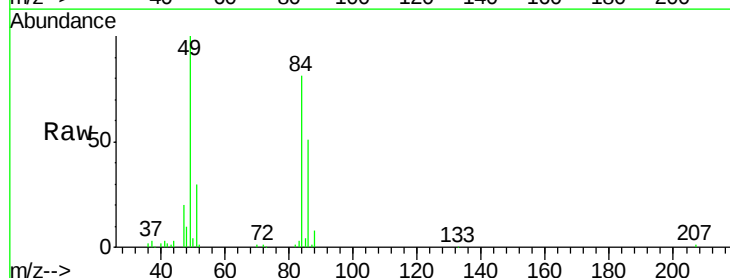
Instrument :
MSVOA_N
ClientSampled :

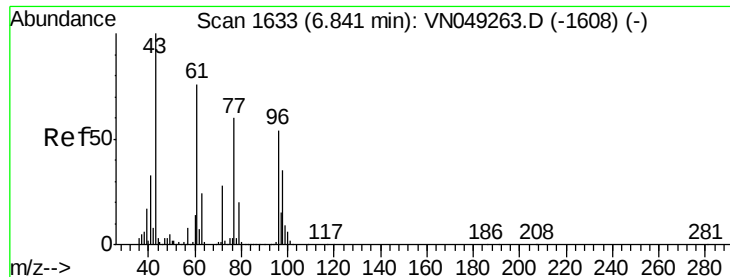
Tot Ion: 43 Resp: 79569
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0



#20
Methylene Chloride
Concen: 9.84 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

Tgt Ion: 84 Resp: 153034
Ion Ratio Lower Upper
84 100
49 122.4 106.9 160.3
51 36.3 32.7 49.1
86 62.9 49.8 74.8





#25

2-Butanone

Concen: 0.33 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

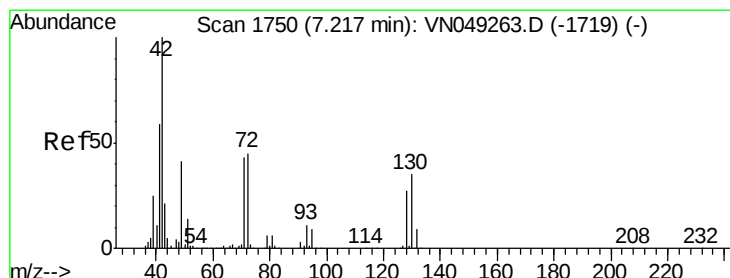
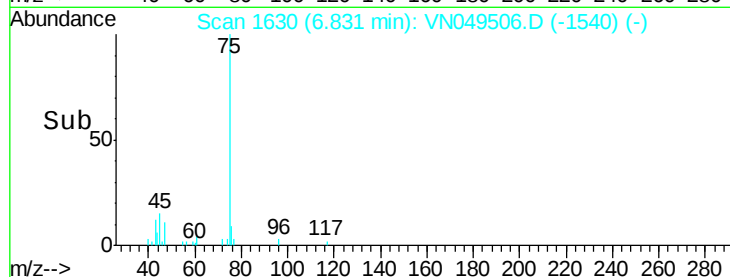
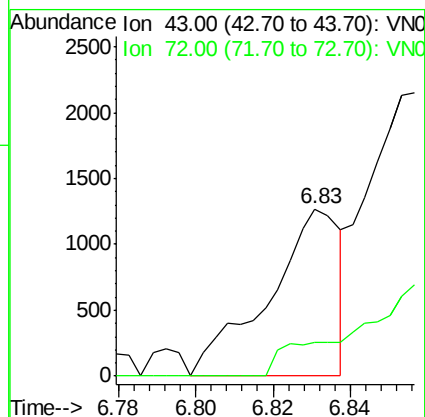
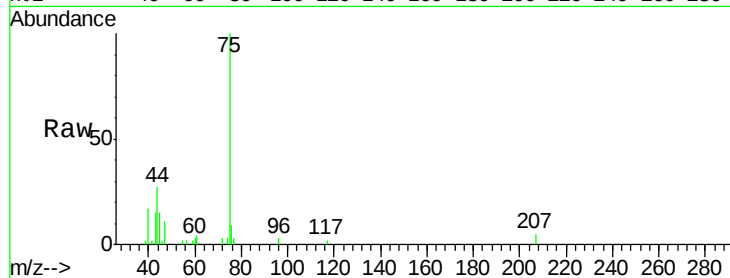
ClientSampleId :

Tot Ion: 43 Resp: 1630

Ion Ratio Lower Upper

43 100

72 20.2 20.2 30.2



#29

Tetrahydrofuran

Concen: 0.32 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

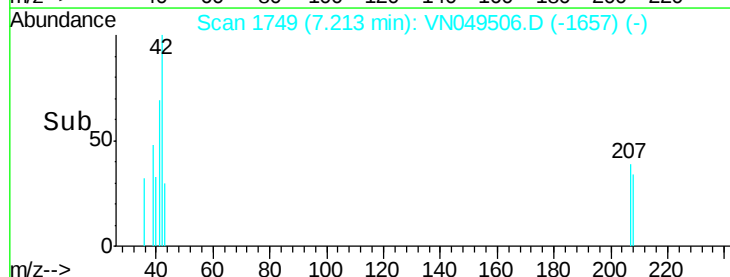
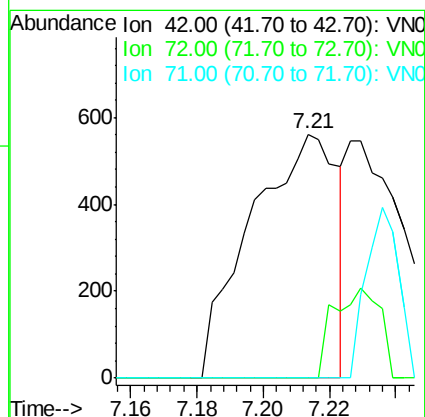
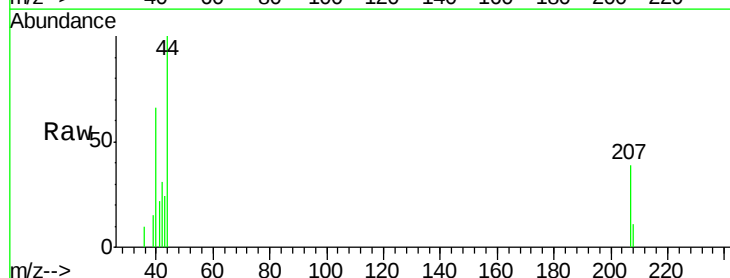
Tgt Ion: 42 Resp: 1019

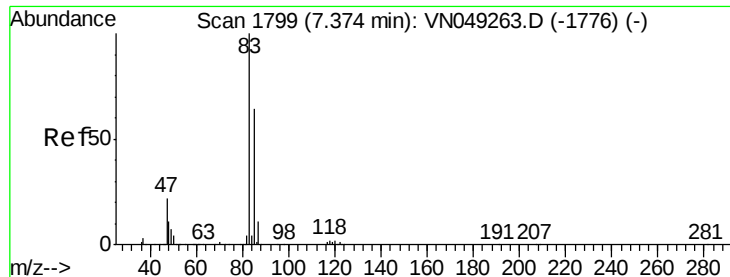
Ion Ratio Lower Upper

42 100

72 0.0 32.2 48.4#

71 0.0 30.5 45.7#

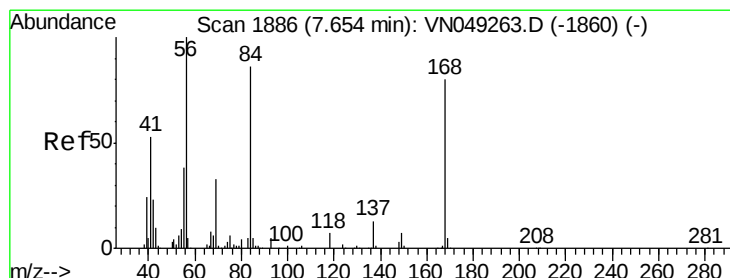
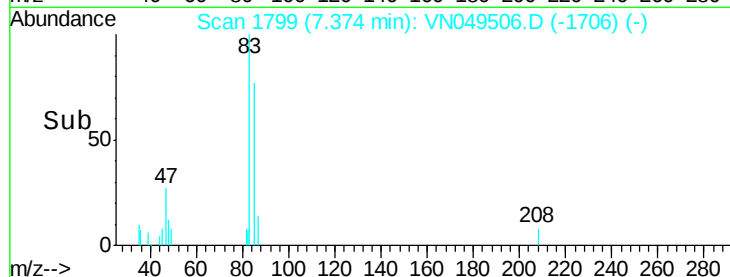
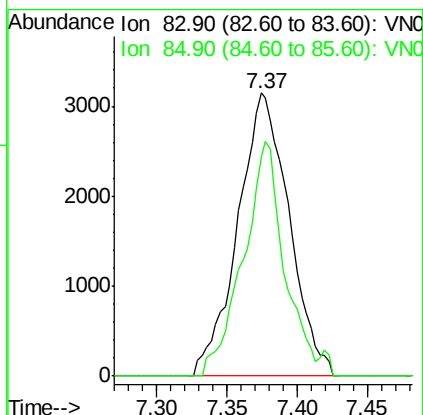
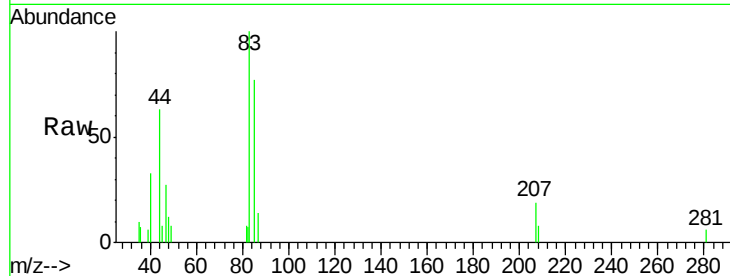




