

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049507.D
 Acq On : 22 Jun 2018 21:58
 Operator : MD\SY
 Sample : J3642-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 22 23:41:11 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	1084529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1732618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1452993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	405424	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	740119	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	7.59	113	661740	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
50) Toluene-d8	10.09	98	2360093	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	12.40	95	605541	34.31	ug/l	0.00
Spiked Amount			Recovery	=	68.62%	

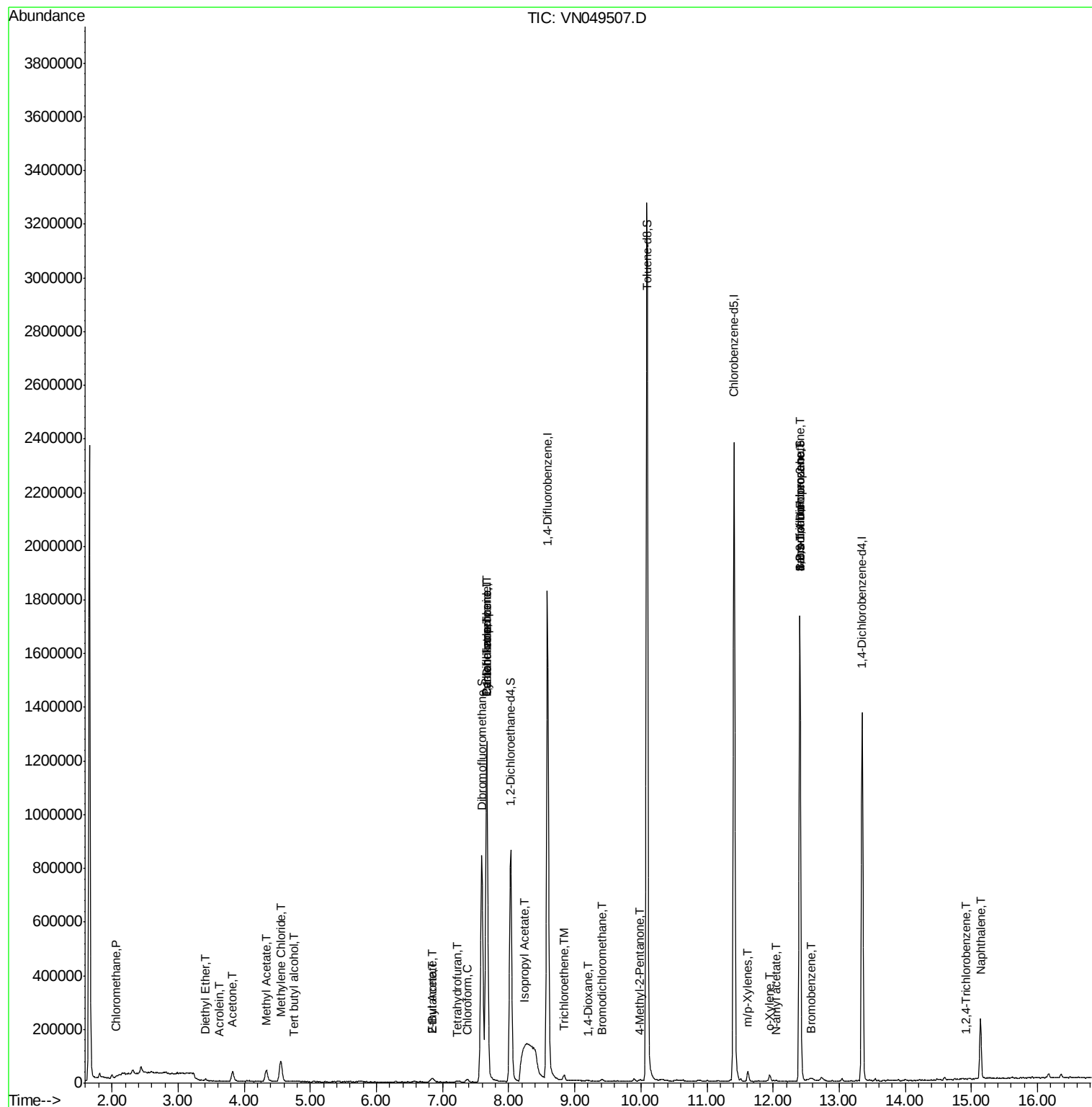
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3272	0.20	ug/l #	85
8) Diethyl Ether	3.41	74	2435	0.33	ug/l	71
11) Tert butyl alcohol	4.76	59	265	0.31	ug/l #	1
13) Acrolein	3.62	56	984	1.11	ug/l	92
16) Acetone	3.82	43	59602	17.07	ug/l	99
18) Methyl Acetate	4.33	43	82940	7.79	ug/l	93
20) Methylene Chloride	4.55	84	57992	3.98	ug/l	91
25) 2-Butanone	6.85	43	9540	2.03	ug/l	94
29) Tetrahydrofuran	7.22	42	2105	0.70	ug/l #	40
30) Chloroform	7.37	83	10977	0.44	ug/l	97
31) Cyclohexane	7.67	56	20803	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	77325	3.89	ug/l #	51
37) Ethyl Acetate	6.85	43	9540	0.88	ug/l #	74
38) Carbon Tetrachloride	7.67	117	100968	4.91	ug/l #	16
43) Isopropyl Acetate	8.22	43	116457	5.65	ug/l #	64
44) Trichloroethene	8.84	130	7555	0.47	ug/l	84
47) Bromodichloromethane	9.41	83	4239	0.21	ug/l	92
49) 1,4-Dioxane	9.19	88	169	1.26	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	3187	0.29	ug/l #	74
68) m/p-Xylenes	11.62	106	10823	0.46	ug/l	96
69) o-Xylene	11.95	106	5728	0.26	ug/l	98
71) Bromoform	12.40	173	5003	0.55	ug/l #	1
74) N-ethyl acetate	12.05	43	2320	0.27	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.47	83	29	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	294856	42.62	ug/l #	100
77) Bromobenzene	12.56	156	5695	0.61	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	294856	134.72	ug/l #	9
90) Hexachloroethane	13.89	117	366	Below	Cal #	9
93) 1,2,4-Trichlorobenzene	14.92	180	202	4.77	ug/l #	9
95) Naphthalene	15.14	128	192456	18.41	ug/l	99

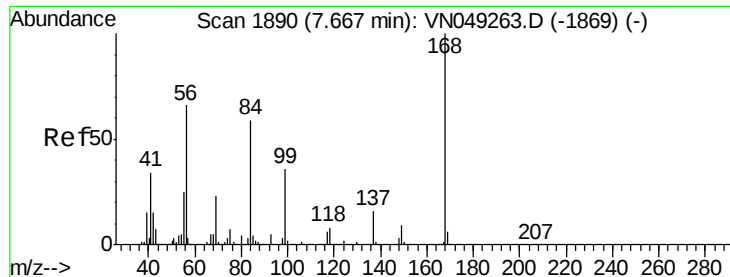
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

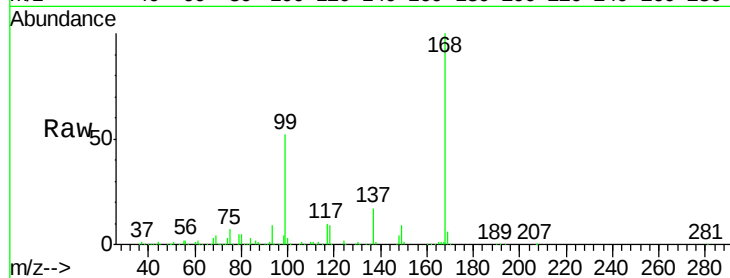
ClientSampleId :

Tot Ion:168 Resp: 1084529

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

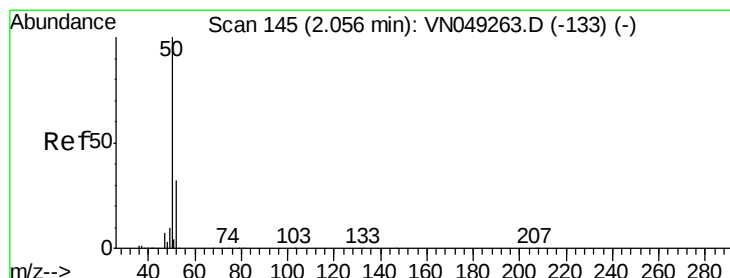
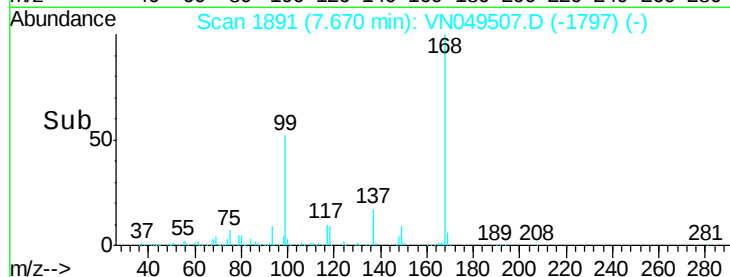
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049507.D

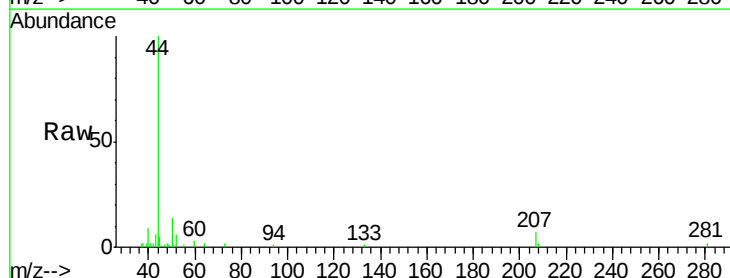
Acq: 22 Jun 2018 21:58

Tgt Ion: 50 Resp: 3272

Ion Ratio Lower Upper

50 100

52 39.7 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): V

Ion 51.90 (51.60 to 52.60): VN

2.06

2000

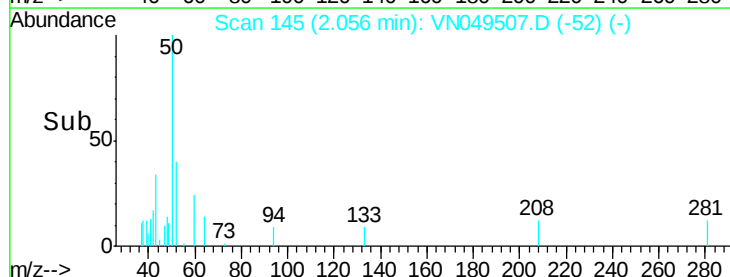
1500

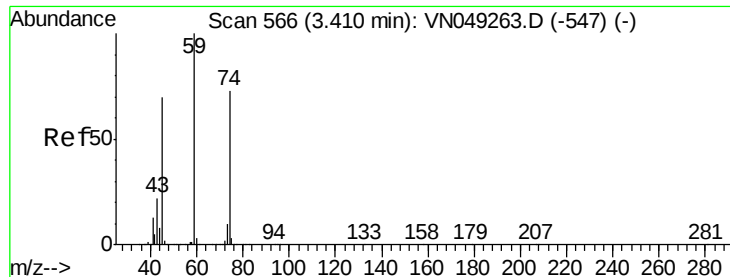
1000

500

0

Time-->





#8

Diethyl Ether

Concen: 0.33 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

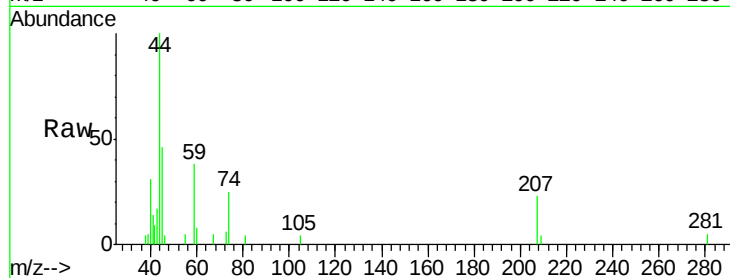
ClientSampleId :

Tot Ion: 74 Resp: 2435

Ion Ratio Lower Upper

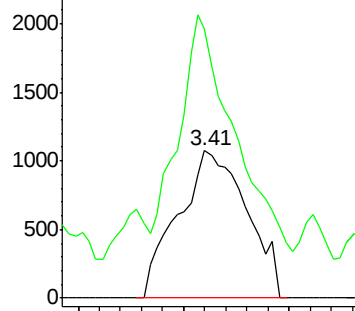
74 100

45 133.4 51.9 155.8

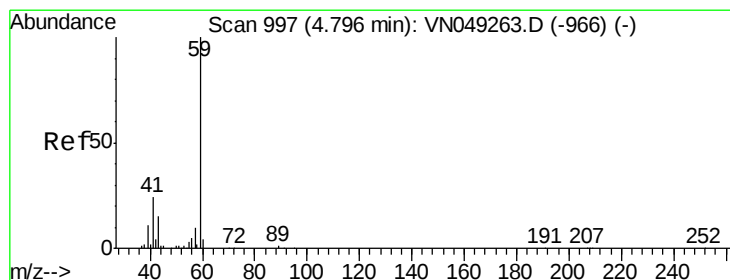
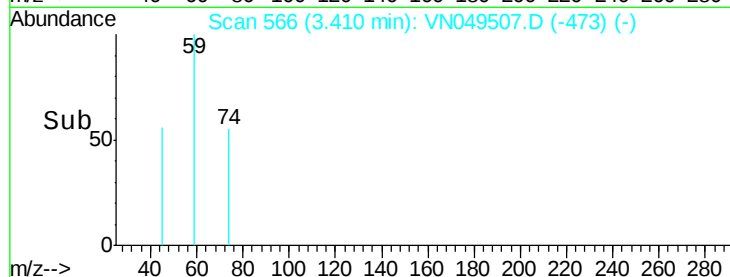


Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



Time--> 3.35 3.40 3.45



#11

Tert butyl alcohol

Concen: 0.31 ug/l

RT: 4.76 min Scan# 986

Delta R.T. -0.04 min

Lab File: VN049507.D

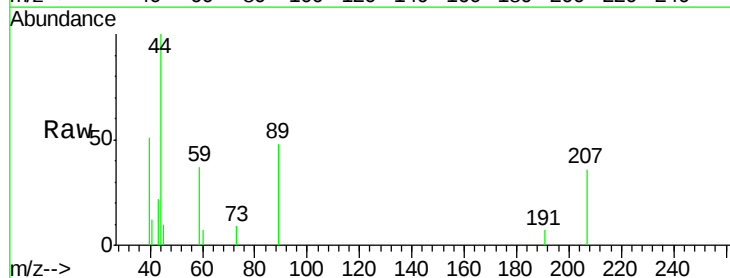
Acq: 22 Jun 2018 21:58

Tgt Ion: 59 Resp: 265

Ion Ratio Lower Upper

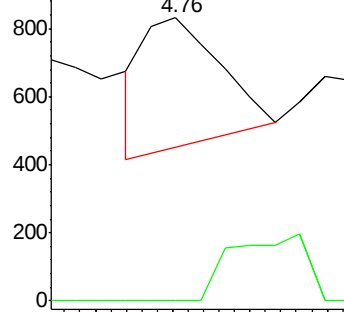
59 100

57 49.8 9.0 13.6#

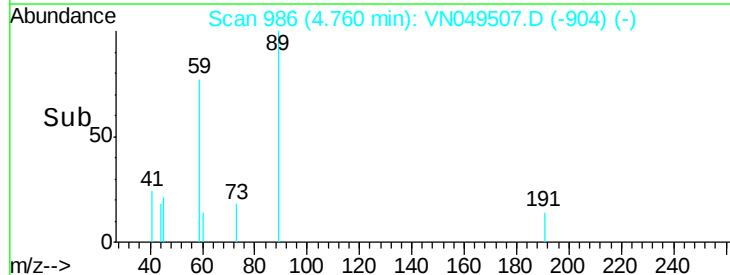


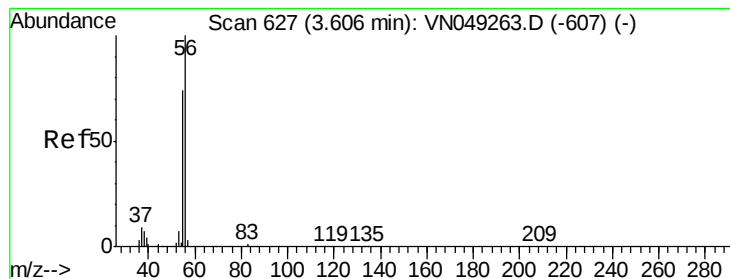
Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



Time--> 4.75 4.76 4.77 4.78





#13

Acrolein

Concen: 1.11 ug/l

RT: 3.62 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

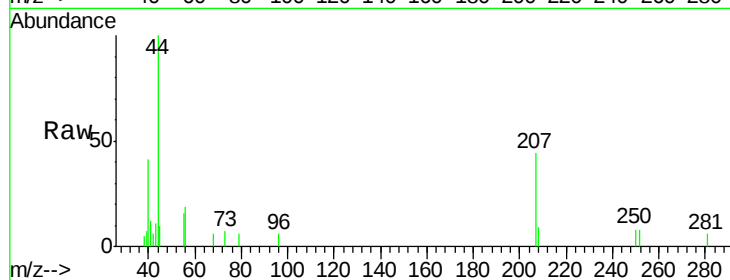
ClientSampled :

Tot Ion: 56 Resp: 984

Ion Ratio Lower Upper

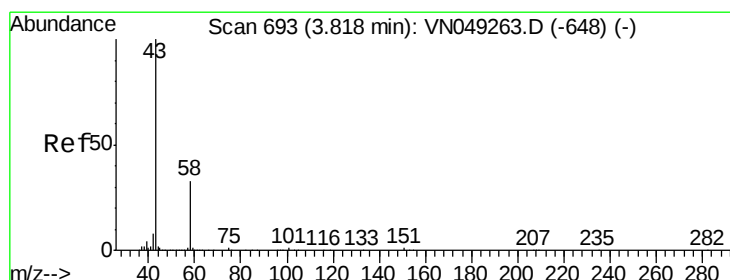
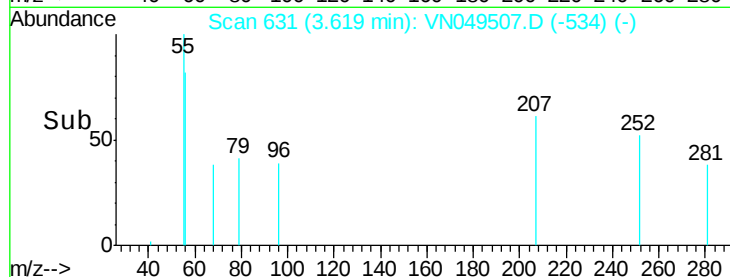
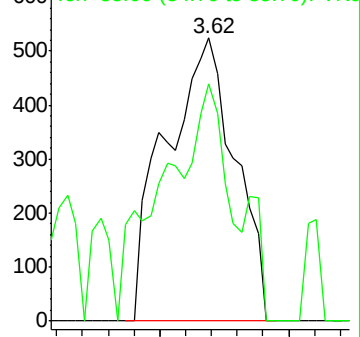
56 100

55 77.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 17.07 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049507.D

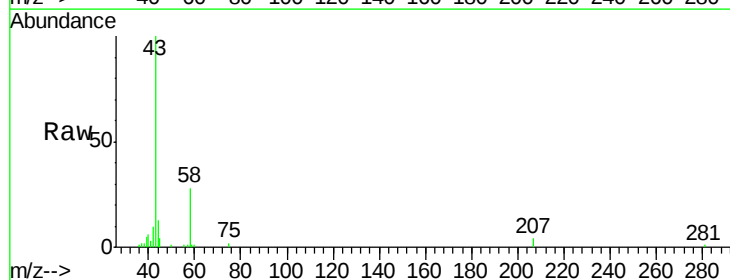
Acq: 22 Jun 2018 21:58

Tgt Ion: 43 Resp: 59602

Ion Ratio Lower Upper

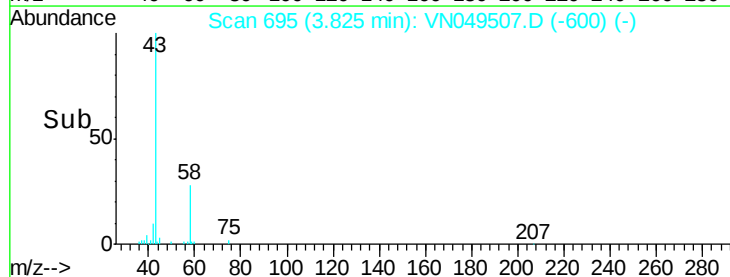
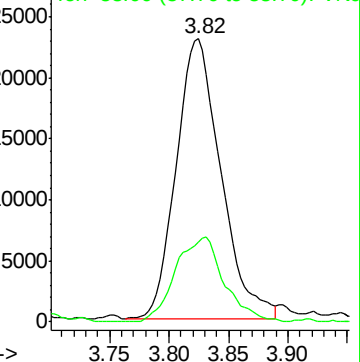
43 100

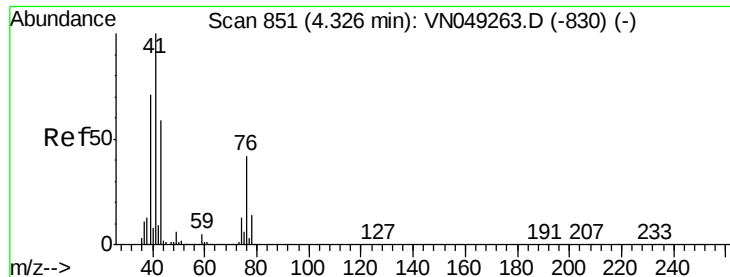
58 28.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

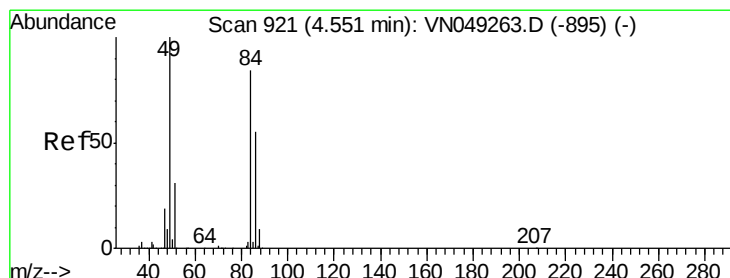
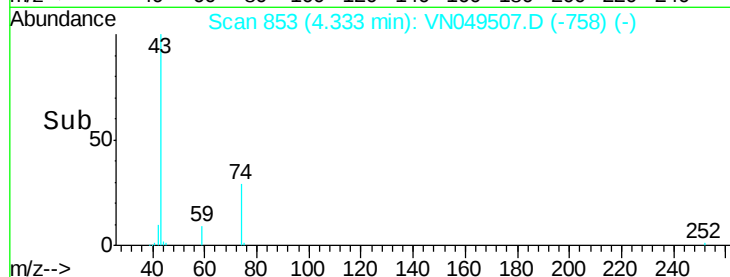
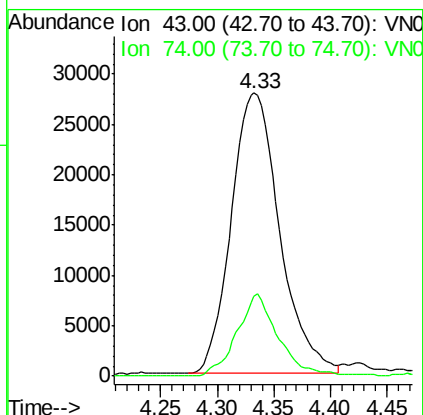
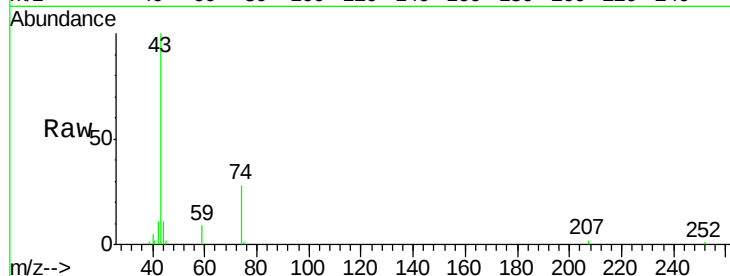




#18
Methvl Acetate
Concen: 7.79 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049507.D
Acq: 22 Jun 2018 21:58

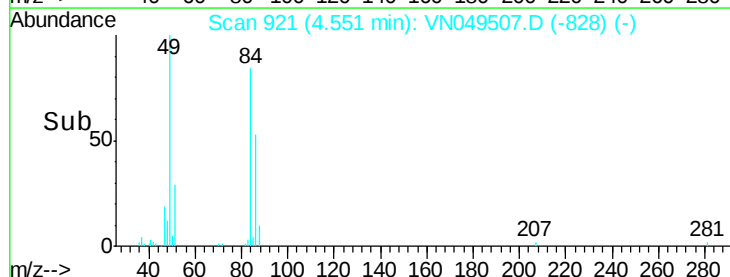
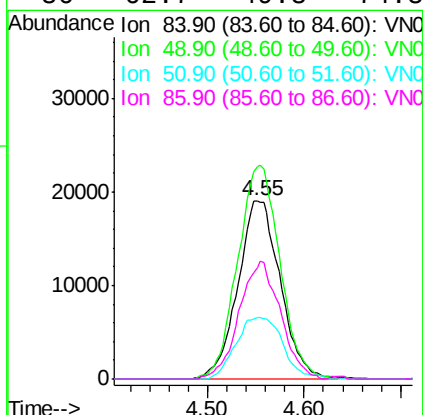
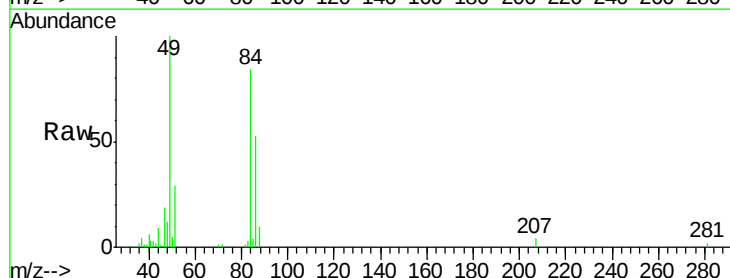
Instrument :
MSVOA_N
ClientSampled :

