

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049641.D
 Acq On : 29 Jun 2018 19:32
 Operator : MD\SY
 Sample : J3612-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 01:22:10 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	1105194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1786035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1513963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	557590	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	749729	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
35) Dibromofluoromethane	7.59	113	31392	2.35	ug/l	0.00
Spiked Amount			Recovery	=	4.70%	
50) Toluene-d8	10.09	98	2442716	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.40	95	695943	39.00	ug/l	0.00
Spiked Amount			Recovery	=	78.00%	

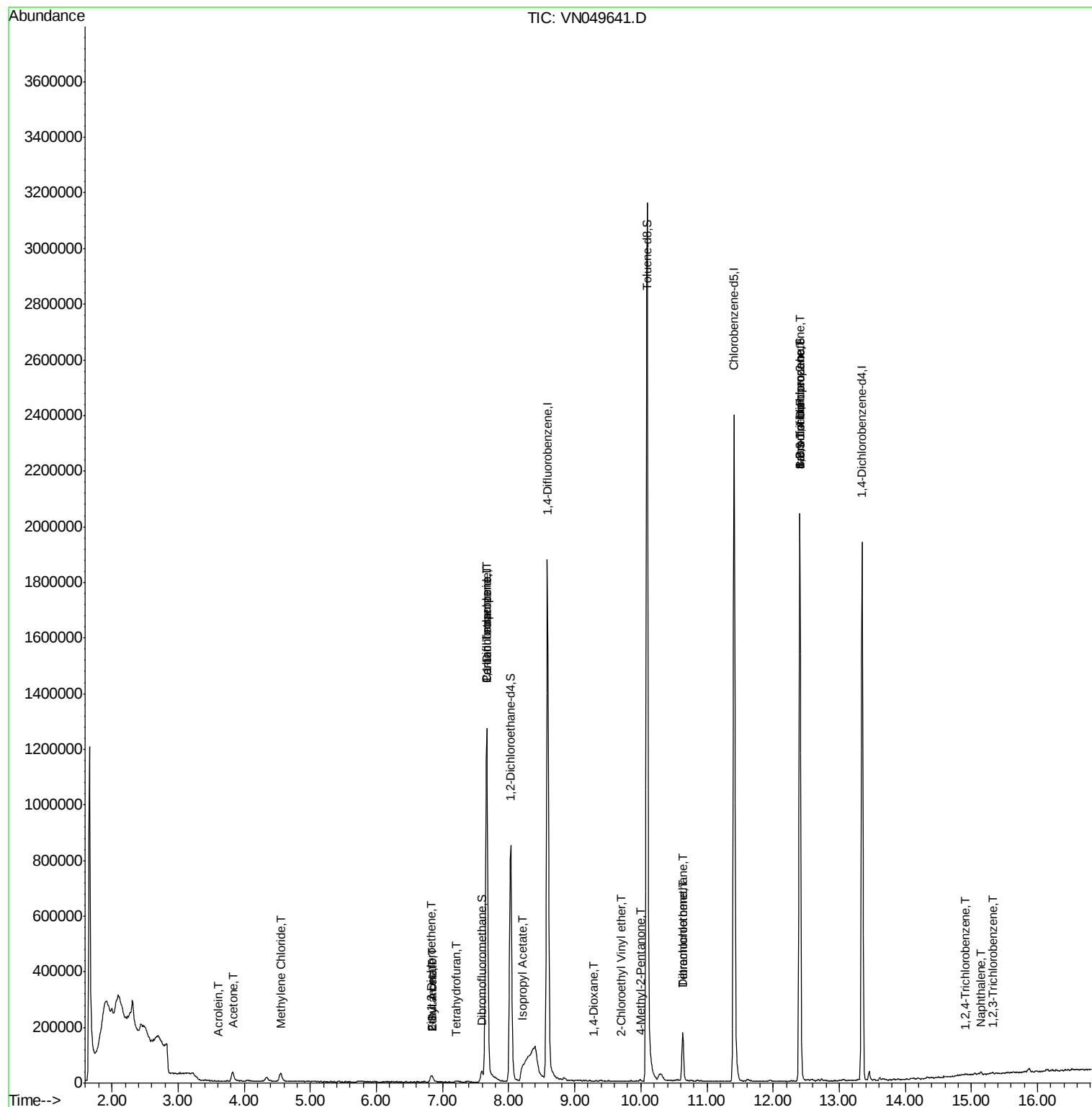
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	714	0.91	ug/l	# 1
16) Acetone	3.82	43	59083	17.35	ug/l	94
17) Carbon Disulfide	4.05	76	4627	Below	Cal	100
18) Methyl Acetate	4.34	43	26508	Below	Cal	92
20) Methylene Chloride	4.55	84	21411	1.42	ug/l	88
25) 2-Butanone	6.85	43	9228	1.90	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	7175	0.48	ug/l	86
29) Tetrahydrofuran	7.21	42	1561	0.51	ug/l	# 59
36) 1,1-Dichloropropene	7.67	75	75787	3.77	ug/l	# 50
37) Ethyl Acetate	6.85	43	9228	0.79	ug/l	# 70
38) Carbon Tetrachloride	7.67	117	101881	5.21	ug/l	# 16
43) Isopropyl Acetate	8.21	43	42048	1.24	ug/l	# 64
49) 1,4-Dioxane	9.28	88	59	0.42	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.99	43	3868	0.34	ug/l	# 76
58) 2-Chloroethyl Vinyl ether	9.70	63	274	13.23	ug/l	# 51
60) Dibromochloromethane	10.63	129	36005	2.41	ug/l	# 10
64) Tetrachloroethene	10.63	164	45389	2.21	ug/l	96
71) Bromoform	12.40	173	3355	0.36	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.43	83	102	Below	Cal	# 26
76) 1,2,3-Trichloropropane	12.40	75	337535	38.77	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	337535	128.20	ug/l	# 9
87) 1,3-Dichlorobenzene	13.28	146	1488	Below	Cal	80
88) 1,4-Dichlorobenzene	13.28	146	1488	Below	Cal	81
91) 1,2-Dichlorobenzene	13.66	146	1192	Below	Cal	79
92) 1,2-Dibromo-3-Chloropropan	14.26	75	69	Below	Cal	# 4
93) 1,2,4-Trichlorobenzene	14.92	180	1276	2.52	ug/l	80
94) Hexachlorobutadiene	15.01	225	175	Below	Cal	# 35
95) Naphthalene	15.14	128	8122	3.00	ug/l	# 95
96) 1,2,3-Trichlorobenzene	15.32	180	662	1.71	ug/l	# 44

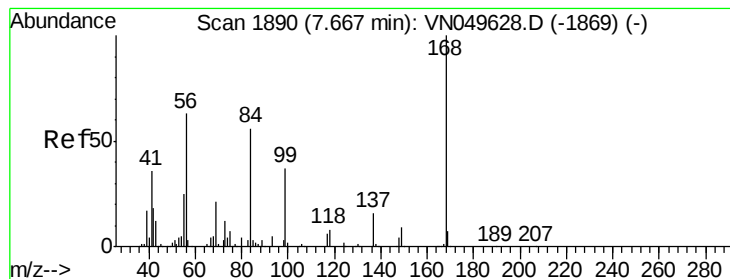
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062918\
Data File : VN049641.D
Acq On : 29 Jun 2018 19:32
Operator : MD\SY
Sample : J3612-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 30 01:22:10 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: VN049641.D

Acq: 29 Jun 2018 19:32

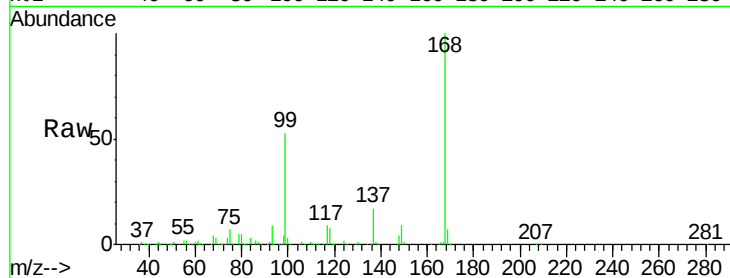
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1105194

Ion Ratio Lower Upper

168 100

99 53.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

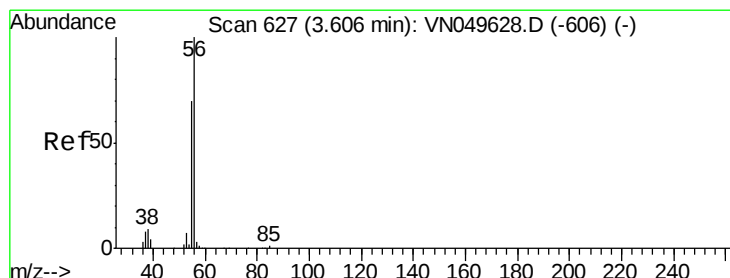
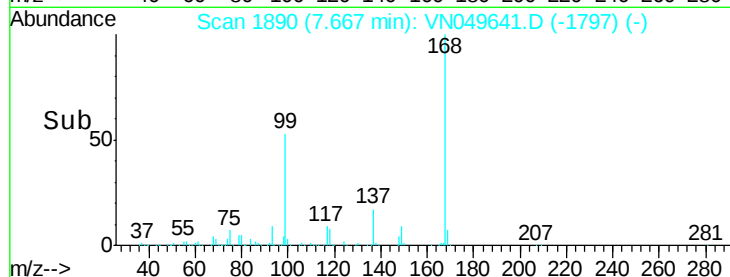
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.91 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049641.D

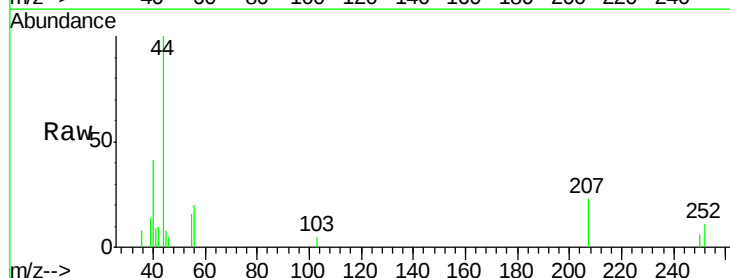
Acq: 29 Jun 2018 19:32

Tgt Ion: 56 Resp: 714

Ion Ratio Lower Upper

56 100

55 176.3 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

800

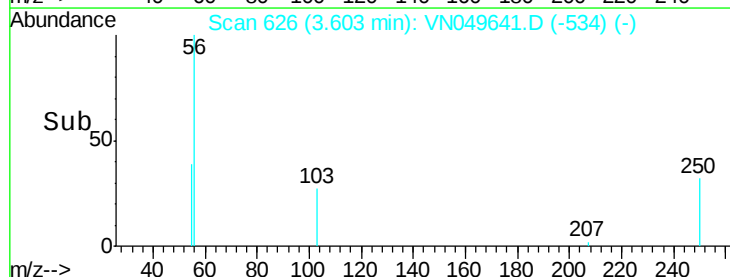
600

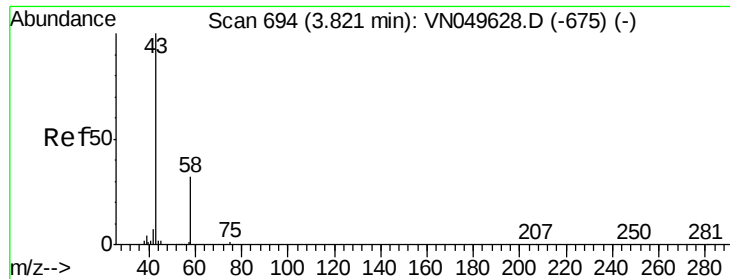
400

200

0

Time-->





#16

Acetone

Concen: 17.35 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

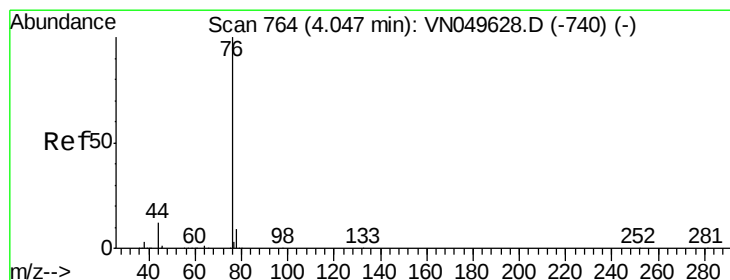
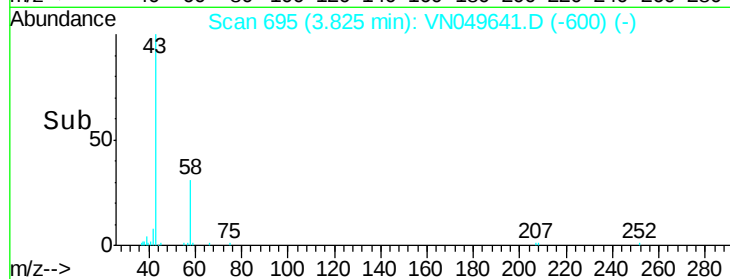
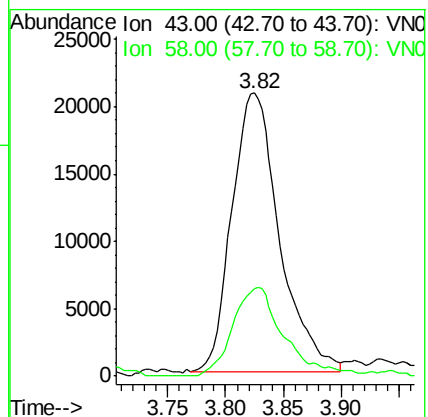
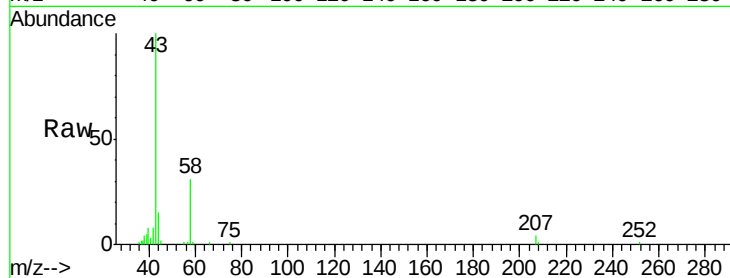
ClientSampleId :

