

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049457.D
 Acq On : 21 Jun 2018 00:22
 Operator : MD\SY
 Sample : J3584-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 01:37:35 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	1088846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1731587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1405154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	424228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	746676	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	644308	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	10.09	98	2345384	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
62) 4-Bromofluorobenzene	12.40	95	598463	33.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.86%	

Target Compounds

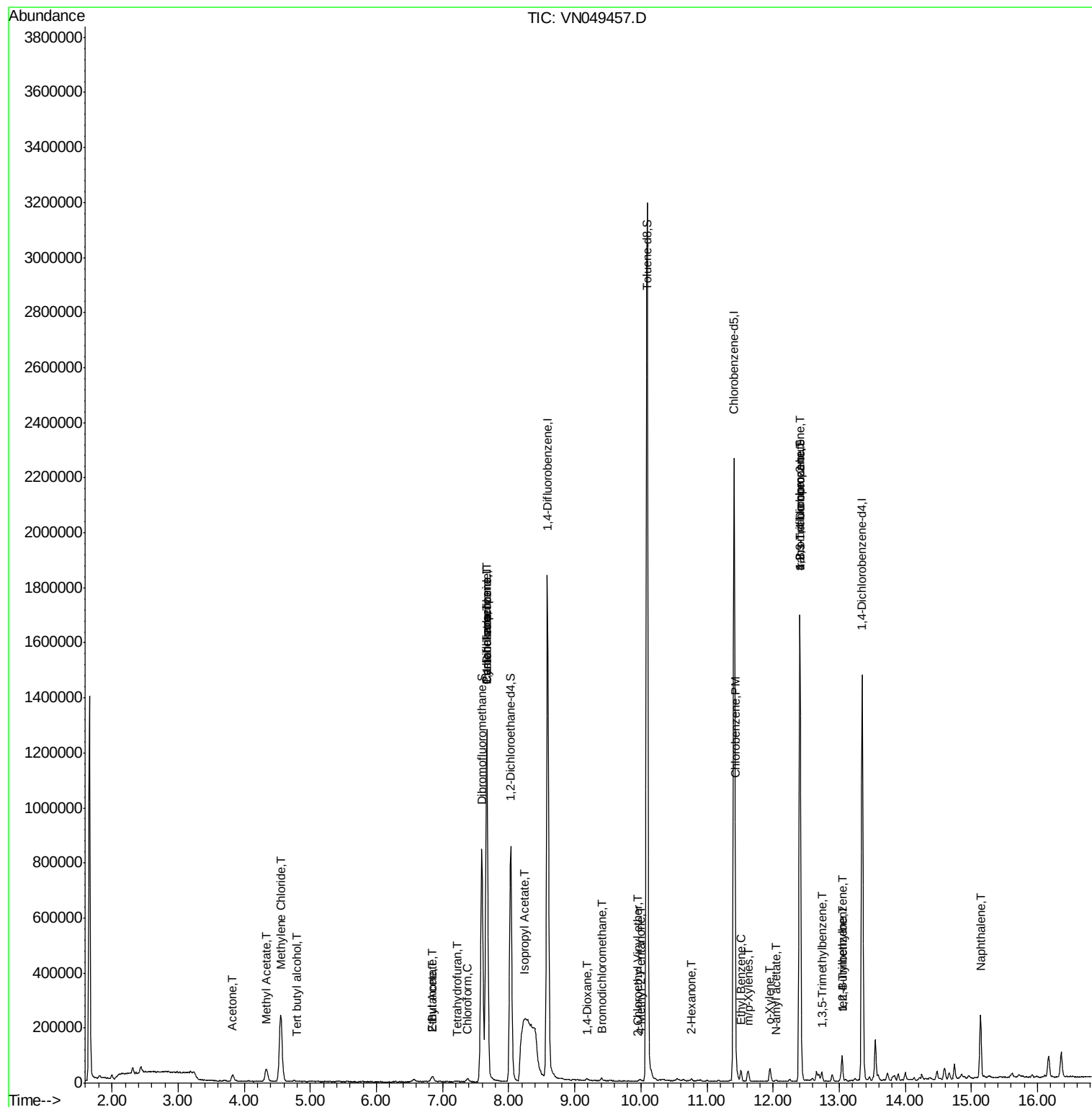
						Qvalue
11) Tert butyl alcohol	4.80	59	1426	1.68	ug/l	# 76
16) Acetone	3.82	43	36460	10.40	ug/l	95
18) Methyl Acetate	4.33	43	92289	8.63	ug/l	93
20) Methylene Chloride	4.55	84	188155	12.85	ug/l	93
25) 2-Butanone	6.85	43	18499	3.93	ug/l	95
29) Tetrahydrofuran	7.22	42	3258	1.07	ug/l	# 68
30) Chloroform	7.38	83	12982	0.52	ug/l	91
31) Cyclohexane	7.66	56	19320	0.73	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	75771	3.82	ug/l	# 51
37) Ethyl Acetate	6.85	43	18499	1.71	ug/l	# 71
38) Carbon Tetrachloride	7.67	117	100172	4.88	ug/l	# 17
43) Isopropyl Acetate	8.23	43	269767	13.09	ug/l	# 64
47) Bromodichloromethane	9.41	83	6292	0.31	ug/l	87
49) 1,4-Dioxane	9.20	88	226	1.69	ug/l	# 21
51) 4-Methyl-2-Pentanone	9.98	43	4724	0.44	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.95	63	69	14.34	ug/l	# 51
59) 2-Hexanone	10.76	43	4571	0.66	ug/l	71
65) Chlorobenzene	11.44	112	8758	0.24	ug/l	91
67) Ethyl Benzene	11.52	91	29416	0.49	ug/l	99
68) m/p-Xylenes	11.62	106	11907	0.53	ug/l	99
69) o-Xylene	11.95	106	7843	0.36	ug/l	87
74) N-amyl acetate	12.05	43	2979	0.33	ug/l	# 56
75) 1,1,2,2-Tetrachloroethane	12.49	83	68	Below	Cal	# 26
76) 1,2,3-Trichloropropane	12.40	75	286356	39.56	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.74	105	15176	0.52	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	286356	125.03	ug/l	# 9
83) tert-Butylbenzene	13.05	119	7868	0.30	ug/l	# 69
84) 1,2,4-Trimethylbenzene	13.04	105	52023	1.79	ug/l	99
90) Hexachloroethane	13.89	117	2063	Below	Cal	# 9
95) Naphthalene	15.14	128	200586	18.35	ug/l	98

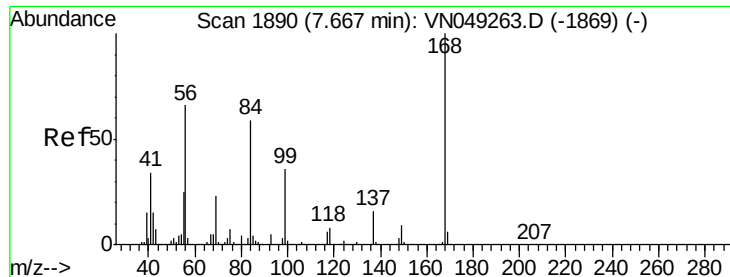
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

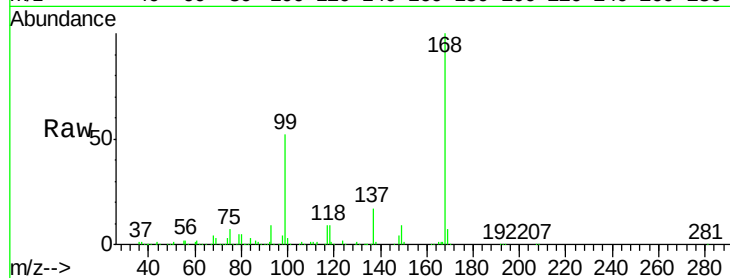
ClientSampleId :

Tot Ion:168 Resp: 1088846

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

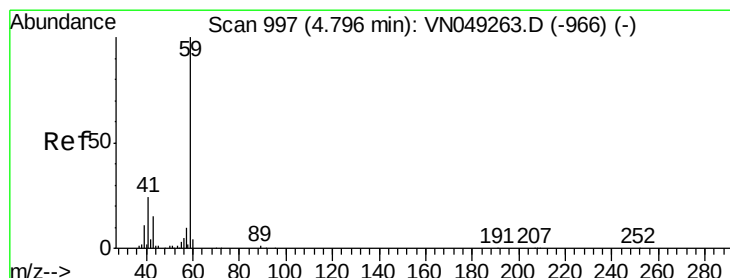
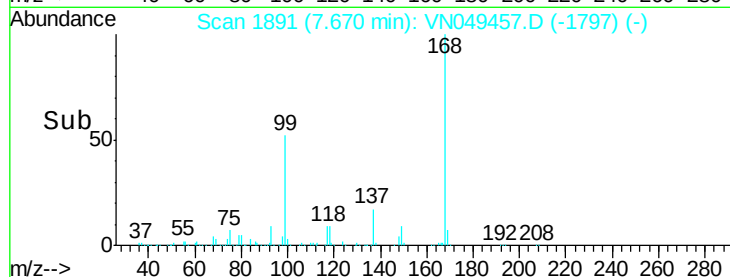
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.68 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.01 min

Lab File: VN049457.D

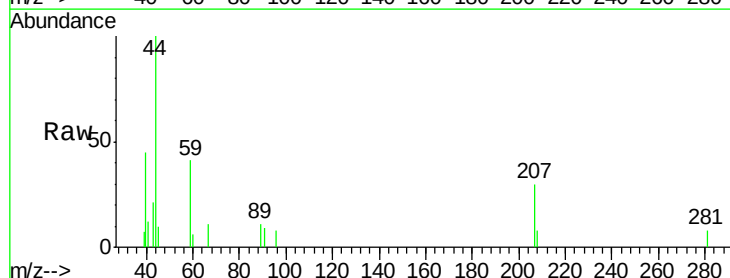
Acq: 21 Jun 2018 00:22

Tgt Ion: 59 Resp: 1426

Ion Ratio Lower Upper

59 100

57 2.1 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.80

1000

800

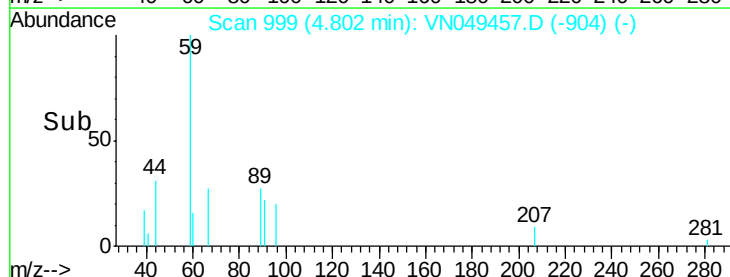
600

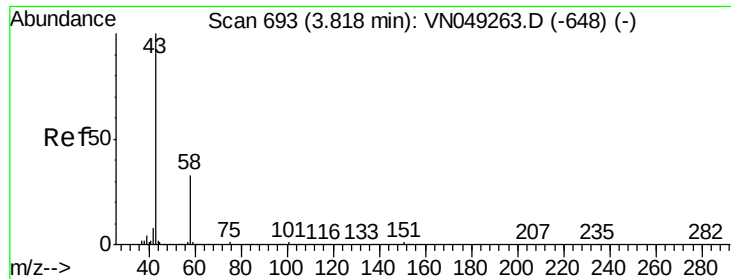
400

200

0

Time-->





#16

Acetone

Concen: 10.40 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

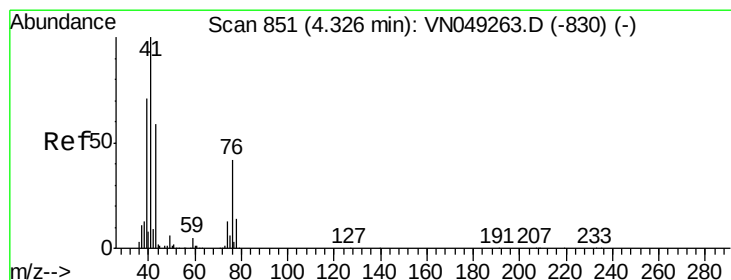
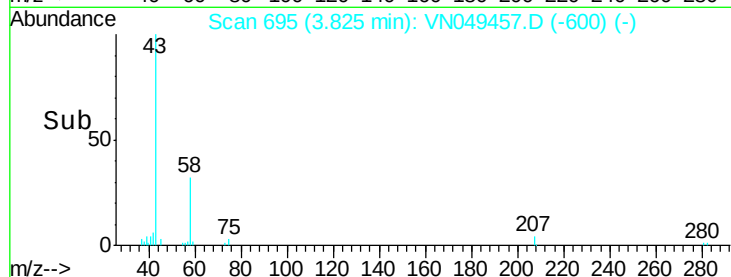
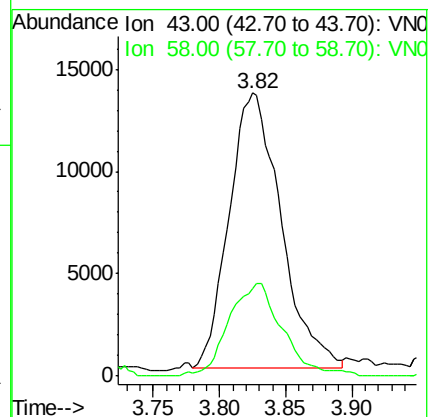
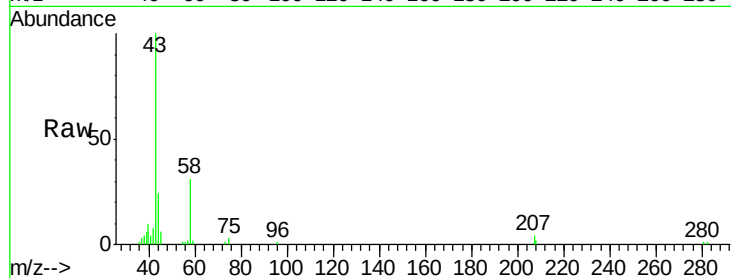
ClientSampleId :