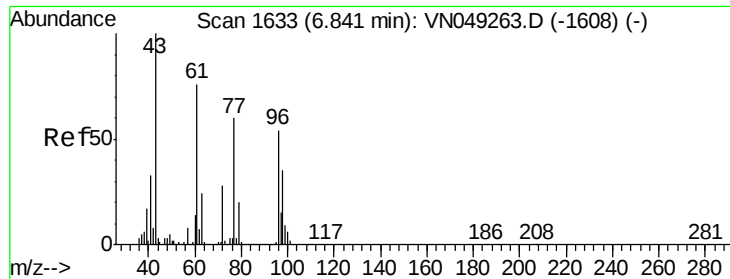
Tot Ion: 43 Resp: 82940
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0



#20
Methylene Chloride
Concen: 3.98 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049507.D
Acq: 22 Jun 2018 21:58

Tgt Ion: 84 Resp: 57992
Ion Ratio Lower Upper
84 100
49 119.2 106.9 160.3
51 34.8 32.7 49.1
86 62.7 49.8 74.8





#25

2-Butanone

Concen: 2.03 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

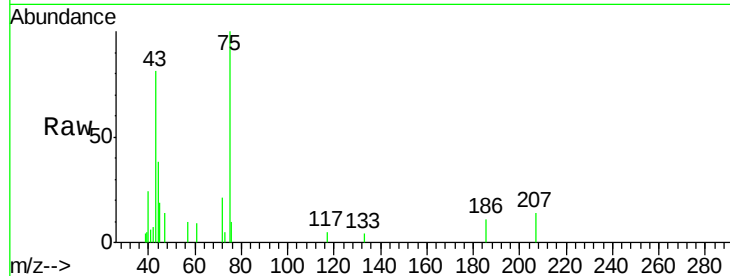
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 9540

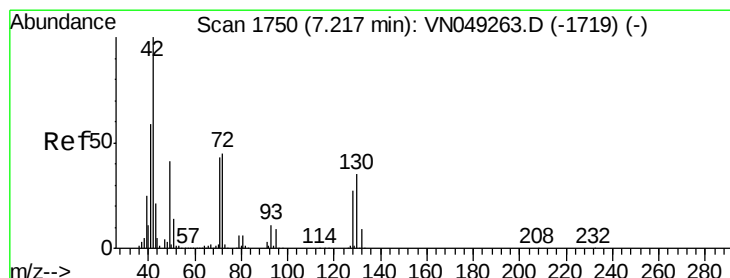
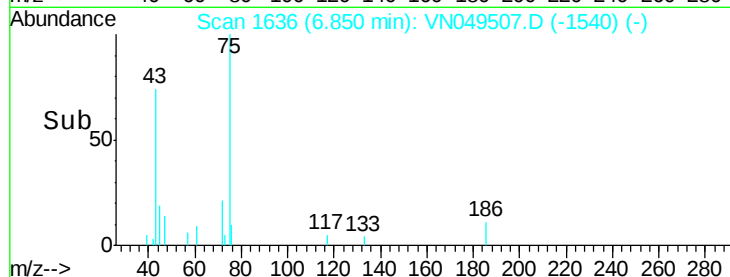
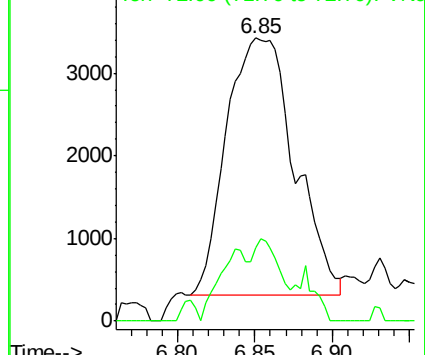
Ion Ratio Lower Upper

43 100

72 28.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049507.D (-1540) (-)



#29

Tetrahydrofuran

Concen: 0.70 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

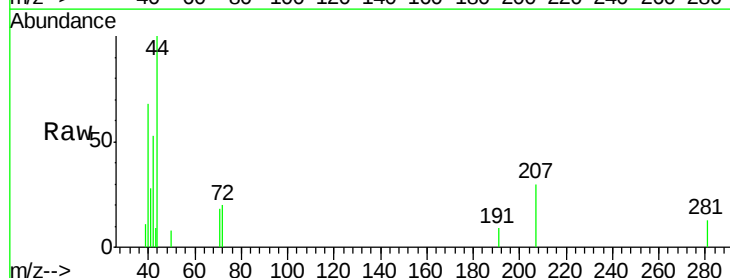
Tgt Ion: 42 Resp: 2105

Ion Ratio Lower Upper

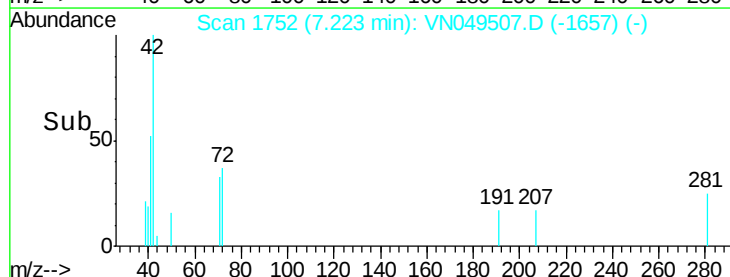
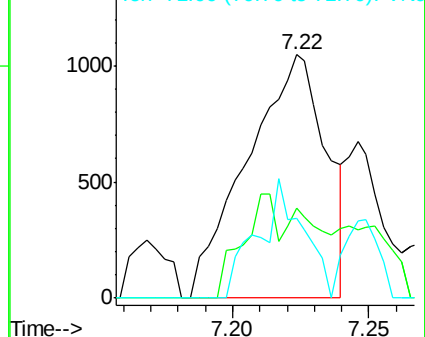
42 100

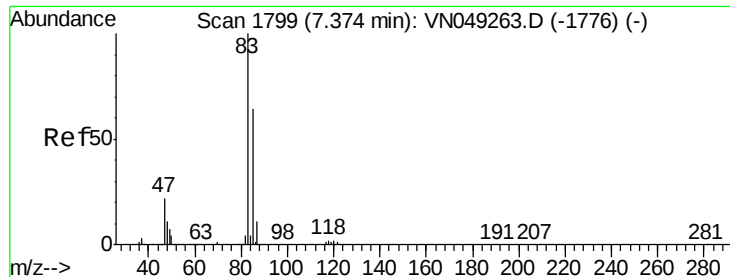
72 4.5 32.2 48.4#

71 0.0 30.5 45.7#



Abundance Ion 42.00 (41.70 to 42.70): VN049507.D (-1657) (-)





#30

Chloroform

Concen: 0.44 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

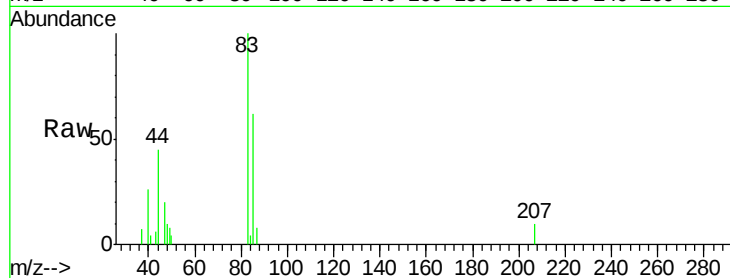
ClientSampleId :

Tot Ion: 83 Resp: 10977

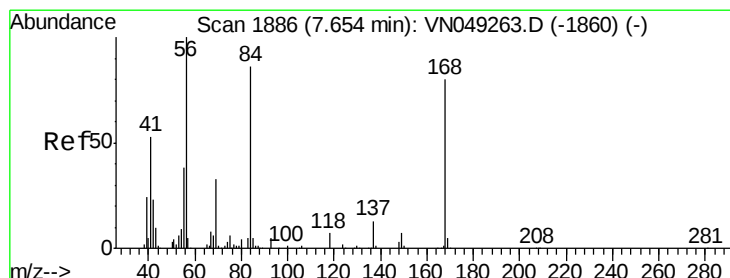
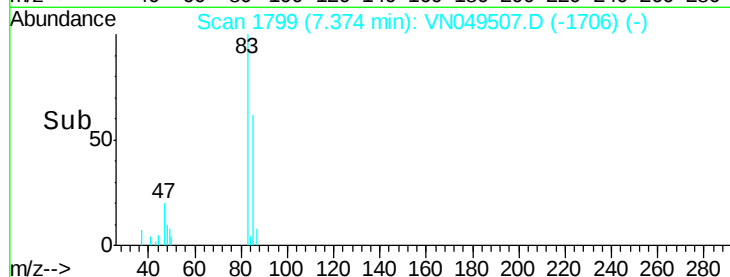
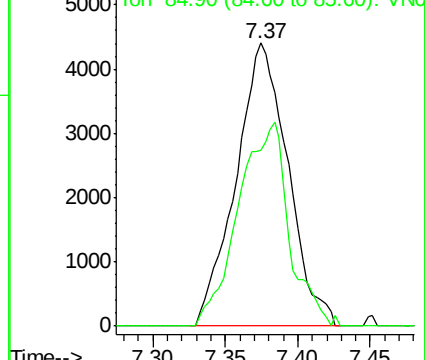
Ion Ratio Lower Upper

83 100

85 62.1 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049507.D (-1776) (-)



#31

Cyclohexane

Concen: 0.80 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

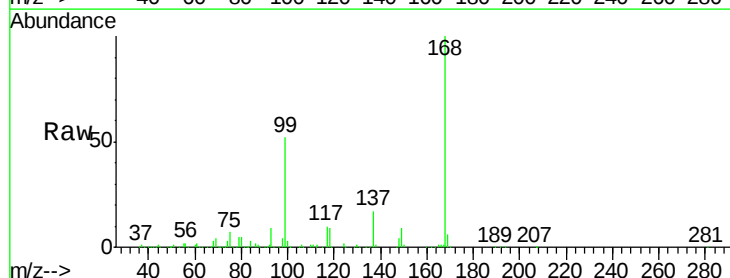
Tgt Ion: 56 Resp: 20803

Ion Ratio Lower Upper

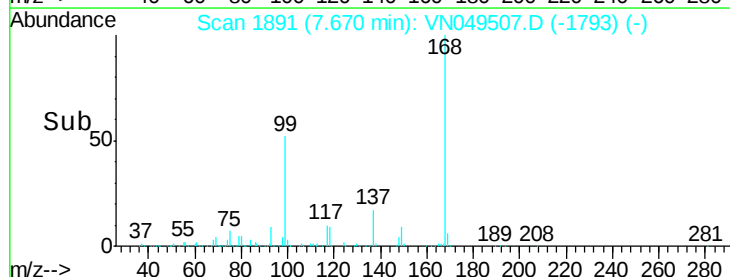
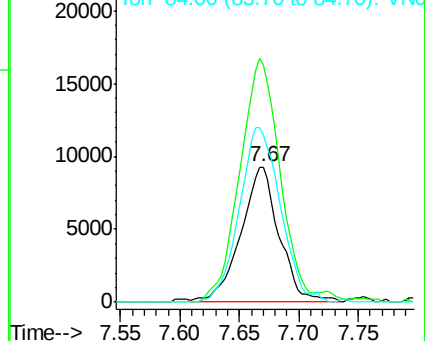
56 100

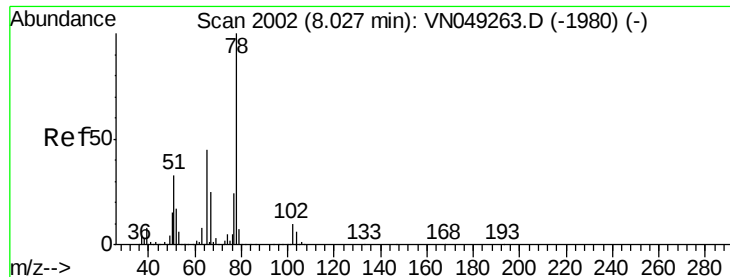
69 176.0 25.0 37.4#

84 123.3 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049507.D (-1860) (-)





#33

1,2-Dichloroethane-d4

Concen: 51.45 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

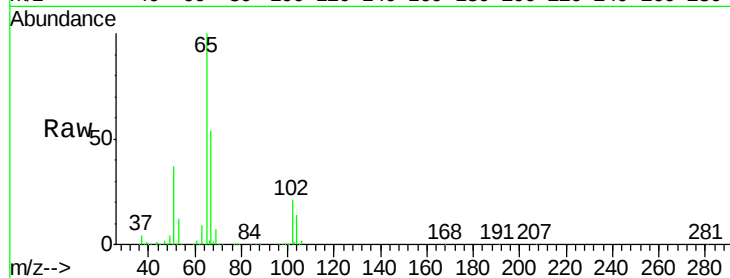
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 740119

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049507.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049507.D (-1909) (-)