Tot Ion: 43 Resp: 59083

Ion Ratio Lower Upper

43 100

58 31.3 22.4 33.6



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049641.D

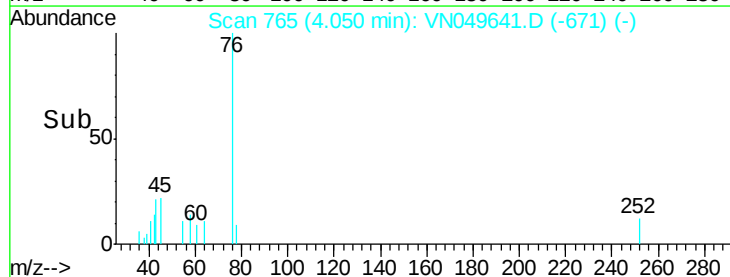
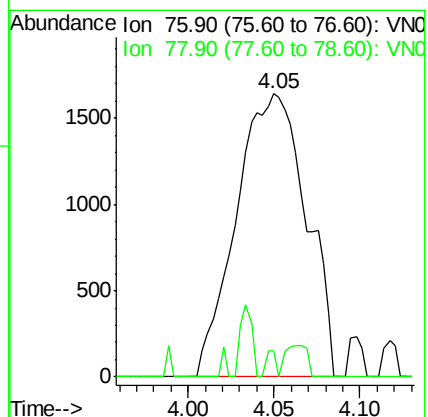
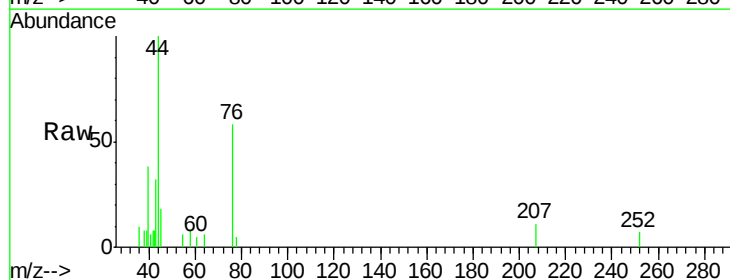
Acq: 29 Jun 2018 19:32

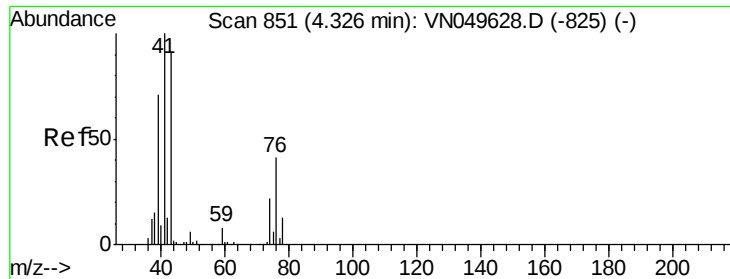
Tgt Ion: 76 Resp: 4627

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

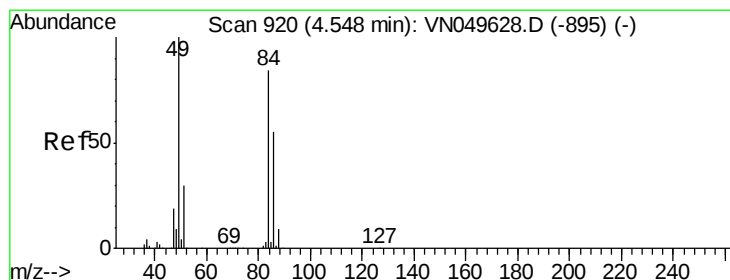
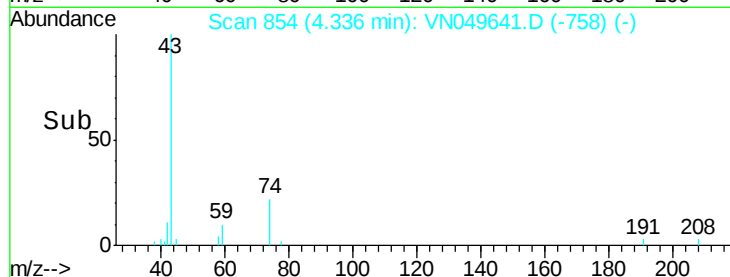
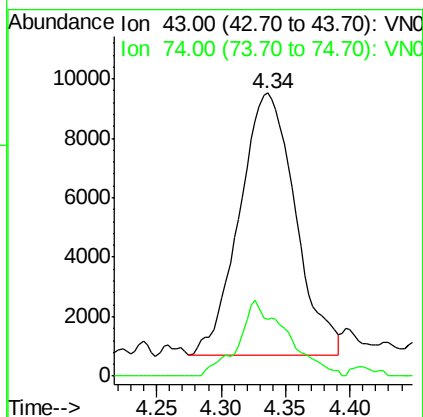
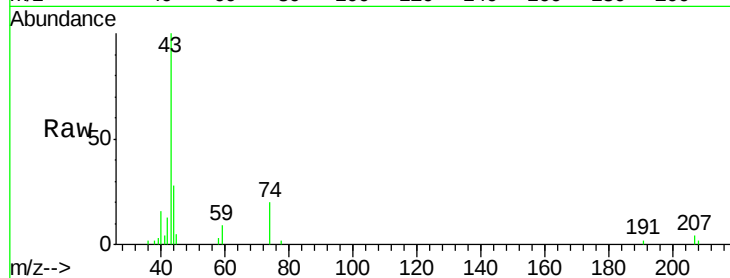




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049641.D
Acq: 29 Jun 2018 19:32

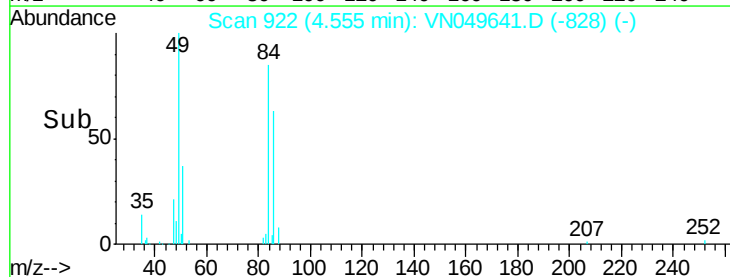
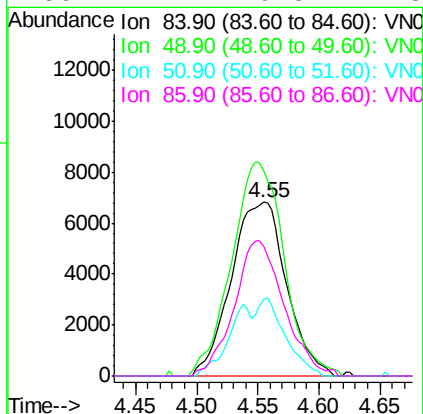
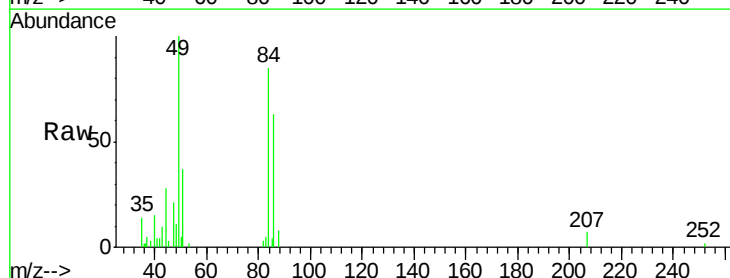
Instrument :
MSVOA_N
ClientSampled :

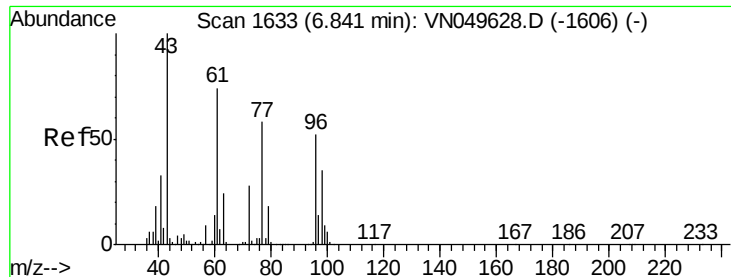
Tot Ion: 43 Resp: 26508
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0



#20
Methylene Chloride
Concen: 1.42 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049641.D
Acq: 29 Jun 2018 19:32

Tgt Ion: 84 Resp: 21411
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 44.1 32.7 49.1
86 74.7 49.8 74.8





#25

2-Butanone

Concen: 1.90 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

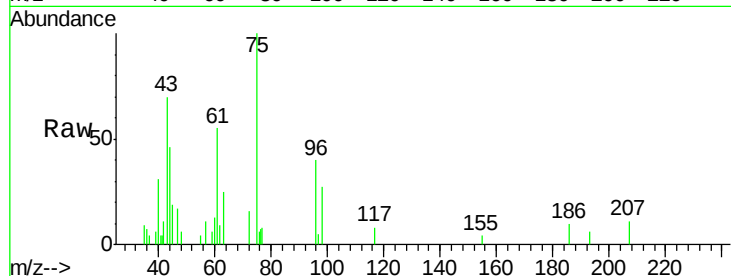
ClientSampleId :

Tot Ion: 43 Resp: 9228

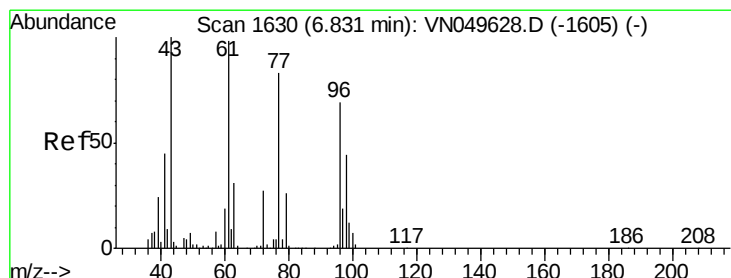
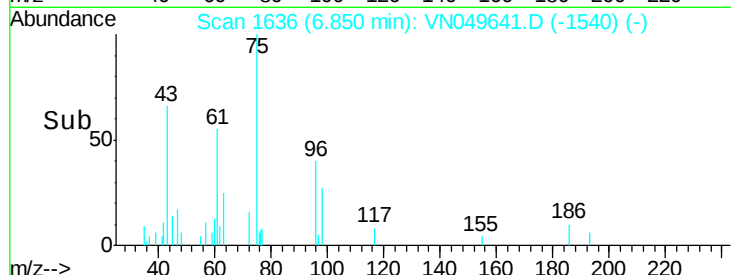
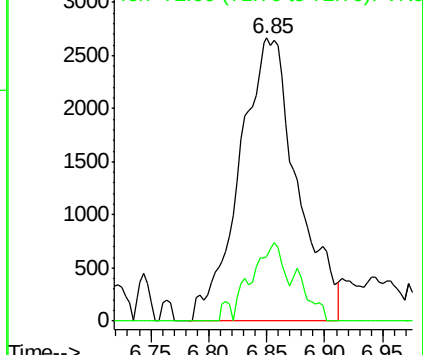
Ion Ratio Lower Upper

43 100

72 22.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049641.D (-1540) (-)