Tot Ion: 43 Resp: 36460

Ion Ratio Lower Upper

43 100

58 30.7 22.4 33.6



#18

Methyl Acetate

Concen: 8.63 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049457.D

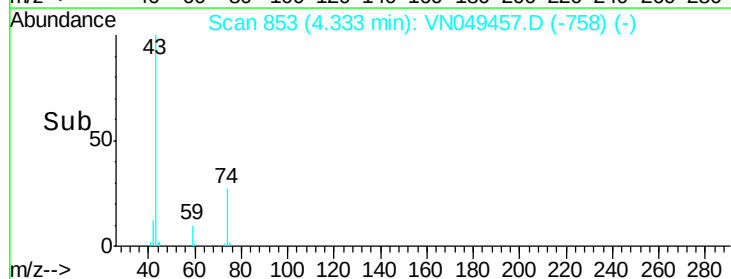
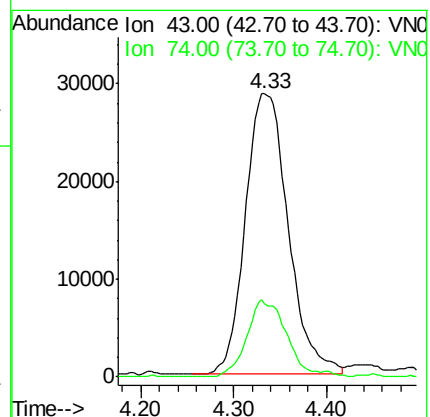
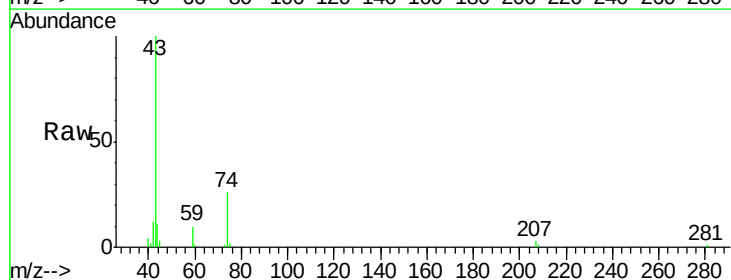
Acq: 21 Jun 2018 00:22

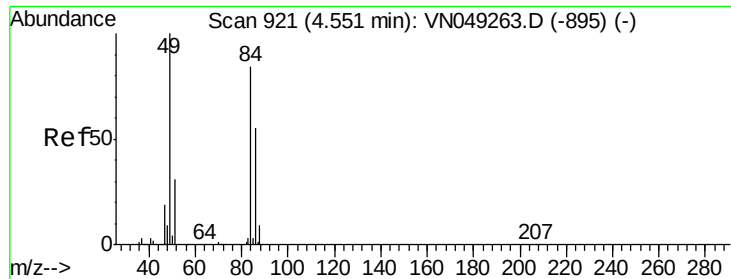
Tgt Ion: 43 Resp: 92289

Ion Ratio Lower Upper

43 100

74 25.0 17.4 26.0

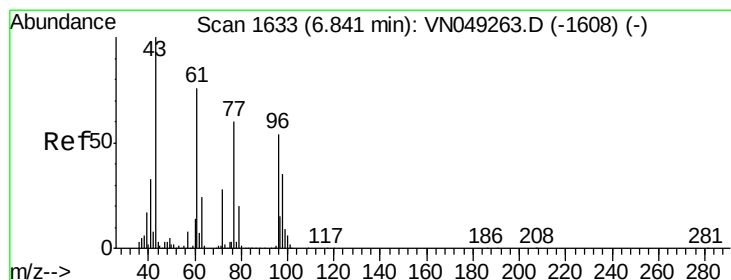
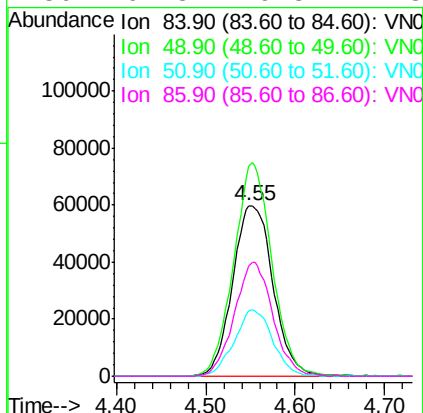
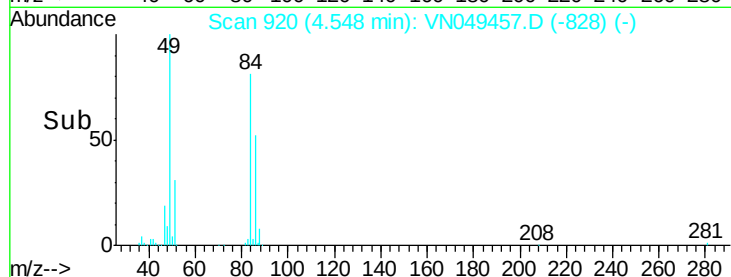
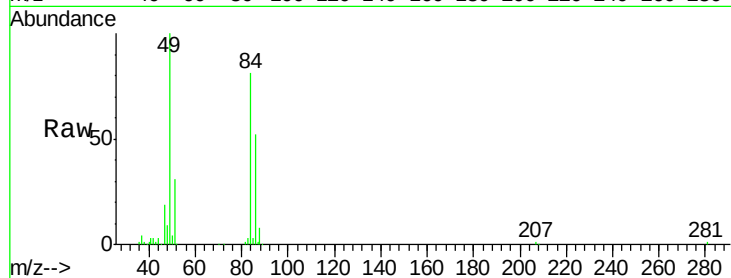




#20
Methylene Chloride
Concen: 12.85 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049457.D
Acq: 21 Jun 2018 00:22

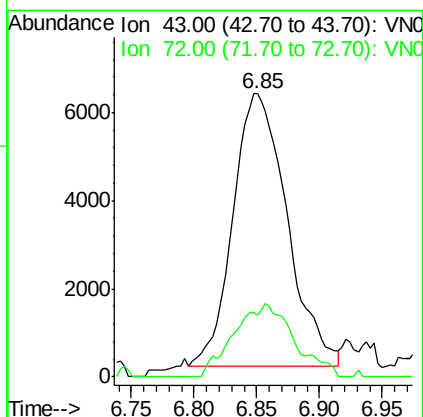
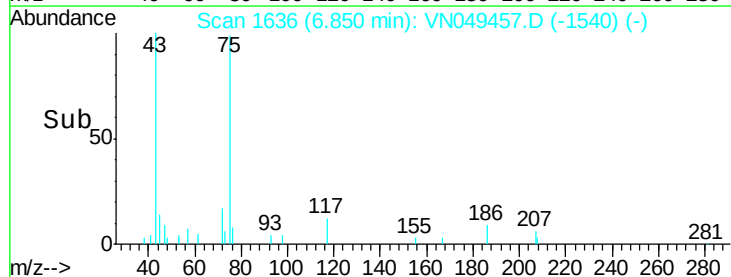
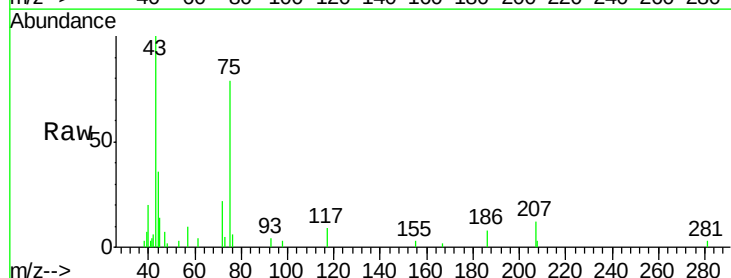
Instrument :
MSVOA_N
ClientSampleId :

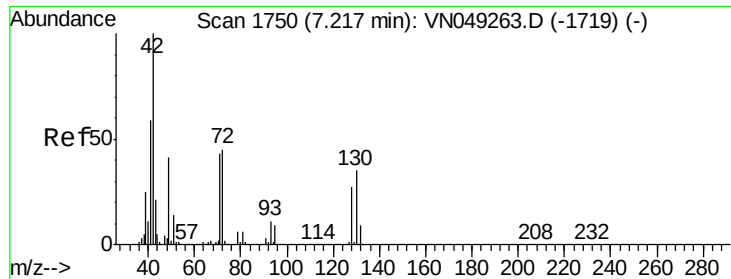
Tot Ion: 84 Resp: 188155
Ion Ratio Lower Upper
84 100
49 122.9 106.9 160.3
51 38.0 32.7 49.1
86 64.3 49.8 74.8



#25
2-Butanone
Concen: 3.93 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049457.D
Acq: 21 Jun 2018 00:22

Tgt Ion: 43 Resp: 18499
Ion Ratio Lower Upper
43 100
72 22.8 20.2 30.2

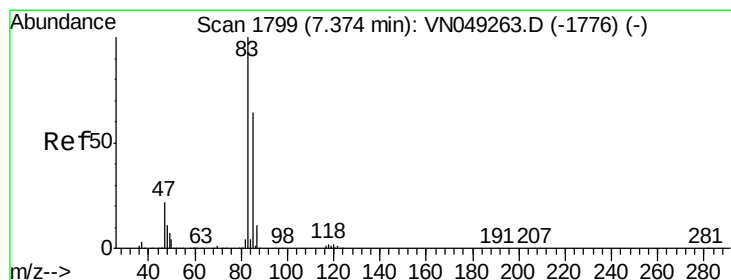
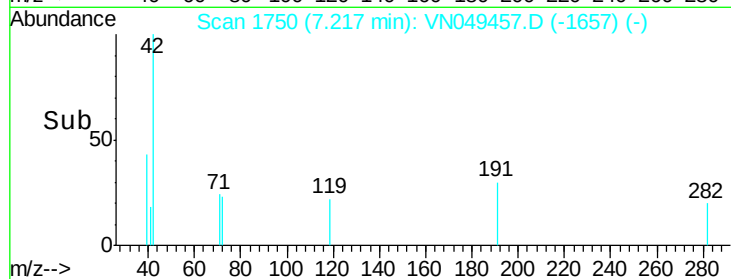
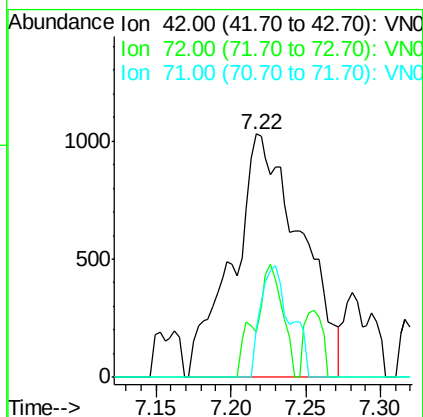
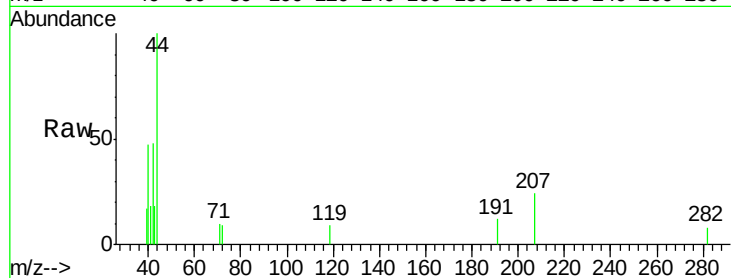




#29
Tetrahydrofuran
Concen: 1.07 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049457.D
Acq: 21 Jun 2018 00:22

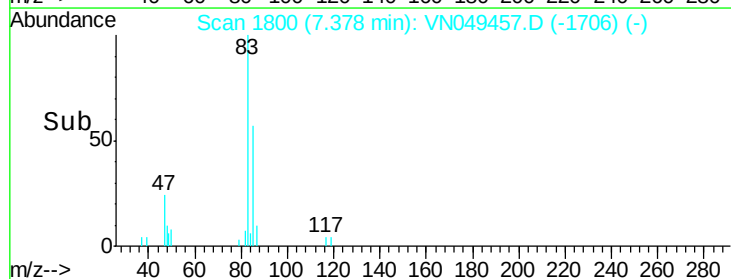
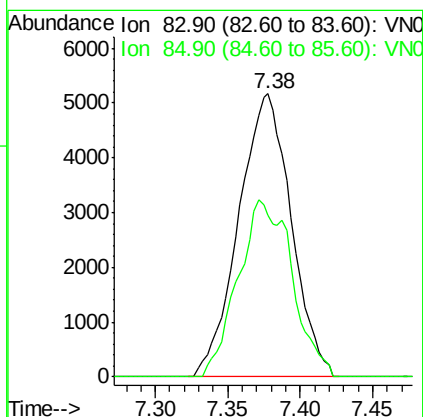
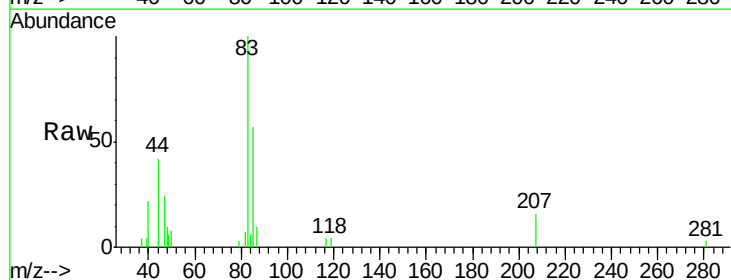
Instrument :
MSVOA_N
ClientSampled :

