

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049365.D
 Acq On : 19 Jun 2018 1:32
 Operator : MD\SY
 Sample : J3540-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 03:59:16 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	1202749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1899662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1567909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	491166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	800923	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.59	113	707800	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	10.09	98	2602461	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	
62) 4-Bromofluorobenzene	12.41	95	678181	35.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.10%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	4452	0.25	ug/l #	88
5) Bromomethane	2.57	94	6457	0.65	ug/l	91
11) Tert butyl alcohol	4.80	59	380	0.41	ug/l #	70
13) Acrolein	3.61	56	438	0.45	ug/l #	70
16) Acetone	3.82	43	58503	15.10	ug/l #	84
18) Methyl Acetate	4.34	43	86766	7.35	ug/l	99
20) Methylene Chloride	4.55	84	77629	4.80	ug/l	88
25) 2-Butanone	6.85	43	9946	1.91	ug/l	94
29) Tetrahydrofuran	7.21	42	1245	0.37	ug/l #	77
30) Chloroform	7.38	83	14463	0.52	ug/l	90
31) Cyclohexane	7.67	56	21902	0.75	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	87109	4.00	ug/l #	51
38) Carbon Tetrachloride	7.67	117	105719	4.69	ug/l #	17
43) Isopropyl Acetate	8.23	43	164056	7.25	ug/l #	64
47) Bromodichloromethane	9.40	83	5097	0.23	ug/l #	57
49) 1,4-Dioxane	9.20	88	139	0.95	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6235	0.53	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.70	63	63	14.34	ug/l #	51
59) 2-Hexanone	10.76	43	2039	0.27	ug/l	71
65) Chlorobenzene	11.44	112	12783	0.32	ug/l	94
71) Bromoform	12.41	173	4557	0.46	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	382	Below	Cal #	60
76) 1,2,3-Trichloropropane	12.41	75	331587	39.57	ug/l #	100
77) Bromobenzene	12.54	156	3677	0.32	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.74	105	6808	0.20	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.41	75	331587	125.05	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	20123	0.60	ug/l	96
90) Hexachloroethane	13.89	117	1134	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	624	0.42	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	1891	4.95	ug/l #	72
94) Hexachlorobutadiene	15.02	225	465	Below	Cal #	35
95) Naphthalene	15.14	128	58744	6.35	ug/l	98
96) 1,2,3-Trichlorobenzene	15.33	180	1998	3.68	ug/l #	60

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

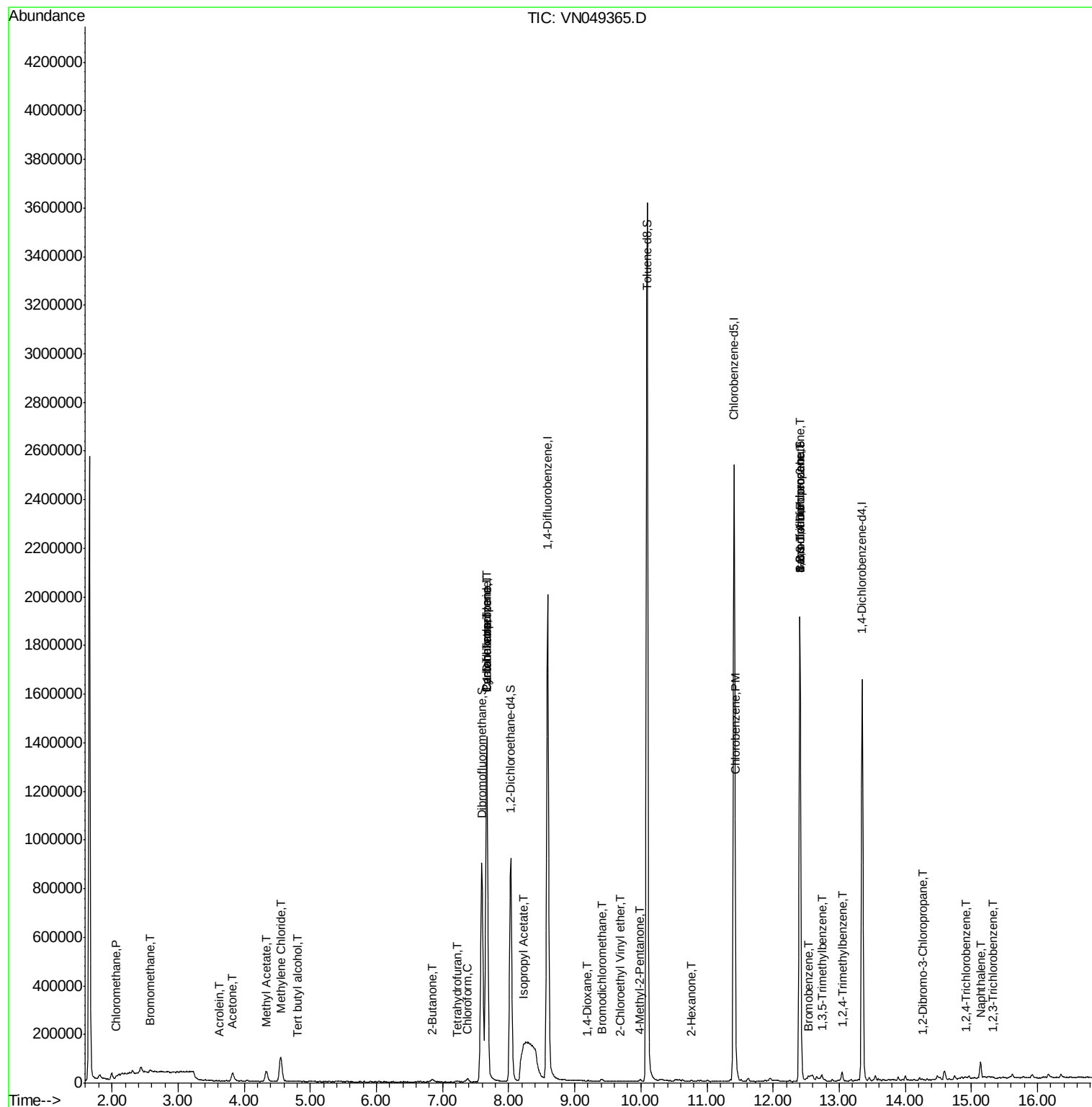
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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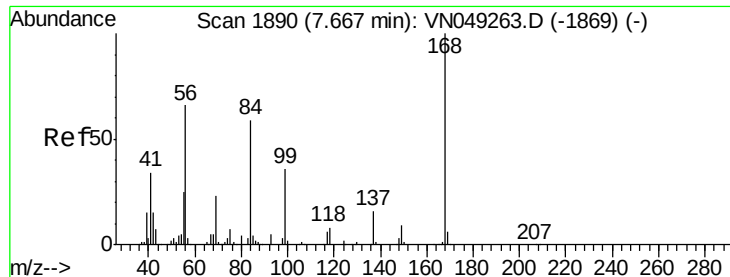
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
Data File : VN049365.D
Acq On : 19 Jun 2018 1:32
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

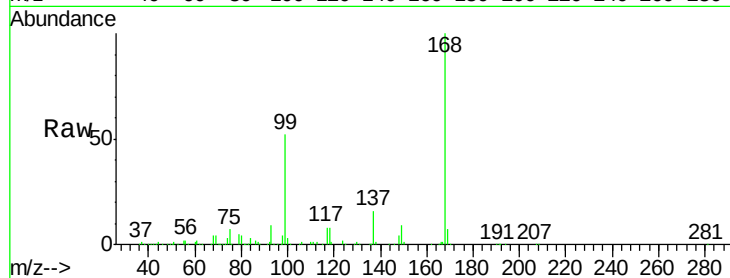
ClientSampleId :

Tot Ion:168 Resp: 1202749

Ion Ratio Lower Upper

168 100

99 52.0 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

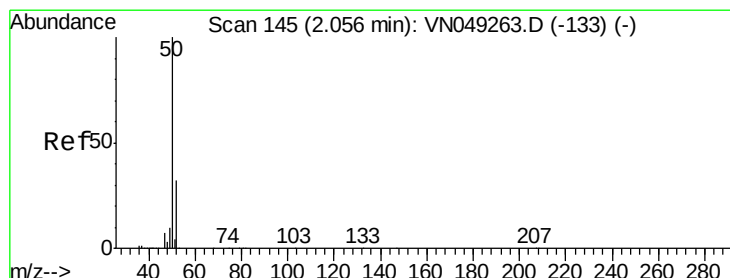
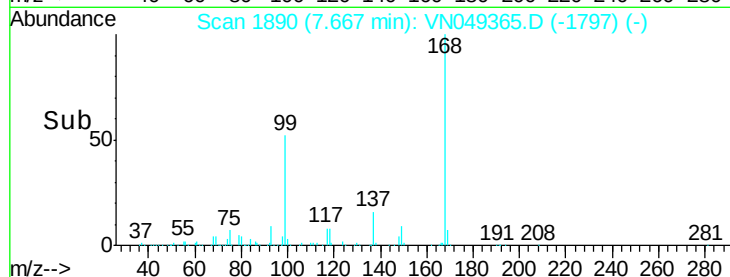
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049365.D

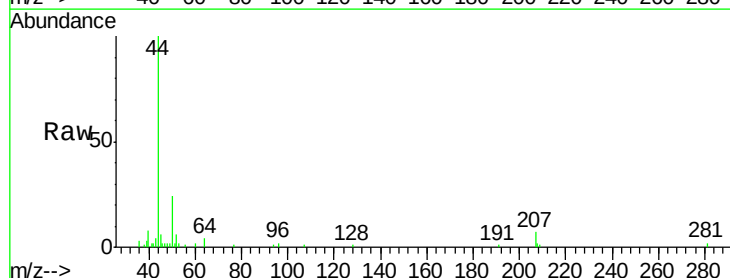
Acq: 19 Jun 2018 1:32

Tgt Ion: 50 Resp: 4452

Ion Ratio Lower Upper

50 100

52 25.0 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

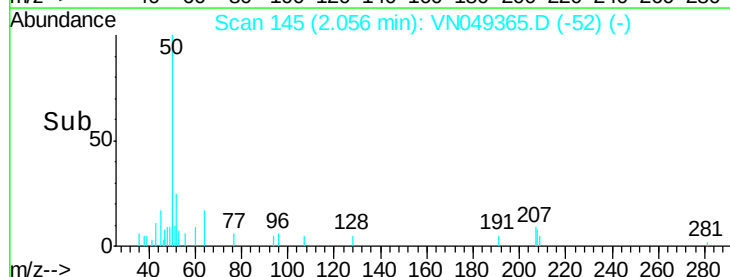
3000

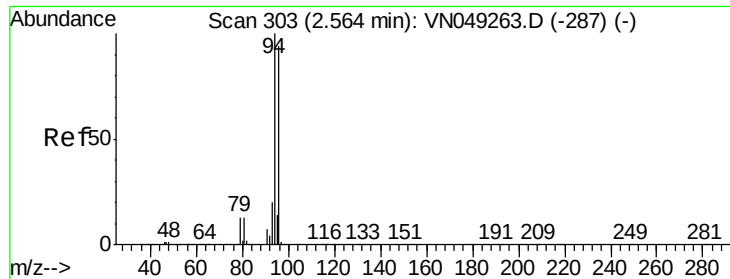
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.65 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

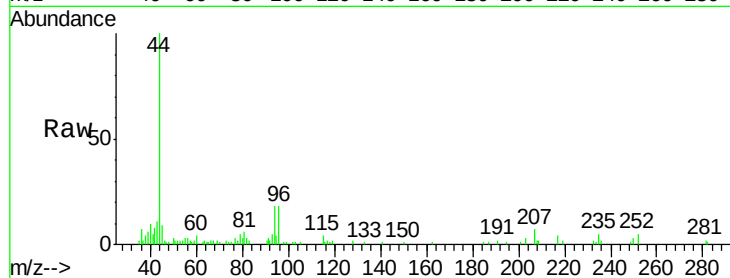
ClientSampled :

Tot Ion: 94 Resp: 6457

Ion Ratio Lower Upper

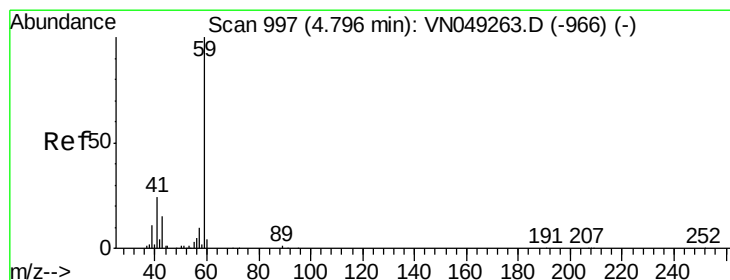
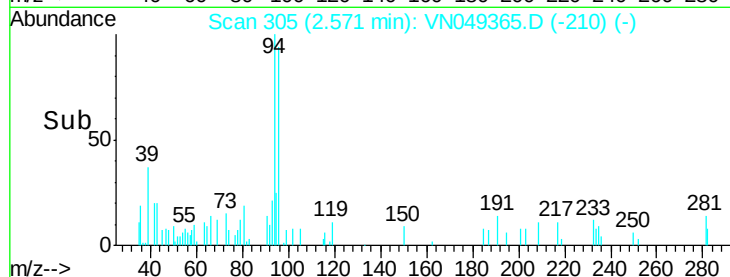
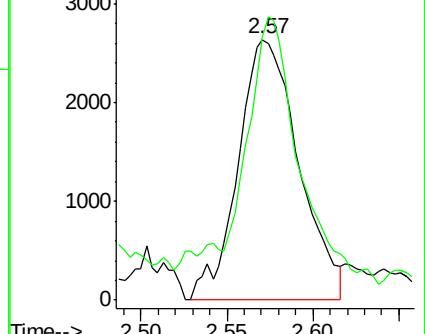
94 100

96 82.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 0.41 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN049365.D

