

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049725.D
 Acq On : 5 Jul 2018 20:26
 Operator : MD\SY
 Sample : J3854-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 02:14:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1195377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2032244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1678894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	678820	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	843158	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
35) Dibromofluoromethane	7.59	113	717845	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
50) Toluene-d8	10.09	98	2697625	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.40	95	793903	39.10	ug/l	0.00
Spiked Amount			Recovery	=	78.20%	

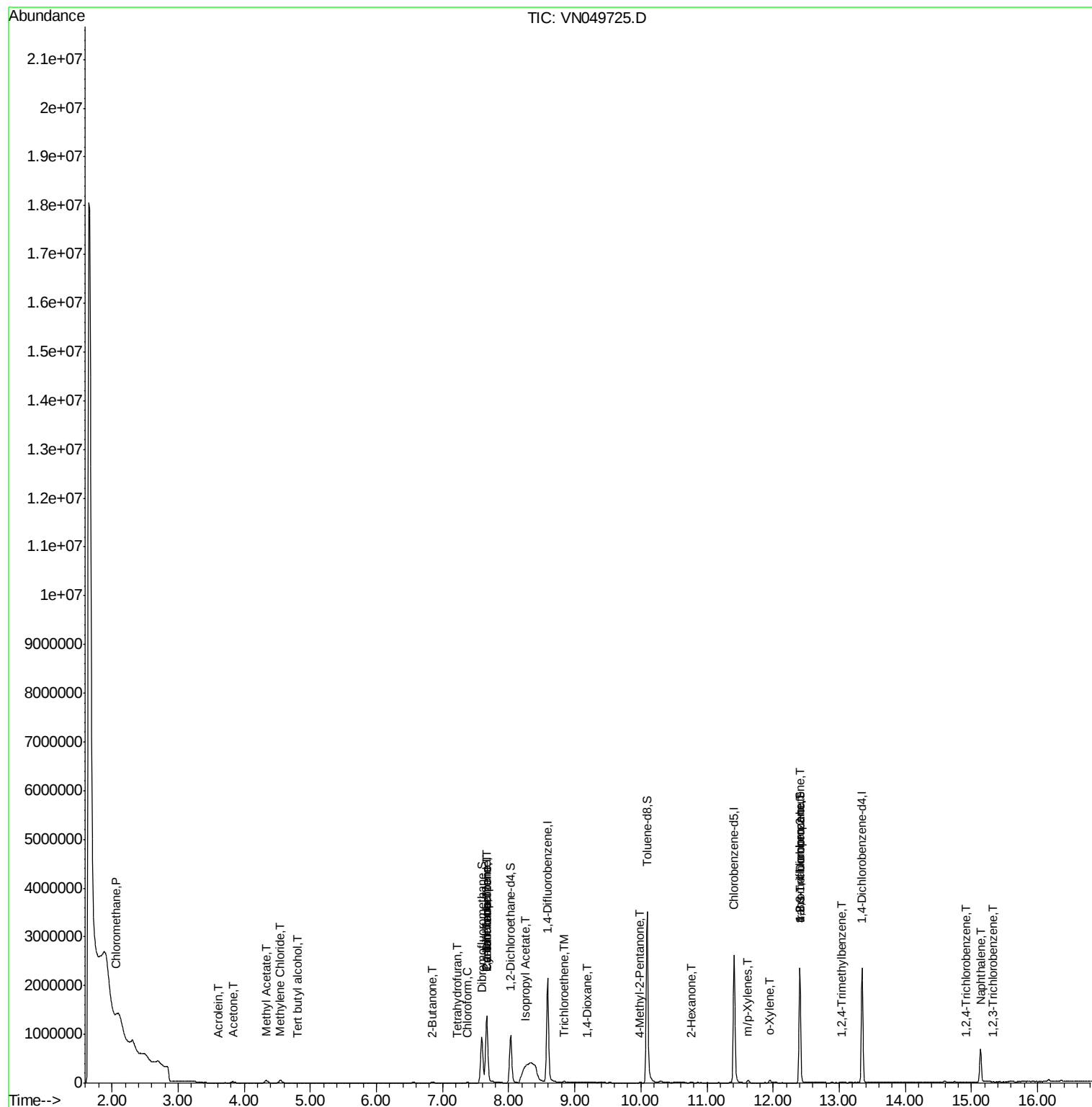
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	4493	0.27	ug/l #	85
11) Tert butyl alcohol	4.80	59	3167	3.50	ug/l #	82
13) Acrolein	3.60	56	1366	1.61	ug/l #	30
16) Acetone	3.83	43	45653	6.62	ug/l	99
17) Carbon Disulfide	4.04	76	6905	Below Cal	#	81
18) Methyl Acetate	4.34	43	92907	1.34	ug/l	97
20) Methylene Chloride	4.54	84	42183	2.59	ug/l	95
25) 2-Butanone	6.85	43	23006	4.39	ug/l	95
29) Tetrahydrofuran	7.23	42	1849	0.55	ug/l #	80
30) Chloroform	7.37	83	9376	0.33	ug/l	94
31) Cyclohexane	7.67	56	23127	0.24	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83972	3.67	ug/l #	48
38) Carbon Tetrachloride	7.67	117	109702	4.93	ug/l #	16
43) Isopropyl Acetate	8.25	43	393888	14.46	ug/l #	63
44) Trichloroethene	8.83	130	7998	0.38	ug/l	95
49) 1,4-Dioxane	9.20	88	72	0.45	ug/l #	26
51) 4-Methyl-2-Pentanone	9.99	43	4249	0.32	ug/l #	78
59) 2-Hexanone	10.76	43	7738	0.89	ug/l	99
68) m/p-Xylenes	11.62	106	14775	0.53	ug/l	98
69) o-Xylene	11.95	106	7204	0.27	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.53	83	296	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	388036	35.64	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	388036	121.06	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	10726	0.23	ug/l	88
87) 1,3-Dichlorobenzene	13.28	146	250	Below Cal	#	25
88) 1,4-Dichlorobenzene	13.37	146	282	Below Cal	#	64
91) 1,2-Dichlorobenzene	13.66	146	268	Below Cal	#	25
92) 1,2-Dibromo-3-Chloropropan	14.27	75	94	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	976	2.48	ug/l	86
95) Naphthalene	15.14	128	597557	23.96	ug/l	100
96) 1,2,3-Trichlorobenzene	15.33	180	108	1.66	ug/l #	58

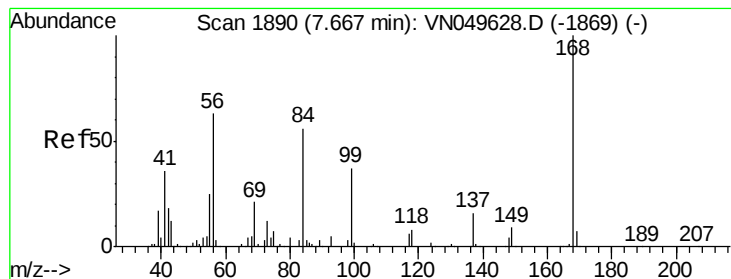
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

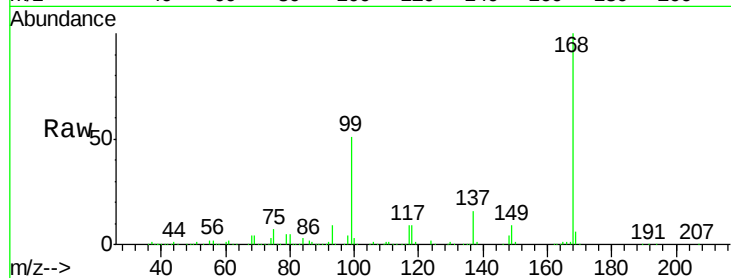
ClientSampled :

Tot Ion:168 Resp: 1195377

Ion Ratio Lower Upper

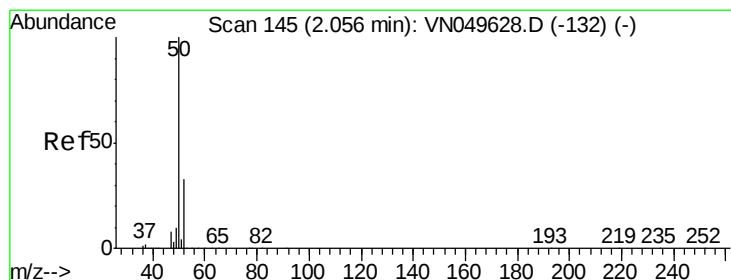
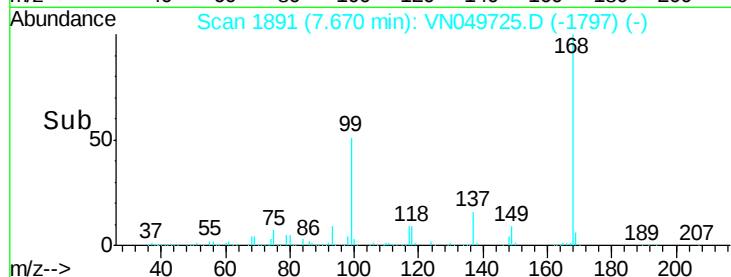
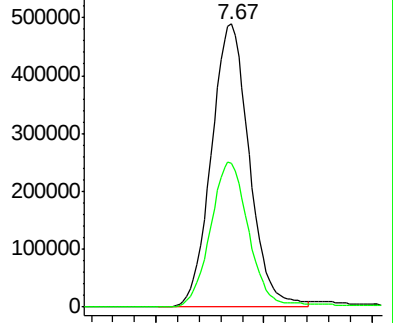
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.27 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049725.D

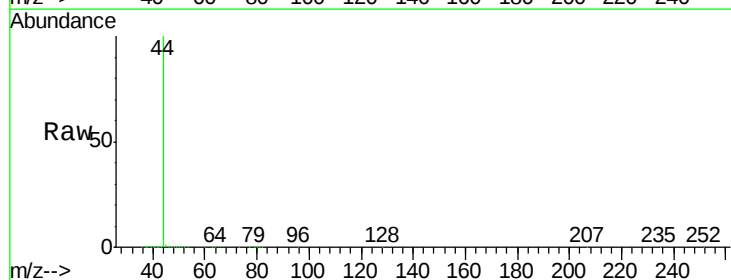
Acq: 5 Jul 2018 20:26

Tgt Ion: 50 Resp: 4493

Ion Ratio Lower Upper

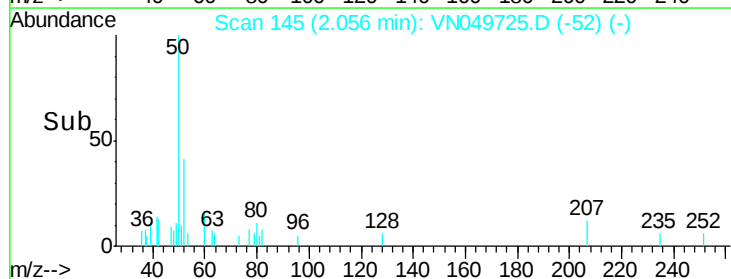
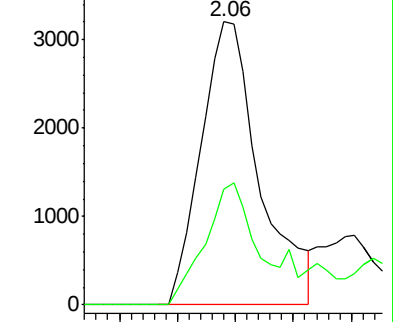
50 100

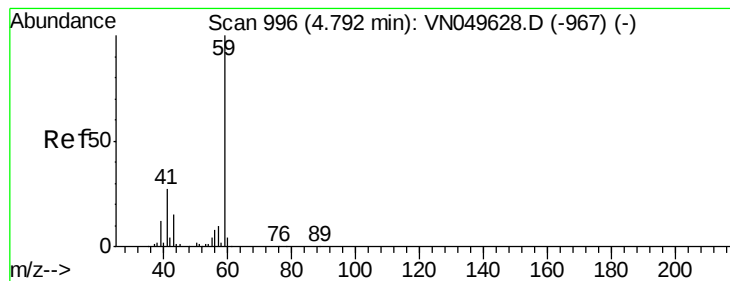
52 41.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