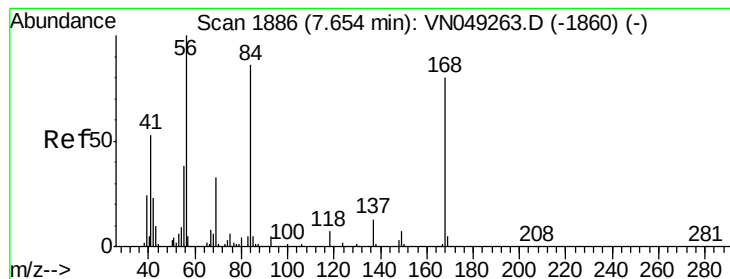
Tot Ion: 42 Resp: 3258
Ion Ratio Lower Upper
42 100
72 18.8 32.2 48.4#
71 20.1 30.5 45.7#



#30
Chloroform
Concen: 0.52 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049457.D
Acq: 21 Jun 2018 00:22

Tgt Ion: 83 Resp: 12982
Ion Ratio Lower Upper
83 100
85 57.2 51.7 77.5





#31

Cyclohexane

Concen: 0.73 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

ClientSampled :

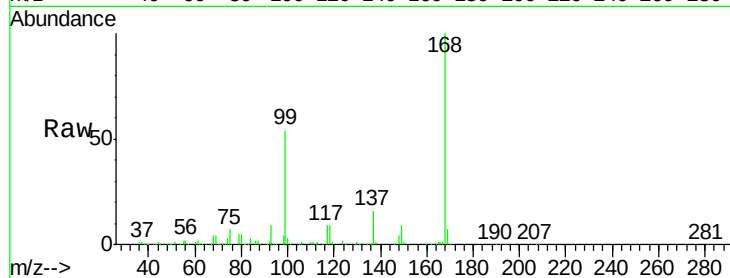
Tot Ion: 56 Resp: 19320

Ion Ratio Lower Upper

56 100

69 181.2 25.0 37.4#

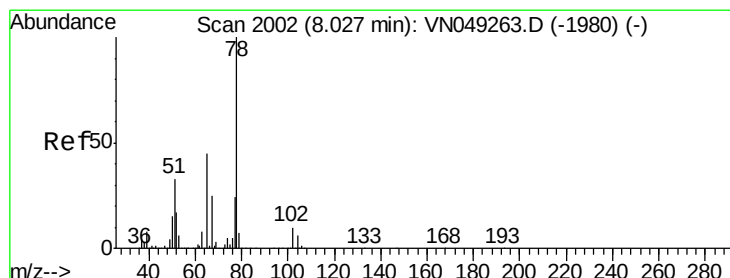
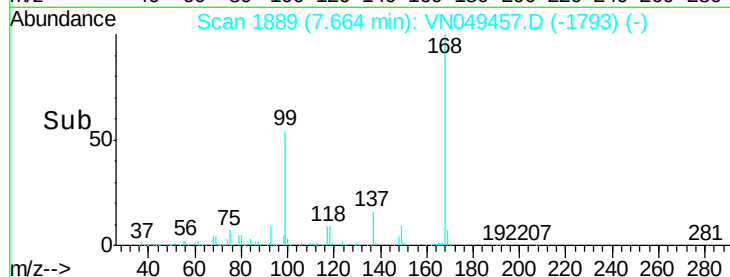
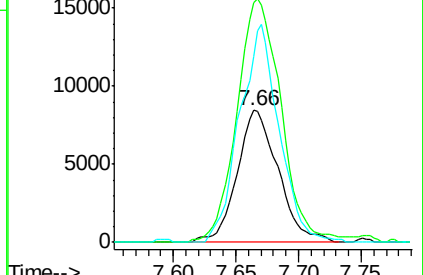
84 141.0 64.6 96.8#



Abundance Ion 56.00 (55.70 to 56.70): VN049457.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049457.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049457.D (-1793) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.70 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049457.D

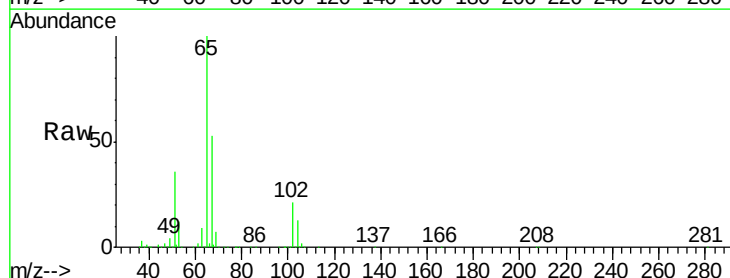
Acq: 21 Jun 2018 00:22

Tgt Ion: 65 Resp: 746676

Ion Ratio Lower Upper

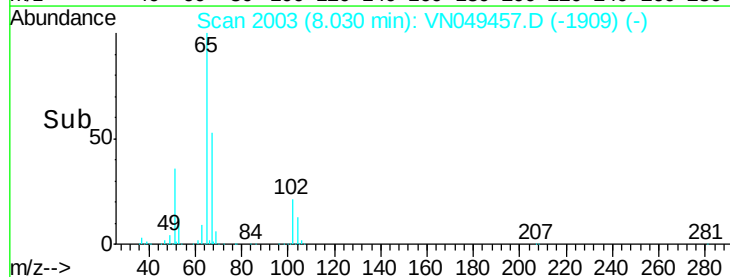
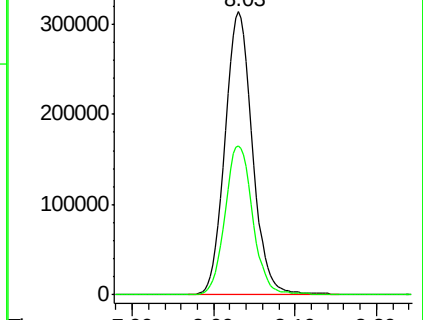
65 100

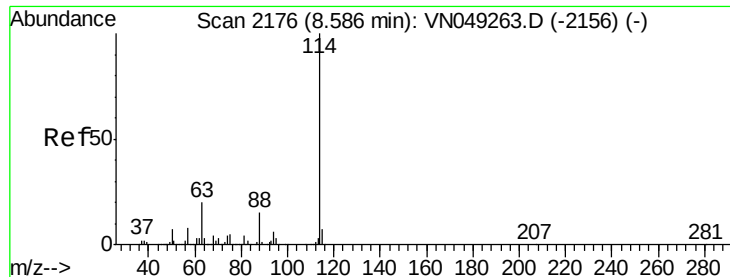
67 53.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049457.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049457.D (-1909) (-)



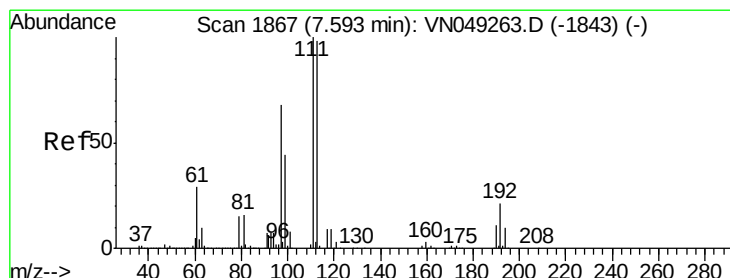
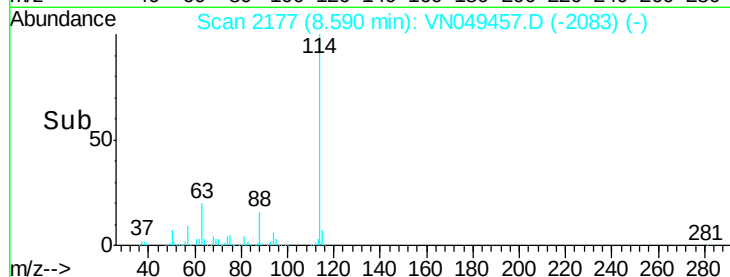
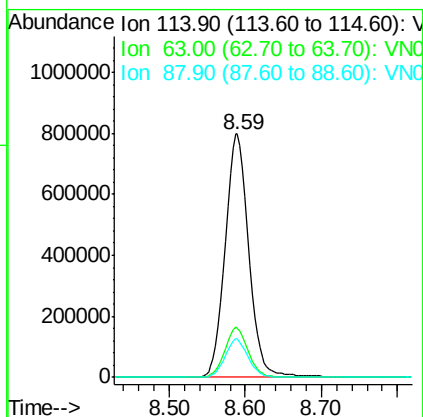
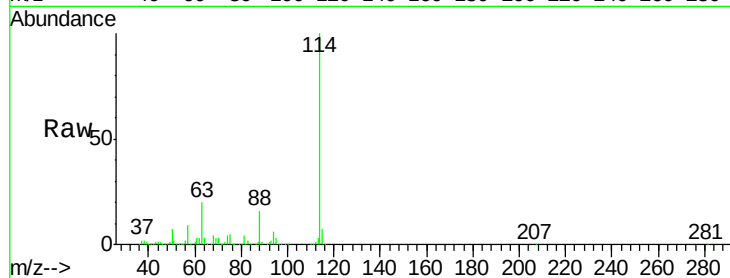


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049457.D
 Acq: 21 Jun 2018 00:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1731587

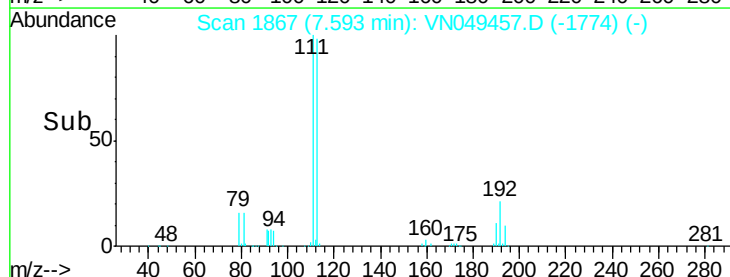
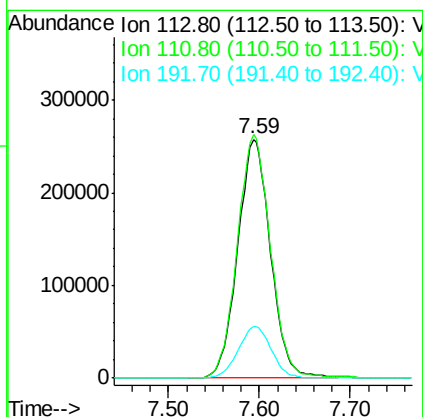
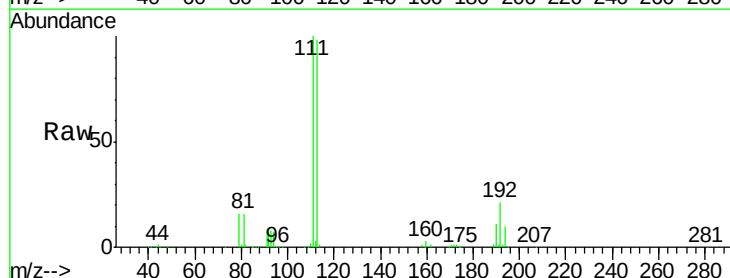
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	44.4
88	15.7	0.0	31.4

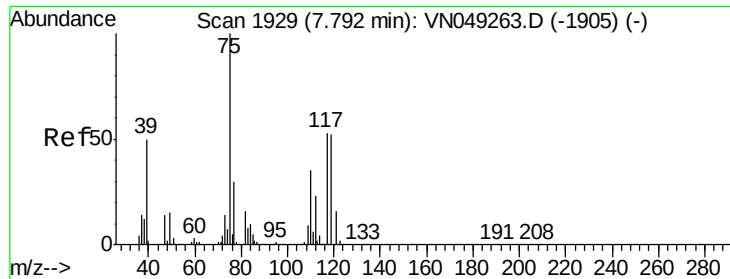


#35
 Dibromofluoromethane
 Concen: 45.99 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049457.D
 Acq: 21 Jun 2018 00:22