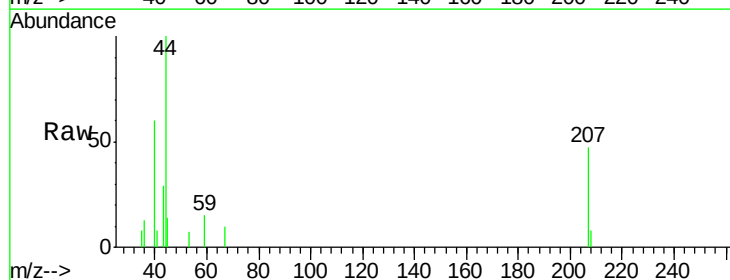
Acq: 19 Jun 2018 1:32

Tgt Ion: 59 Resp: 380

Ion Ratio Lower Upper

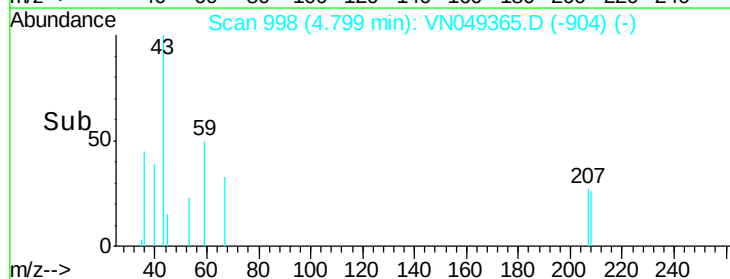
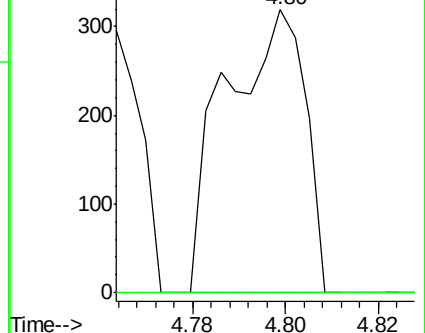
59 100

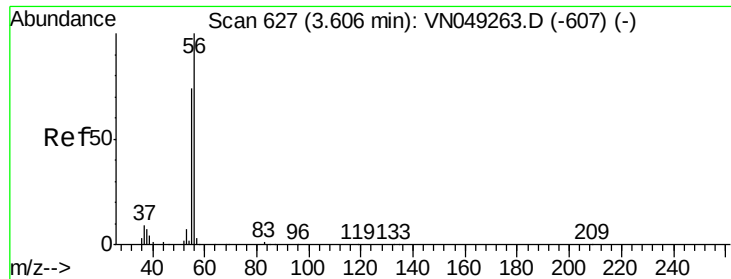
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

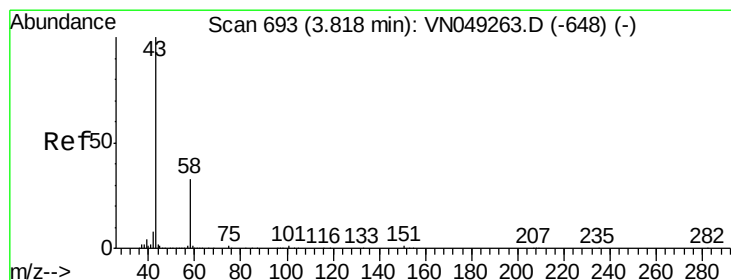
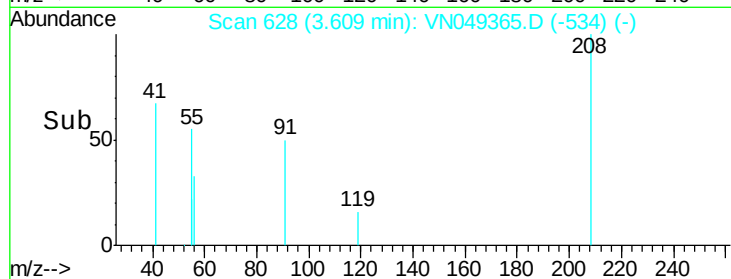
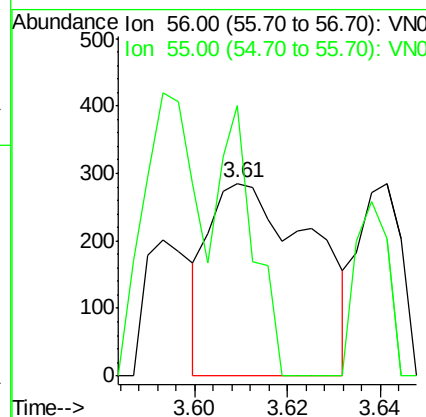
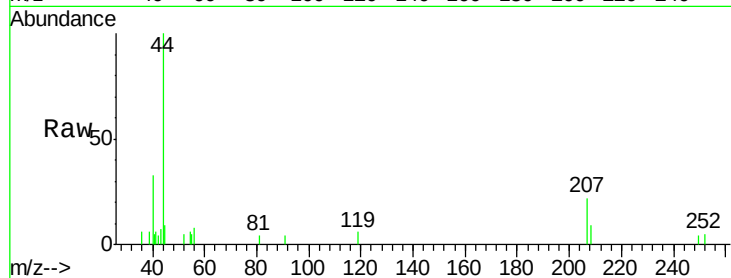




#13
Acrolein
Concen: 0.45 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

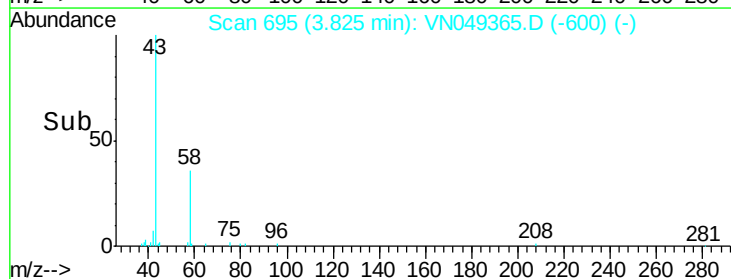
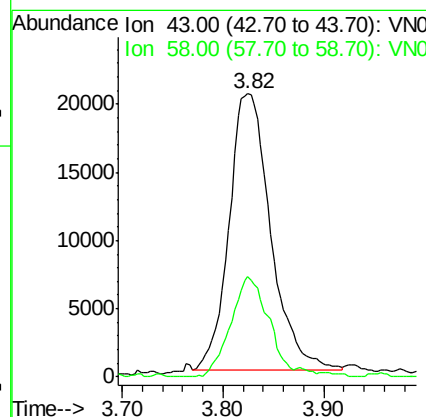
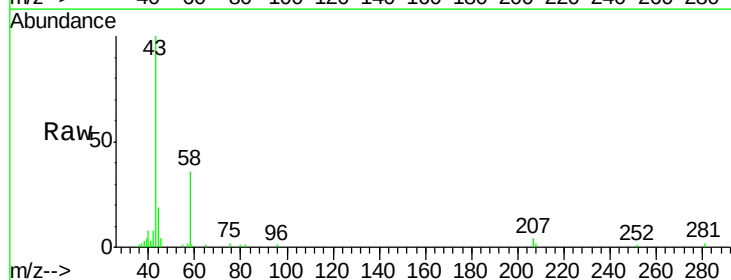
Instrument :
MSVOA_N
ClientSampled :

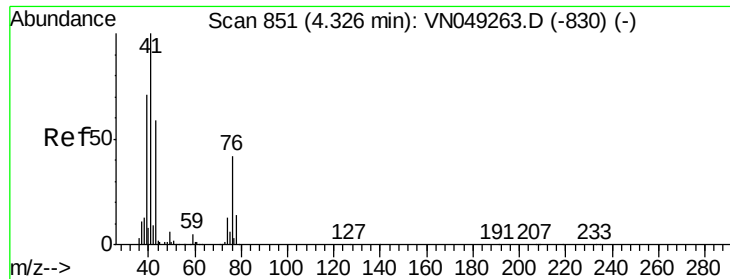
Tot Ion: 56 Resp: 438
Ion Ratio Lower Upper
56 100
55 46.6 57.1 85.7#



#16
Acetone
Concen: 15.10 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

Tgt Ion: 43 Resp: 58503
Ion Ratio Lower Upper
43 100
58 36.5 22.4 33.6#

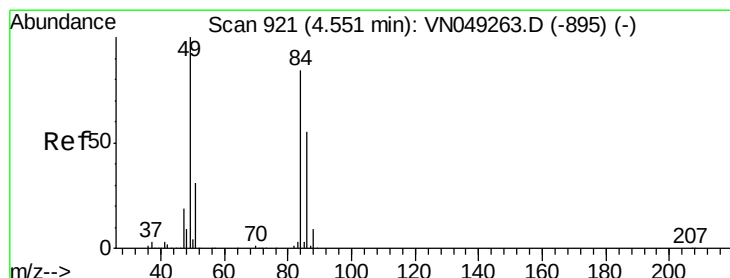
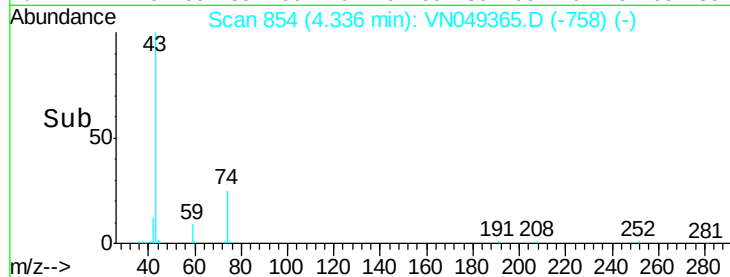
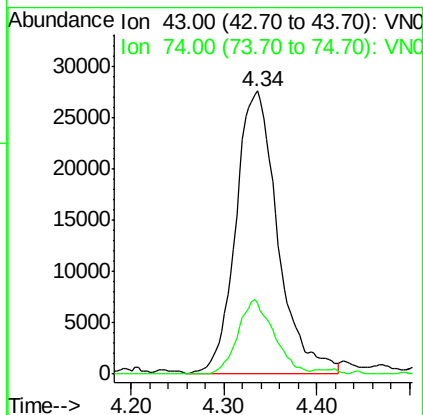
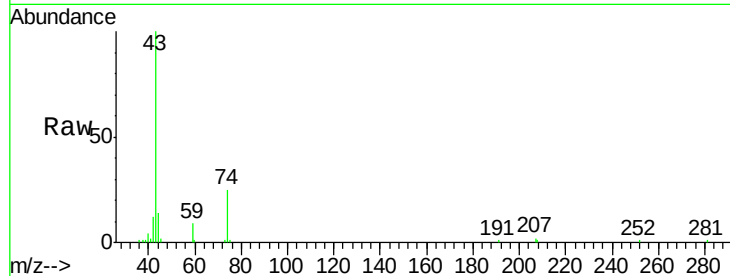




#18
Methvl Acetate
Concen: 7.35 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

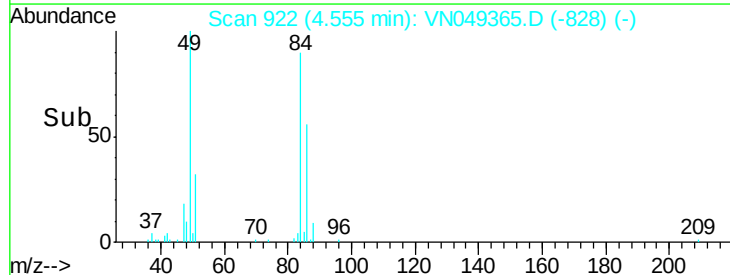
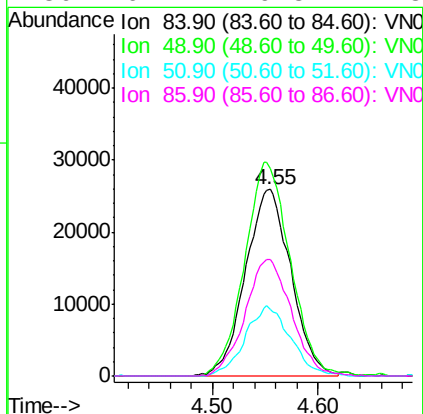
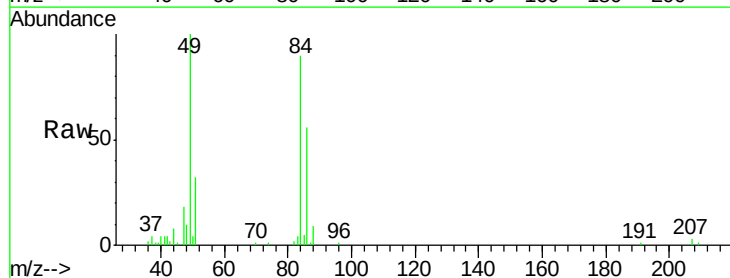
Instrument :
MSVOA_N
ClientSampleId :

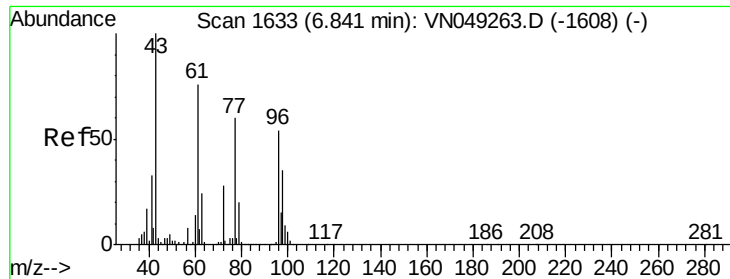
Tot Ion: 43 Resp: 86766
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 4.80 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

Tgt Ion: 84 Resp: 77629
Ion Ratio Lower Upper
84 100
49 111.2 106.9 160.3
51 35.5 32.7 49.1
86 62.2 49.8 74.8