8.03

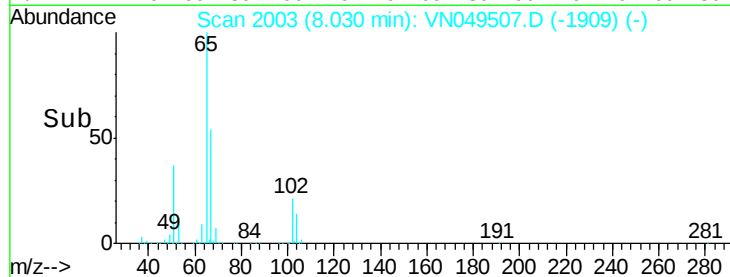
300000

200000

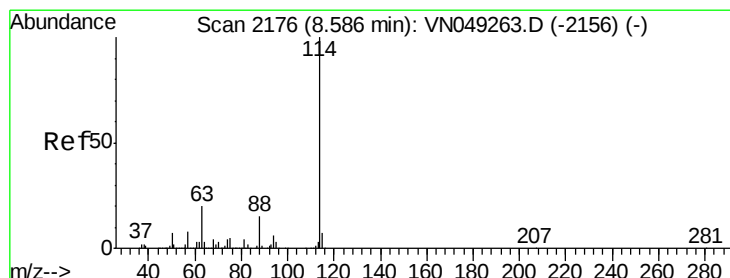
100000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

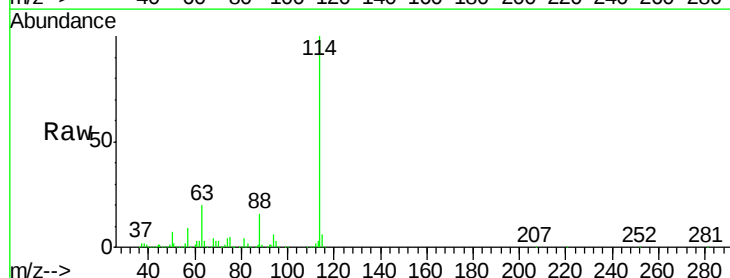
Tgt Ion: 114 Resp: 1732618

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049507.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049507.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049507.D (-2083) (-)

8.59

1000000

800000

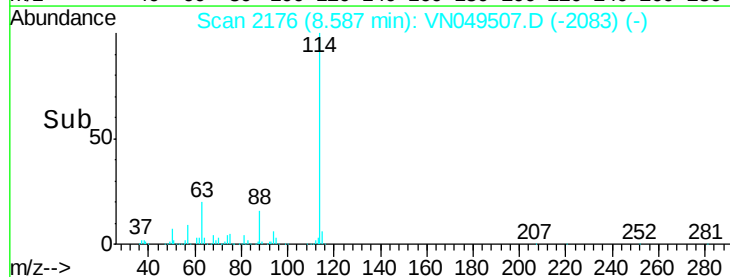
600000

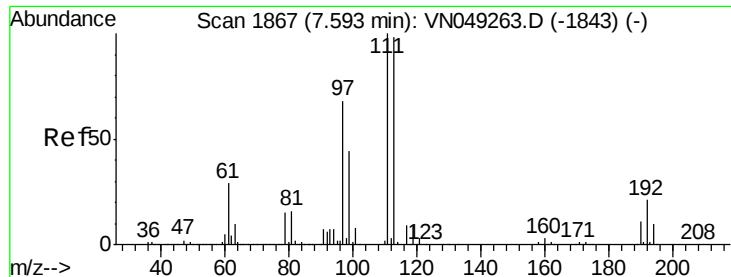
400000

200000

0

Time-->

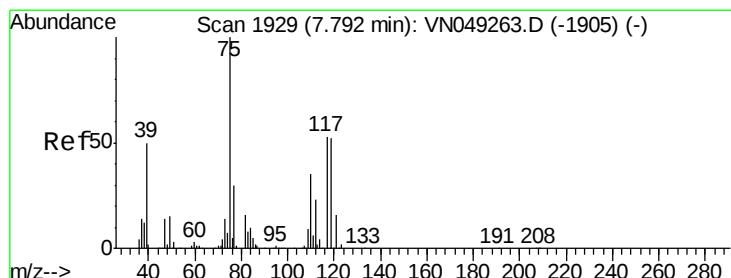
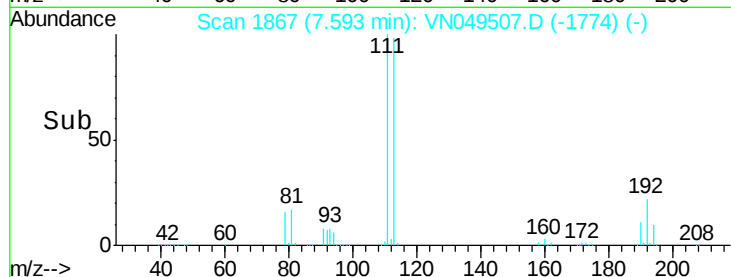
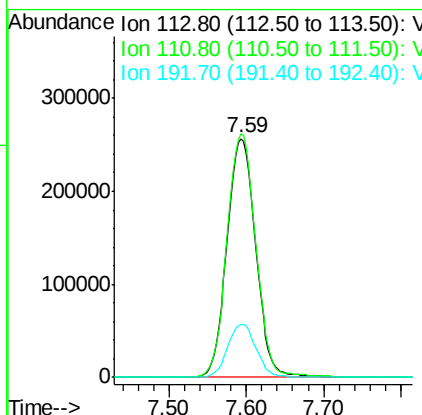
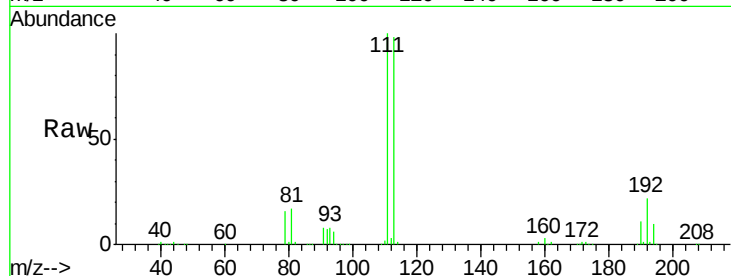




#35
 Dibromofluoromethane
 Concen: 47.21 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049507.D
 Acq: 22 Jun 2018 21:58

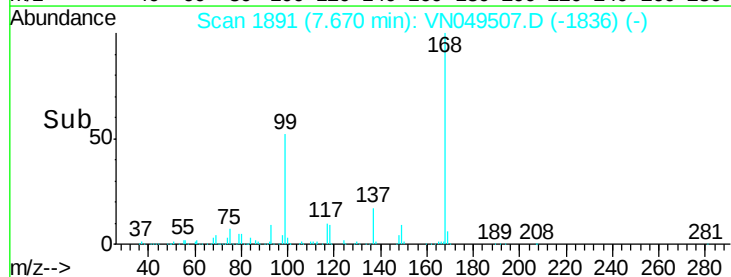
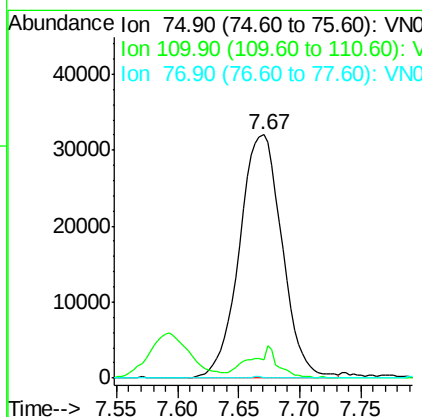
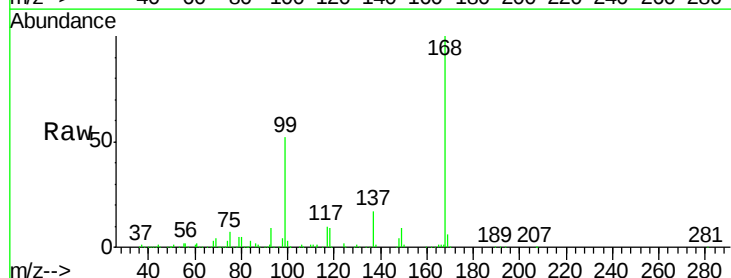
Instrument :
 MSVOA_N
 ClientSampleId :

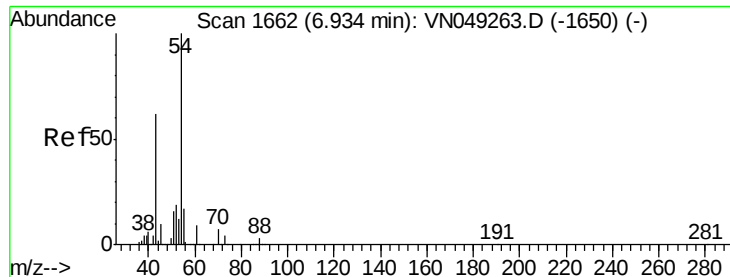
Tot Ion:113 Resp: 661740
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 21.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.89 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049507.D
 Acq: 22 Jun 2018 21:58

Tgt Ion: 75 Resp: 77325
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.0 50.9#
 77 0.1 24.4 36.6#

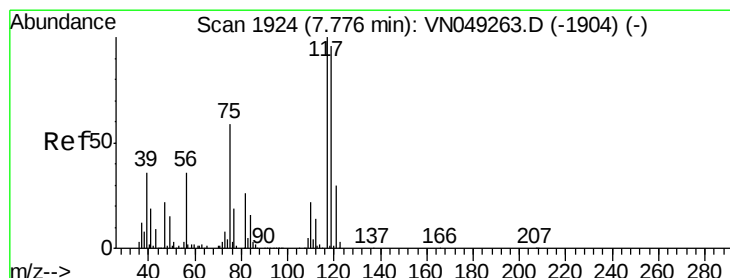
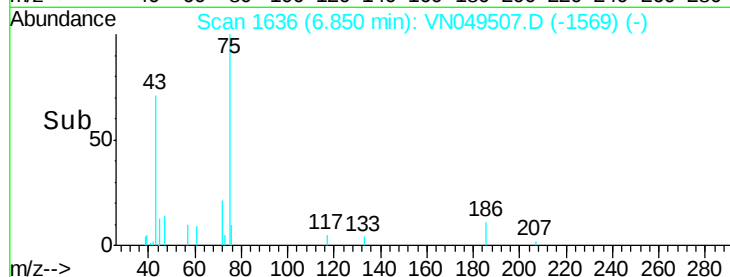
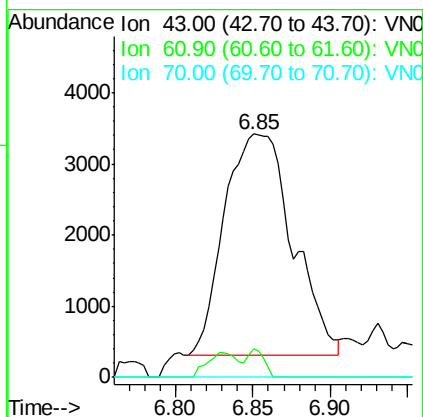
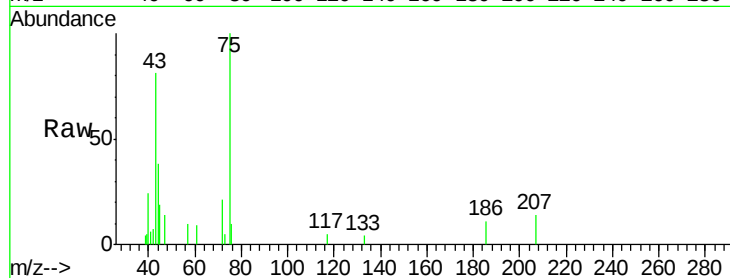




#37
Ethyl Acetate
Concen: 0.88 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. -0.08 min
Lab File: VN049507.D
Acq: 22 Jun 2018 21:58

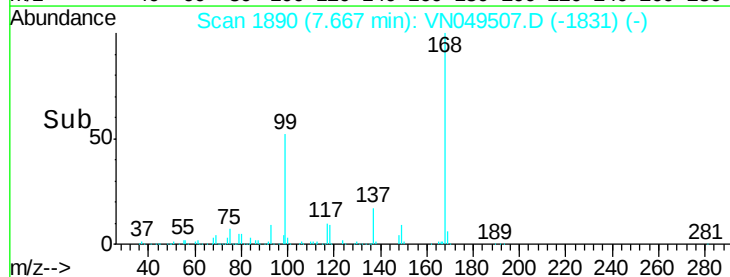
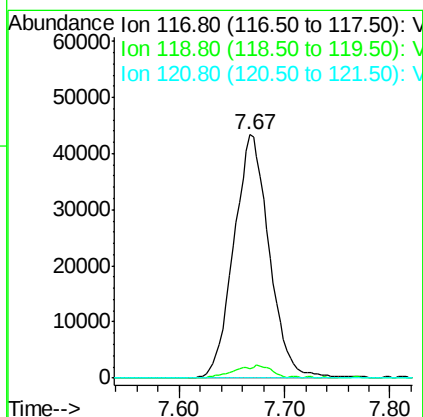
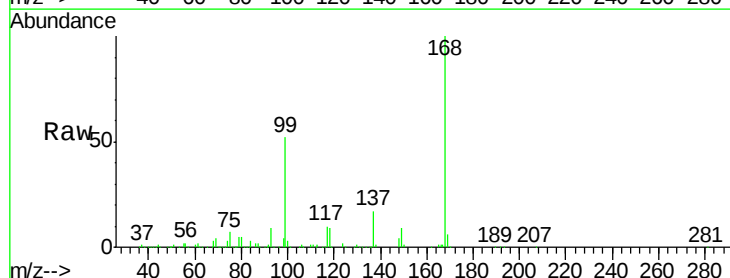
Instrument :
MSVOA_N
ClientSampleId :