Tgt Ion:113 Resp: 644308

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	21.8	15.0	22.6





#36

1,1-Dichloropropene

Concen: 3.82 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

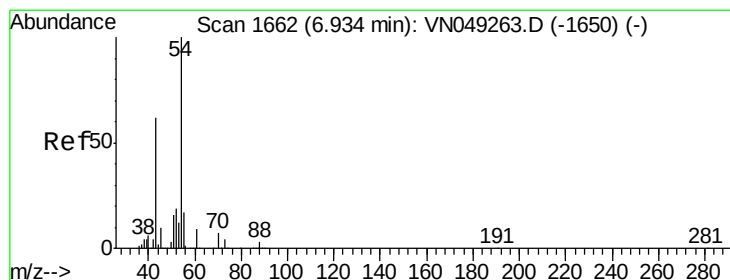
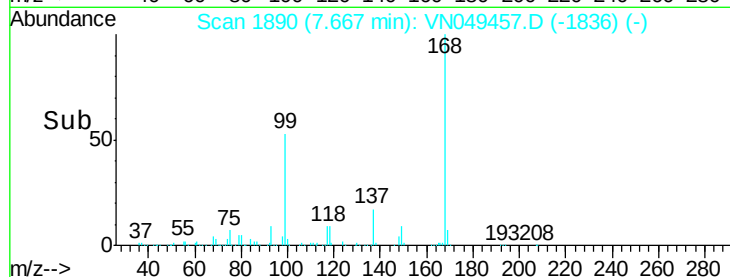
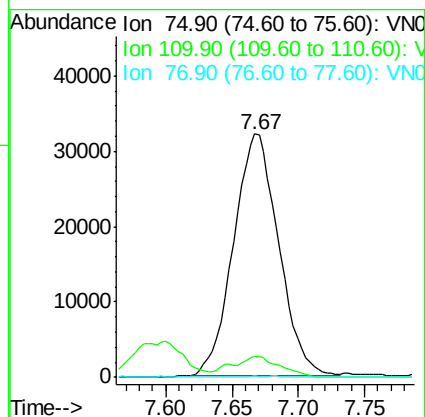
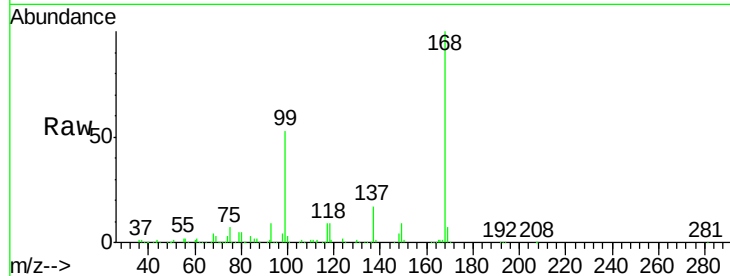
Tot Ion: 75 Resp: 75771

Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.71 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. -0.08 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

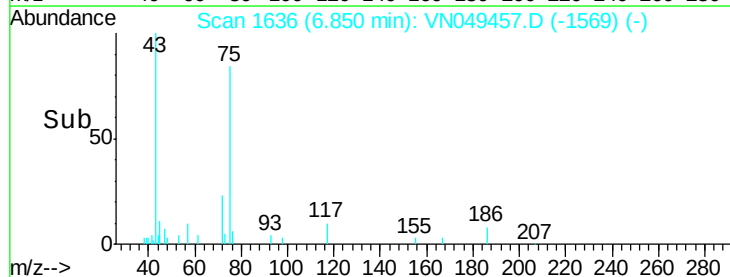
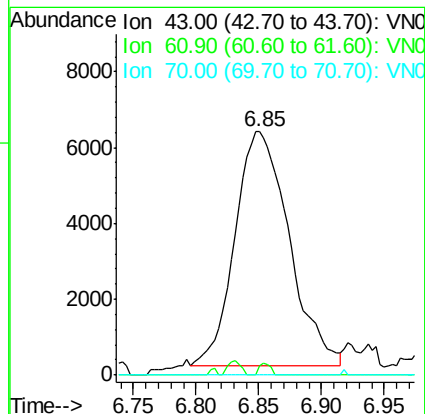
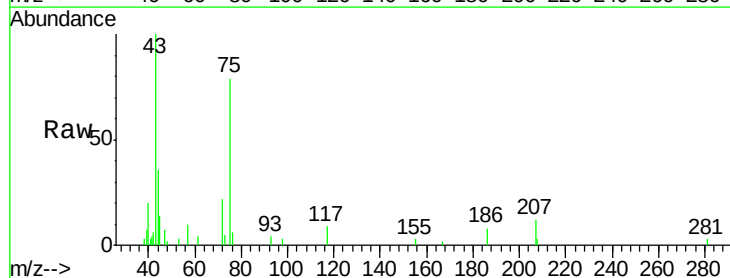
Tgt Ion: 43 Resp: 18499

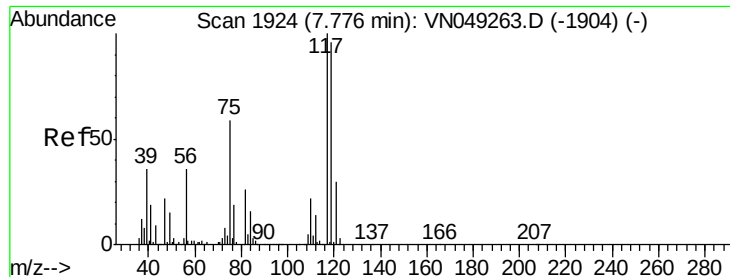
Ion Ratio Lower Upper

43 100

61 1.1 11.0 16.4#

70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 4.88 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

ClientSampled :

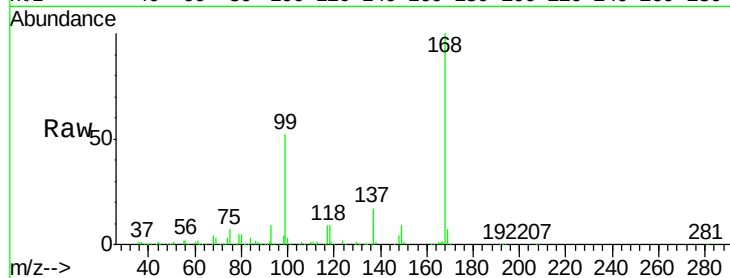
Tot Ion:117 Resp: 100172

Ion Ratio Lower Upper

117 100

119 5.4 75.6 113.4#

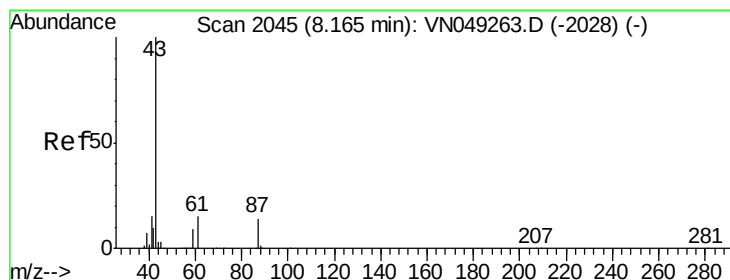
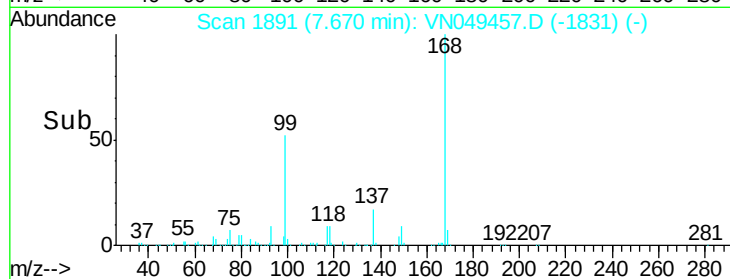
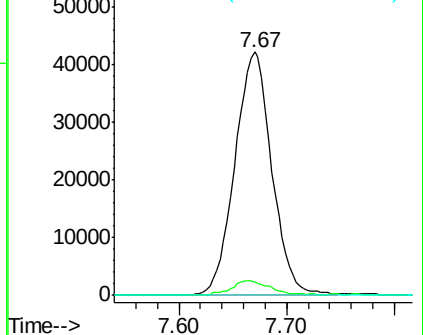
121 0.0 24.7 37.1#



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: 13.09 ug/l

RT: 8.23 min Scan# 2066

Delta R.T. 0.07 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

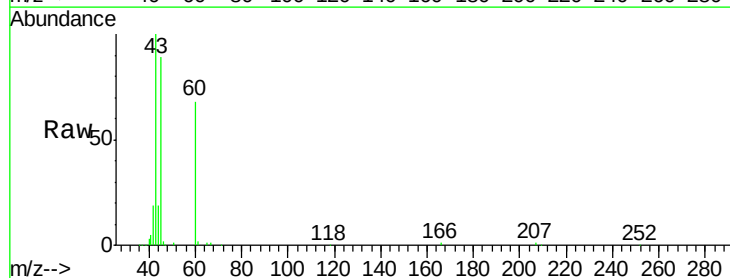
Tgt Ion: 43 Resp: 269767

Ion Ratio Lower Upper

43 100

61 0.6 14.2 21.4#

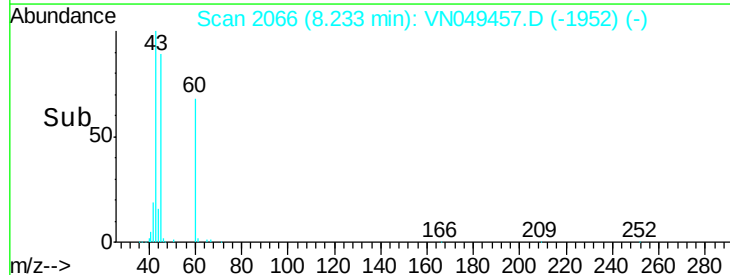
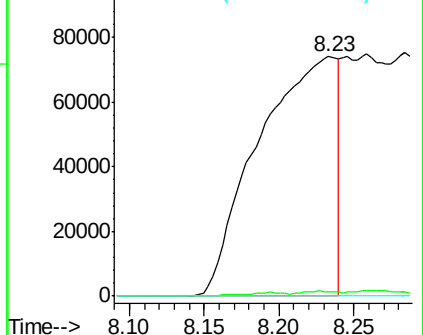
87 0.0 9.4 14.0#

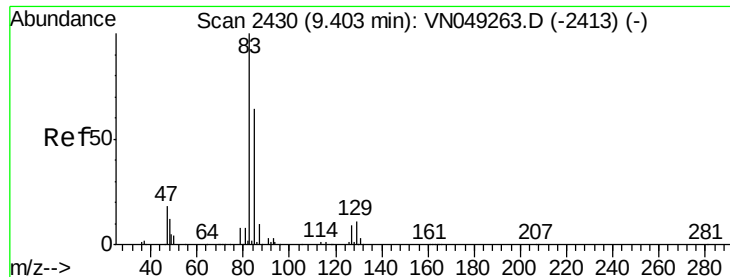


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.31 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

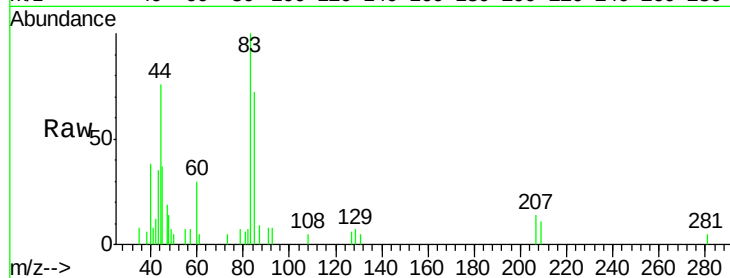
Tot Ion: 83 Resp: 6292

Ion Ratio Lower Upper

83 100

85 72.2 49.4 74.0

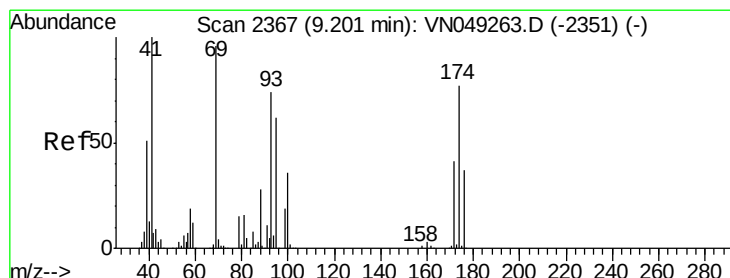
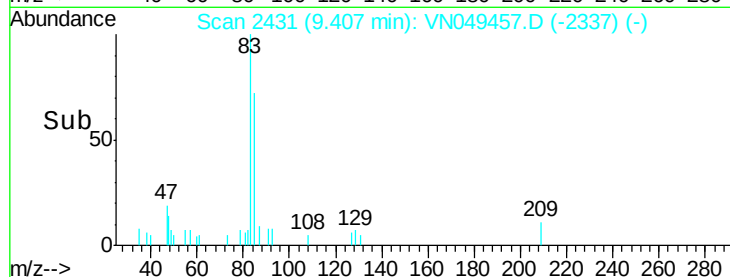
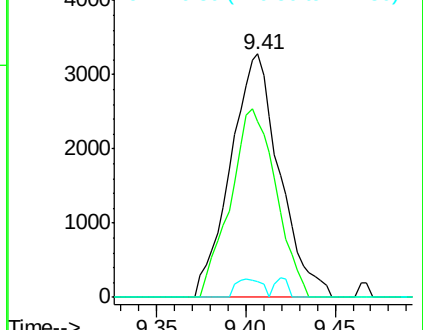
127 6.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049457.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049457.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049457.D (-2337) (-)