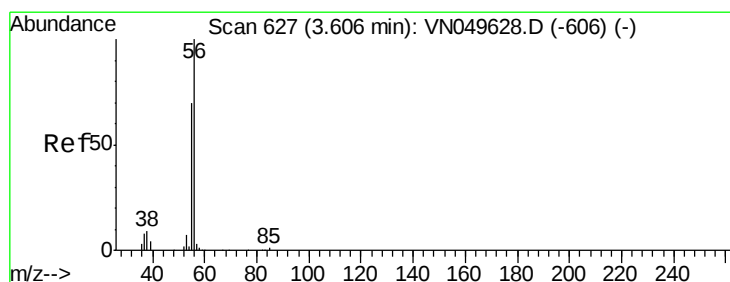
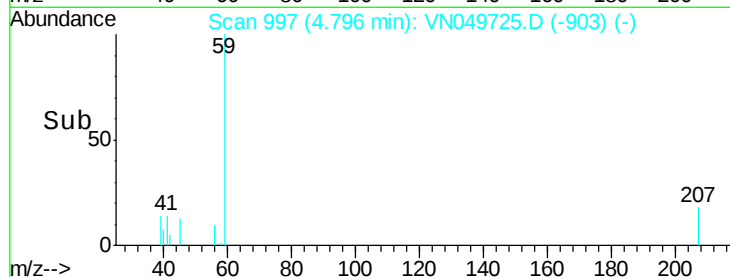
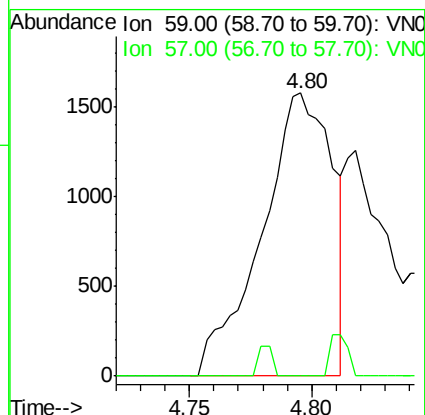
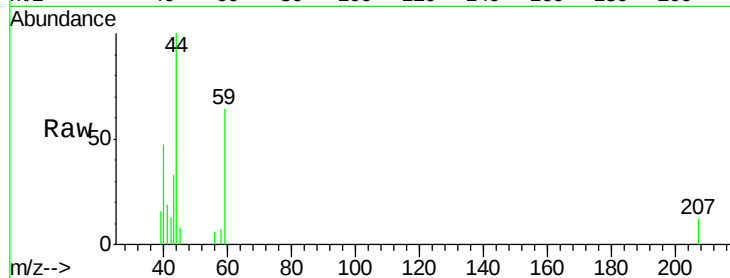


#11

Tert butyl alcohol
 Concen: 3.50 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Instrument :
 MSVOA_N
 ClientSampled :

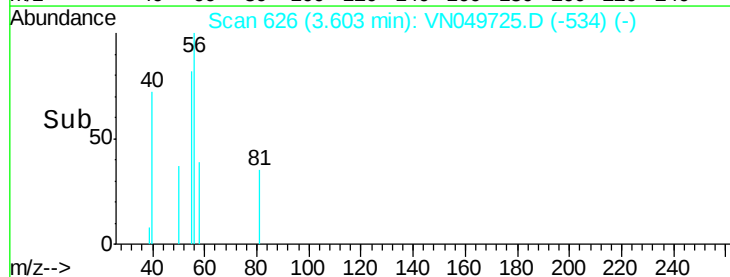
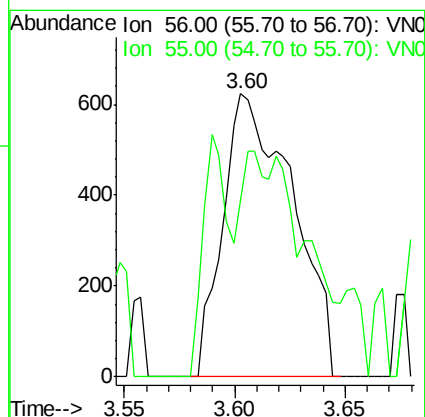
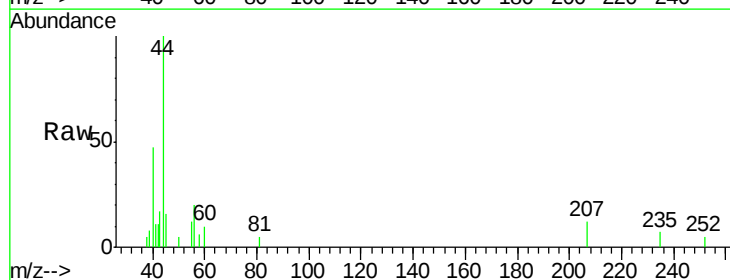
Tot Ion: 59 Resp: 3167
 Ion Ratio Lower Upper
 59 100
 57 3.8 8.5 12.7#

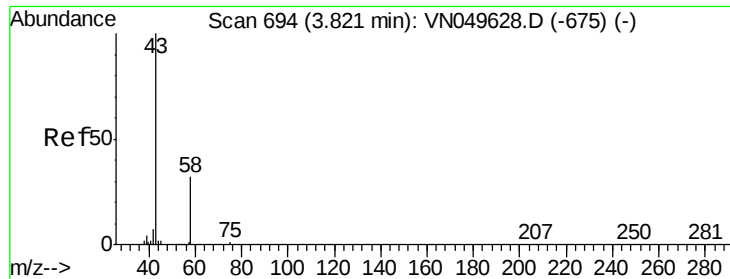


#13

Acrolein
 Concen: 1.61 ug/l
 RT: 3.60 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Tgt Ion: 56 Resp: 1366
 Ion Ratio Lower Upper
 56 100
 55 12.4 55.8 83.8#

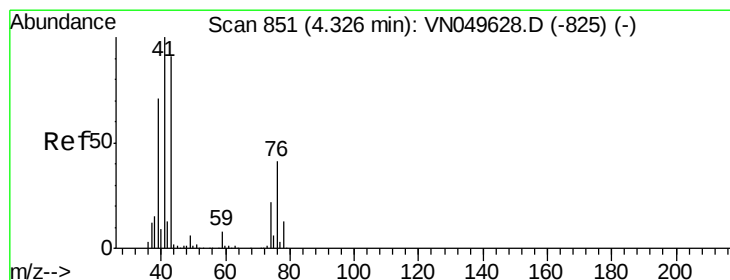
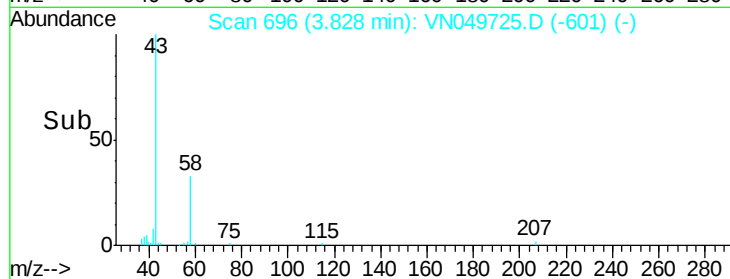
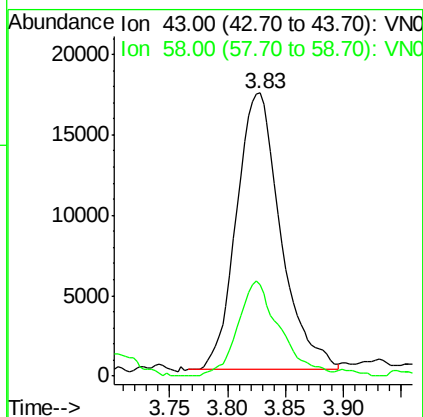
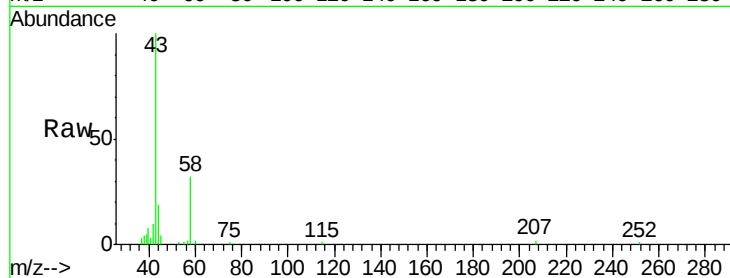




#16
Acetone
Concen: 6.62 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

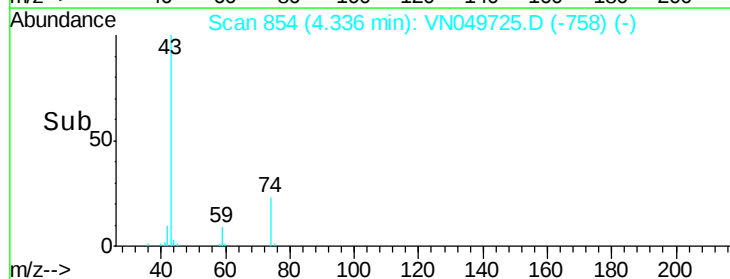
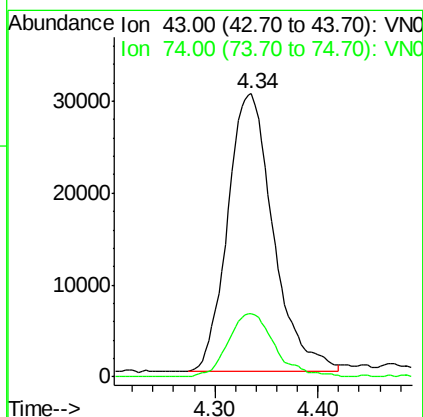
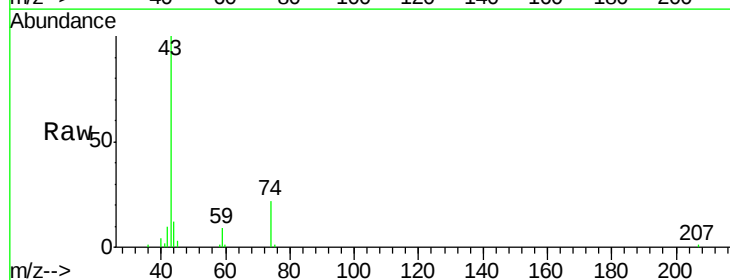
Instrument :
MSVOA_N
ClientSampled :

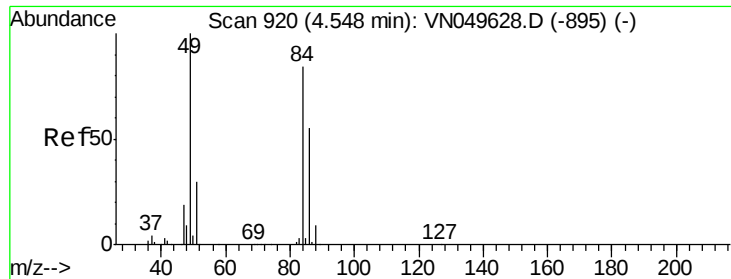
Tot Ion: 43 Resp: 45653
Ion Ratio Lower Upper
43 100
58 33.1 25.9 38.9



#18
Methyl Acetate
Concen: 1.34 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

Tgt Ion: 43 Resp: 92907
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8

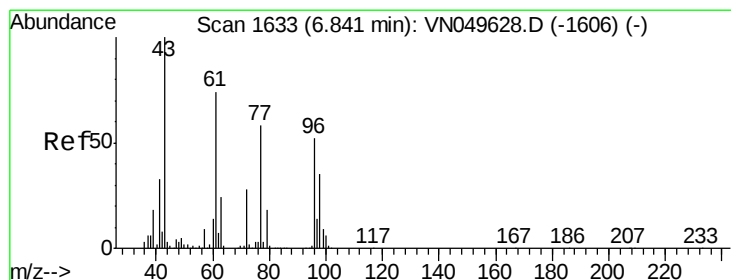
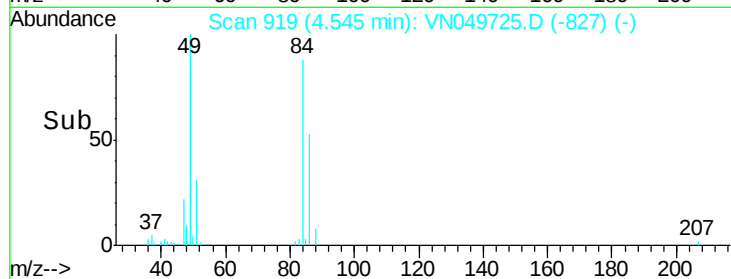
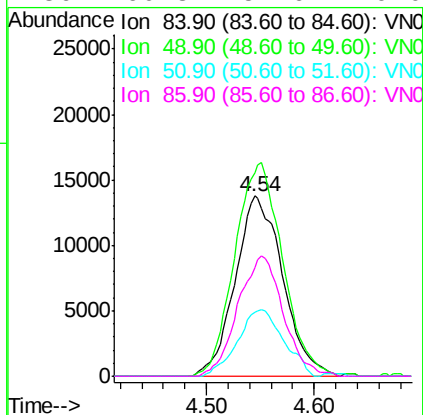
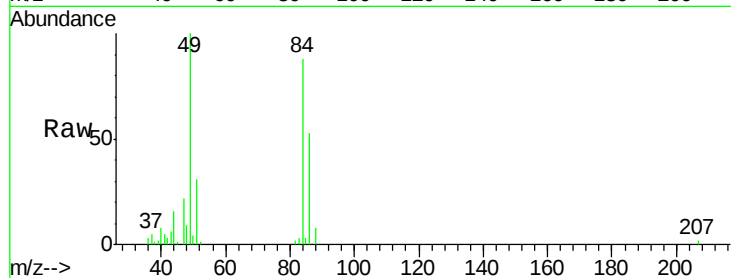




#20
Methvlene Chloride
Concen: 2.59 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

