

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049605.D
 Acq On : 28 Jun 2018 21:52
 Operator : MD\SY
 Sample : J3242-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

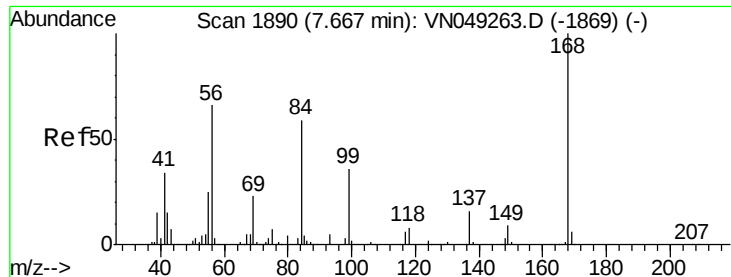
Quant Time: Jun 29 01:43:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1152427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1857153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1535698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	633707	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	769793	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	7.59	113	678475	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	10.09	98	2468014	43.14	ug/l	0.00
Spiked Amount			Recovery	=	86.28%	
62) 4-Bromofluorobenzene	12.40	95	741990	39.22	ug/l	0.00
Spiked Amount			Recovery	=	78.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	876	0.93	ug/l #	70
16) Acetone	3.82	43	82927	22.34	ug/l #	86
18) Methyl Acetate	4.34	43	159608	14.10	ug/l	95
20) Methylene Chloride	4.55	84	216999	14.00	ug/l	90
25) 2-Butanone	6.84	43	10871	2.18	ug/l	95
29) Tetrahydrofuran	7.23	42	3362	1.05	ug/l #	65
30) Chloroform	7.37	83	7361	0.28	ug/l #	78
31) Cyclohexane	7.67	56	20741	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	79178	3.72	ug/l #	50
38) Carbon Tetrachloride	7.67	117	103401	4.69	ug/l #	17
43) Isopropyl Acetate	8.29	43	455765	20.61	ug/l #	64
51) 4-Methyl-2-Pentanone	9.99	43	6767	0.58	ug/l	93
52) Toluene	10.16	92	13847	0.36	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.73	63	30	14.33	ug/l #	51
64) Tetrachloroethene	10.64	164	3399	0.22	ug/l	85
65) Chlorobenzene	11.44	112	8492	0.21	ug/l	100
67) Ethyl Benzene	11.51	91	49529	0.75	ug/l	99
68) m/p-Xylenes	11.62	106	56796	2.31	ug/l	94
69) o-Xylene	11.95	106	16393	0.69	ug/l	97
70) Styrene	11.97	104	9417	0.25	ug/l #	84
71) Bromoform	12.41	173	5276	0.55	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.44	83	76	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	359559	33.25	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	16855	0.39	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	359559	105.10	ug/l #	9
83) tert-Butylbenzene	13.04	119	8414	0.22	ug/l #	81
84) 1,2,4-Trimethylbenzene	13.04	105	59956	1.38	ug/l	97
90) Hexachloroethane	13.89	117	2849	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	1062	4.83	ug/l #	72
95) Naphthalene	15.14	128	187497	12.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	235	3.48	ug/l #	58

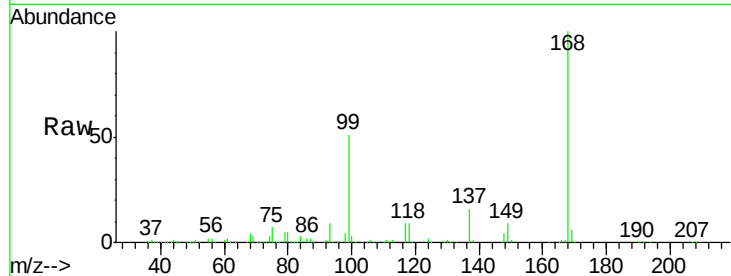
(#) = qualifier out of range (m) = manual integration (+) = signals summed



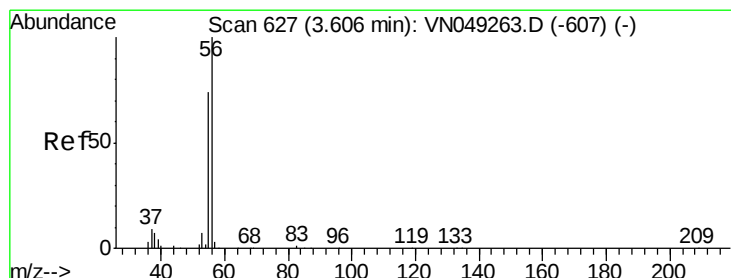
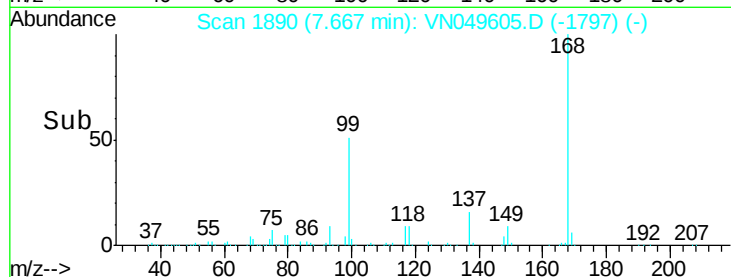
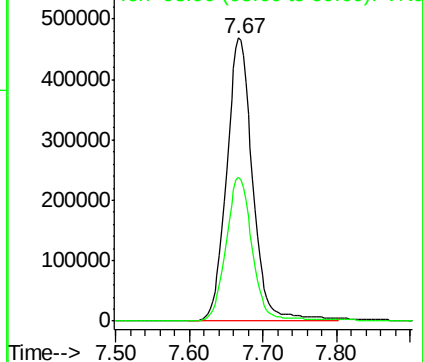
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1152427
Ion Ratio Lower Upper
168 100
99 51.0 45.8 68.6

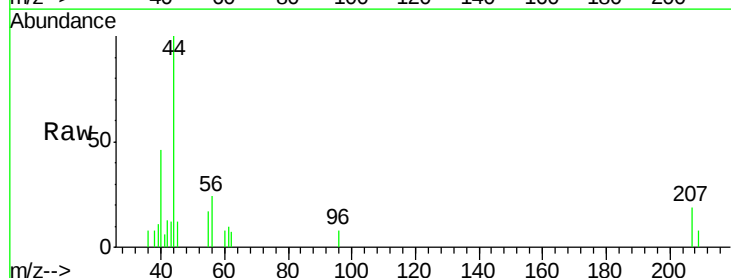


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0

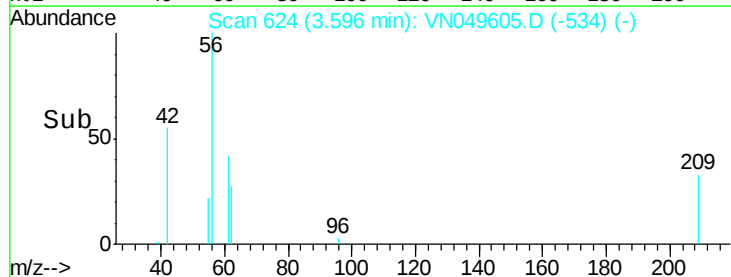
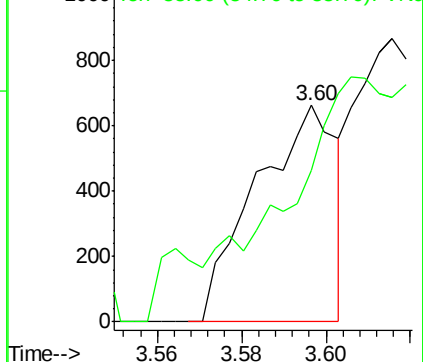


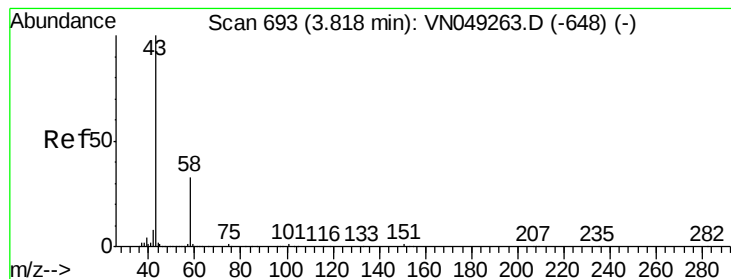
#13
Acrolein
Concen: 0.93 ug/l
RT: 3.60 min Scan# 624
Delta R.T. -0.01 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Tgt Ion: 56 Resp: 876
Ion Ratio Lower Upper
56 100
55 96.1 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: 22.34 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

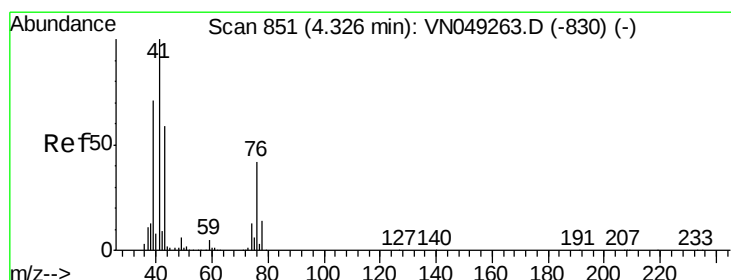
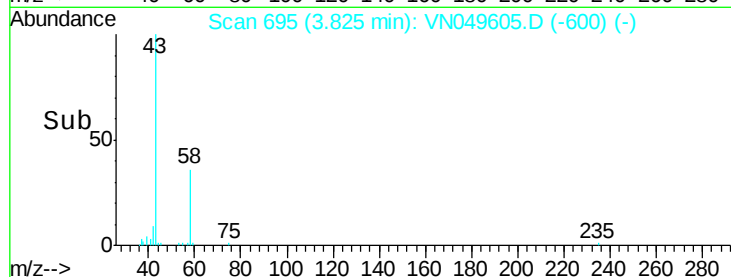
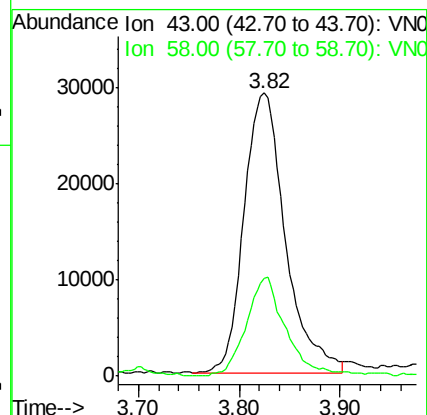
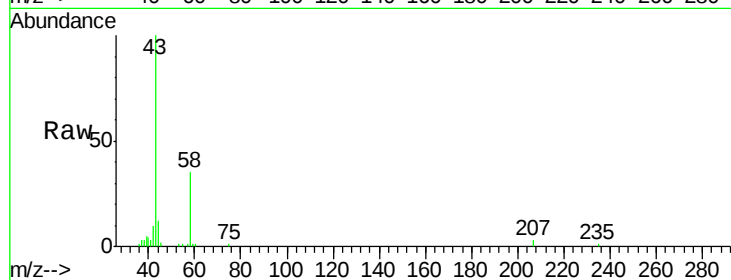
ClientSampleId :

Tot Ion: 43 Resp: 82927

Ion Ratio Lower Upper

43 100

58 35.1 22.4 33.6#



#18

Methyl Acetate

Concen: 14.10 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049605.D

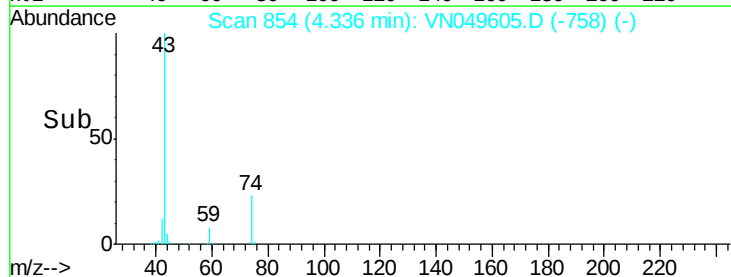
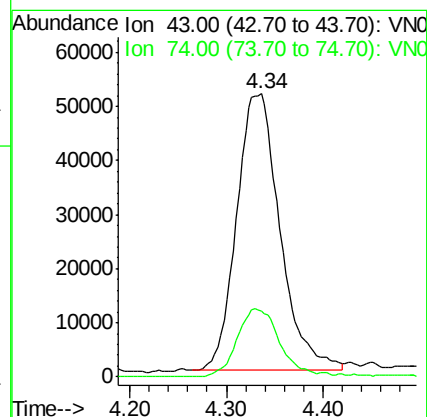
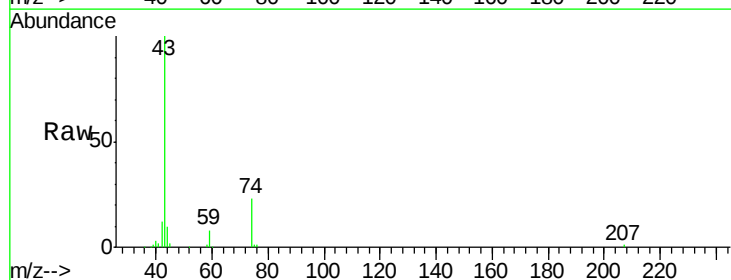
Acq: 28 Jun 2018 21:52