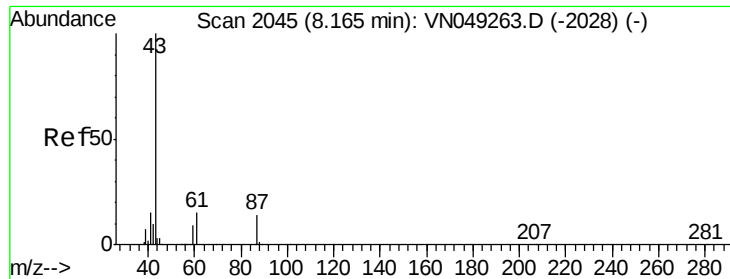
Tot Ion: 43 Resp: 9540
Ion Ratio Lower Upper
43 100
61 3.0 11.0 16.4#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 4.91 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049507.D
Acq: 22 Jun 2018 21:58

Tgt Ion: 117 Resp: 100968
Ion Ratio Lower Upper
117 100
119 4.1 75.6 113.4#
121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 5.65 ug/l

RT: 8.22 min Scan# 2063

Delta R.T. 0.06 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

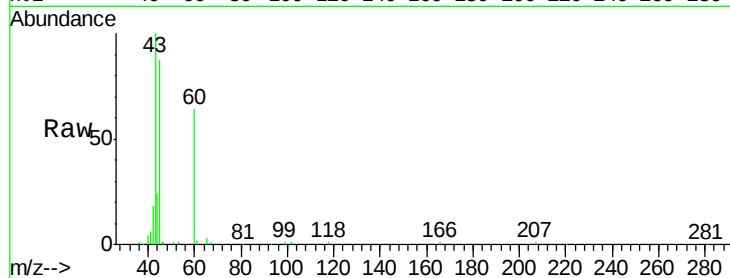
Tot Ion: 43 Resp: 116457

Ion Ratio Lower Upper

43 100

61 0.5 14.2 21.4#

87 0.0 9.4 14.0#

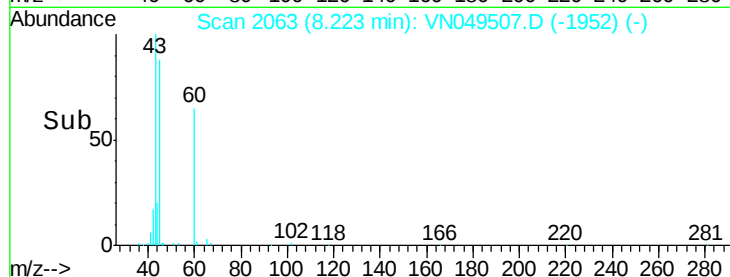


Abundance Ion 43.00 (42.70 to 43.70): VN049507.D (-2063) (-)

Ion 61.00 (60.70 to 61.70): VN049507.D (-2063) (-)

Ion 87.00 (86.70 to 87.70): VN049507.D (-2063) (-)

Time-->



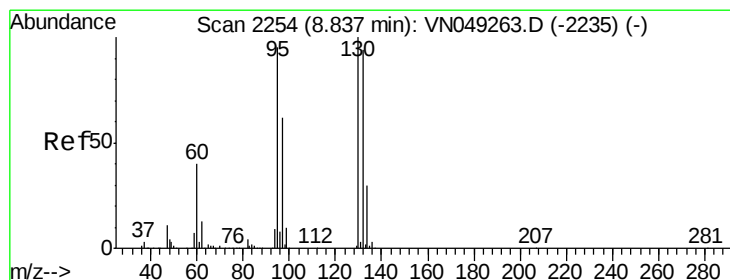
Abundance

Ion 43.00 (42.70 to 43.70): VN049507.D (-2063) (-)

Ion 61.00 (60.70 to 61.70): VN049507.D (-2063) (-)

Ion 87.00 (86.70 to 87.70): VN049507.D (-2063) (-)

Time-->



#44

Trichloroethene

Concen: 0.47 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VN049507.D

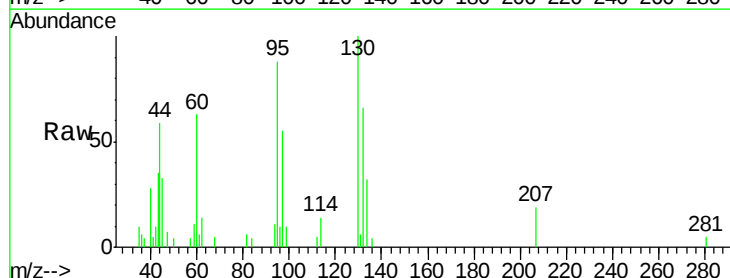
Acq: 22 Jun 2018 21:58

Tgt Ion: 130 Resp: 7555

Ion Ratio Lower Upper

130 100

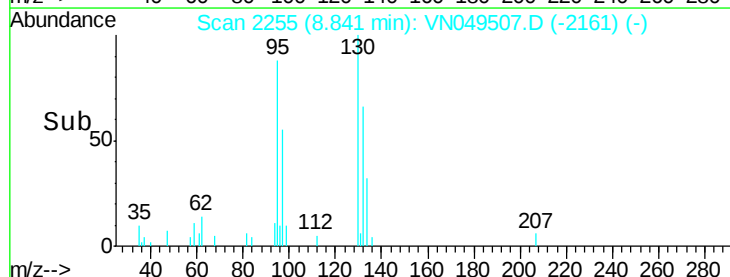
95 87.5 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049507.D (-2255) (-)

Ion 94.90 (94.60 to 95.60): VN049507.D (-2255) (-)

Time-->

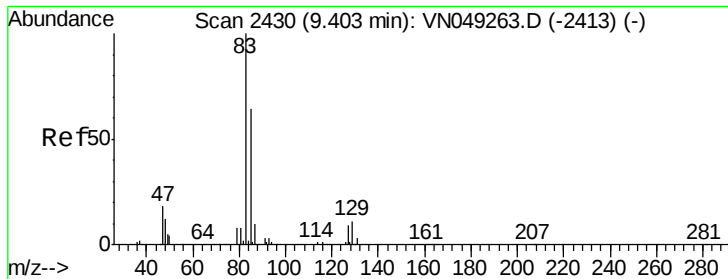


Abundance

Ion 129.80 (129.50 to 130.50): VN049507.D (-2255) (-)

Ion 94.90 (94.60 to 95.60): VN049507.D (-2255) (-)

Time-->



#47

Bromodichloromethane

Concen: 0.21 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :
MSVOA_N
ClientSampled :

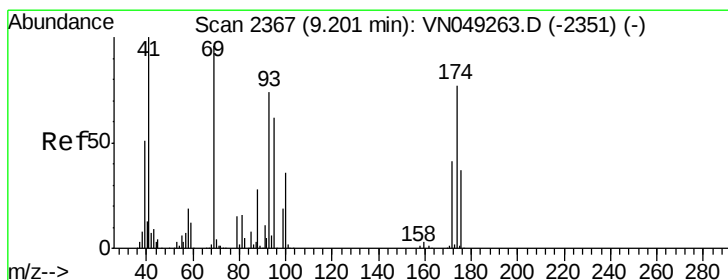
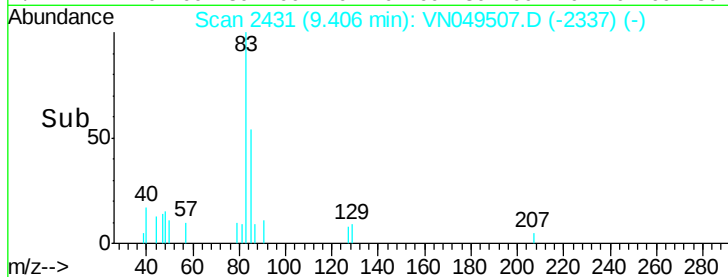
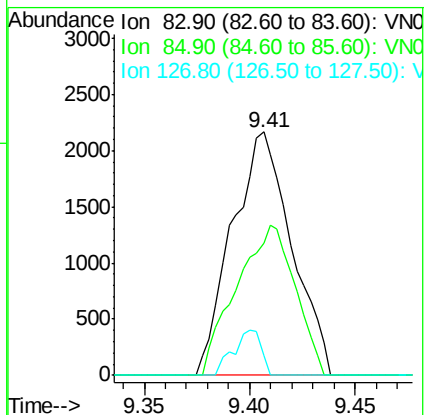
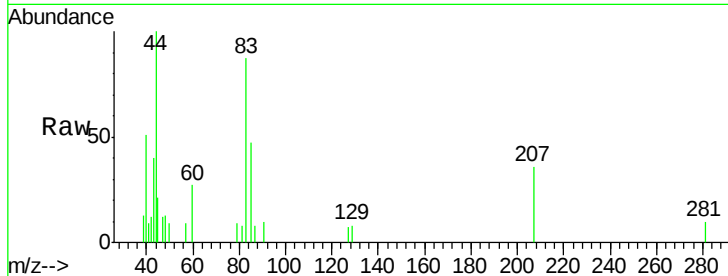
Tot Ion: 83 Resp: 4239

Ion Ratio Lower Upper

83 100

85 54.4 49.4 74.0

127 8.0 6.3 9.5



#49

1,4-Dioxane

Concen: 1.26 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. -0.01 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

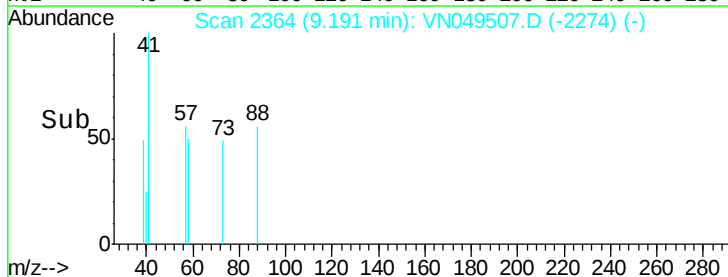
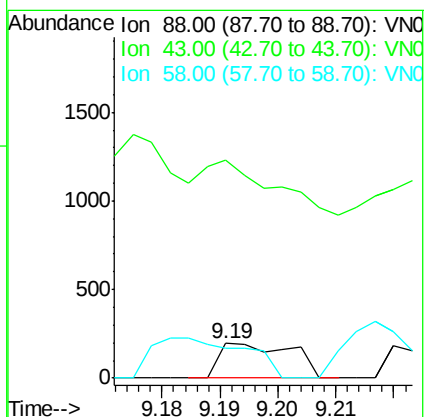
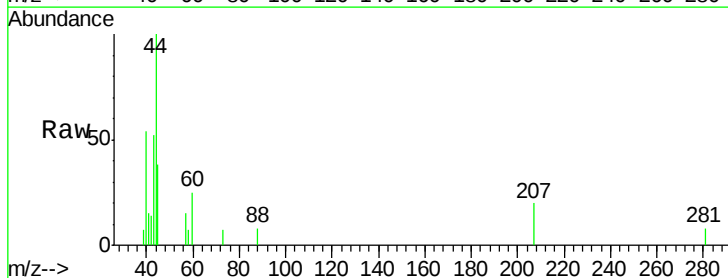
Tgt Ion: 88 Resp: 169

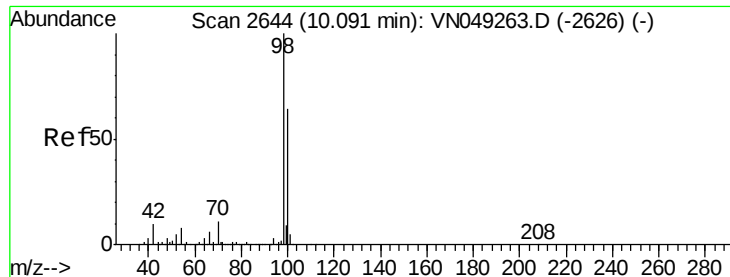
Ion Ratio Lower Upper

88 100

43 107.1 30.9 46.3#

58 150.9 58.9 88.3#





#50

Toluene-d8

Concen: 44.22 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

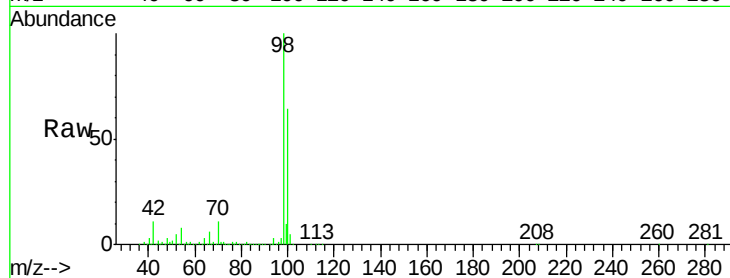
ClientSampled :