#25

2-Butanone

Concen: 1.91 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

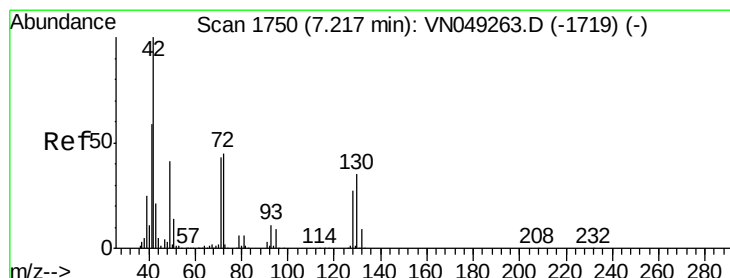
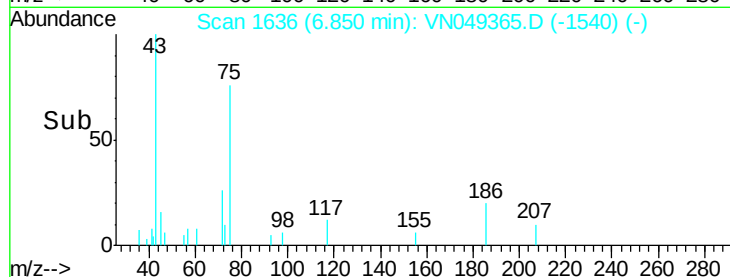
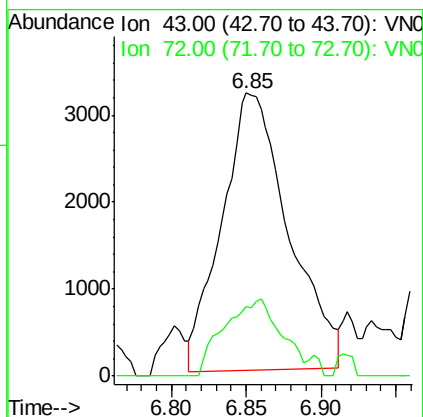
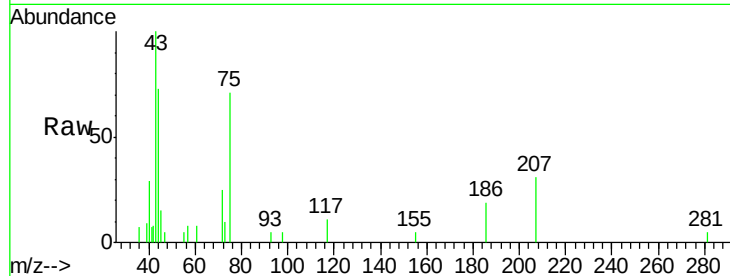
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 9946

Ion Ratio Lower Upper

43 100

72 28.0 20.2 30.2



#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

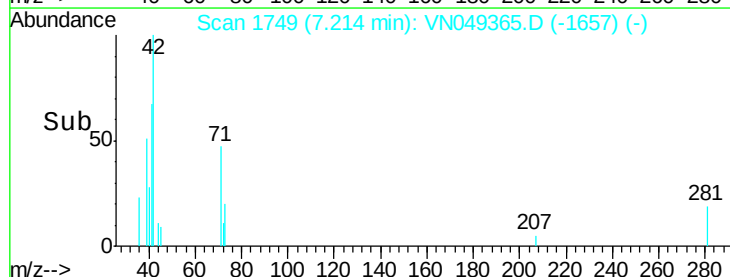
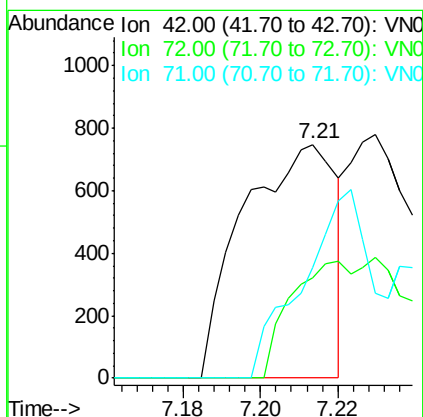
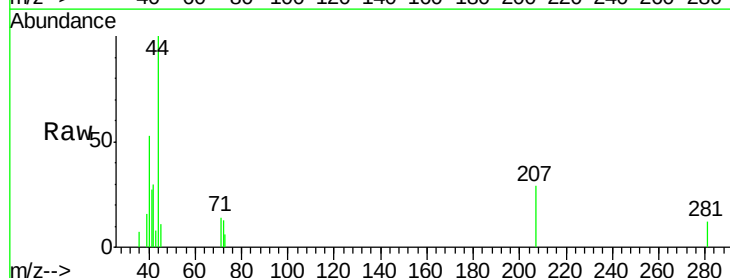
Tgt Ion: 42 Resp: 1245

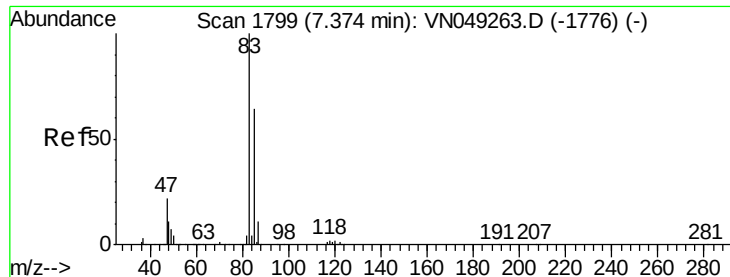
Ion Ratio Lower Upper

42 100

72 33.0 32.2 48.4

71 59.8 30.5 45.7#

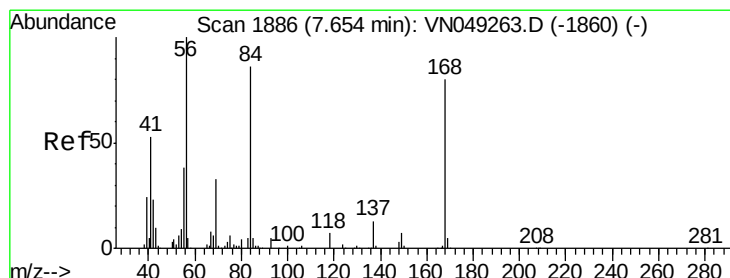
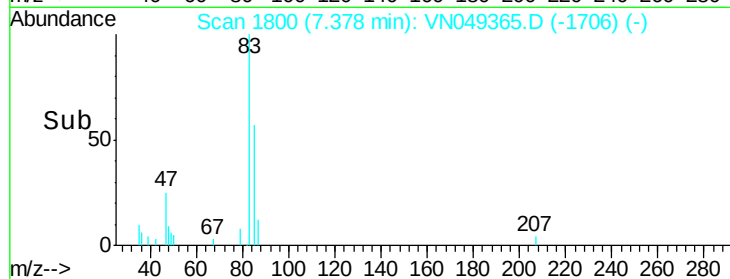
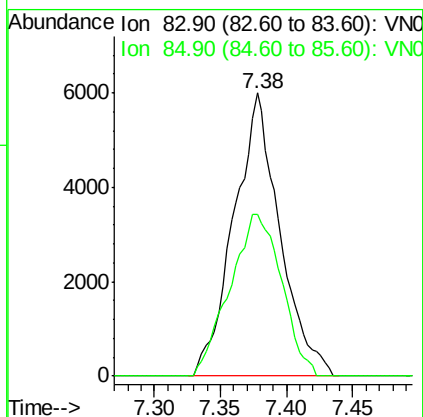
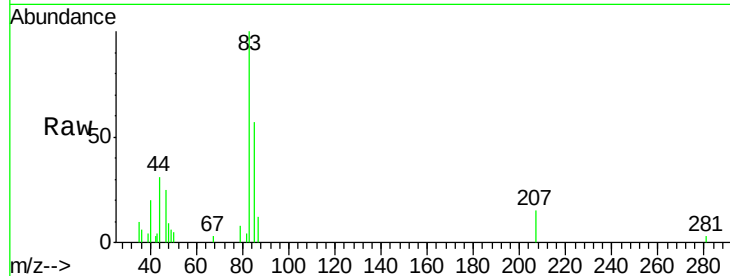




#30
Chloroform
Concen: 0.52 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

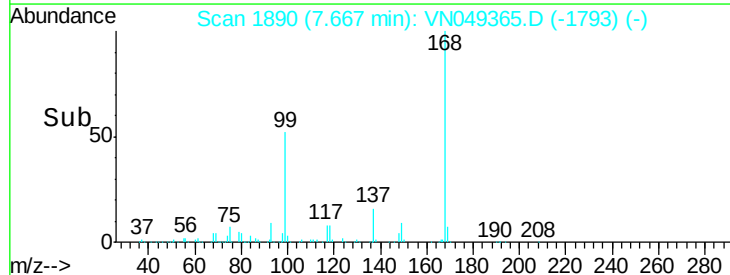
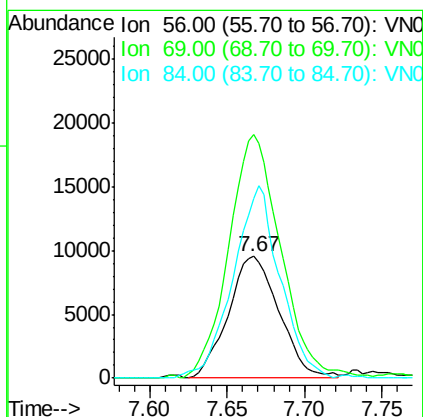
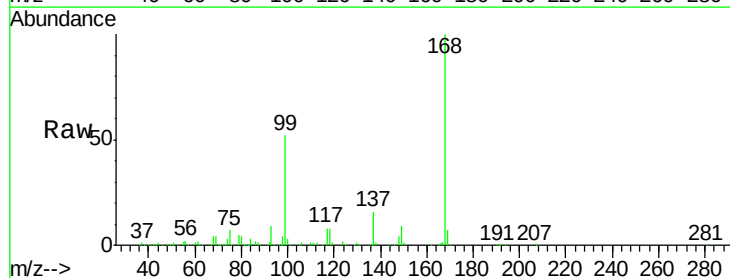
Instrument :
MSVOA_N
ClientSampleId :

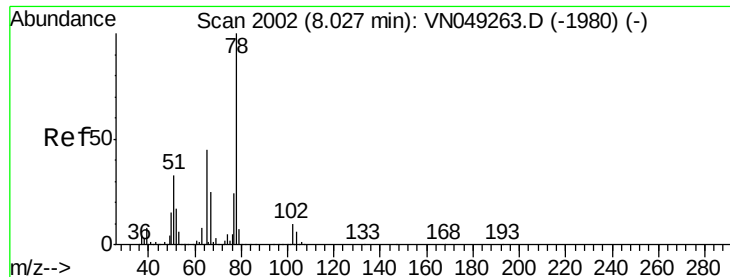
Tot Ion: 83 Resp: 14463
Ion Ratio Lower Upper
83 100
85 56.9 51.7 77.5



#31
Cyclohexane
Concen: 0.75 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

Tgt Ion: 56 Resp: 21902
Ion Ratio Lower Upper
56 100
69 197.5 25.0 37.4#
84 146.8 64.6 96.8#

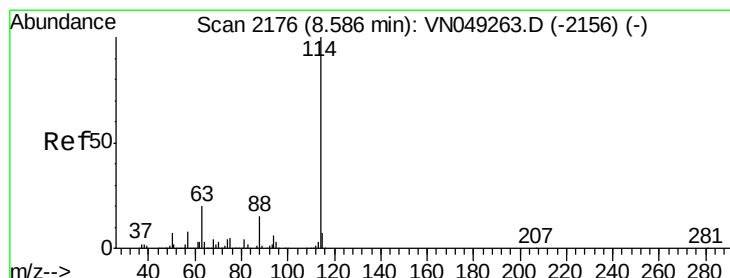
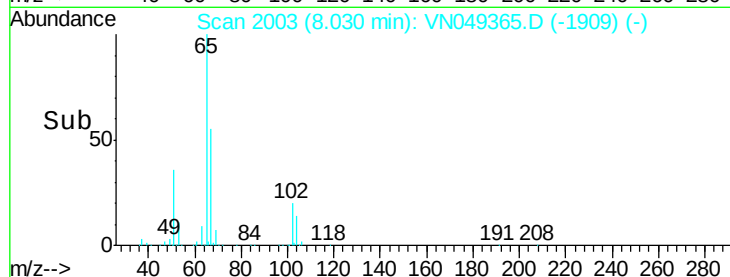
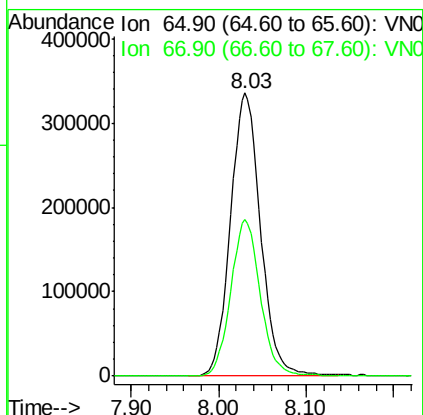
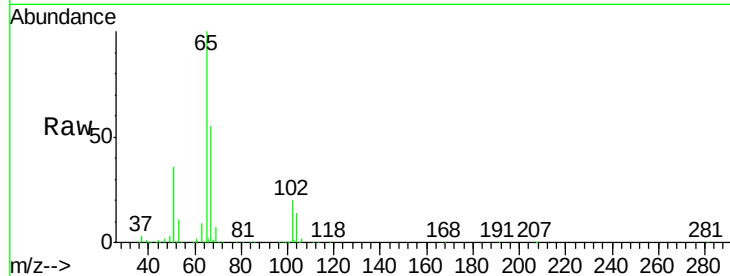




#33
 1,2-Dichloroethane-d4
 Concen: 50.21 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049365.D
 Acq: 19 Jun 2018 1:32

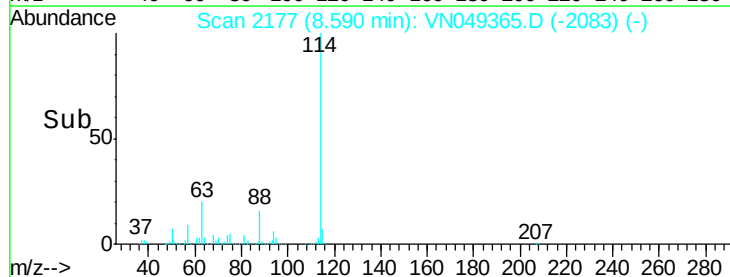
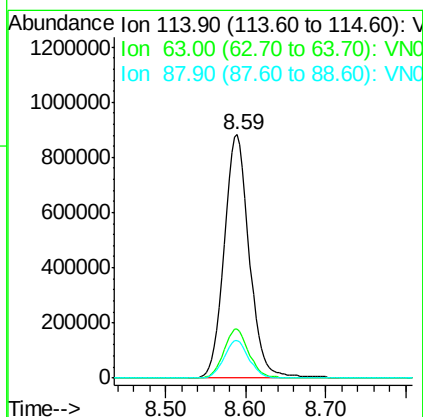
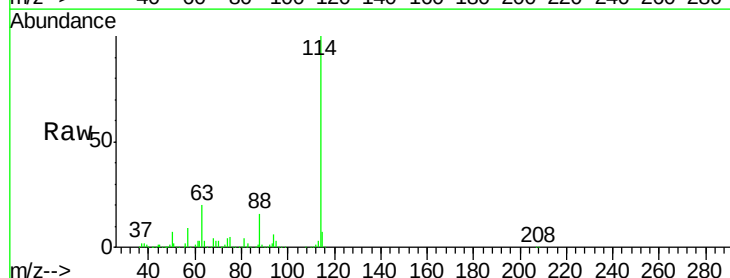
Instrument :
 MSVOA_N
 ClientSampleId :