#27

cis-1,2-Dichloroethene

Concen: 0.48 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

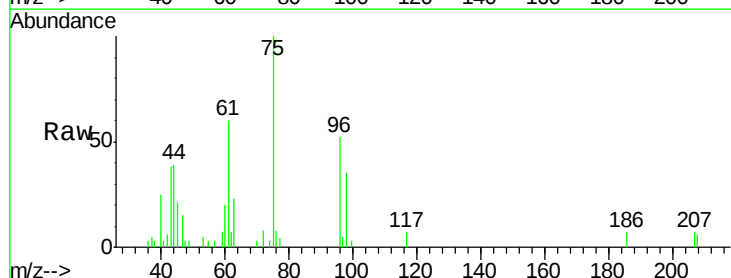
Tgt Ion: 96 Resp: 7175

Ion Ratio Lower Upper

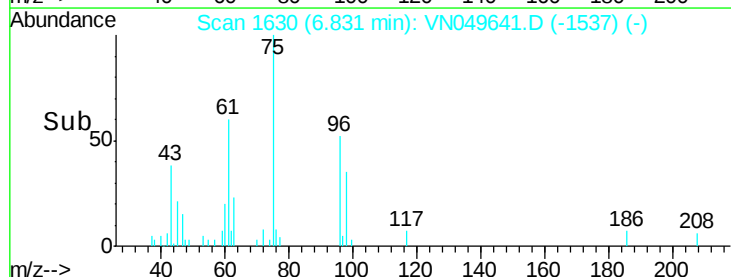
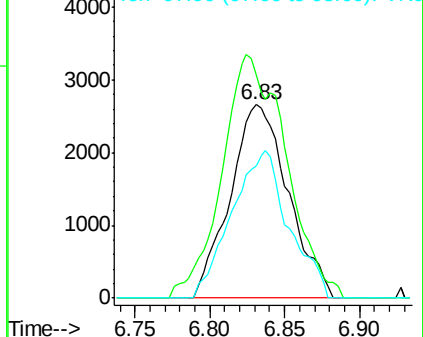
96 100

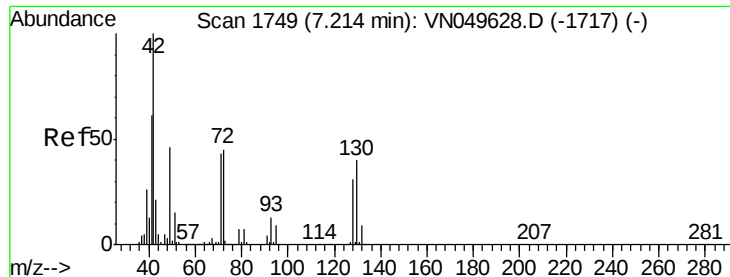
61 138.7 0.0 316.4

98 74.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049641.D (-1537) (-)

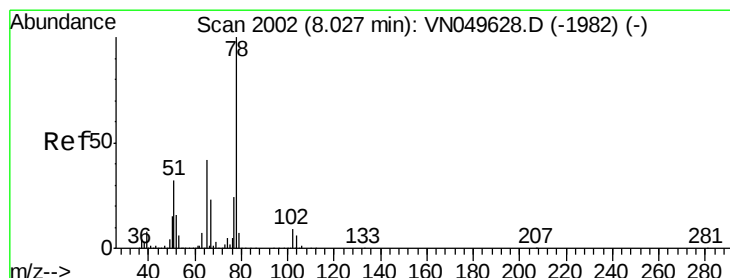
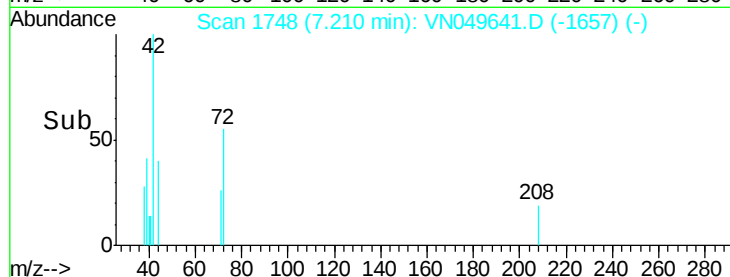
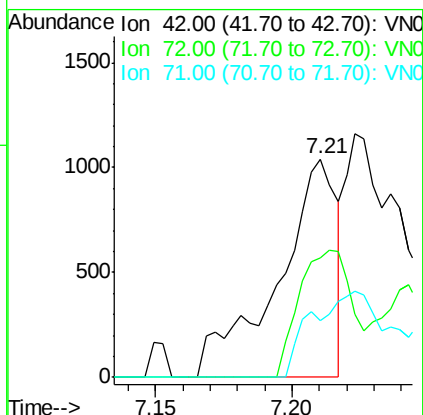
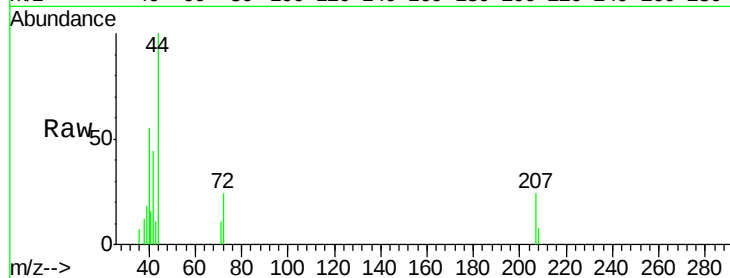




#29
Tetrahydrofuran
Concen: 0.51 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN049641.D
Acq: 29 Jun 2018 19:32

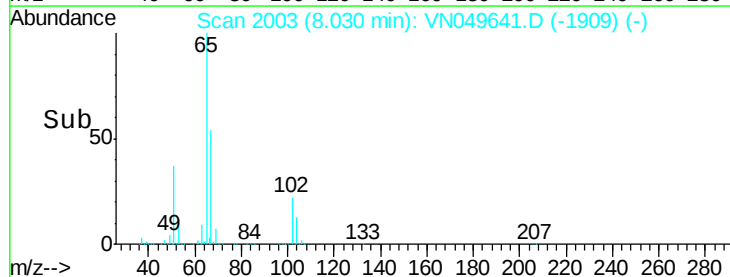
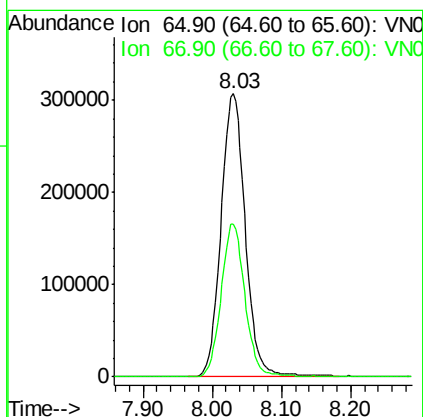
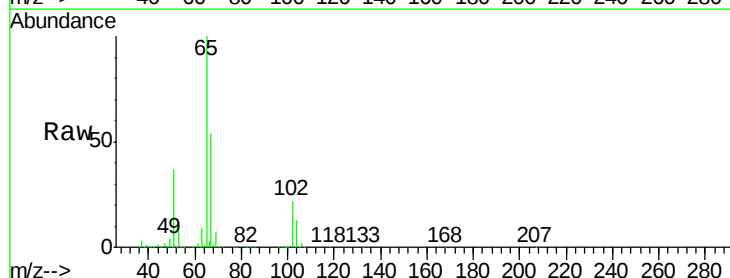
Instrument :
MSVOA_N
ClientSampled :

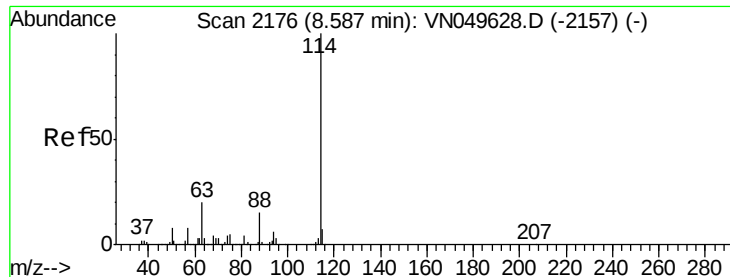
Tot Ion: 42 Resp: 1561
Ion Ratio Lower Upper
42 100
72 52.6 32.2 48.4#
71 0.0 30.5 45.7#



#33
1,2-Dichloroethane-d4
Concen: 51.37 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049641.D
Acq: 29 Jun 2018 19:32

Tgt Ion: 65 Resp: 749729
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: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampled :

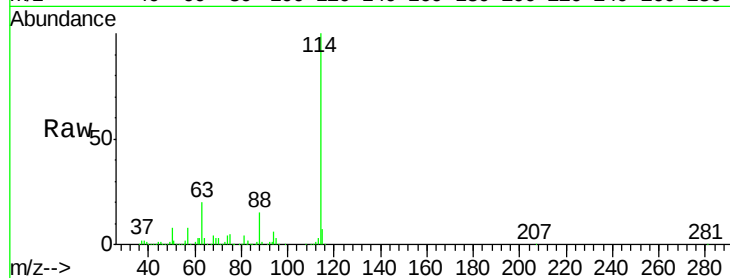
Tot Ion:114 Resp: 1786035

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.4

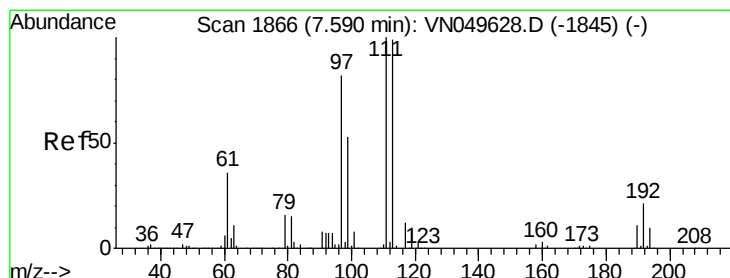
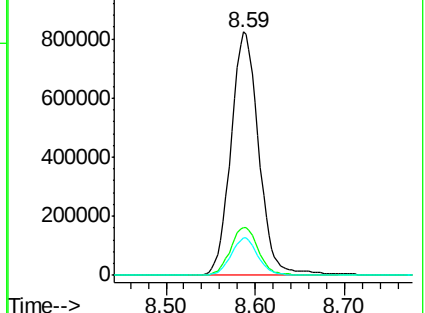
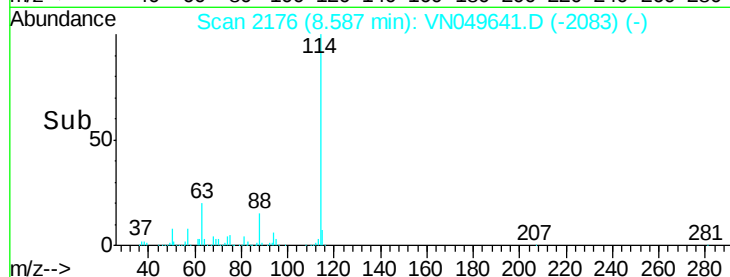
88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 2.35 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

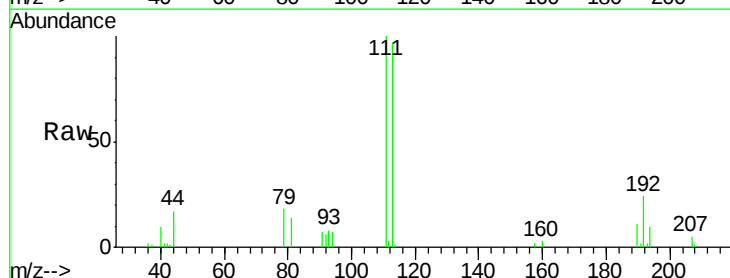
Tgt Ion:113 Resp: 31392

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

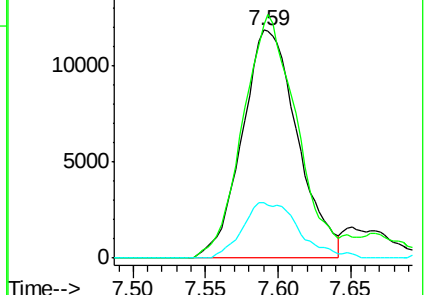
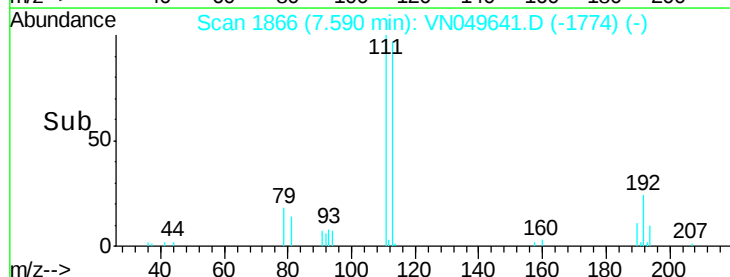
192 25.0 15.0 22.6#