Tot Ion: 98 Resp: 2360093

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049507.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049507.D (-2551) (-)

10.09

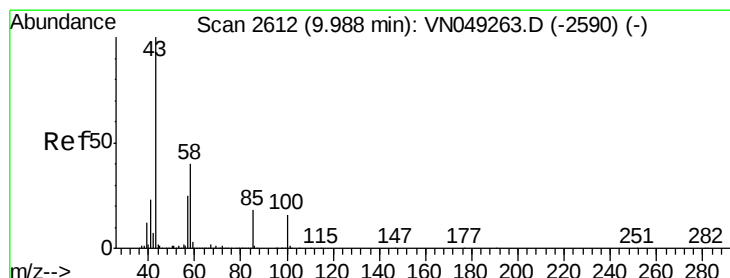
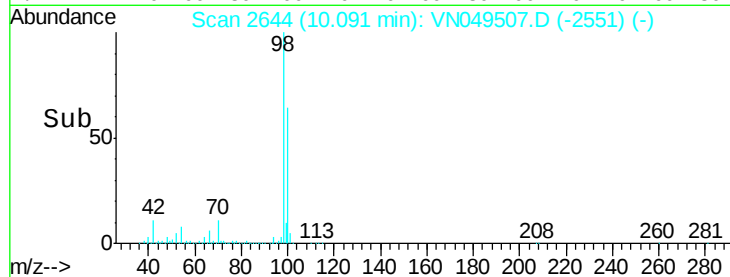
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.29 ug/l

RT: 9.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: VN049507.D

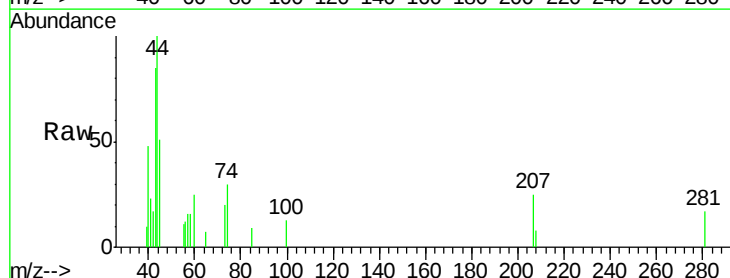
Acq: 22 Jun 2018 21:58

Tgt Ion: 43 Resp: 3187

Ion Ratio Lower Upper

43 100

58 21.1 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049507.D (-2519) (-)

Ion 58.00 (57.70 to 58.70): VN049507.D (-2519) (-)

9.98

2000

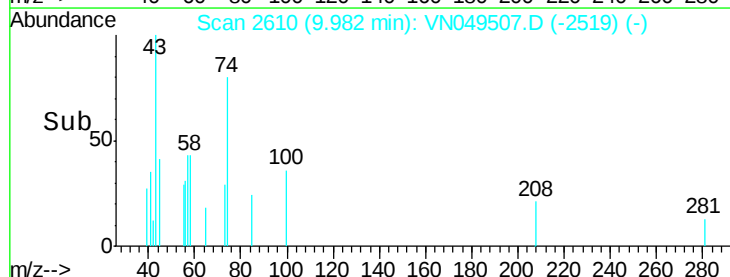
1500

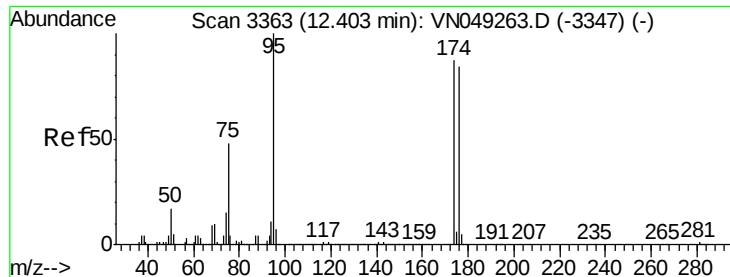
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 34.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

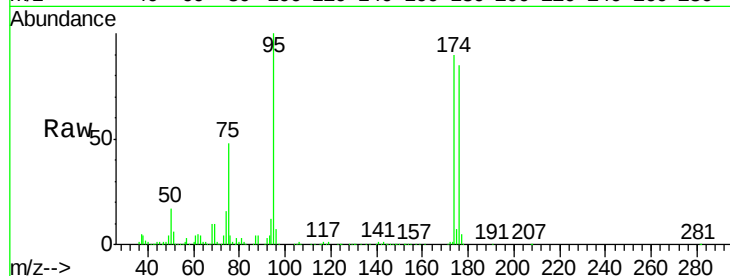
Tot Ion: 95 Resp: 605541

Ion Ratio Lower Upper

95 100

174 89.7 0.0 165.6

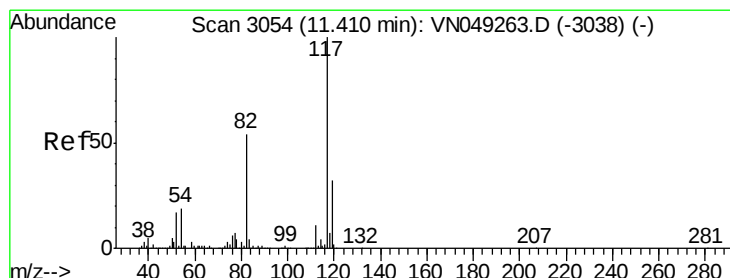
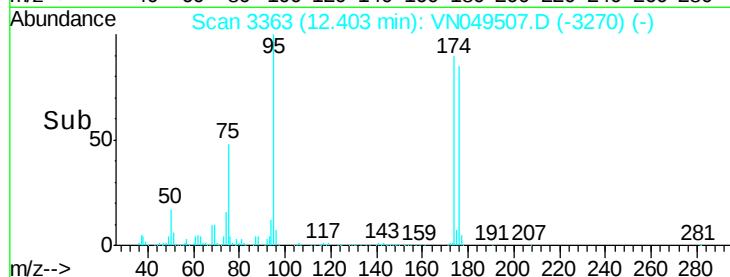
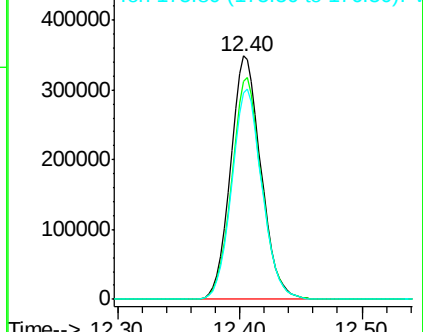
176 85.7 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049507.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049507.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049507.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

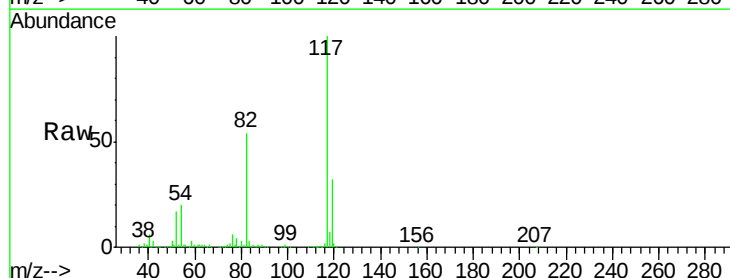
Tgt Ion: 117 Resp: 1452993

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

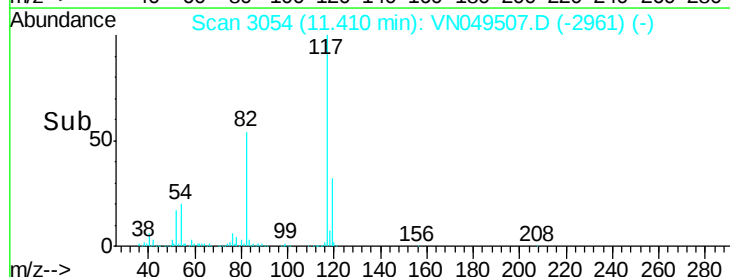
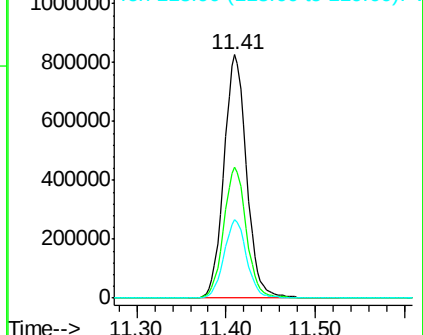
119 32.2 25.5 38.3

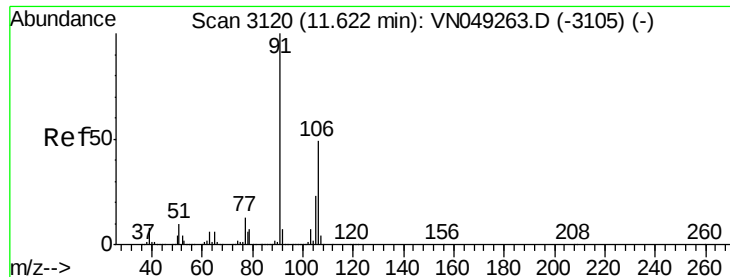


Abundance Ion 116.90 (116.60 to 117.60): VN049507.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049507.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049507.D (-2961) (-)

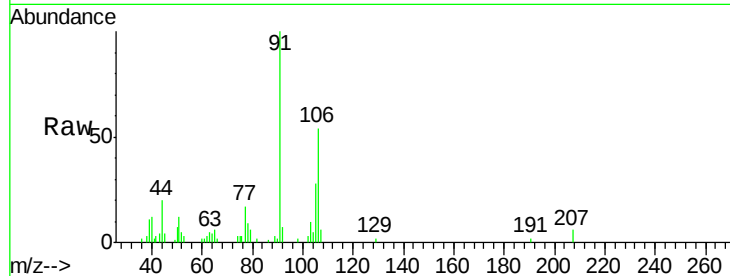




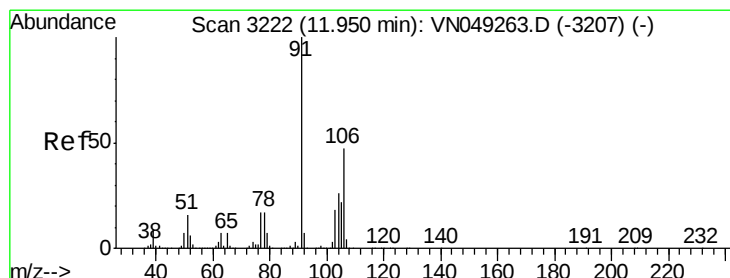
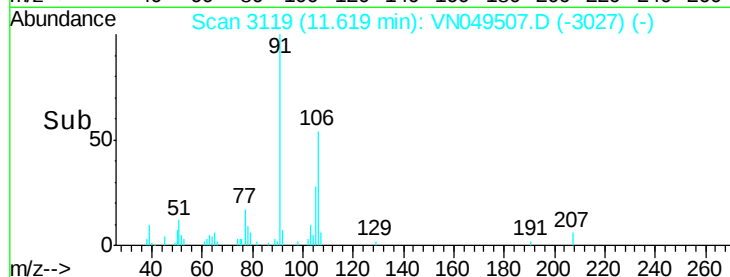
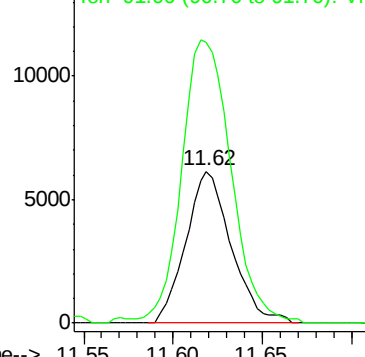
#68
m/p-Xvlenes
Concen: 0.46 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049507.D
Acq: 22 Jun 2018 21:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 10823
Ion Ratio Lower Upper
106 100
91 203.1 167.3 250.9

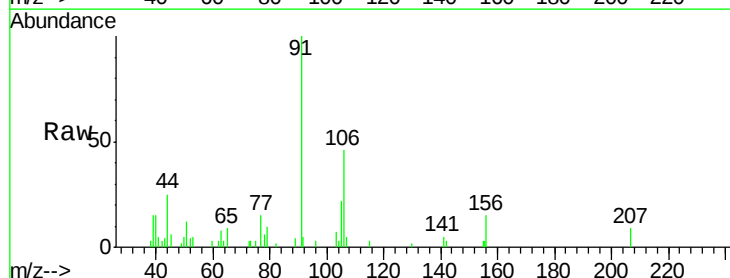


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

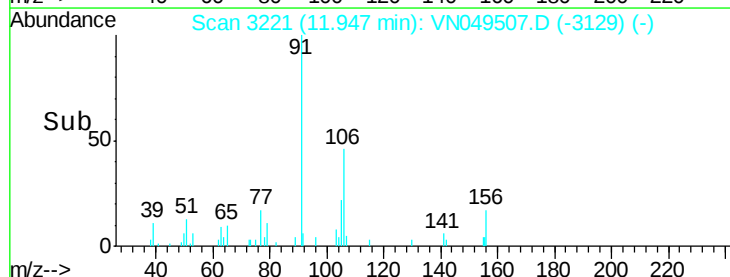
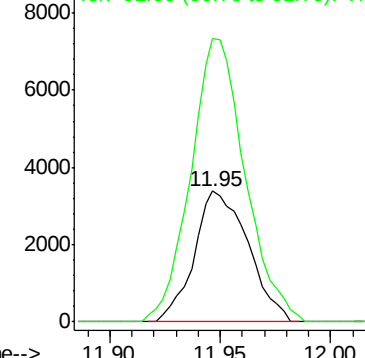


