

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049640.D
 Acq On : 29 Jun 2018 19:06
 Operator : MD\SY
 Sample : J3612-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 01:21:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1061821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1671846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1381871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	506519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	688321	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.60	113	23597	1.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.78%	
50) Toluene-d8	10.09	98	2250256	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
62) 4-Bromofluorobenzene	12.40	95	629331	37.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.36%	

Target Compounds

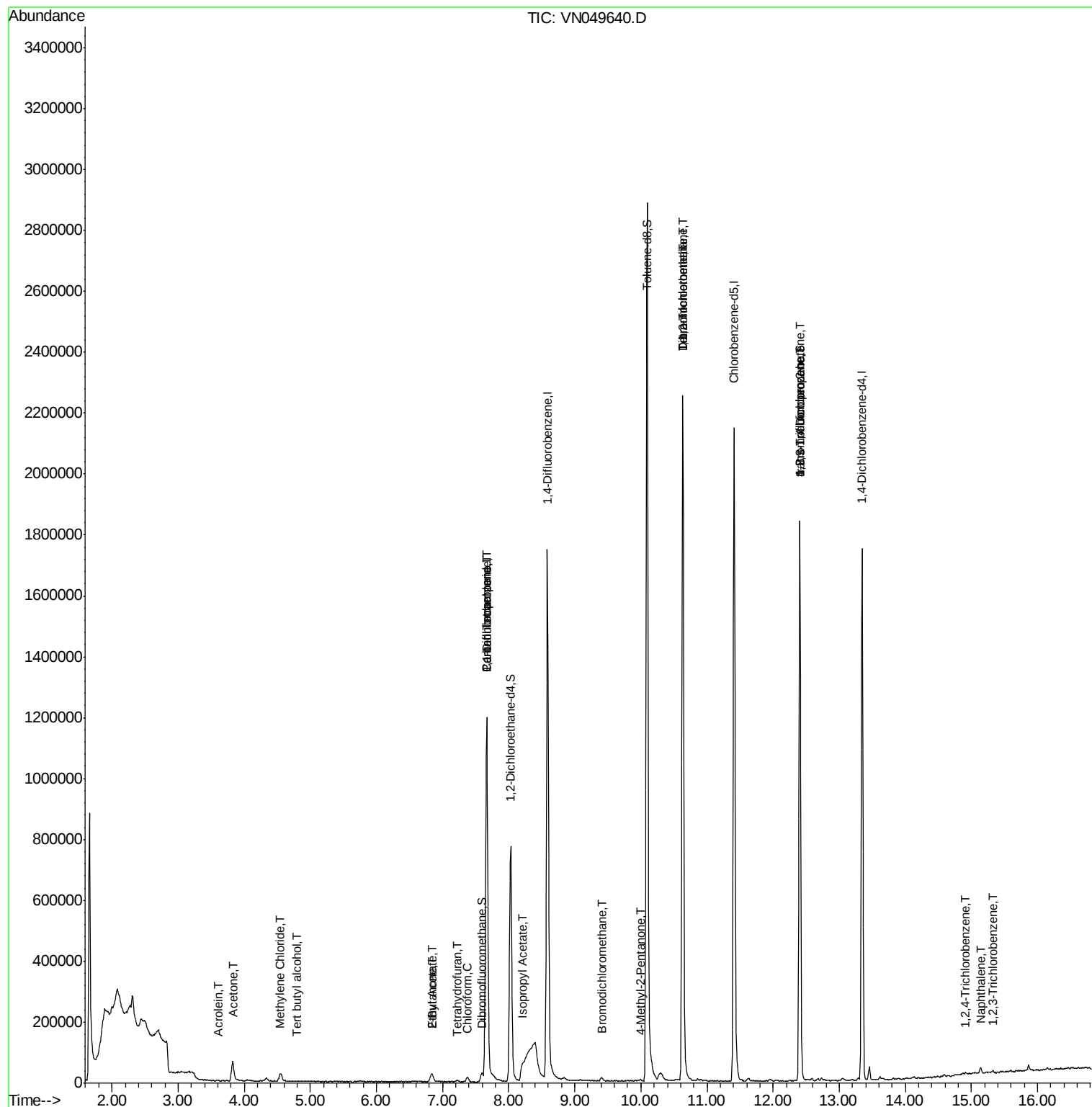
						Qvalue
11) Tert butyl alcohol	4.80	59	540	0.67	ug/l #	70
13) Acrolein	3.61	56	1458	1.94	ug/l #	73
16) Acetone	3.83	43	112464	36.19	ug/l	93
17) Carbon Disulfide	4.05	76	6059	Below	Cal #	87
18) Methyl Acetate	4.34	43	17850	Below	Cal	96
20) Methylene Chloride	4.54	84	18828	1.30	ug/l #	83
25) 2-Butanone	6.84	43	12839	2.76	ug/l	95
29) Tetrahydrofuran	7.22	42	1848	0.62	ug/l #	54
30) Chloroform	7.37	83	8318	0.33	ug/l	89
36) 1,1-Dichloropropene	7.67	75	72326	3.85	ug/l #	49
37) Ethyl Acetate	6.84	43	12839	1.17	ug/l #	69
38) Carbon Tetrachloride	7.67	117	94500	5.16	ug/l #	17
43) Isopropyl Acetate	8.20	43	30540	0.83	ug/l #	66
47) Bromodichloromethane	9.41	83	6921	0.36	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3325	0.31	ug/l	92
55) 1,1,2-Trichloroethane	10.63	97	4888	0.38	ug/l #	1
60) Dibromochloromethane	10.63	129	513357	36.76	ug/l #	10
64) Tetrachloroethene	10.63	164	588437	31.45	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	125	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.40	75	304455	38.49	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	304455	127.29	ug/l #	8
87) 1,3-Dichlorobenzene	13.29	146	2198	Below	Cal	89
88) 1,4-Dichlorobenzene	13.29	146	2198	Below	Cal	90
91) 1,2-Dichlorobenzene	13.66	146	1757	Below	Cal	89
92) 1,2-Dibromo-3-Chloropropan	14.27	75	141	Below	Cal #	4
93) 1,2,4-Trichlorobenzene	14.92	180	1632	2.57	ug/l	92
94) Hexachlorobutadiene	15.02	225	492	Below	Cal #	35
95) Naphthalene	15.14	128	17131	3.49	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	1790	1.84	ug/l	84

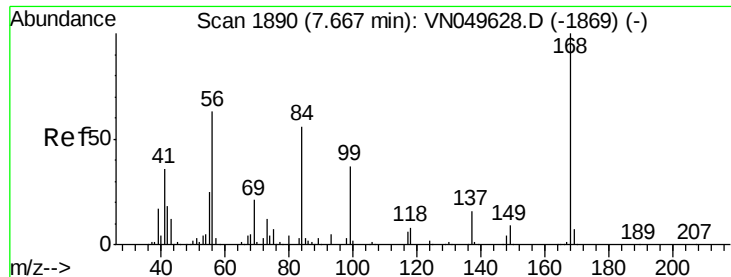
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062918\
Data File : VN049640.D
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 30 01:21:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 29 15:11:52 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

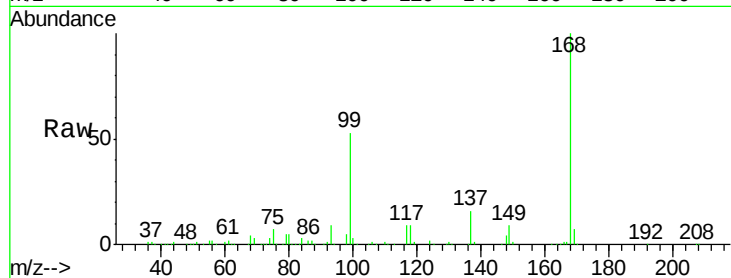
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1061821

Ion Ratio Lower Upper

168 100

99 52.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049640.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049640.D (-1797) (-)

7.67

400000

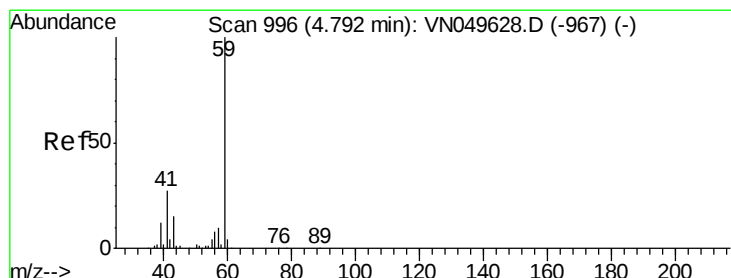
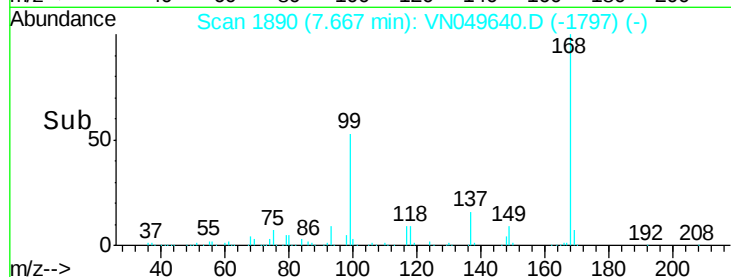
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.67 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN049640.D

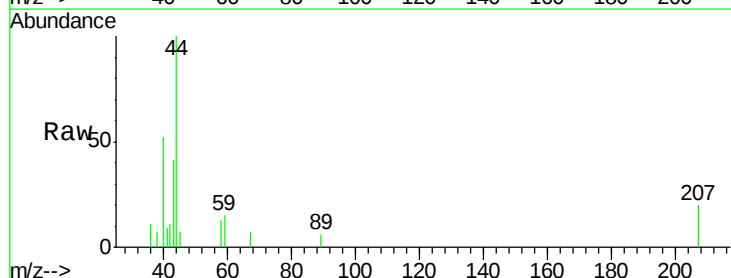
Acq: 29 Jun 2018 19:06

Tgt Ion: 59 Resp: 540

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN049640.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN049640.D (-904) (-)

4.80

400

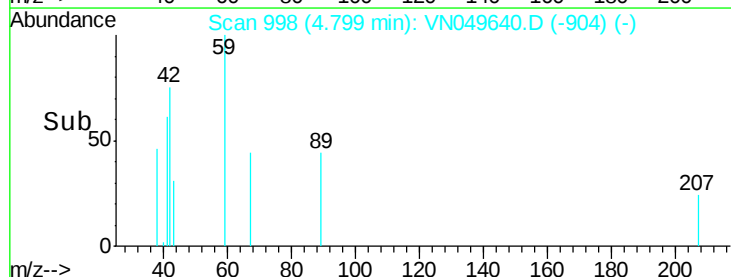
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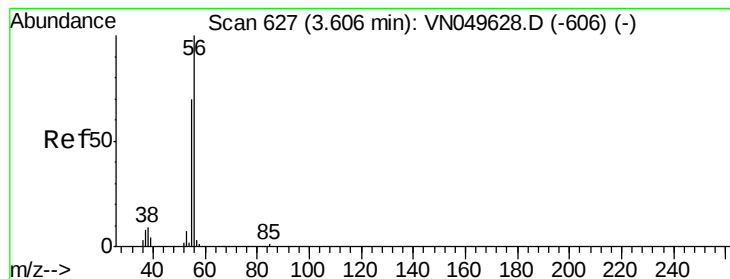
200

100

0

Time--> 4.76 4.78 4.80 4.82





#13

Acrolein

Concen: 1.94 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :