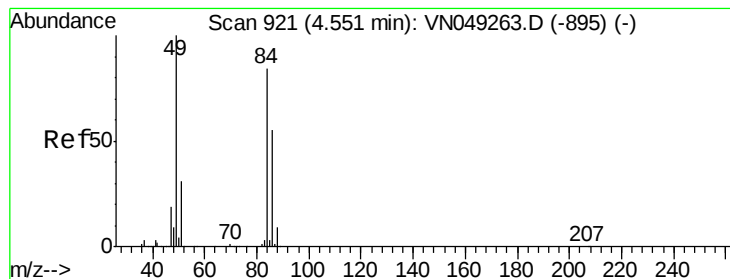
Tgt Ion: 43 Resp: 159608

Ion Ratio Lower Upper

43 100

74 23.9 17.4 26.0





#20

Methvlene Chloride

Concen: 14.00 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 84 Resp: 216999

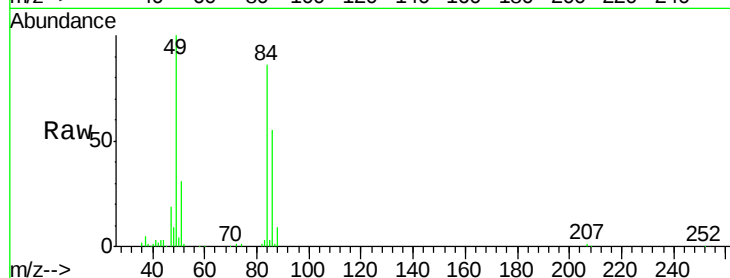
Ion Ratio Lower Upper

84 100

49 116.2 106.9 160.3

51 36.5 32.7 49.1

86 64.0 49.8 74.8

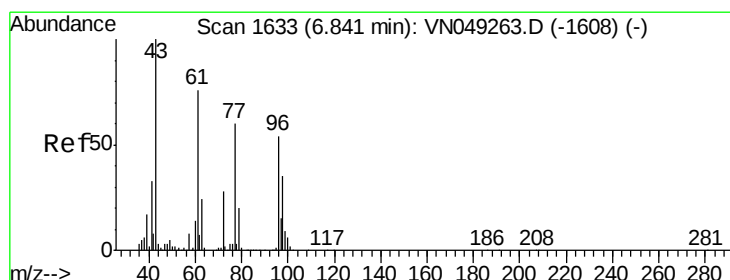
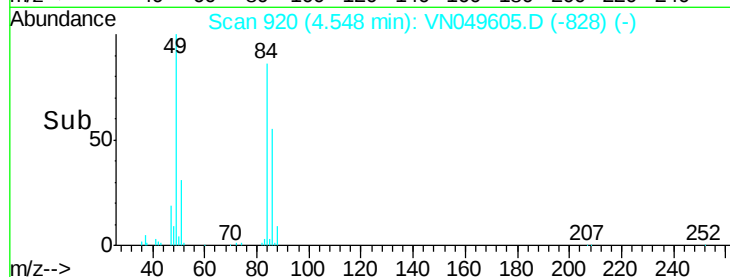
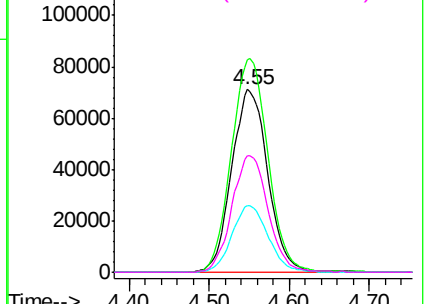


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.18 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049605.D

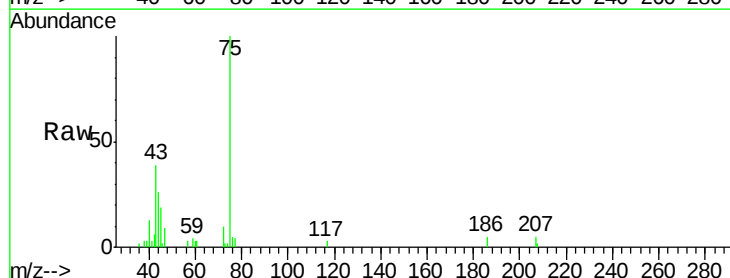
Acq: 28 Jun 2018 21:52

Tgt Ion: 43 Resp: 10871

Ion Ratio Lower Upper

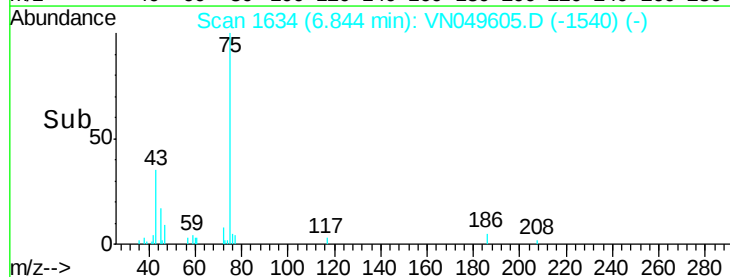
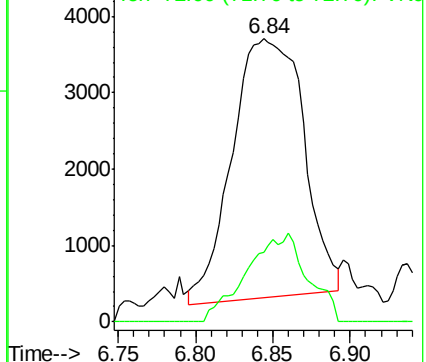
43 100

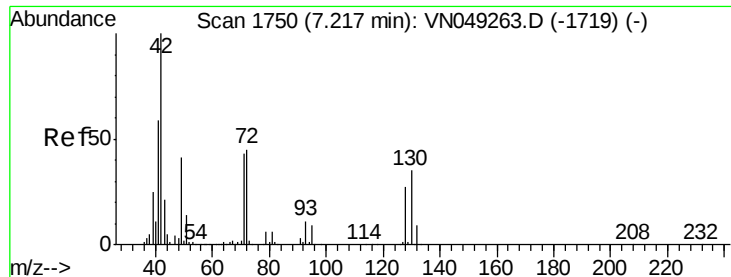
72 27.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

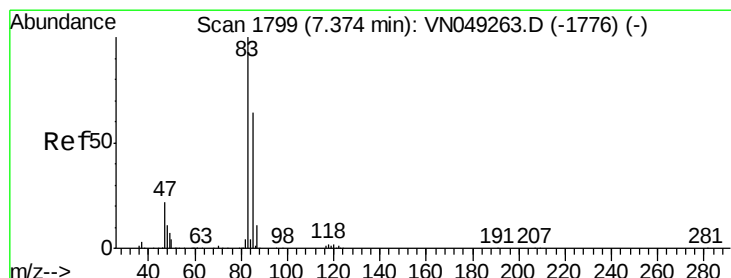
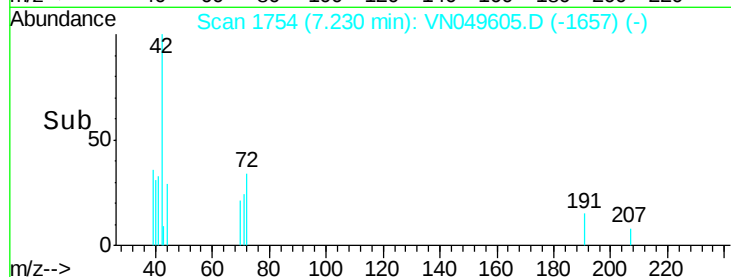
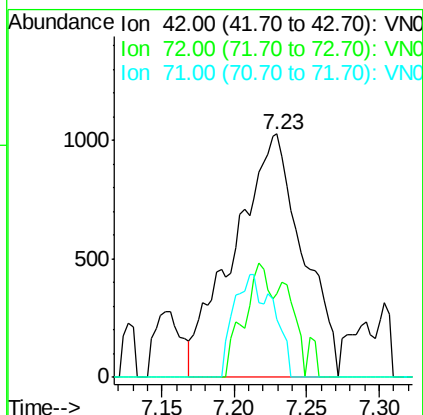
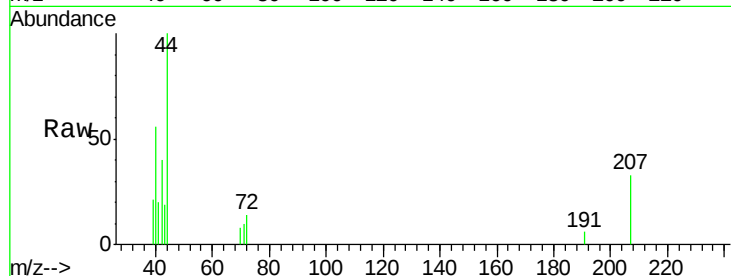




#29
Tetrahydrofuran
Concen: 1.05 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

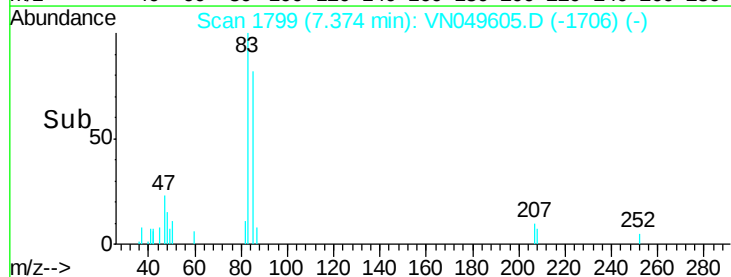
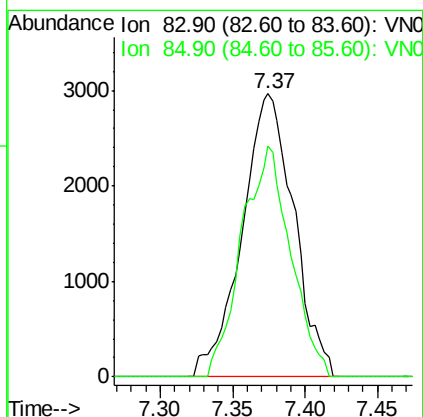
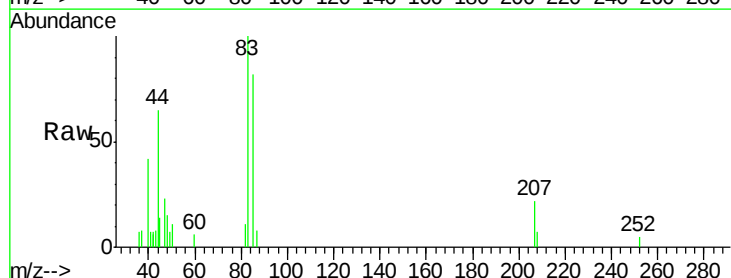
Instrument :
MSVOA_N
ClientSampled :

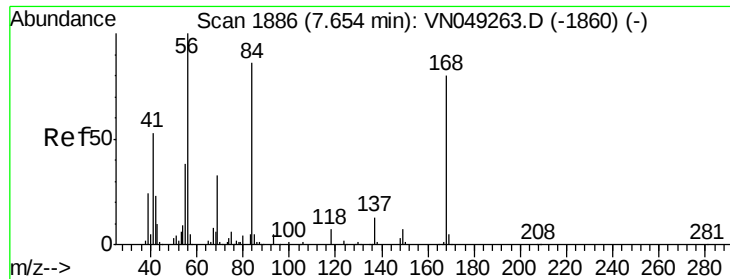
Tot Ion: 42 Resp: 3362
Ion Ratio Lower Upper
42 100
72 18.3 32.2 48.4#
71 17.0 30.5 45.7#



#30
Chloroform
Concen: 0.28 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Tgt Ion: 83 Resp: 7361
Ion Ratio Lower Upper
83 100
85 81.5 51.7 77.5#

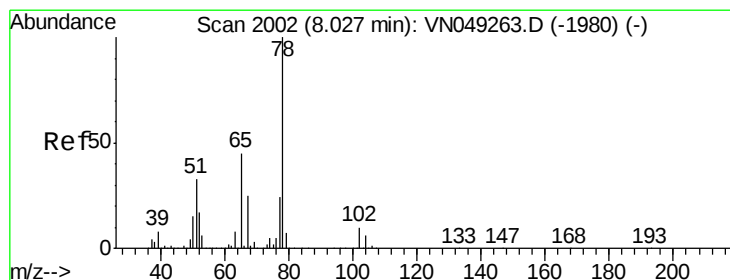
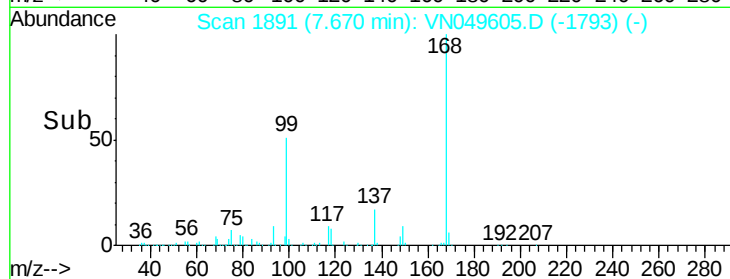
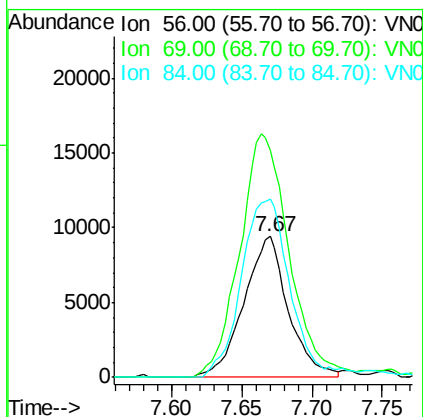
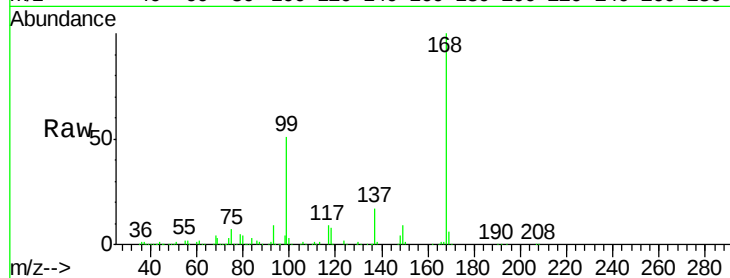