#49

1,4-Dioxane

Concen: 1.69 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

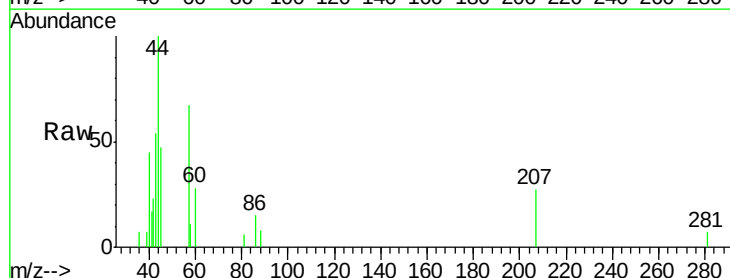
Tgt Ion: 88 Resp: 226

Ion Ratio Lower Upper

88 100

43 0.0 30.9 46.3#

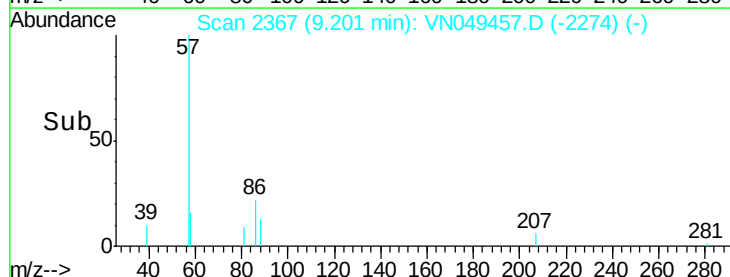
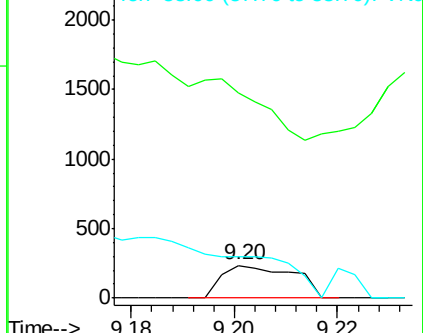
58 0.0 58.9 88.3#

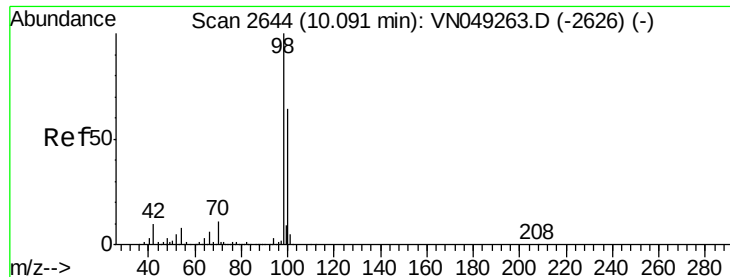


Abundance Ion 88.00 (87.70 to 88.70): VN049457.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049457.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049457.D (-2274) (-)





#50

Toluene-d8

Concen: 43.97 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

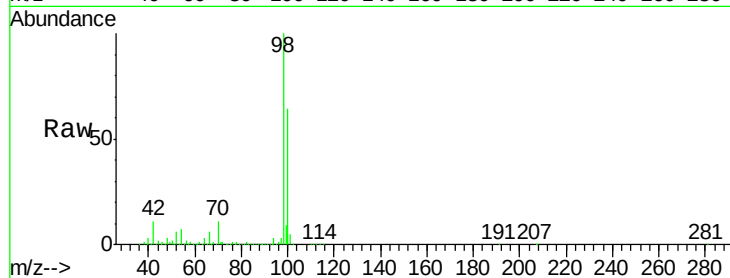
ClientSampled :

Tot Ion: 98 Resp: 2345384

Ion Ratio Lower Upper

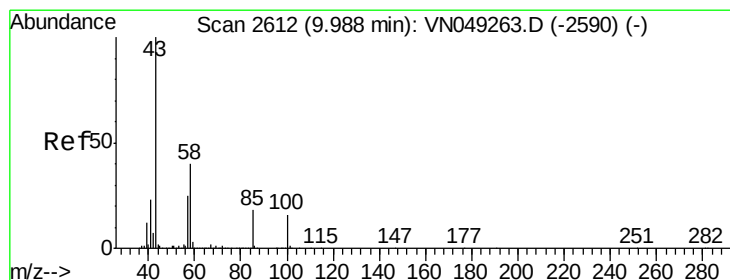
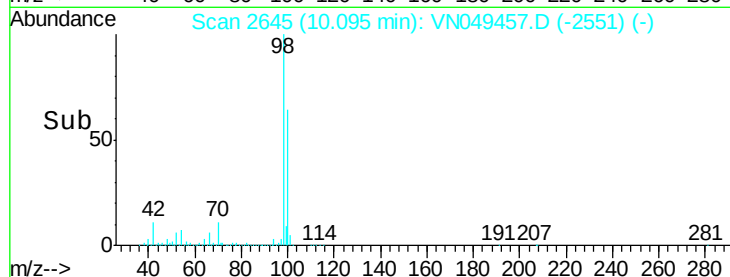
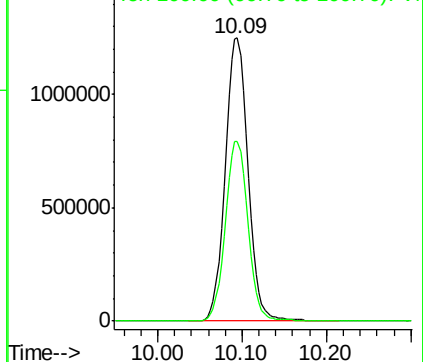
98 100

100 63.5 49.8 74.8



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

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.44 ug/l

RT: 9.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: VN049457.D

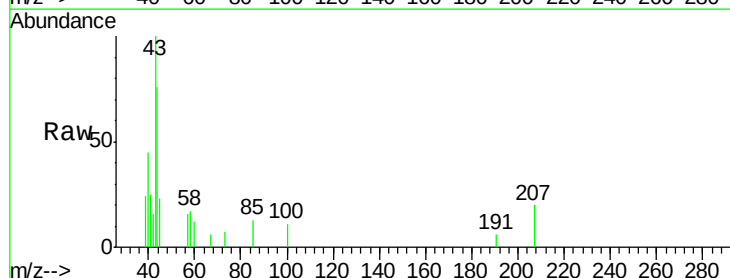
Acq: 21 Jun 2018 00:22

Tgt Ion: 43 Resp: 4724

Ion Ratio Lower Upper

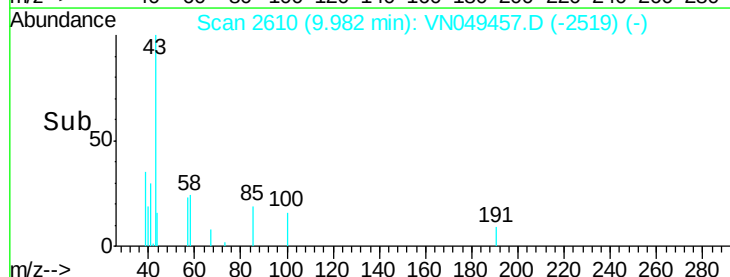
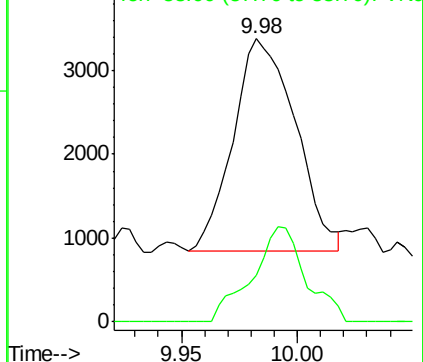
43 100

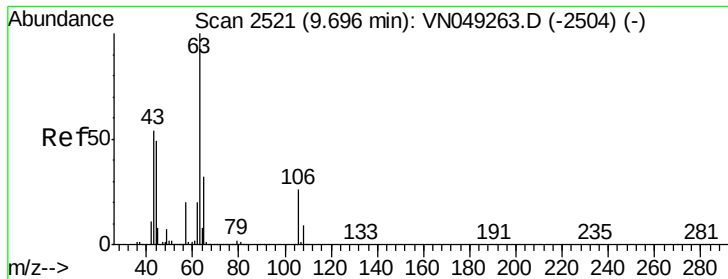
58 38.6 29.0 43.6



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

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)





#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.95 min Scan# 2599

Delta R.T. 0.25 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

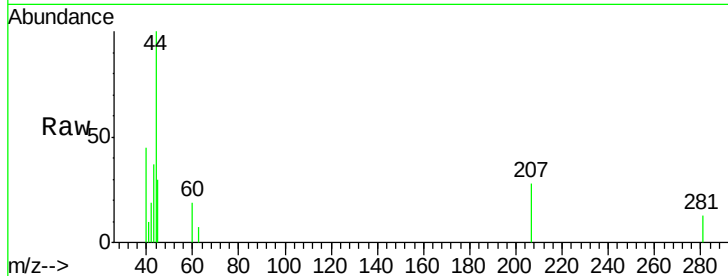
ClientSampled :

Tot Ion: 63 Resp: 69

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.95

200

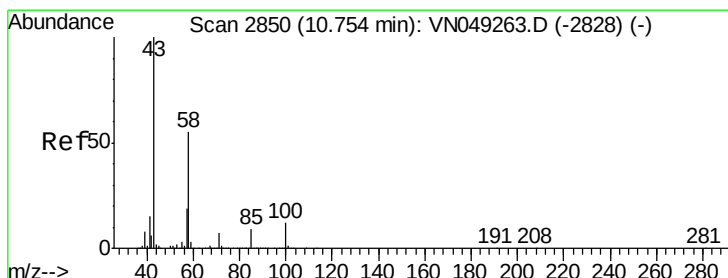
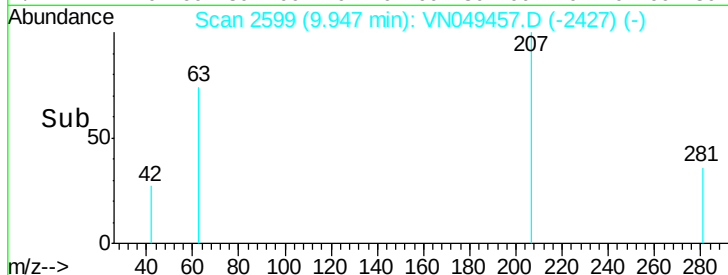
150

100

50

0

Time--> 9.93 9.94 9.95



#59

2-Hexanone

Concen: 0.66 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049457.D

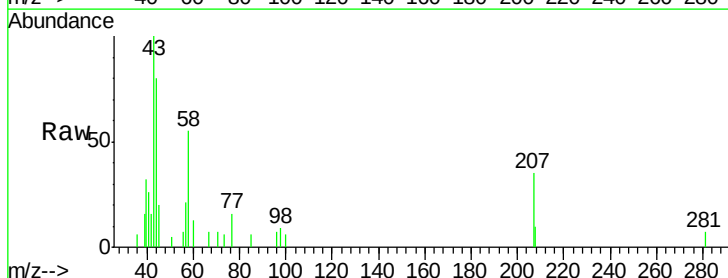
Acq: 21 Jun 2018 00:22

Tgt Ion: 43 Resp: 4571

Ion Ratio Lower Upper

43 100

58 70.3 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

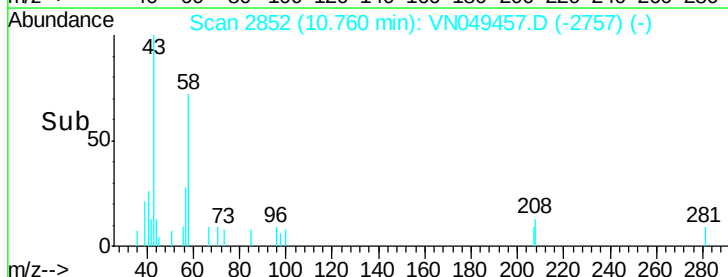
3000

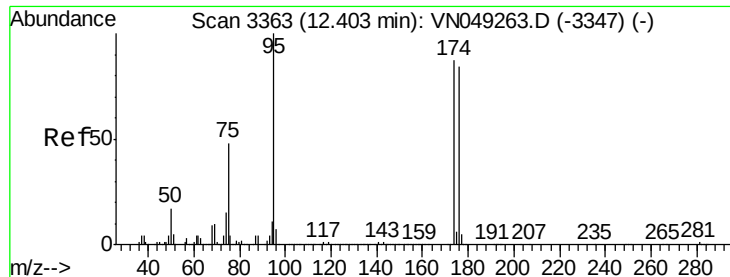
2000

1000

0

Time--> 10.70 10.75 10.80





#62

4-Bromofluorobenzene

Concen: 33.93 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

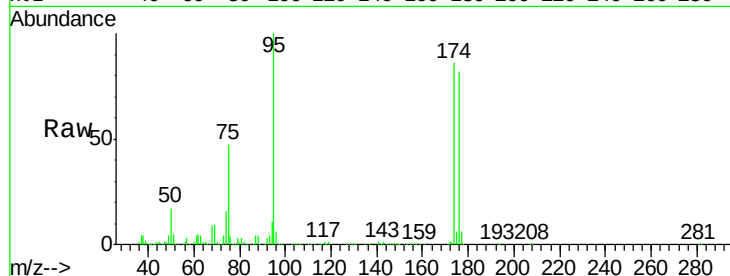
Tot Ion: 95 Resp: 598463

Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

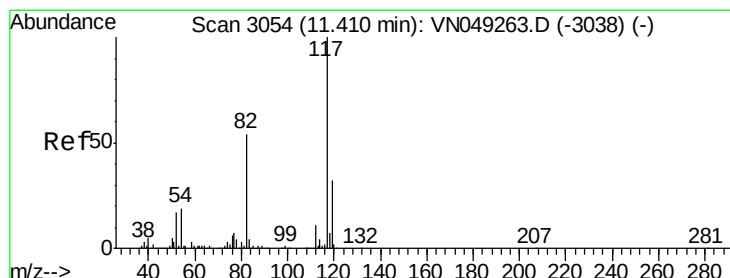
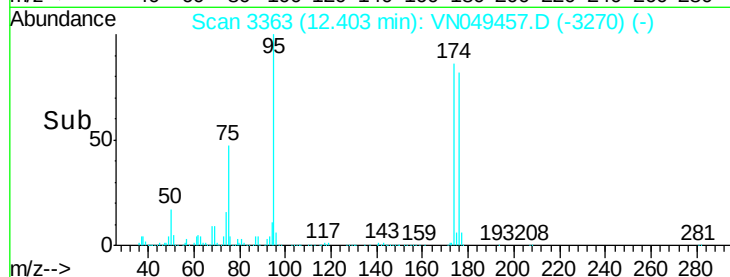
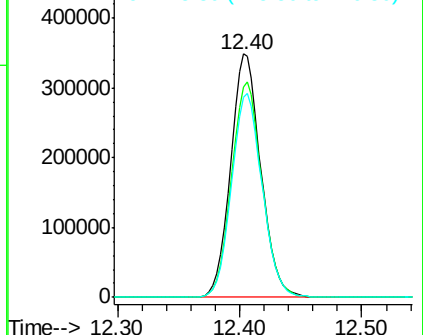
176 85.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

