

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050726.D
 Acq On : 17 Aug 2018 13:33
 Operator : MD\SY
 Sample : PB112140TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 23:13:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	624698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1006588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282680	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	421142	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
35) Dibromofluoromethane	7.59	113	393791	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	10.09	98	1402247	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.40	95	367344	36.76	ug/l	0.00
Spiked Amount			Recovery	=	73.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2710	Below Cal	#	81
5) Bromomethane	2.57	94	3921	Below Cal		95
6) Chloroethane	2.71	64	172	Below Cal	#	43
10) Methyl Iodide	3.96	142	858	7.09	ug/l	# 82
16) Acetone	3.83	43	27298	12.51	ug/l	97
17) Carbon Disulfide	4.05	76	5544	0.26	ug/l	95
18) Methyl Acetate	4.33	43	11615	1.13	ug/l	# 82
20) Methylene Chloride	4.56	84	20449	1.50	ug/l	96
25) 2-Butanone	6.85	43	4369	1.35	ug/l	96
29) Tetrahydrofuran	7.21	42	809	0.48	ug/l	# 58
31) Cyclohexane	7.67	56	11841	0.65	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	42929	3.83	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	56319	4.85	ug/l	# 16
43) Isopropyl Acetate	8.17	43	240348	20.82	ug/l	99
48) Methyl methacrylate	9.18	41	6310	1.09	ug/l	# 23
51) 4-Methyl-2-Pentanone	9.99	43	3685	0.47	ug/l	# 64
56) Ethyl methacrylate	10.43	69	188	1.92	ug/l	# 73
58) 2-Chloroethyl Vinyl ether	9.70	63	111	10.44	ug/l	# 48
59) 2-Hexanone	10.77	43	20223	4.01	ug/l	# 60
70) Styrene	11.97	104	1574	1.01	ug/l	# 85
75) 1,1,2,2-Tetrachloroethane	12.50	83	225	Below Cal	#	93
76) 1,2,3-Trichloropropane	12.40	75	174706	38.01	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	4680	0.26	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	174706	137.40	ug/l	# 13
87) 1,3-Dichlorobenzene	13.28	146	2220	0.22	ug/l	94
88) 1,4-Dichlorobenzene	13.28	146	2220	0.22	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	2356	0.24	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.26	75	250	0.32	ug/l	# 11
93) 1,2,4-Trichlorobenzene	14.92	180	3365	3.30	ug/l	91
94) Hexachlorobutadiene	15.01	225	1403	0.46	ug/l	95
95) Naphthalene	15.14	128	7597	4.51	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	3586	2.66	ug/l	# 87

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

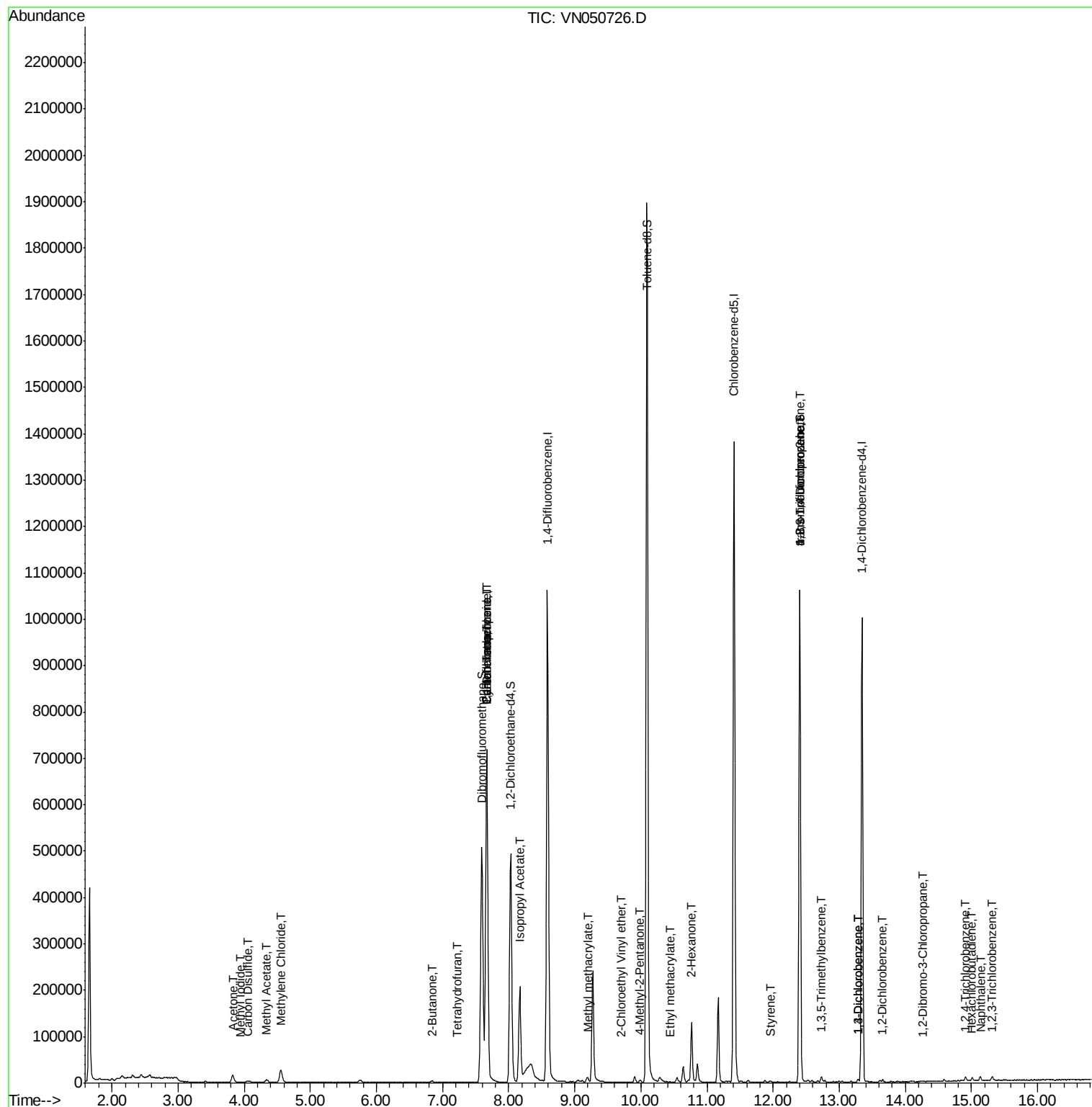
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

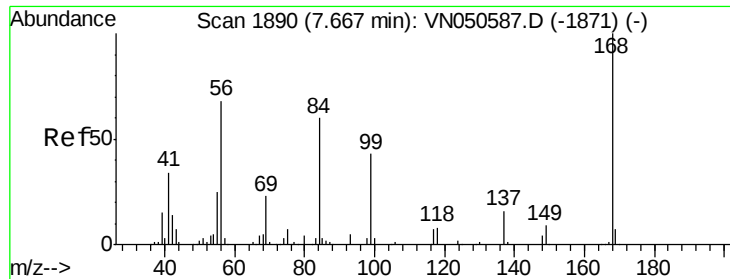
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050726.D
Acq On : 17 Aug 2018 13:33
Operator : MD\SY
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

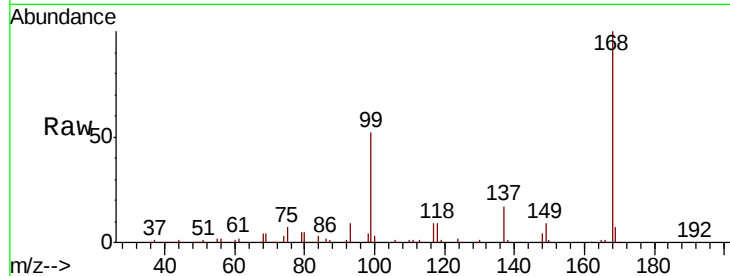
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 624698

Ion Ratio Lower Upper

168 100

99 51.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

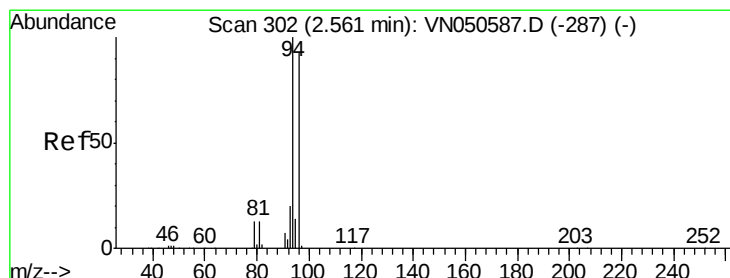
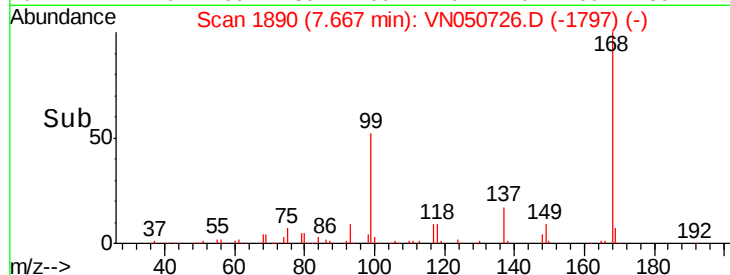
150000