#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

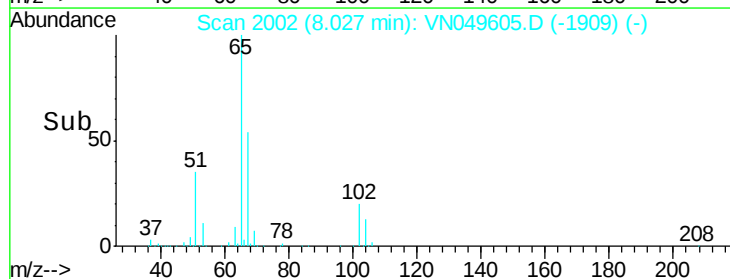
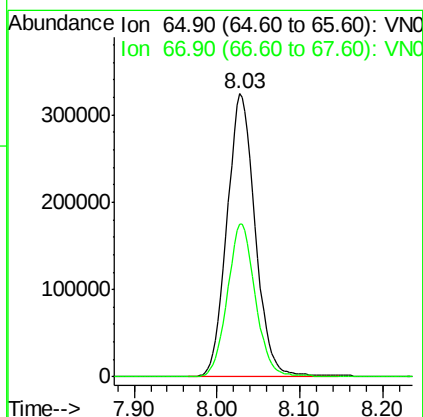
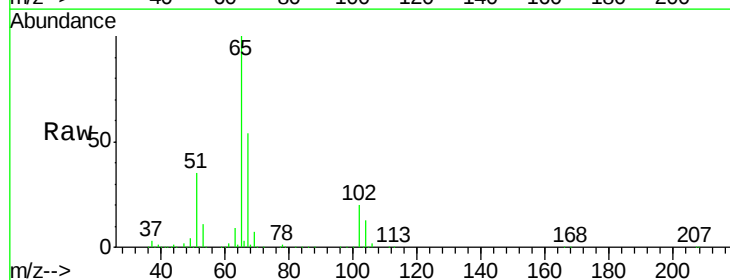
Instrument :
MSVOA_N
ClientSampled :

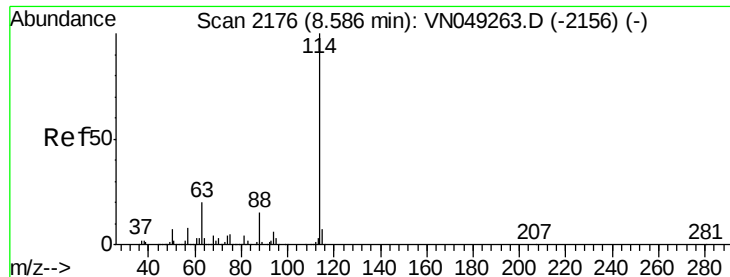
Tot Ion: 56 Resp: 20741
Ion Ratio Lower Upper
56 100
69 161.2 25.0 37.4#
84 126.3 64.6 96.8#



#33
1,2-Dichloroethane-d4
Concen: 50.36 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Tgt Ion: 65 Resp: 769793
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8

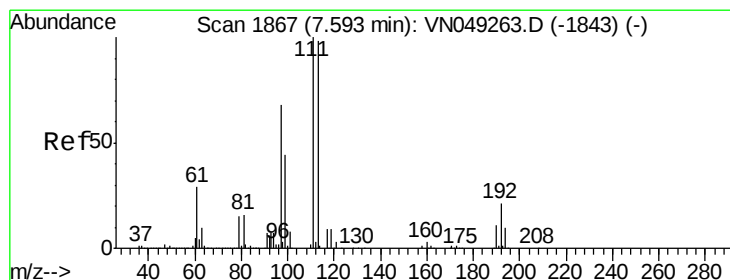
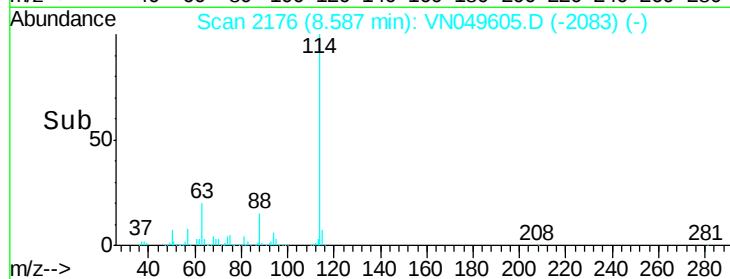
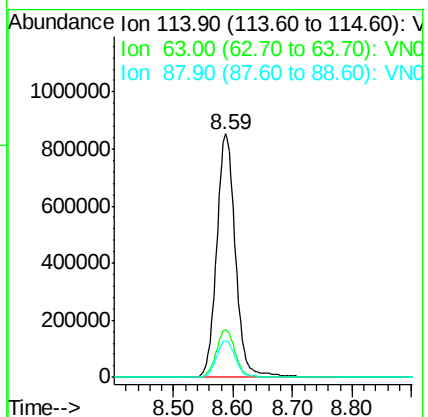
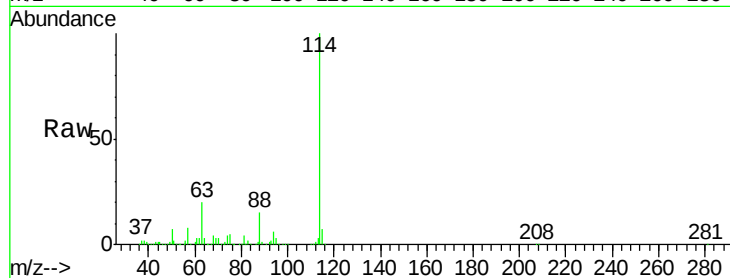




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

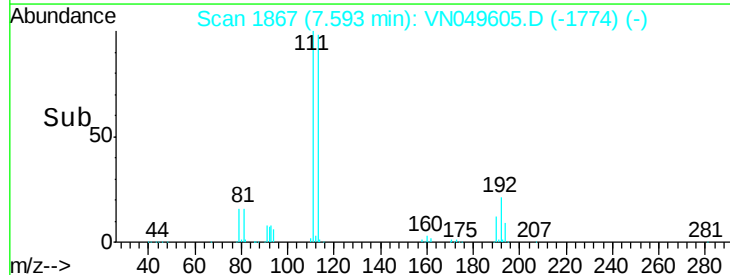
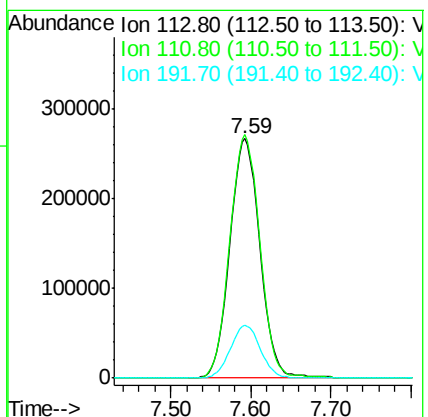
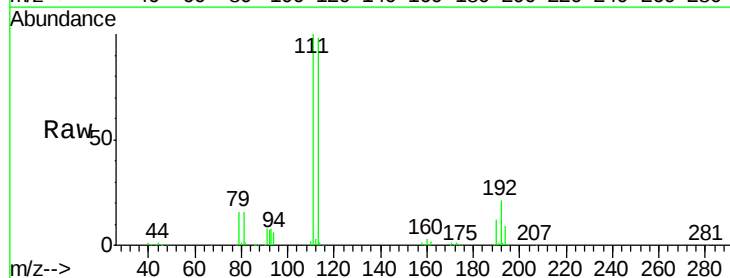
Instrument :
 MSVOA_N
 ClientSampleId :

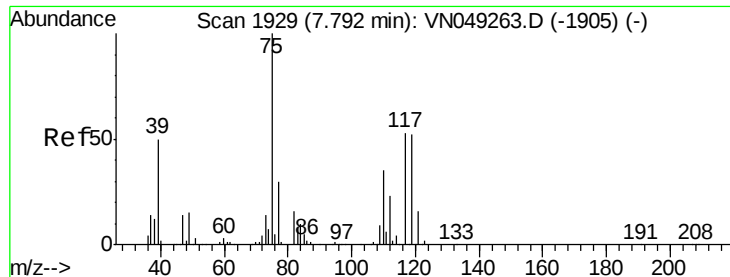
Tot Ion:114 Resp: 1857153
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.2 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.16 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

Tgt Ion:113 Resp: 678475
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 21.9 15.0 22.6

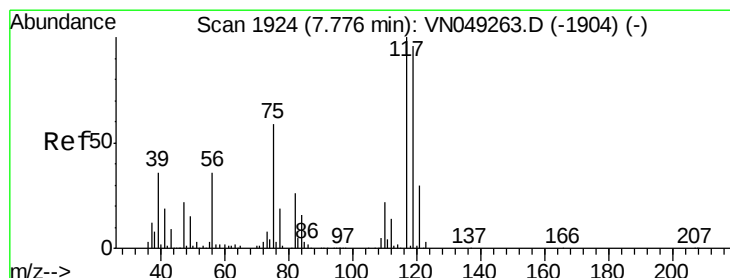
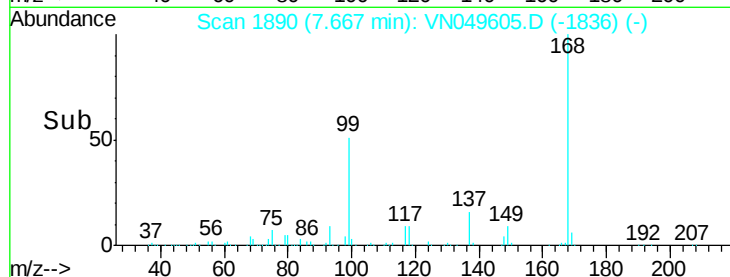
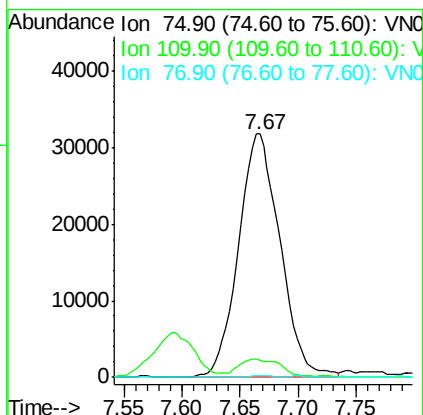
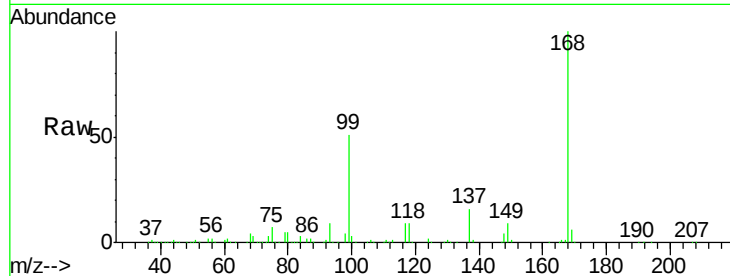




#36
 1,1-Dichloropropene
 Concen: 3.72 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

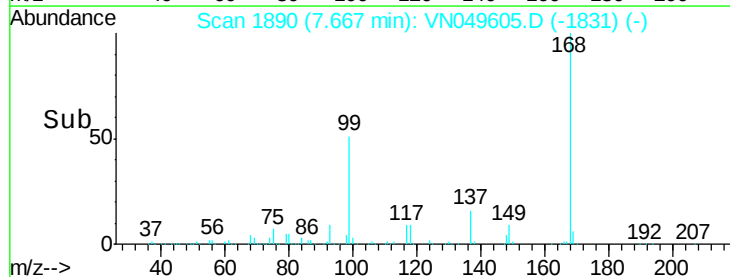
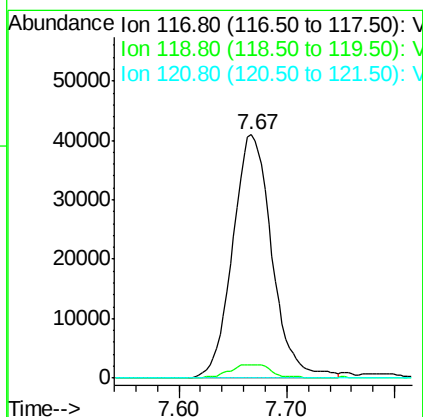
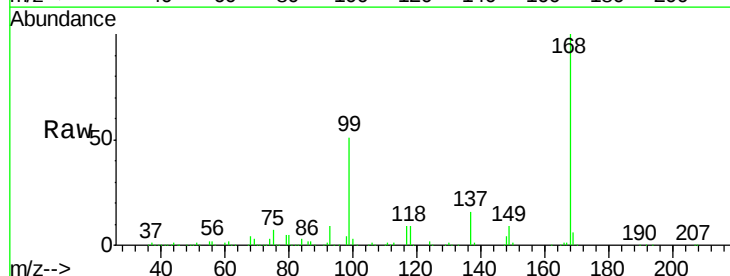
Instrument :
 MSVOA_N
 ClientSampleId :