MSVOA_N

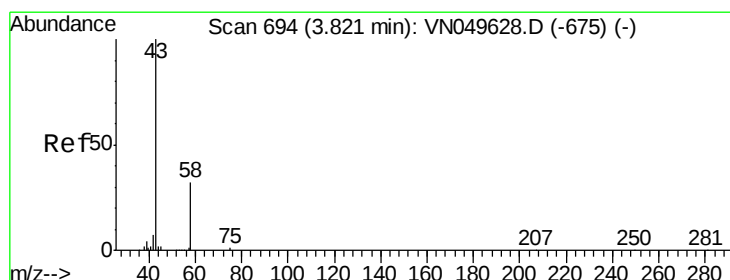
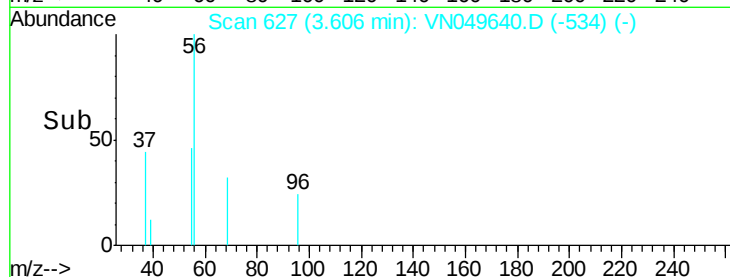
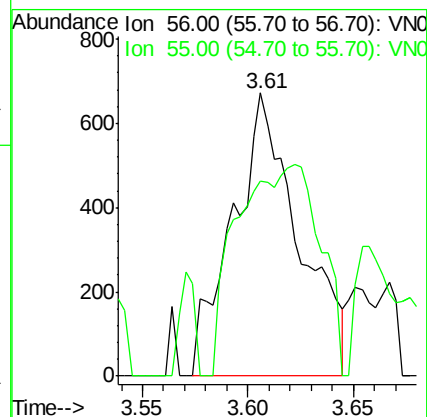
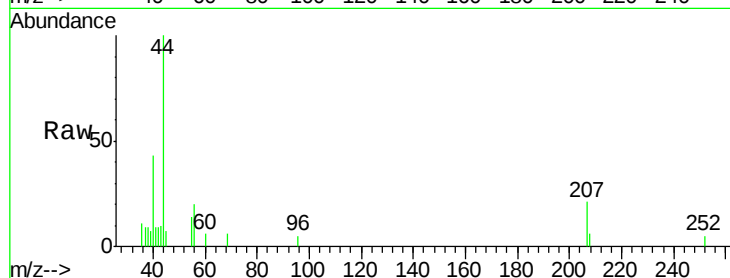
ClientSampled :

Tot Ion: 56 Resp: 1458

Ion Ratio Lower Upper

56 100

55 93.8 57.1 85.7#



#16

Acetone

Concen: 36.19 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049640.D

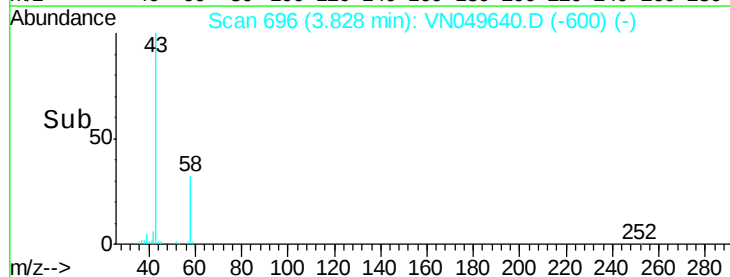
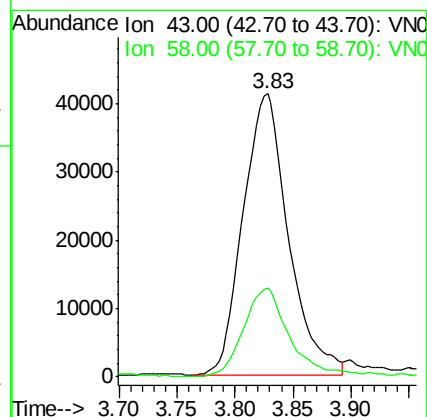
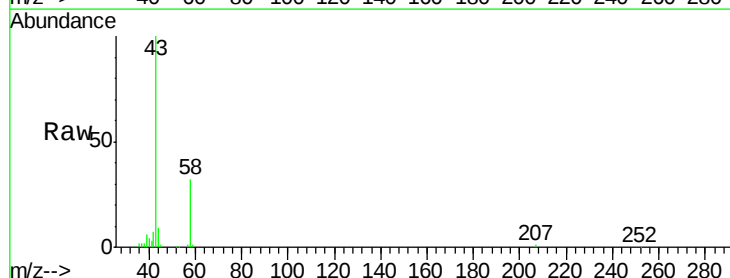
Acq: 29 Jun 2018 19:06

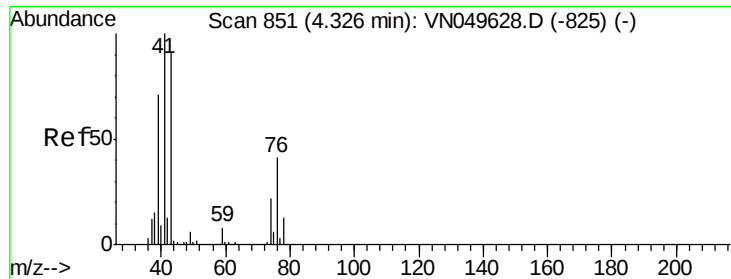
Tgt Ion: 43 Resp: 112464

Ion Ratio Lower Upper

43 100

58 31.8 22.4 33.6

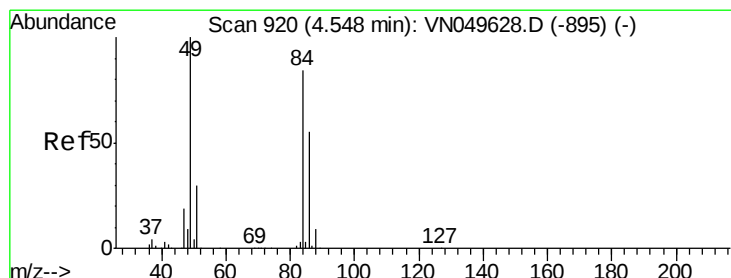
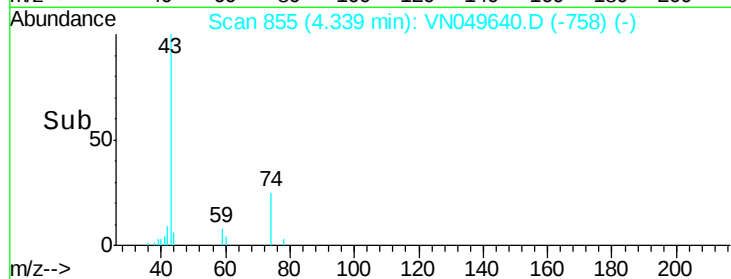
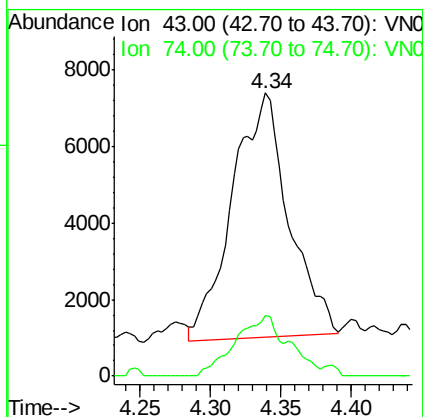
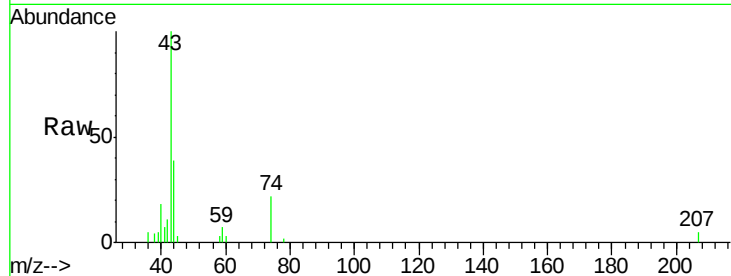




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

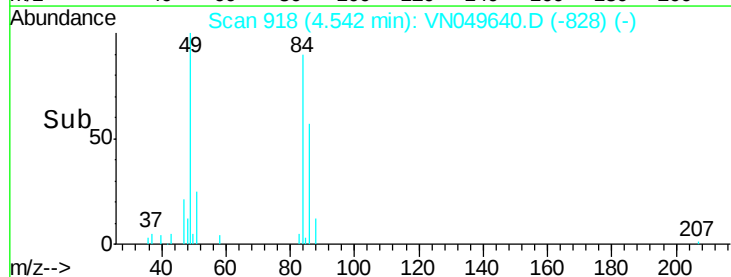
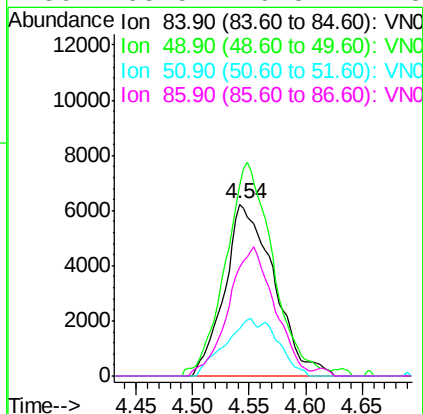
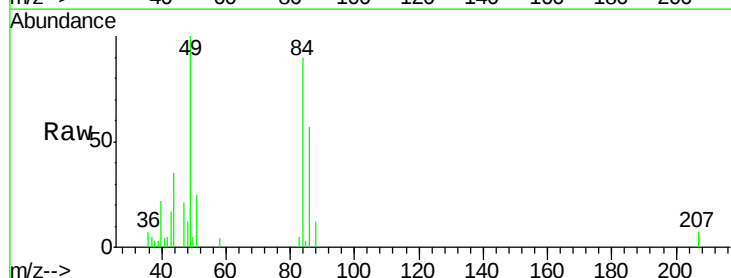
Instrument :
MSVOA_N
ClientSampleId :

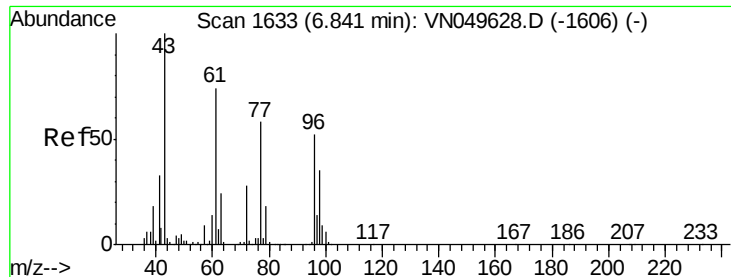
Tot Ion: 43 Resp: 17850
Ion Ratio Lower Upper
43 100
74 23.5 17.4 26.0



#20
Methylene Chloride
Concen: 1.30 ug/l
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

Tgt Ion: 84 Resp: 18828
Ion Ratio Lower Upper
84 100
49 107.1 106.9 160.3
51 27.9 32.7 49.1#
86 63.5 49.8 74.8

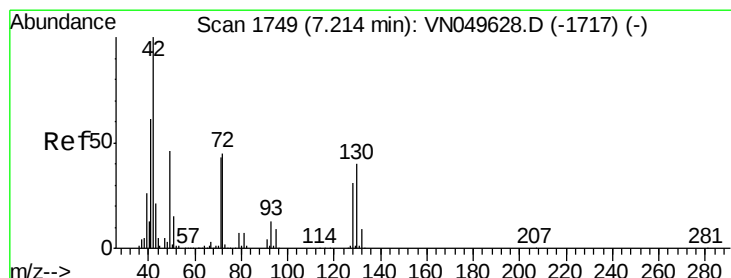
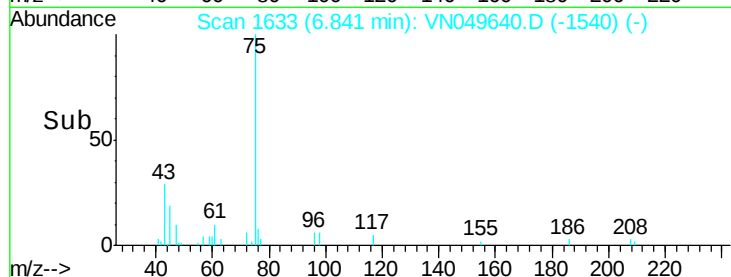
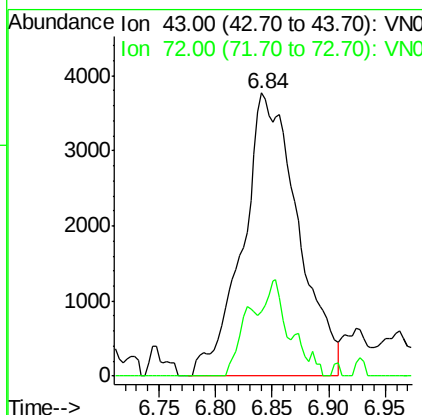
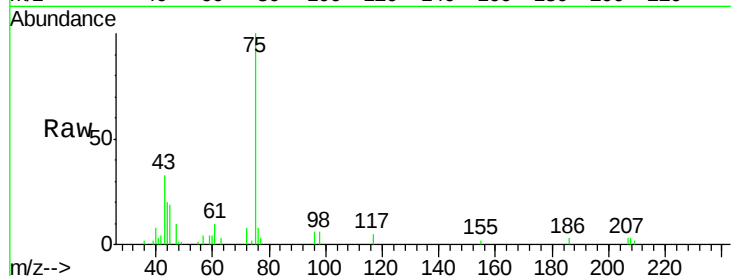




#25
2-Butanone
Concen: 2.76 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