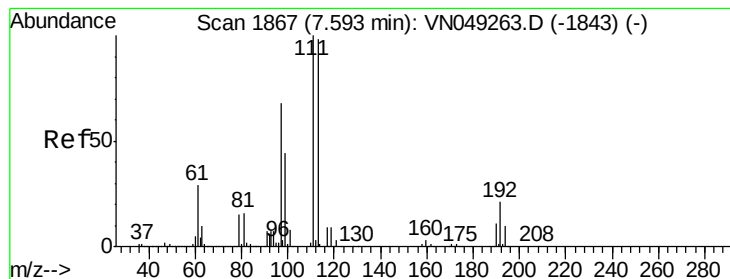
Tot Ion: 65 Resp: 800923
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049365.D
 Acq: 19 Jun 2018 1:32

Tgt Ion: 114 Resp: 1899662
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.05 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

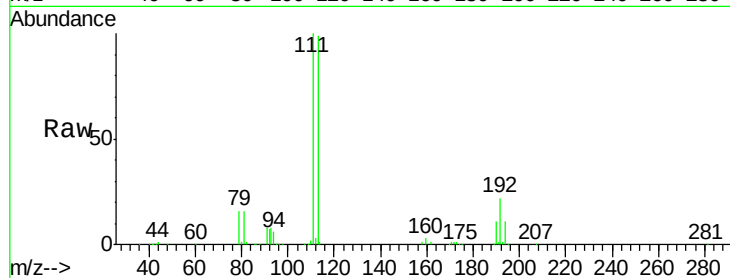
Tot Ion:113 Resp: 707800

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

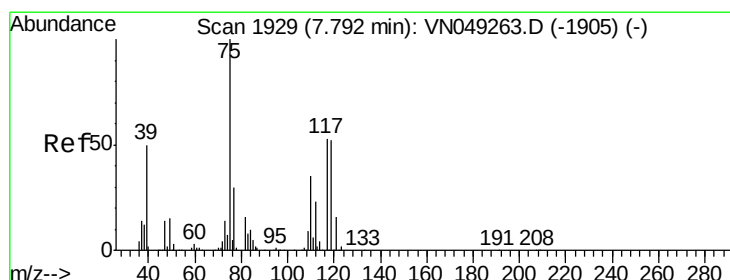
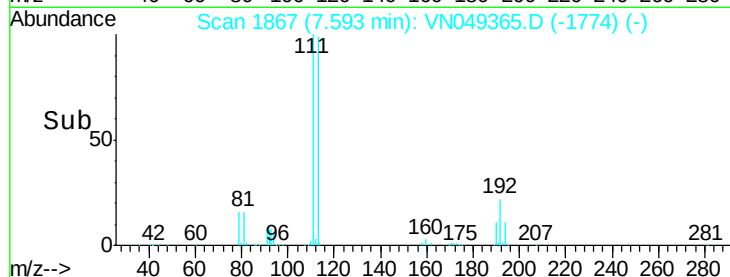
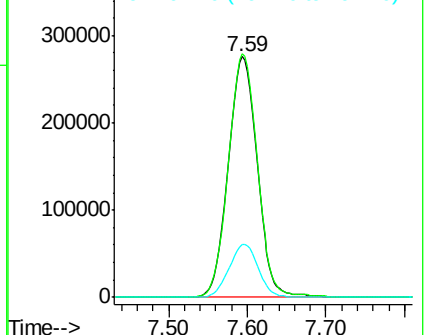
192 22.2 15.0 22.6



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: 4.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

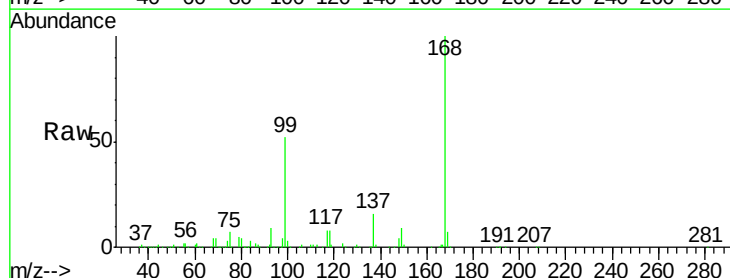
Tgt Ion: 75 Resp: 87109

Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

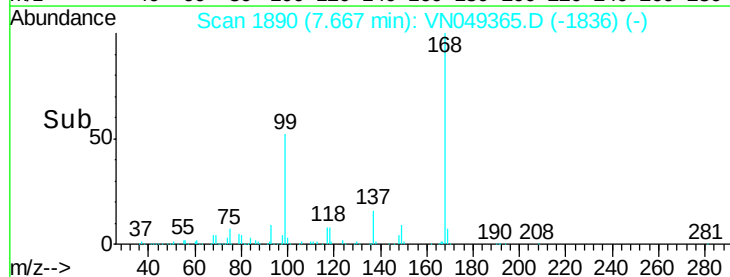
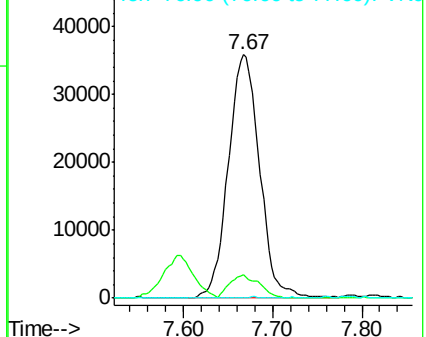
77 0.1 24.4 36.6#

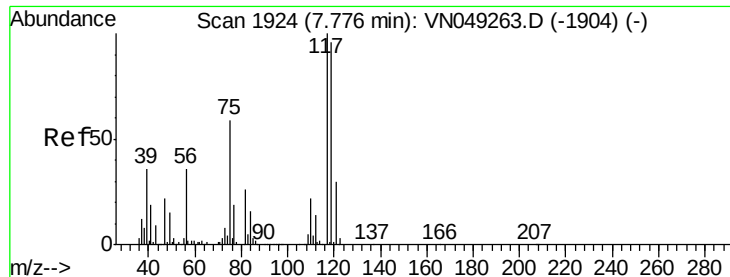


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 4.69 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

ClientSampled :

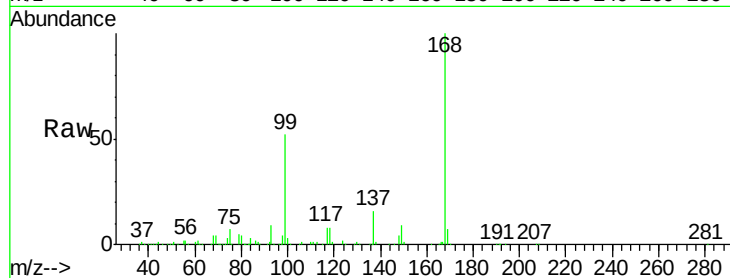
Tot Ion:117 Resp: 105719

Ion Ratio Lower Upper

117 100

119 6.2 75.6 113.4#

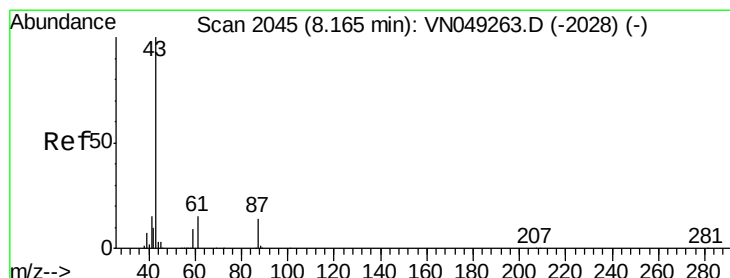
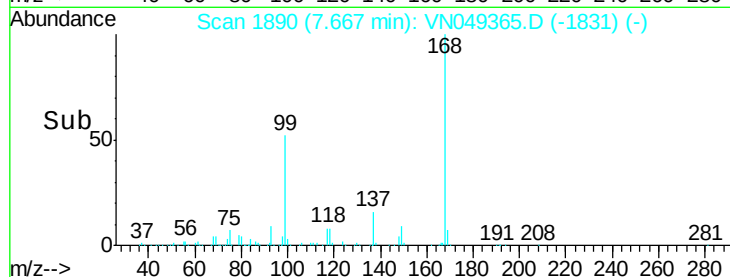
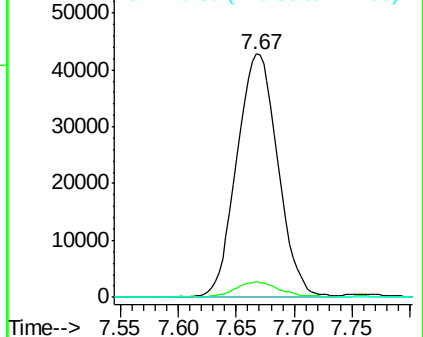
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 7.25 ug/l

RT: 8.23 min Scan# 2065

Delta R.T. 0.06 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

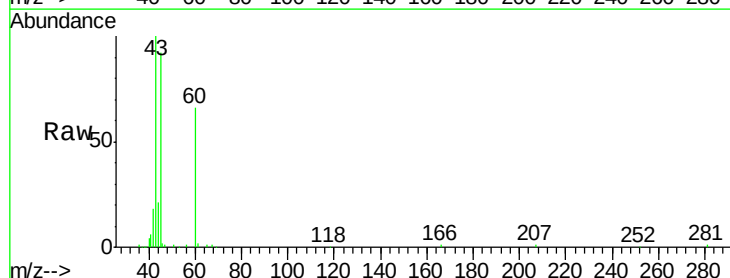
Tgt Ion: 43 Resp: 164056

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

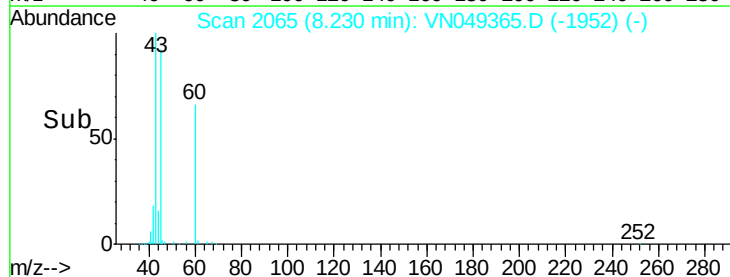
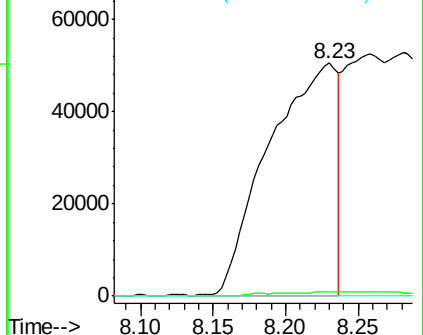
87 0.0 9.4 14.0#

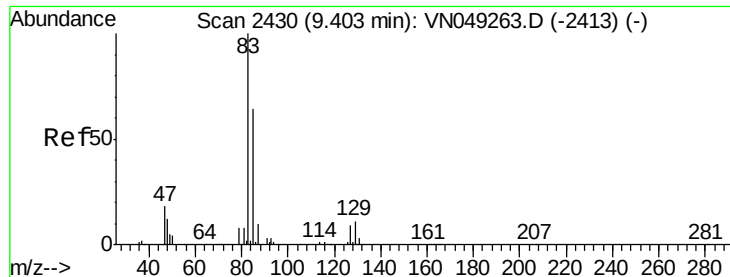


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#47

Bromodichloromethane

Concen: 0.23 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

ClientSampleId :

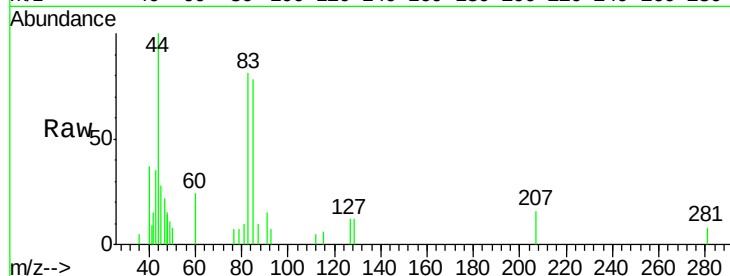
Tot Ion: 83 Resp: 5097

Ion Ratio Lower Upper

83 100

85 97.0 49.4 74.0#

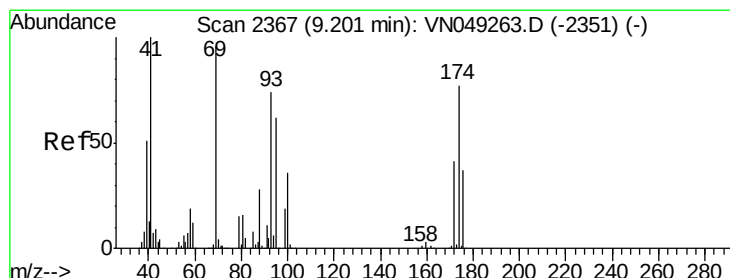
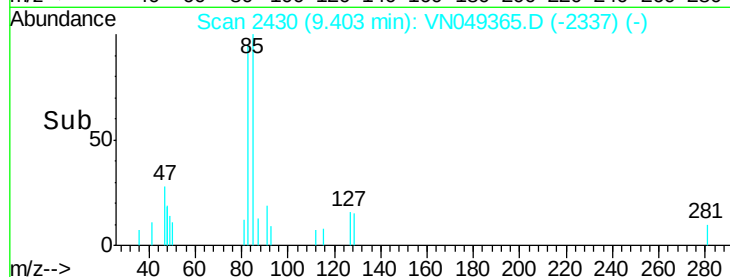
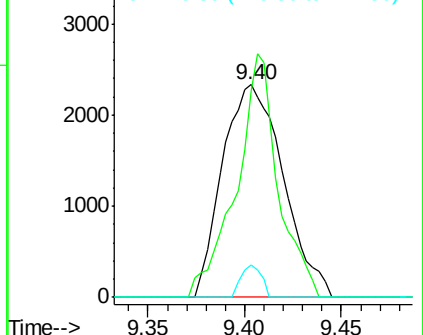
127 15.1 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN049365.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049365.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049365.D (-2337) (-)