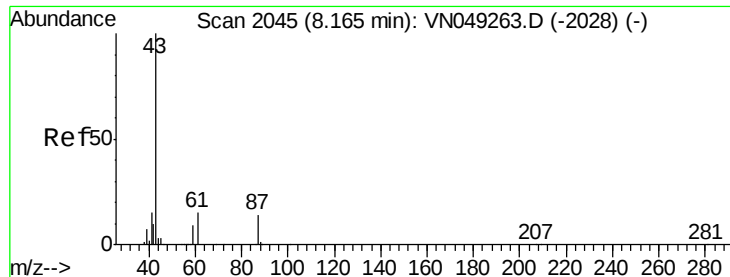
Tot Ion	75	Resp	79178
Ion Ratio	100	Lower	Upper
75	100		
110	7.6	17.0	50.9#
77	0.3	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.69 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

Tgt Ion	117	Resp	103401
Ion Ratio	100	Lower	Upper
117	100		
119	5.2	75.6	113.4#
121	0.0	24.7	37.1#

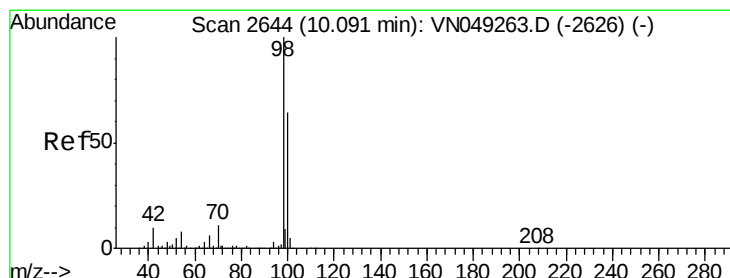
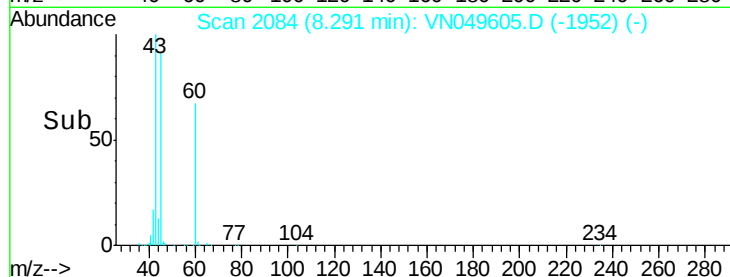
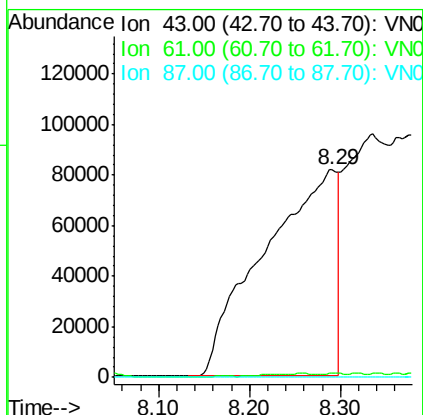
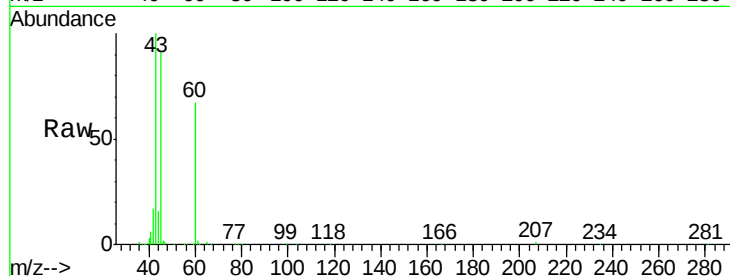




#43
Isopropyl Acetate
Concen: 20.61 ug/l
RT: 8.29 min Scan# 2084
Delta R.T. 0.13 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

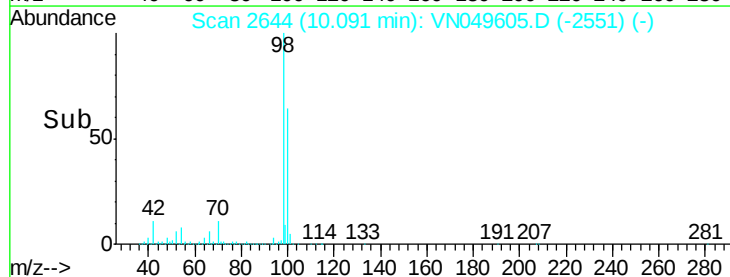
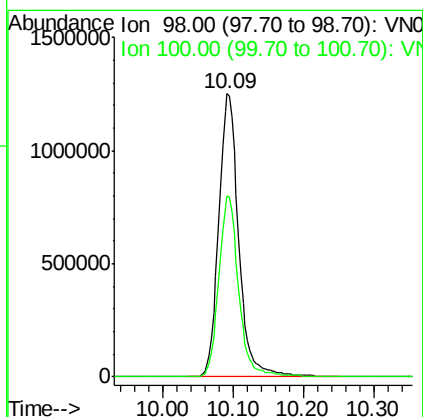
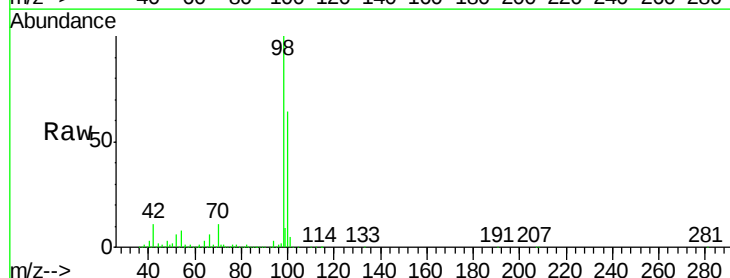
Instrument :
MSVOA_N
ClientSampleId :

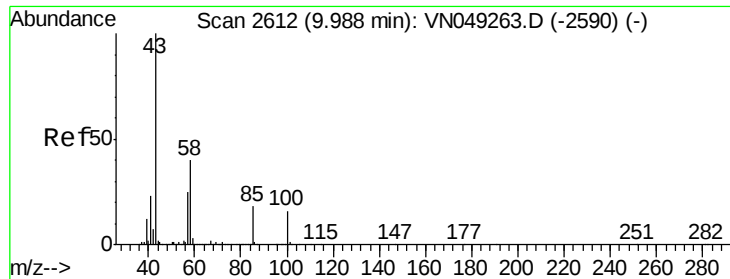
Tot Ion: 43 Resp: 455765
Ion Ratio Lower Upper
43 100
61 0.4 14.2 21.4#
87 0.0 9.4 14.0#



#50
Toluene-d8
Concen: 43.14 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Tgt Ion: 98 Resp: 2468014
Ion Ratio Lower Upper
98 100
100 63.7 49.8 74.8

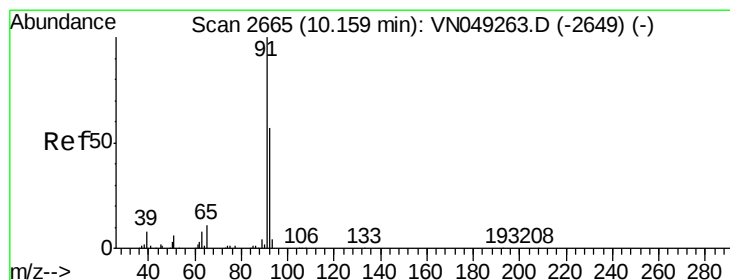
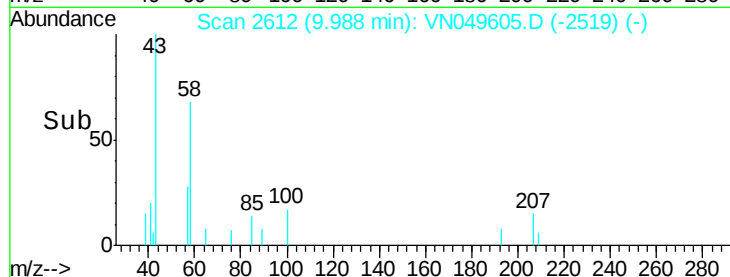
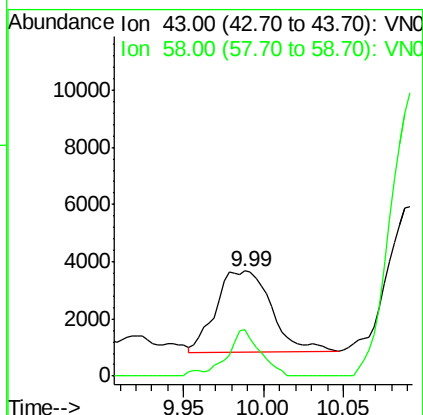
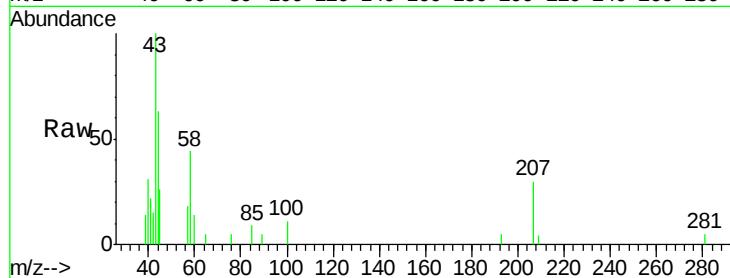




#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

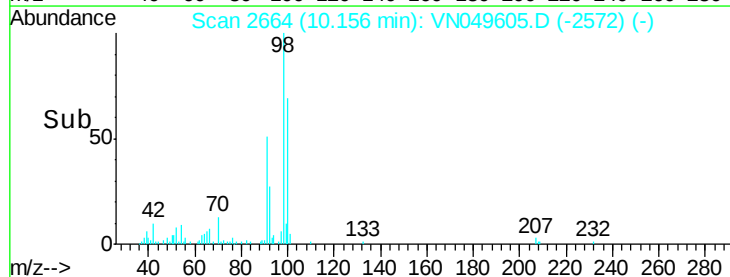
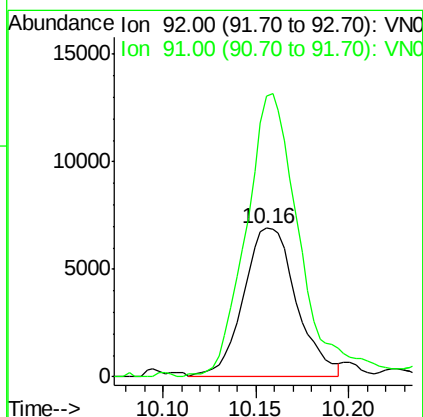
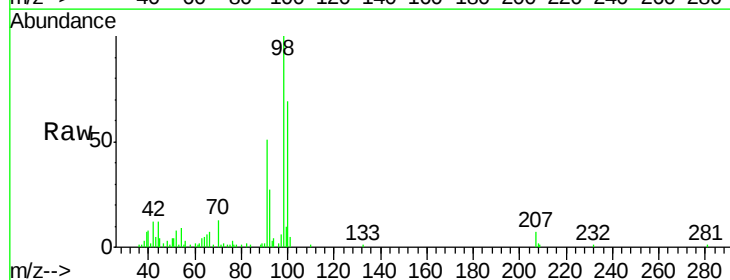
Instrument :
MSVOA_N
ClientSampled :

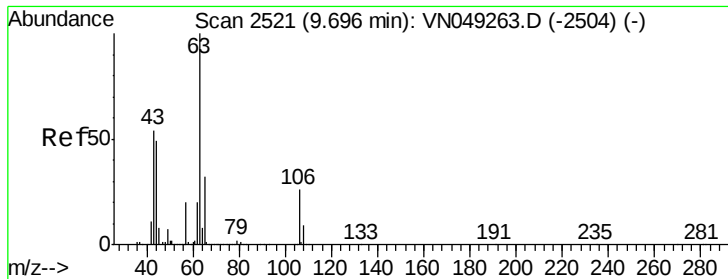
Tot Ion: 43 Resp: 6767
Ion Ratio Lower Upper
43 100
58 32.4 29.0 43.6



#52
Toluene
Concen: 0.36 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Tgt Ion: 92 Resp: 13847
Ion Ratio Lower Upper
92 100
91 192.7 143.4 215.2