#30
Chloroform
Concen: 0.30 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

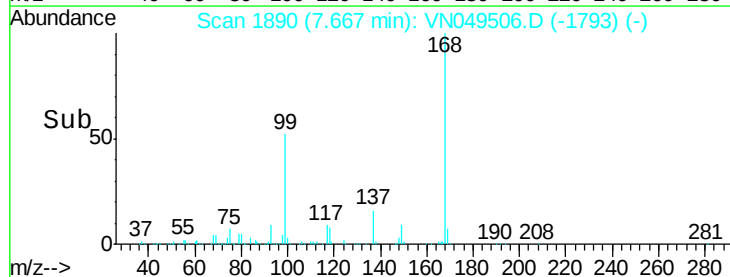
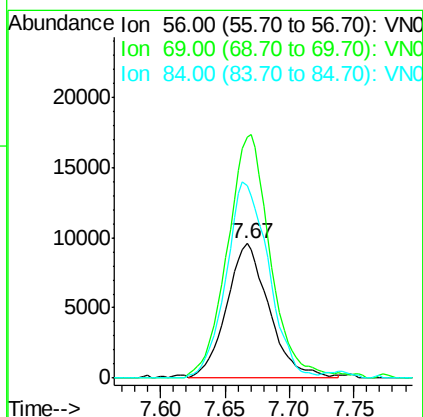
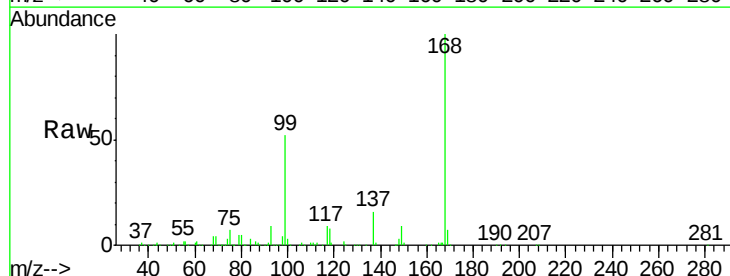
Instrument :
MSVOA_N
ClientSampleId :

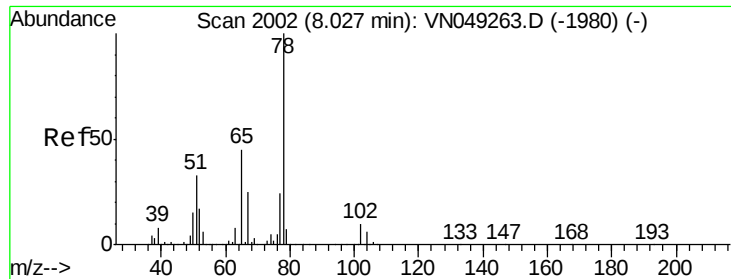
Tot Ion: 83 Resp: 7980
Ion Ratio Lower Upper
83 100
85 77.4 51.7 77.5



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

Tgt Ion: 56 Resp: 22027
Ion Ratio Lower Upper
56 100
69 176.7 25.0 37.4#
84 141.2 64.6 96.8#

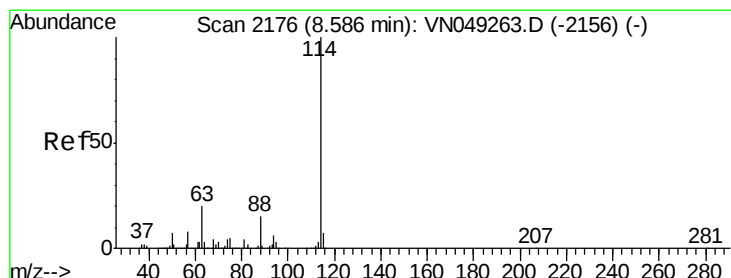
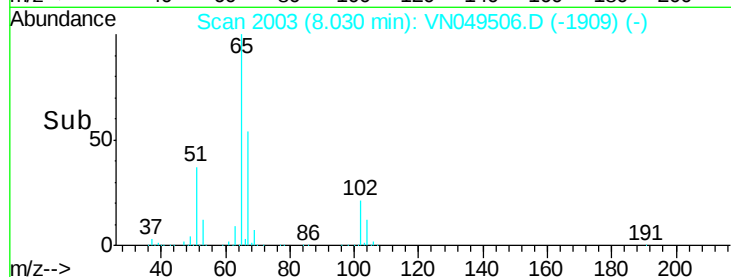
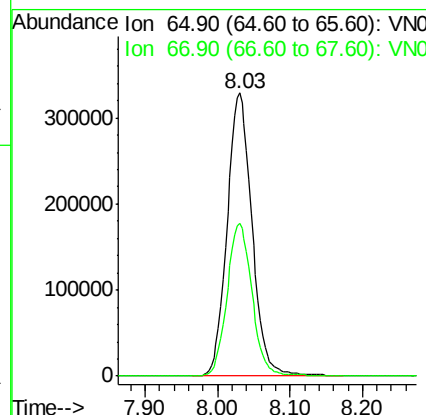
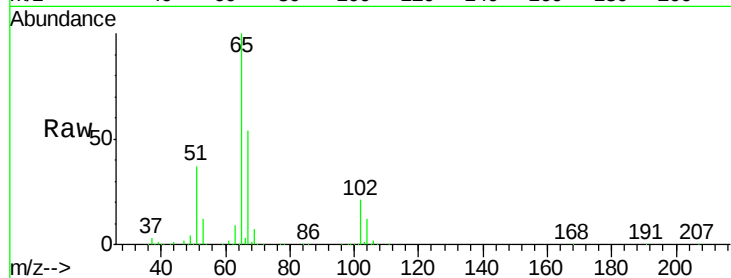




#33
 1,2-Dichloroethane-d4
 Concen: 51.23 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049506.D
 Acq: 22 Jun 2018 21:32

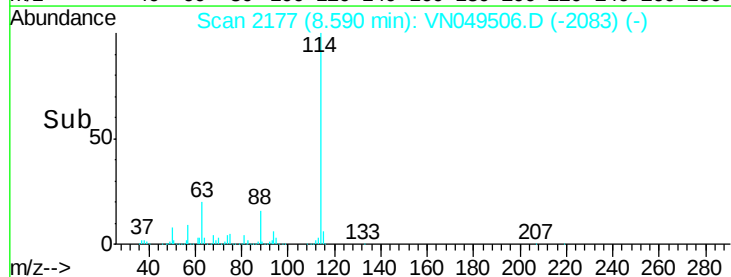
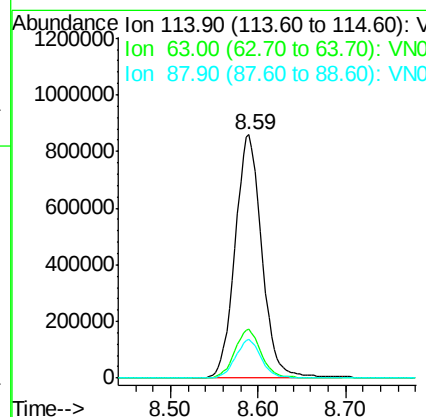
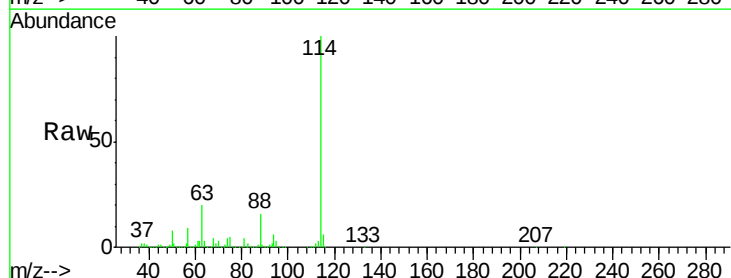
Instrument :
 MSVOA_N
 ClientSampled :

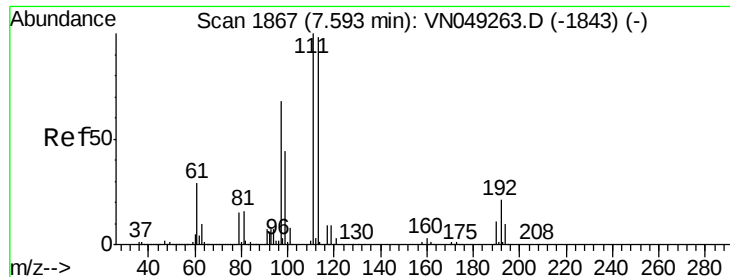
Tot Ion: 65 Resp: 785271
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049506.D
 Acq: 22 Jun 2018 21:32

Tgt Ion: 114 Resp: 1826918
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.47 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :
MSVOA_N
ClientSampleId :