100000

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Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050726.D

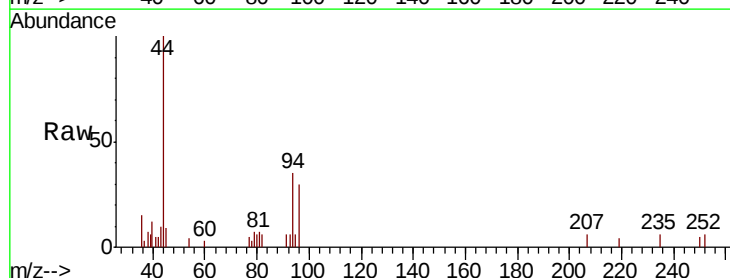
Acq: 17 Aug 2018 13:33

Tgt Ion: 94 Resp: 3921

Ion Ratio Lower Upper

94 100

96 87.7 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN050587.D (-287) (-)

Ion 95.90 (95.60 to 96.60): VN050587.D (-287) (-)

2.57

2000

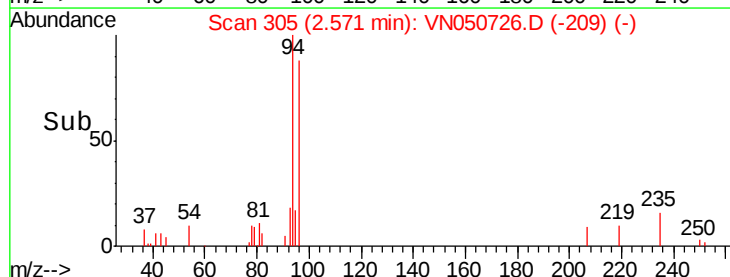
1500

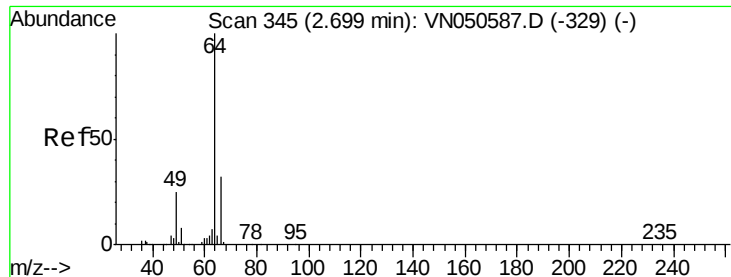
1000

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Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.71 min Scan# 347

Delta R.T. 0.01 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

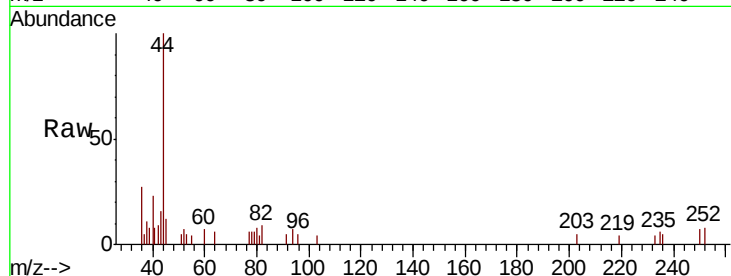
ClientSampled :

Tot Ion: 64 Resp: 172

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN050726.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN050726.D (-252) (-)

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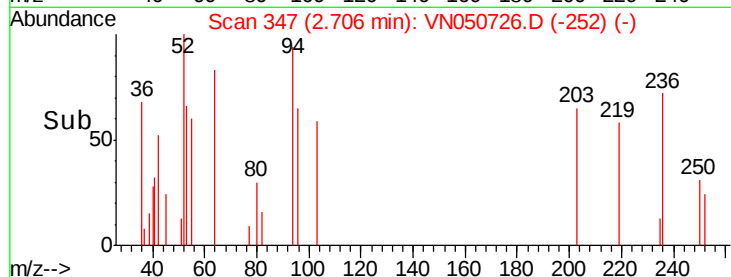
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#10

Methyl Iodide

Concen: 7.09 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

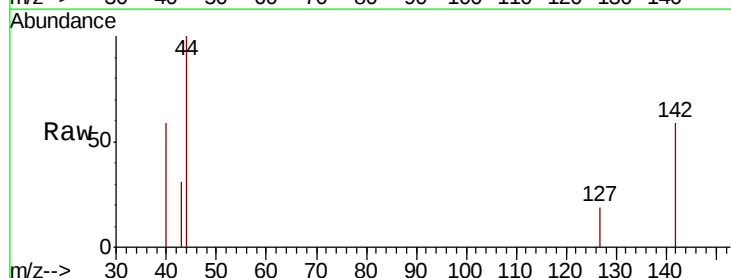
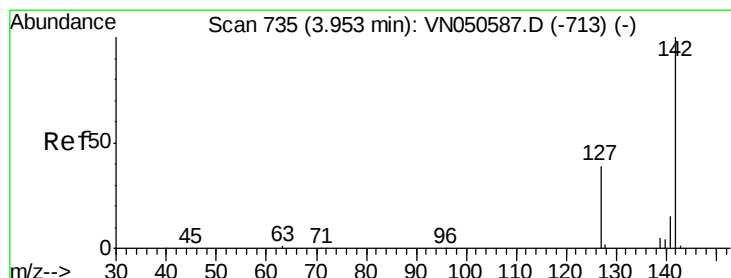
Tgt Ion:142 Resp: 858

Ion Ratio Lower Upper

142 100

127 33.6 32.6 49.0

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VN050726.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050726.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050726.D (-642) (-)

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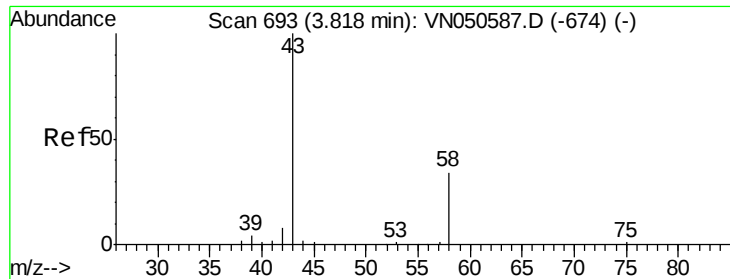
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#16

Acetone

Concen: 12.51 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

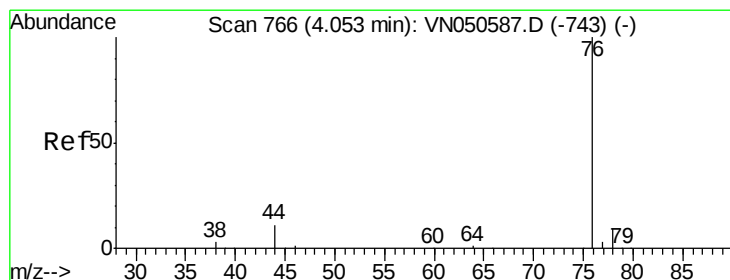
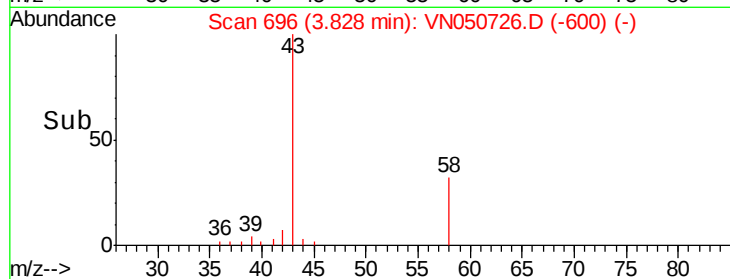
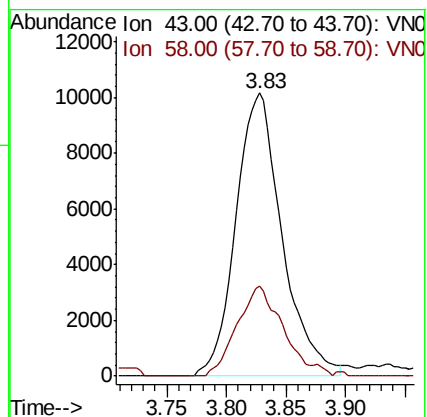
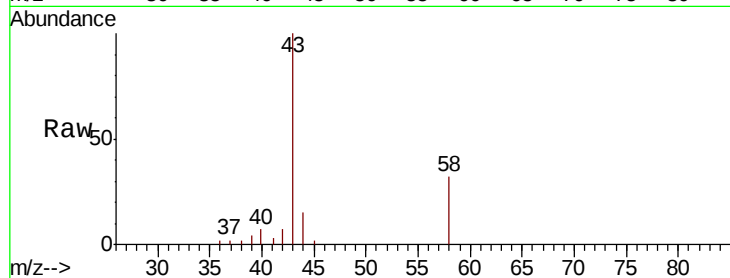
ClientSampled :