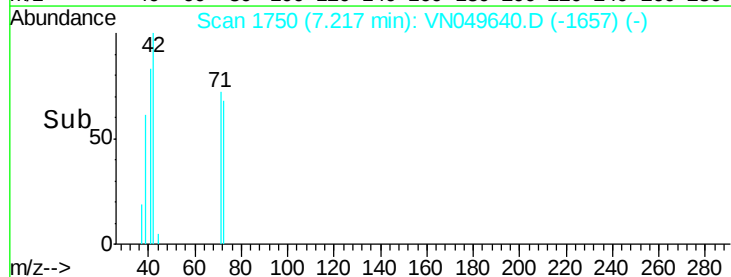
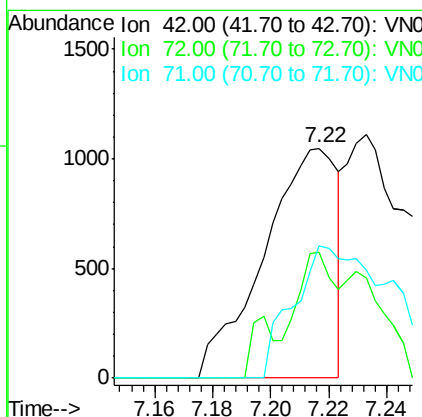
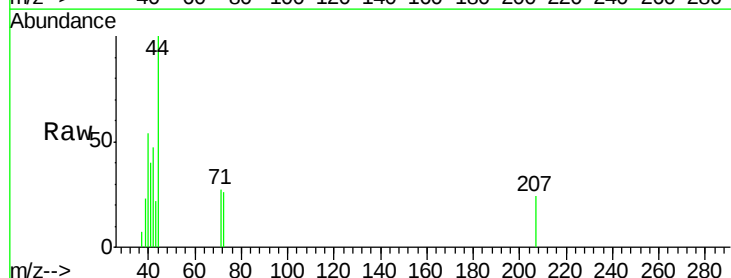
Instrument :
MSVOA_N
ClientSampleId :

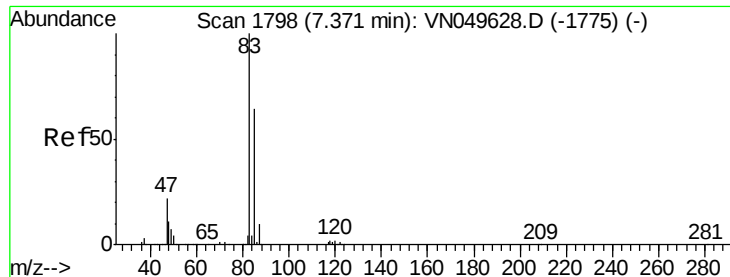
Tot Ion: 43 Resp: 12839
Ion Ratio Lower Upper
43 100
72 22.8 20.2 30.2



#29
Tetrahydrofuran
Concen: 0.62 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

Tgt Ion: 42 Resp: 1848
Ion Ratio Lower Upper
42 100
72 18.2 32.2 48.4#
71 72.7 30.5 45.7#

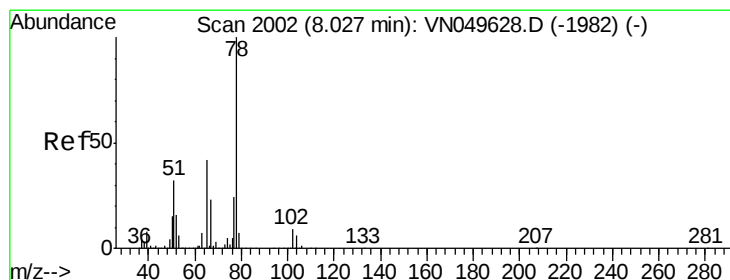
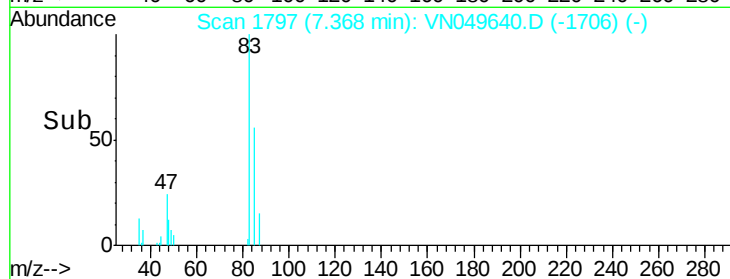
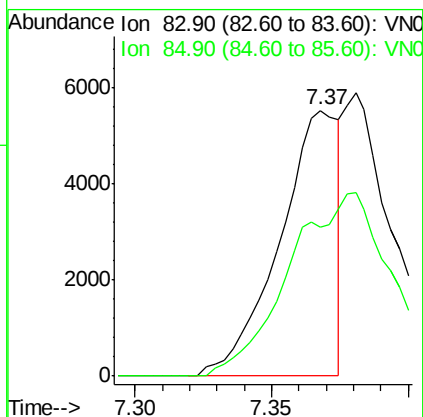
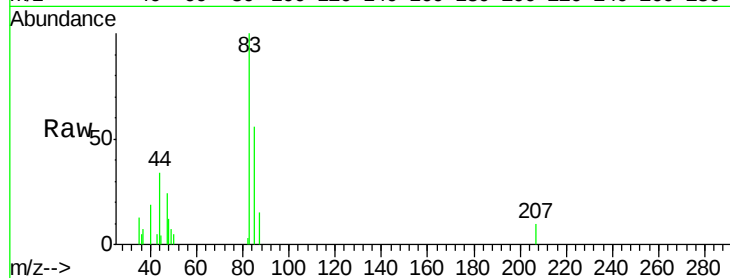




#30
Chloroform
Concen: 0.33 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.01 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

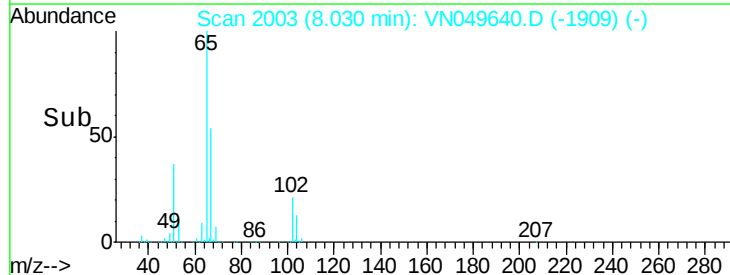
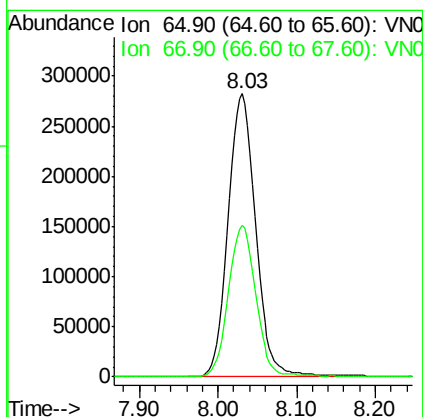
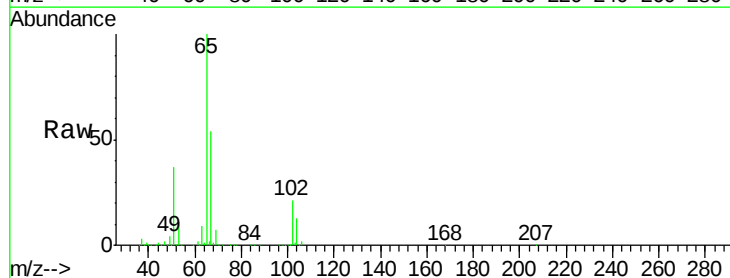
Instrument :
MSVOA_N
ClientSampleId :

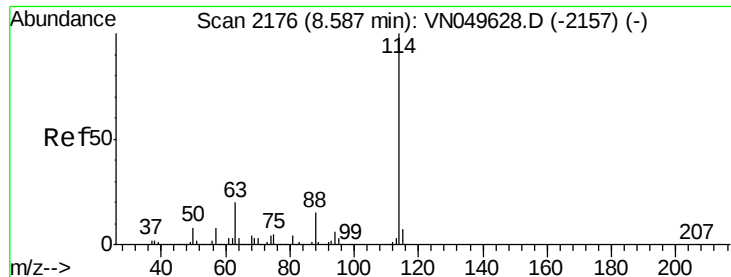
Tot Ion: 83 Resp: 8318
Ion Ratio Lower Upper
83 100
85 56.1 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 49.09 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

Tgt Ion: 65 Resp: 688321
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.8

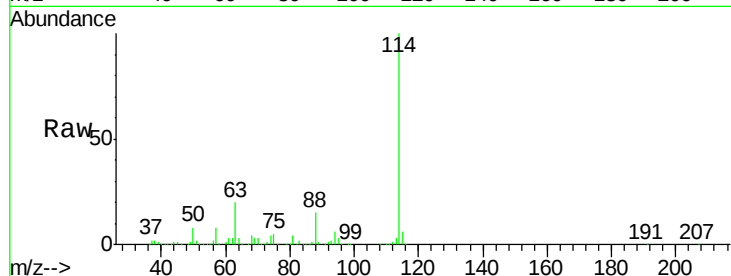




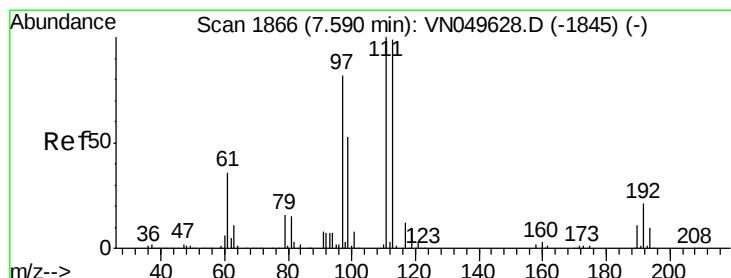
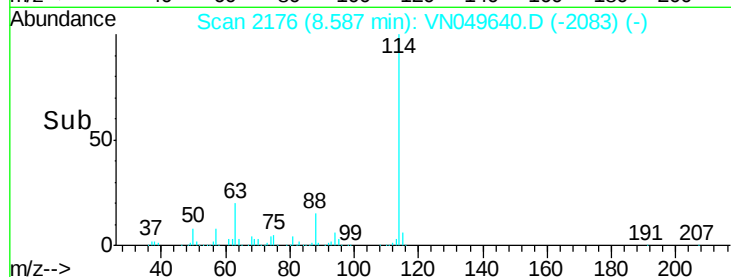
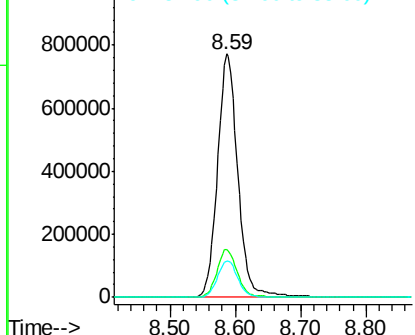
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049640.D
 Acq: 29 Jun 2018 19:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1671846
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.0 0.0 31.4

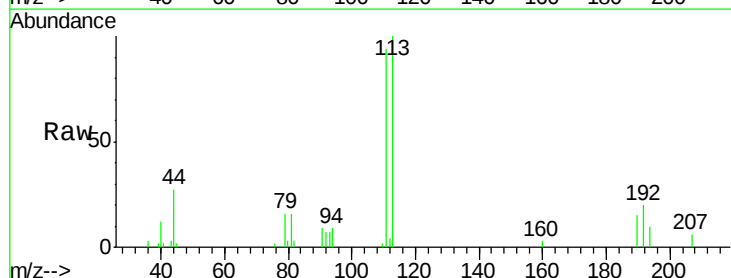


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

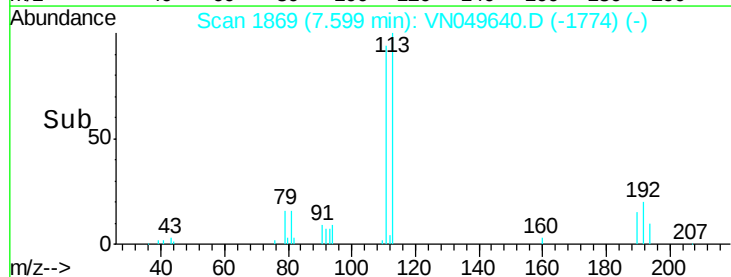
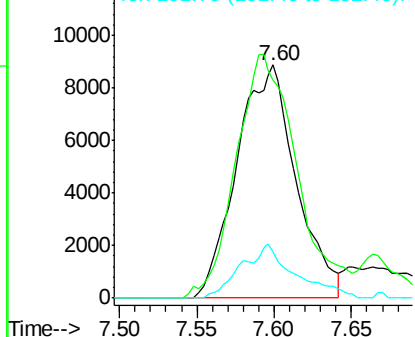