#49

1,4-Dioxane

Concen: 0.95 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

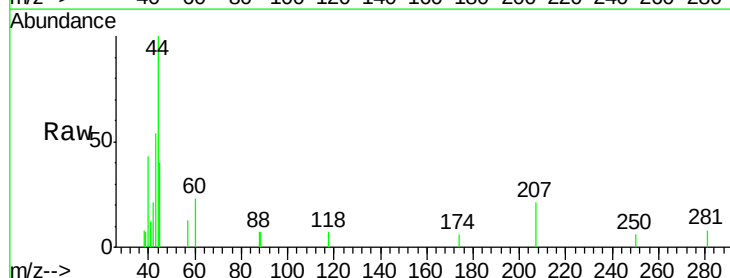
Tgt Ion: 88 Resp: 139

Ion Ratio Lower Upper

88 100

43 533.8 30.9 46.3#

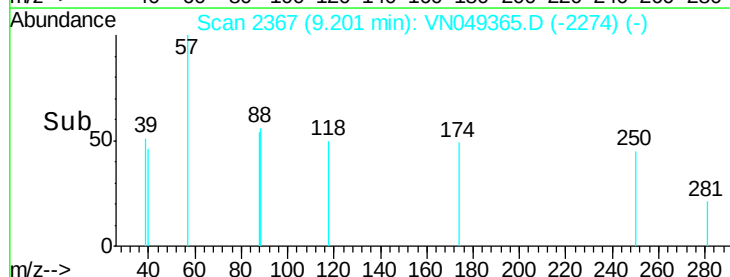
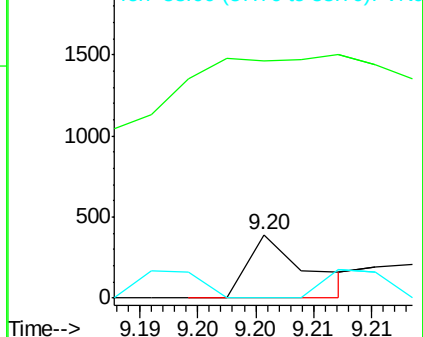
58 46.8 58.9 88.3#

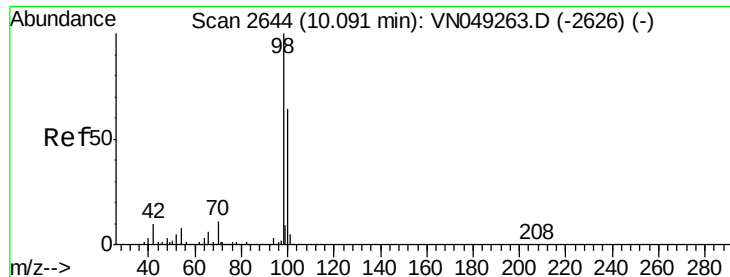


Abundance Ion 88.00 (87.70 to 88.70): VN049365.D (-2274) (-)

Ion 43.00 (42.70 to 43.70): VN049365.D (-2274) (-)

Ion 58.00 (57.70 to 58.70): VN049365.D (-2274) (-)

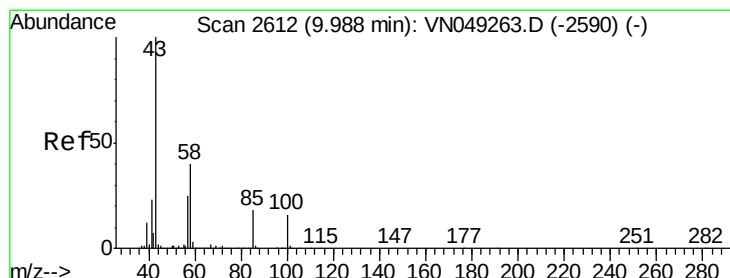
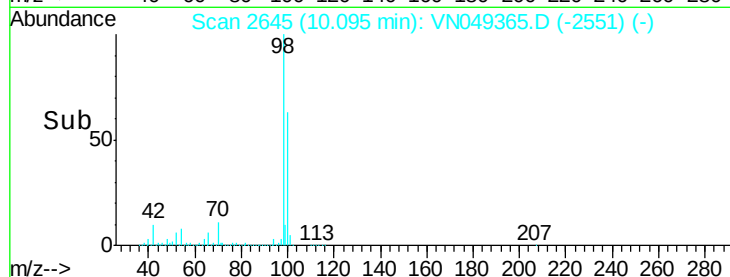
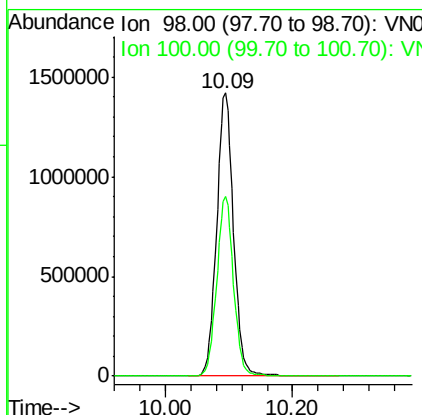
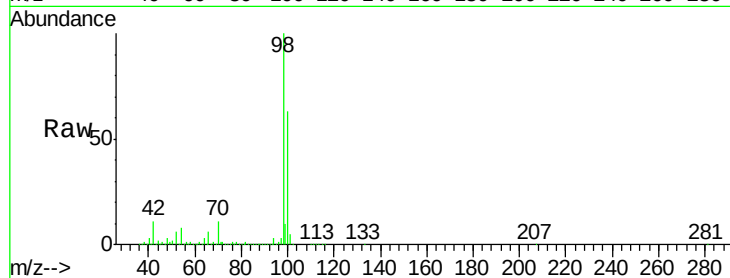




#50
Toluene-d8
Concen: 44.47 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

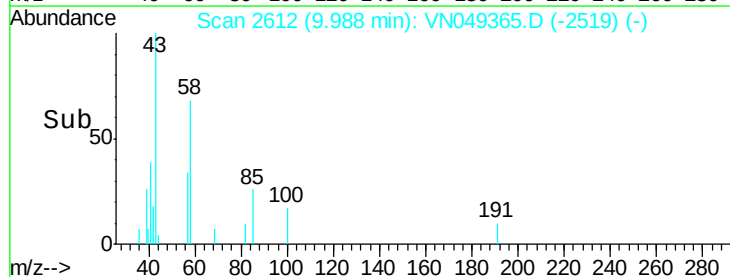
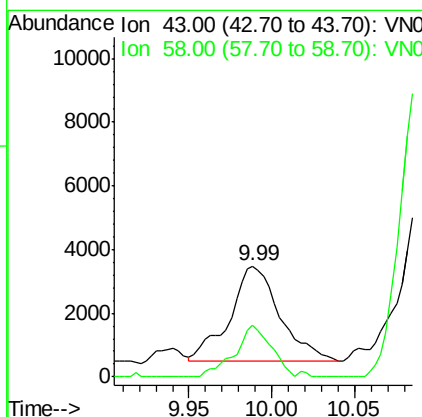
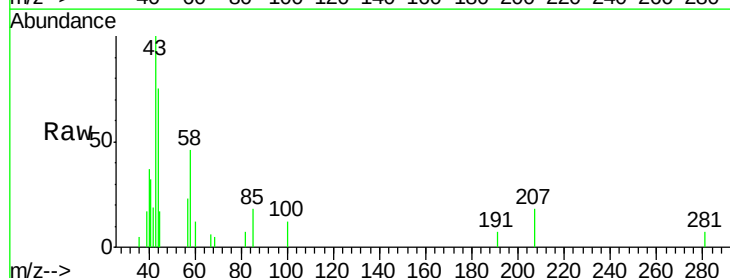
Instrument :
MSVOA_N
ClientSampled :

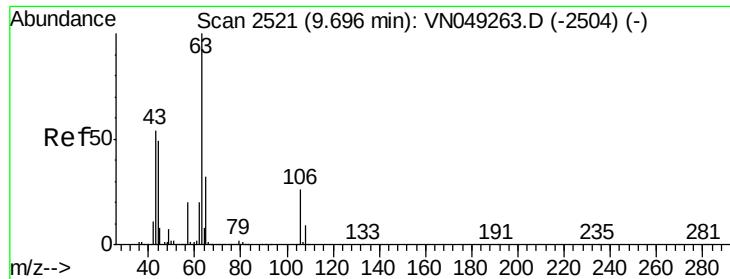
Tot Ion: 98 Resp: 2602461
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.8



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

Tgt Ion: 43 Resp: 6235
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6

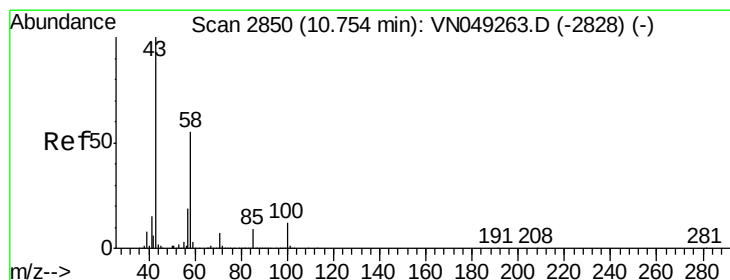
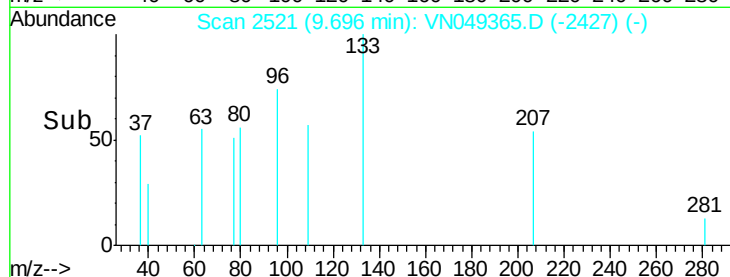
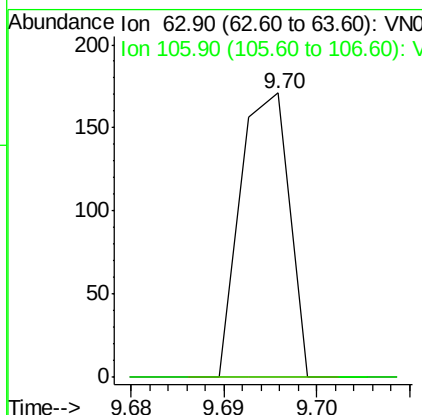
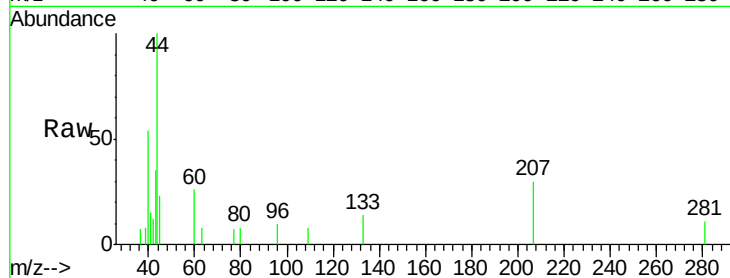




#58
2-Chloroethyl Vinyl ether
Concen: 14.34 ug/l
RT: 9.70 min Scan# 2521
Delta R.T. 0.00 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

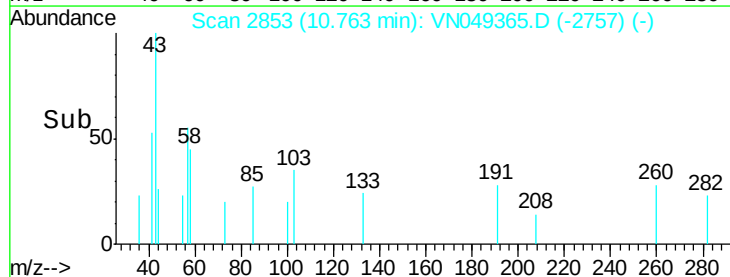
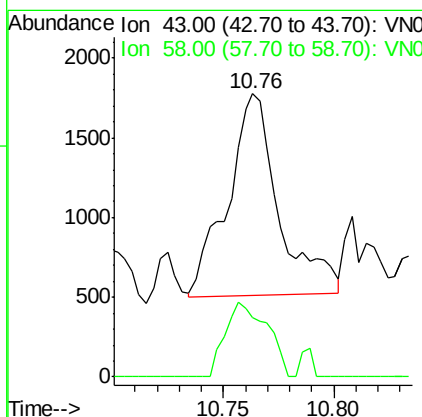
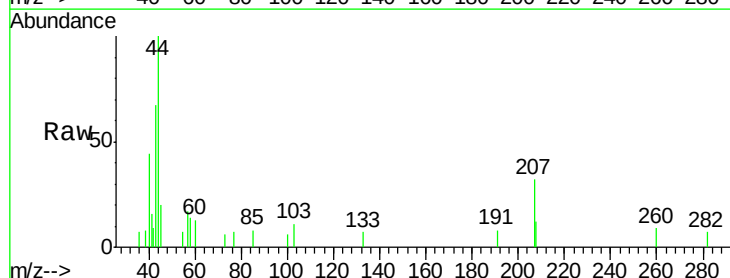
Instrument :
MSVOA_N
ClientSampled :

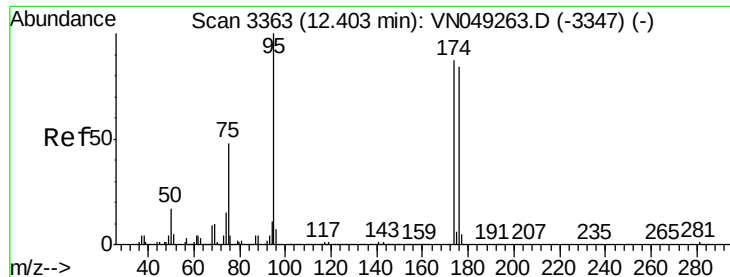
Tot Ion: 63 Resp: 63
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#



#59
2-Hexanone
Concen: 0.27 ug/l
RT: 10.76 min Scan# 2853
Delta R.T. 0.01 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
58 30.2 25.2 75.6





#62

4-Bromofluorobenzene

Concen: 35.05 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

ClientSampled :