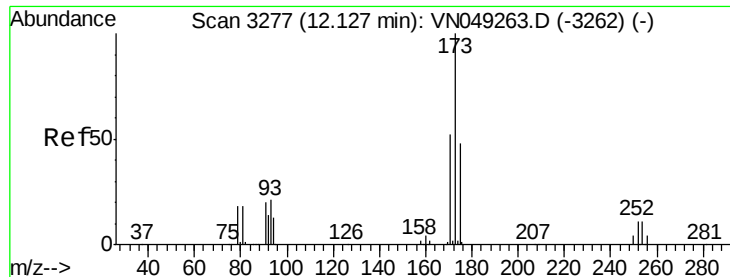
#69
o-Xylene
Concen: 0.26 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049507.D
Acq: 22 Jun 2018 21:58

Tgt Ion:106 Resp: 5728
Ion Ratio Lower Upper
106 100
91 218.8 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

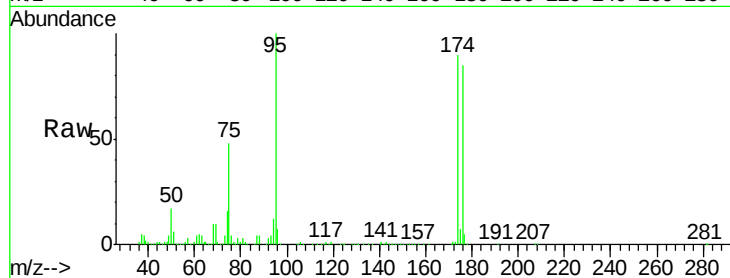
Tot Ion:173 Resp: 5003

Ion Ratio Lower Upper

173 100

175 621.8 24.5 73.5#

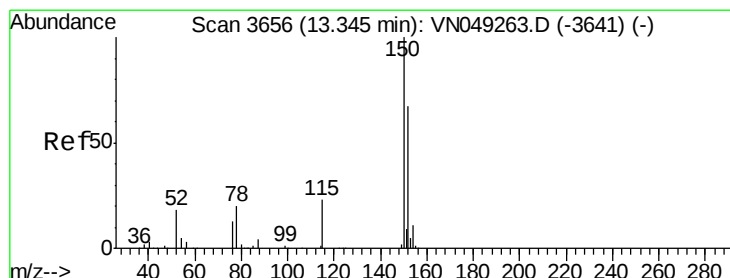
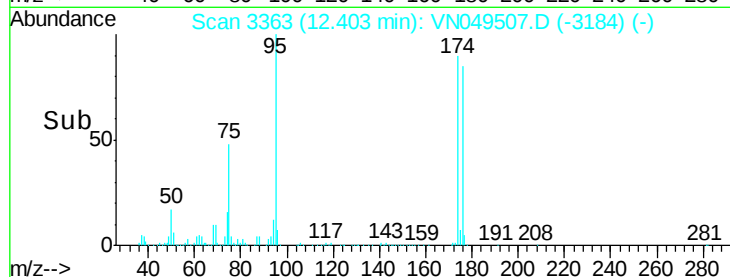
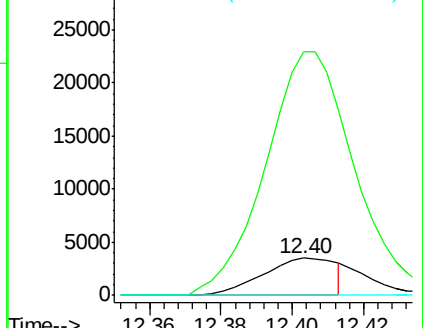
254 0.0 0.1 0.1#



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: VN049507.D

Acq: 22 Jun 2018 21:58

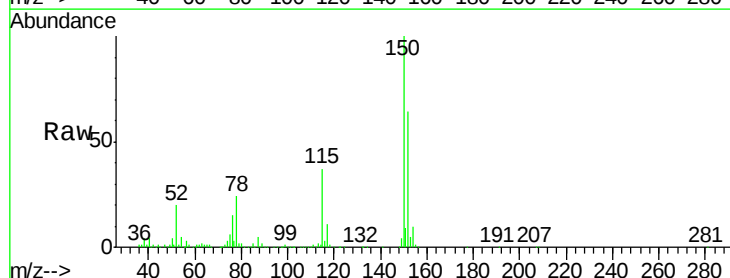
Tgt Ion:152 Resp: 405424

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.1

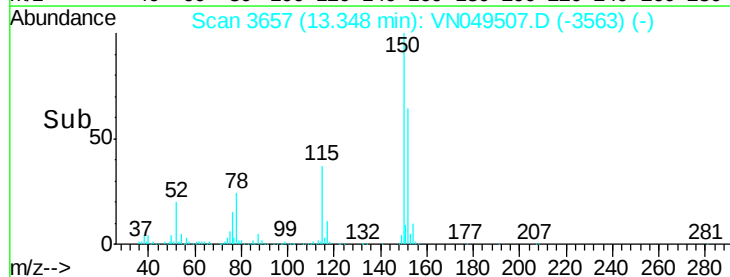
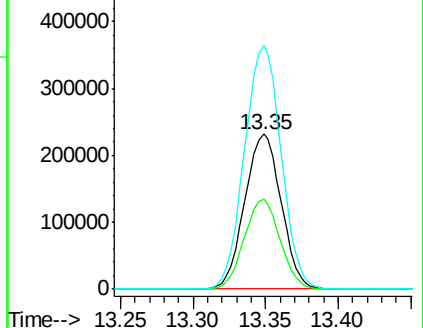
150 158.3 0.0 351.0

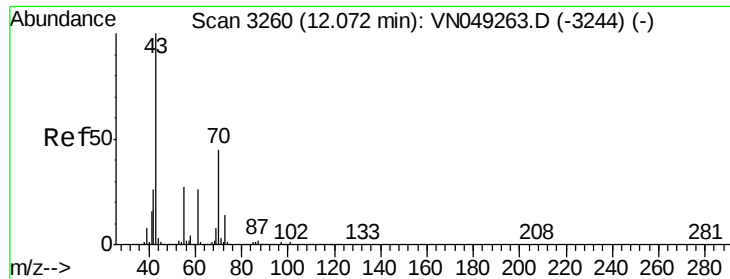


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.27 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2320

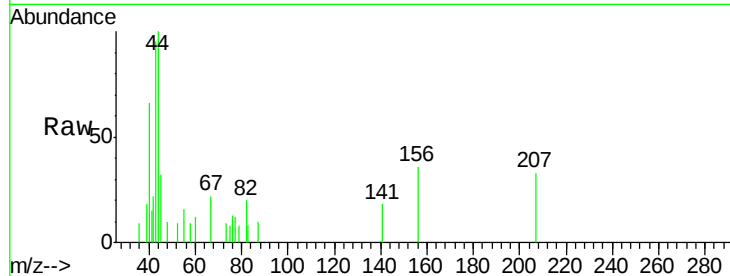
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 11.5 19.4 29.2#

61 0.0 17.8 26.6#

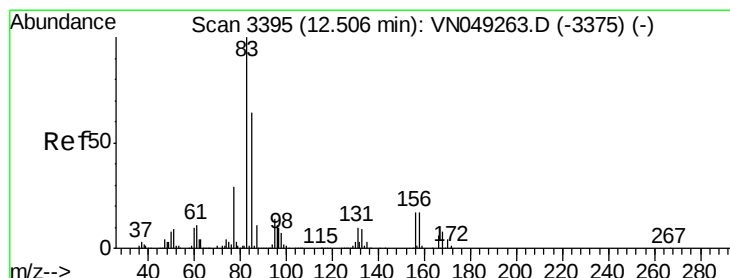
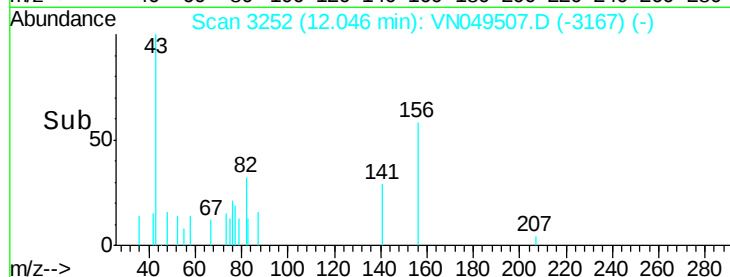
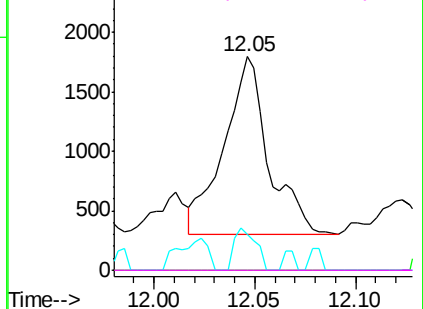


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3383

Delta R.T. -0.04 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

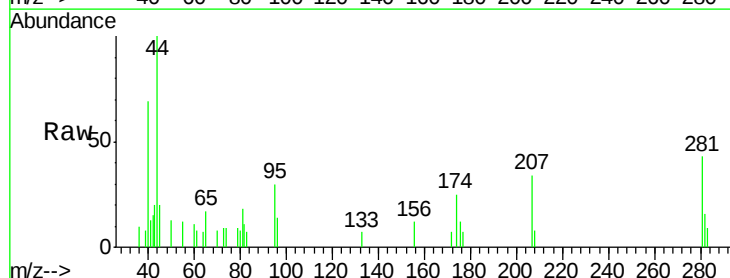
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

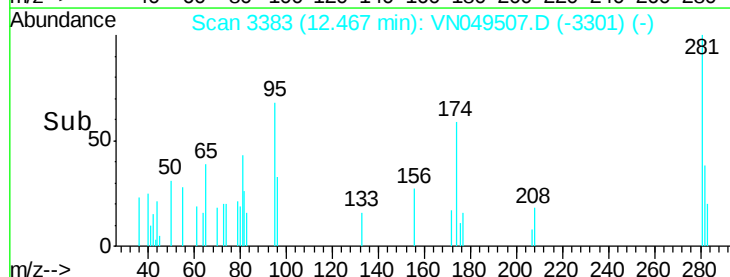
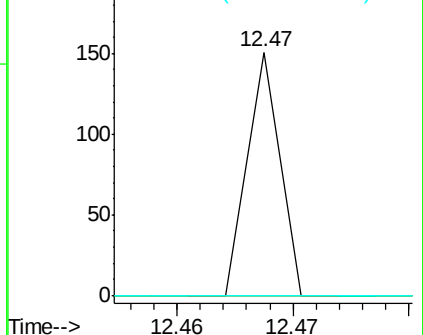
85 0.0 32.0 96.0#

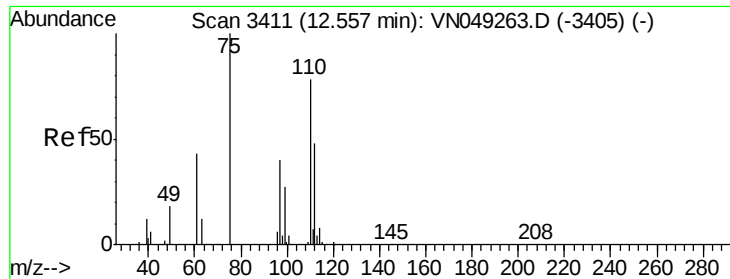


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 42.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

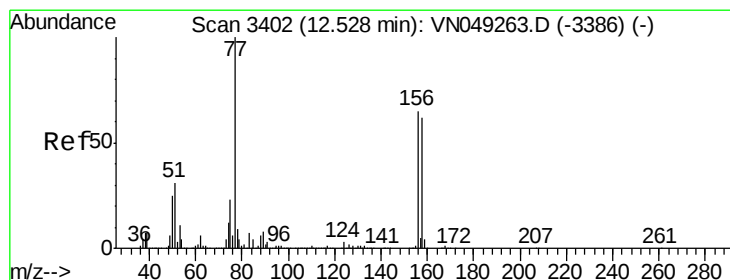
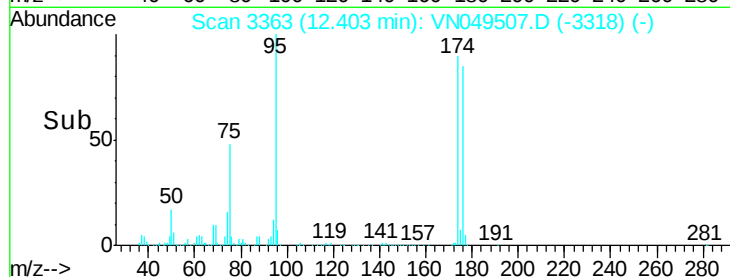
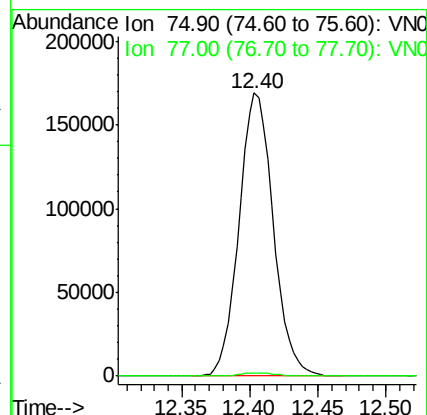
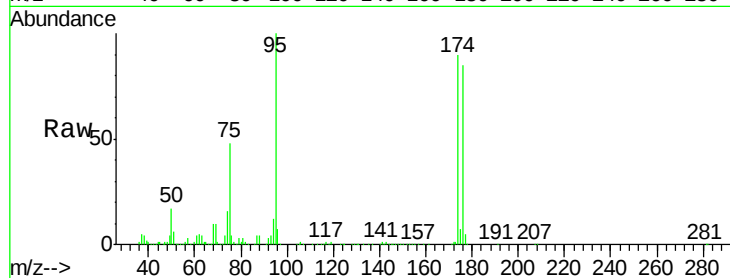
ClientSampleId :