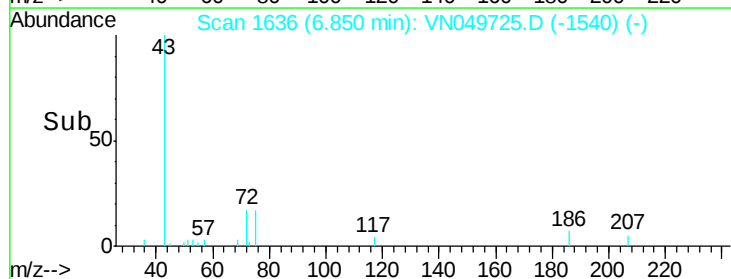
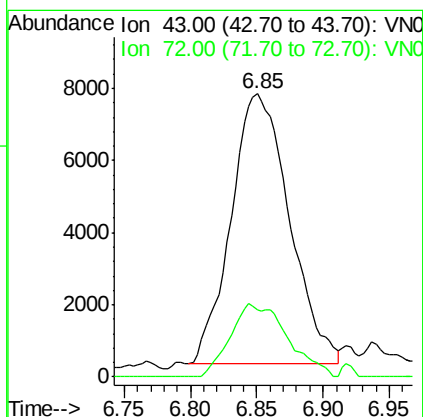
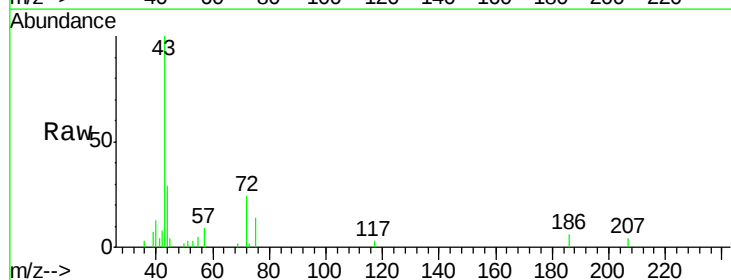
Instrument :
MSVOA_N
ClientSampled :

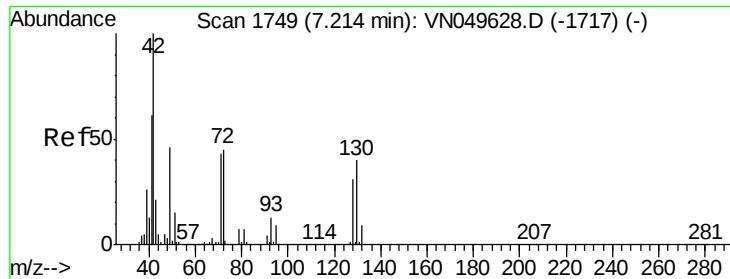
Tot Ion:	84	Resp:	42183
Ion	Ratio	Lower	Upper
84	100		
49	113.1	95.4	143.2
51	35.3	28.4	42.6
86	60.3	52.6	79.0



#25
2-Butanone
Concen: 4.39 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

Tgt Ion:	43	Resp:	23006
Ion	Ratio	Lower	Upper
43	100		
72	25.0	22.1	33.1

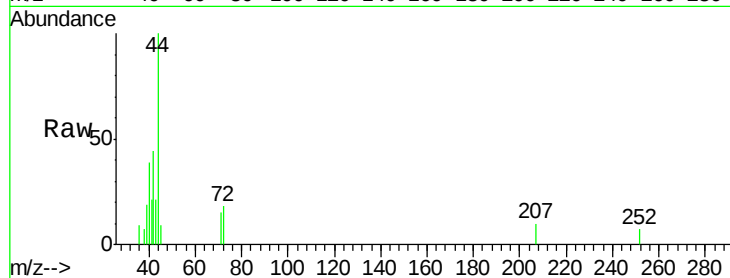




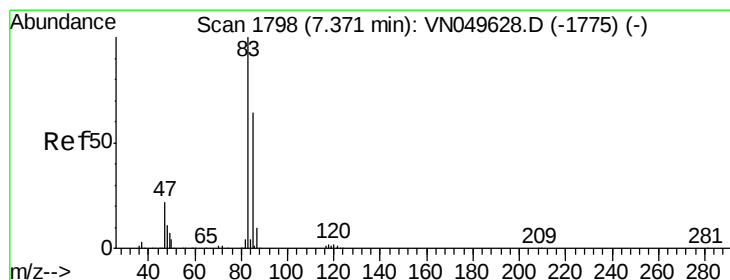
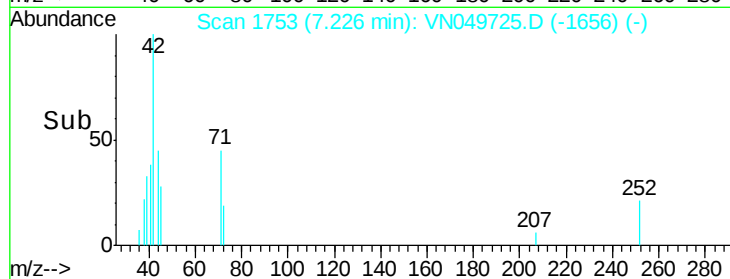
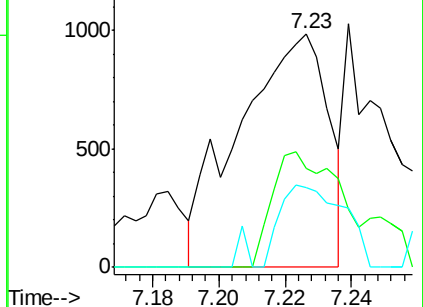
#29
Tetrahydrofuran
Concen: 0.55 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 1849
Ion Ratio Lower Upper
42 100
72 36.3 35.6 53.4
71 25.1 34.0 51.0#

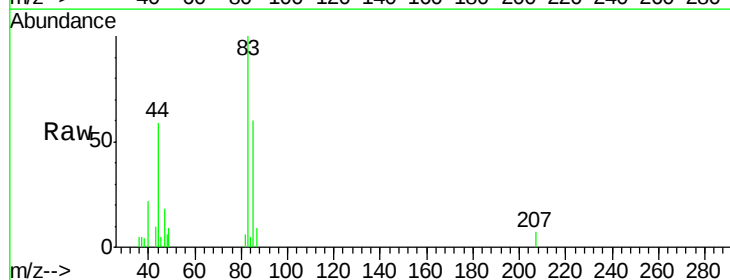


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

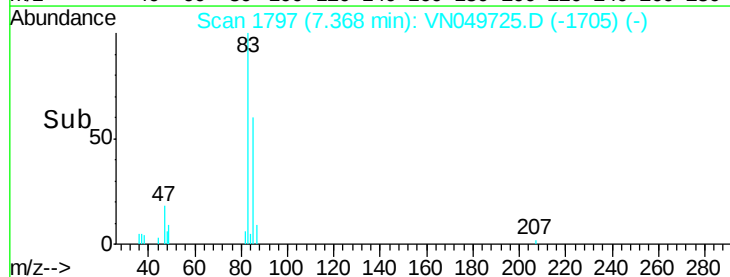
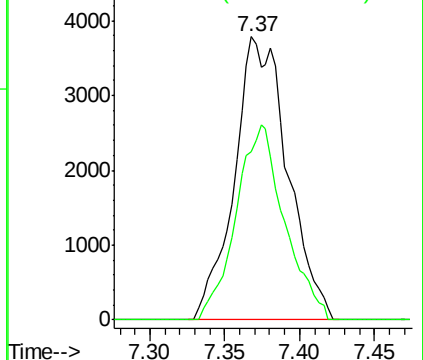


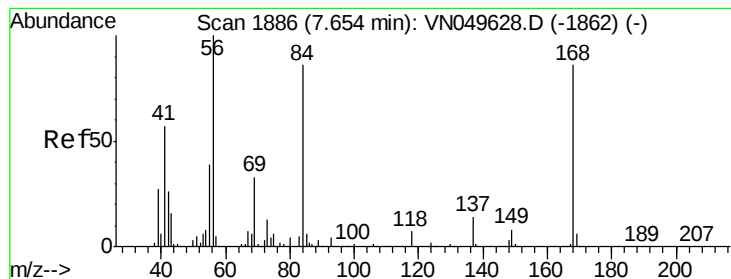
#30
Chloroform
Concen: 0.33 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

Tgt Ion: 83 Resp: 9376
Ion Ratio Lower Upper
83 100
85 59.6 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.24 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

ClientSampled :

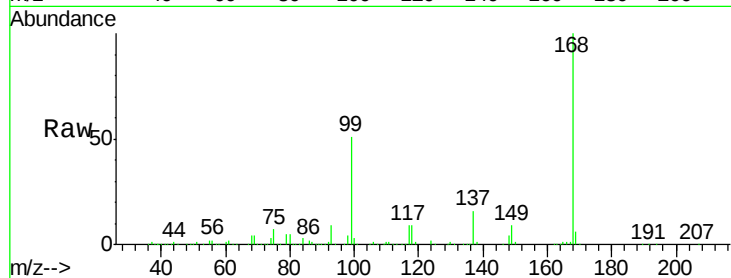
Tot Ion: 56 Resp: 23127

Ion Ratio Lower Upper

56 100

69 179.5 26.6 40.0#

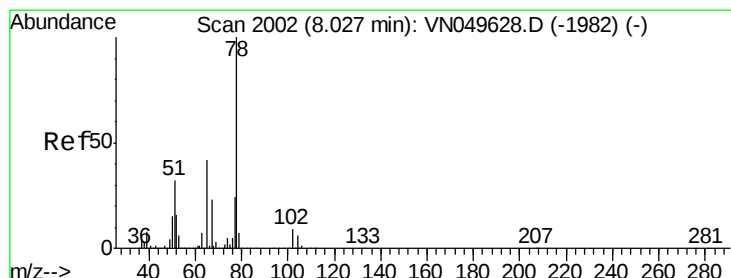
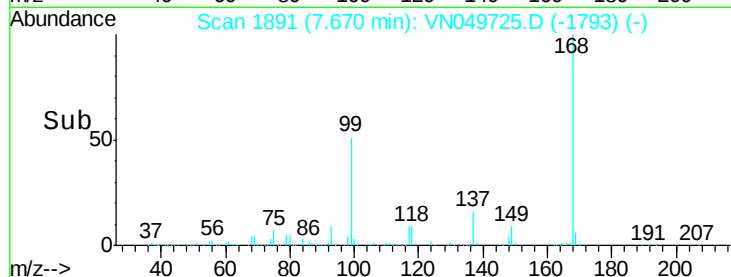
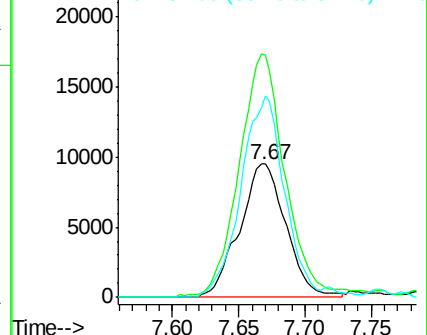
84 151.3 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.41 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049725.D

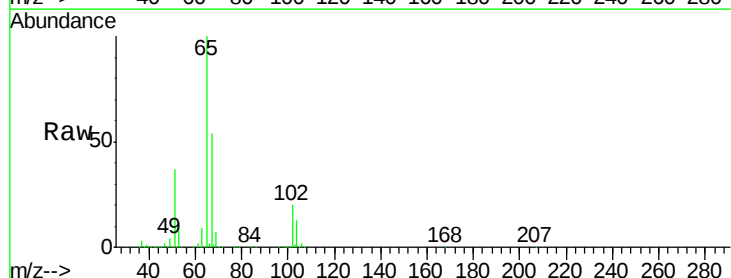
Acq: 5 Jul 2018 20:26

Tgt Ion: 65 Resp: 843158

Ion Ratio Lower Upper

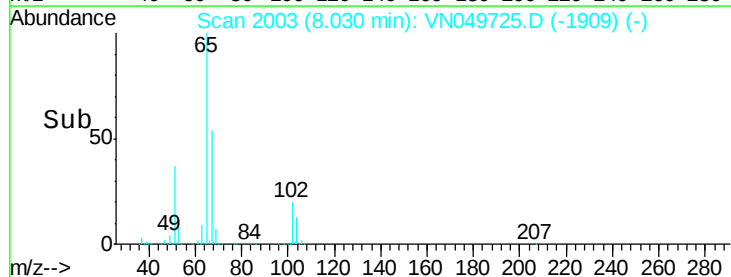
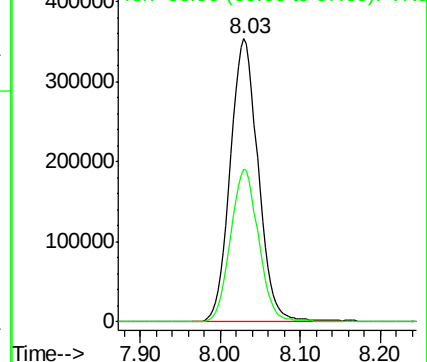
65 100

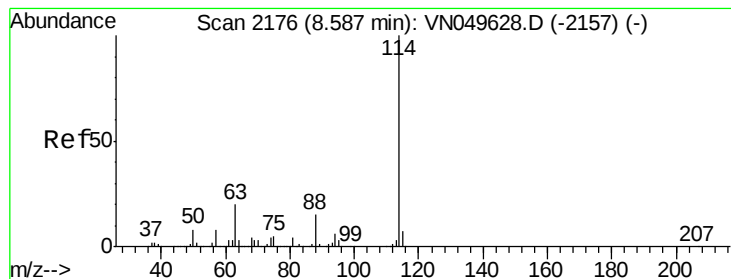
67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

ClientSampleId :