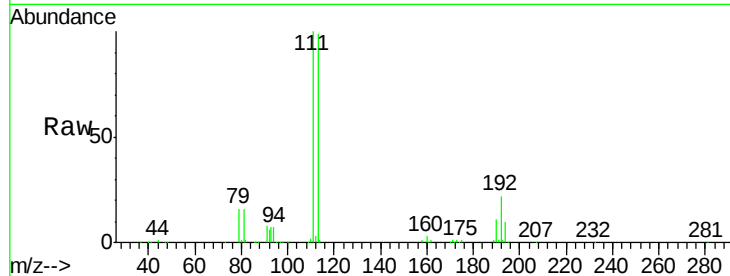
Tot Ion:113 Resp: 701656

Ion Ratio Lower Upper

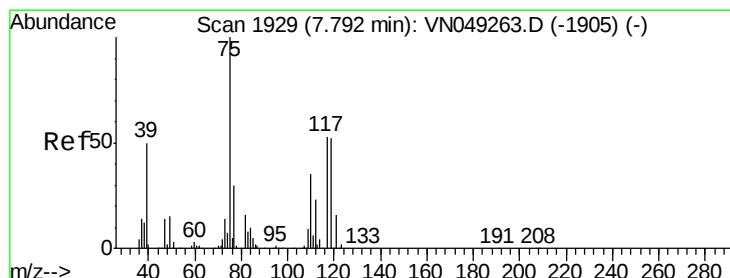
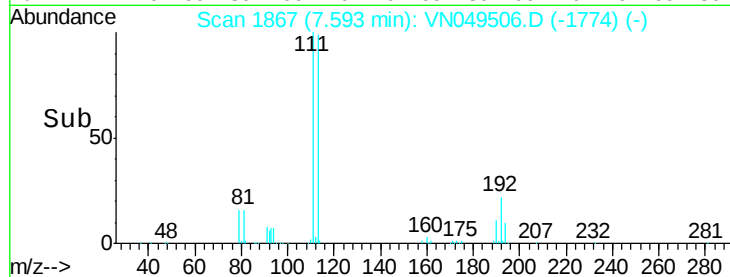
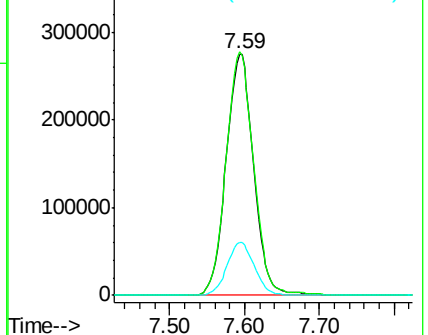
113 100

111 100.6 82.4 123.6

192 22.0 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: 3.95 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

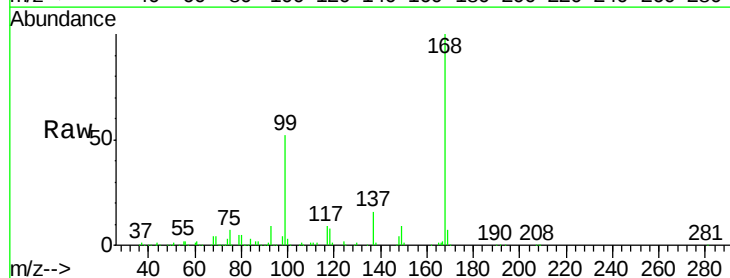
Tgt Ion: 75 Resp: 82629

Ion Ratio Lower Upper

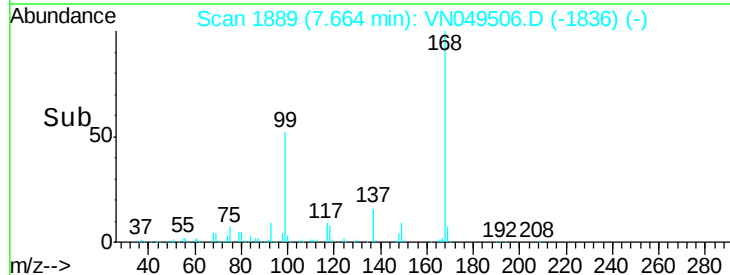
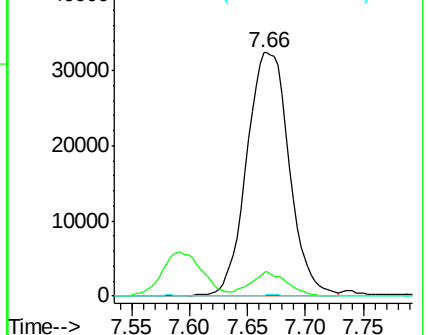
75 100

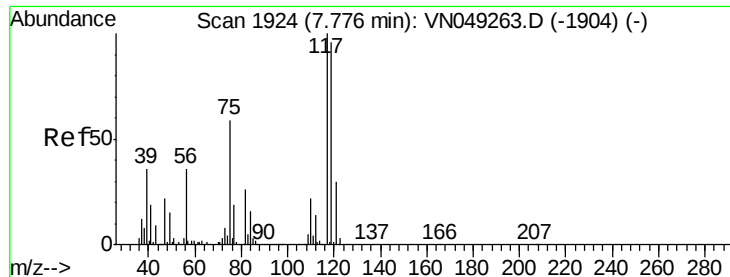
110 8.7 17.0 50.9#

77 0.2 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 4.87 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

ClientSampleId :

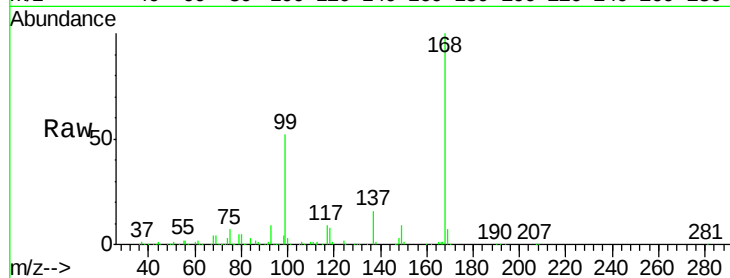
Tot Ion:117 Resp: 105466

Ion Ratio Lower Upper

117 100

119 6.8 75.6 113.4#

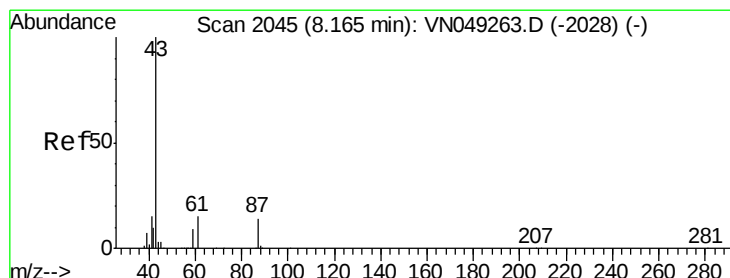
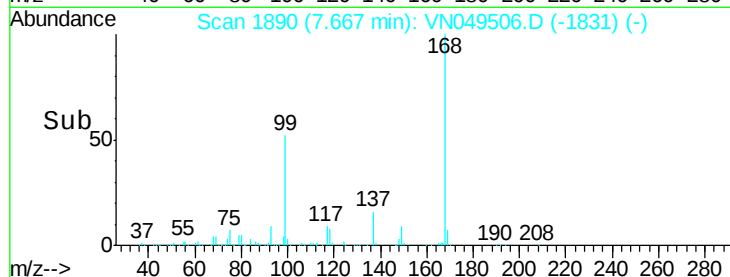
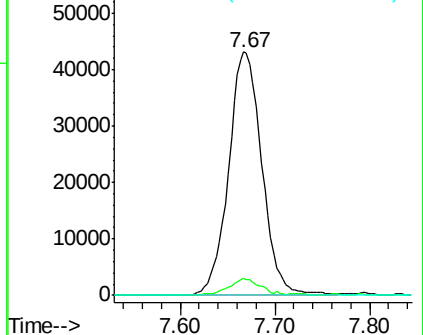
121 0.0 24.7 37.1#



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: 8.04 ug/l

RT: 8.26 min Scan# 2074

Delta R.T. 0.09 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

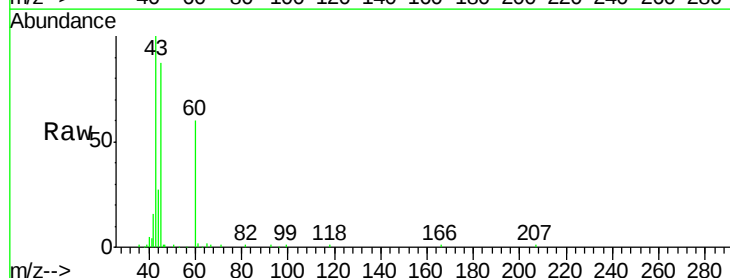
Tgt Ion: 43 Resp: 174778

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

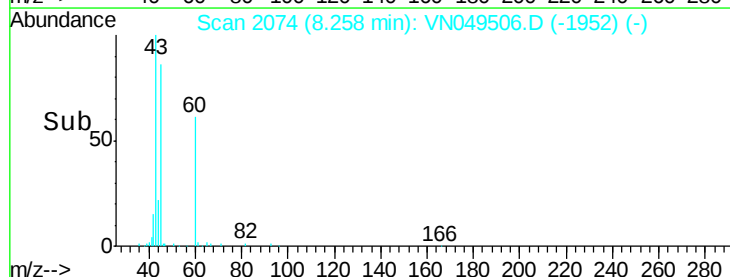
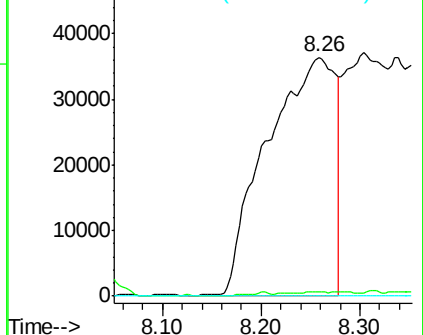
87 0.0 9.4 14.0#