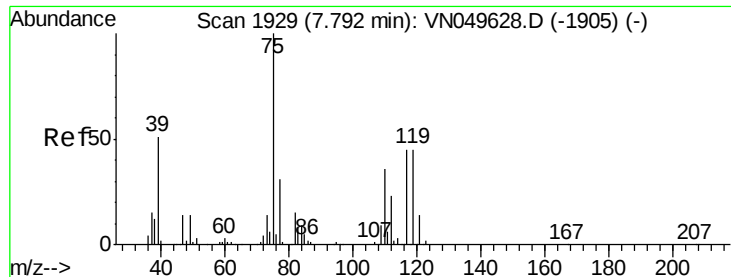
#35
 Dibromofluoromethane
 Concen: 1.89 ug/l
 RT: 7.60 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VN049640.D
 Acq: 29 Jun 2018 19:06

Tgt Ion:113 Resp: 23597
 Ion Ratio Lower Upper
 113 100
 111 108.2 82.4 123.6
 192 21.2 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: 3.85 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :
MSVOA_N
ClientSampled :

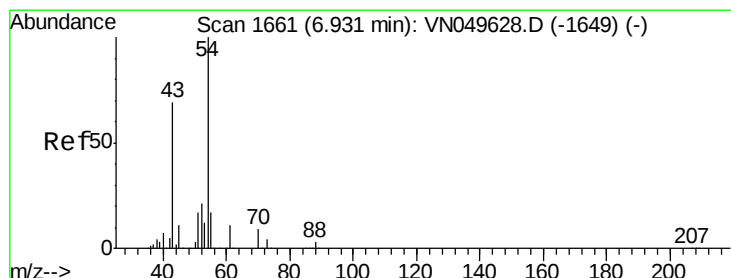
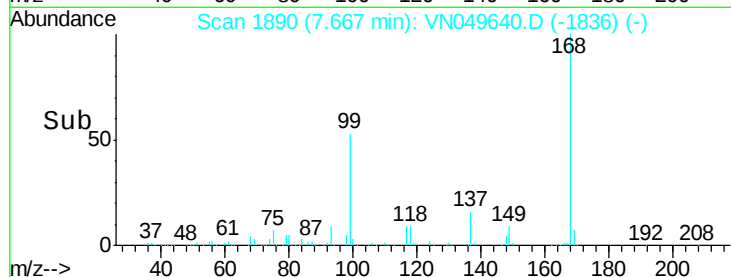
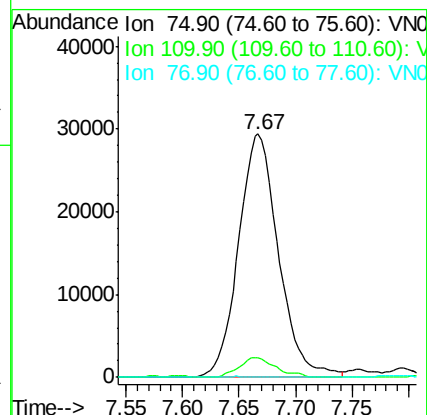
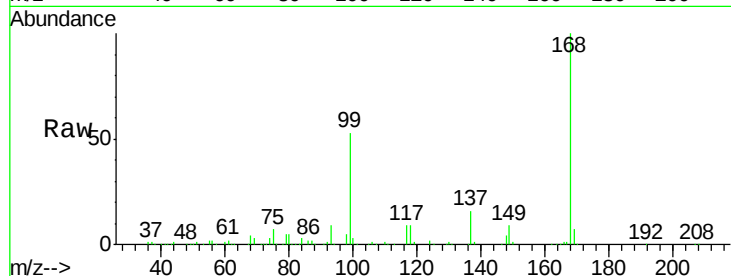
Tot Ion: 75 Resp: 72326

Ion Ratio Lower Upper

75 100

110 7.5 17.0 50.9#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.17 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.09 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

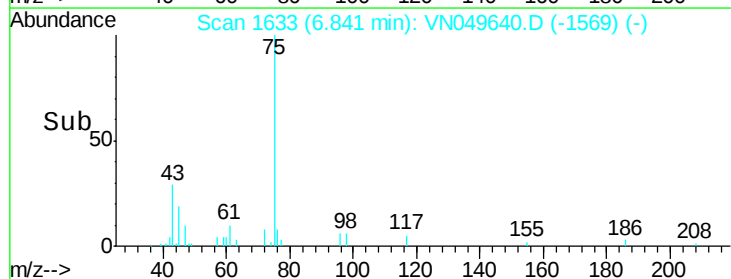
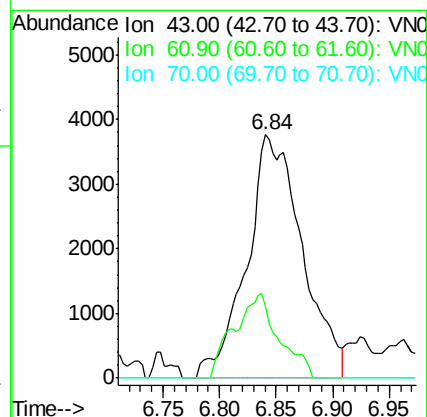
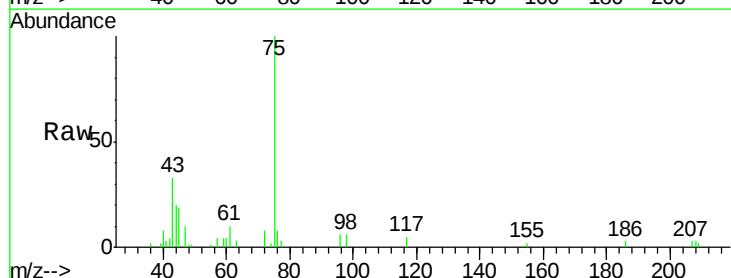
Tgt Ion: 43 Resp: 12839

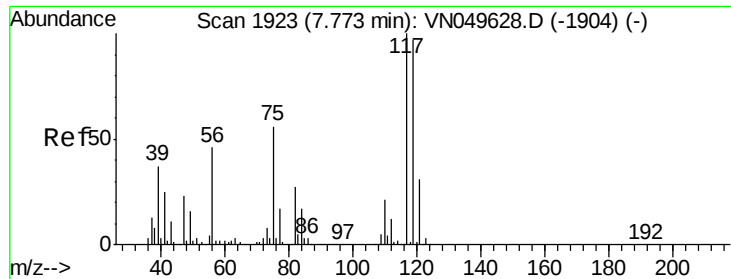
Ion Ratio Lower Upper

43 100

61 28.1 11.0 16.4#

70 0.0 7.2 10.8#

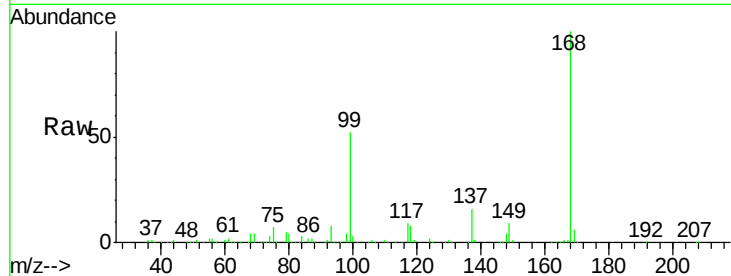




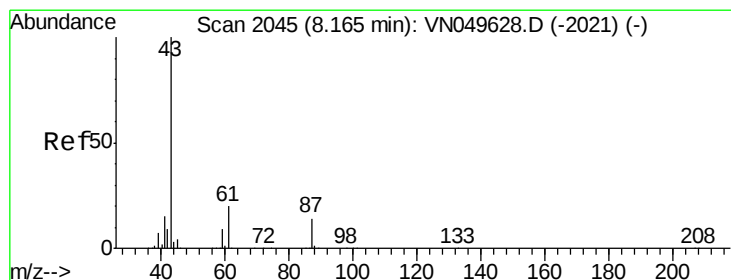
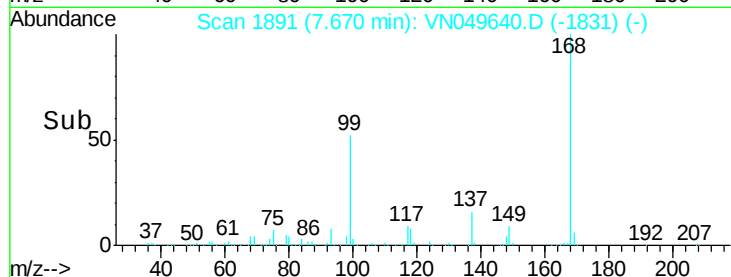
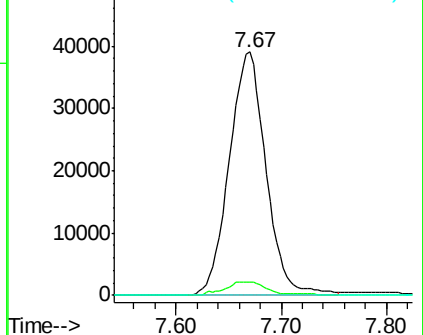
#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 94500
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 24.7 37.1#

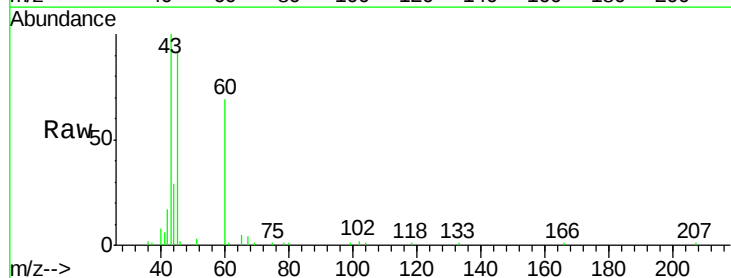


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

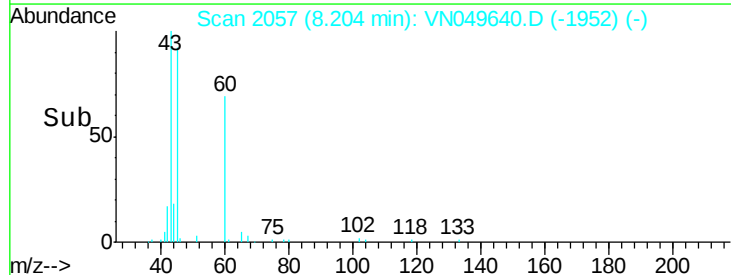
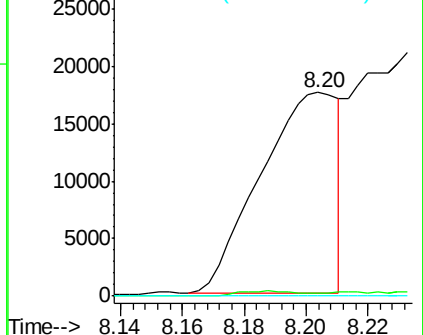


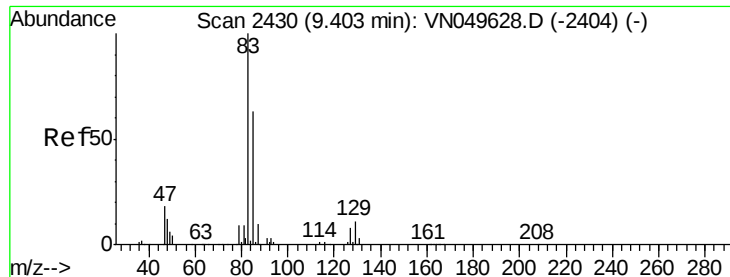
#43
Isopropyl Acetate
Concen: 0.83 ug/l
RT: 8.20 min Scan# 2057
Delta R.T. 0.04 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

Tgt Ion: 43 Resp: 30540
Ion Ratio Lower Upper
43 100
61 1.9 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: 0.36 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :

MSVOA_N

ClientSampleId :