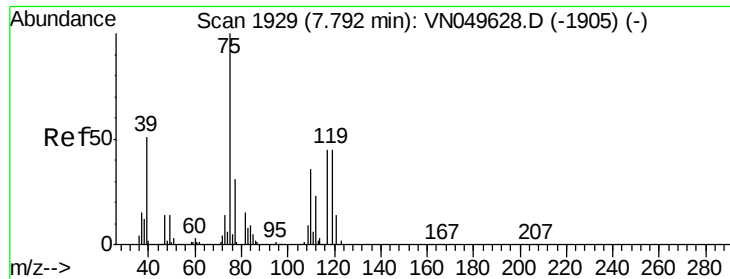


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

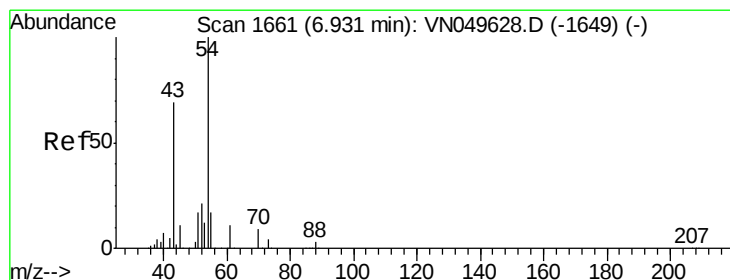
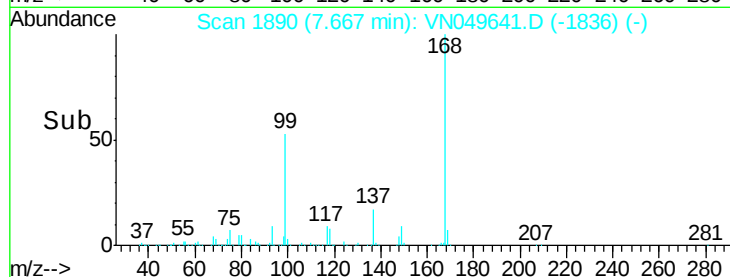
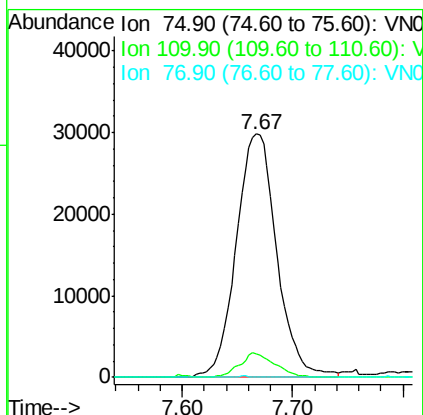
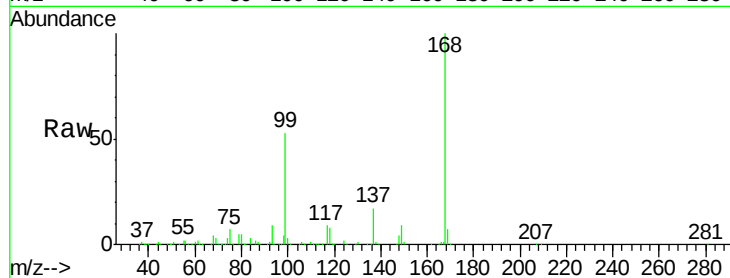




#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049641.D
 Acq: 29 Jun 2018 19:32

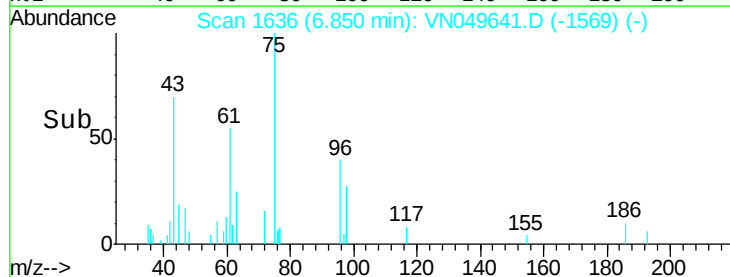
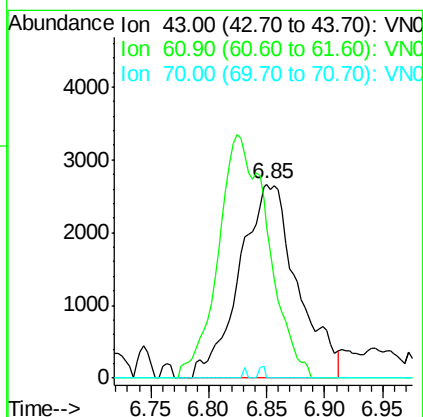
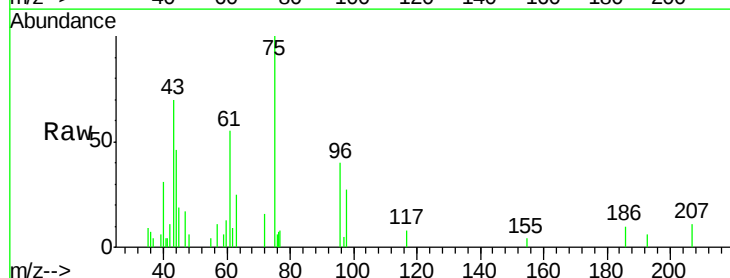
Instrument :
 MSVOA_N
 ClientSampleId :

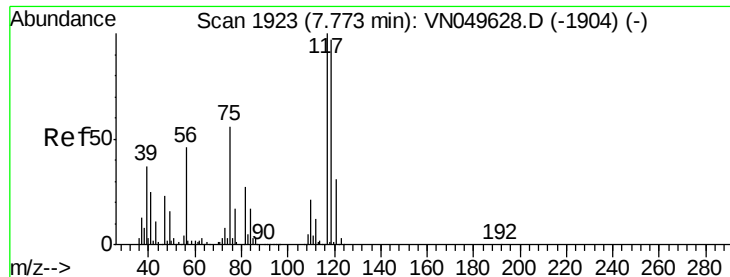
Tot Ion	75	Resp	75787
Ion Ratio	100	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.1	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 0.79 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN049641.D
 Acq: 29 Jun 2018 19:32

Tgt Ion	43	Resp	9228
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.7	7.2	10.8#





#38

Carbon Tetrachloride

Concen: 5.21 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :
MSVOA_N
ClientSampled :

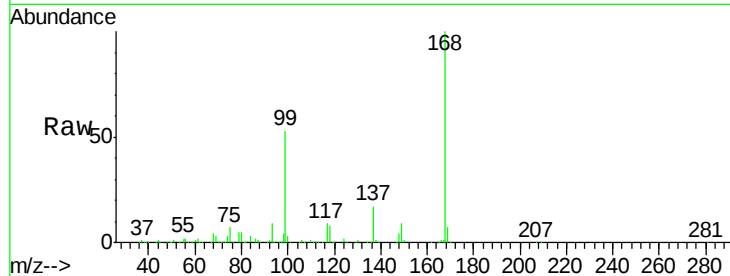
Tot Ion:117 Resp: 101881

Ion Ratio Lower Upper

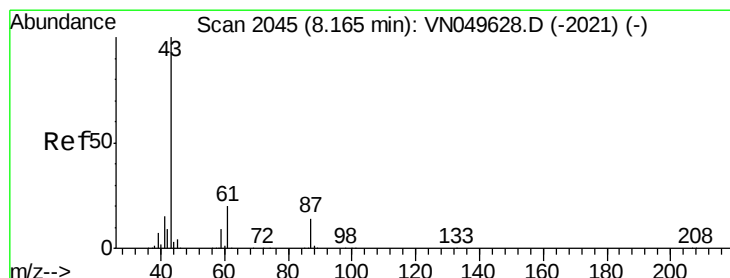
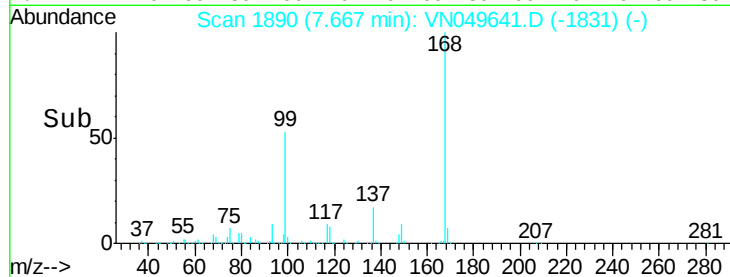
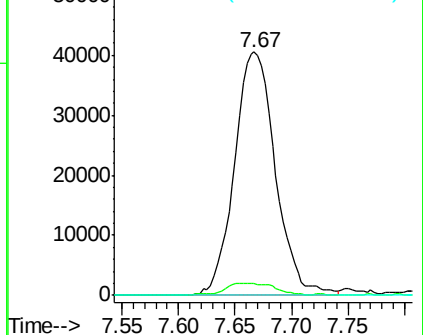
117 100

119 4.8 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: 1.24 ug/l

RT: 8.21 min Scan# 2060

Delta R.T. 0.05 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

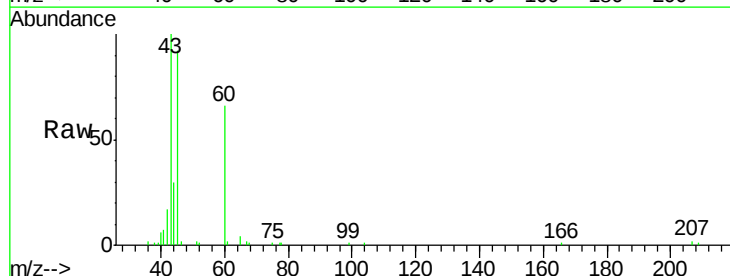
Tgt Ion: 43 Resp: 42048

Ion Ratio Lower Upper

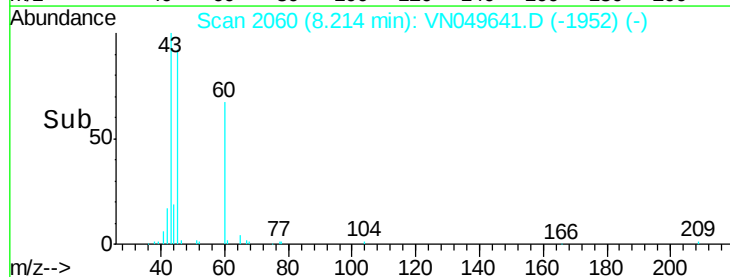
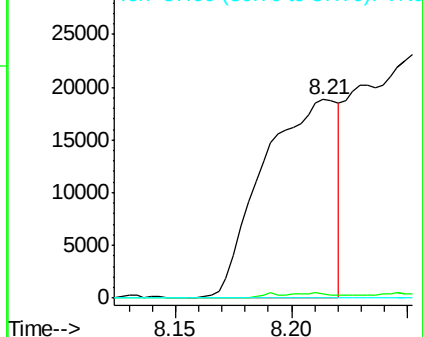
43 100

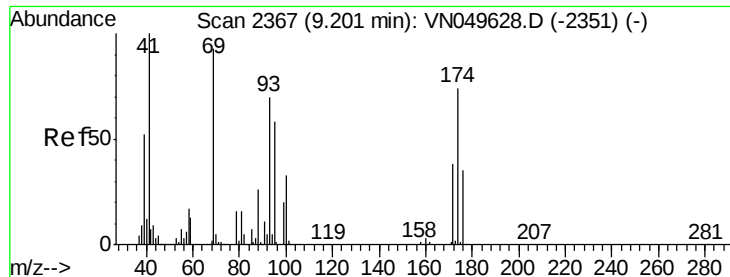
61 0.0 14.2 21.4#

87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

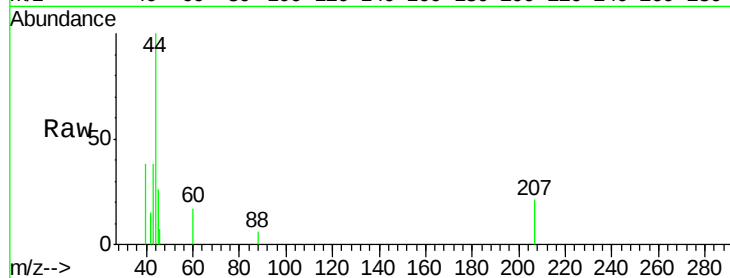




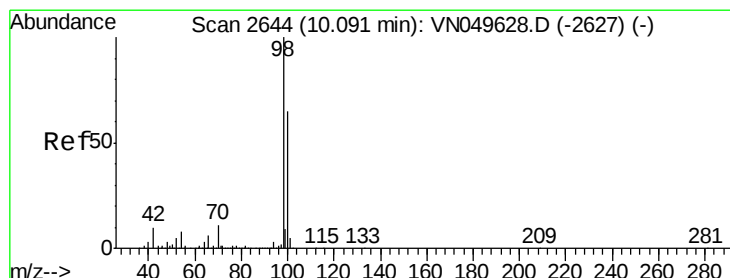
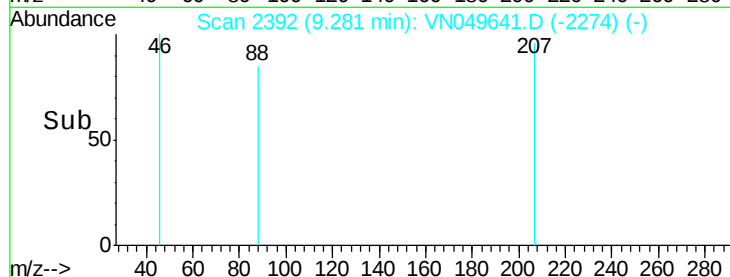
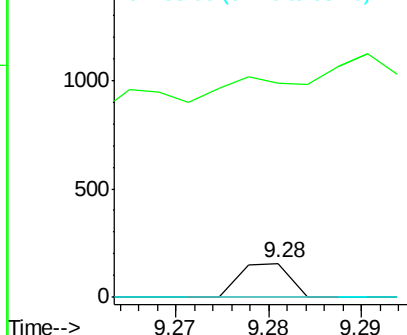
#49
1,4-Dioxane
Concen: 0.42 ug/l
RT: 9.28 min Scan# 2392
Delta R.T. 0.08 min
Lab File: VN049641.D
Acq: 29 Jun 2018 19:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 1133.9 30.9 46.3#
58 0.0 58.9 88.3#