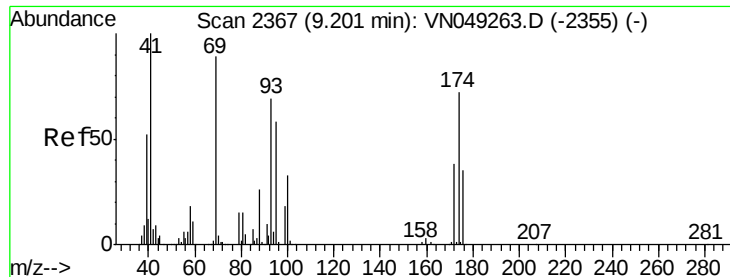


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

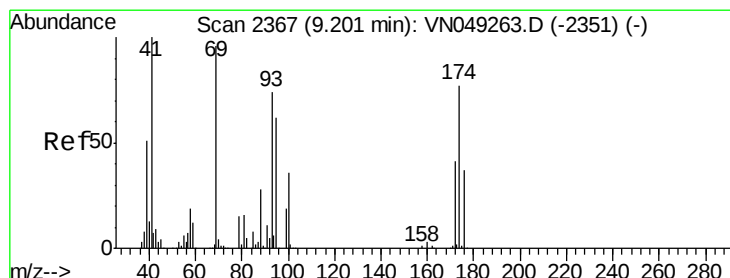
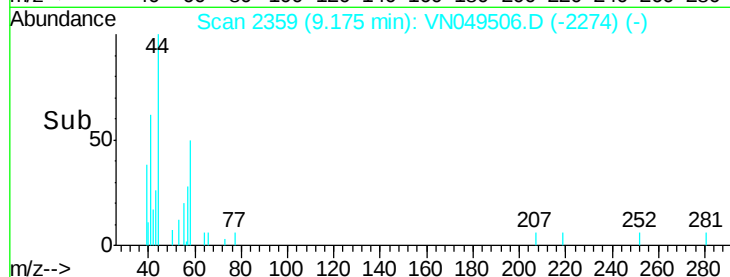
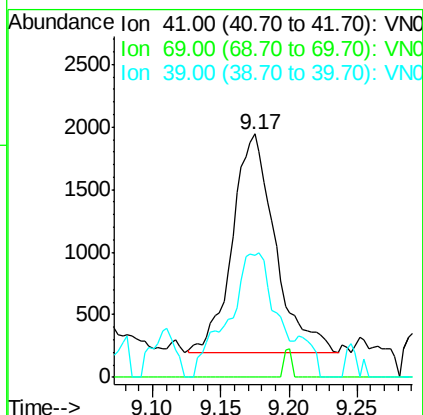
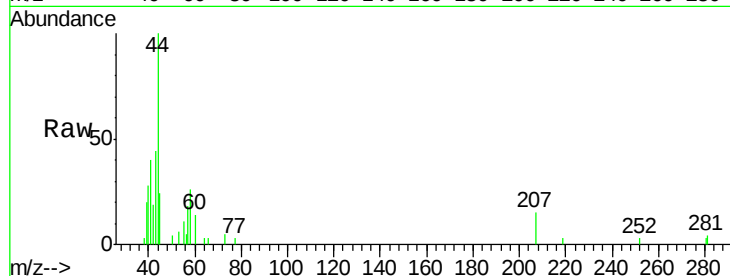




#48
Methvl methacrylate
Concen: 0.37 ug/l
RT: 9.17 min Scan# 2359
Delta R.T. -0.03 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

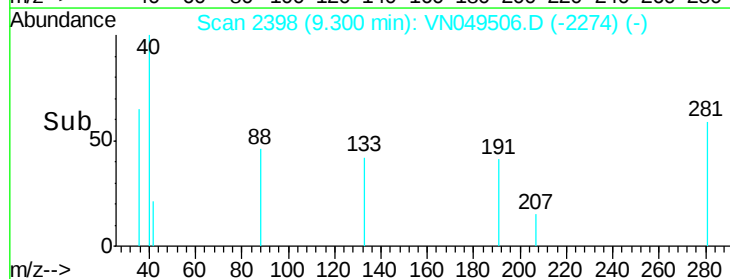
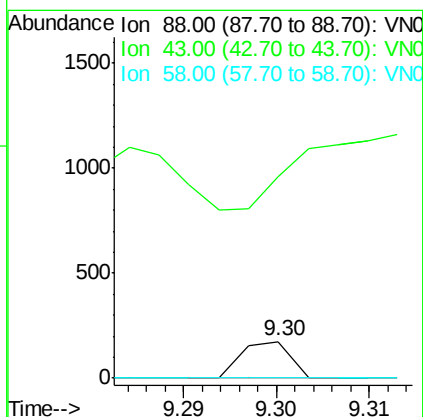
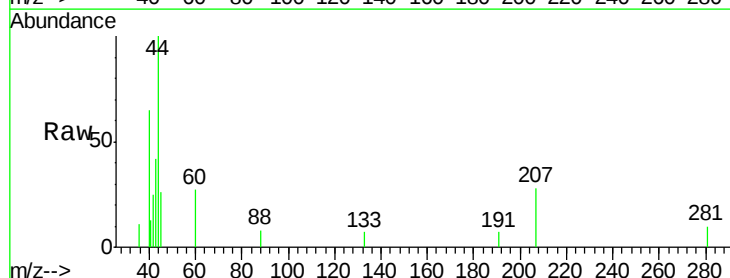
Instrument :
MSVOA_N
ClientSampled :

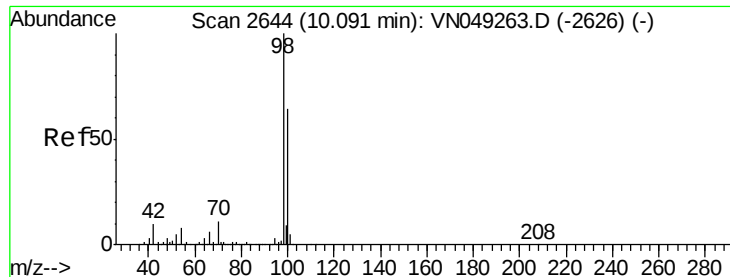
Tot Ion: 41 Resp: 3806
Ion Ratio Lower Upper
41 100
69 0.0 62.0 93.0#
39 63.3 50.6 75.8



#49
1,4-Dioxane
Concen: 0.45 ug/l
RT: 9.30 min Scan# 2398
Delta R.T. 0.10 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 906.3 30.9 46.3#
58 0.0 58.9 88.3#





#50

Toluene-d8

Concen: 44.19 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

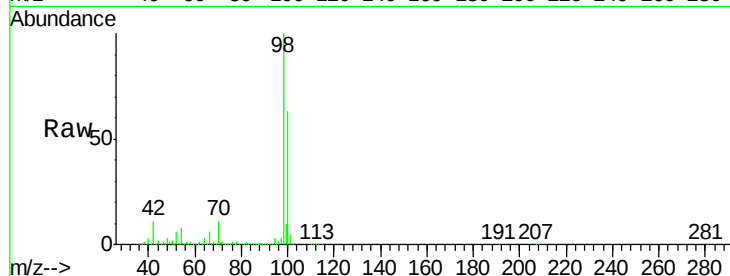
ClientSampled :

Tot Ion: 98 Resp: 2486731

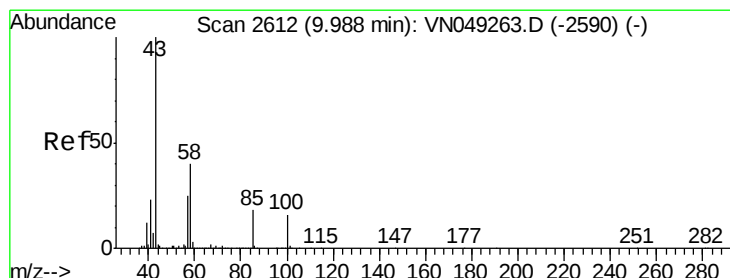
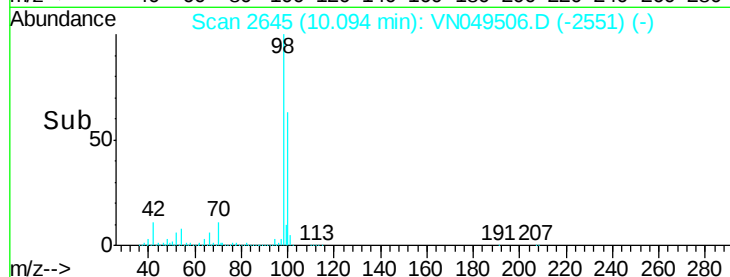
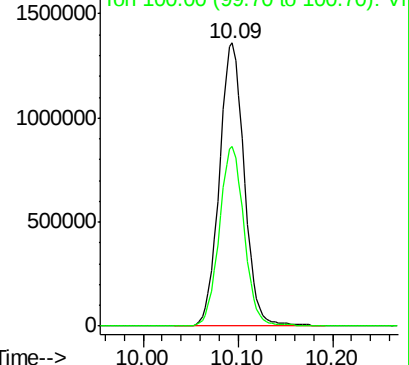
Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.8