Tot Ion: 43 Resp: 27298

Ion Ratio Lower Upper

43 100

58 32.0 27.1 40.7



#17

Carbon Disulfide

Concen: 0.26 ug/l

RT: 4.05 min Scan# 766

Delta R.T. -0.00 min

Lab File: VN050726.D

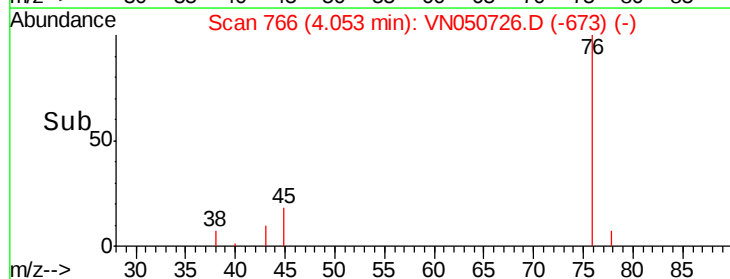
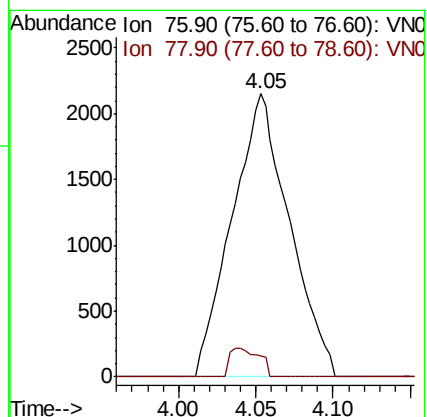
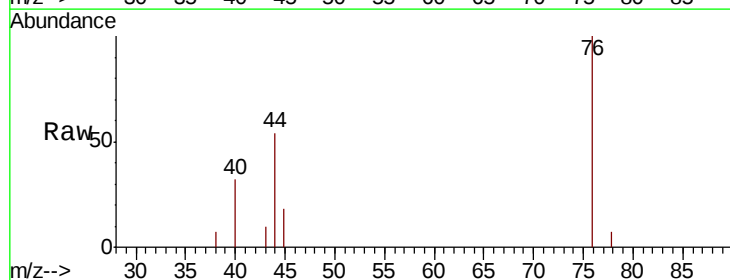
Acq: 17 Aug 2018 13:33

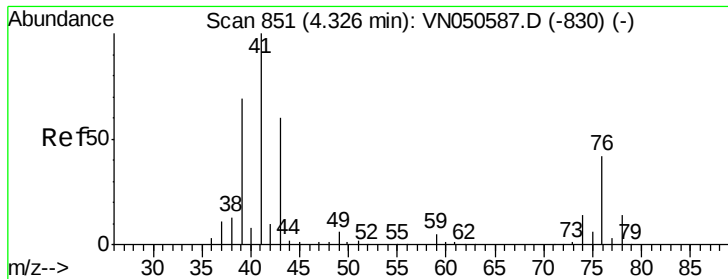
Tgt Ion: 76 Resp: 5544

Ion Ratio Lower Upper

76 100

78 7.3 7.3 10.9

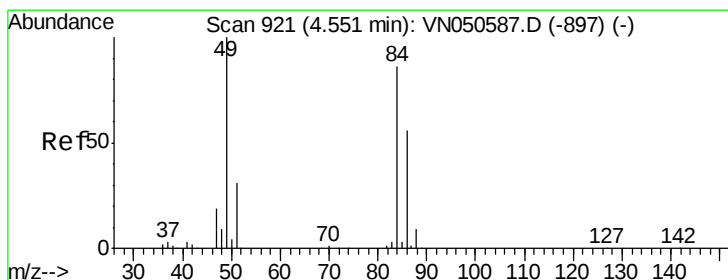
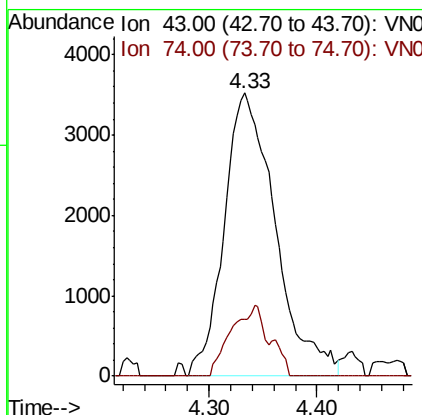
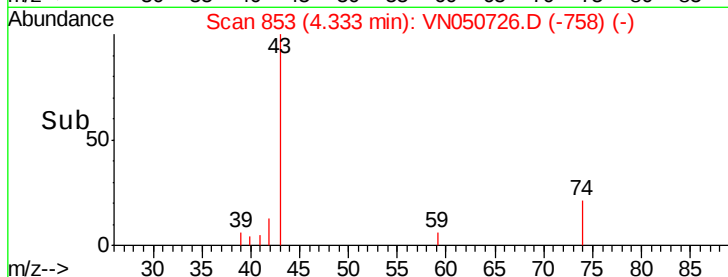
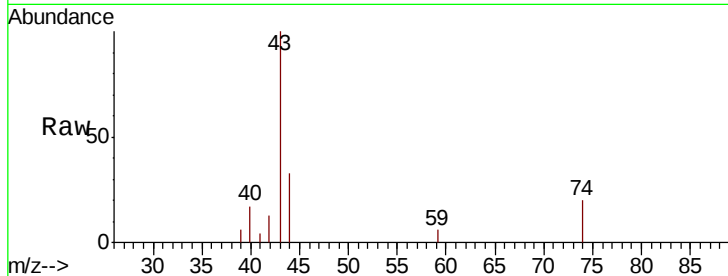




#18
Methyl Acetate
Concen: 1.13 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

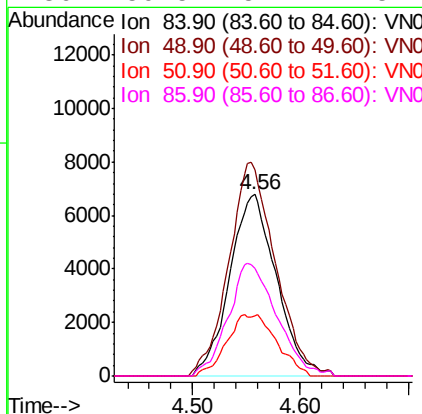
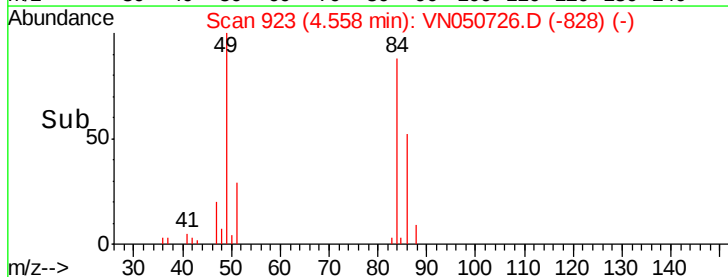
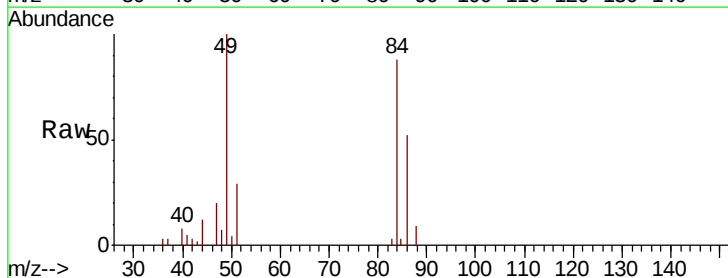
Instrument :
MSVOA_N
ClientSampled :