Tot Ion: 75 Resp: 294856

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: 0.61 ug/l

RT: 12.56 min Scan# 3412

Delta R.T. 0.03 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

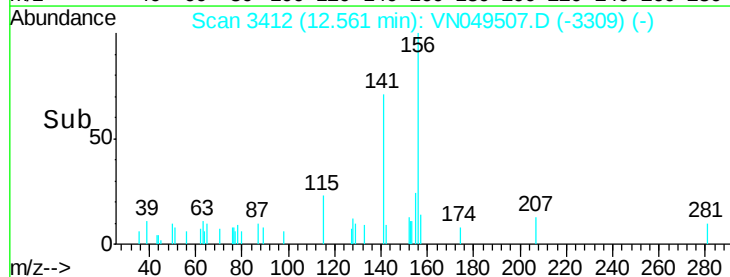
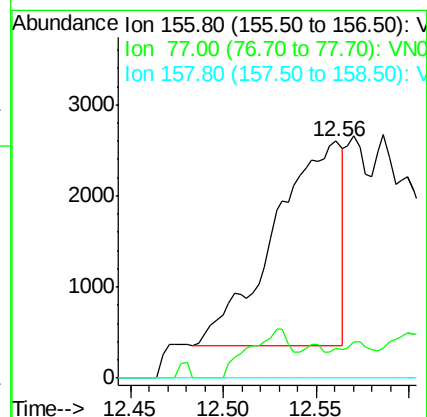
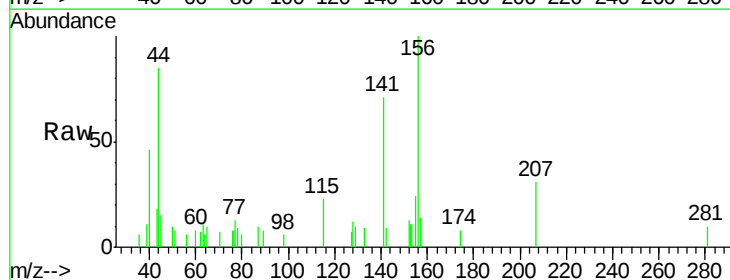
Tgt Ion: 156 Resp: 5695

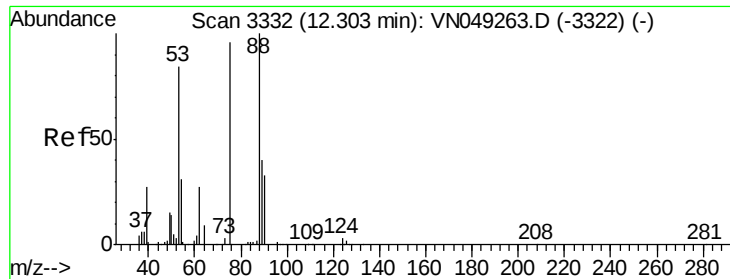
Ion Ratio Lower Upper

156 100

77 0.0 100.8 302.4#

158 0.0 49.3 147.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 134.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049507.D

Acq: 22 Jun 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

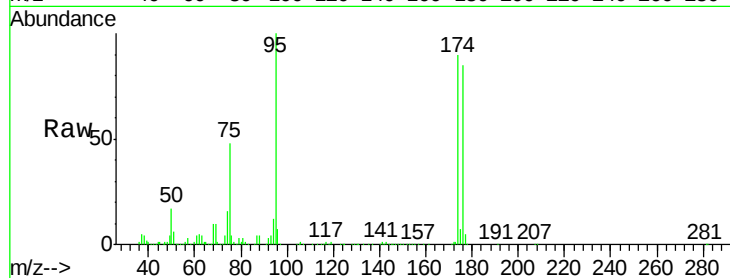
Tot Ion: 75 Resp: 294856

Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

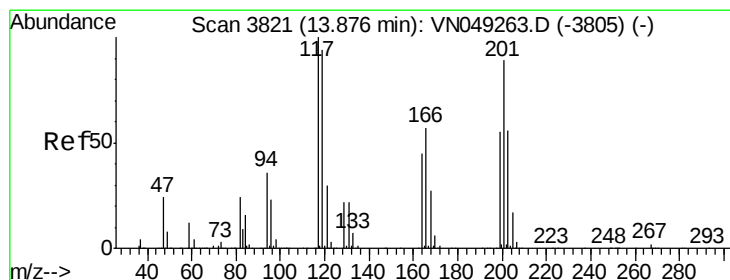
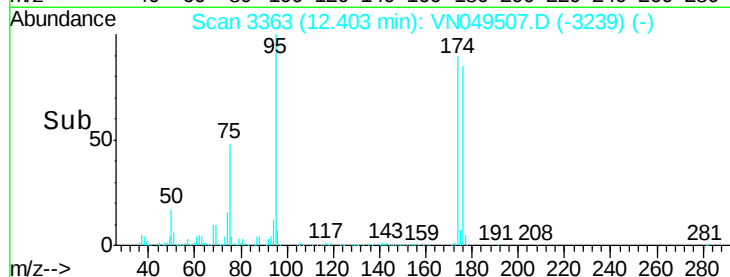
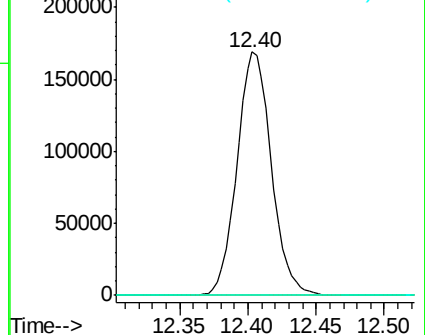
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049507.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049507.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049507.D (-3363) (-)



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049507.D

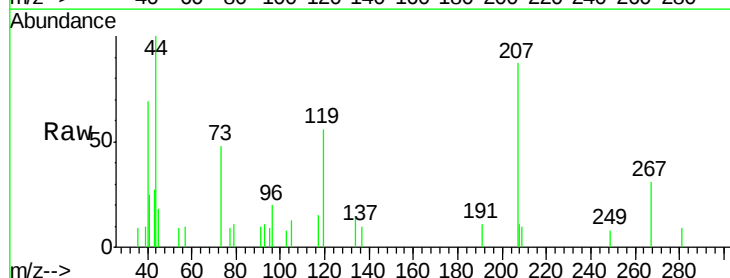
Acq: 22 Jun 2018 21:58

Tgt Ion: 117 Resp: 366

Ion Ratio Lower Upper

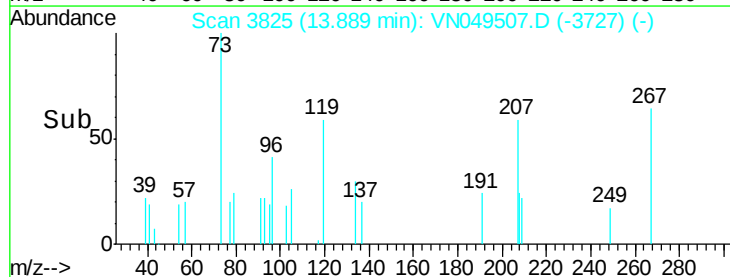
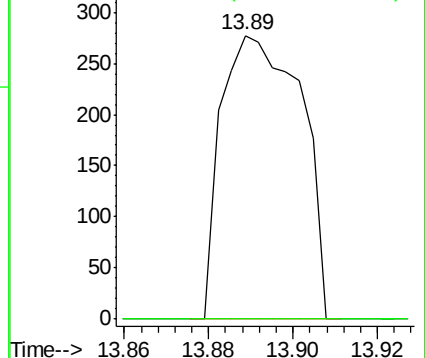
117 100

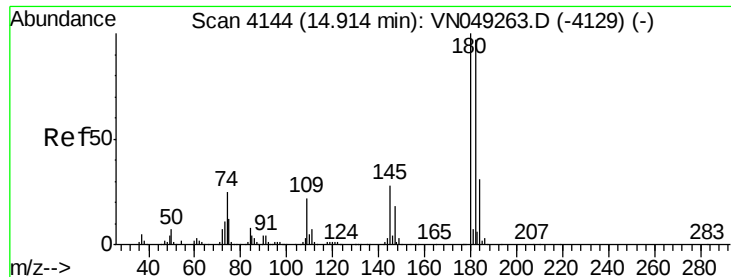
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): VN049507.D (-3821) (-)

Ion 200.70 (200.40 to 201.40): VN049507.D (-3821) (-)

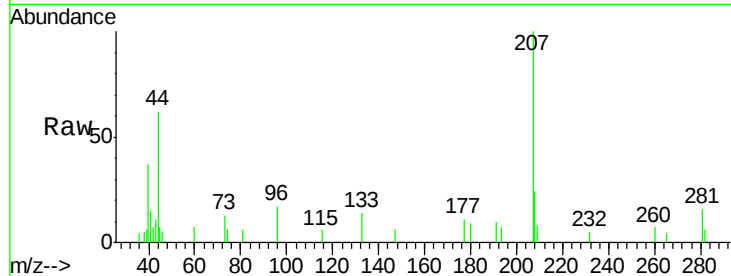




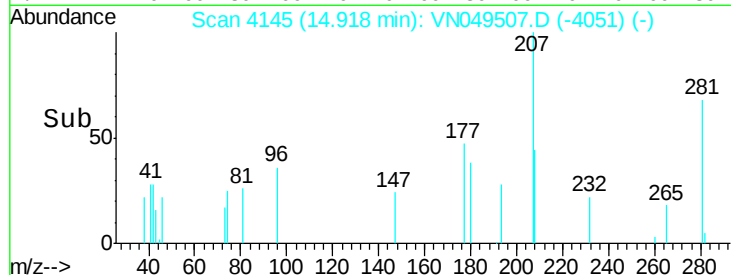
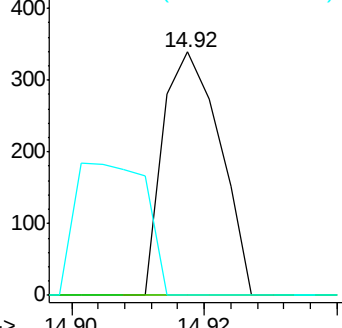
#93
 1,2,4-Trichlorobenzene
 Concen: 4.77 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN049507.D
 Acq: 22 Jun 2018 21:58

Instrument :
 MSVOA_N
 ClientSampled :

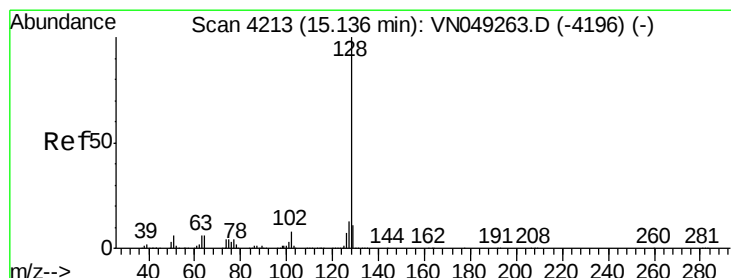
Tot Ion:180 Resp: 202
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.9 140.8#
 145 67.8 14.7 44.1#



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

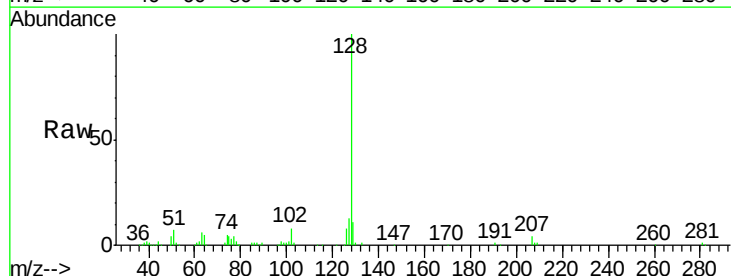


Time-->



#95
 Naphthalene
 Concen: 18.41 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049507.D
 Acq: 22 Jun 2018 21:58

Tgt Ion:128 Resp: 192456
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.6 16.0
 129 10.9 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