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



#51

4-Methyl-2-Pentanone

Concen: 0.30 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049506.D

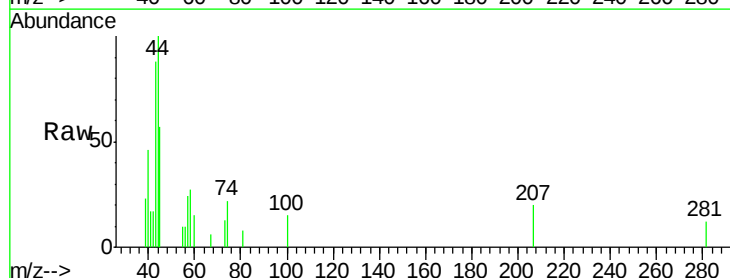
Acq: 22 Jun 2018 21:32

Tgt Ion: 43 Resp: 3372

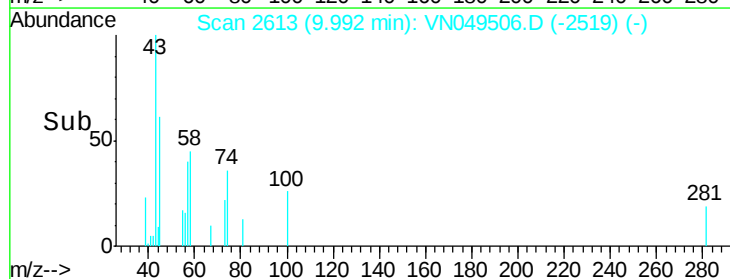
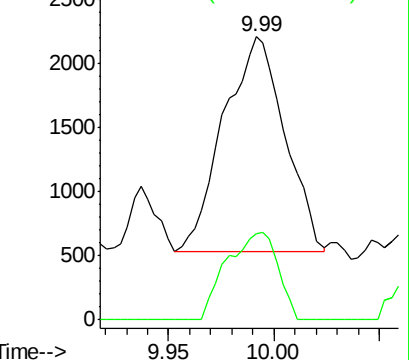
Ion Ratio Lower Upper

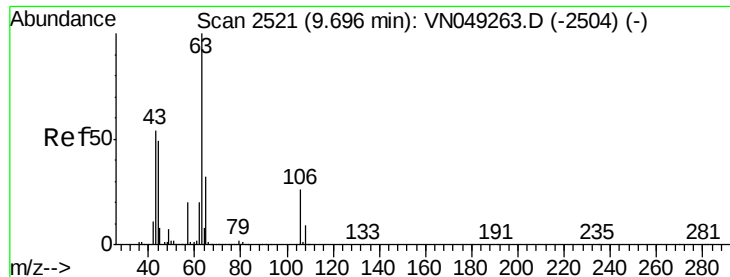
43 100

58 33.9 29.0 43.6



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





#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.80 min Scan# 2554

Delta R.T. 0.11 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

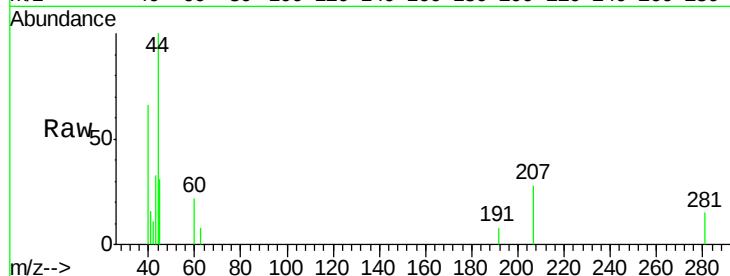
ClientSampleId :

Tot Ion: 63 Resp: 34

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



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

Ion 105.90 (105.60 to 106.60): VN049263.D (-2504) (-)

9.80

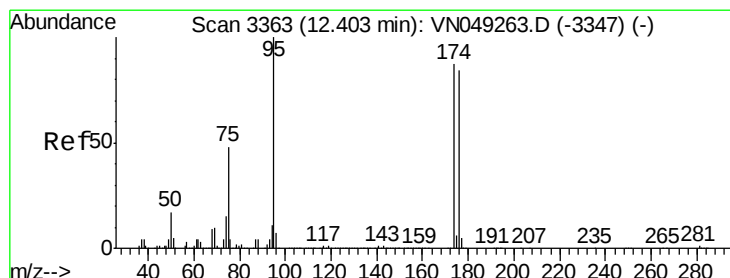
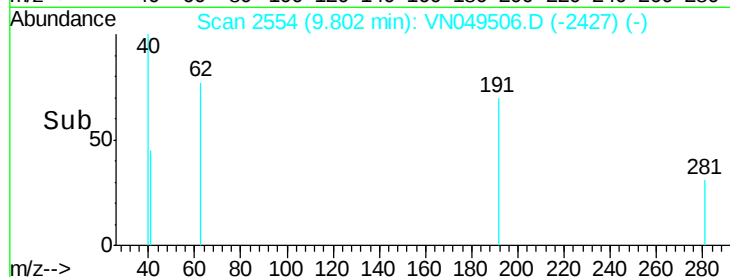
150

100

50

0

Time--> 9.79 9.79 9.80 9.80 9.81



#62

4-Bromofluorobenzene

Concen: 34.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

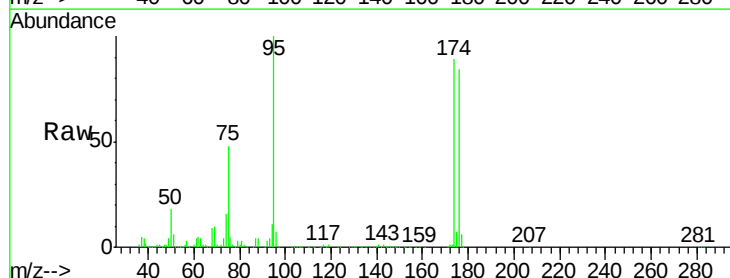
Tgt Ion: 95 Resp: 638550

Ion Ratio Lower Upper

95 100

174 89.3 0.0 165.6

176 85.5 0.0 157.4



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

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

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

12.40

400000

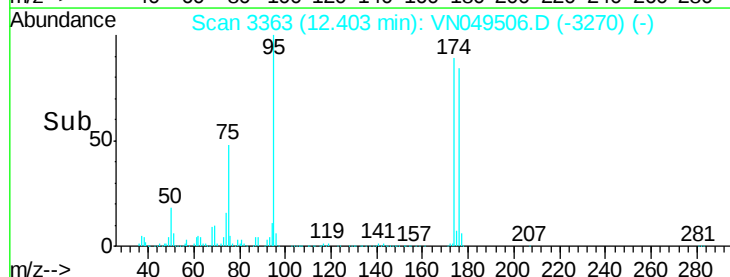
300000

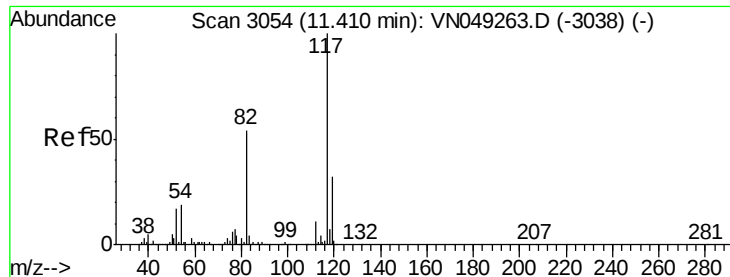
200000

100000

0

Time--> 12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

ClientSampled :

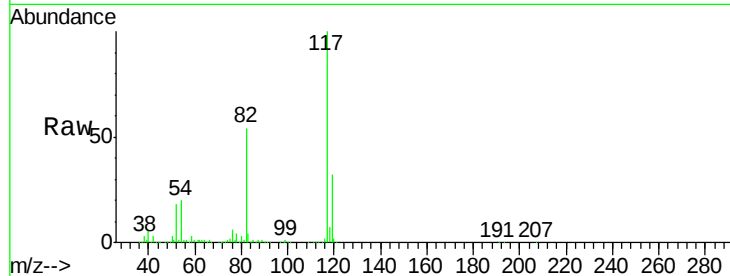
Tot Ion:117 Resp: 1516828

Ion Ratio Lower Upper

117 100

82 54.2 45.9 68.9

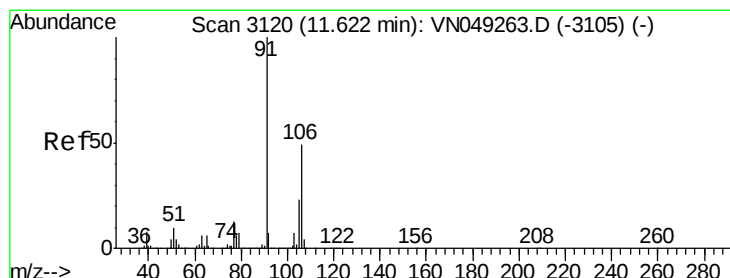
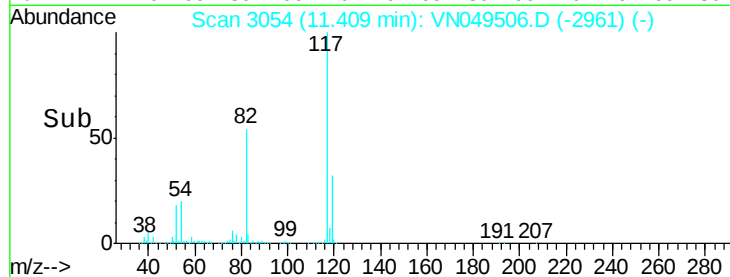
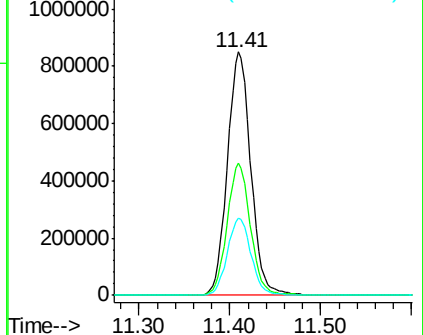
119 31.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.44 ug/l