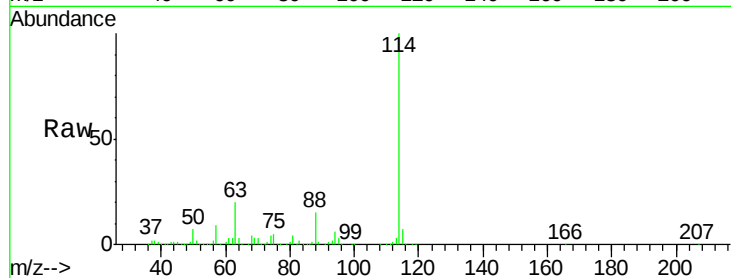
Tot Ion:114 Resp: 2032244

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

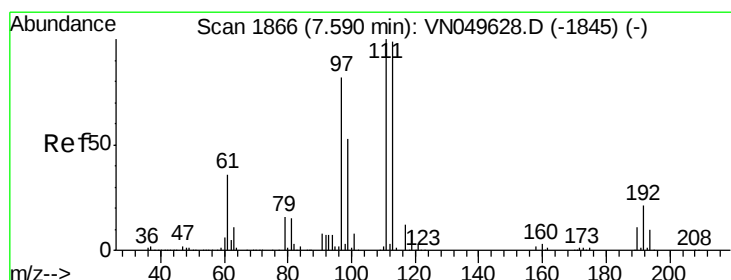
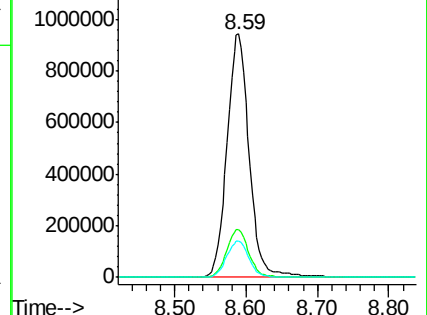
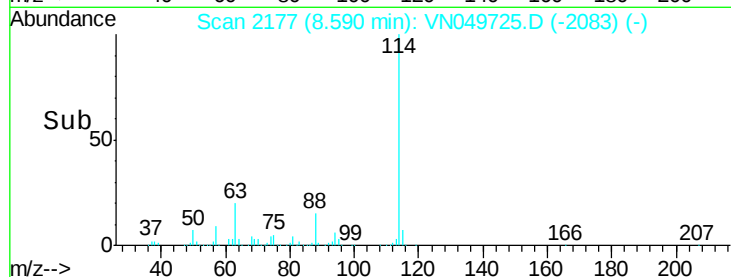
88 15.1 0.0 30.6



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: 47.25 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

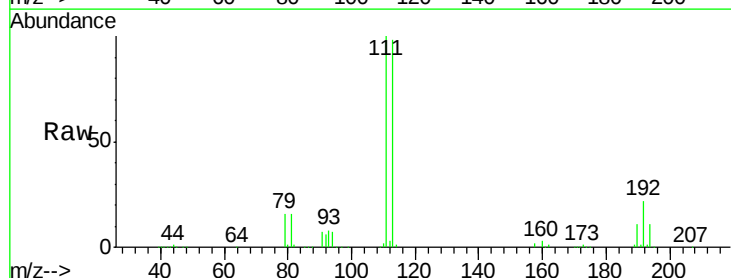
Tgt Ion:113 Resp: 717845

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

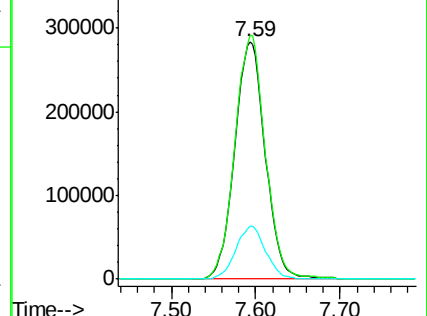
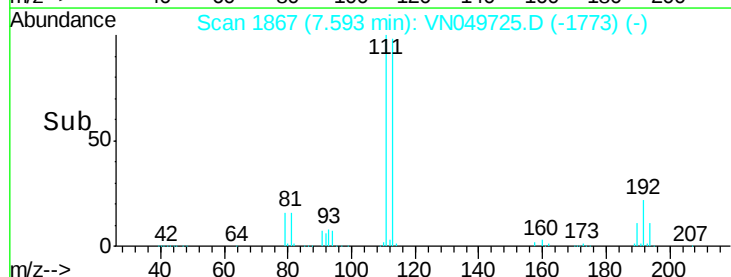
192 21.8 17.8 26.6

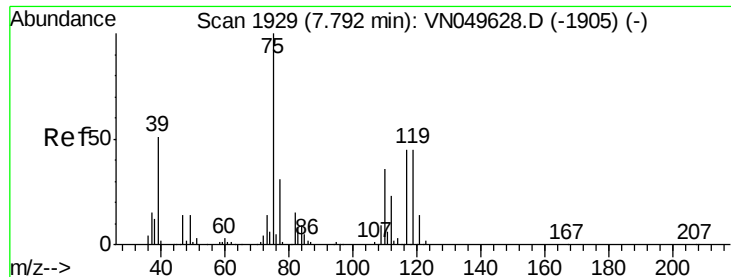


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

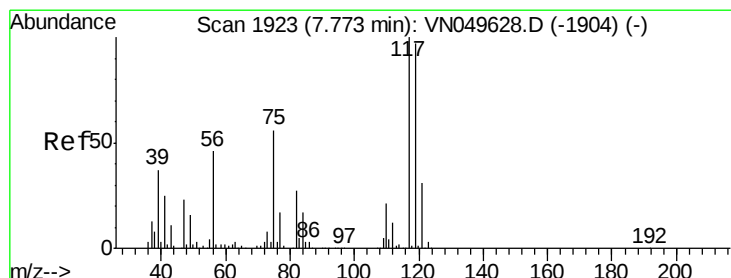
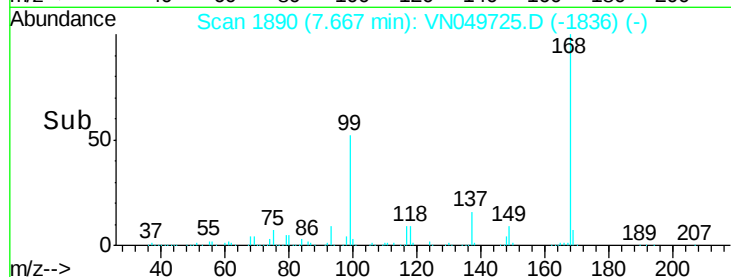
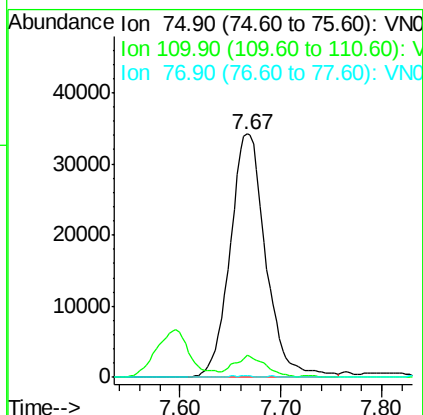
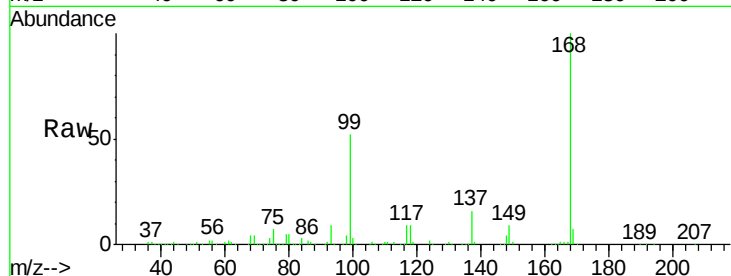




#36
 1,1-Dichloropropene
 Concen: 3.67 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

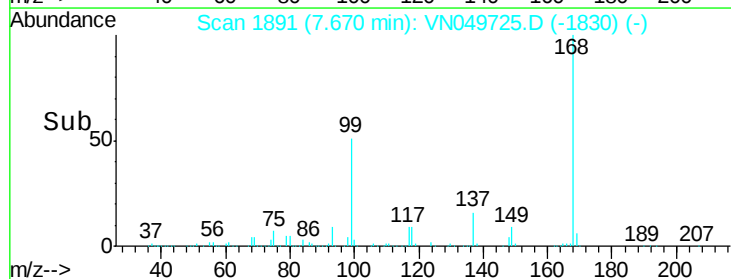
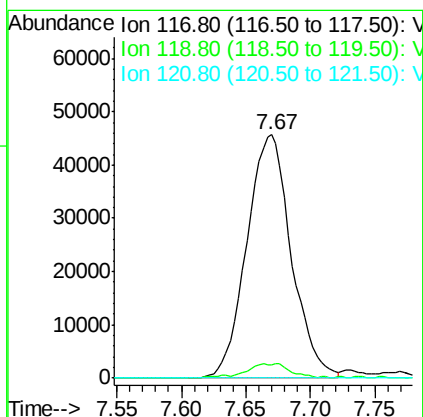
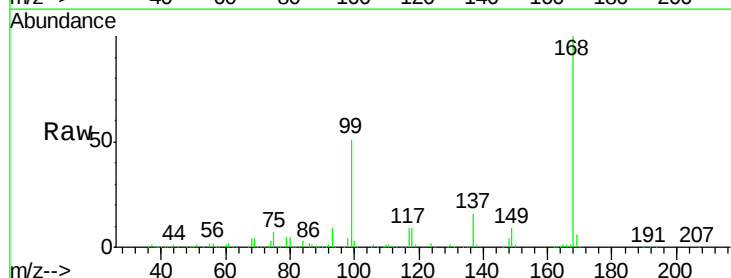
Instrument :
 MSVOA_N
 ClientSampled :

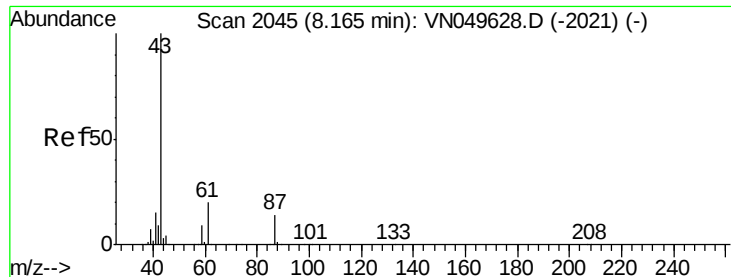
Tot Ion: 75 Resp: 83972
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.4#
 77 0.2 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.93 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Tgt Ion: 117 Resp: 109702
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.2 115.8#
 121 0.0 25.0 37.6#



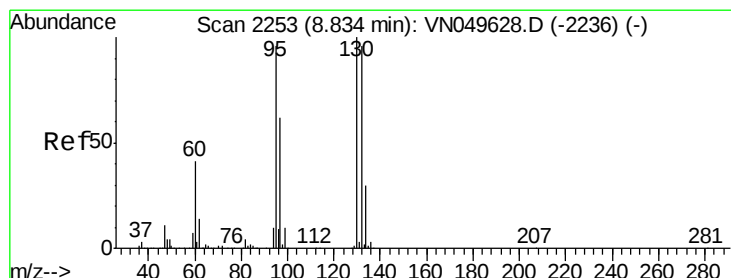
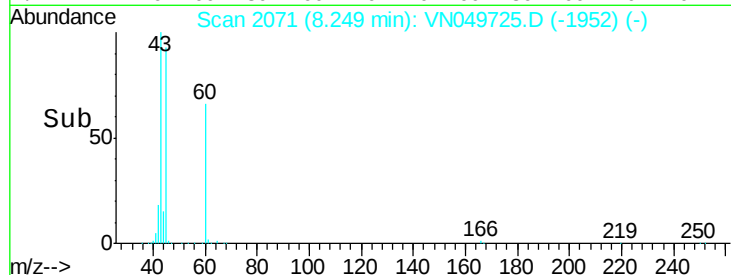
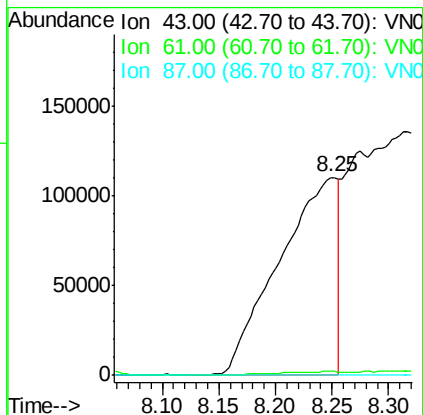
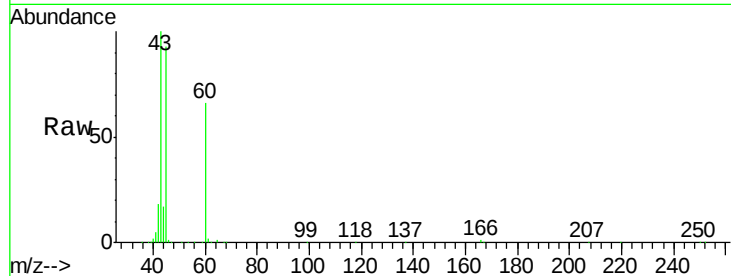


#43

Isopropyl Acetate
 Concen: 14.46 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.08 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Instrument :
 MSVOA_N
 ClientSampleId :