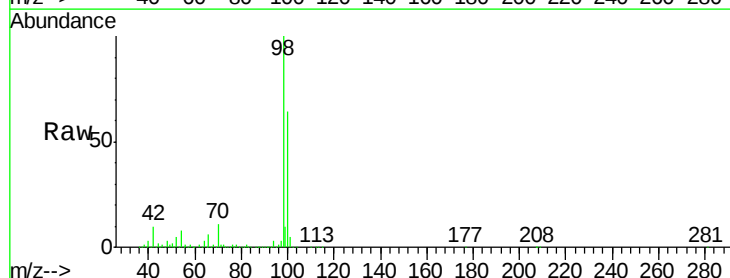


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

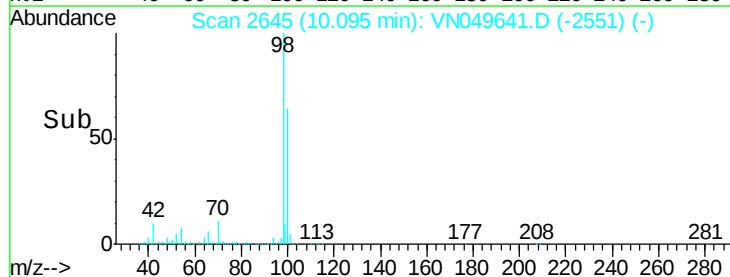
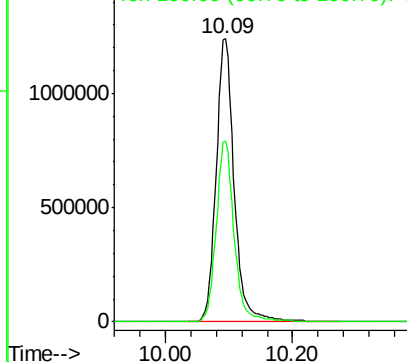


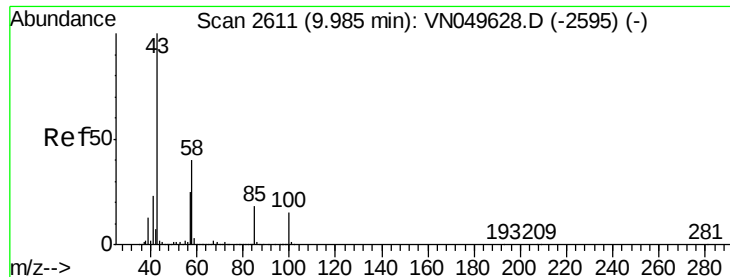
#50
Toluene-d8
Concen: 46.74 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049641.D
Acq: 29 Jun 2018 19:32

Tgt Ion: 98 Resp: 2442716
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

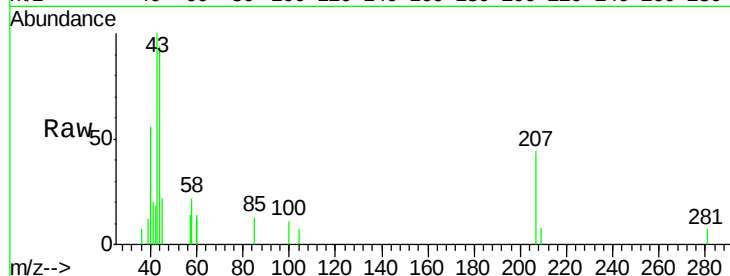
ClientSampled :

Tot Ion: 43 Resp: 3868

Ion Ratio Lower Upper

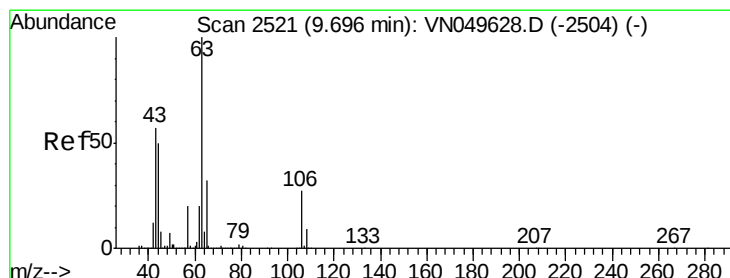
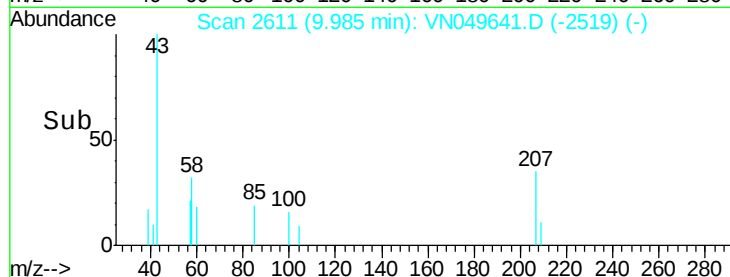
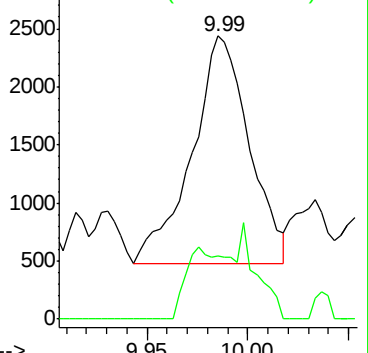
43 100

58 22.4 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2595) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-2595) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 13.23 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049641.D

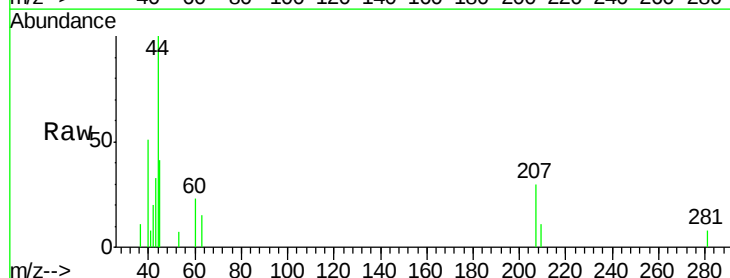
Acq: 29 Jun 2018 19:32

Tgt Ion: 63 Resp: 274

Ion Ratio Lower Upper

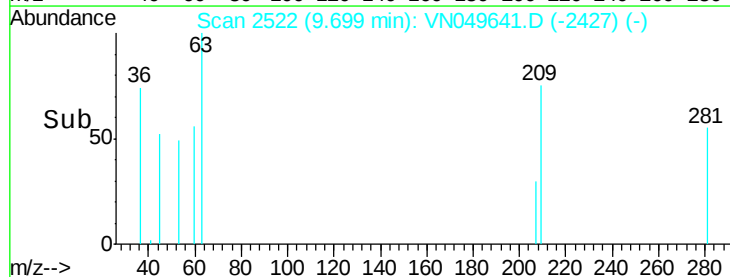
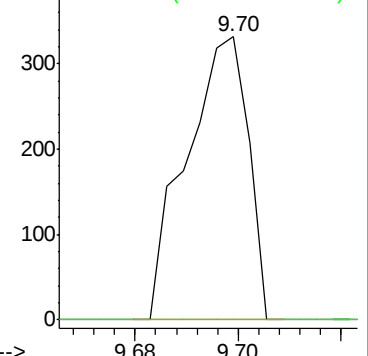
63 100

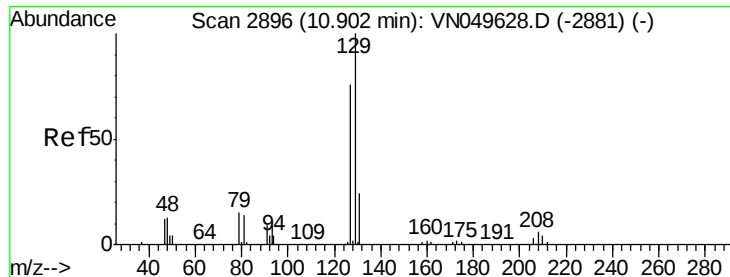
106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-2504) (-)

Ion 105.90 (105.60 to 106.60): VN049628.D (-2504) (-)





#60

Dibromochloromethane

Concen: 2.41 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. -0.27 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

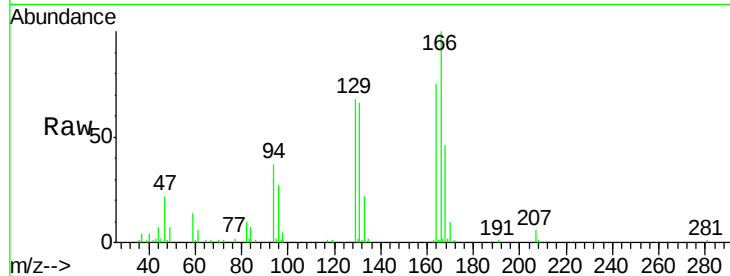
ClientSampleId :

Tot Ion:129 Resp: 36005

Ion Ratio Lower Upper

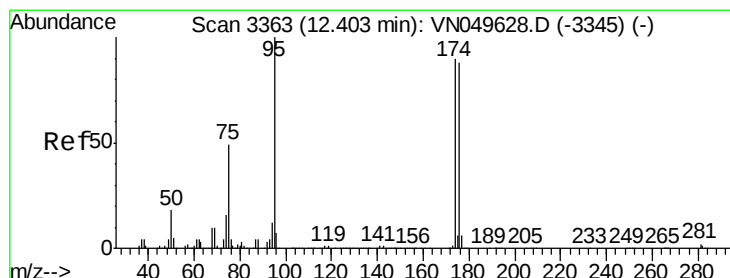
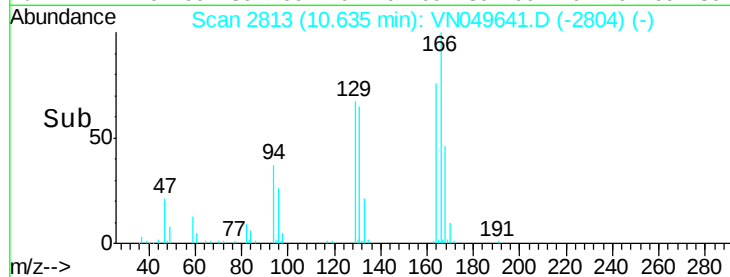
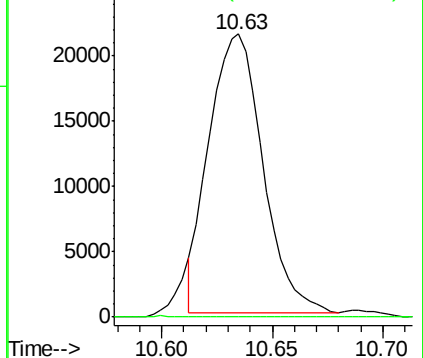
129 100

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: 39.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

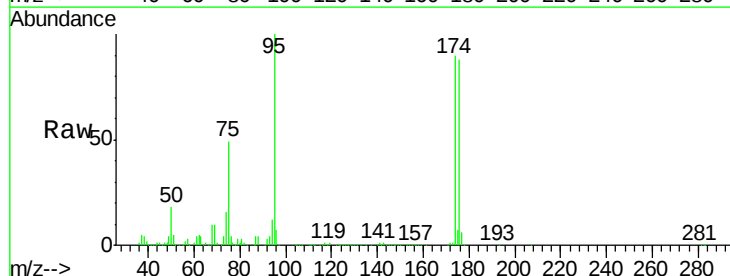
Tgt Ion: 95 Resp: 695943

Ion Ratio Lower Upper

95 100

174 90.9 0.0 165.6

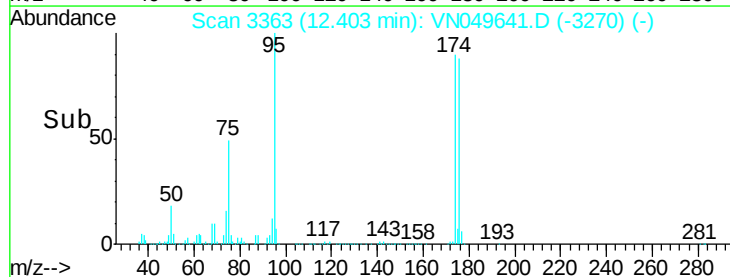
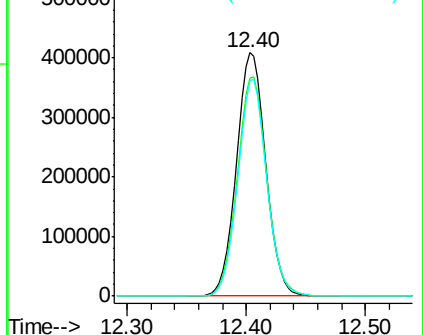
176 88.0 0.0 157.4