RT: 11.62 min Scan# 3118

Delta R.T. -0.01 min

Lab File: VN049506.D

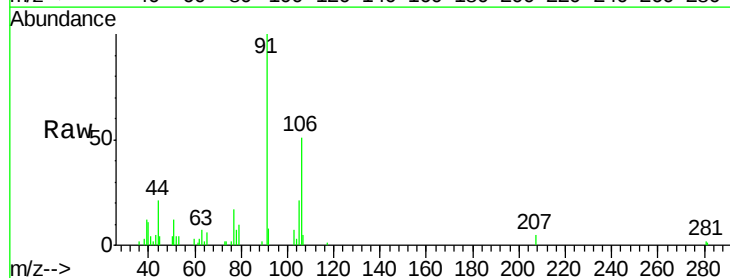
Acq: 22 Jun 2018 21:32

Tgt Ion:106 Resp: 10709

Ion Ratio Lower Upper

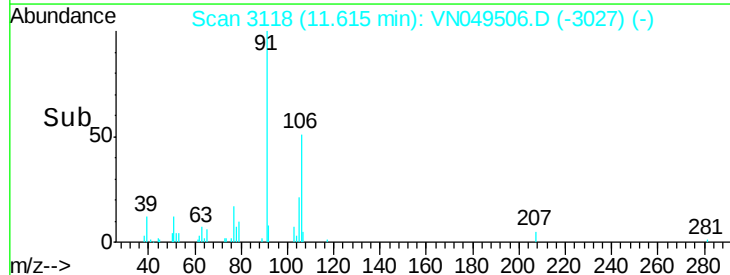
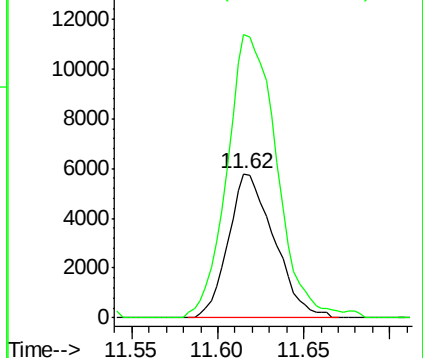
106 100

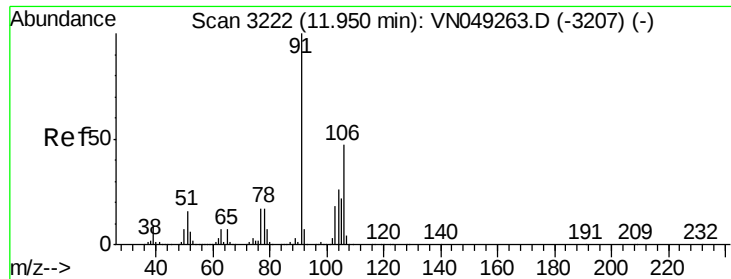
91 214.0 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

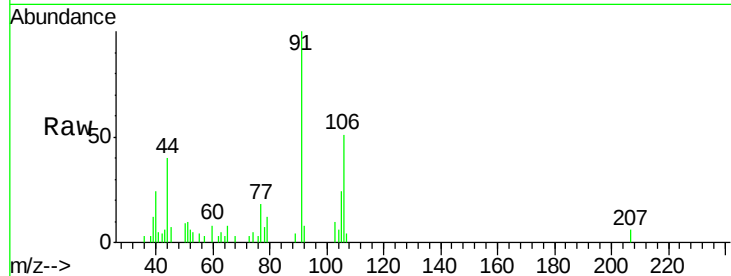




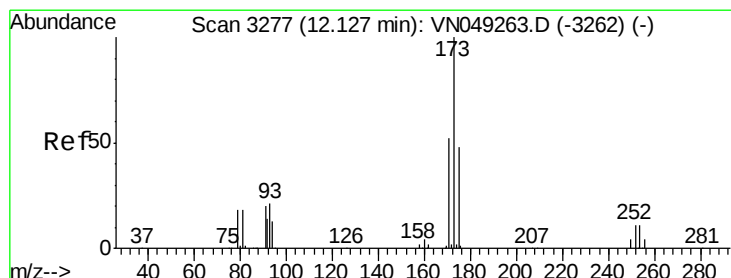
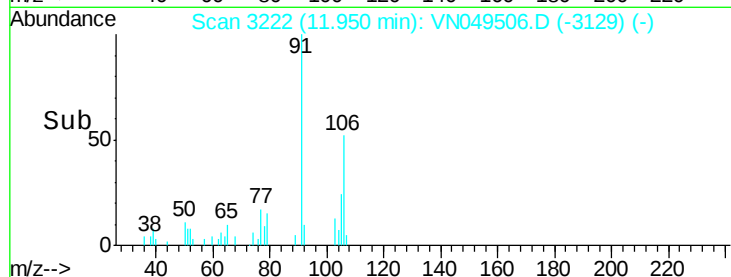
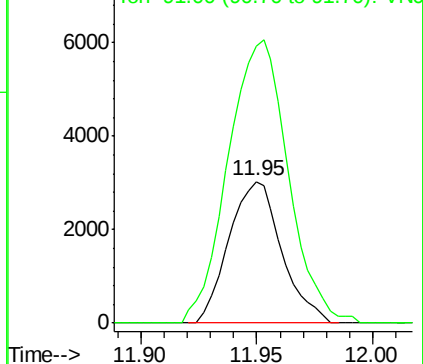
#69
o-Xylene
Concen: 0.20 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 4786
Ion Ratio Lower Upper
106 100
91 228.1 111.0 333.0

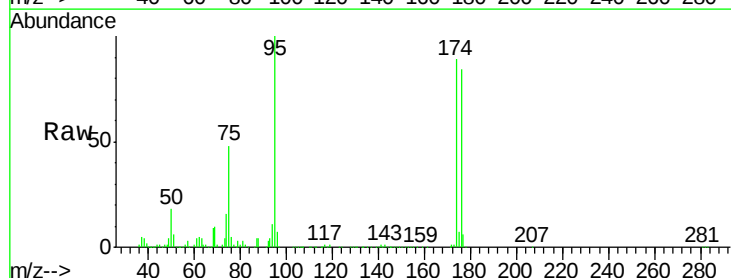


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

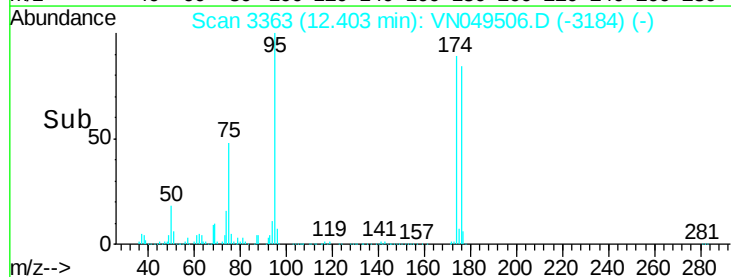
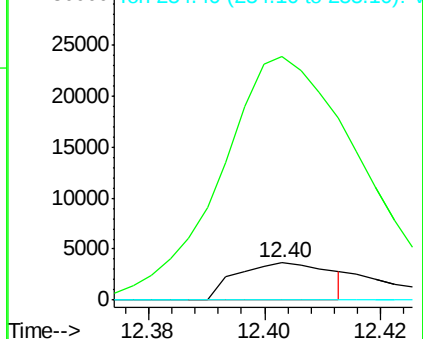


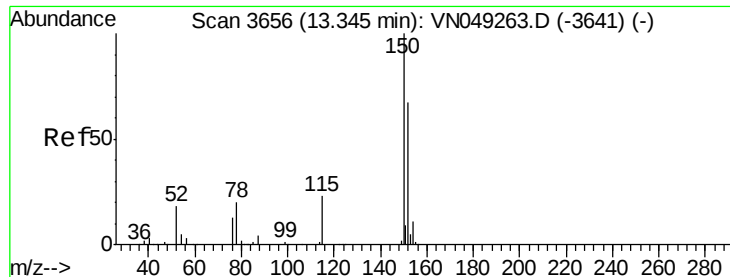
#71
Bromoform
Concen: 0.43 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

Tgt Ion:173 Resp: 4090
Ion Ratio Lower Upper
173 100
175 773.7 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: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

ClientSampleId :

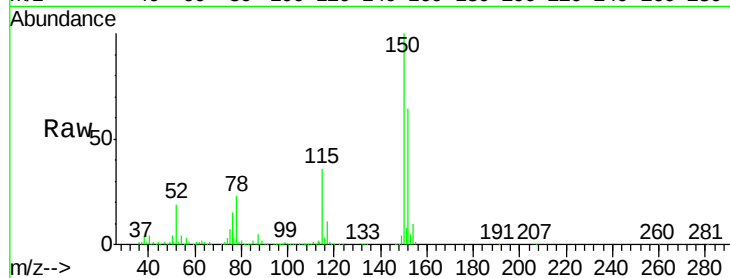
Tot Ion:152 Resp: 450288

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

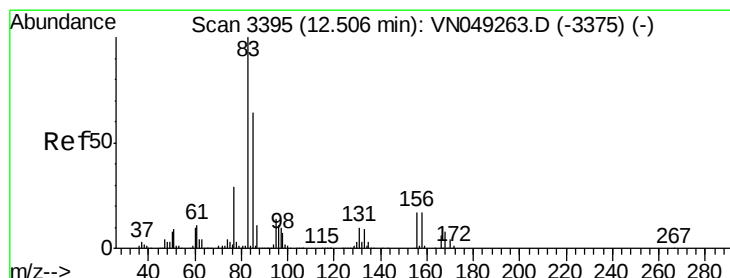
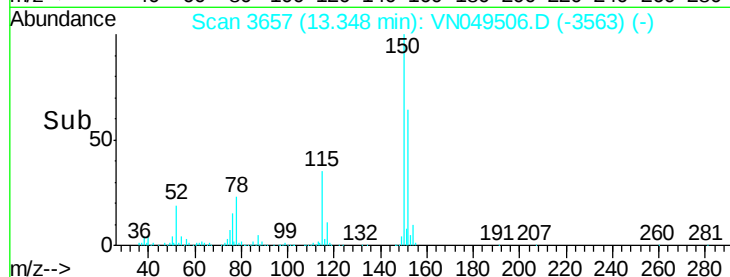
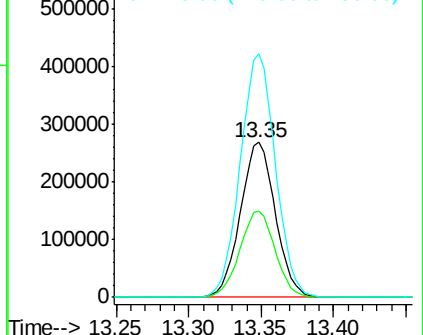
150 158.1 0.0 351.0