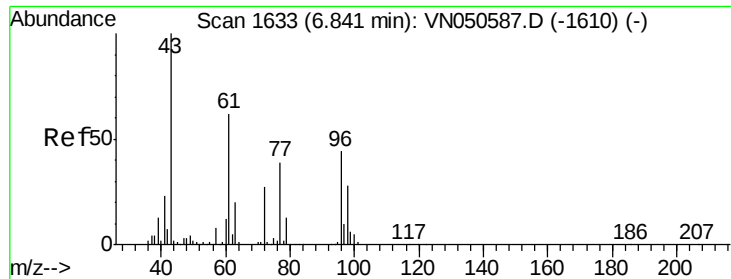
Tot Ion: 43 Resp: 11615
Ion Ratio Lower Upper
43 100
74 15.9 19.7 29.5#



#20
Methylene Chloride
Concen: 1.50 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 84 Resp: 20449
Ion Ratio Lower Upper
84 100
49 113.7 92.6 138.8
51 33.5 28.6 43.0
86 59.5 52.2 78.2

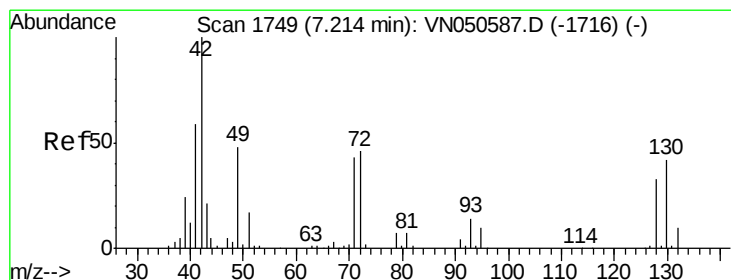
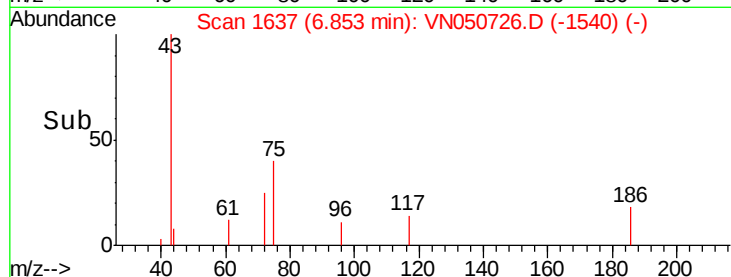
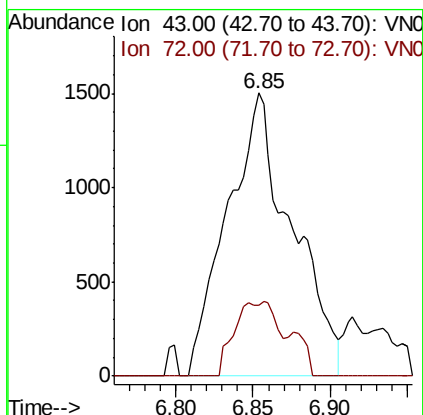
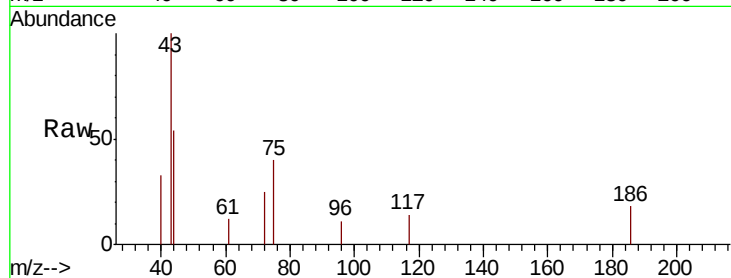




#25
2-Butanone
Concen: 1.35 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

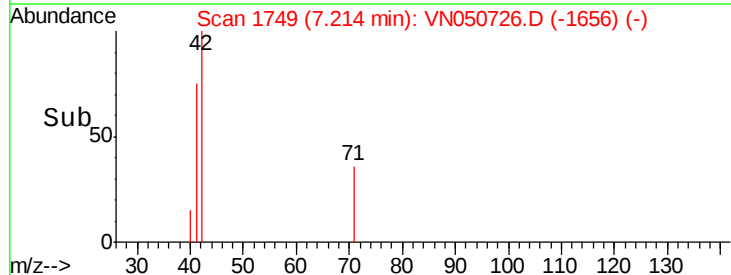
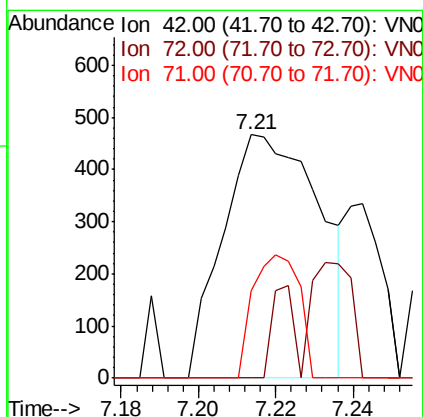
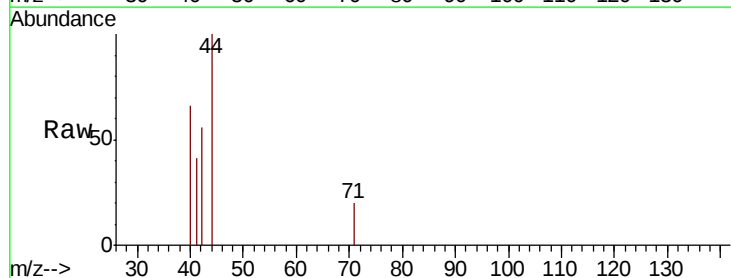
Instrument :
MSVOA_N
ClientSampleId :

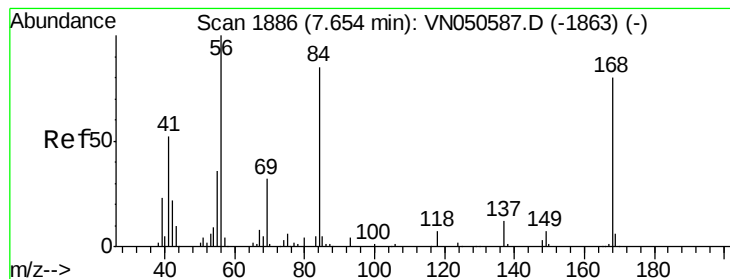
Tot Ion: 43 Resp: 4369
Ion Ratio Lower Upper
43 100
72 25.0 21.8 32.6



#29
Tetrahydrofuran
Concen: 0.48 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 42 Resp: 809
Ion Ratio Lower Upper
42 100
72 8.3 35.8 53.6#
71 24.4 33.4 50.0#





#31

Cyclohexane

Concen: 0.65 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampled :

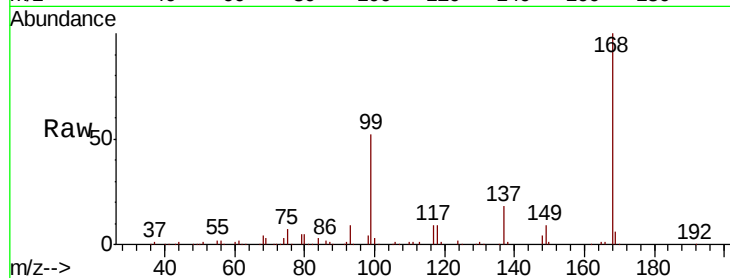
Tot Ion: 56 Resp: 11841

Ion Ratio Lower Upper

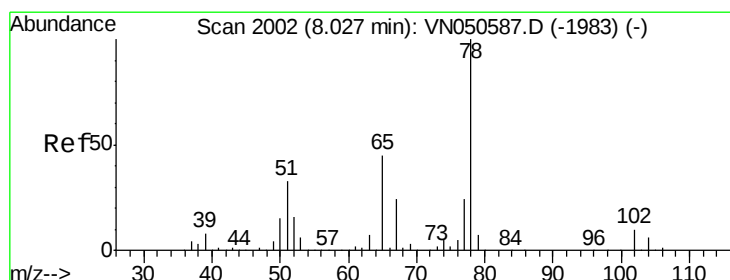
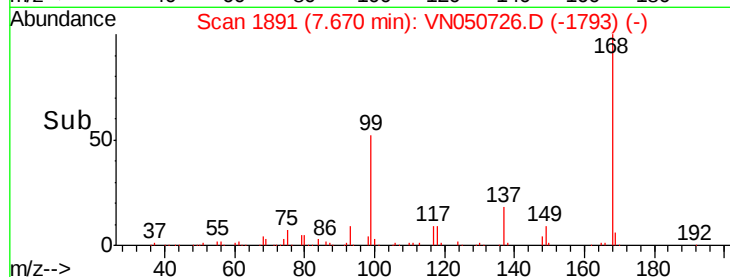
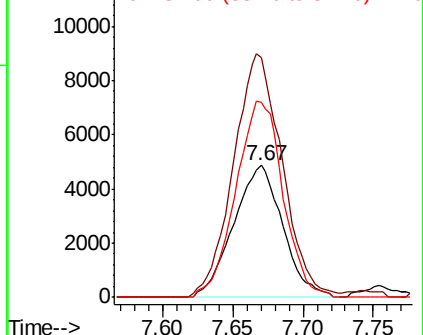
56 100