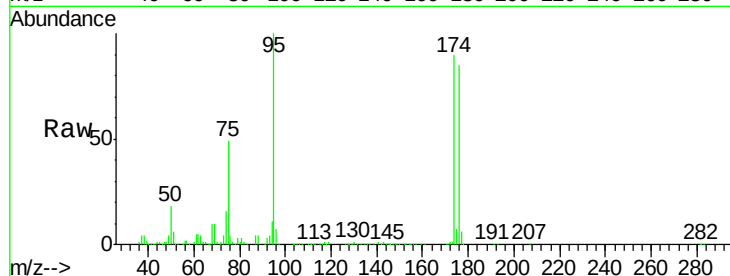
Tot Ion: 95 Resp: 678181

Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

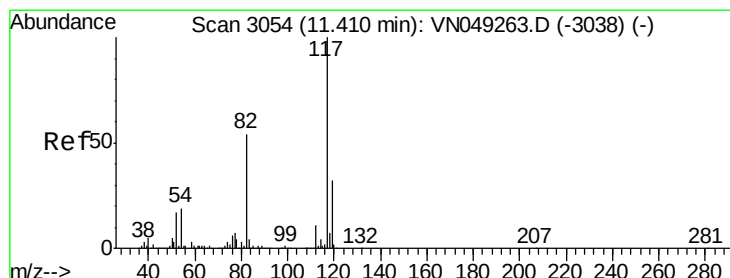
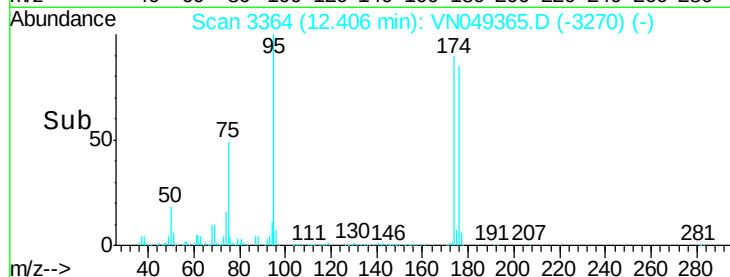
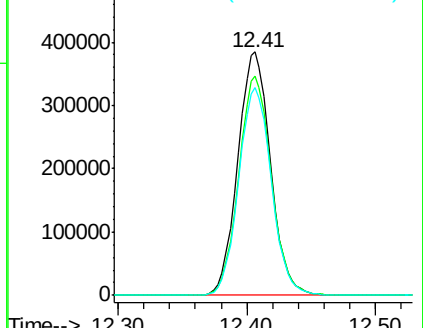
176 85.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049365.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049365.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049365.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

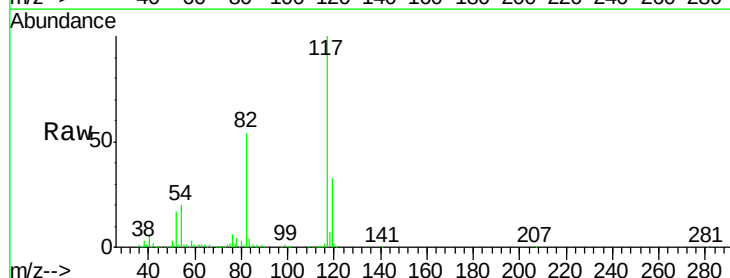
Tgt Ion: 117 Resp: 1567909

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

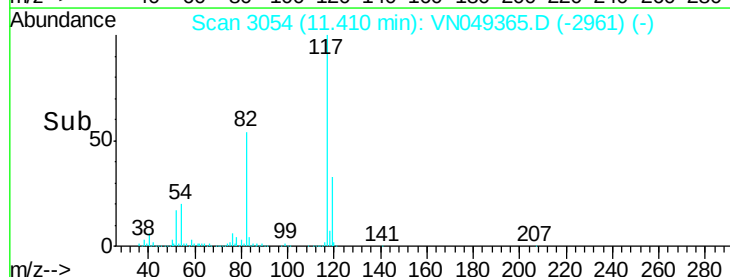
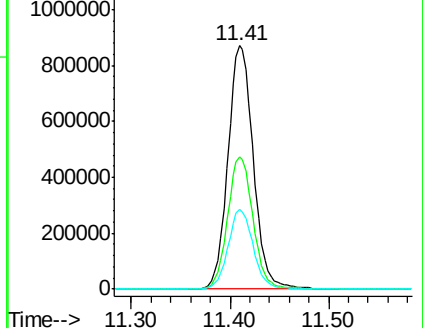
119 32.7 25.5 38.3

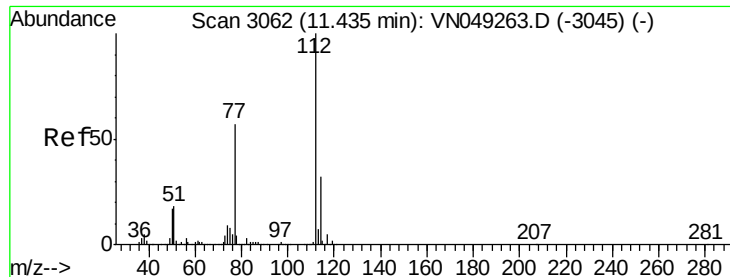


Abundance Ion 116.90 (116.60 to 117.60): VN049365.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049365.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049365.D (-2961) (-)

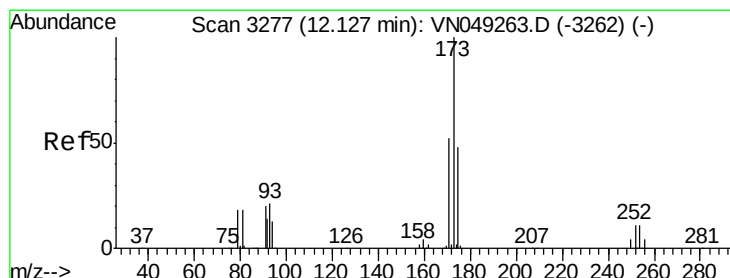
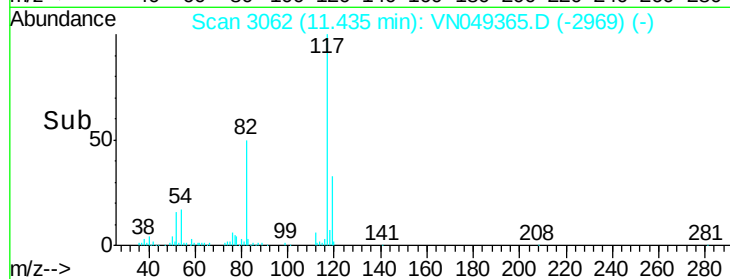
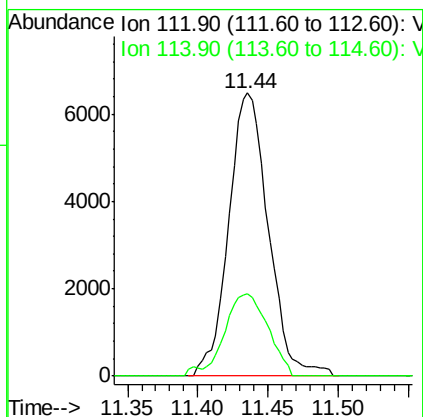
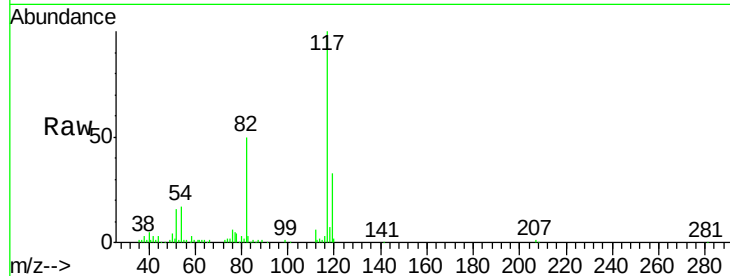




#65
Chlorobenzene
Concen: 0.32 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

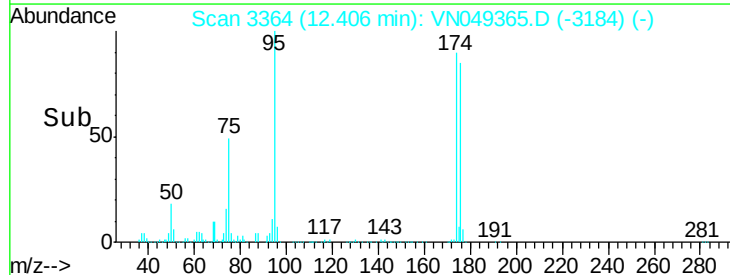
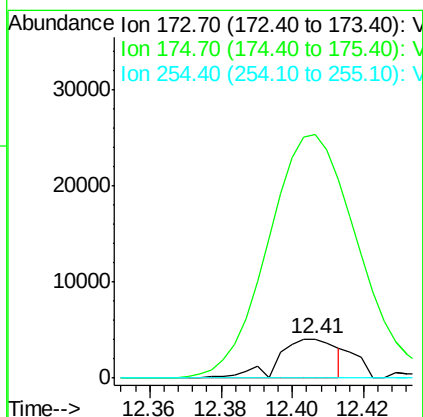
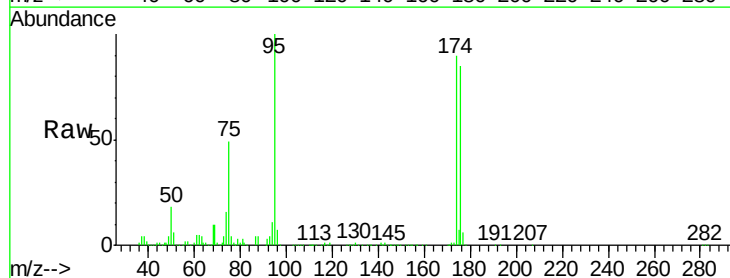
Instrument :
MSVOA_N
ClientSampled :

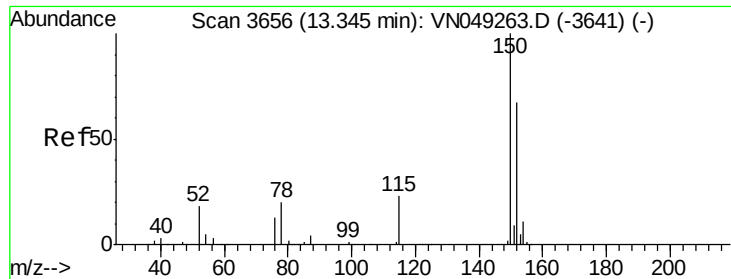
Tot Ion:112 Resp: 12783
Ion Ratio Lower Upper
112 100
114 29.3 26.2 39.4



#71
Bromoform
Concen: 0.46 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049365.D
Acq: 19 Jun 2018 1:32

Tgt Ion:173 Resp: 4557
Ion Ratio Lower Upper
173 100
175 739.0 24.5 73.5#
254 0.0 0.1 0.1#

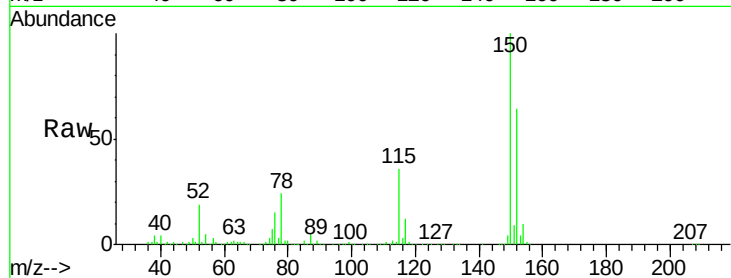




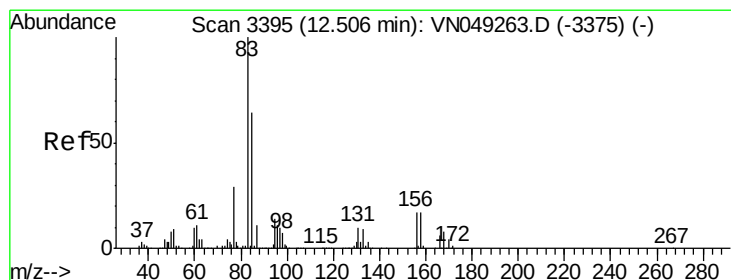
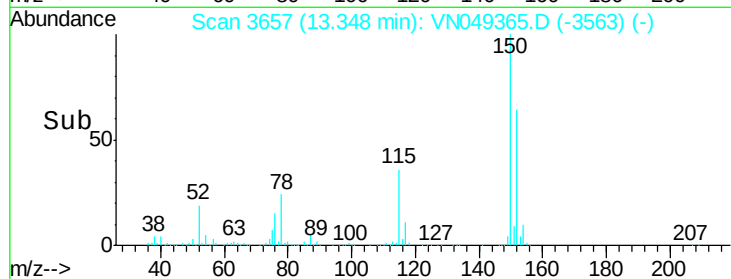
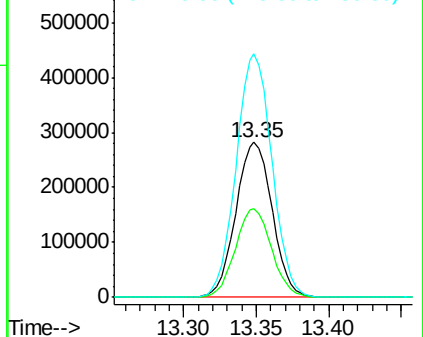
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3657
 Delta R.T. 0.00 min
 Lab File: VN049365.D
 Acq: 19 Jun 2018 1:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 491166
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.7 86.1
 150 154.8 0.0 351.0

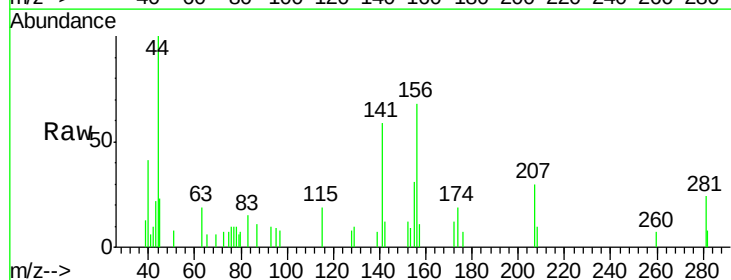


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

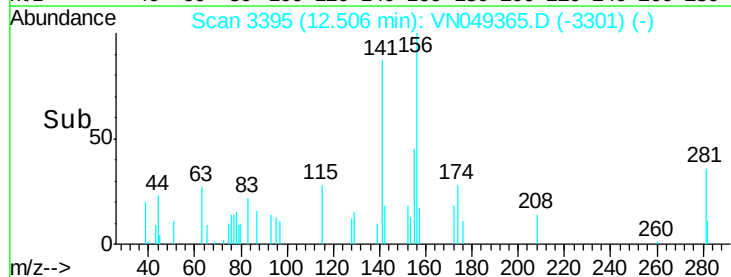
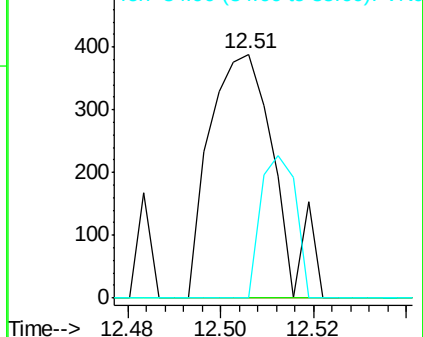