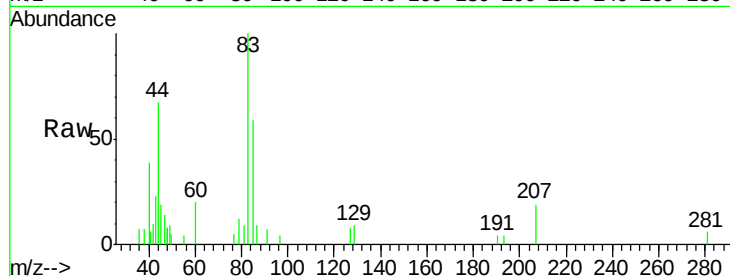
Tot Ion: 83 Resp: 6921

Ion Ratio Lower Upper

83 100

85 59.1 49.4 74.0

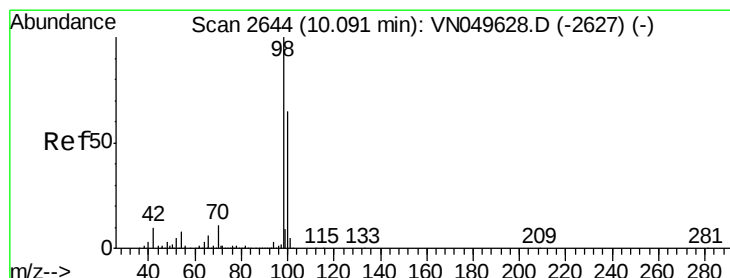
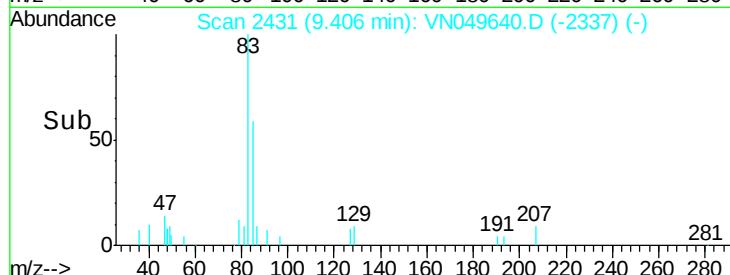
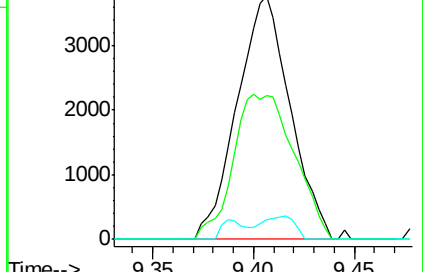
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049640.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049640.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049640.D (-2337) (-)



#50

Toluene-d8

Concen: 46.00 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049640.D

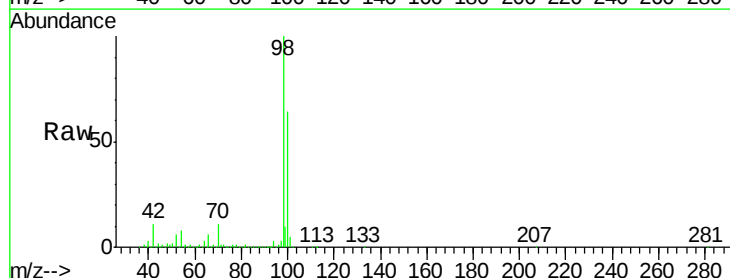
Acq: 29 Jun 2018 19:06

Tgt Ion: 98 Resp: 2250256

Ion Ratio Lower Upper

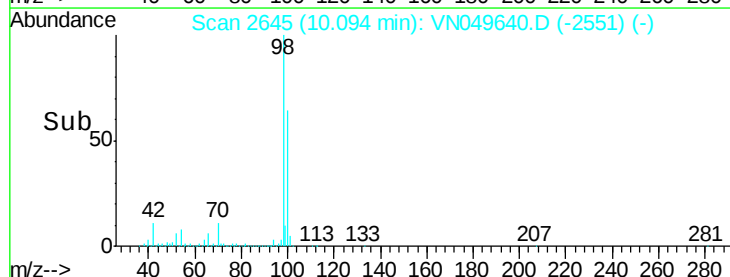
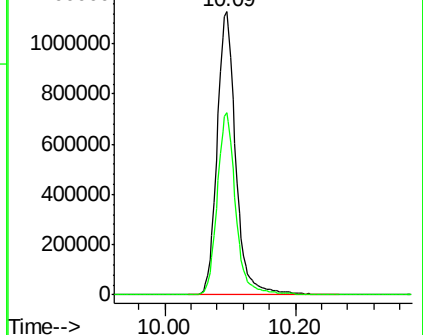
98 100

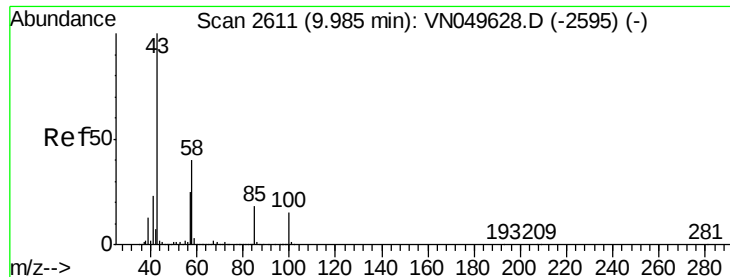
100 63.8 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049640.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049640.D (-2551) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.31 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :

MSVOA_N

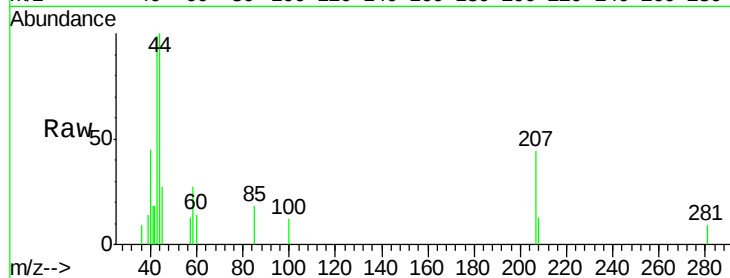
ClientSampled :

Tot Ion: 43 Resp: 3325

Ion Ratio Lower Upper

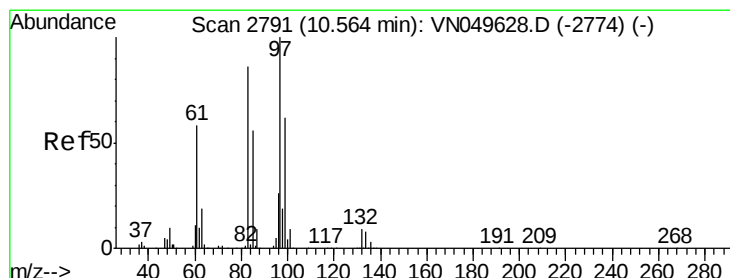
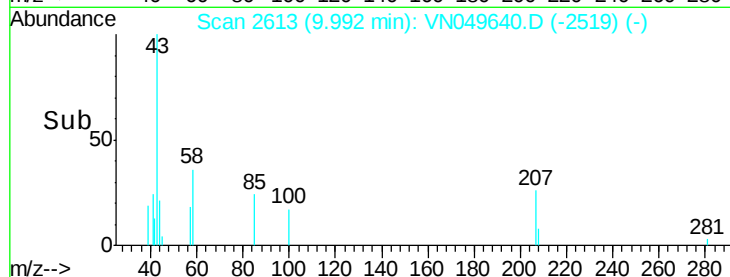
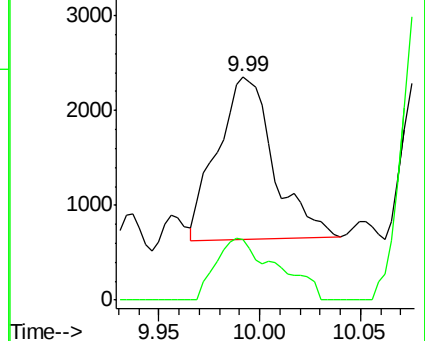
43 100

58 41.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049640.D (-2595) (-)

Ion 58.00 (57.70 to 58.70): VN049640.D (-2595) (-)



#55

1,1,2-Trichloroethane

Concen: 0.38 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.07 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Tgt Ion: 97 Resp: 4888

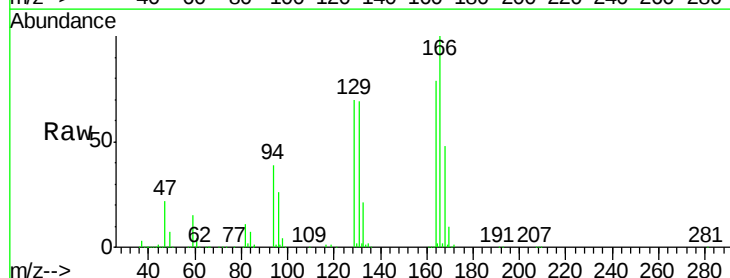
Ion Ratio Lower Upper

97 100

83 273.8 71.5 107.3#

85 33.3 47.0 70.4#

99 12.4 51.4 77.2#

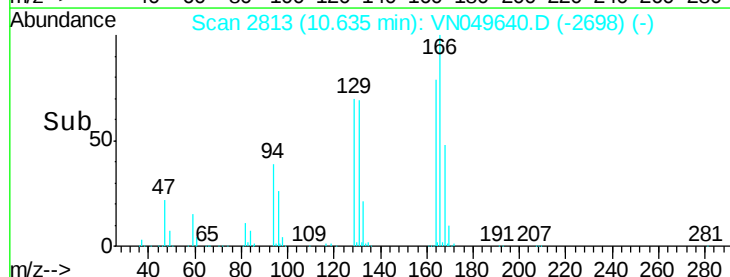
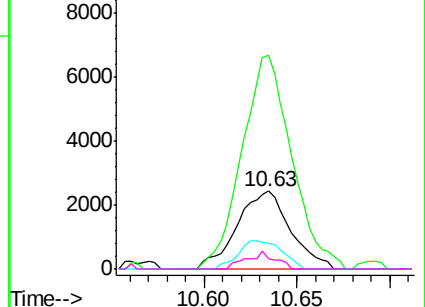


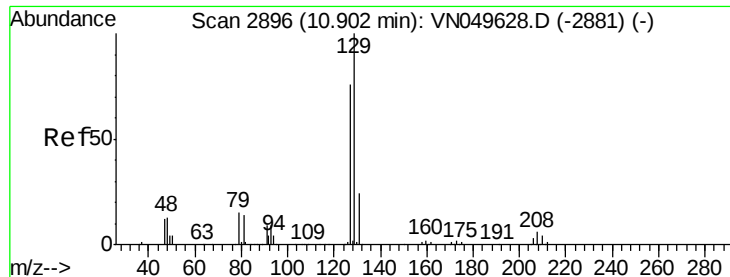
Abundance Ion 96.90 (96.60 to 97.60): VN049640.D (-2698) (-)

Ion 82.90 (82.60 to 83.60): VN049640.D (-2698) (-)

Ion 84.90 (84.60 to 85.60): VN049640.D (-2698) (-)

Ion 98.90 (98.60 to 99.60): VN049640.D (-2698) (-)





#60

Dibromochloromethane

Concen: 36.76 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.27 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :

MSVOA_N

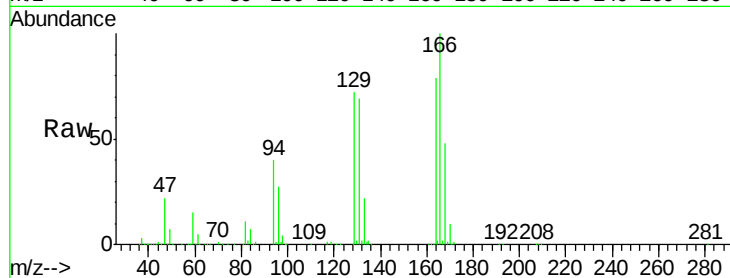
ClientSampled :

Tot Ion:129 Resp: 513357

Ion Ratio Lower Upper

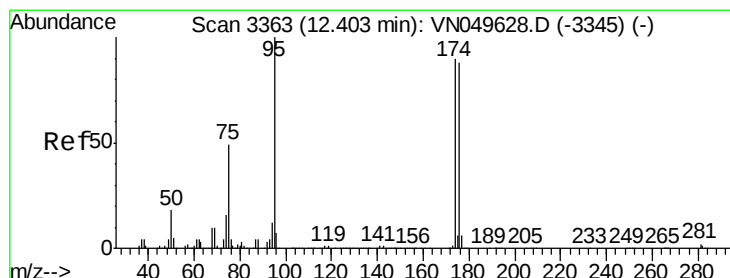
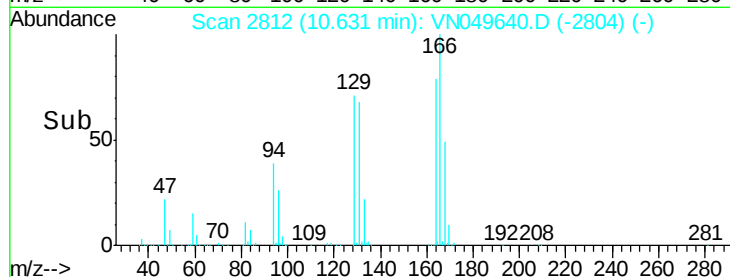
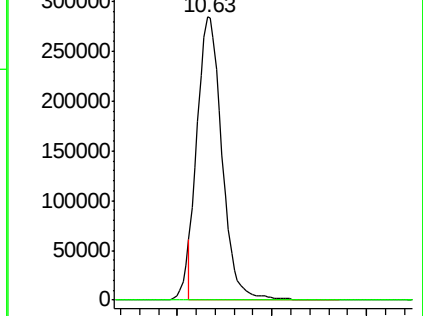
129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 37.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