69 181.9 25.8 38.6#

84 147.2 67.8 101.6#



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: 53.48 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050726.D

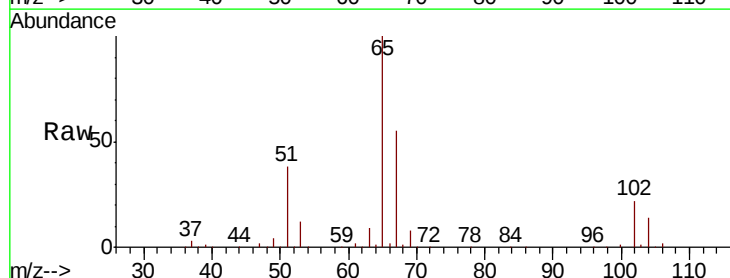
Acq: 17 Aug 2018 13:33

Tgt Ion: 65 Resp: 421142

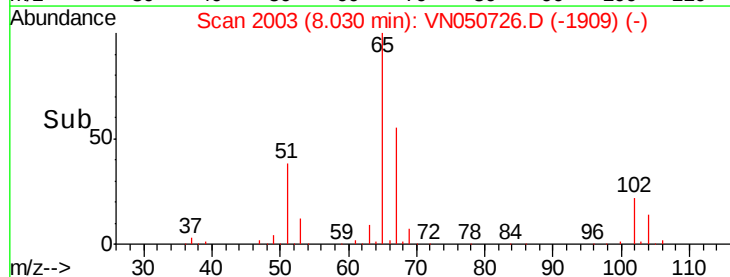
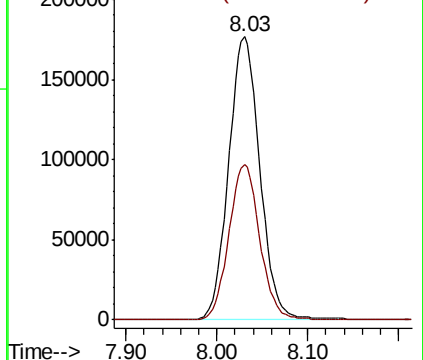
Ion Ratio Lower Upper

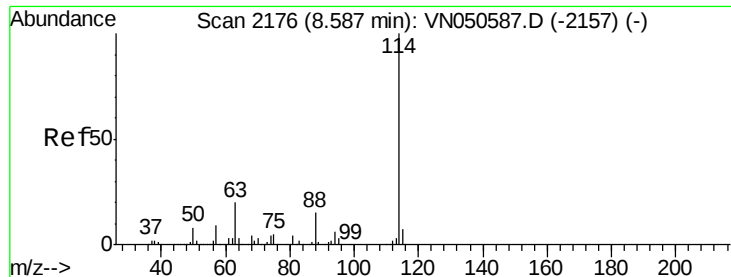
65 100

67 54.4 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

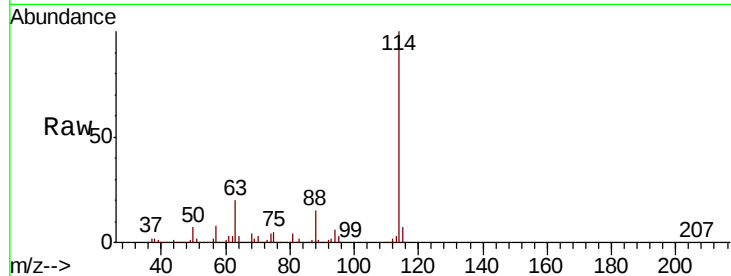




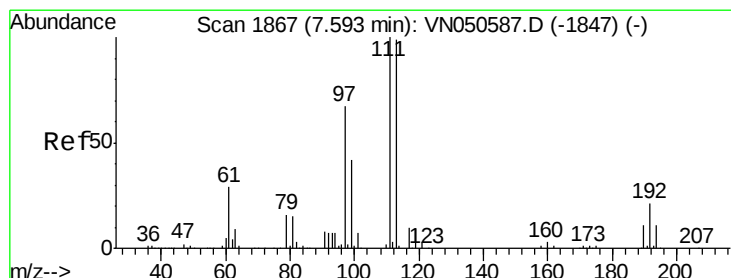
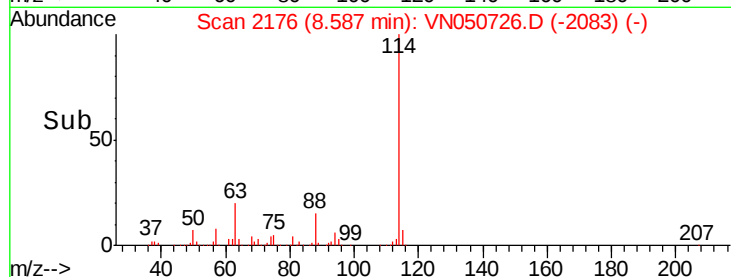
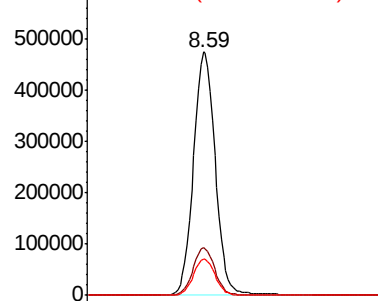
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1006588
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.0 0.0 30.8

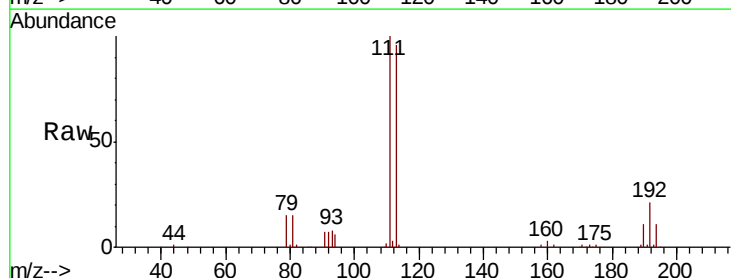


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

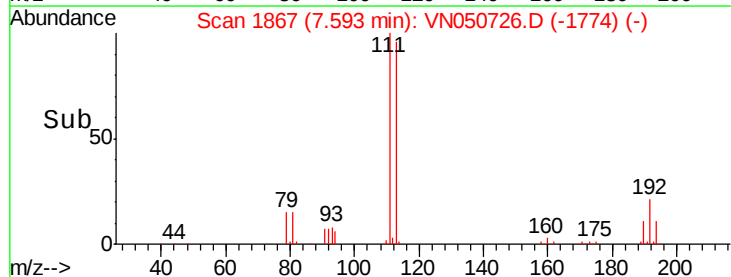
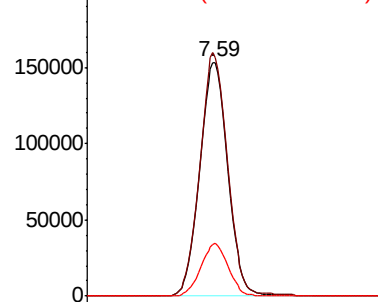


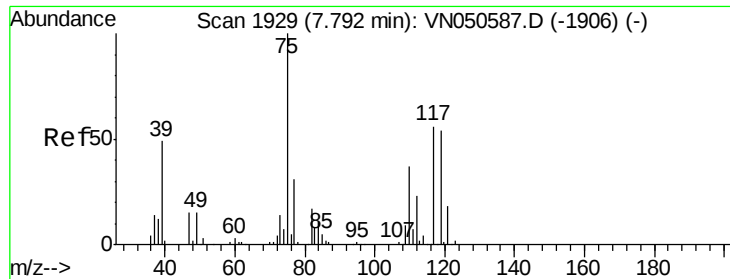
#35
 Dibromofluoromethane
 Concen: 49.00 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

Tgt Ion:113 Resp: 393791
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.0 121.6
 192 22.1 17.6 26.4