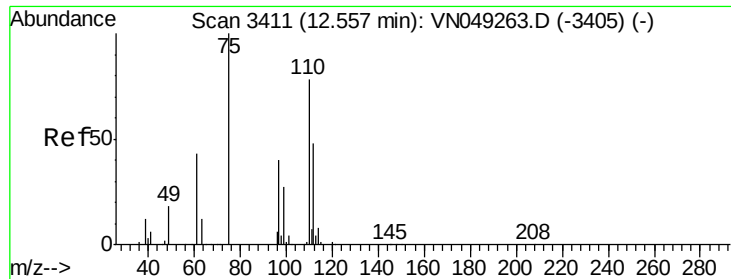
#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049365.D
 Acq: 19 Jun 2018 1:32

Tgt Ion: 83 Resp: 382
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 31.2 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): V
 Ion 130.80 (130.50 to 131.50): V
 Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 39.57 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

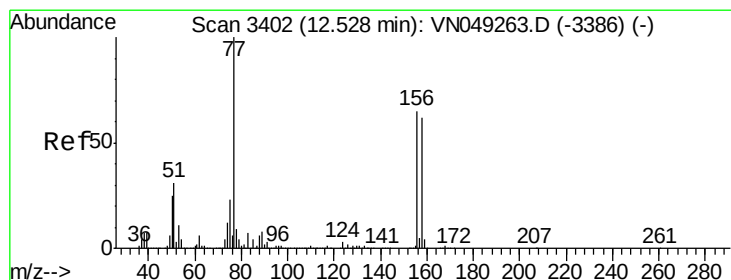
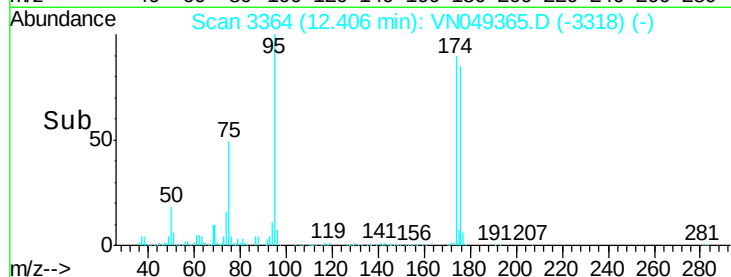
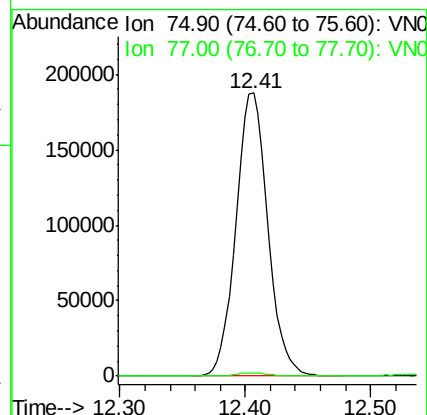
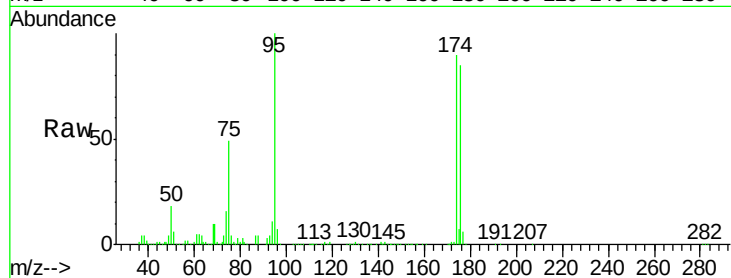
ClientSampled :

Tot Ion: 75 Resp: 331587

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#77

Bromobenzene

Concen: 0.32 ug/l

RT: 12.54 min Scan# 3406

Delta R.T. 0.01 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

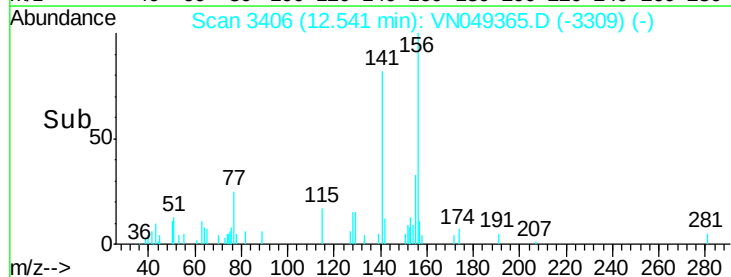
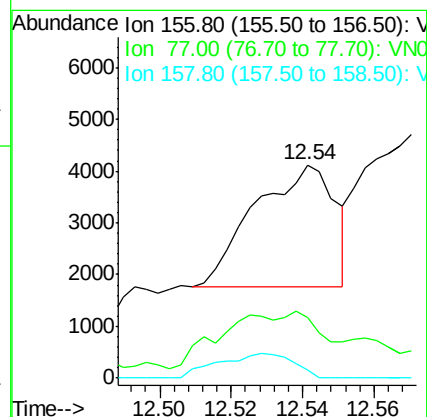
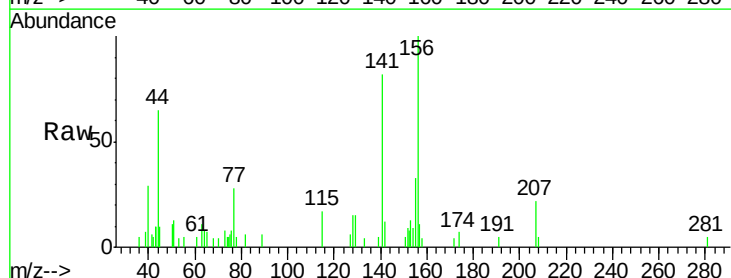
Tgt Ion: 156 Resp: 3677

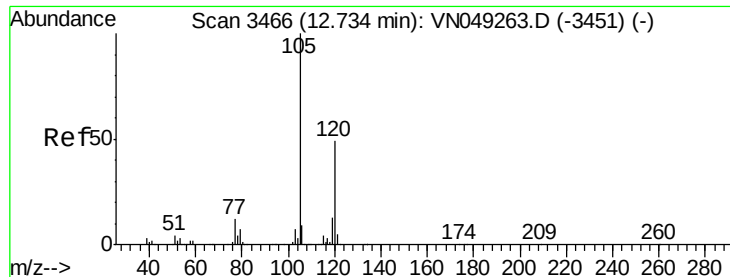
Ion Ratio Lower Upper

156 100

77 32.3 100.8 302.4#

158 18.8 49.3 147.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.20 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

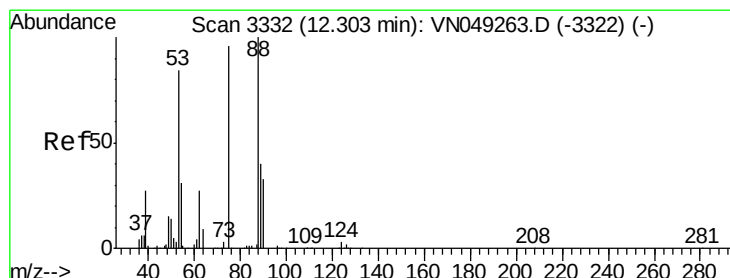
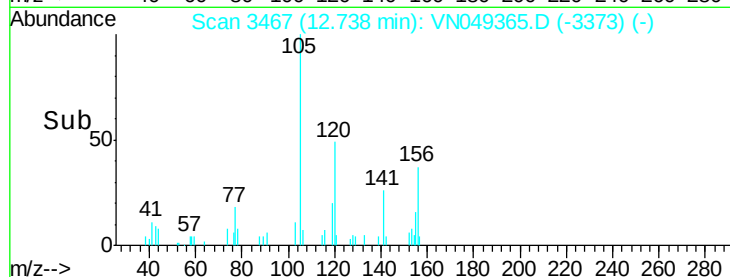
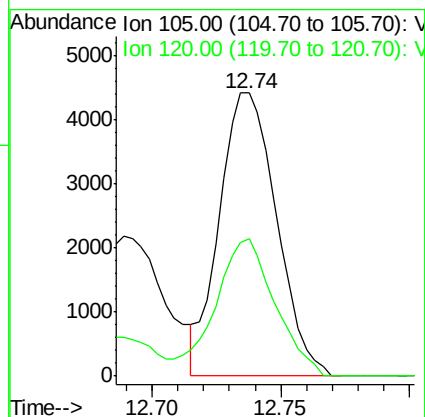
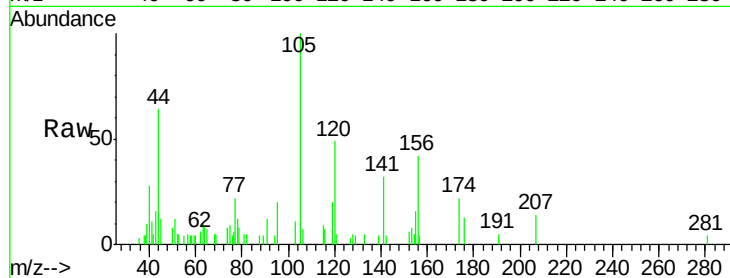
ClientSampled :

Tot Ion:105 Resp: 6808

Ion Ratio Lower Upper

105 100

120 50.4 23.5 70.5



#81

trans-1,4-Dichloro-2-butene

Concen: 125.05 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

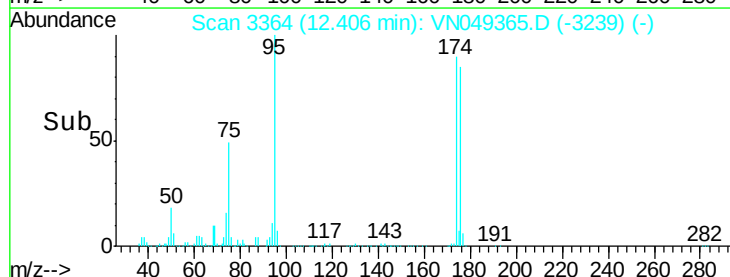
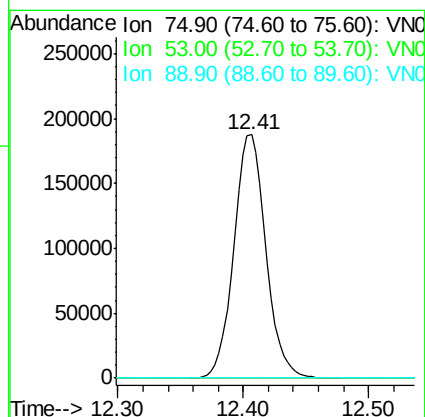
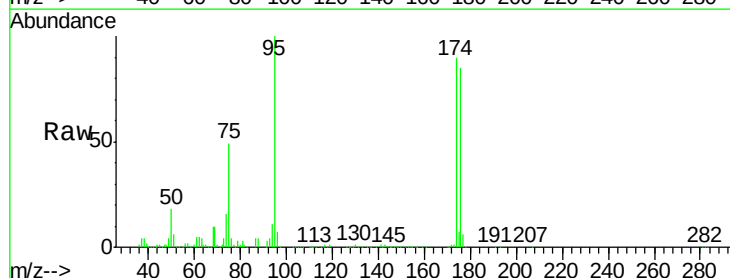
Tgt Ion: 75 Resp: 331587

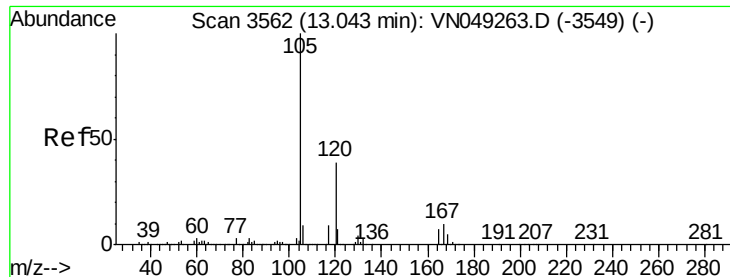
Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

89 0.0 36.5 54.7#





#84

1,2,4-Trimethylbenzene

Concen: 0.60 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

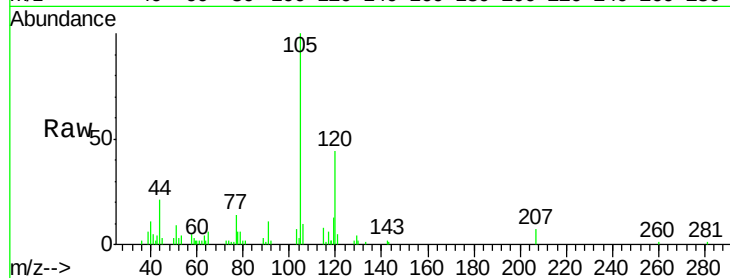
ClientSampled :

Tot Ion:105 Resp: 20123

Ion Ratio Lower Upper

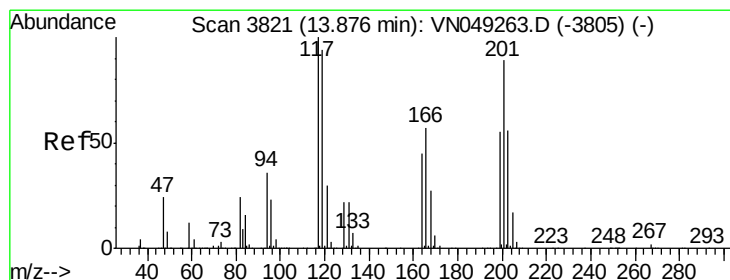
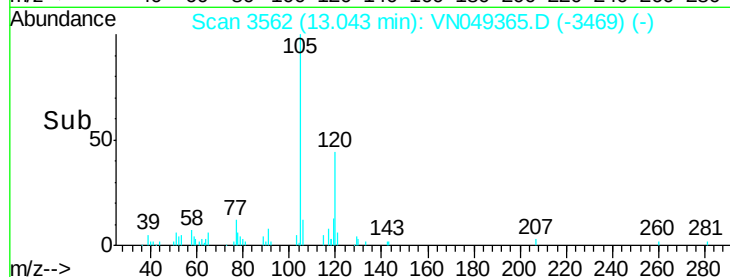
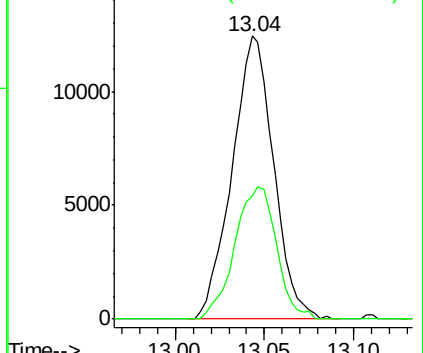
105 100