#58

2-Chloroethyl Vinyl ether

Concen: 14.33 ug/l

RT: 9.73 min Scan# 2532

Delta R.T. 0.04 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

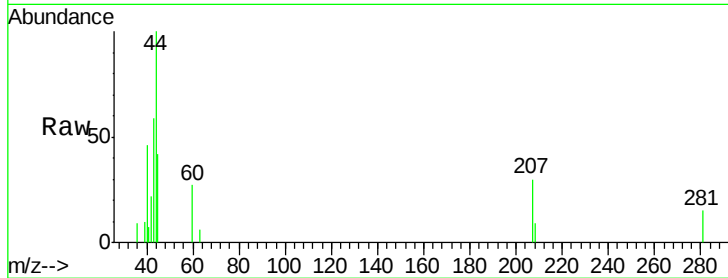
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 30

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

9.73

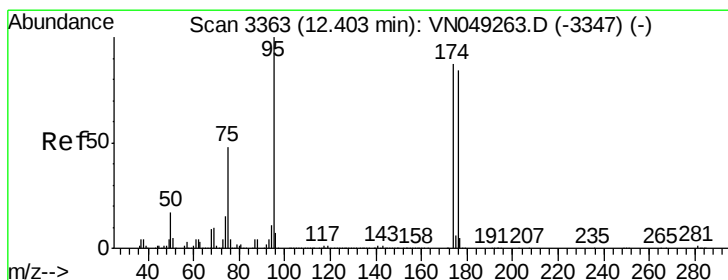
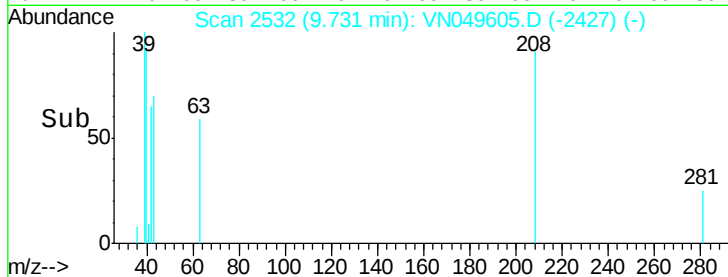
150

100

50

0

Time--> 9.72 9.72 9.73 9.73 9.74



#62

4-Bromofluorobenzene

Concen: 39.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

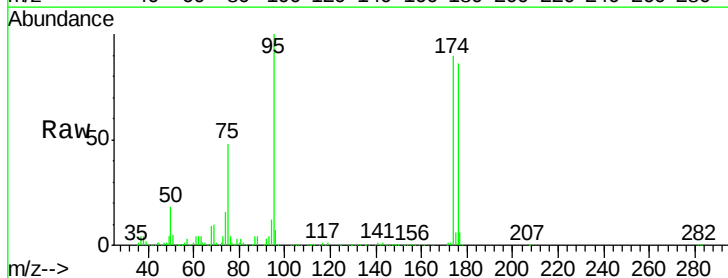
Tgt Ion: 95 Resp: 741990

Ion Ratio Lower Upper

95 100

174 89.7 0.0 165.6

176 85.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

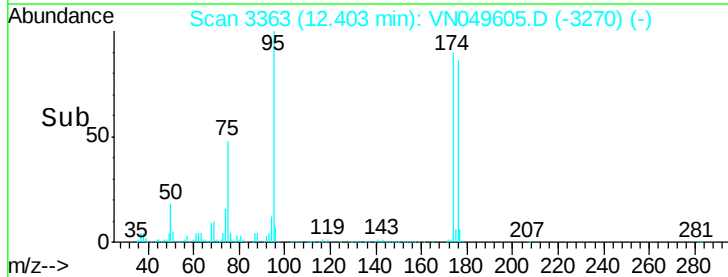
300000

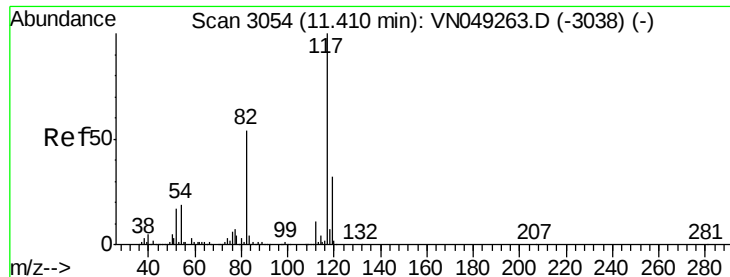
200000

100000

0

Time--> 12.30 12.40 12.50

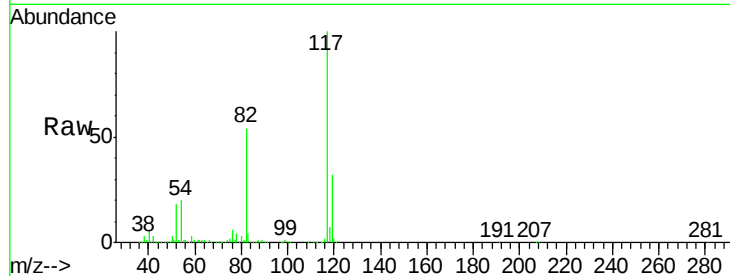




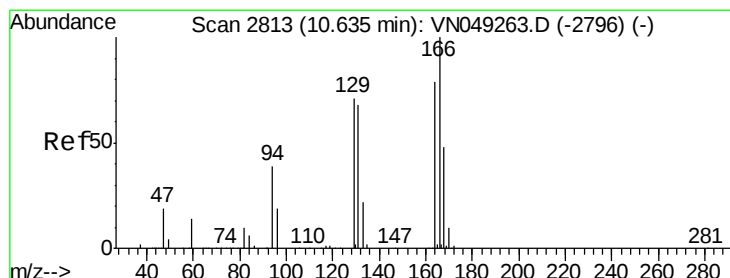
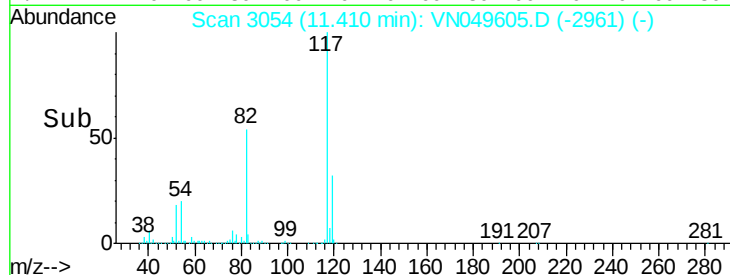
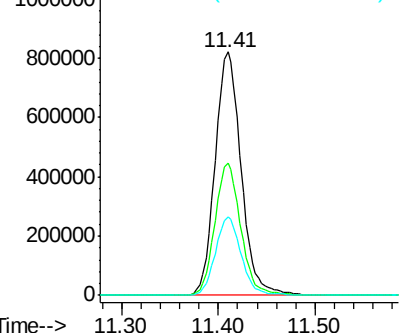
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1535698
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.1 25.5 38.3

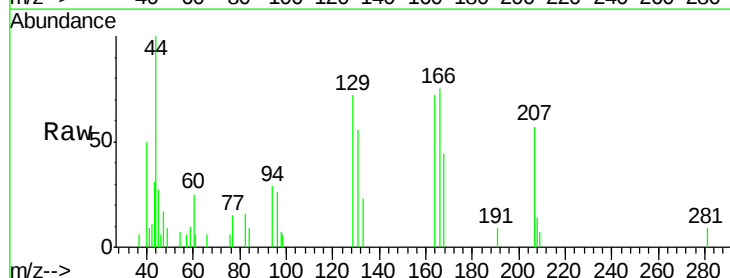


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

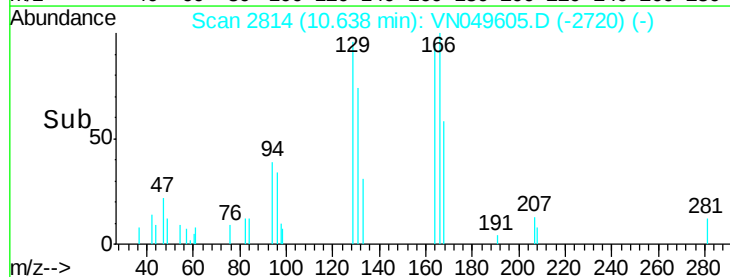
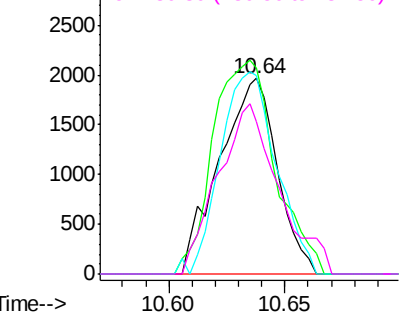


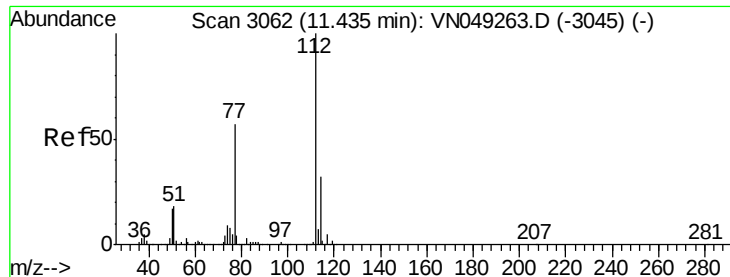
#64
Tetrachloroethene
Concen: 0.22 ug/l
RT: 10.64 min Scan# 2814
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Tgt Ion:164 Resp: 3399
Ion Ratio Lower Upper
164 100
166 105.1 101.4 152.2
129 101.1 74.1 111.1
131 77.9 73.7 110.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 0.21 ug/l

RT: 11.44 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

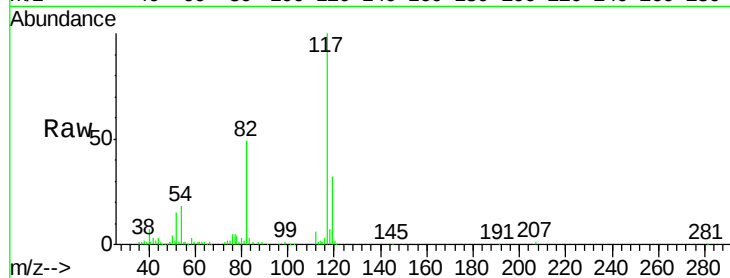
ClientSampled :

Tot Ion:112 Resp: 8492

Ion Ratio Lower Upper

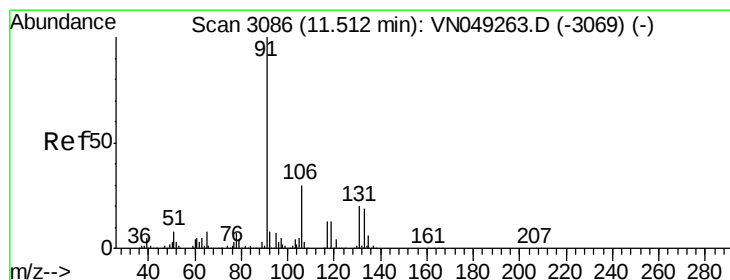
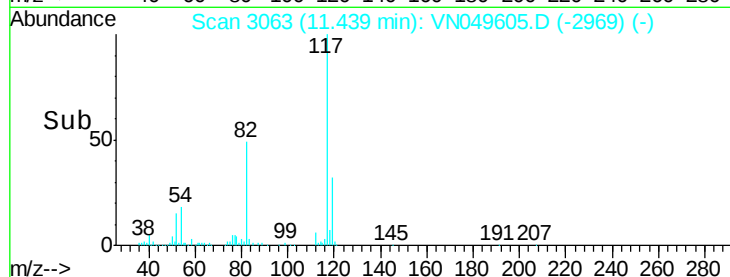
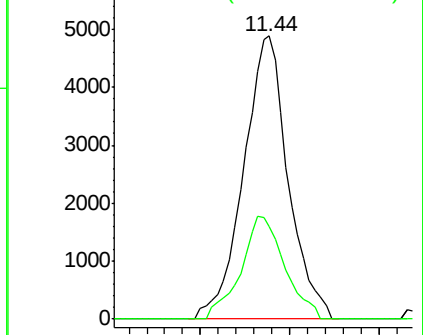
112 100

114 32.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.75 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049605.D

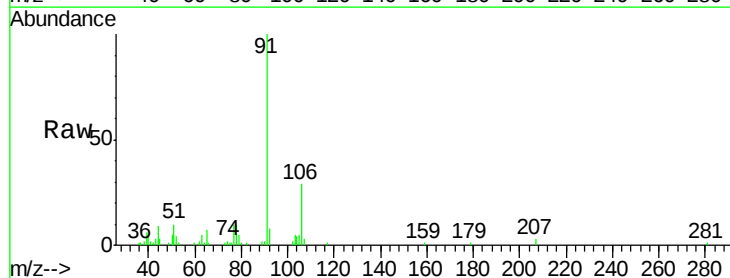
Acq: 28 Jun 2018 21:52

Tgt Ion: 91 Resp: 49529

Ion Ratio Lower Upper

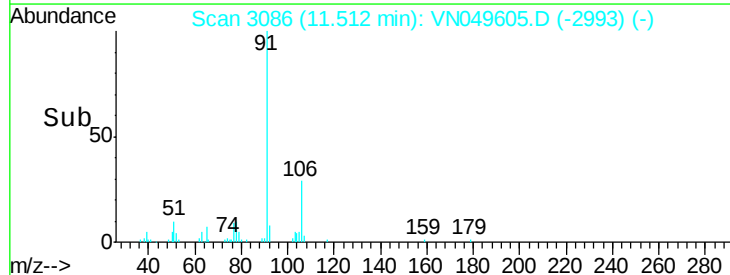
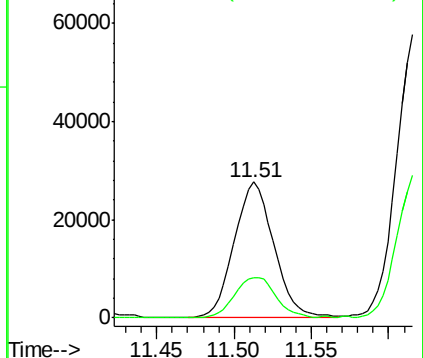
91 100