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

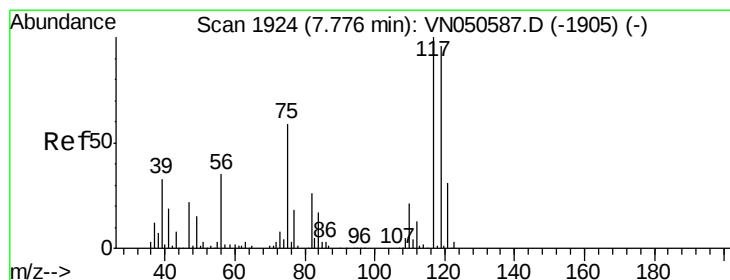
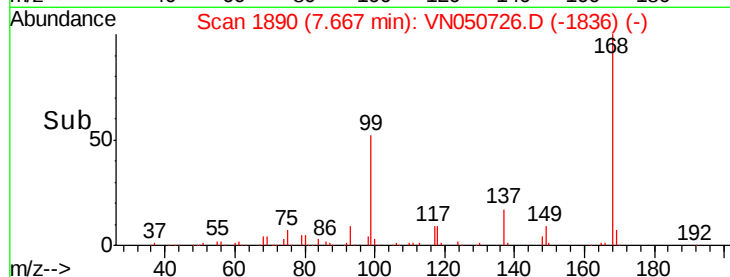
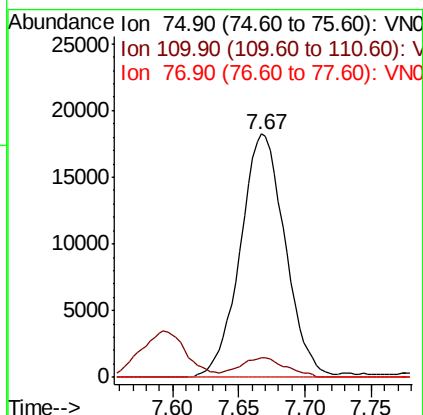
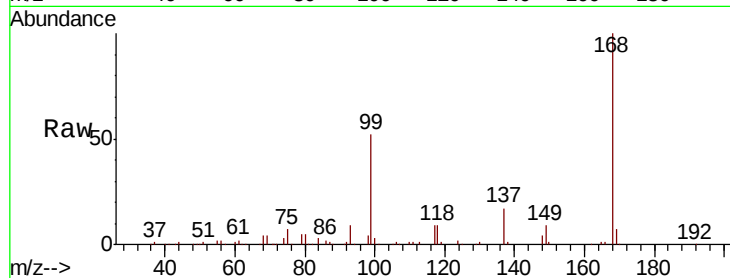




#36
 1,1-Dichloropropene
 Concen: 3.83 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

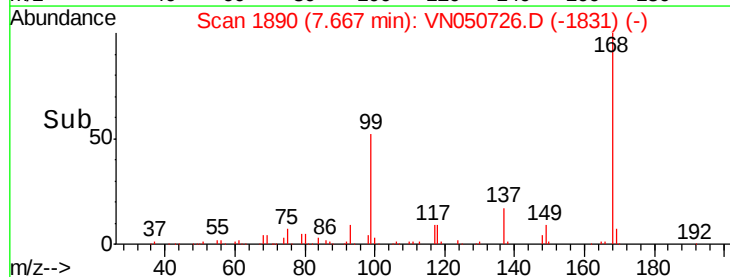
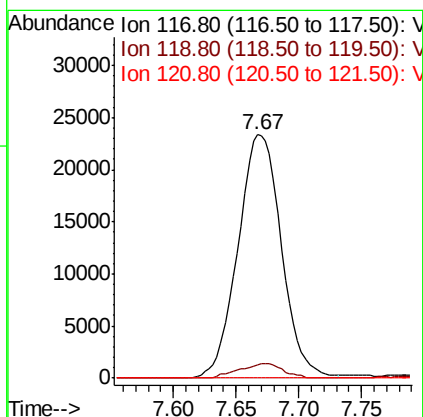
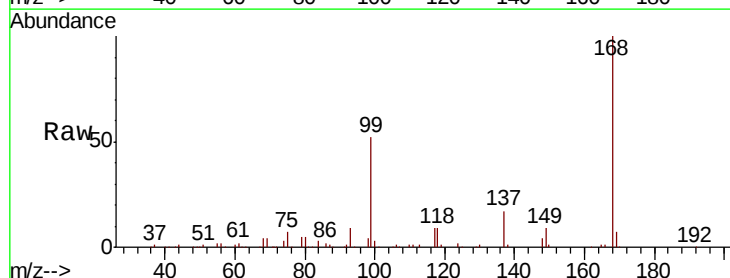
Instrument :
 MSVOA_N
 ClientSampleId :

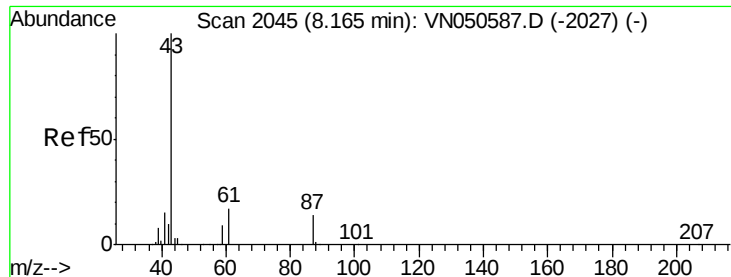
Tot Ion	75	Resp	42929
Ion Ratio	100	Lower	Upper
75	100		
110	8.4	18.3	54.9#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 4.85 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

Tgt Ion	117	Resp	56319
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.6	76.6	115.0#
121	0.0	25.0	37.6#



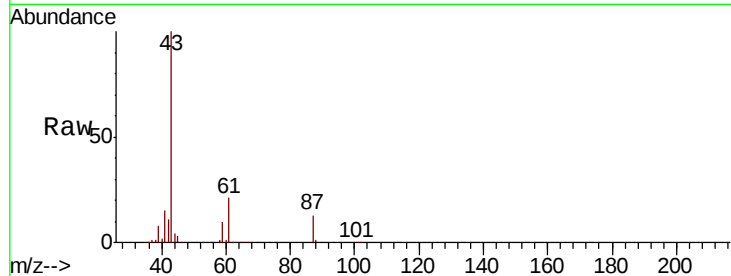


#43

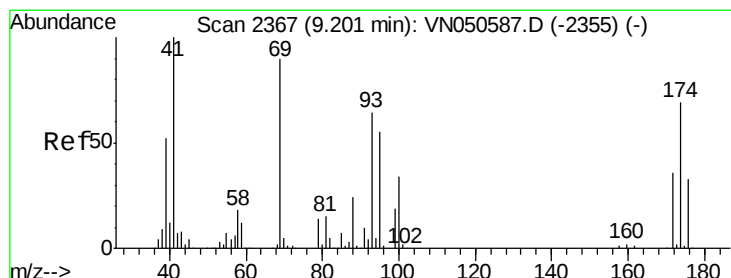
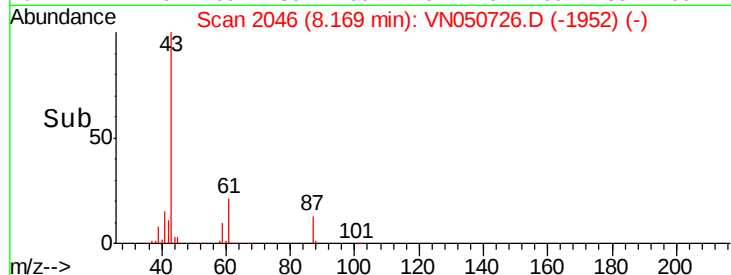
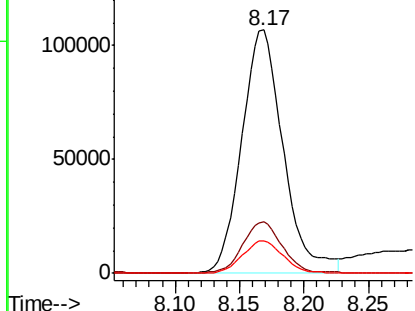
Isopropyl Acetate
 Concen: 20.82 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.2
87	13.0	10.9	16.3



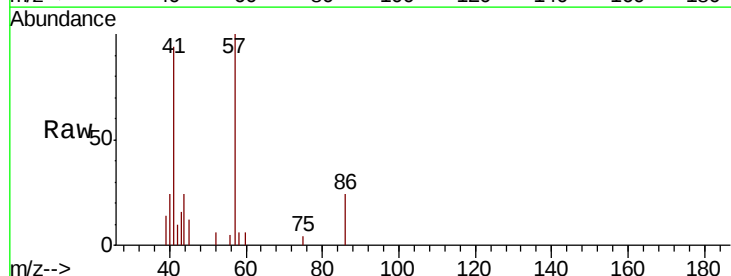
Abundance Ion 43.00 (42.70 to 43.70): VNC
 Ion 61.00 (60.70 to 61.70): VNC
 Ion 87.00 (86.70 to 87.70): VNC