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: 12.54 min Scan# 3407

Delta R.T. 0.04 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

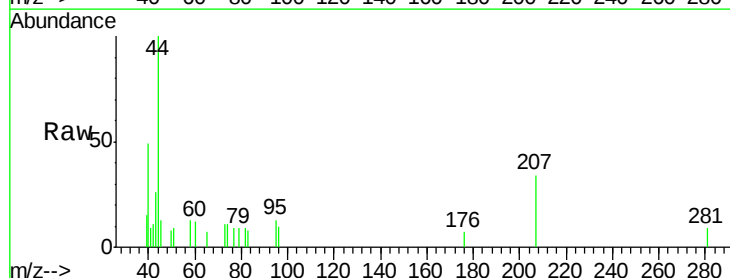
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

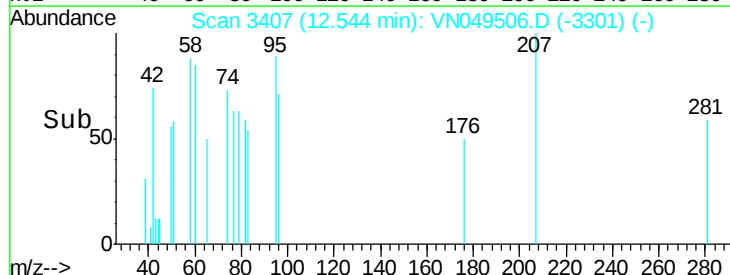
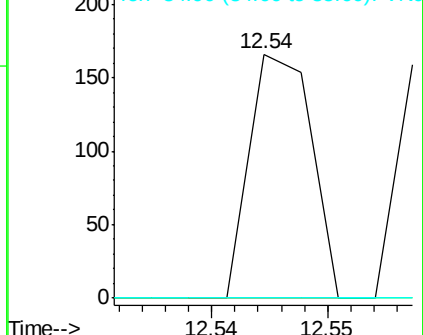
85 0.0 32.0 96.0#

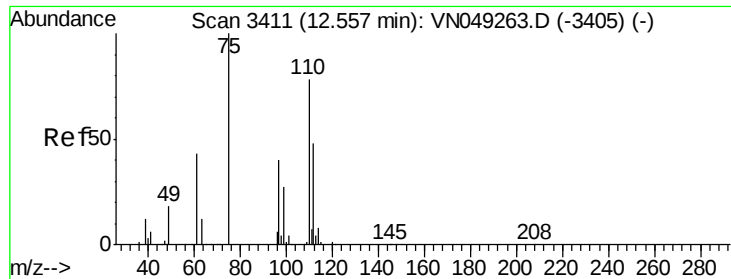


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 40.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

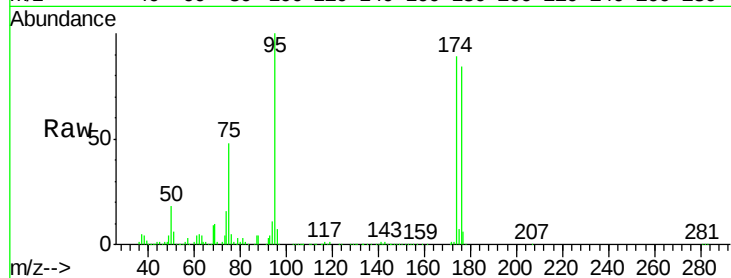
ClientSampled :

Tot Ion: 75 Resp: 307704

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

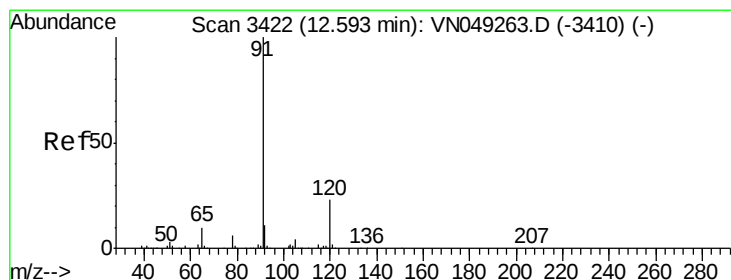
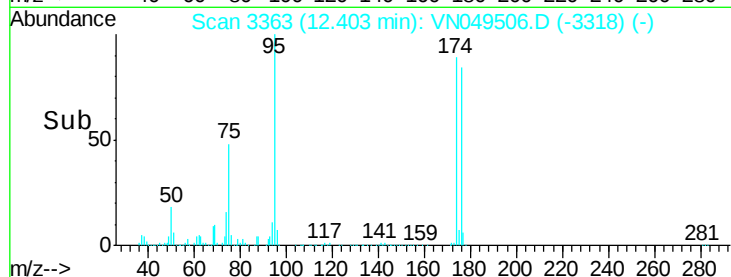
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.35 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049506.D

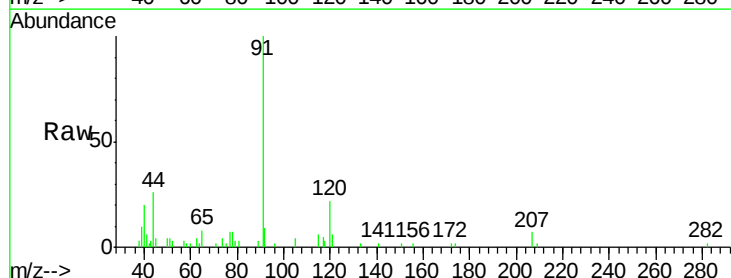
Acq: 22 Jun 2018 21:32

Tgt Ion: 91 Resp: 15100

Ion Ratio Lower Upper

91 100

120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): VN0

12.59

10000

8000

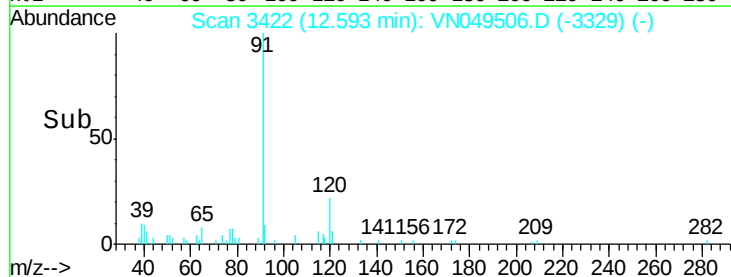
6000

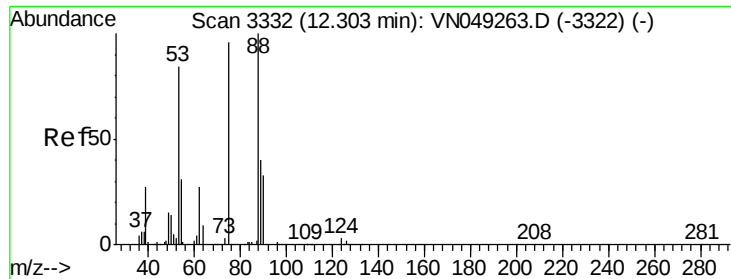
4000

2000

0

Time--> 12.55 12.60 12.65





#81

trans-1,4-Dichloro-2-butene

Concen: 126.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

ClientSampleId :

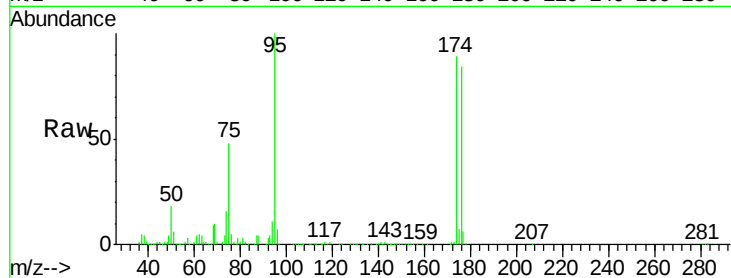
Tot Ion: 75 Resp: 307704

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

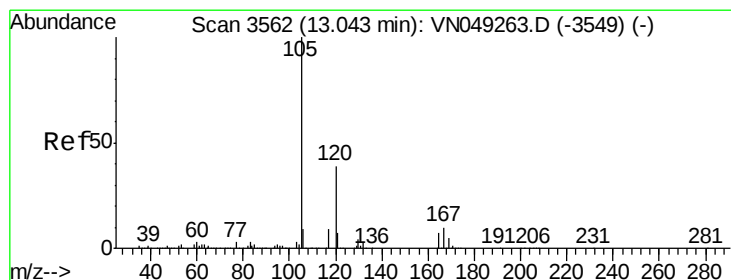
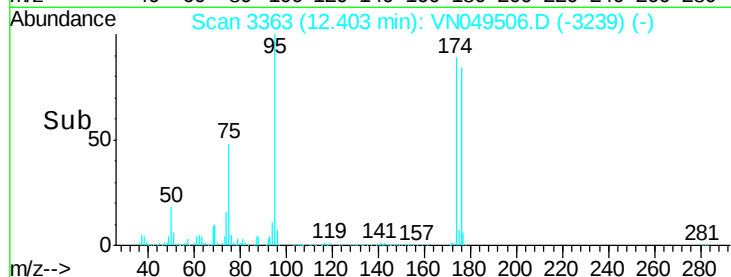
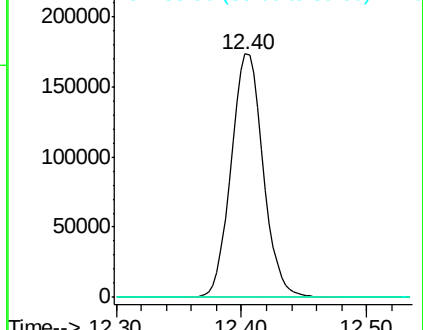
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049506.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049506.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049506.D (-3363) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.33 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049506.D