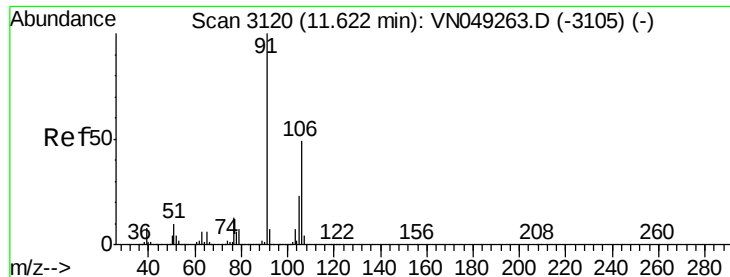
106 29.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

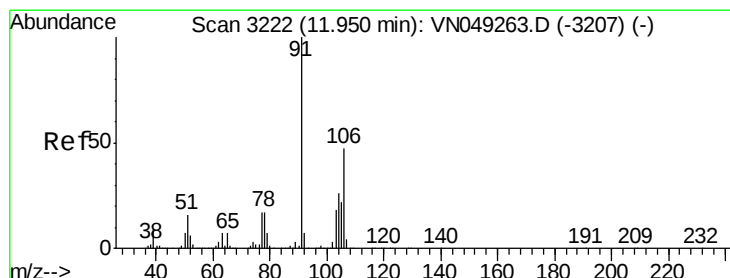
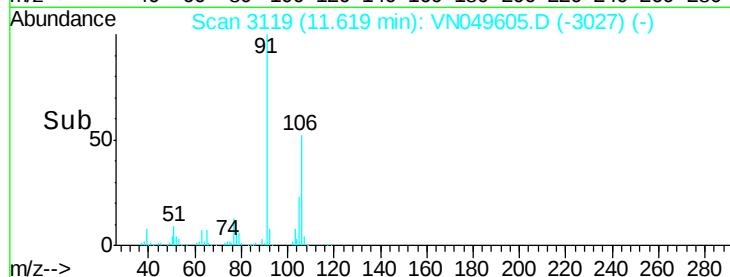
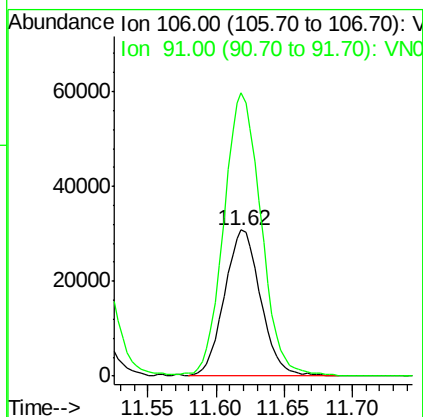
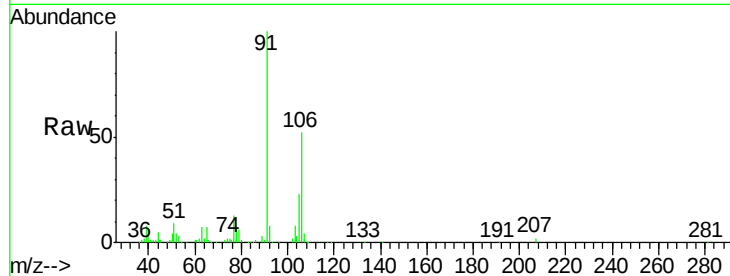




#68
m/p-Xvlenes
Concen: 2.31 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

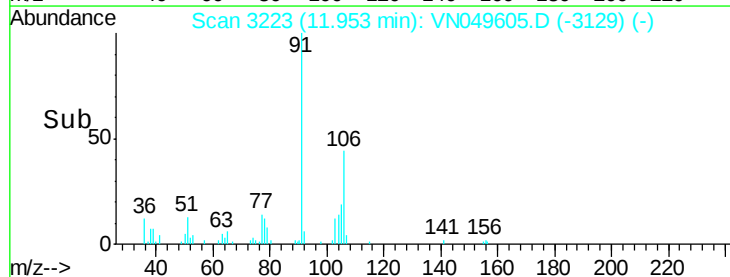
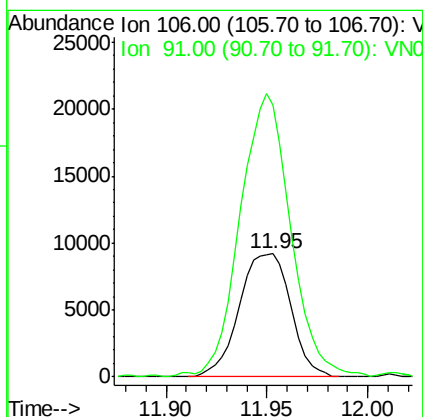
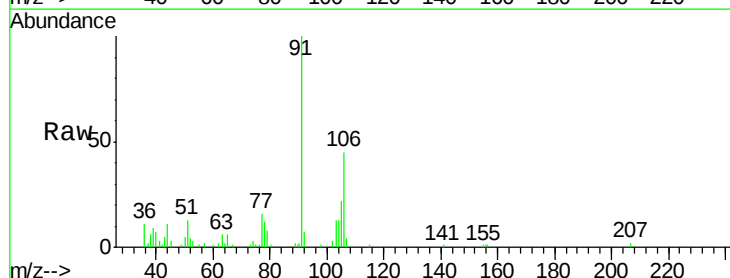
Instrument :
MSVOA_N
ClientSampled :

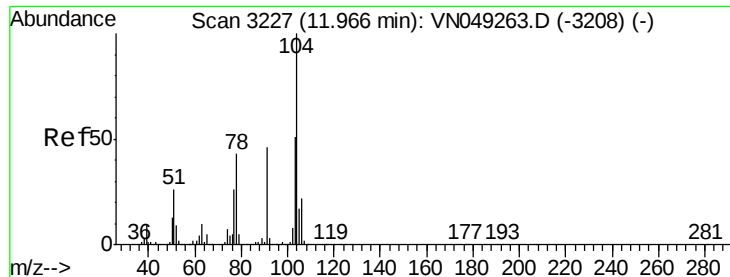
Tot Ion:106 Resp: 56796
Ion Ratio Lower Upper
106 100
91 199.8 167.3 250.9



#69
o-Xylene
Concen: 0.69 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN049605.D
Acq: 28 Jun 2018 21:52

Tgt Ion:106 Resp: 16393
Ion Ratio Lower Upper
106 100
91 227.0 111.0 333.0





#70

Stvrene

Concen: 0.25 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

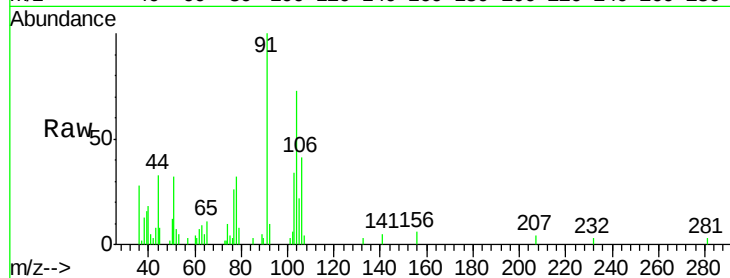
Tot Ion:104 Resp: 9417

Ion Ratio Lower Upper

104 100

78 64.1 41.6 62.4#

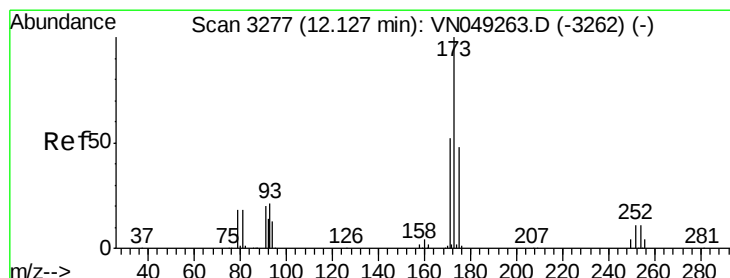
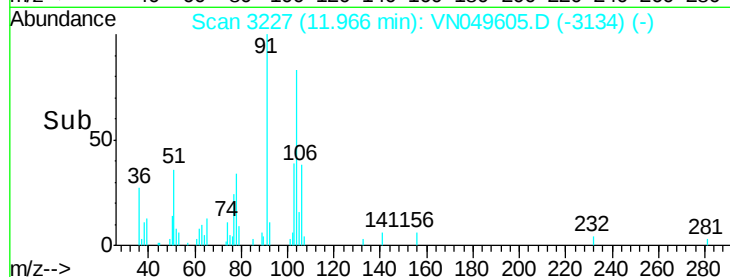
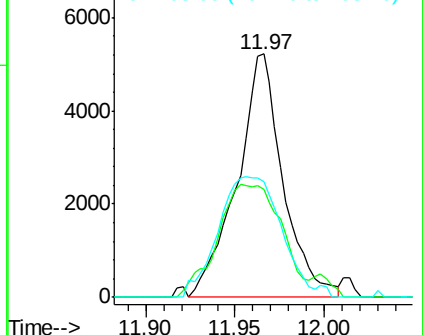
103 68.2 45.4 68.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.55 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

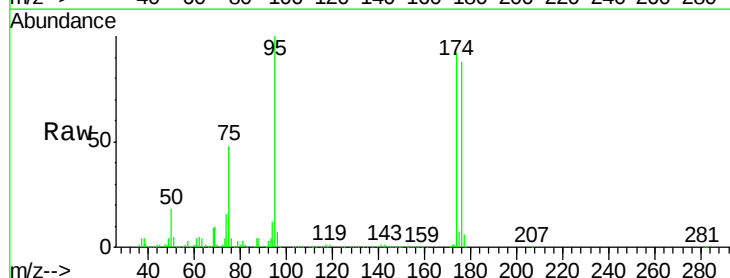
Tgt Ion:173 Resp: 5276

Ion Ratio Lower Upper

173 100

175 757.1 24.5 73.5#

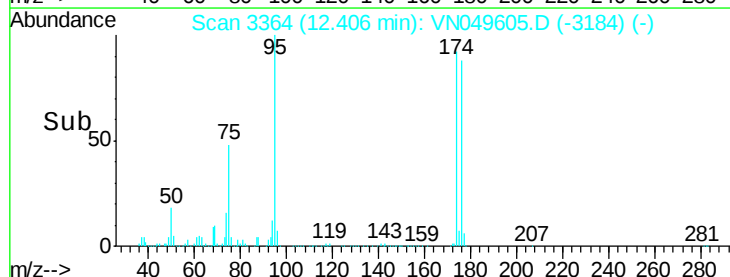
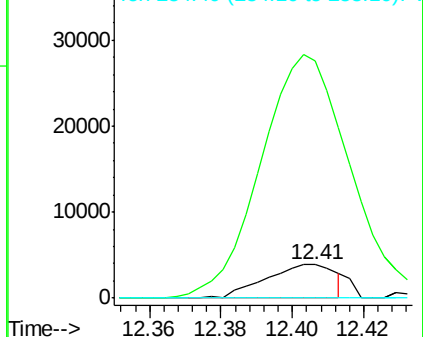
254 0.0 0.1 0.1#

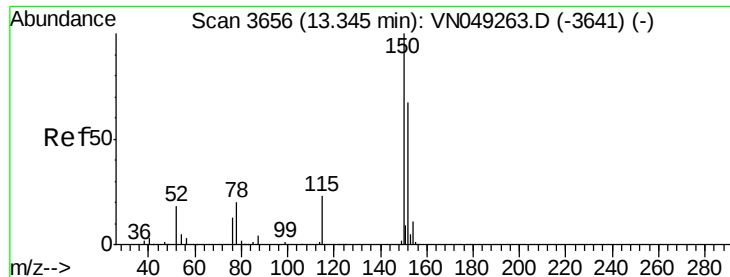


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampleId :