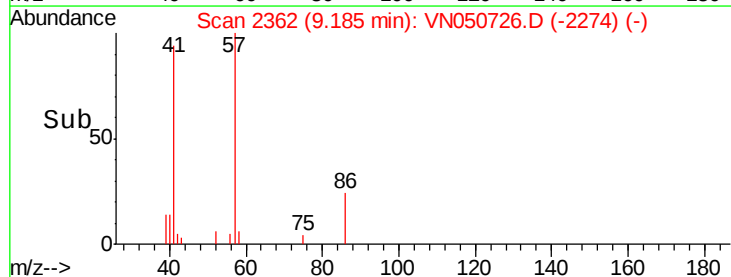
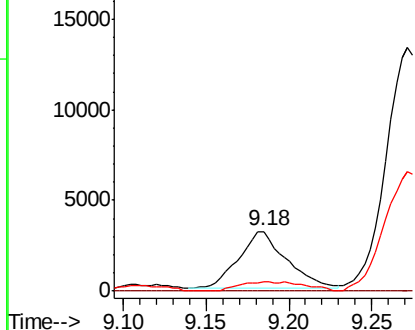
#48

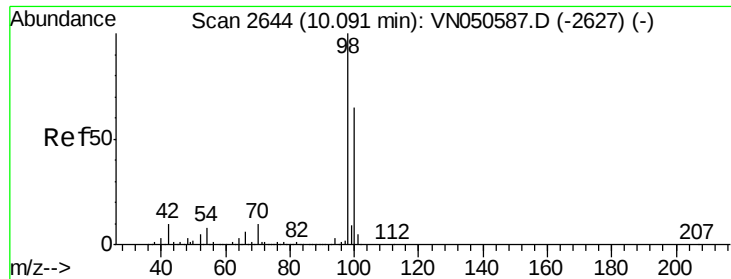
Methyl methacrylate
 Concen: 1.09 ug/l
 RT: 9.18 min Scan# 2362
 Delta R.T. -0.02 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.4	110.0#
39	21.8	43.0	64.6#



Abundance Ion 41.00 (40.70 to 41.70): VNC
 Ion 69.00 (68.70 to 69.70): VNC
 Ion 39.00 (38.70 to 39.70): VNC

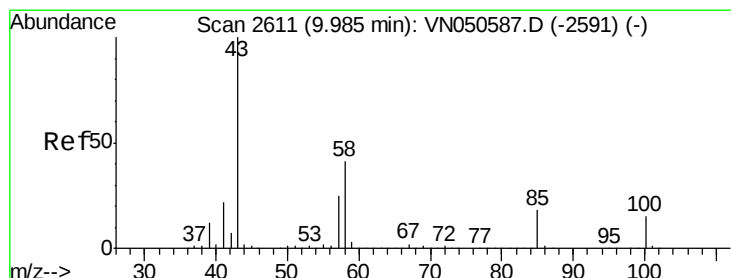
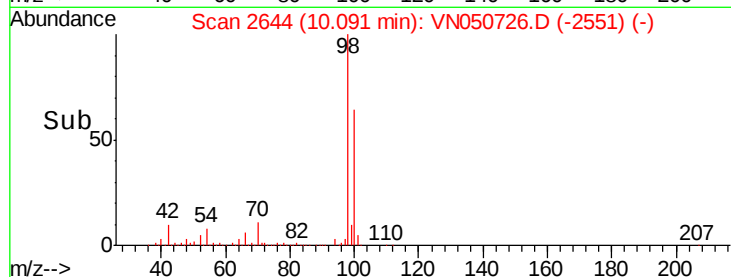
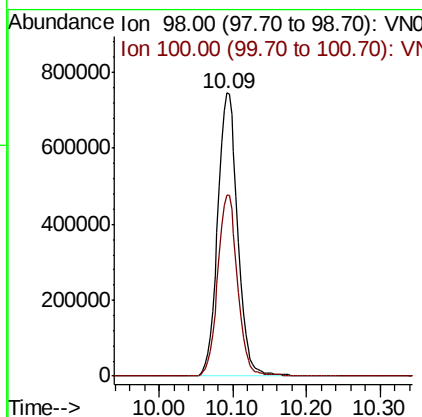
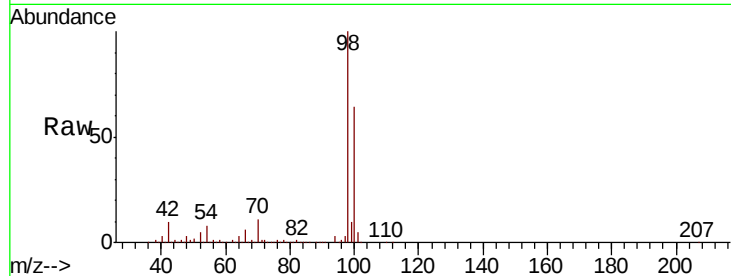




#50
Toluene-d8
Concen: 46.36 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

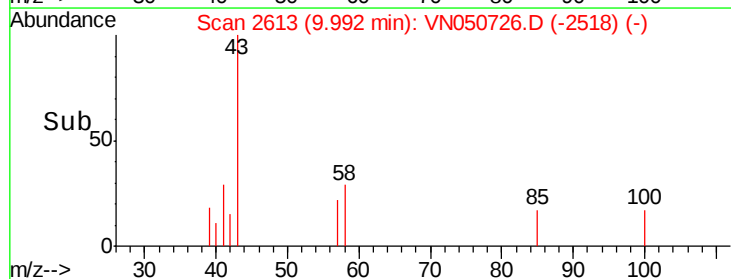
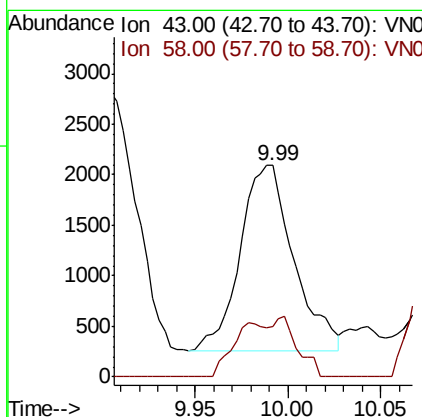
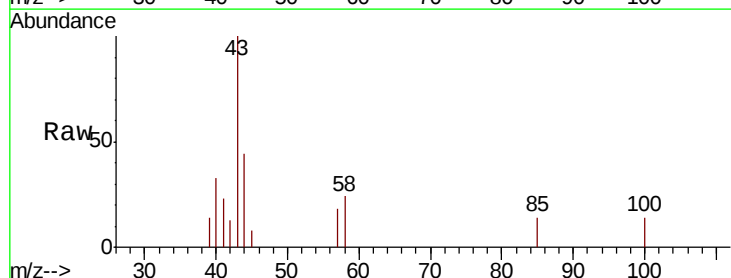
Instrument :
MSVOA_N
ClientSampled :

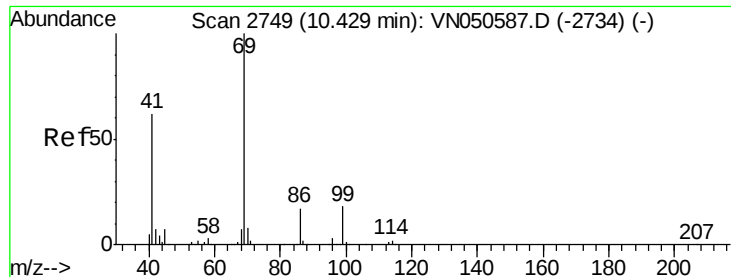
Tot Ion: 98 Resp: 1402247
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 43 Resp: 3685
Ion Ratio Lower Upper
43 100
58 18.5 32.5 48.7#





#56

Ethyl methacrylate

Concen: 1.92 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampled :