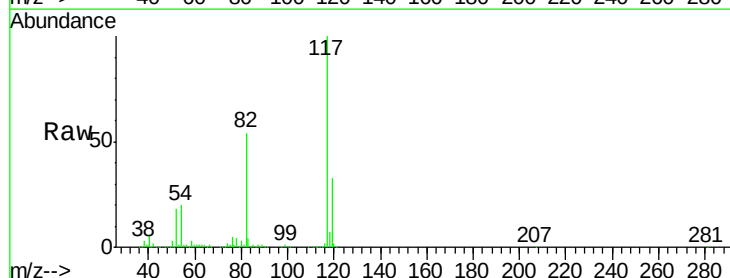
Tgt Ion: 117 Resp: 1405154

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

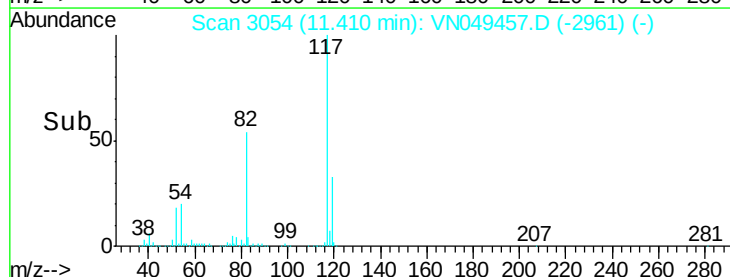
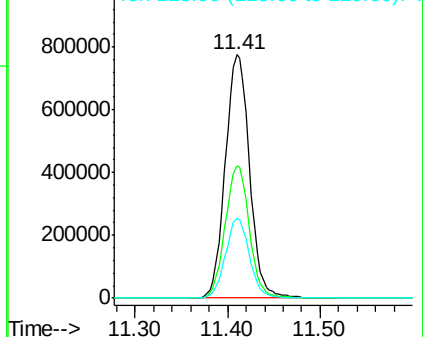
119 32.8 25.5 38.3

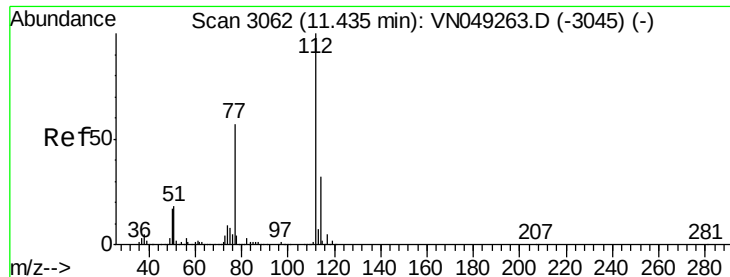


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

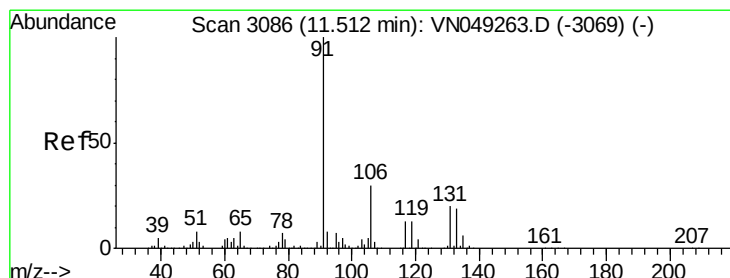
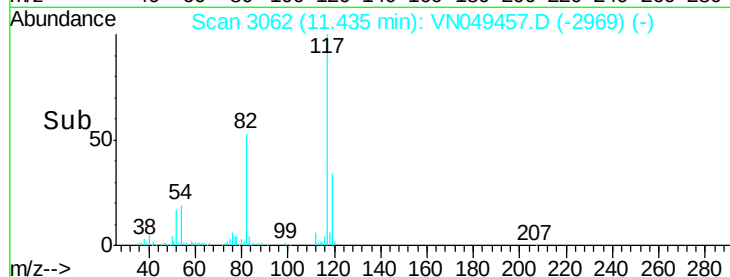
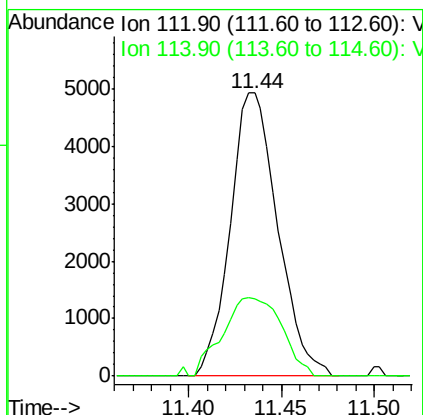
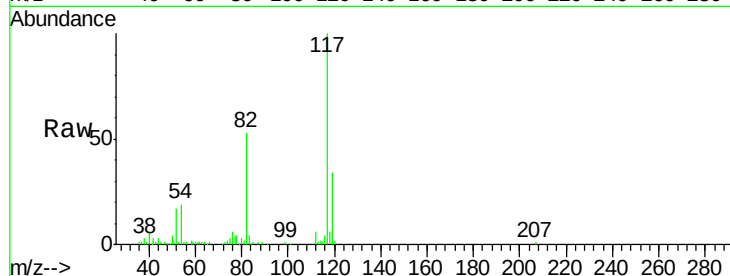




#65
Chlorobenzene
Concen: 0.24 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049457.D
Acq: 21 Jun 2018 00:22

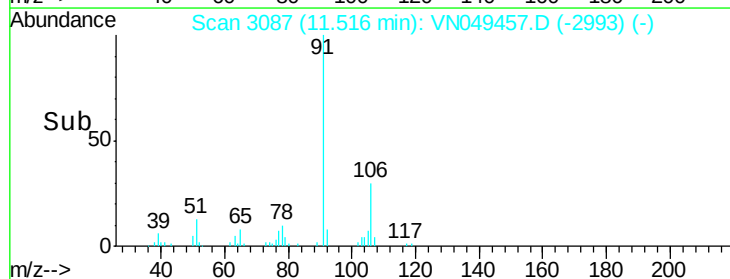
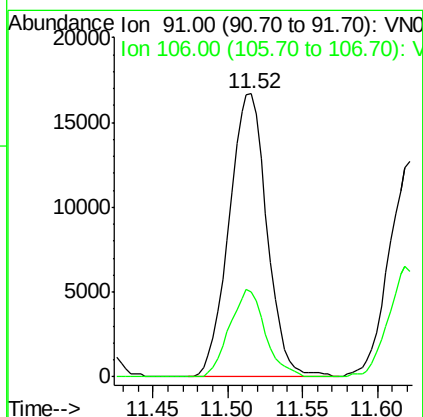
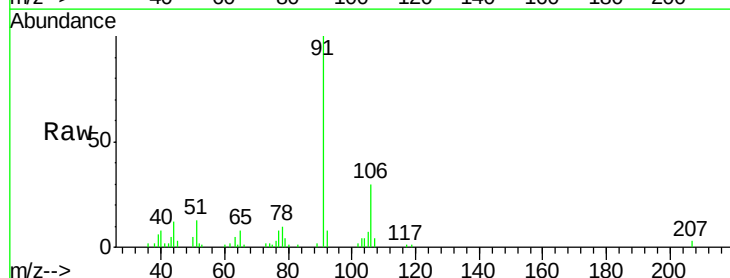
Instrument :
MSVOA_N
ClientSampled :

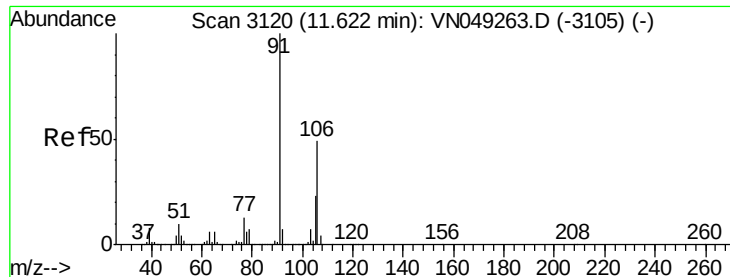
Tot Ion:112 Resp: 8758
Ion Ratio Lower Upper
112 100
114 27.5 26.2 39.4



#67
Ethyl Benzene
Concen: 0.49 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN049457.D
Acq: 21 Jun 2018 00:22

Tgt Ion: 91 Resp: 29416
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9





#68

m/p-Xylenes

Concen: 0.53 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

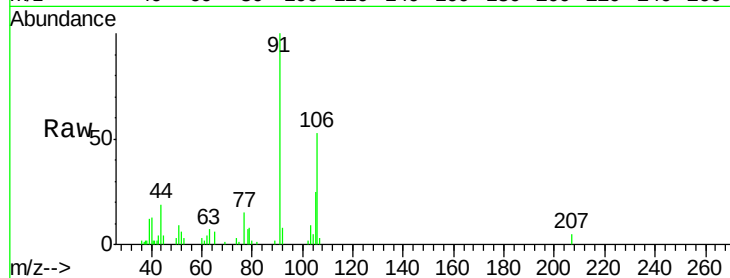
ClientSampled :

Tot Ion:106 Resp: 11907

Ion Ratio Lower Upper

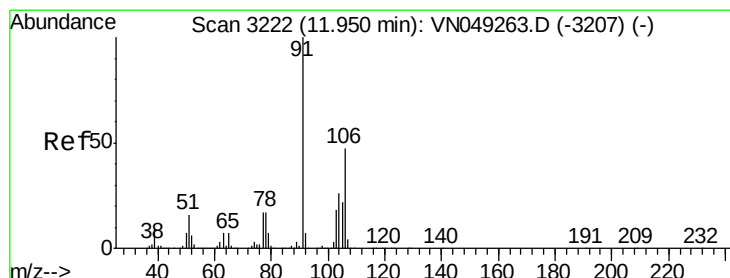
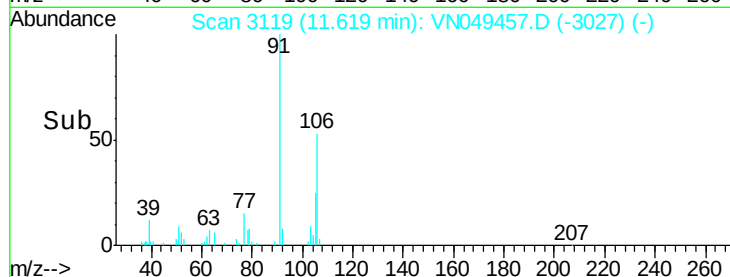
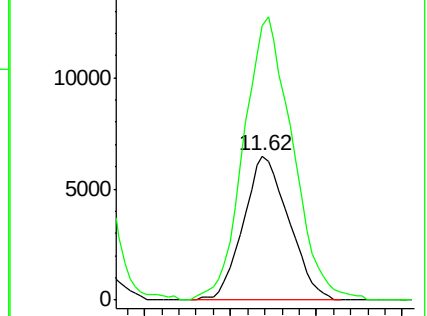
106 100

91 211.2 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.36 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049457.D