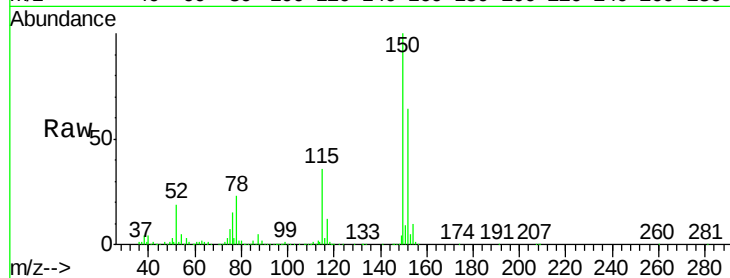
Tot Ion:152 Resp: 633707

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.1

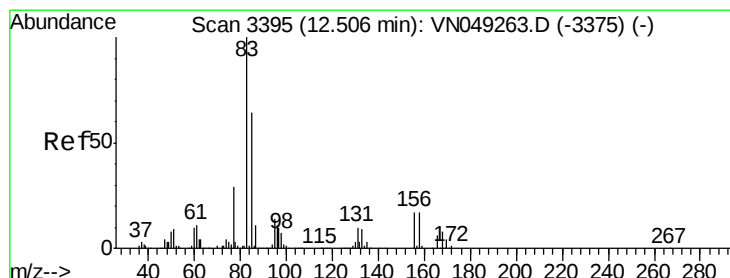
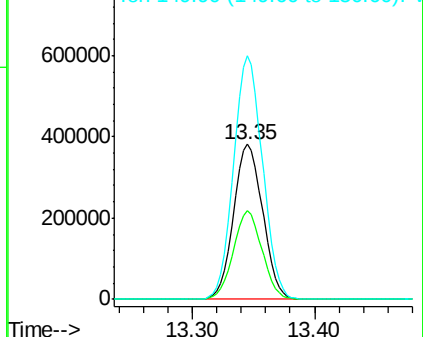
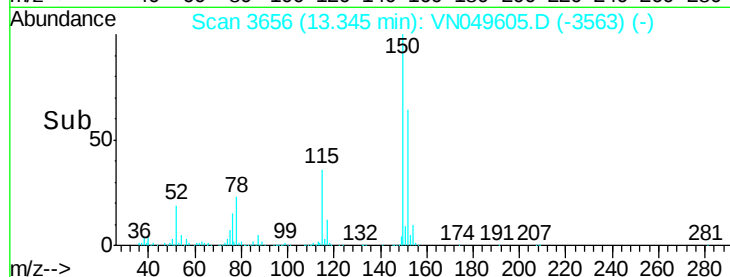
150 155.6 0.0 351.0



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: 12.44 min Scan# 3376

Delta R.T. -0.06 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

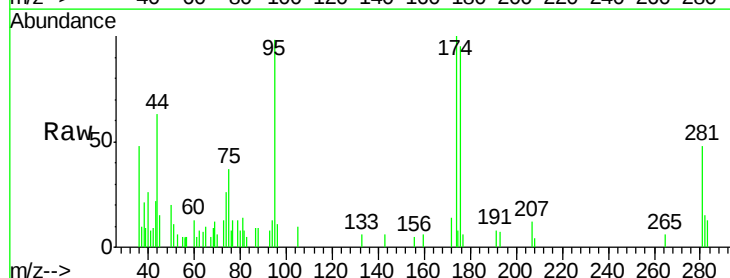
Tgt Ion: 83 Resp: 76

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

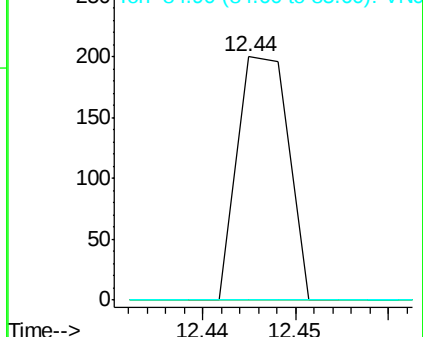
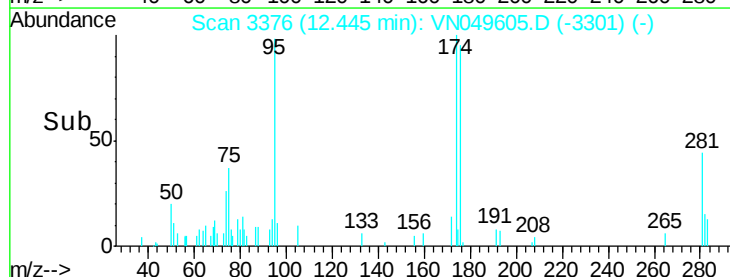
85 0.0 32.0 96.0#

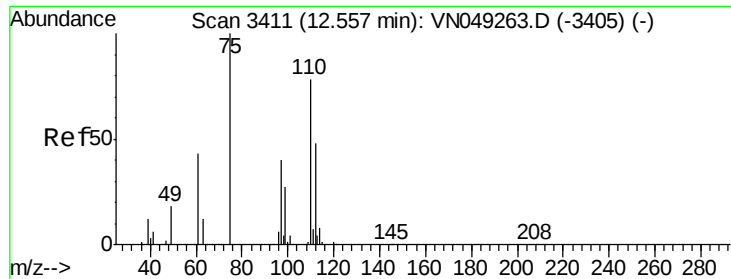


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 33.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

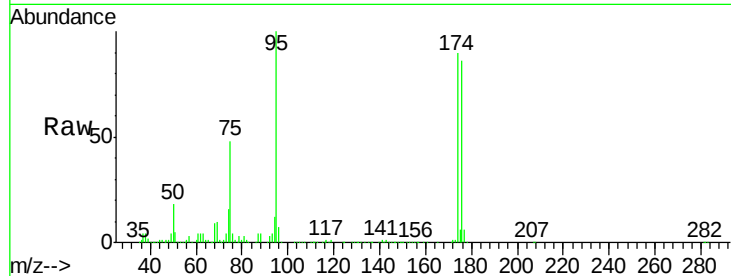
ClientSampled :

Tot Ion: 75 Resp: 359559

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

200000

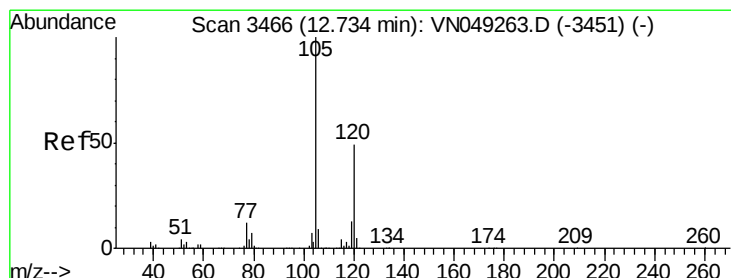
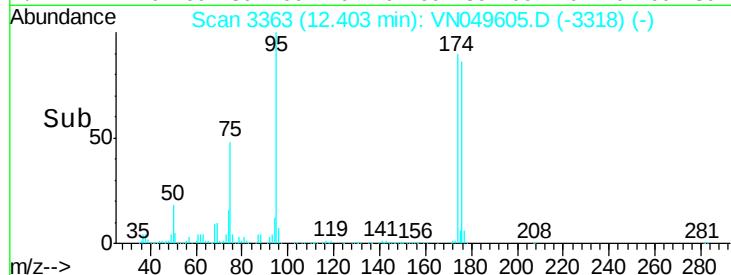
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.39 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049605.D

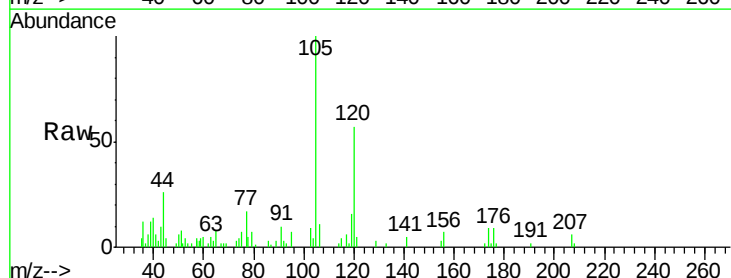
Acq: 28 Jun 2018 21:52

Tgt Ion: 105 Resp: 16855

Ion Ratio Lower Upper

105 100

120 50.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

12000

10000

8000

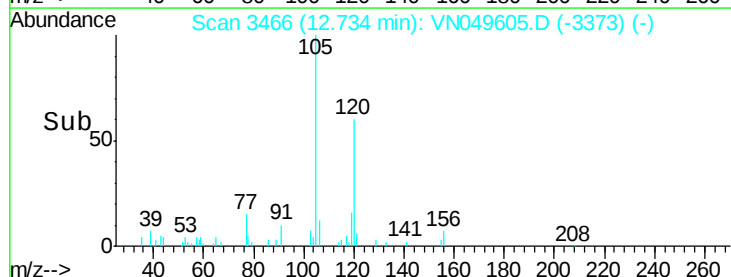
6000

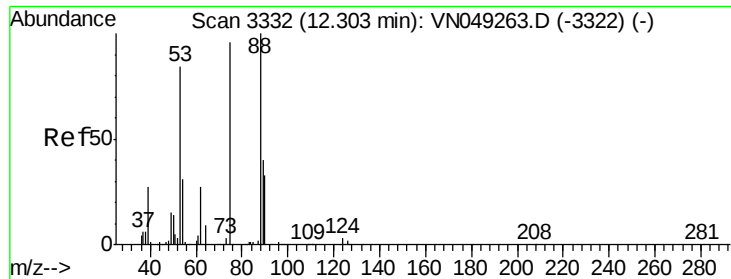
4000

2000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 105.10 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

ClientSampled :

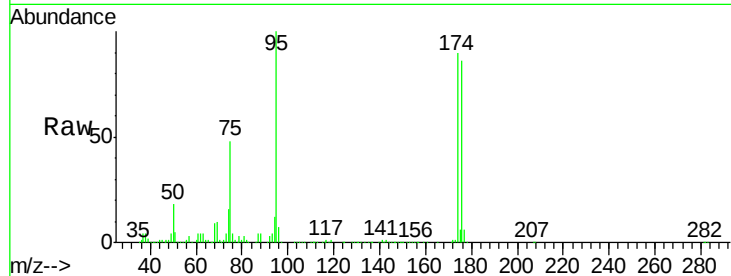
Tot Ion: 75 Resp: 359559

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

89 0.0 36.5 54.7#

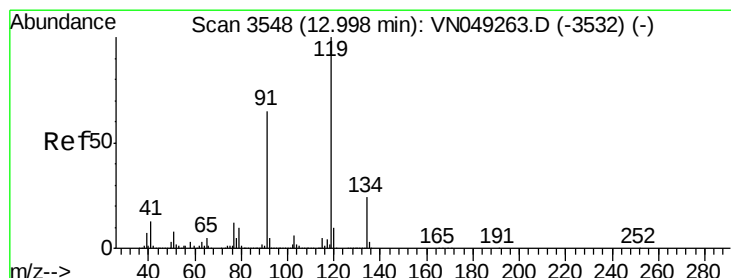
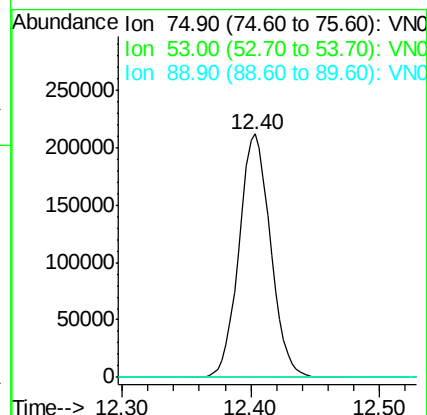
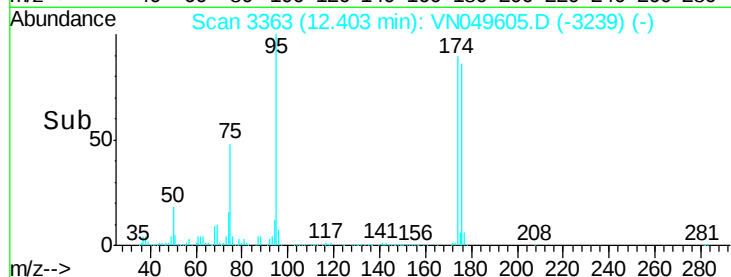


Abundance Ion 74.90 (74.60 to 75.60): VN049605.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049605.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049605.D (-3363) (-)

Time--> 12.30 12.40 12.50



#83

tert-Butylbenzene

Concen: 0.22 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

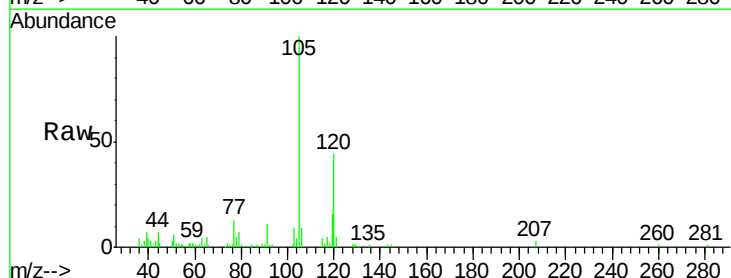
Tgt Ion: 119 Resp: 8414

Ion Ratio Lower Upper

119 100

91 73.3 33.7 101.0

134 0.0 12.9 38.6#

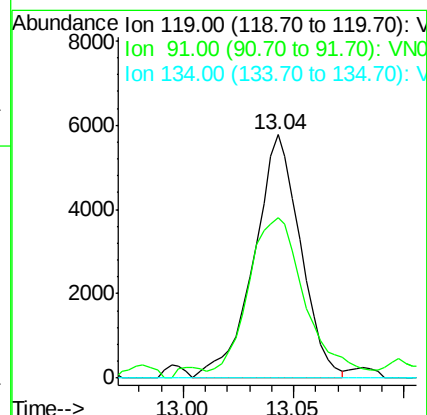
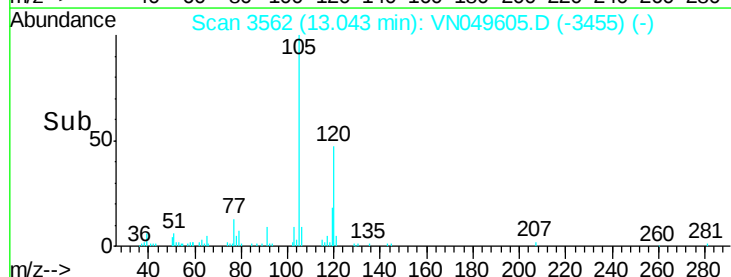