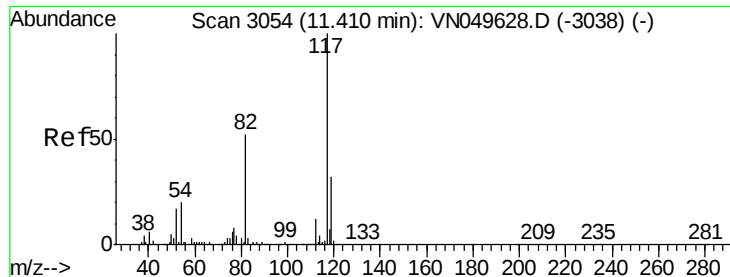


Abundance Ion 94.90 (94.60 to 95.60): V

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: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampleId :

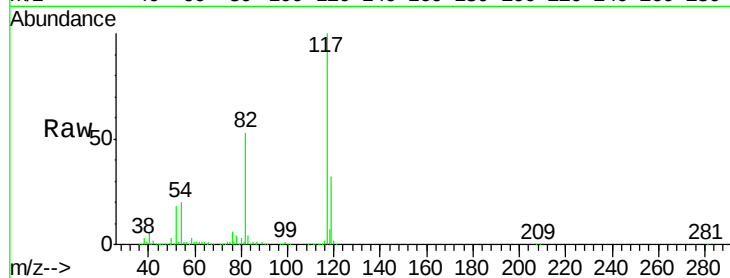
Tot Ion:117 Resp: 1513963

Ion Ratio Lower Upper

117 100

82 53.2 45.9 68.9

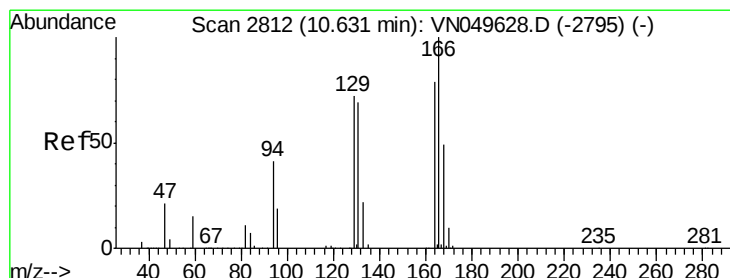
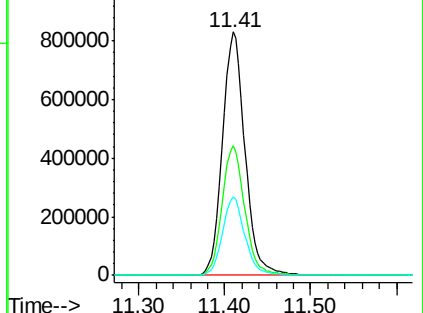
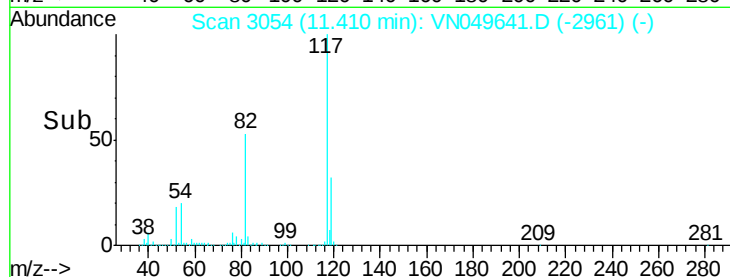
119 32.2 25.5 38.3



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: 2.21 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Tgt Ion:164 Resp: 45389

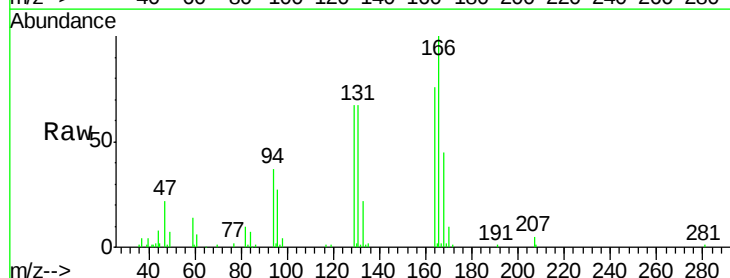
Ion Ratio Lower Upper

164 100

166 131.8 101.4 152.2

129 88.2 74.1 111.1

131 87.8 73.7 110.5

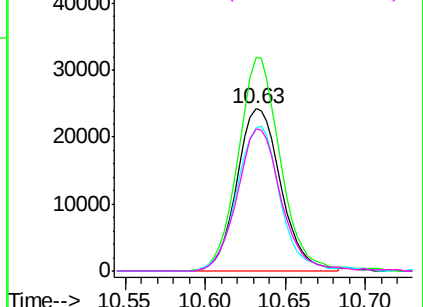
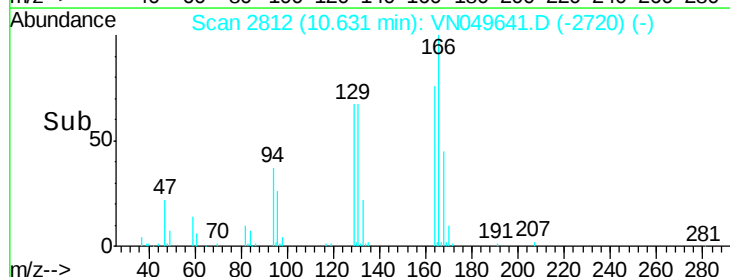


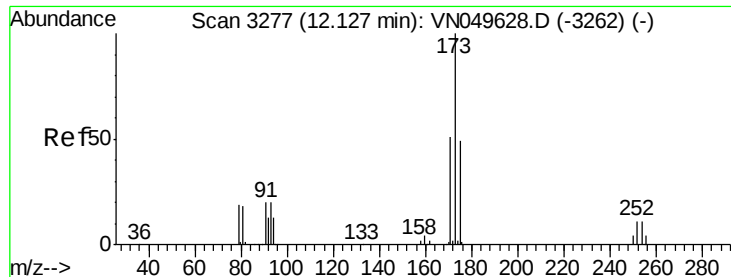
Abundance Ion 163.80 (163.50 to 164.50): V

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





#71

Bromoform

Concen: 0.36 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampleId :

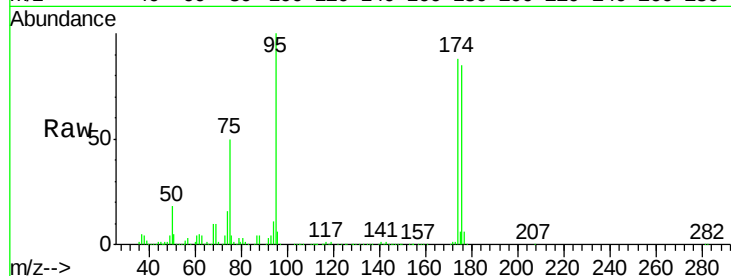
Tot Ion:173 Resp: 3355

Ion Ratio Lower Upper

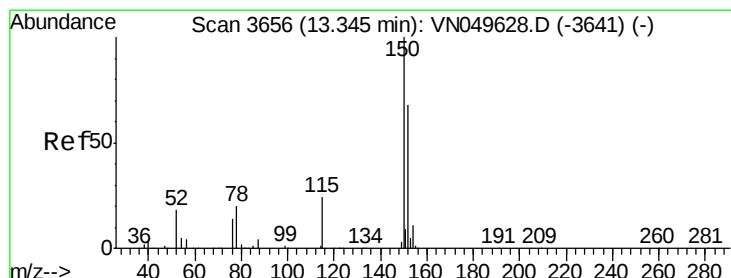
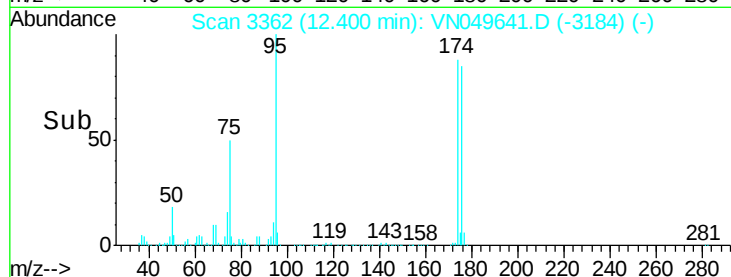
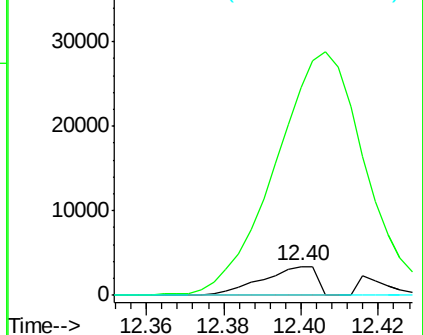
173 100

175 1128.1 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: VN049641.D

Acq: 29 Jun 2018 19:32

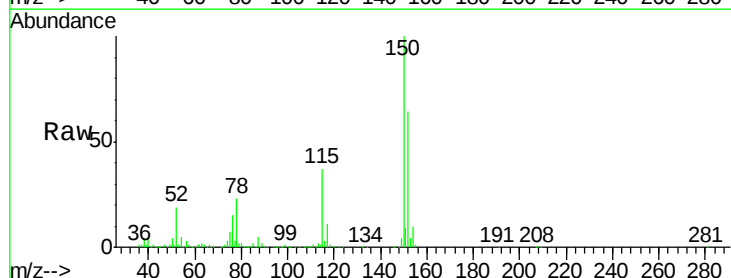
Tgt Ion:152 Resp: 557590

Ion Ratio Lower Upper

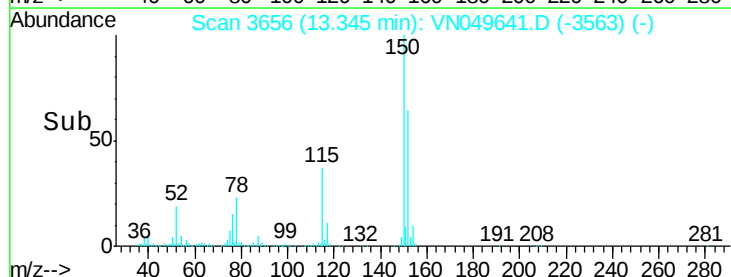
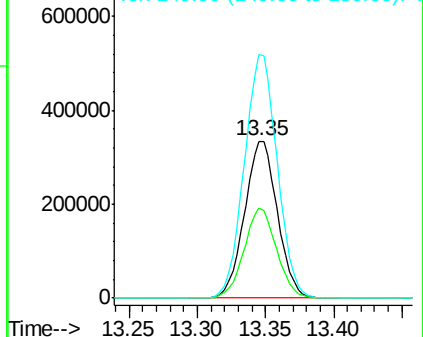
152 100

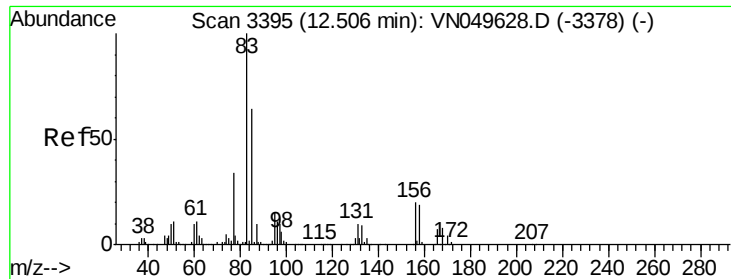
115 56.3 28.7 86.1

150 156.2 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: 12.43 min Scan# 3370

Delta R.T. -0.08 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampled :

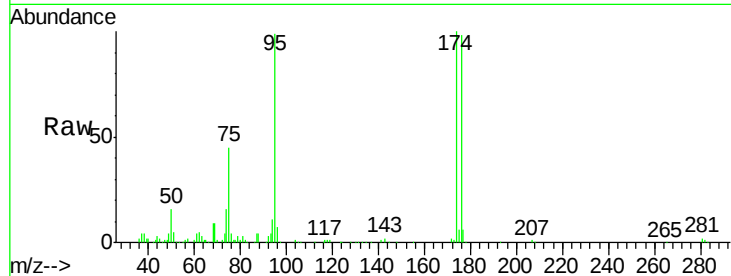
Tot Ion: 83 Resp: 102

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 32.0 96.0#

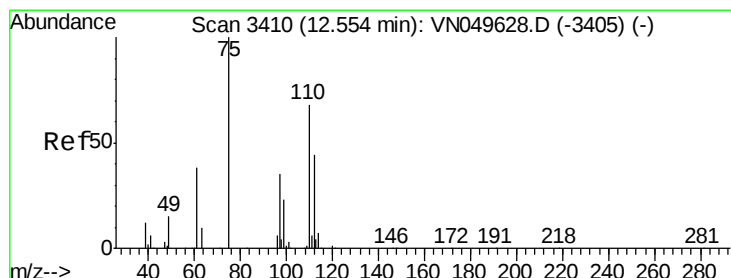
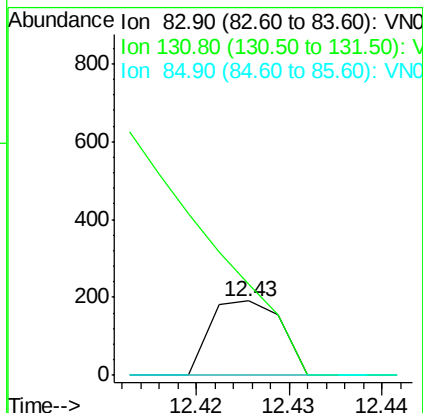
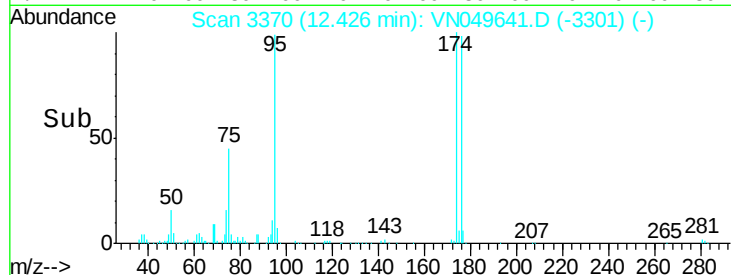