120 46.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN049365.D

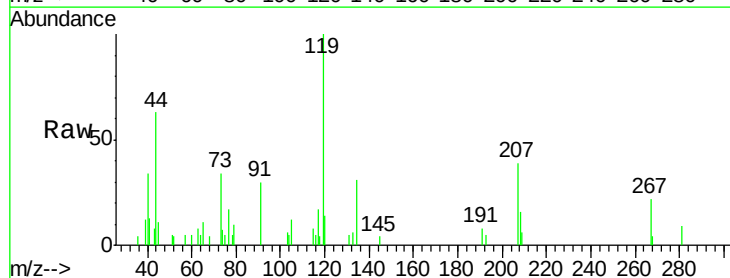
Acq: 19 Jun 2018 1:32

Tgt Ion:117 Resp: 1134

Ion Ratio Lower Upper

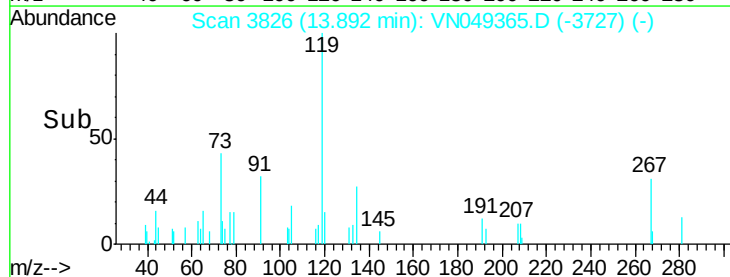
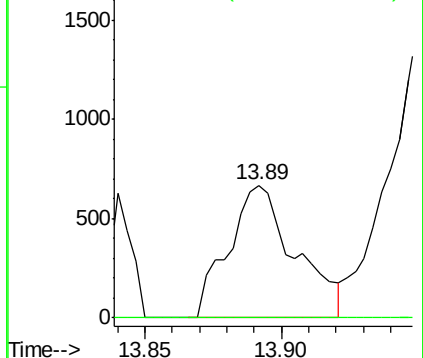
117 100

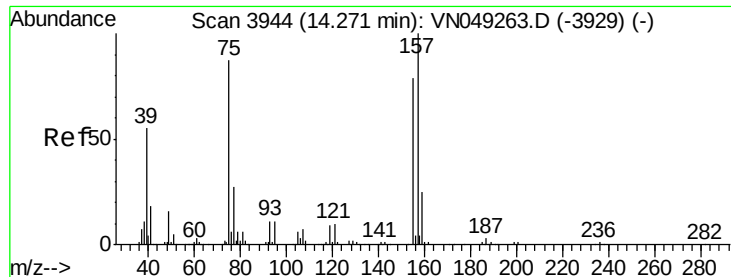
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

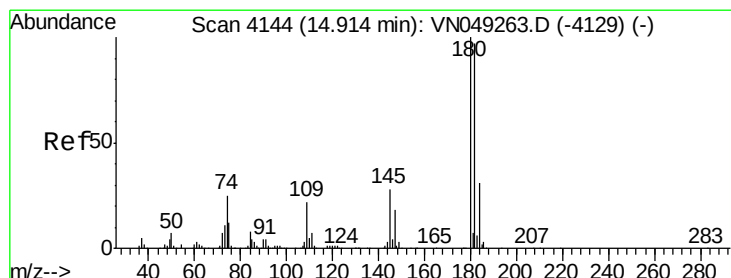
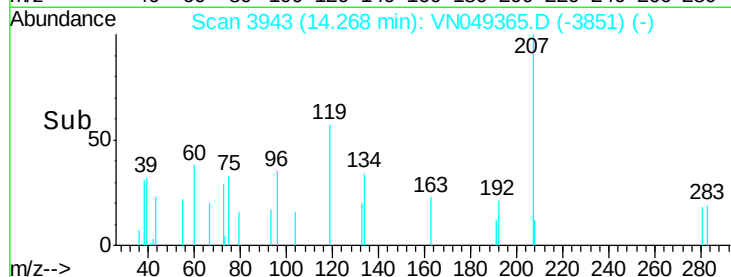
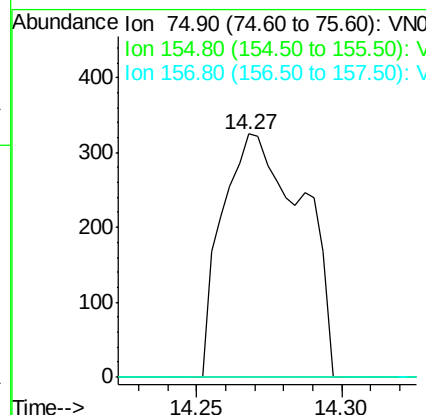
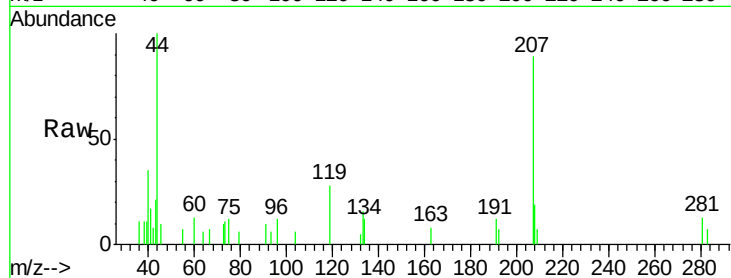




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.42 ug/l
 RT: 14.27 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VN049365.D
 Acq: 19 Jun 2018 1:32

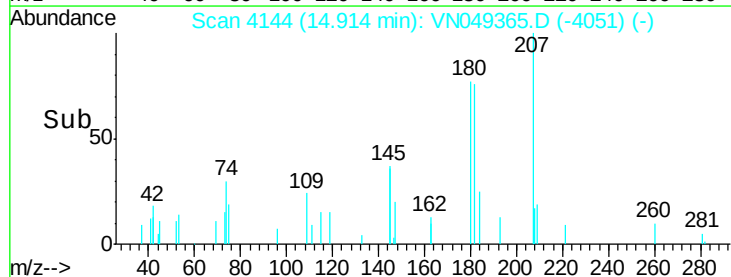
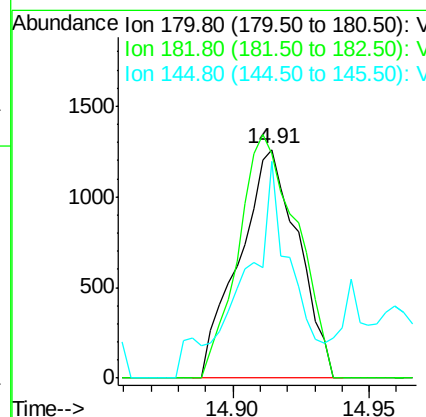
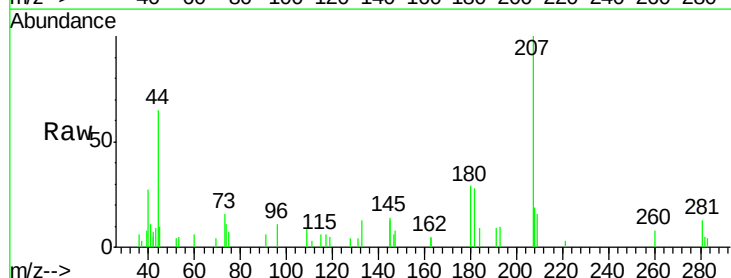
Instrument :
 MSVOA_N
 ClientSampled :

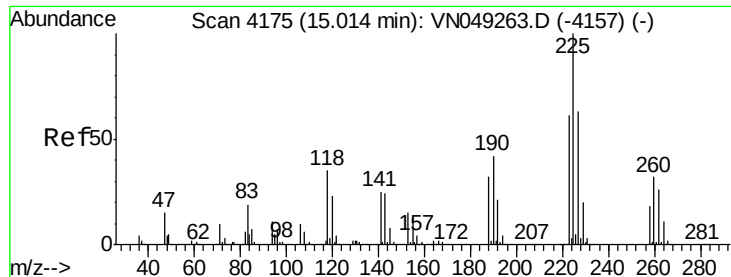
Tot Ion: 75 Resp: 624
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.3#
 157 0.0 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.95 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049365.D
 Acq: 19 Jun 2018 1:32

Tgt Ion: 180 Resp: 1891
 Ion Ratio Lower Upper
 180 100
 182 106.6 46.9 140.8
 145 70.8 14.7 44.1#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

Instrument :

MSVOA_N

ClientSampled :

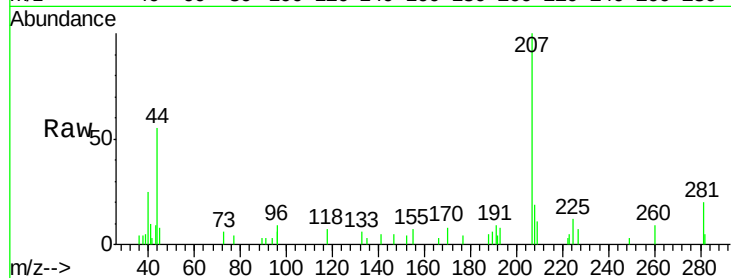
Tot Ion:225 Resp: 465

Ion Ratio Lower Upper

225 100

223 102.8 32.1 96.3#

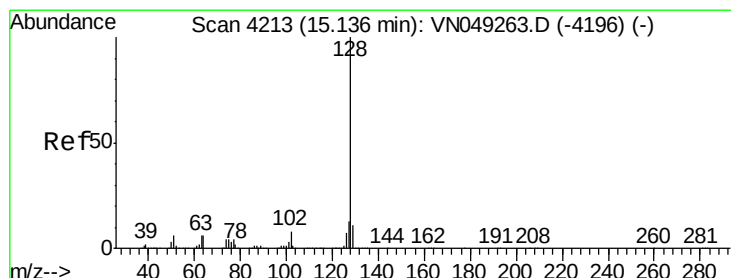
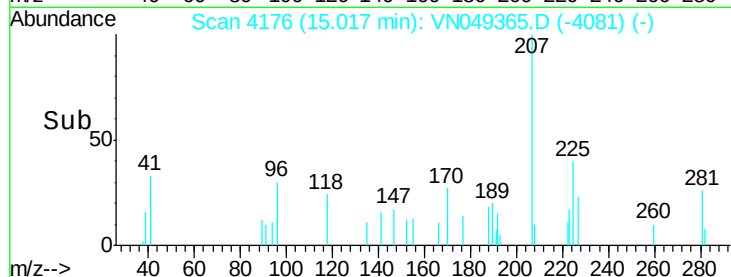
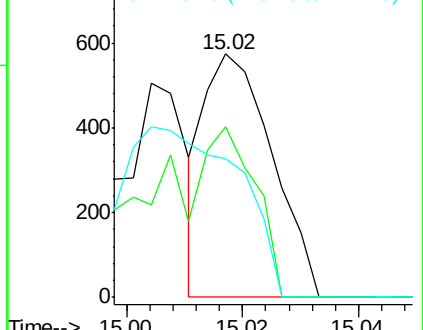
227 0.0 31.8 95.3#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 6.35 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049365.D

Acq: 19 Jun 2018 1:32

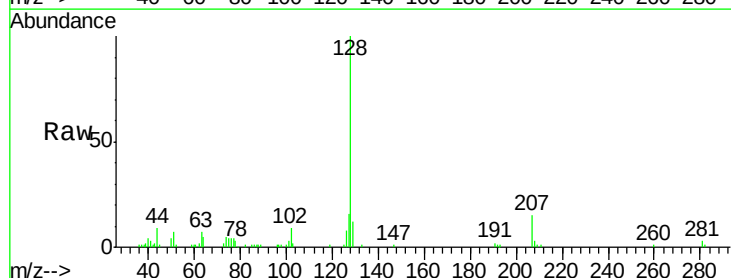
Tgt Ion:128 Resp: 58744

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

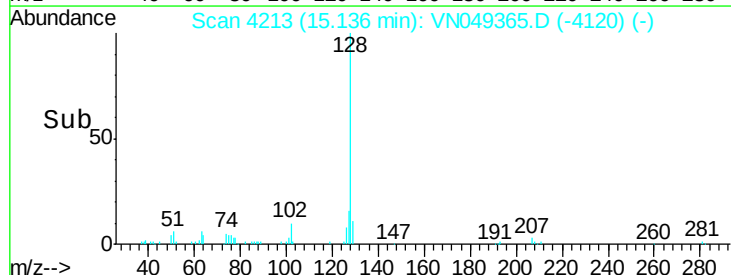
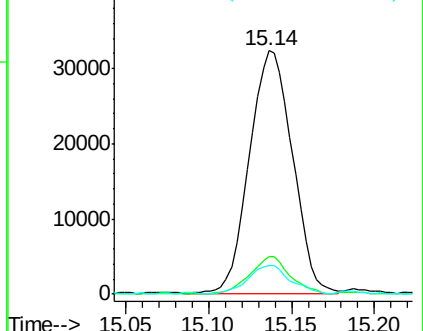
129 11.4 8.5 12.7

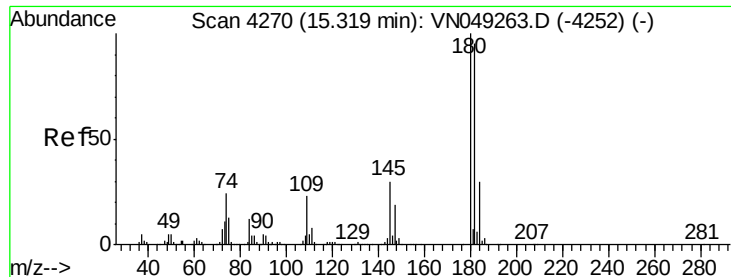


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.68 ua/l
 RT: 15.33 min Scan# 4272
 Delta R.T. 0.01 min
 Lab File: VN049365.D
 Acq: 19 Jun 2018 1:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.2	47.3	141.8
145	110.0	15.6	46.7