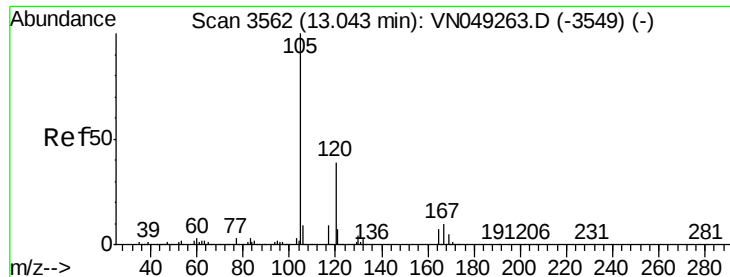
Abundance Ion 119.00 (118.70 to 119.70): VN049605.D (-3562) (-)

Ion 91.00 (90.70 to 91.70): VN049605.D (-3562) (-)

Ion 134.00 (133.70 to 134.70): VN049605.D (-3562) (-)

Time--> 13.00 13.05





#84

1,2,4-Trimethylbenzene

Concen: 1.38 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049605.D

Acq: 28 Jun 2018 21:52

Instrument :

MSVOA_N

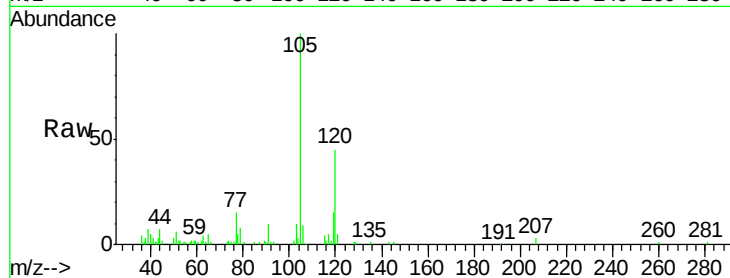
ClientSampleId :

Tot Ion:105 Resp: 59956

Ion Ratio Lower Upper

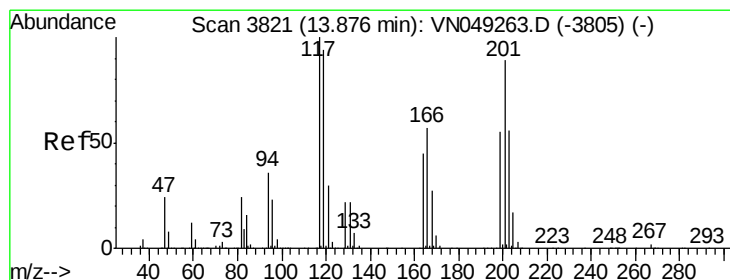
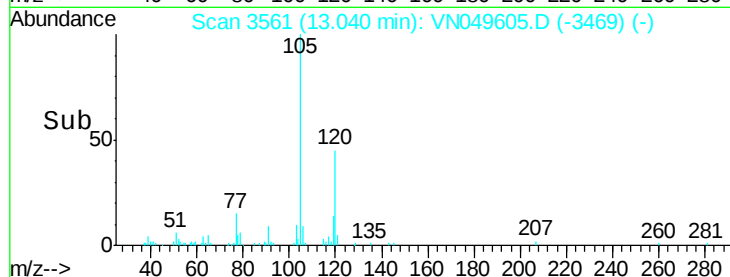
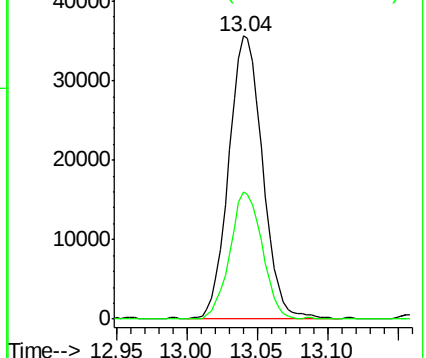
105 100

120 42.8 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: VN049605.D

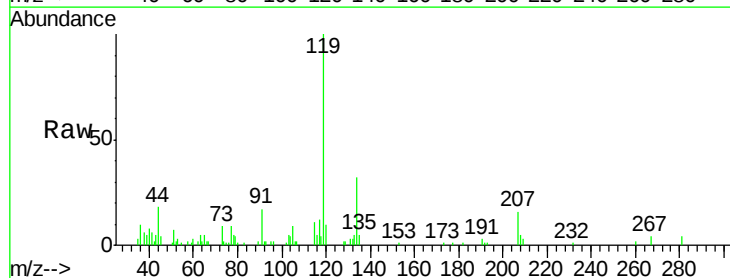
Acq: 28 Jun 2018 21:52

Tgt Ion:117 Resp: 2849

Ion Ratio Lower Upper

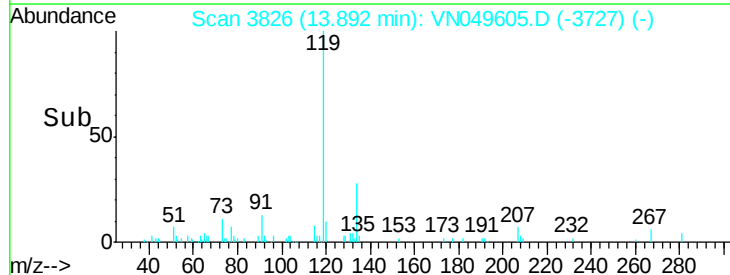
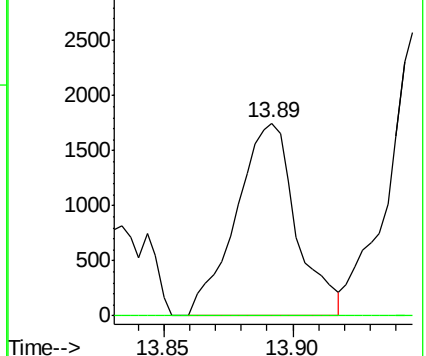
117 100

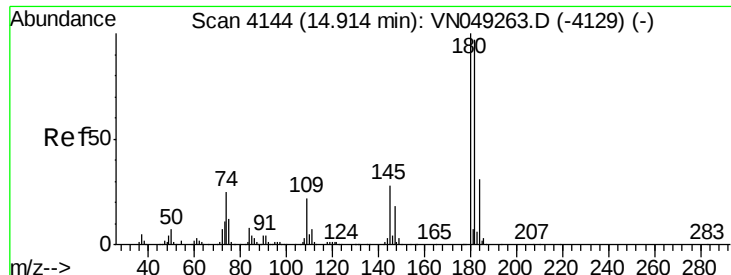
201 0.0 40.1 120.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

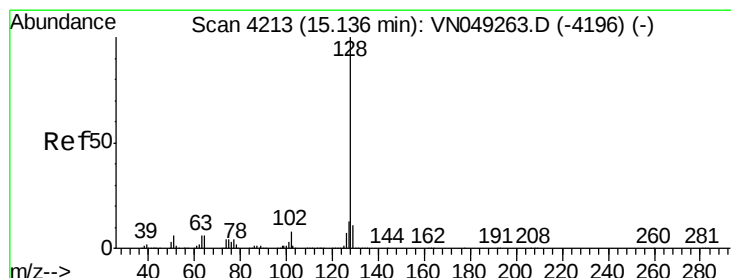
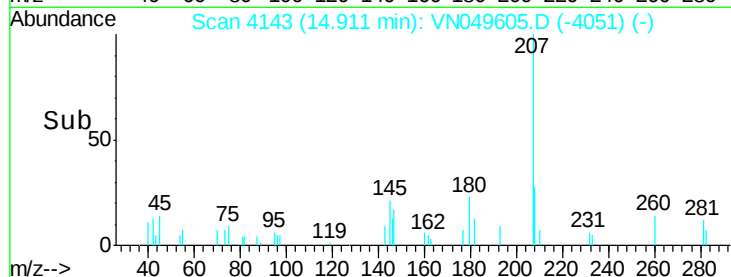
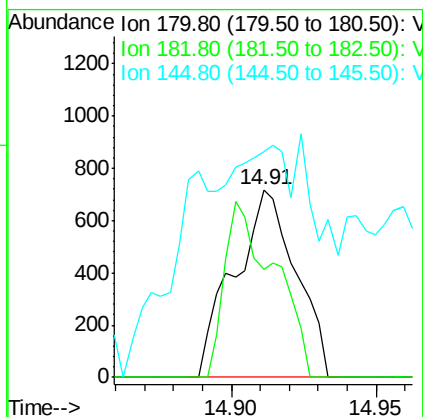
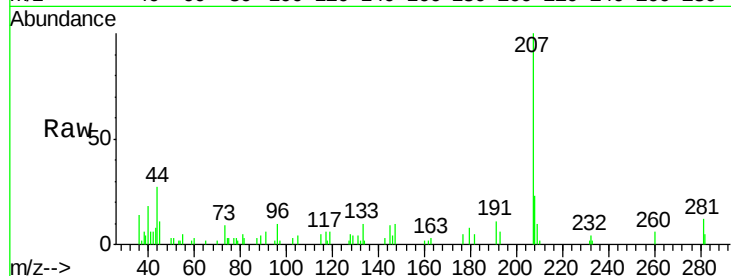




#93
 1,2,4-Trichlorobenzene
 Concen: 4.83 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

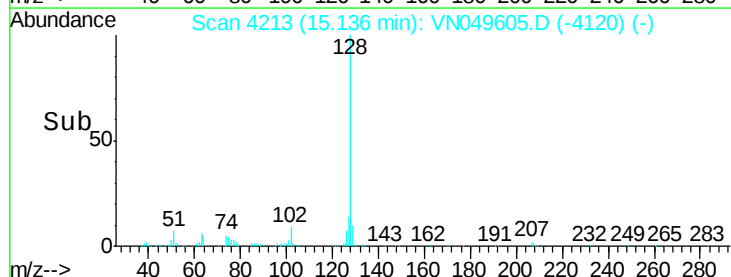
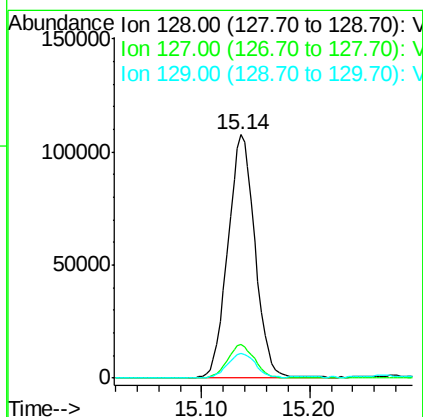
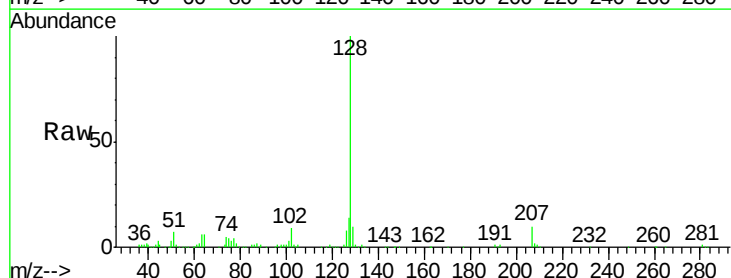
Instrument :
 MSVOA_N
 ClientSampled :

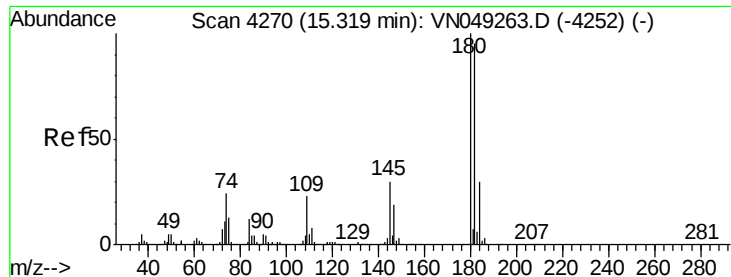
Tot Ion:180 Resp: 1062
 Ion Ratio Lower Upper
 180 100
 182 75.1 46.9 140.8
 145 0.0 14.7 44.1#



#95
 Naphthalene
 Concen: 12.44 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

Tgt Ion:128 Resp: 187497
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.6 16.0
 129 10.2 8.5 12.7

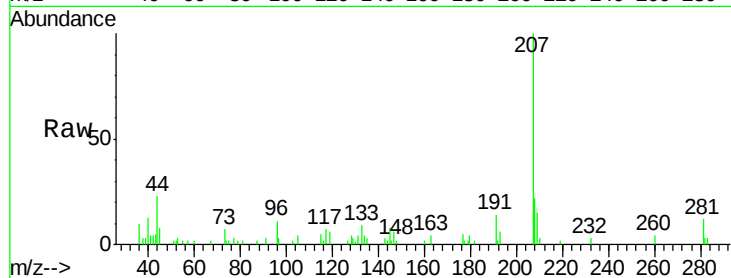




#96
 1,2,3-Trichlorobenzene
 Concen: 3.48 ug/l
 RT: 15.31 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: VN049605.D
 Acq: 28 Jun 2018 21:52

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	130.2	47.3	141.8
145	0.0	15.6	46.7#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