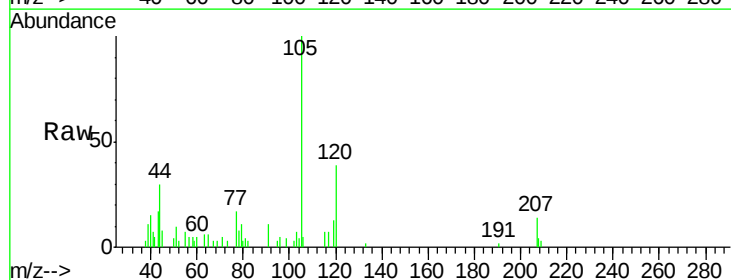
Acq: 22 Jun 2018 21:32

Tgt Ion: 105 Resp: 10115

Ion Ratio Lower Upper

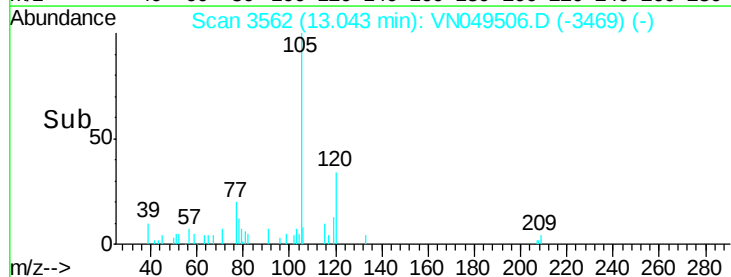
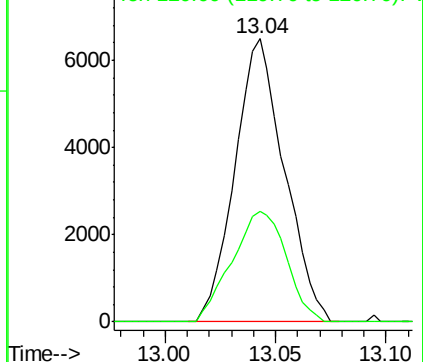
105 100

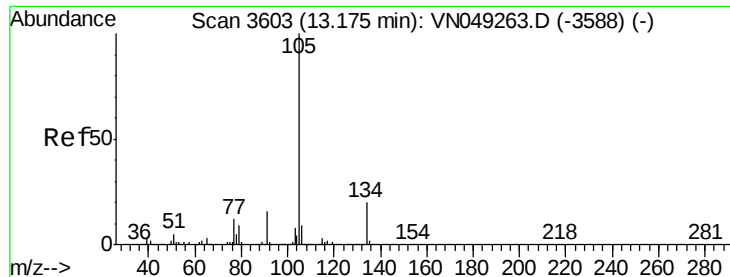
120 42.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): VN049506.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN049506.D (-3562) (-)





#85

sec-Butylbenzene

Concen: 0.22 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049506.D

Acq: 22 Jun 2018 21:32

Instrument :

MSVOA_N

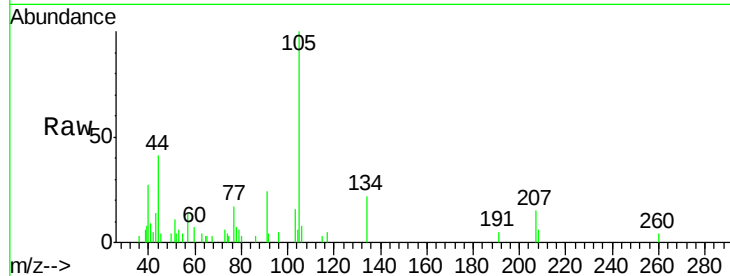
ClientSampleId :

Tot Ion:105 Resp: 7970

Ion Ratio Lower Upper

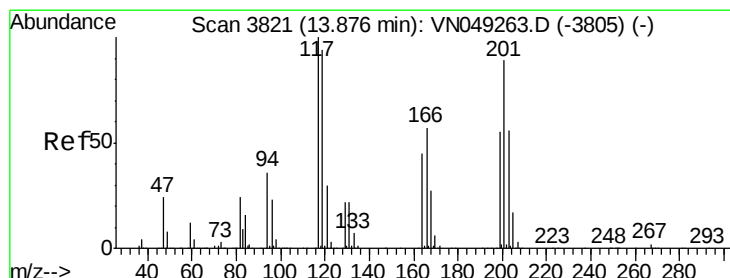
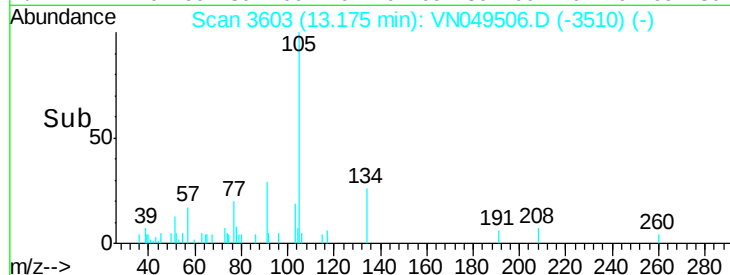
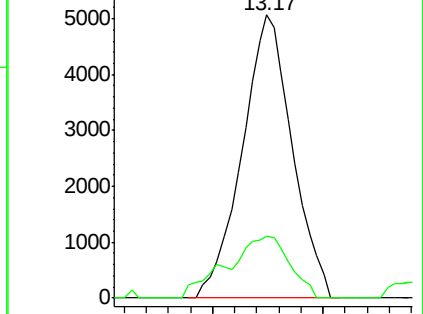
105 100

134 27.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049506.D

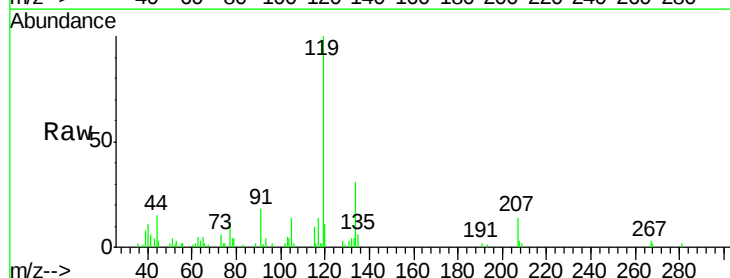
Acq: 22 Jun 2018 21:32

Tgt Ion:117 Resp: 3275

Ion Ratio Lower Upper

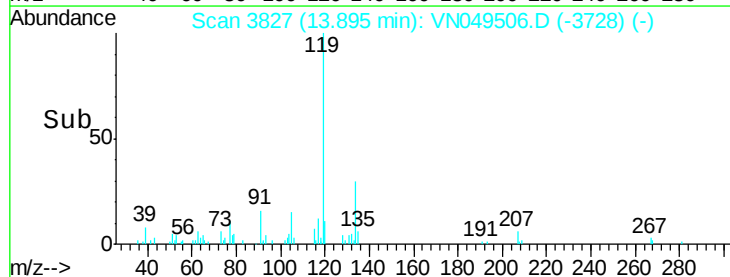
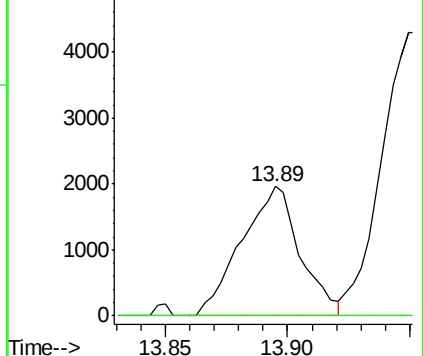
117 100

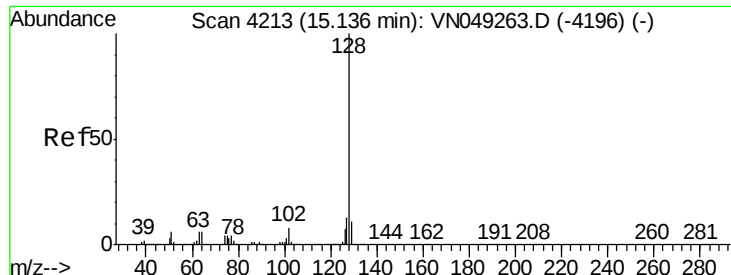
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

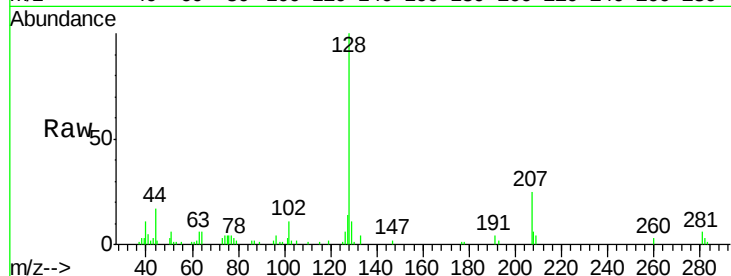




#95
Naphthalene
Concen: 4.26 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049506.D
Acq: 22 Jun 2018 21:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 27304
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 12.2 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