Abundance Ion 82.90 (82.60 to 83.60): VN049641.D (-3378) (-)

Ion 130.80 (130.50 to 131.50): VN049641.D (-3378) (-)

Ion 84.90 (84.60 to 85.60): VN049641.D (-3378) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 38.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049641.D

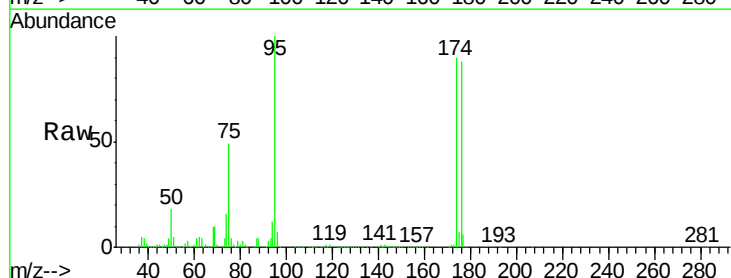
Acq: 29 Jun 2018 19:32

Tgt Ion: 75 Resp: 337535

Ion Ratio Lower Upper

75 100

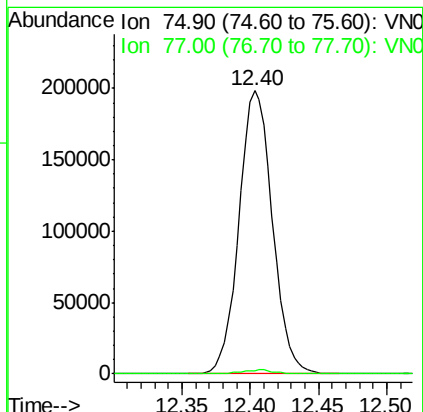
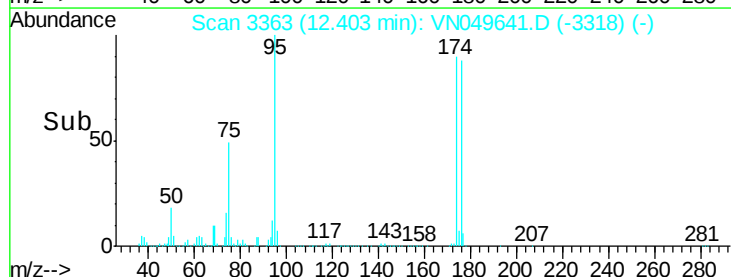
77 1.5 0.0 0.0#

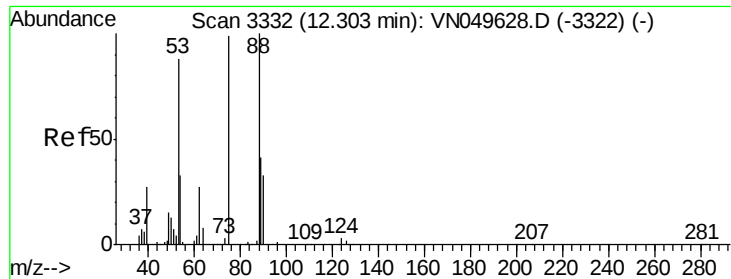


Abundance Ion 74.90 (74.60 to 75.60): VN049641.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049641.D (-3318) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 128.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampled :

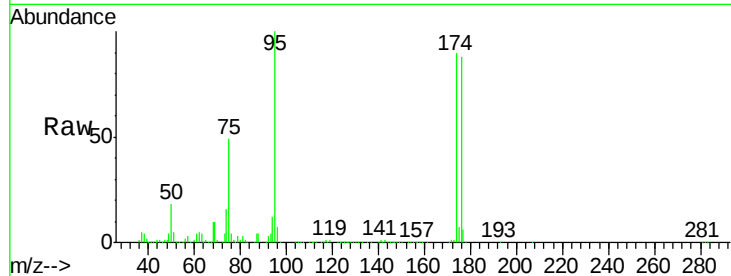
Tot Ion: 75 Resp: 337535

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

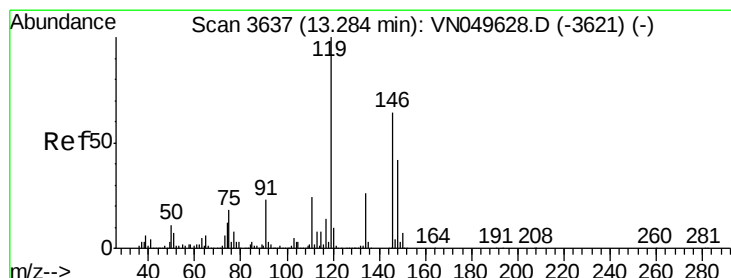
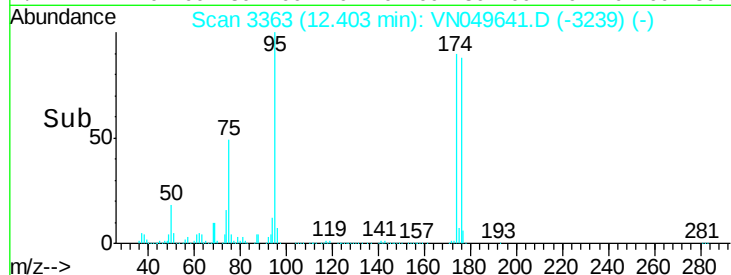
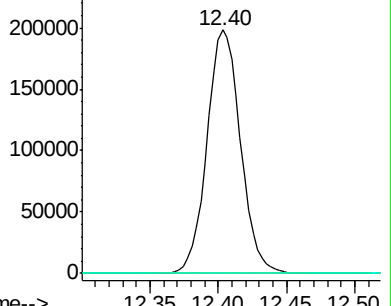
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049641.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049641.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049641.D (-3363) (-)



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

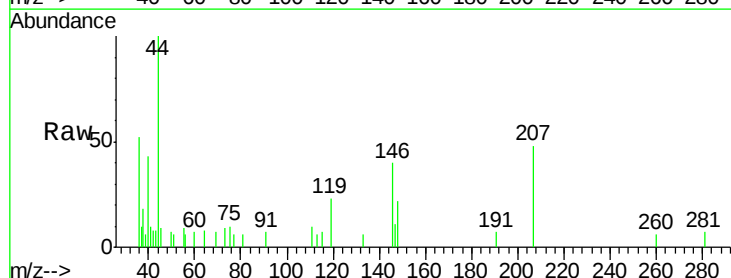
Tgt Ion: 146 Resp: 1488

Ion Ratio Lower Upper

146 100

111 20.4 19.9 59.6

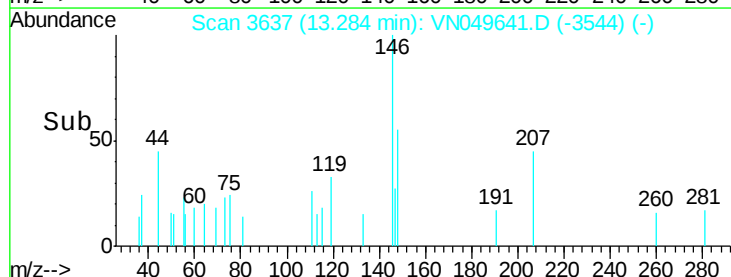
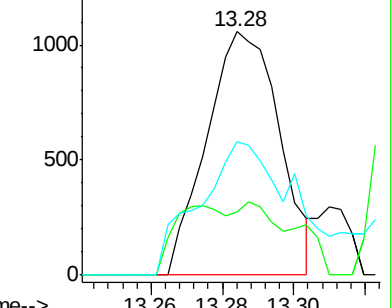
148 74.3 32.1 96.5

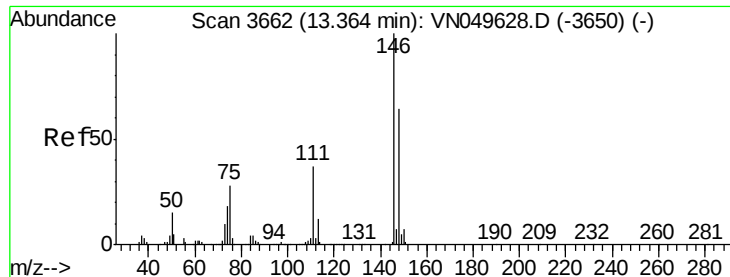


Abundance Ion 145.90 (145.60 to 146.60): VN049641.D (-3637) (-)

Ion 110.90 (110.60 to 111.60): VN049641.D (-3637) (-)

Ion 147.90 (147.60 to 148.60): VN049641.D (-3637) (-)

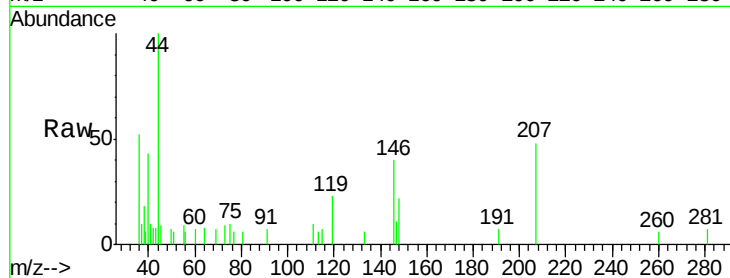




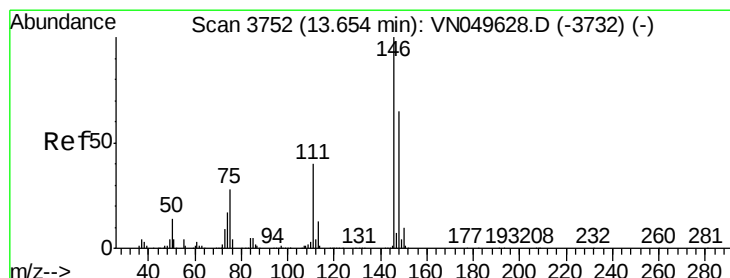
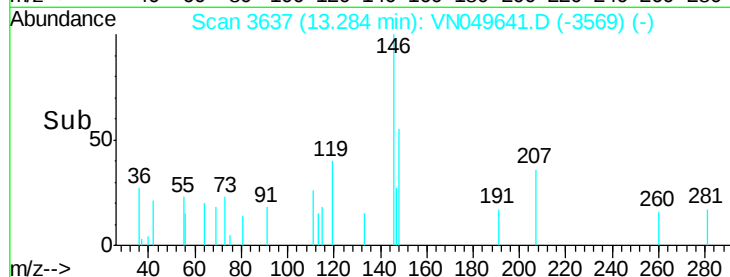
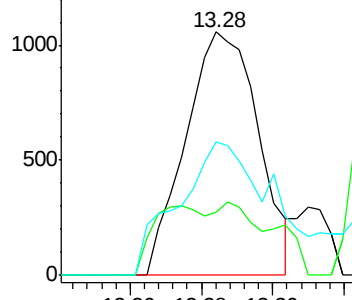
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN049641.D
 Acq: 29 Jun 2018 19:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 1488
 Ion Ratio Lower Upper
 146 100
 111 20.4 19.1 57.1
 148 74.3 32.0 96.2

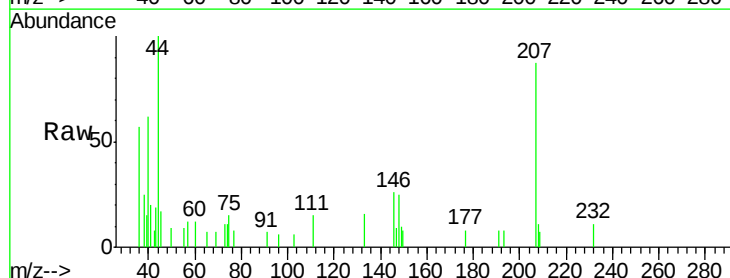


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

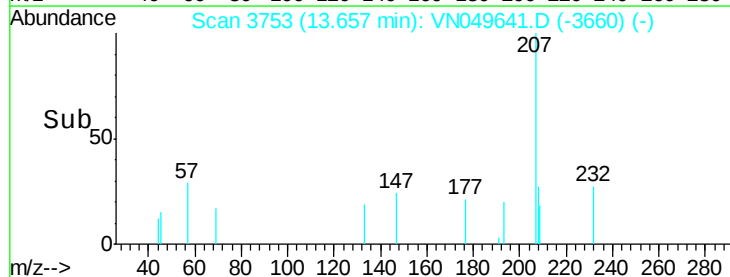
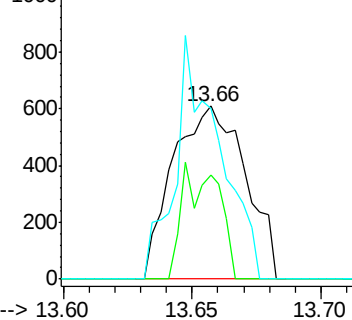