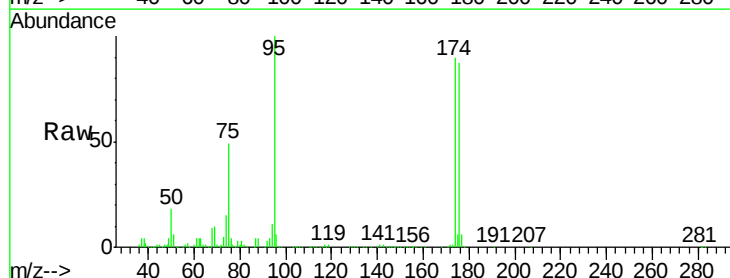
Tgt Ion: 95 Resp: 629331

Ion Ratio Lower Upper

95 100

174 91.5 0.0 165.6

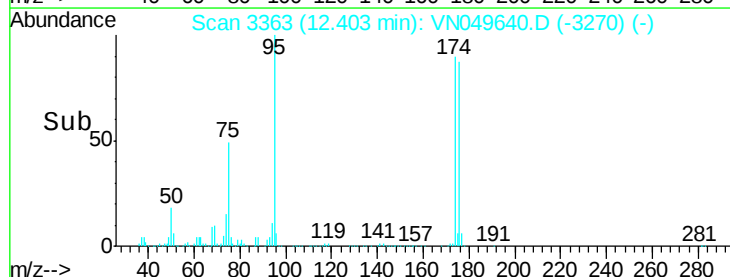
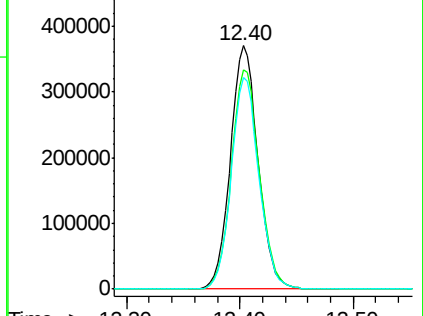
176 86.9 0.0 157.4

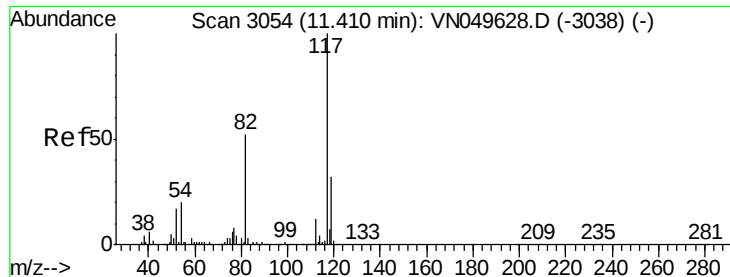


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :

MSVOA_N

ClientSampled :

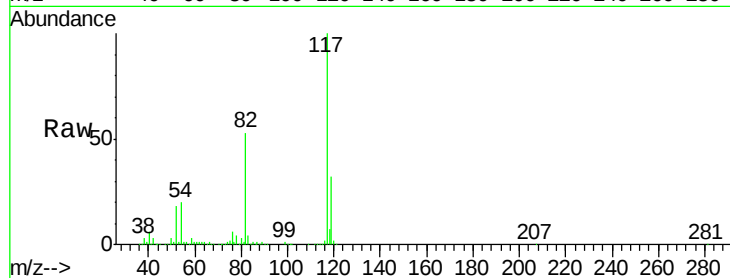
Tot Ion:117 Resp: 1381871

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

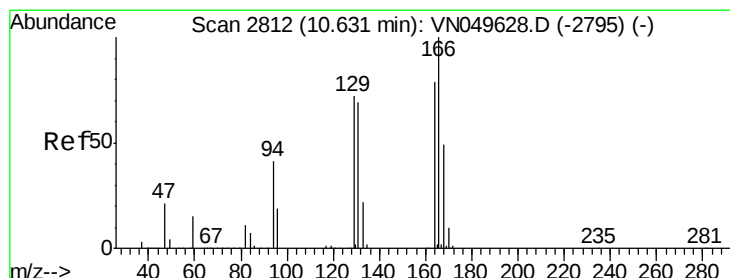
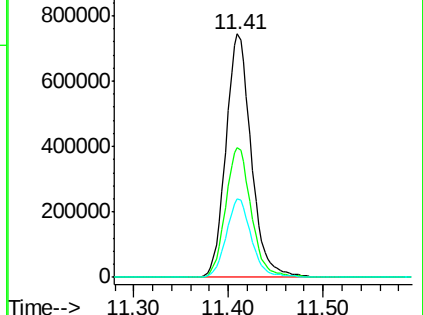
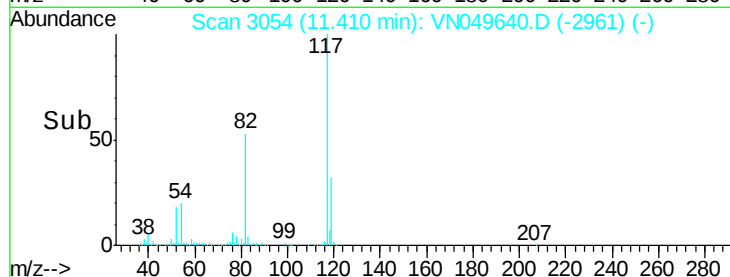
119 32.0 25.5 38.3



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: 31.45 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Tgt Ion:164 Resp: 588437

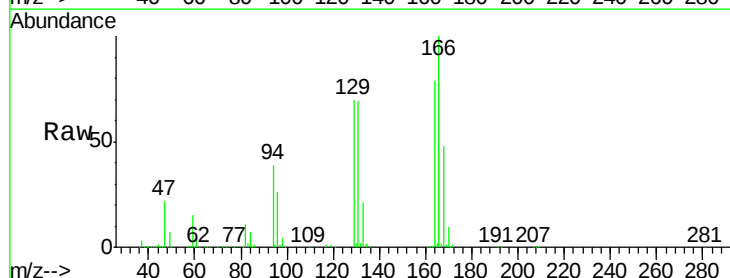
Ion Ratio Lower Upper

164 100

166 127.4 101.4 152.2

129 89.6 74.1 111.1

131 87.5 73.7 110.5

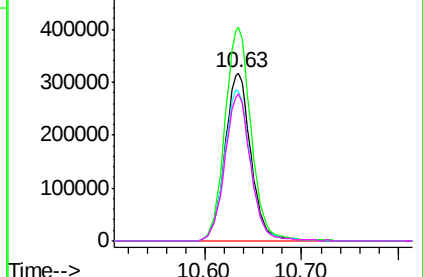
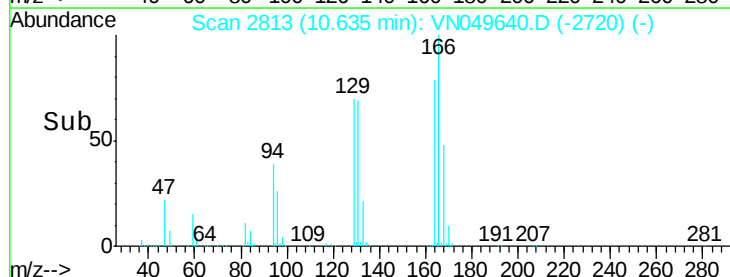


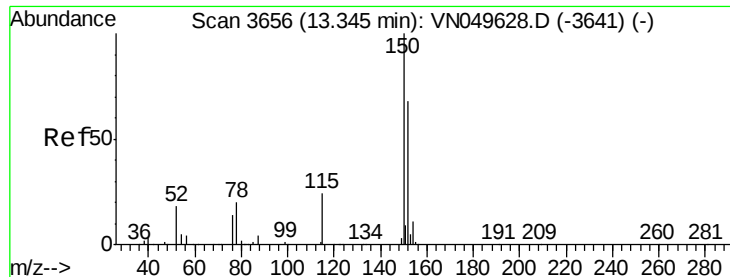
Abundance Ion 163.80 (163.50 to 164.50): V

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :

MSVOA_N

ClientSampled :

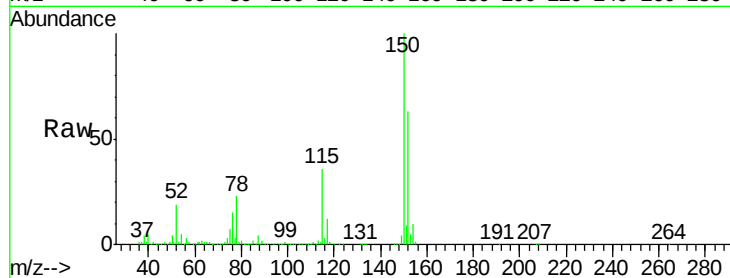
Tot Ion:152 Resp: 506519

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

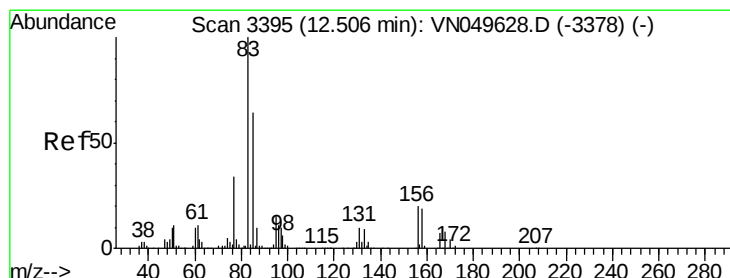
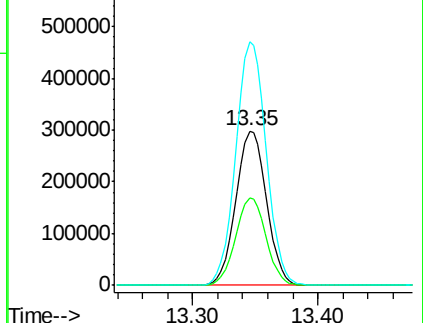
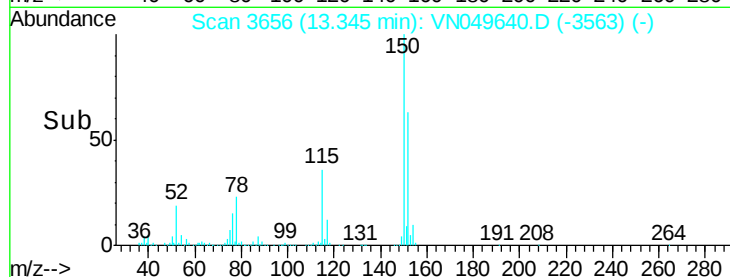
150 156.8 0.0 351.0



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: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

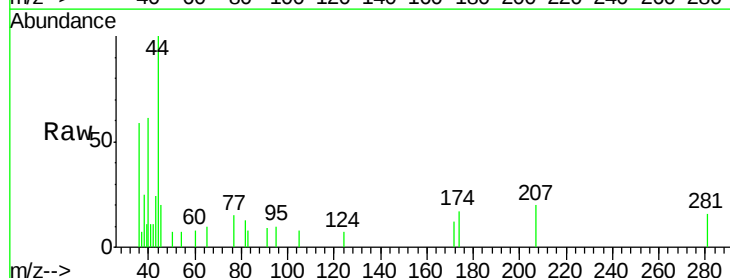
Tgt Ion: 83 Resp: 125

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

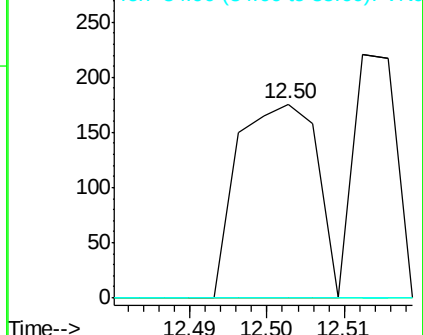
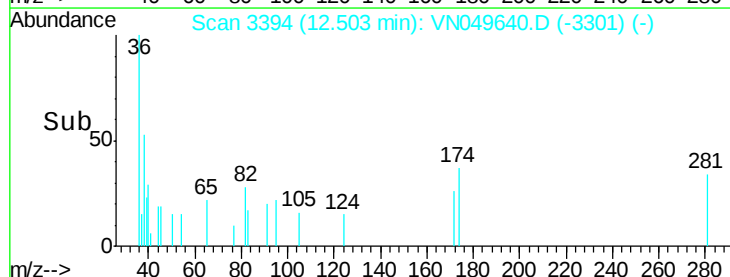
85 0.0 32.0 96.0#