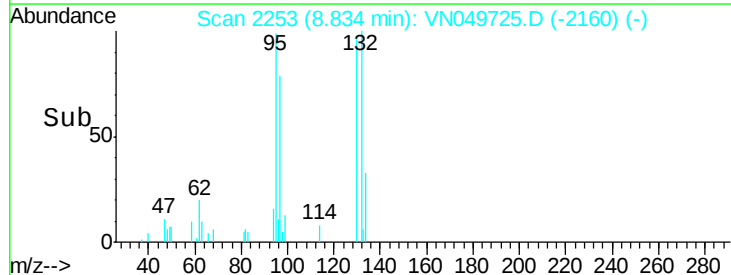
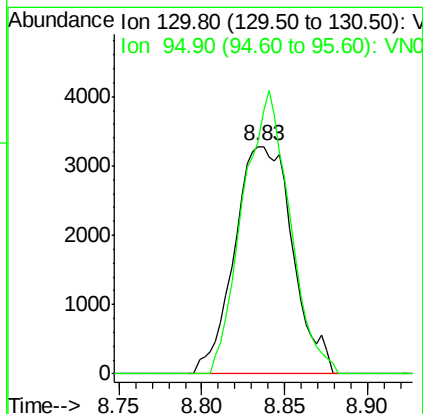
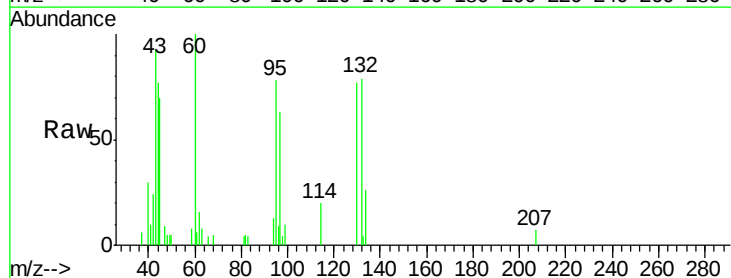
Tot Ion: 43 Resp: 393888
 Ion Ratio Lower Upper
 43 100
 61 0.3 14.9 22.3#
 87 0.0 10.0 15.0#

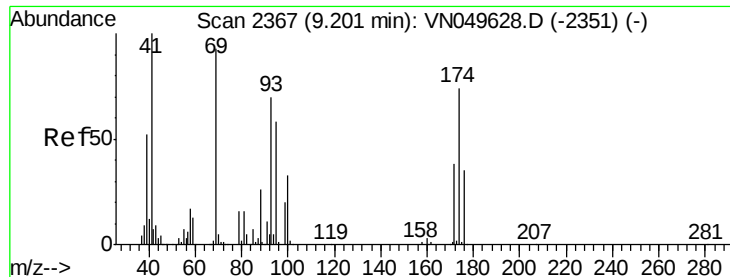


#44

Trichloroethene
 Concen: 0.38 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Tgt Ion: 130 Resp: 7998
 Ion Ratio Lower Upper
 130 100
 95 101.4 0.0 192.8

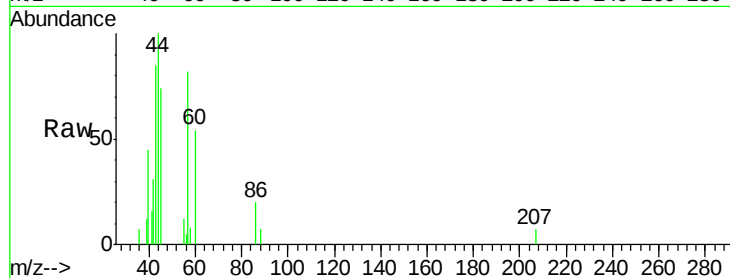




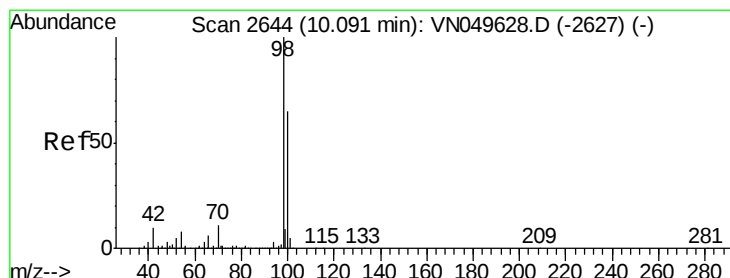
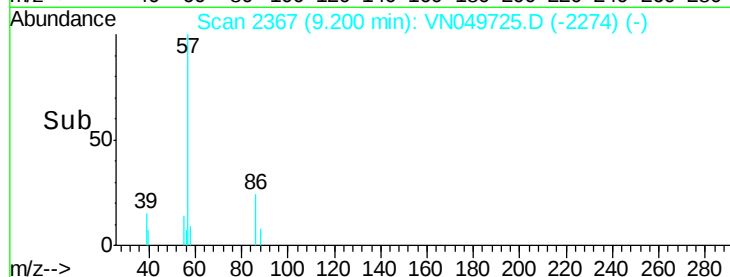
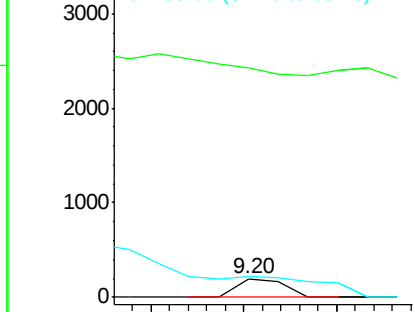
#49
1,4-Dioxane
Concen: 0.45 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 52.5 78.7#

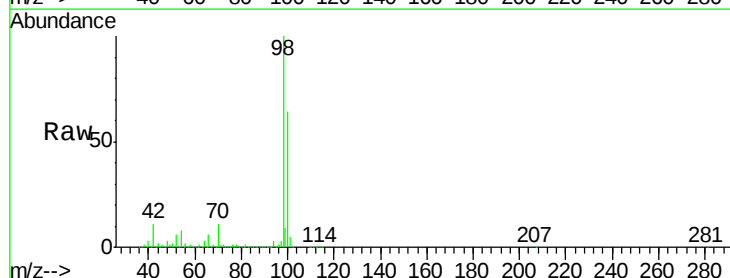


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

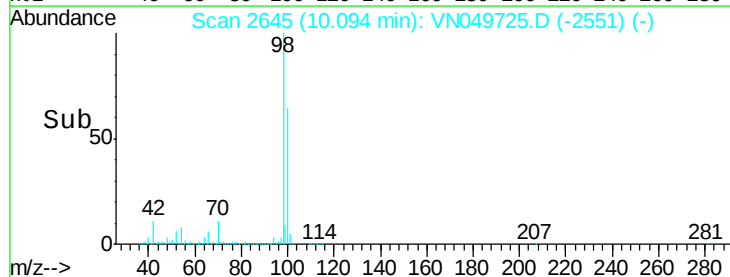
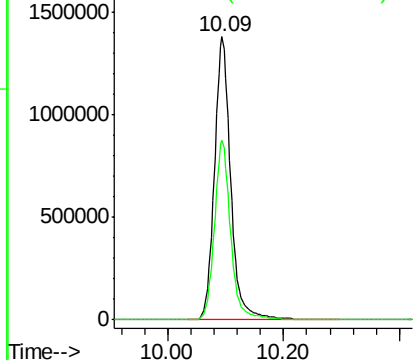


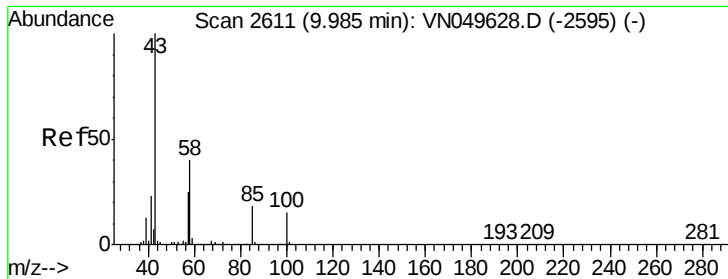
#50
Toluene-d8
Concen: 45.36 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

Tgt Ion: 98 Resp: 2697625
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



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: 0.32 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.01 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

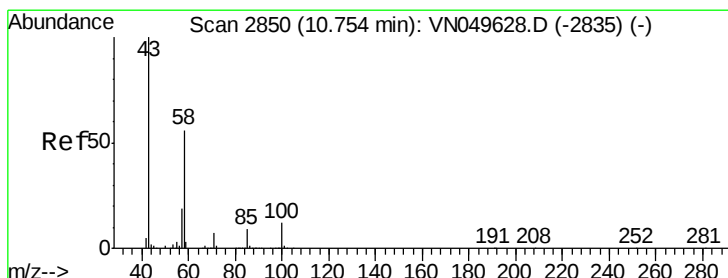
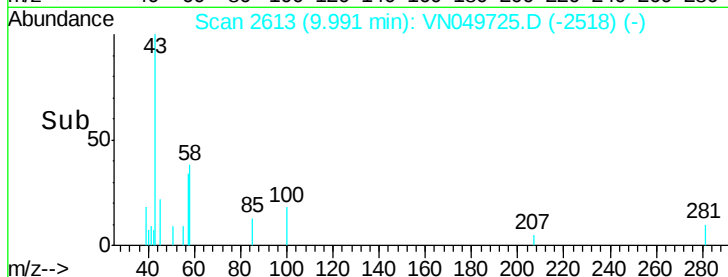
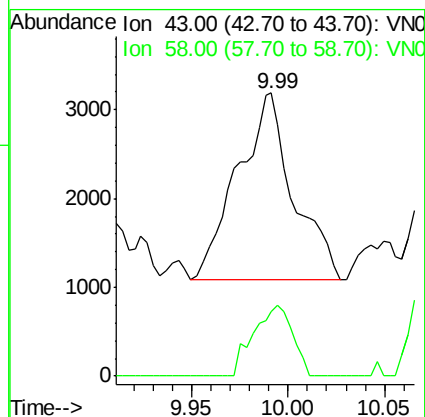
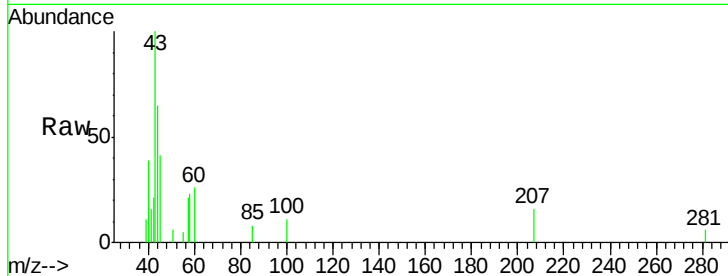
ClientSampled :

Tot Ion: 43 Resp: 4249

Ion Ratio Lower Upper

43 100

58 26.1 31.8 47.8#



#59

2-Hexanone

Concen: 0.89 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN049725.D

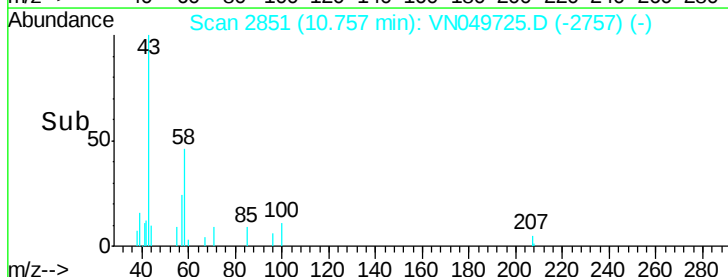
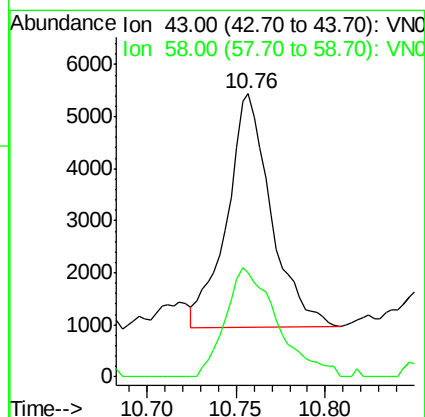
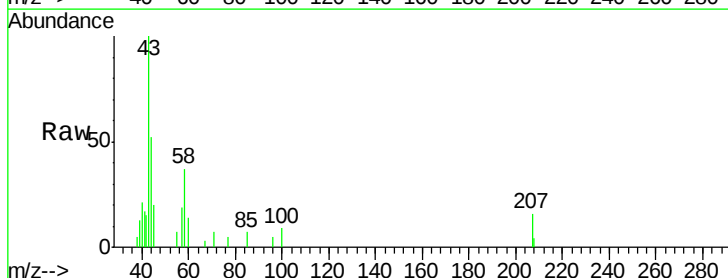
Acq: 5 Jul 2018 20:26

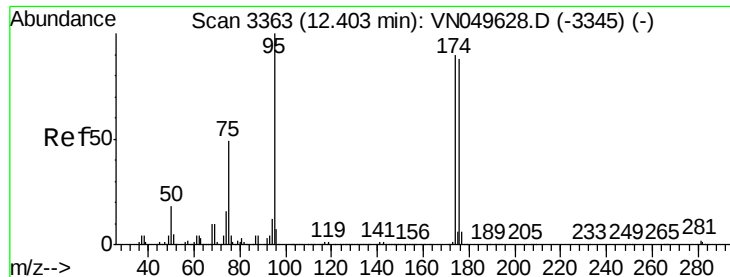
Tgt Ion: 43 Resp: 7738

Ion Ratio Lower Upper

43 100

58 55.1 27.8 83.4





#62

4-Bromofluorobenzene

Concen: 39.10 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

ClientSampleId :