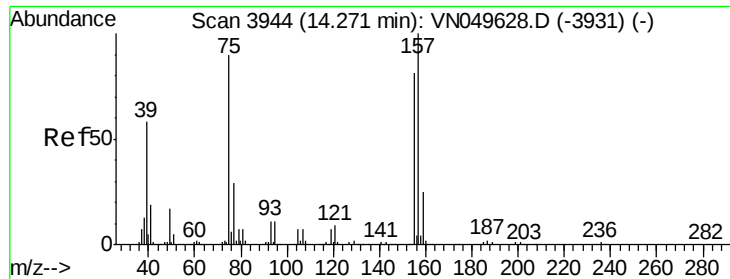
#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049641.D
 Acq: 29 Jun 2018 19:32

Tgt Ion:146 Resp: 1192
 Ion Ratio Lower Upper
 146 100
 111 33.4 20.8 62.2
 148 84.9 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: 14.26 min Scan# 3942

Delta R.T. -0.01 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampleId :

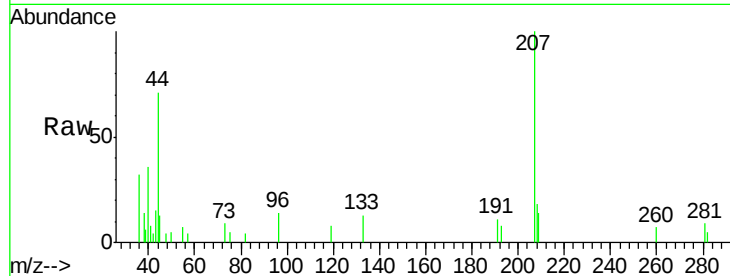
Tot Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#

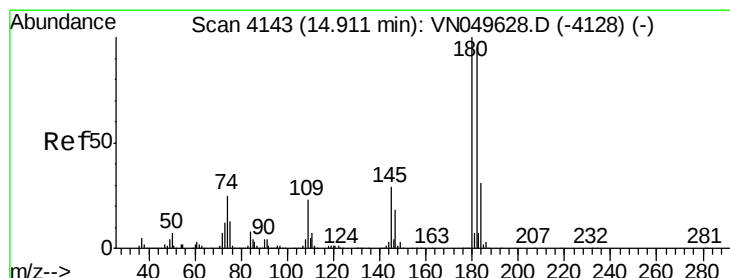
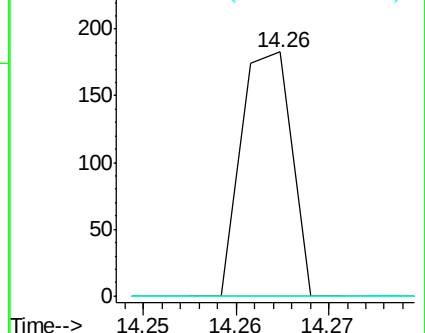
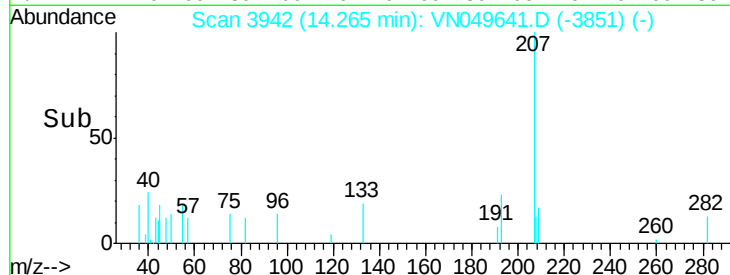


Abundance Ion 74.90 (74.60 to 75.60): VN049641.D (-3851) (-)

Ion 154.80 (154.50 to 155.50): VN049641.D (-3851) (-)

Ion 156.80 (156.50 to 157.50): VN049641.D (-3851) (-)

14.26



#93

1,2,4-Trichlorobenzene

Concen: 2.52 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

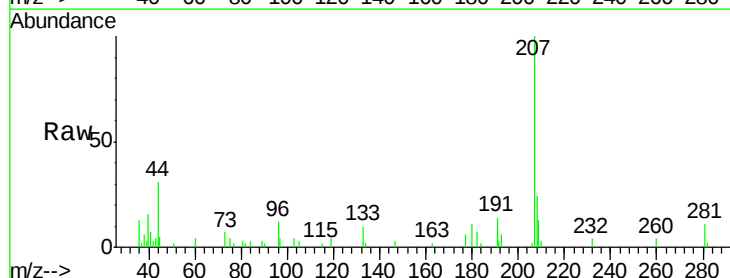
Tgt Ion: 180 Resp: 1276

Ion Ratio Lower Upper

180 100

182 77.2 46.9 140.8

145 15.1 14.7 44.1

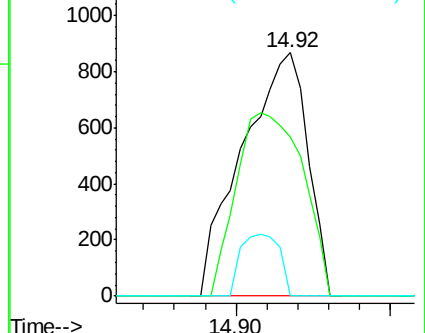
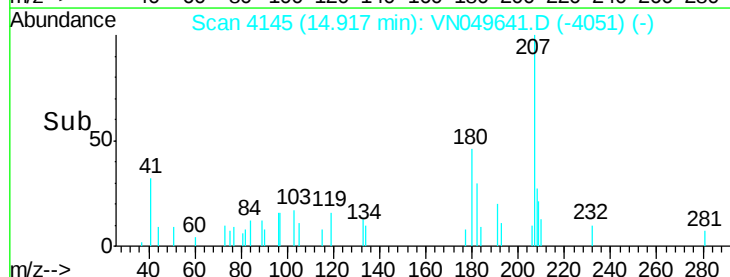


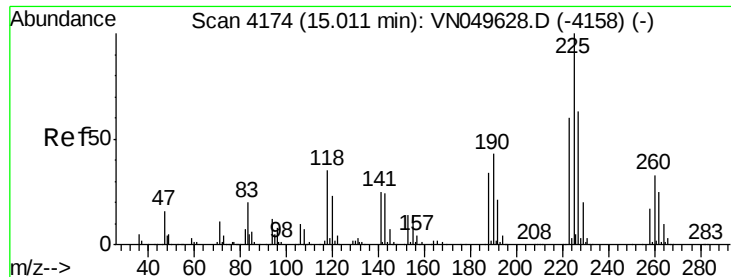
Abundance Ion 179.80 (179.50 to 180.50): VN049641.D (-4051) (-)

Ion 181.80 (181.50 to 182.50): VN049641.D (-4051) (-)

Ion 144.80 (144.50 to 145.50): VN049641.D (-4051) (-)

14.92





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampled :

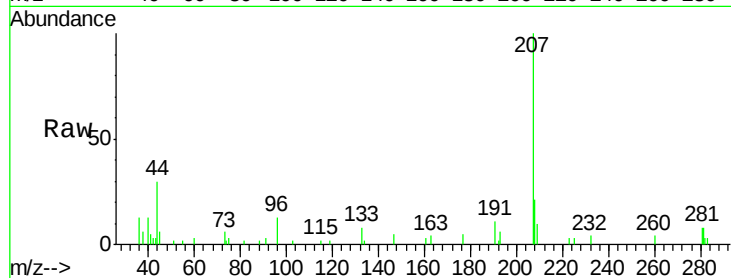
Tot Ion:225 Resp: 175

Ion Ratio Lower Upper

225 100

223 162.9 32.1 96.3#

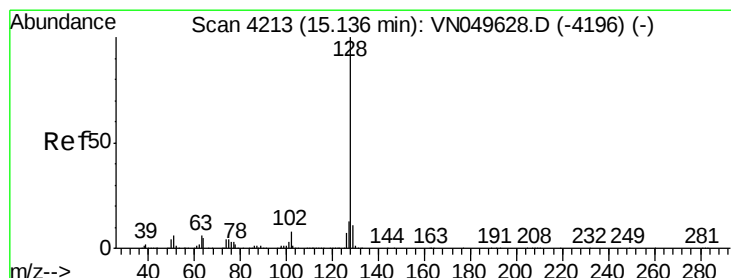
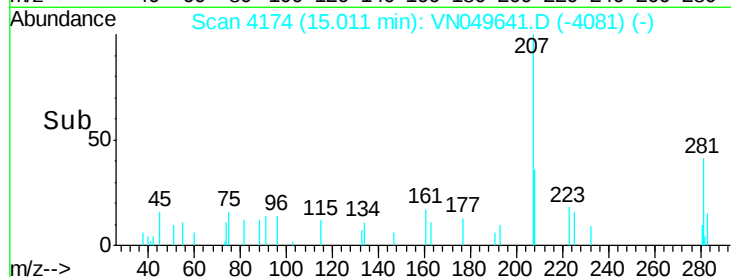
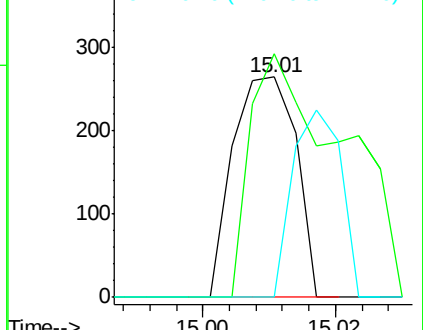
227 65.7 31.8 95.3



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: 3.00 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

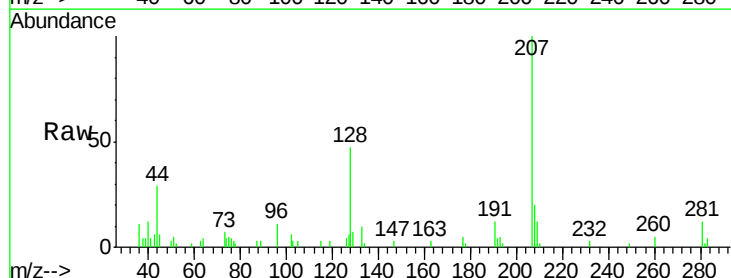
Tgt Ion:128 Resp: 8122

Ion Ratio Lower Upper

128 100

127 16.2 10.6 16.0#

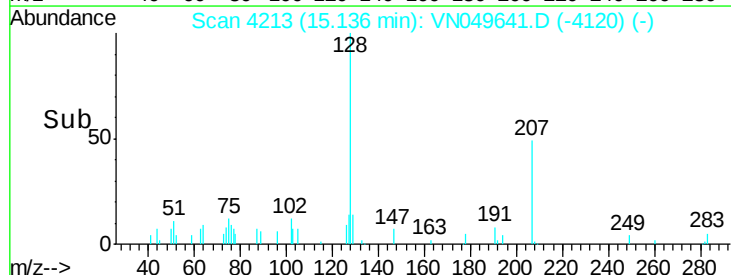
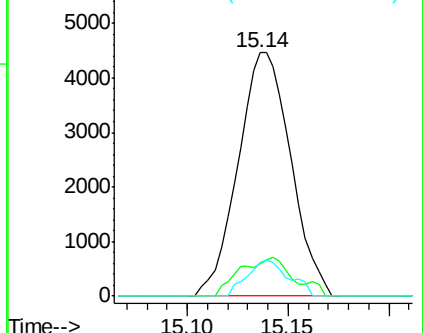
129 11.7 8.5 12.7

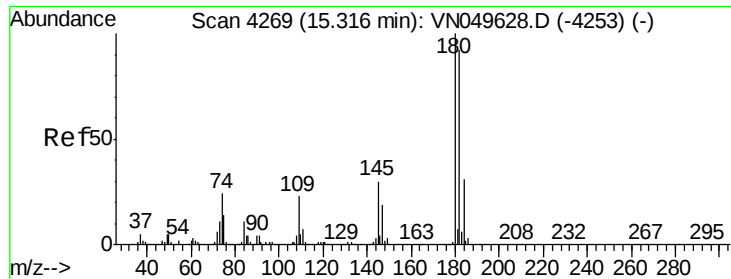


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.71 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN049641.D
 Acq: 29 Jun 2018 19:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 662
 Ion Ratio Lower Upper
 180 100
 182 165.4 47.3 141.8#
 145 29.5 15.6 46.7