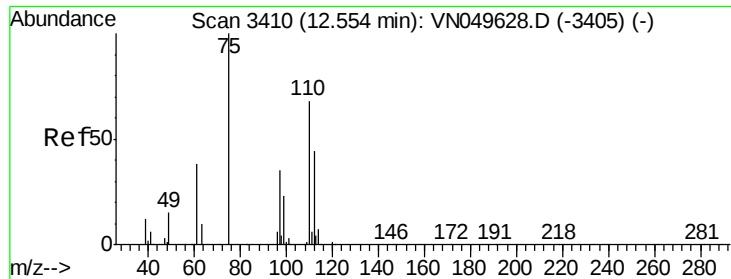


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 38.49 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :

MSVOA_N

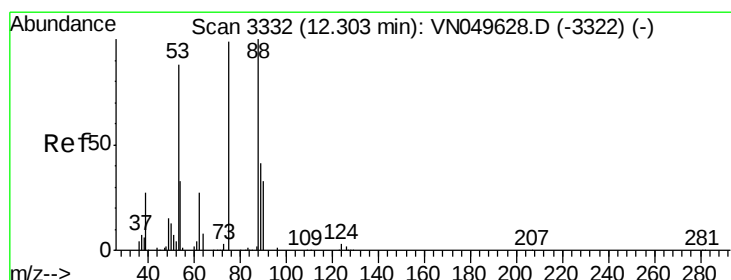
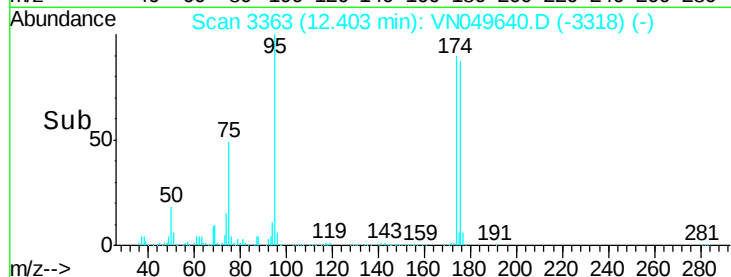
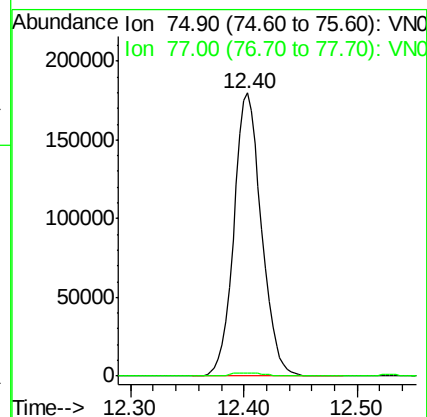
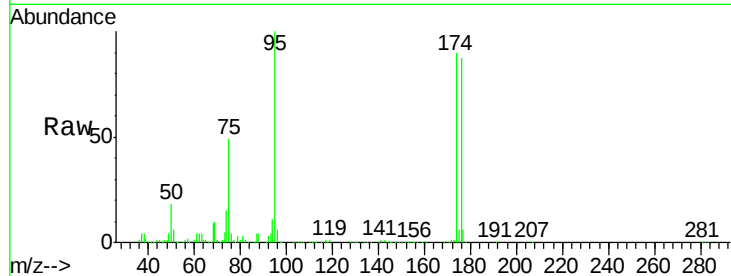
ClientSampled :

Tot Ion: 75 Resp: 304455

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.29 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

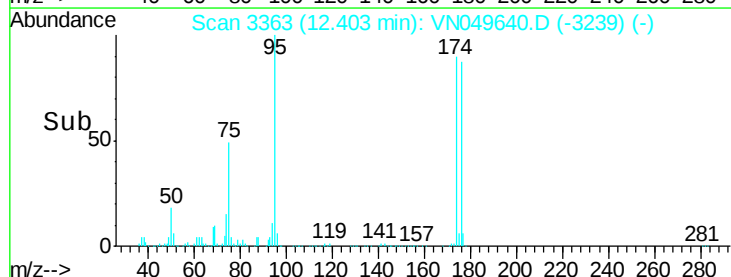
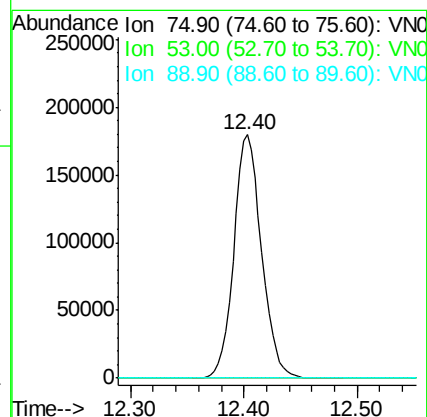
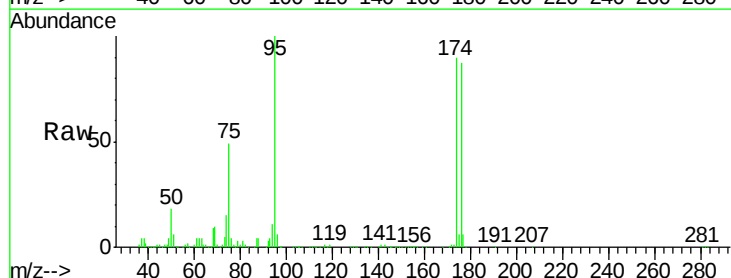
Tgt Ion: 75 Resp: 304455

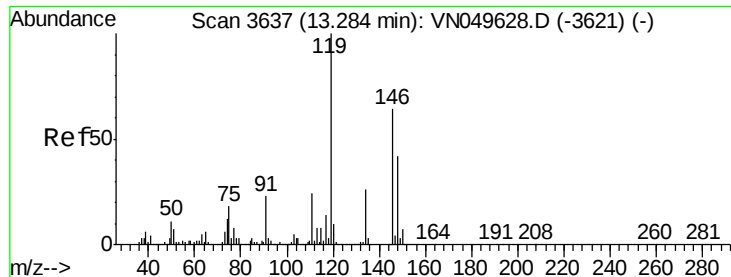
Ion Ratio Lower Upper

75 100

53 0.1 82.7 124.1#

89 0.0 36.5 54.7#

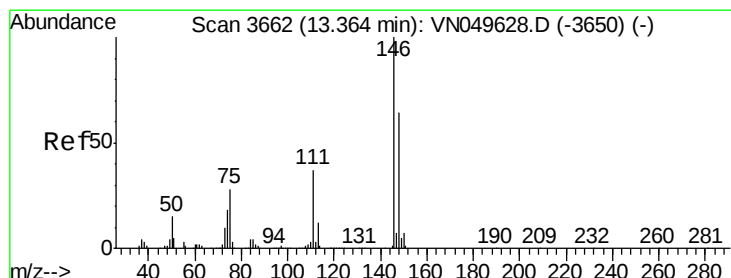
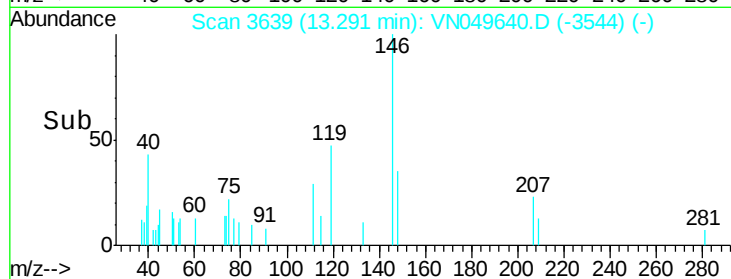
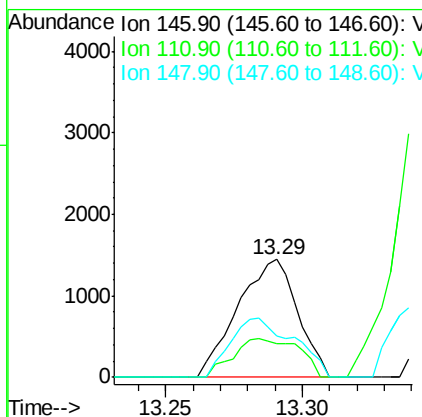
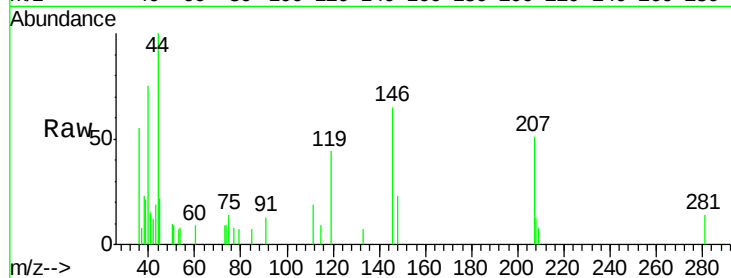




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.01 min
 Lab File: VN049640.D
 Acq: 29 Jun 2018 19:06

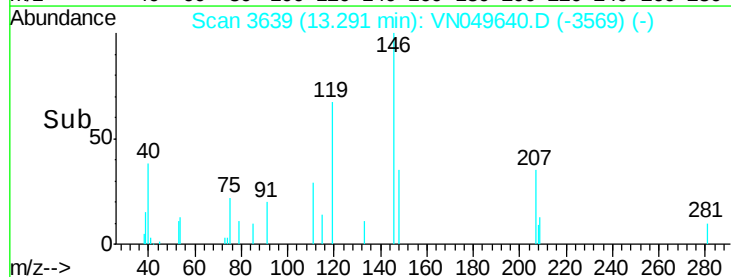
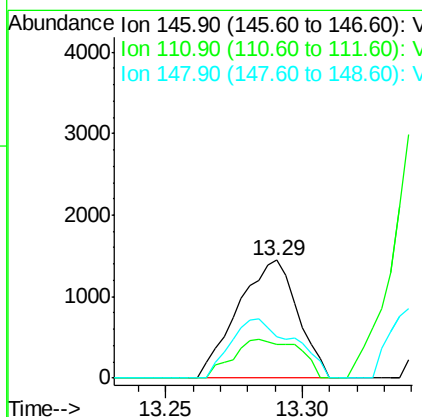
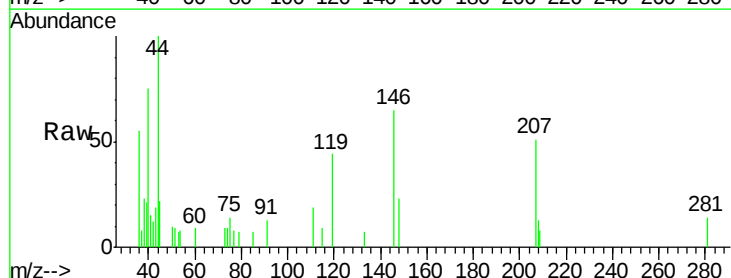
Instrument :
 MSVOA_N
 ClientSampled :

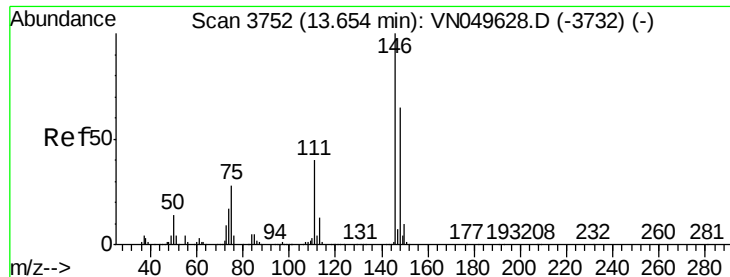
Tot Ion:146 Resp: 2198
 Ion Ratio Lower Upper
 146 100
 111 36.4 19.9 59.6
 148 53.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.08 min
 Lab File: VN049640.D
 Acq: 29 Jun 2018 19:06

Tgt Ion:146 Resp: 2198
 Ion Ratio Lower Upper
 146 100
 111 36.4 19.1 57.1
 148 53.3 32.0 96.2





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

Instrument :

MSVOA_N

ClientSampled :