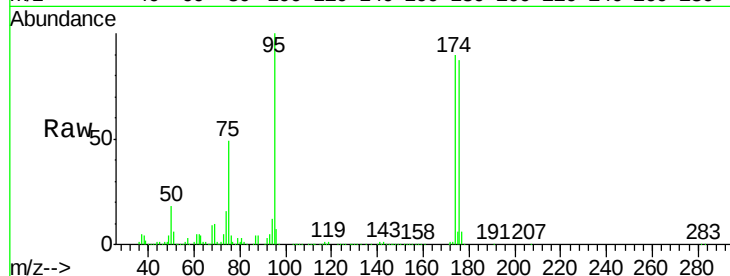
Tot Ion: 95 Resp: 793903

Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

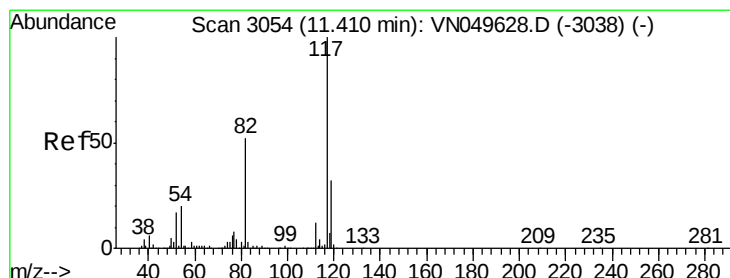
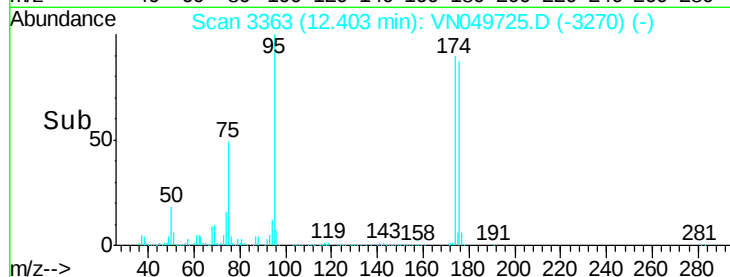
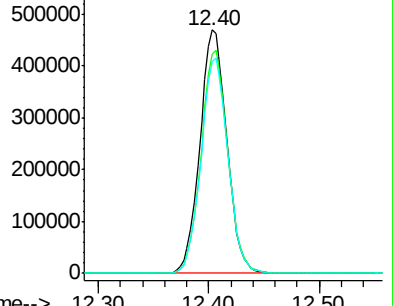
176 88.5 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049725.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049725.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049725.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

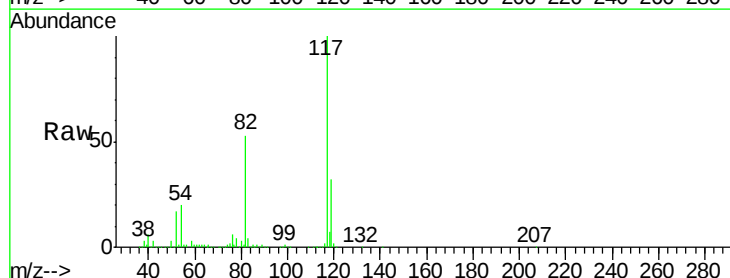
Tgt Ion: 117 Resp: 1678894

Ion Ratio Lower Upper

117 100

82 52.9 41.9 62.9

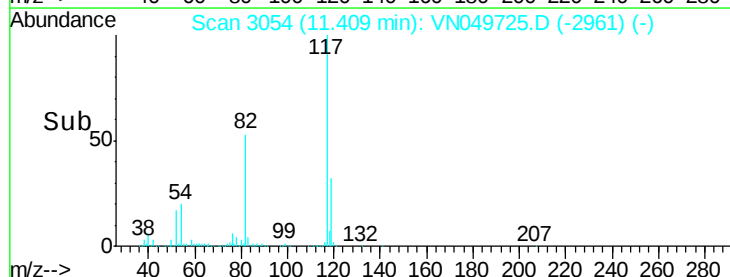
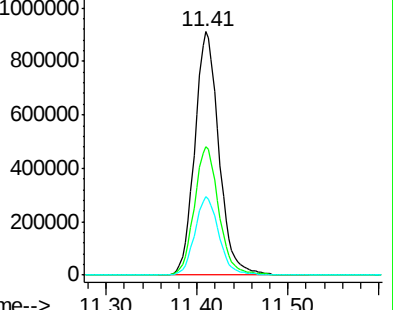
119 32.0 25.4 38.2

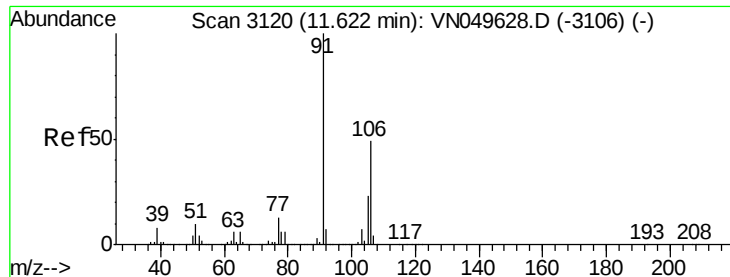


Abundance Ion 116.90 (116.60 to 117.60): VN049725.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049725.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049725.D (-2961) (-)

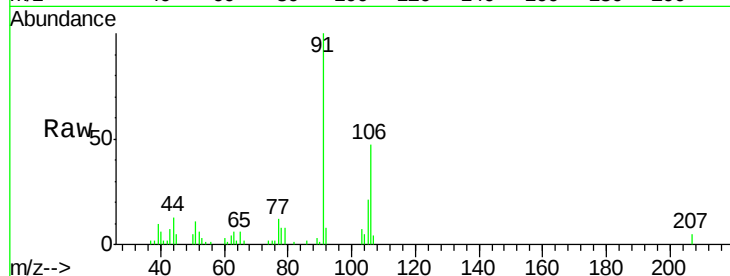




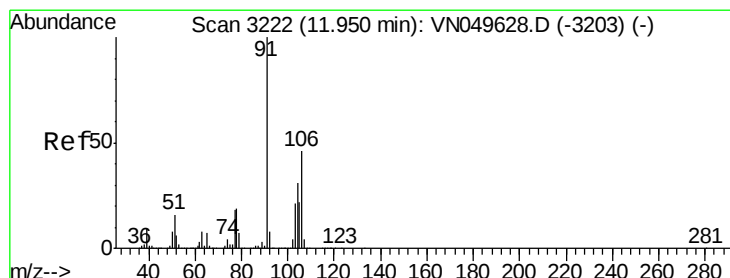
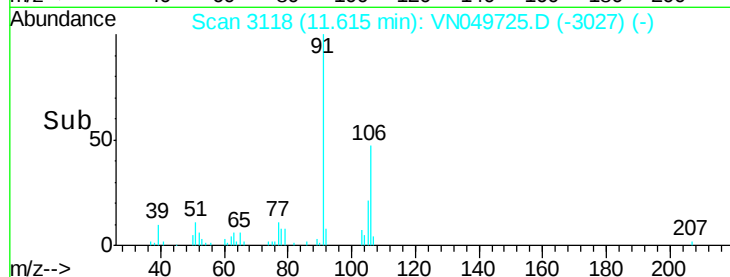
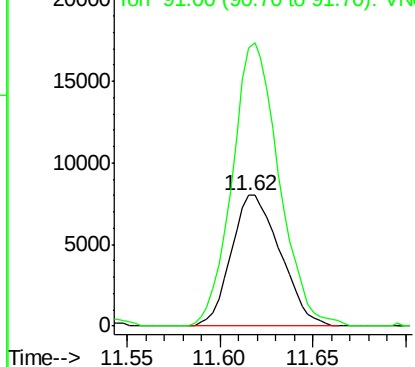
#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. -0.01 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 14775
Ion Ratio Lower Upper
106 100
91 207.0 163.4 245.2

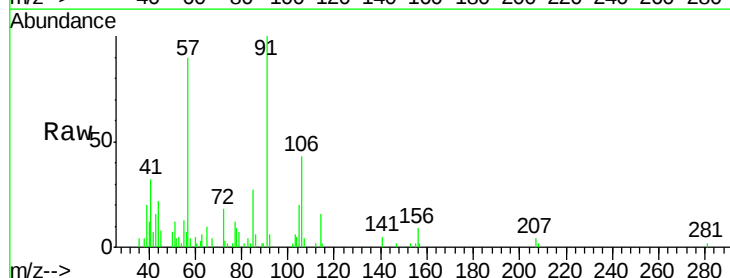


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

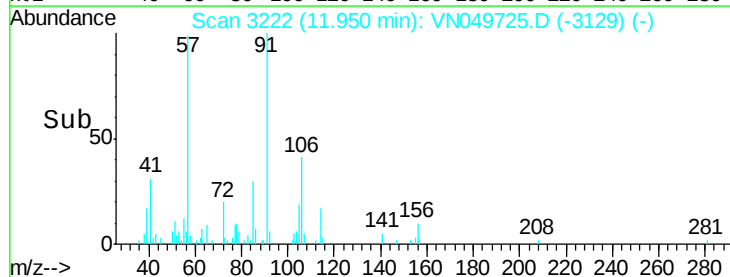
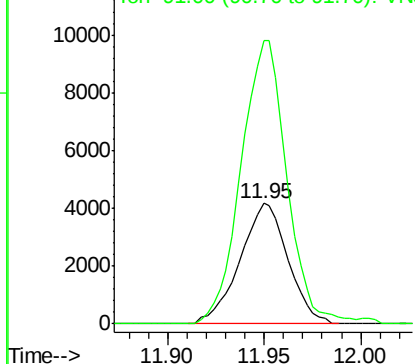


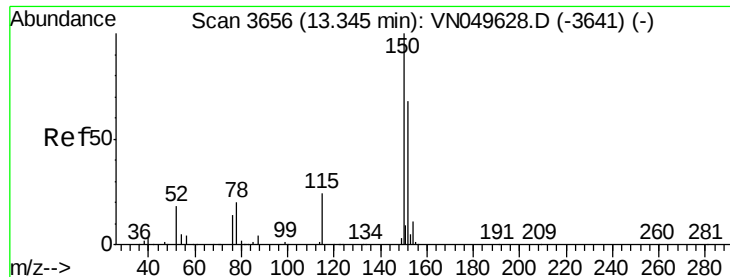
#69
o-Xylene
Concen: 0.27 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049725.D
Acq: 5 Jul 2018 20:26

Tgt Ion:106 Resp: 7204
Ion Ratio Lower Upper
106 100
91 223.8 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

ClientSampleId :

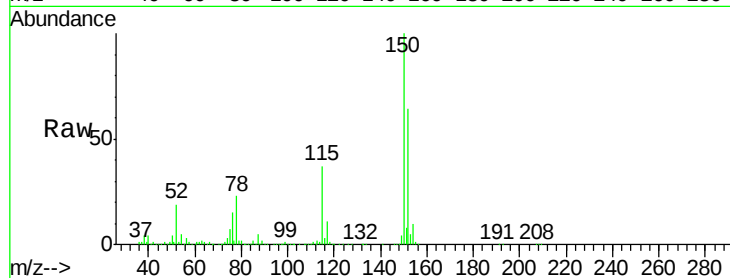
Tot Ion:152 Resp: 678820

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

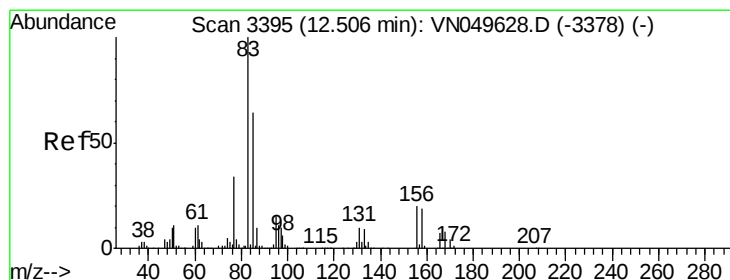
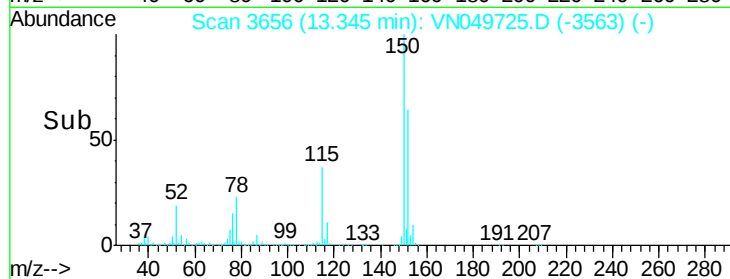
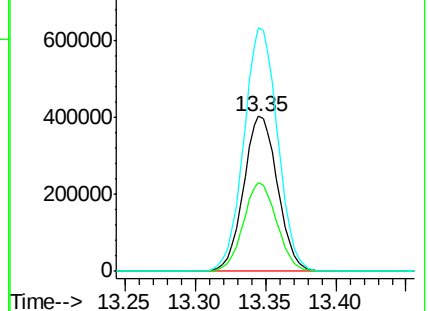
150 156.6 0.0 347.6