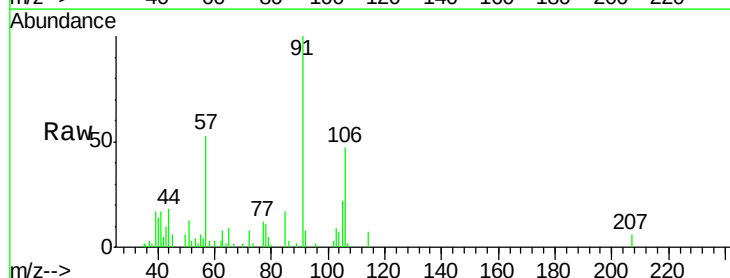
Acq: 21 Jun 2018 00:22

Tgt Ion:106 Resp: 7843

Ion Ratio Lower Upper

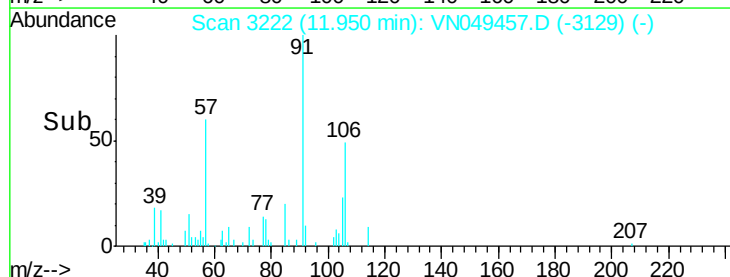
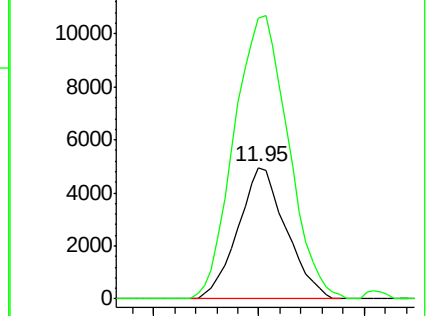
106 100

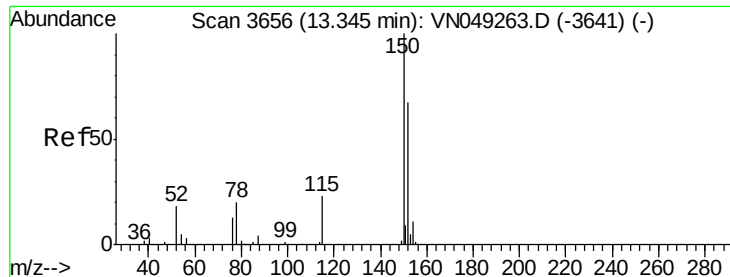
91 242.4 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

ClientSampled :

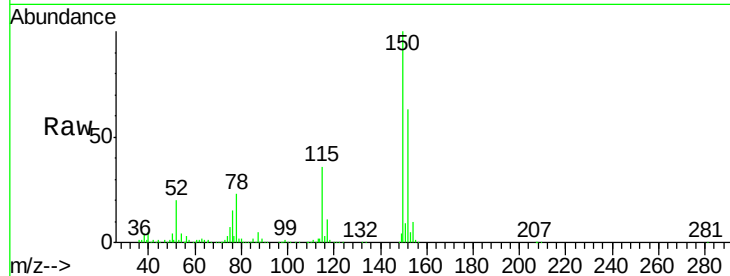
Tot Ion:152 Resp: 424228

Ion Ratio Lower Upper

152 100

115 57.2 28.7 86.1

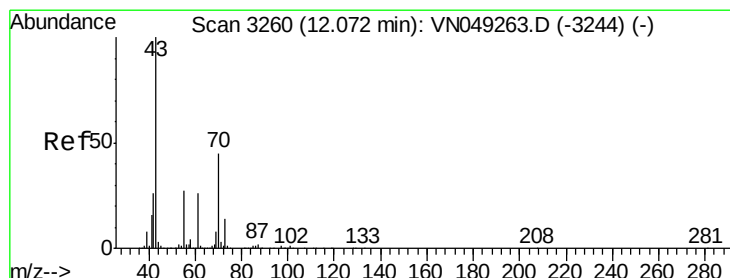
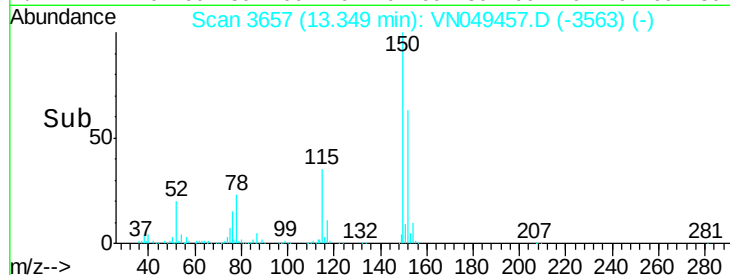
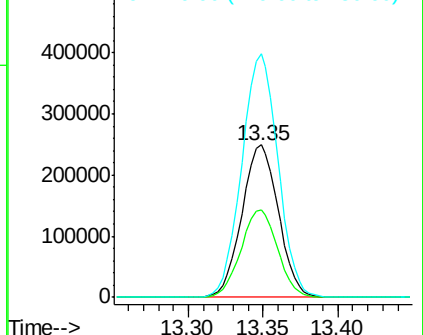
150 158.5 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.33 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Tgt Ion: 43 Resp: 2979

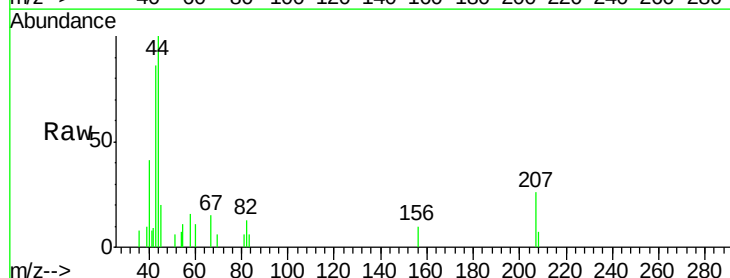
Ion Ratio Lower Upper

43 100

70 0.0 30.3 45.5#

55 18.9 19.4 29.2#

61 0.0 17.8 26.6#

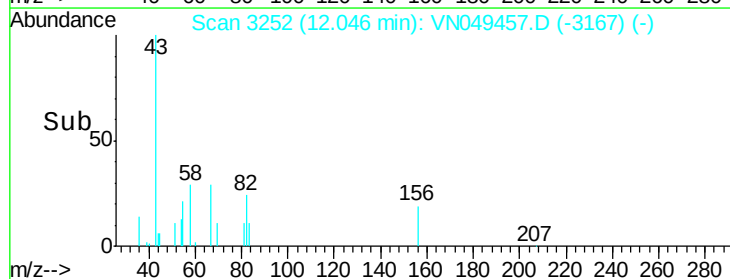
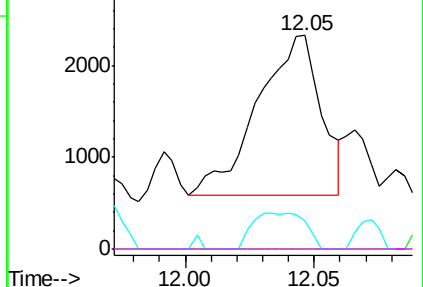


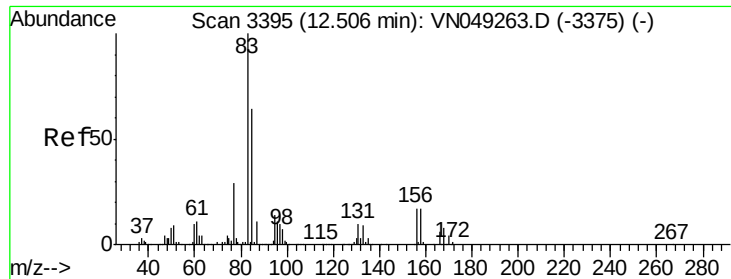
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3389

Delta R.T. -0.02 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

ClientSampleId :

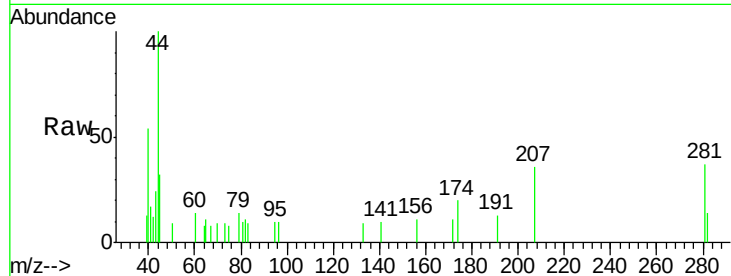
Tot Ion: 83 Resp: 68

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

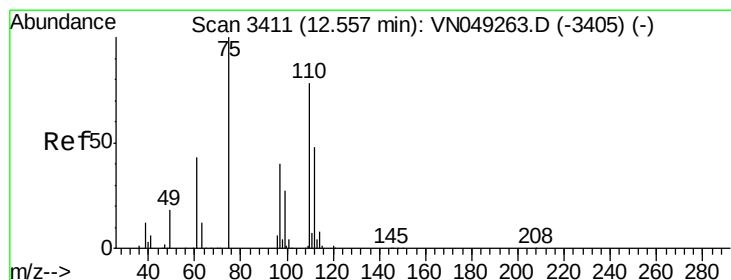
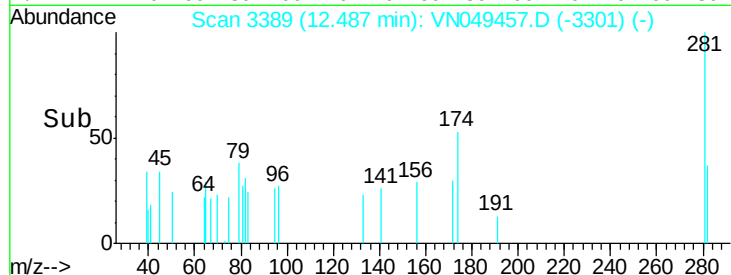
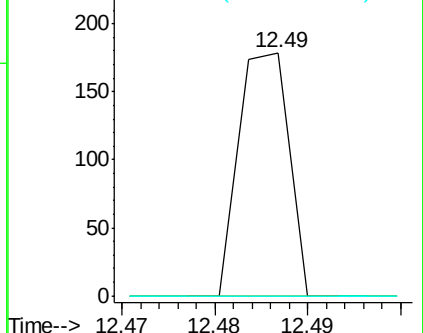
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 39.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049457.D

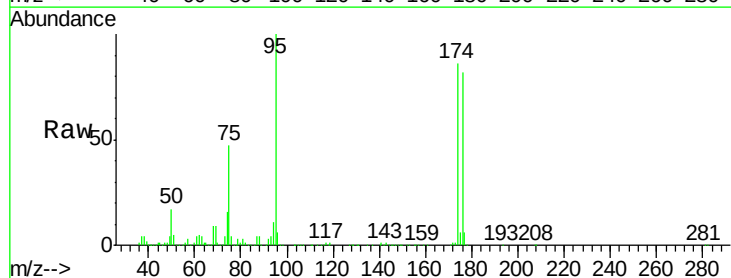
Acq: 21 Jun 2018 00:22

Tgt Ion: 75 Resp: 286356

Ion Ratio Lower Upper

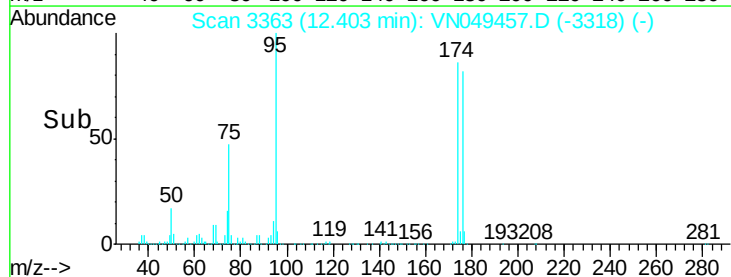
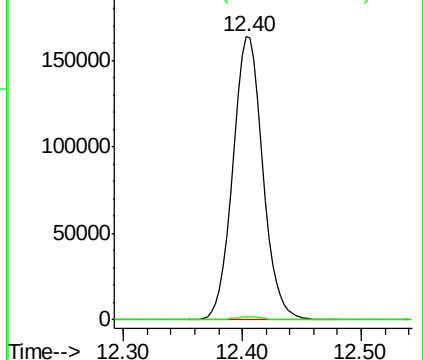
75 100

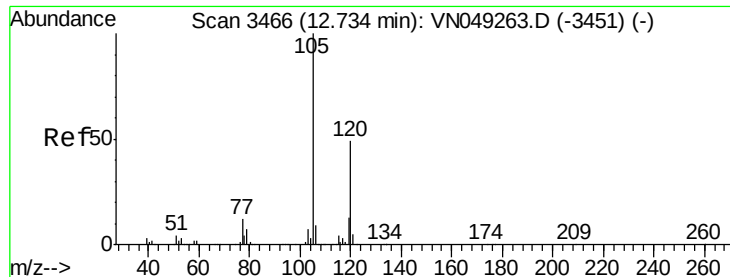
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 0.52 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

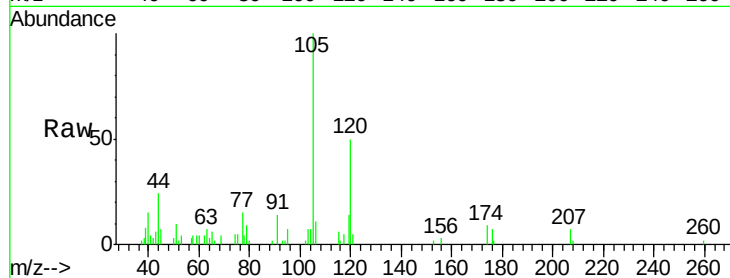
ClientSampled :