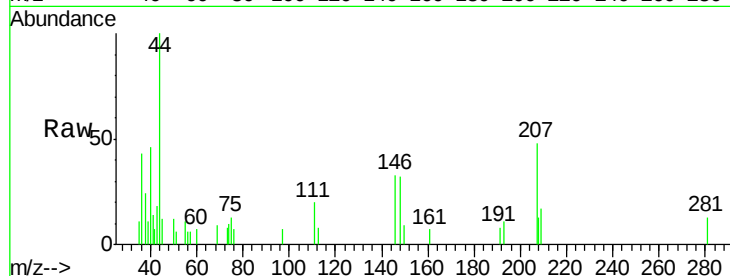
Tot Ion:146 Resp: 1757

Ion Ratio Lower Upper

146 100

111 47.0 20.8 62.2

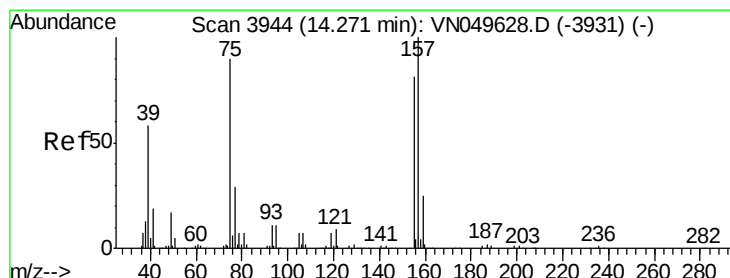
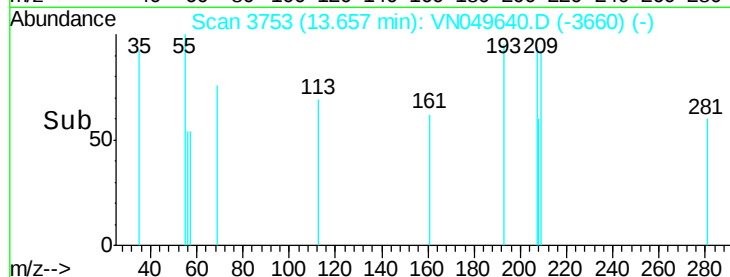
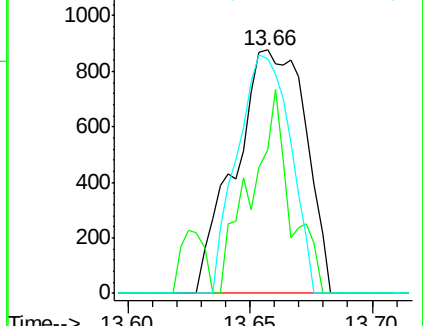
148 74.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049640.D

Acq: 29 Jun 2018 19:06

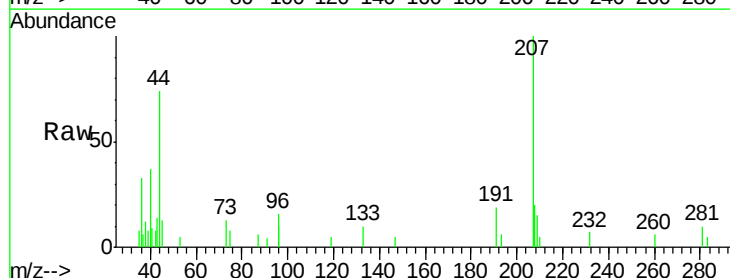
Tgt Ion: 75 Resp: 141

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

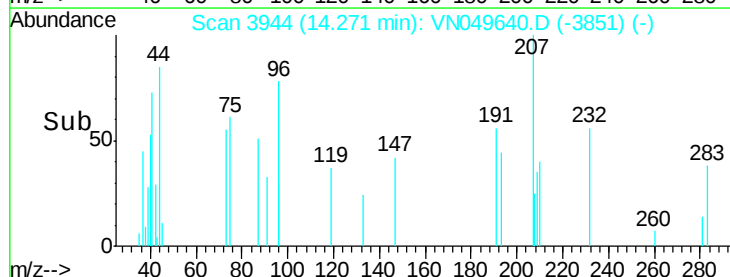
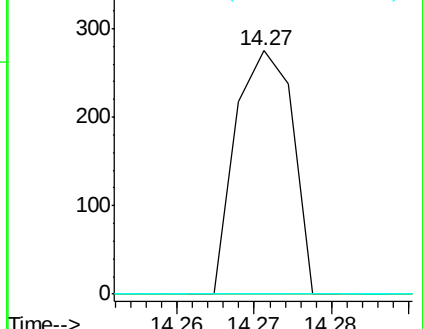
157 0.0 51.0 153.1#

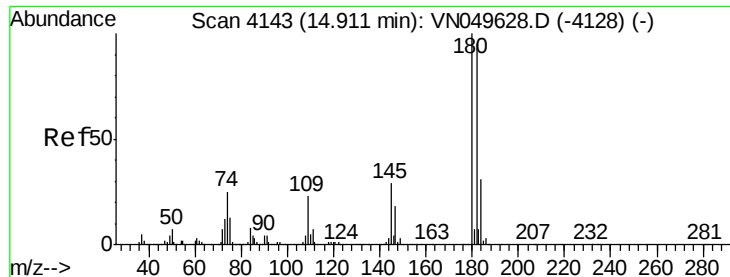


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

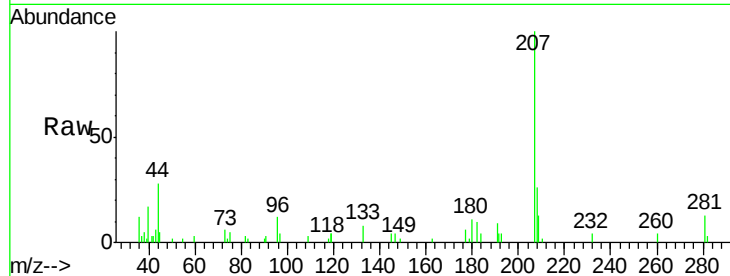




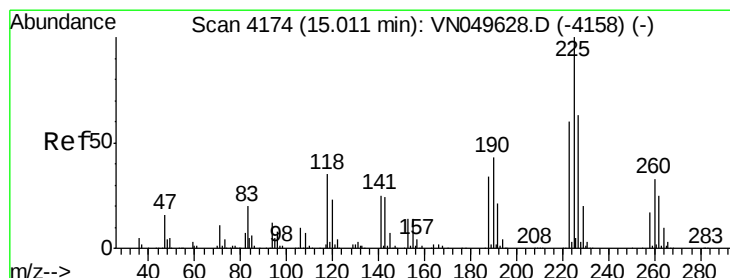
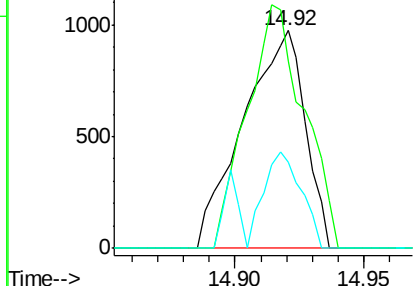
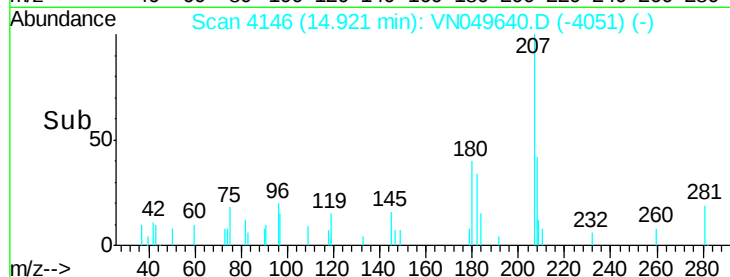
#93
 1,2,4-Trichlorobenzene
 Concen: 2.57 ug/l
 RT: 14.92 min Scan# 4146
 Delta R.T. 0.01 min
 Lab File: VN049640.D
 Acq: 29 Jun 2018 19:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 1632
 Ion Ratio Lower Upper
 180 100
 182 102.8 46.9 140.8
 145 27.1 14.7 44.1

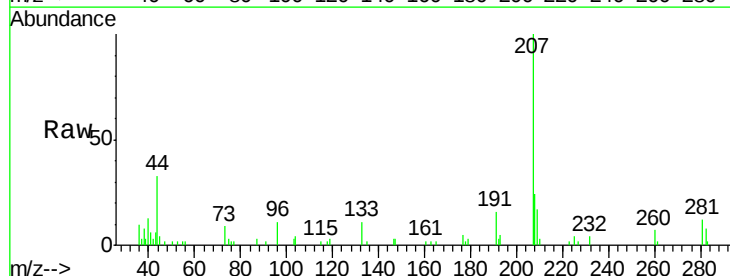


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

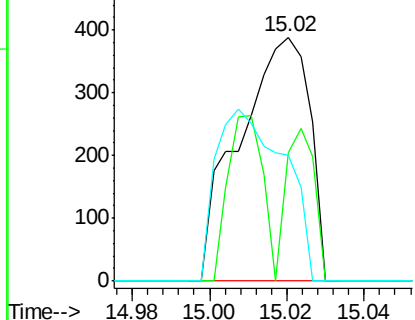
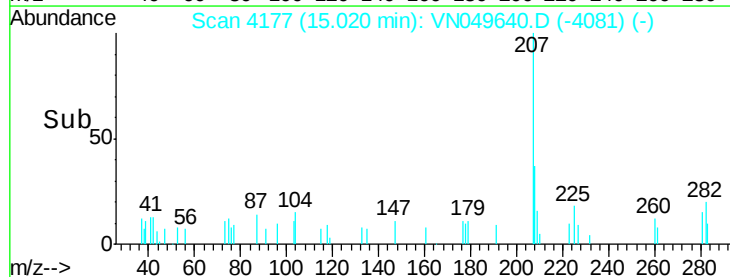


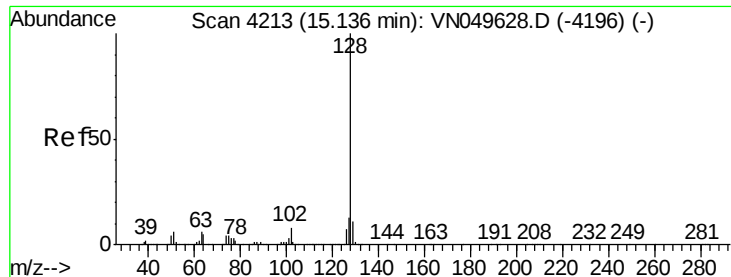
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.02 min Scan# 4177
 Delta R.T. 0.01 min
 Lab File: VN049640.D
 Acq: 29 Jun 2018 19:06

Tgt Ion:225 Resp: 492
 Ion Ratio Lower Upper
 225 100
 223 25.4 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

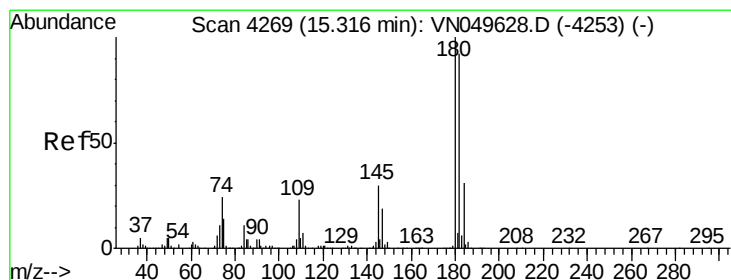
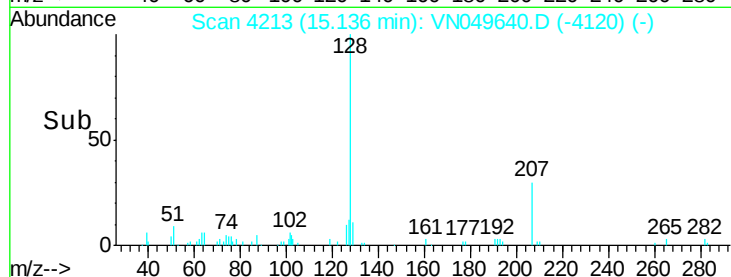
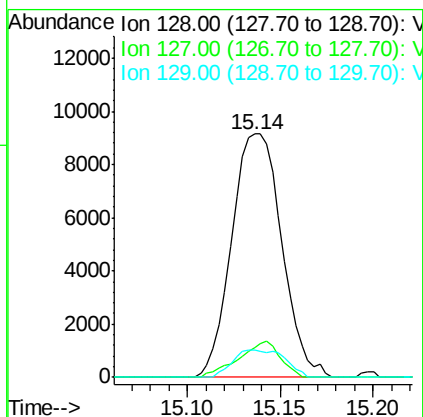
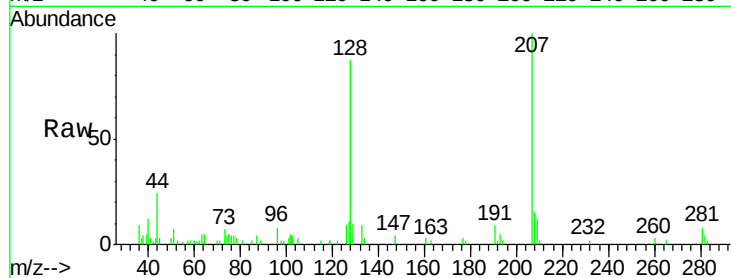




#95
Naphthalene
Concen: 3.49 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 17131
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 11.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 1.84 ug/l
RT: 15.32 min Scan# 4271
Delta R.T. 0.00 min
Lab File: VN049640.D
Acq: 29 Jun 2018 19:06

Tgt Ion:180 Resp: 1790
Ion Ratio Lower Upper
180 100
182 80.8 47.3 141.8
145 18.2 15.6 46.7