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: 12.53 min Scan# 3401

Delta R.T. 0.02 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

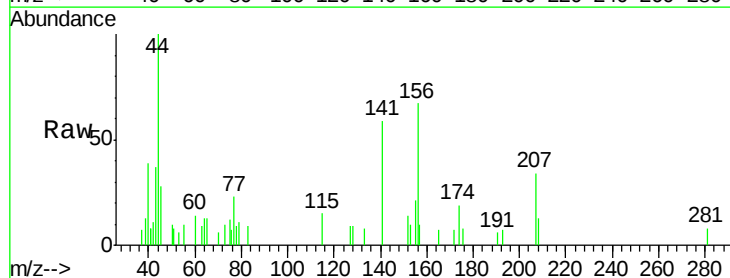
Tgt Ion: 83 Resp: 296

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

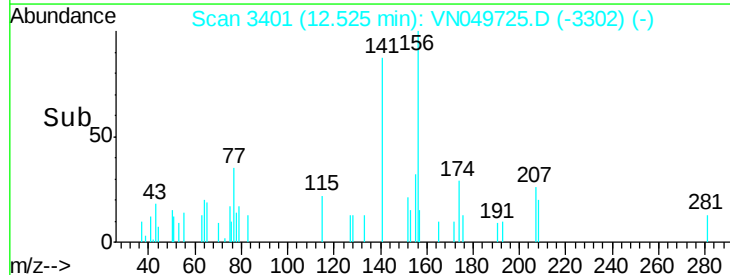
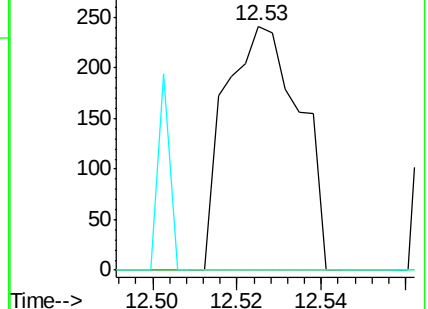
85 0.0 32.5 97.4#

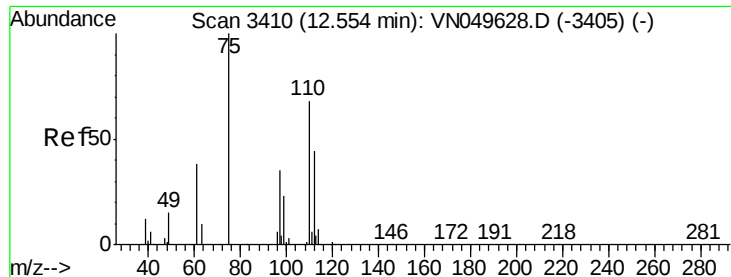


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.64 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

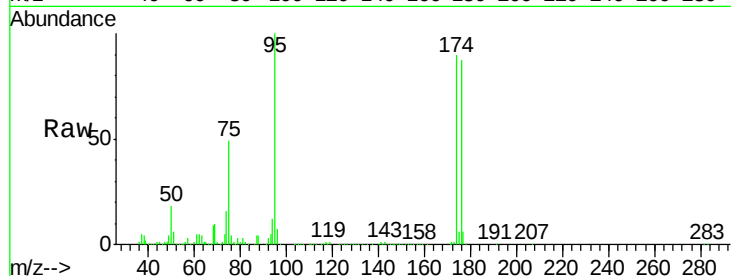
ClientSampled :

Tot Ion: 75 Resp: 388036

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

250000

200000

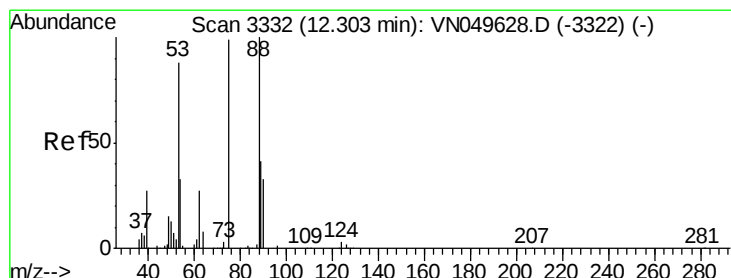
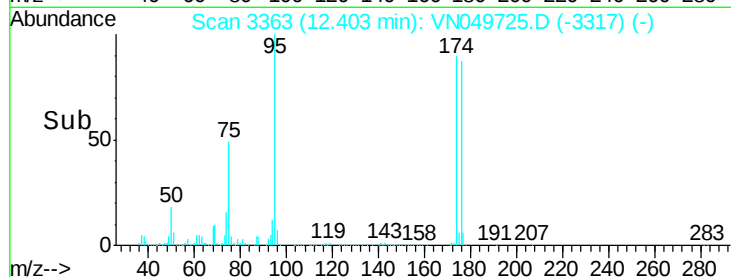
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 121.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

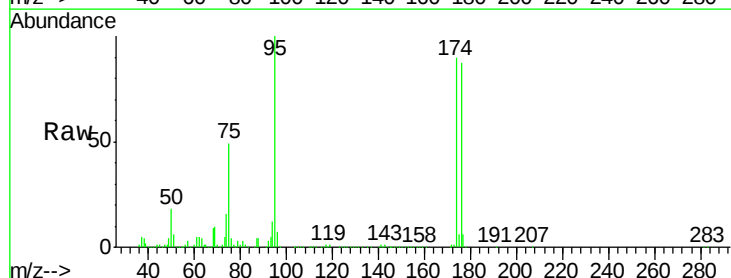
Tgt Ion: 75 Resp: 388036

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

300000

250000

200000

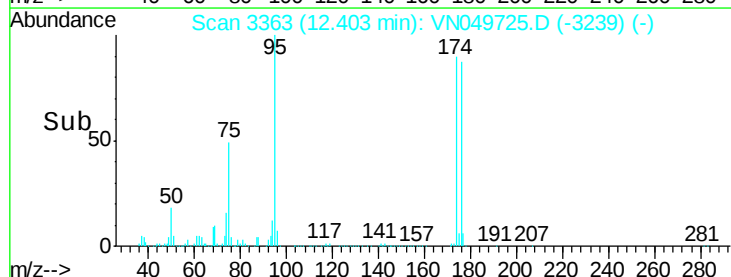
150000

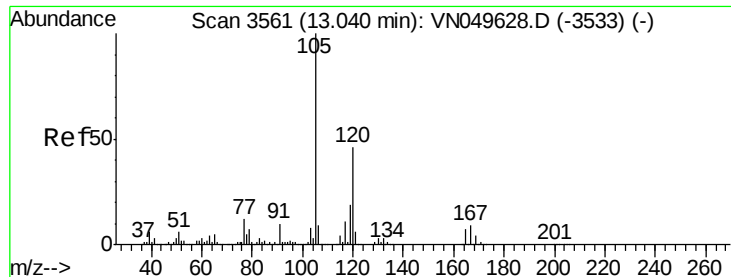
100000

50000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.23 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

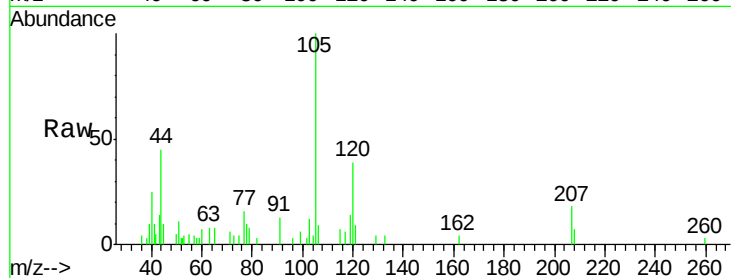
ClientSampled :

Tot Ion:105 Resp: 10726

Ion Ratio Lower Upper

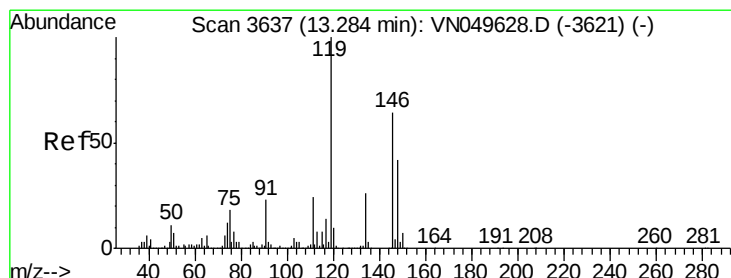
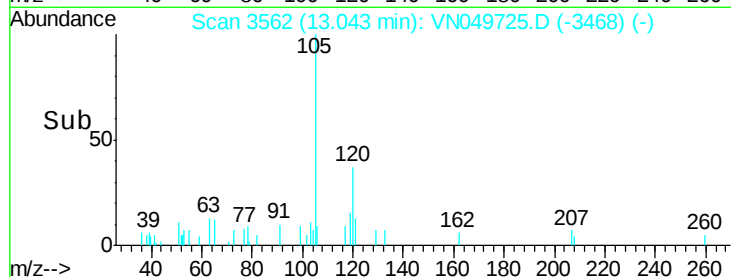
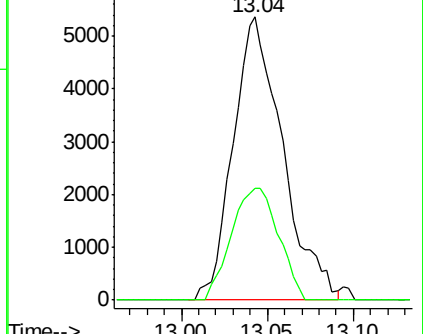
105 100

120 37.5 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 13.28 min Scan# 3635

Delta R.T. -0.01 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

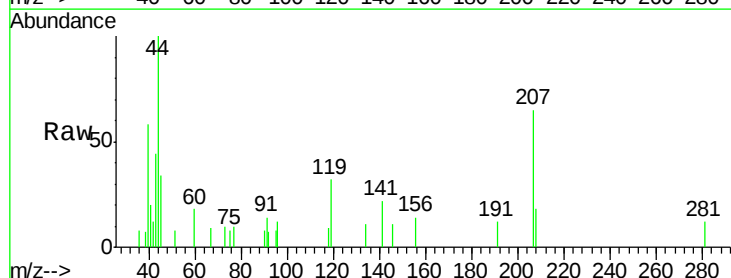
Tgt Ion:146 Resp: 250

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

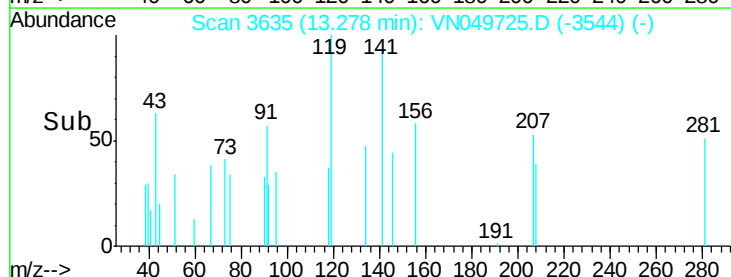
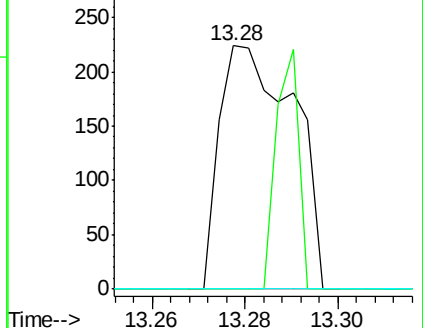
148 0.0 32.5 97.5#

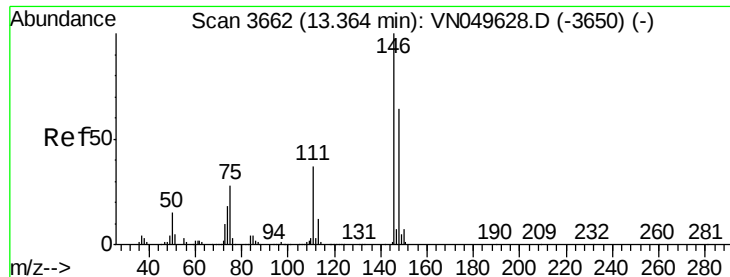


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

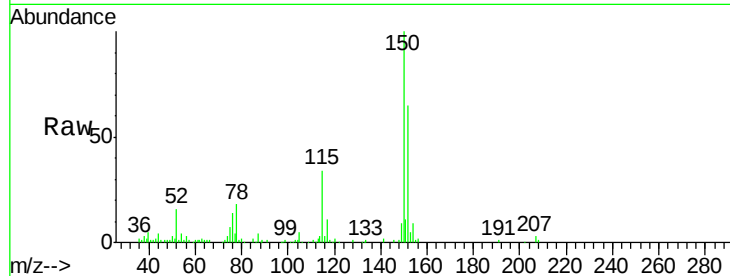




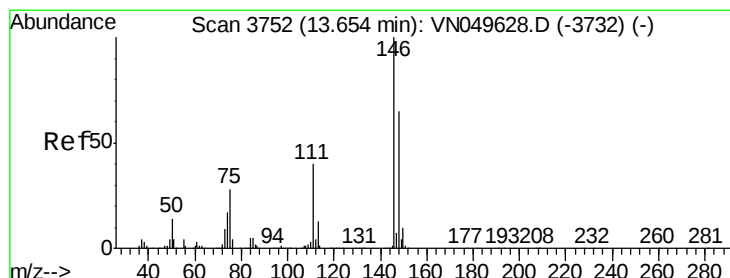
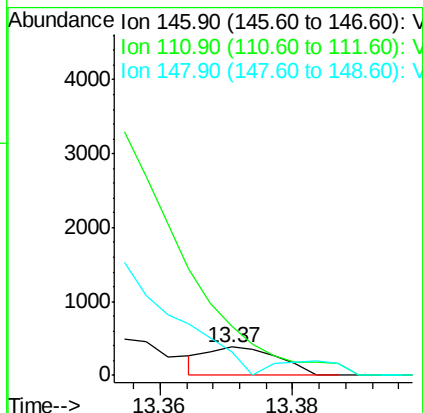
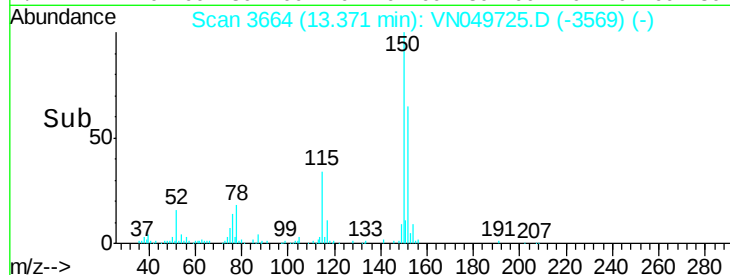
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.37 min Scan# 3664
 Delta R.T. 0.01 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.5#
148	48.2	32.1	96.3