Tot Ion:105 Resp: 15176

Ion Ratio Lower Upper

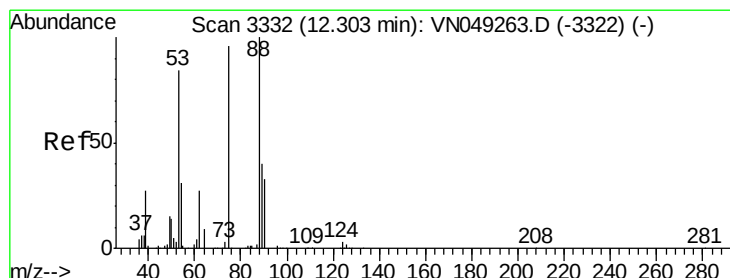
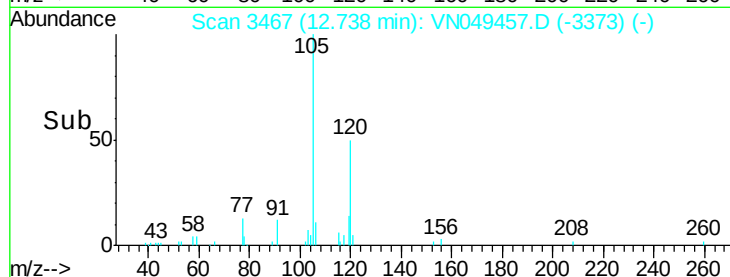
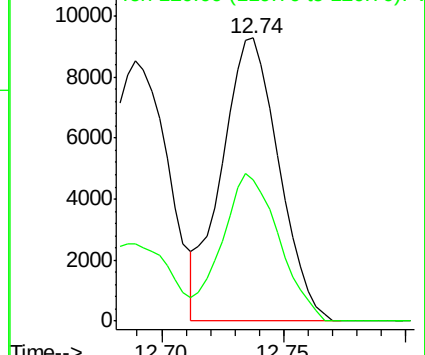
105 100

120 51.6 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 125.03 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

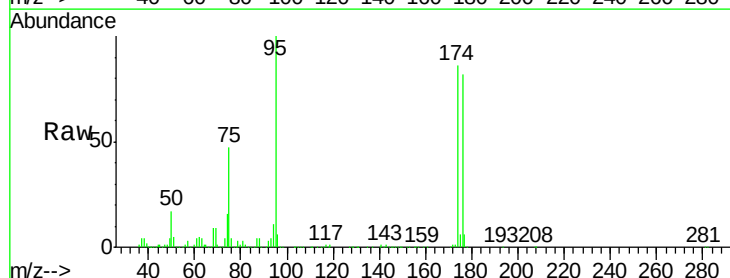
Tgt Ion: 75 Resp: 286356

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

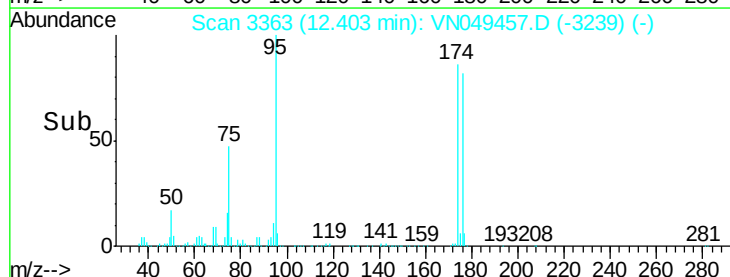
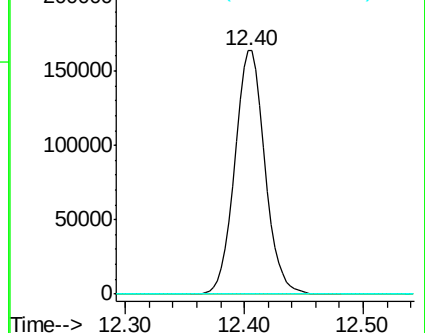
89 0.1 36.5 54.7#

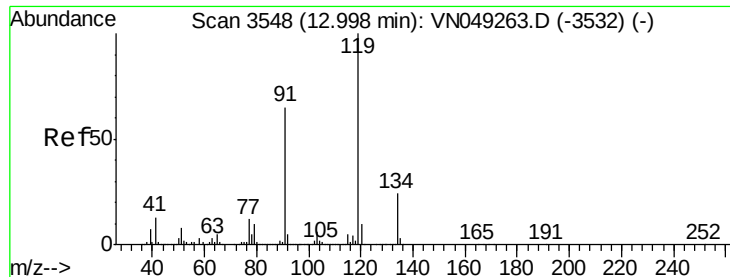


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

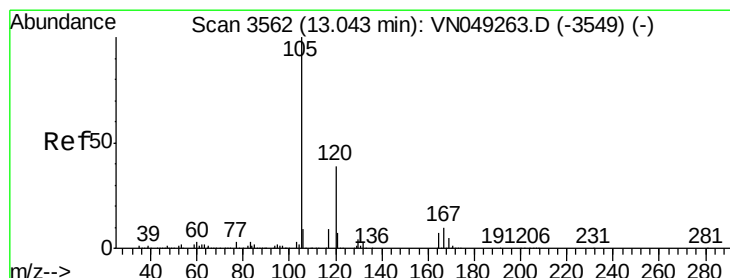
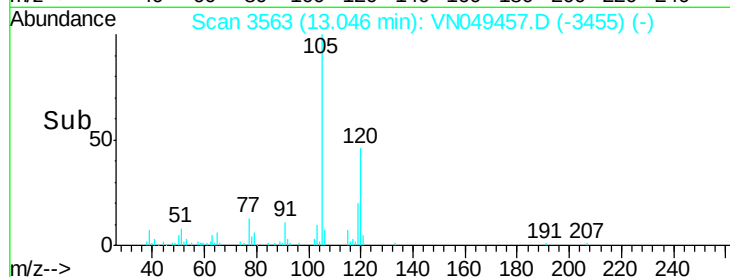
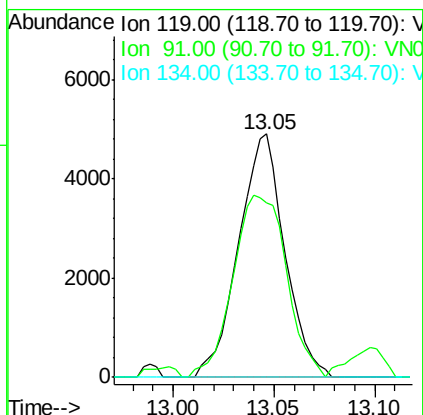
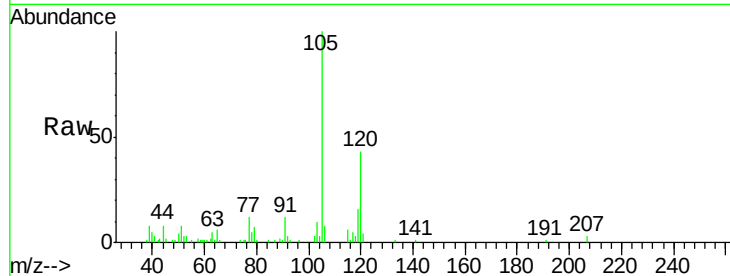




#83
 tert-Butylbenzene
 Concen: 0.30 ug/l
 RT: 13.05 min Scan# 3563
 Delta R.T. 0.05 min
 Lab File: VN049457.D
 Acq: 21 Jun 2018 00:22

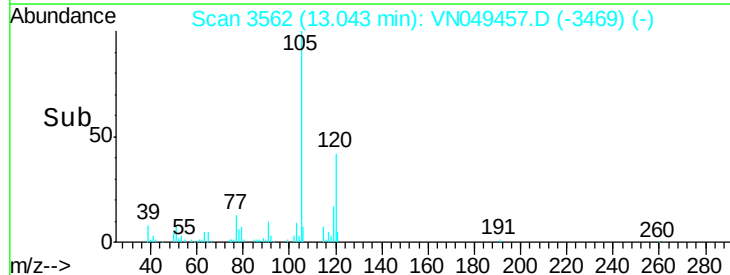
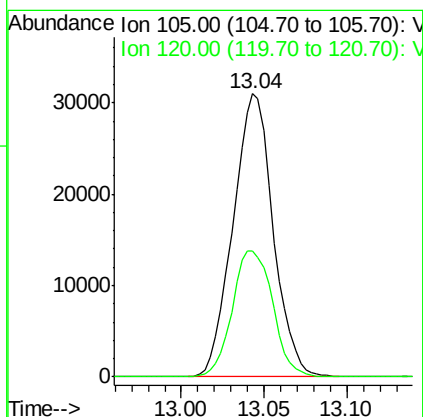
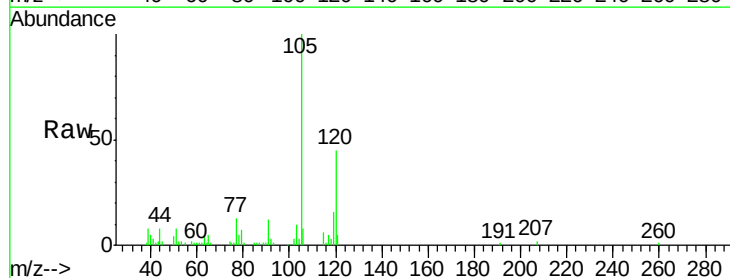
Instrument :
 MSVOA_N
 ClientSampleId :

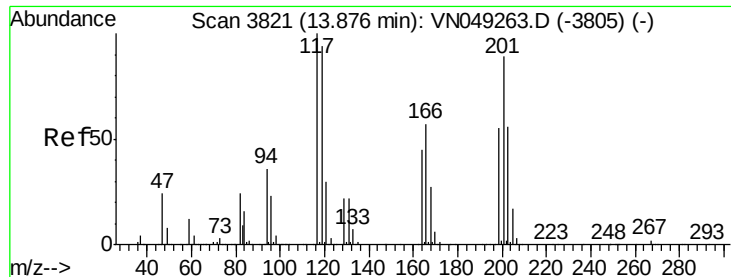
Tot Ion:119 Resp: 7868
 Ion Ratio Lower Upper
 119 100
 91 86.5 33.7 101.0
 134 0.0 12.9 38.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.79 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049457.D
 Acq: 21 Jun 2018 00:22

Tgt Ion:105 Resp: 52023
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.2 66.6





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

Instrument :

MSVOA_N

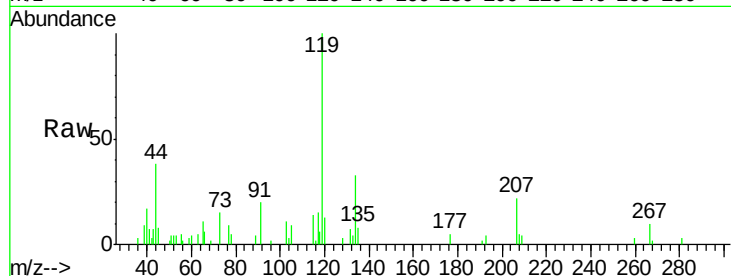
ClientSampled :

Tot Ion:117 Resp: 2063

Ion Ratio Lower Upper

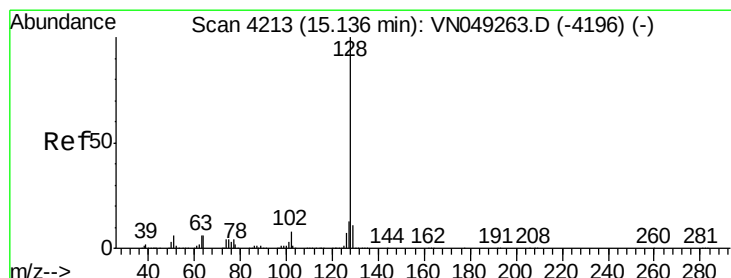
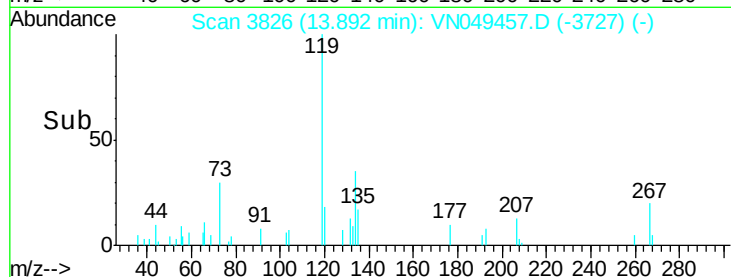
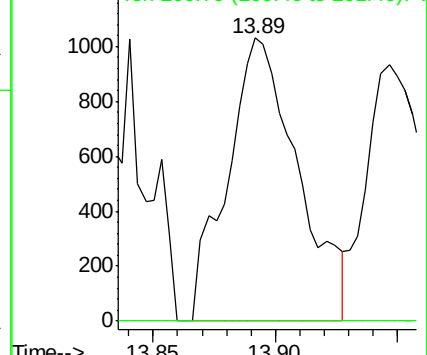
117 100

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: 18.35 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049457.D

Acq: 21 Jun 2018 00:22

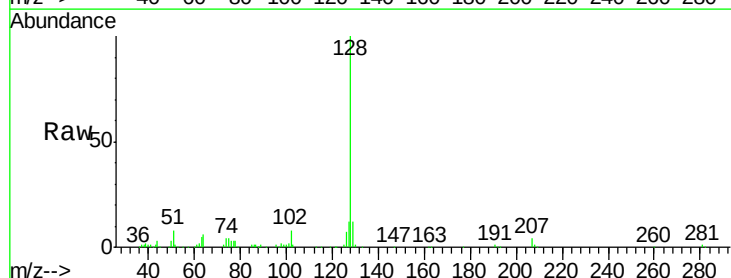
Tgt Ion:128 Resp: 200586

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 11.5 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