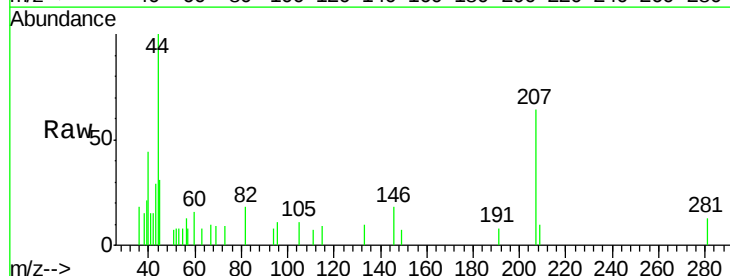


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

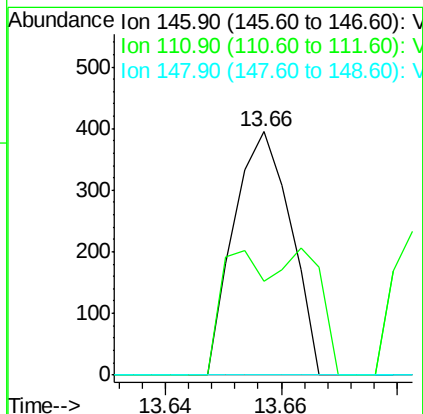
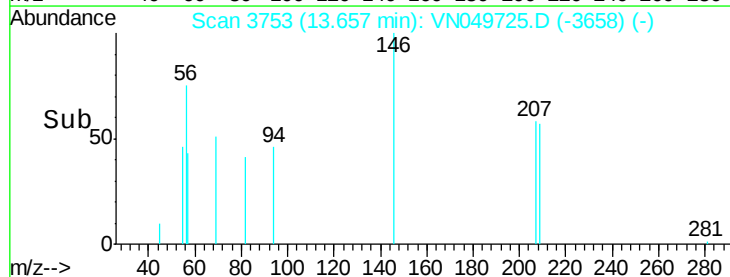


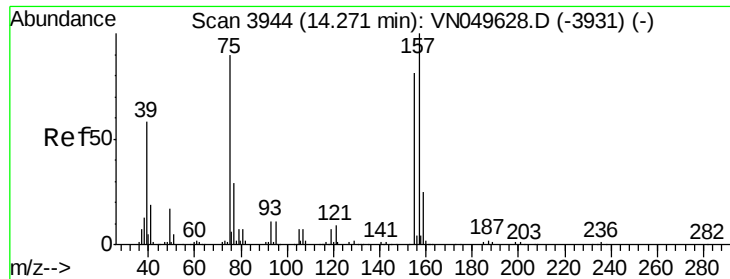
#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.7	59.1#
148	0.0	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

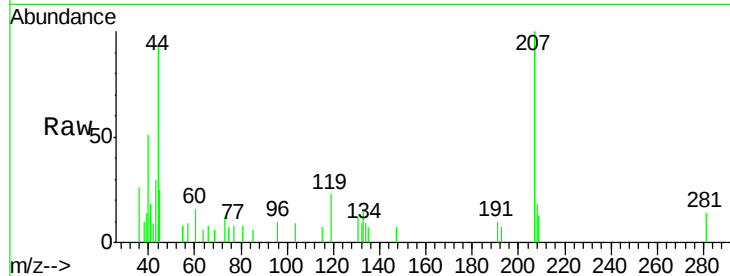




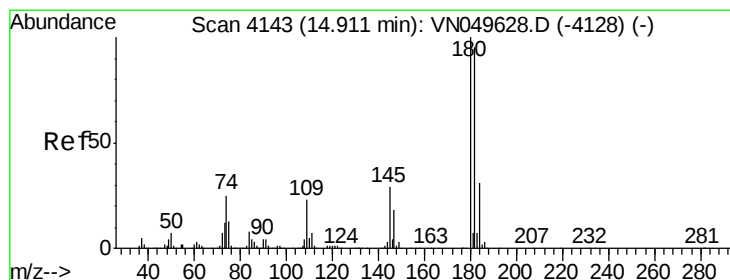
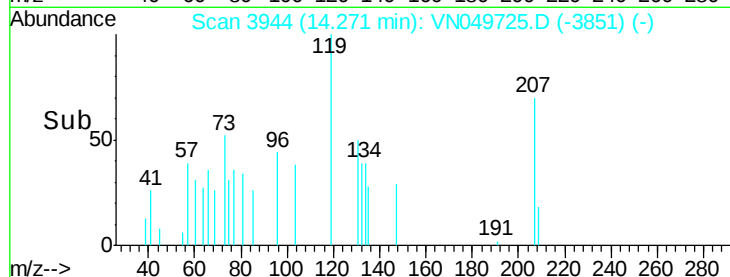
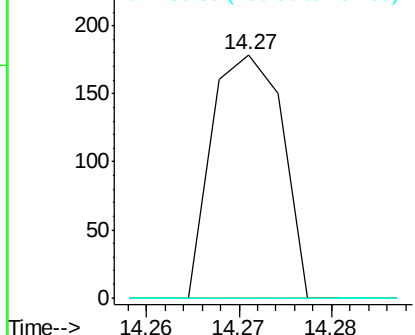
#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 94
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.7 137.1#
 157 0.0 56.9 170.7#

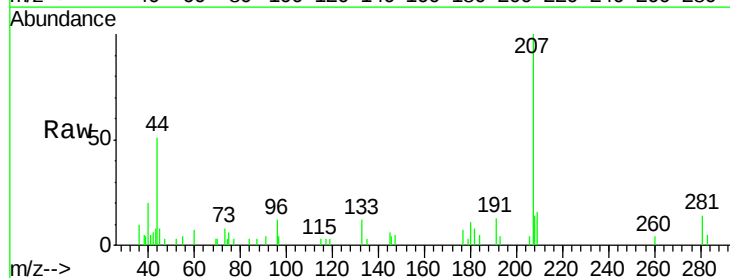


Abundance Ion 74.90 (74.60 to 75.60): VN049628.D (-3931) (-)
 Ion 154.80 (154.50 to 155.50): VN049628.D (-3931) (-)
 Ion 156.80 (156.50 to 157.50): VN049628.D (-3931) (-)

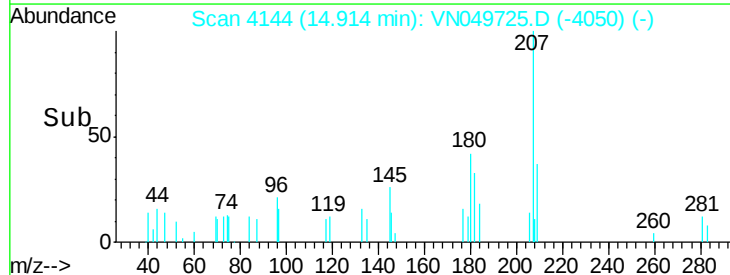
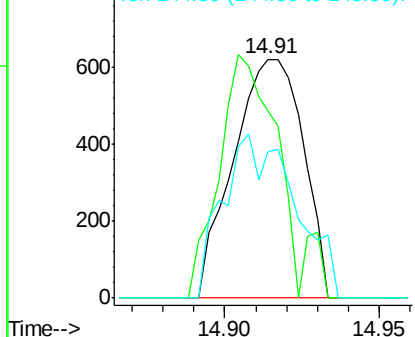


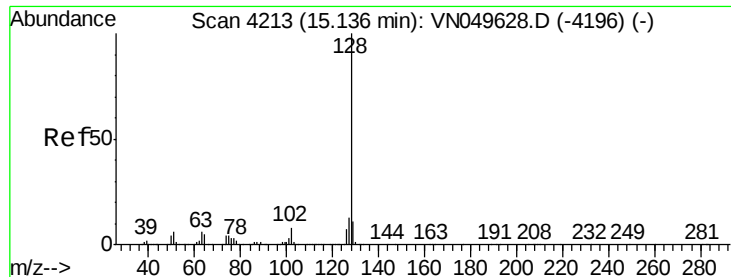
#93
 1,2,4-Trichlorobenzene
 Concen: 2.48 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049725.D
 Acq: 5 Jul 2018 20:26

Tgt Ion: 180 Resp: 976
 Ion Ratio Lower Upper
 180 100
 182 81.3 47.3 141.9
 145 36.2 14.4 43.0



Abundance Ion 179.80 (179.50 to 180.50): VN049628.D (-4128) (-)
 Ion 181.80 (181.50 to 182.50): VN049628.D (-4128) (-)
 Ion 144.80 (144.50 to 145.50): VN049628.D (-4128) (-)





#95

Naphthalene

Concen: 23.96 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. -0.00 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

Instrument :

MSVOA_N

ClientSampled :

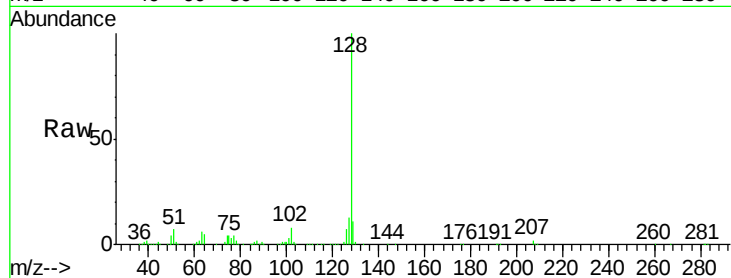
Tot Ion:128 Resp: 597557

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

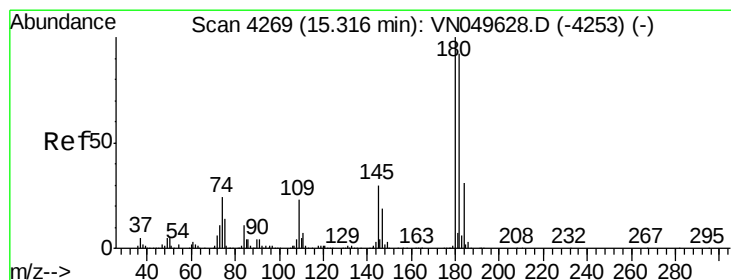
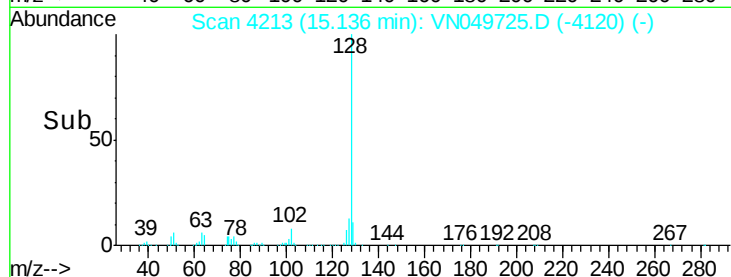
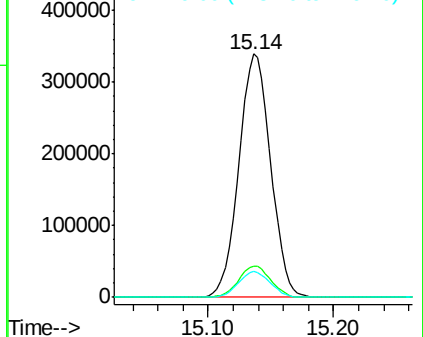
129 10.6 8.6 13.0



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: 1.66 ug/l

RT: 15.33 min Scan# 4273

Delta R.T. 0.01 min

Lab File: VN049725.D

Acq: 5 Jul 2018 20:26

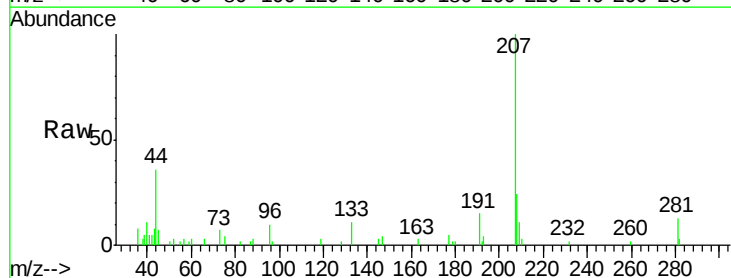
Tgt Ion:180 Resp: 108

Ion Ratio Lower Upper

180 100

182 58.3 47.4 142.2

145 0.0 15.2 45.6#



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