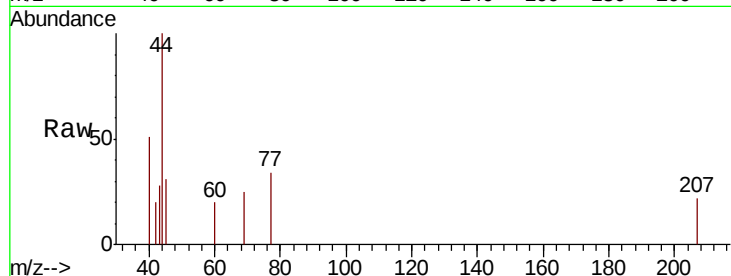
Tot Ion: 69 Resp: 188

Ion Ratio Lower Upper

69 100

41 72.3 49.7 74.5

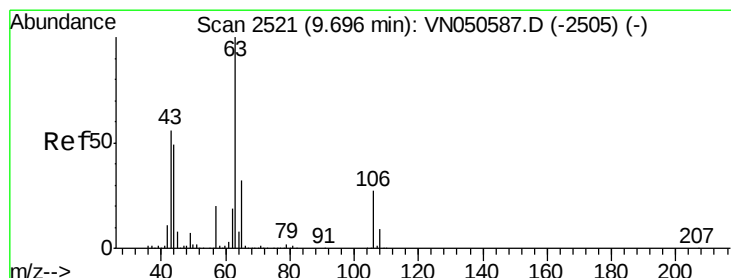
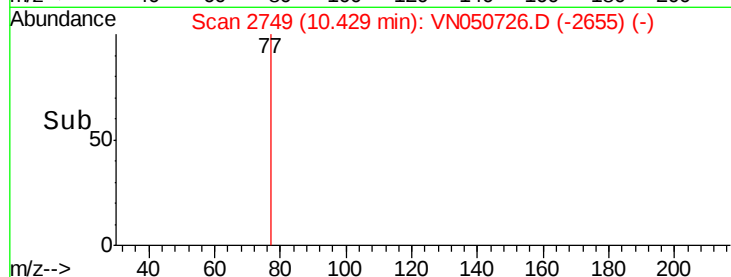
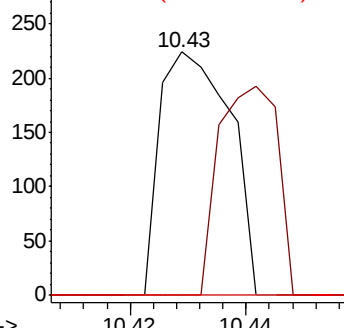
39 0.0 24.2 36.2#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 10.44 ug/l

RT: 9.70 min Scan# 2523

Delta R.T. 0.01 min

Lab File: VN050726.D

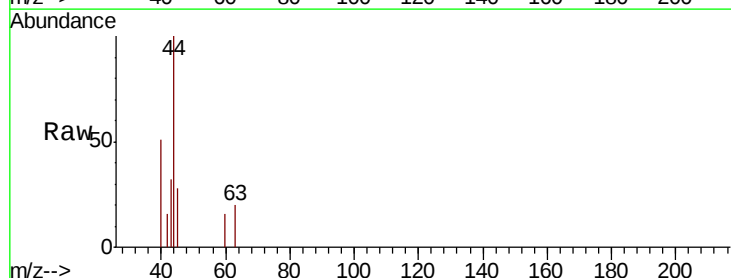
Acq: 17 Aug 2018 13:33

Tgt Ion: 63 Resp: 111

Ion Ratio Lower Upper

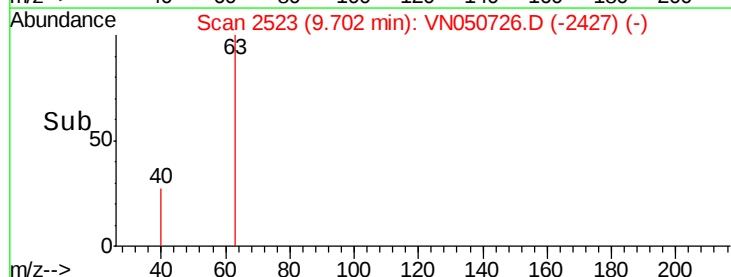
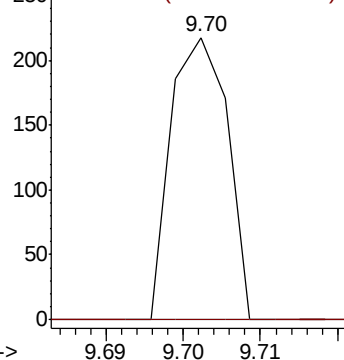
63 100

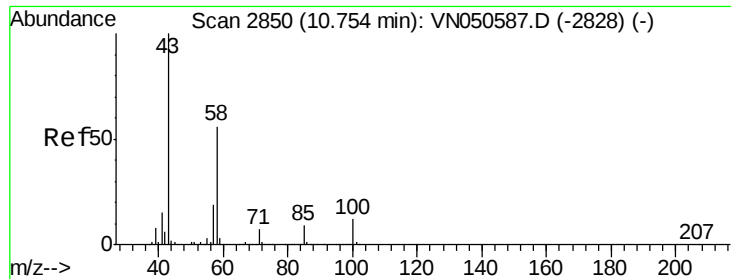
106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

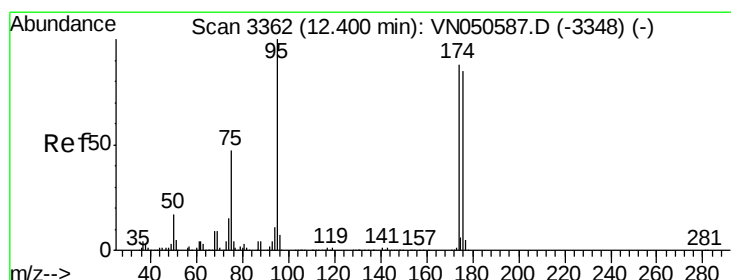
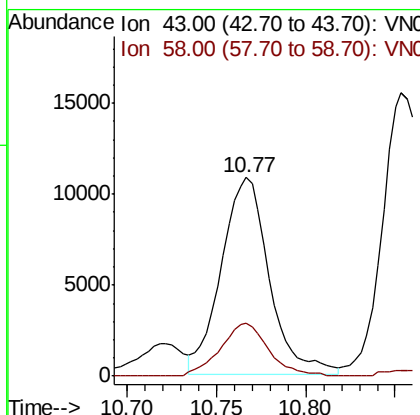
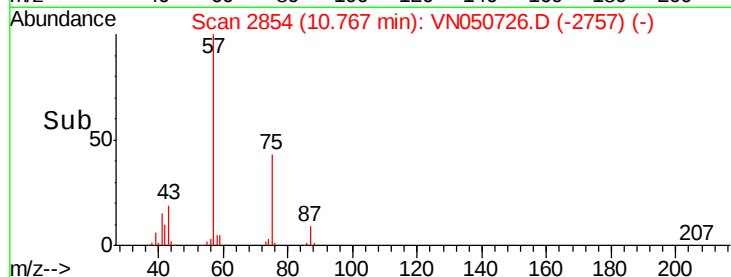
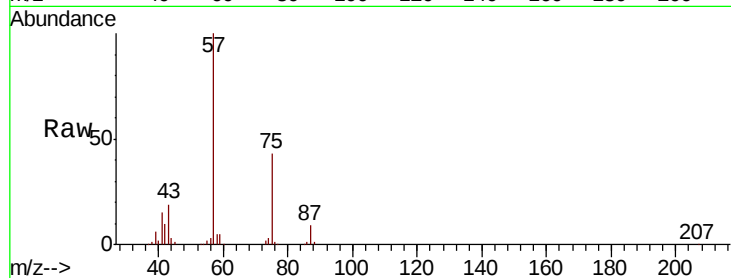




#59
2-Hexanone
Concen: 4.01 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

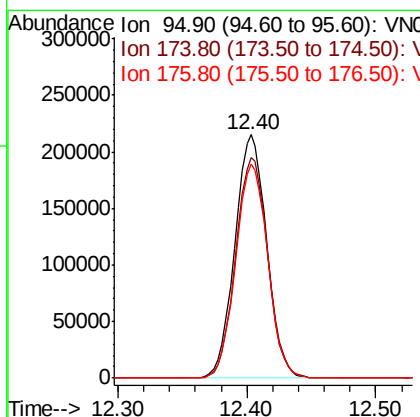
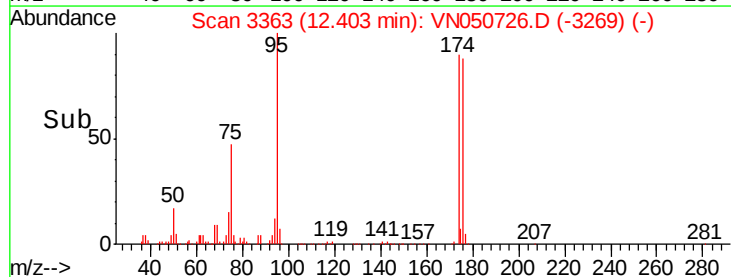
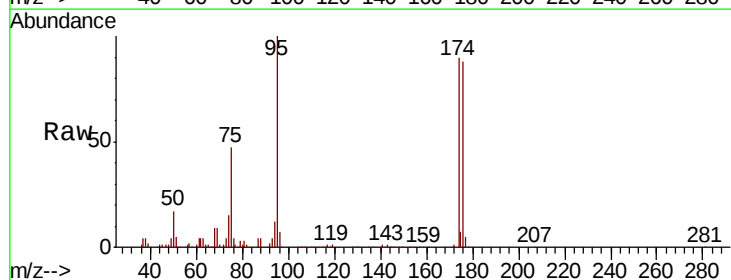
Instrument :
MSVOA_N
ClientSampleId :

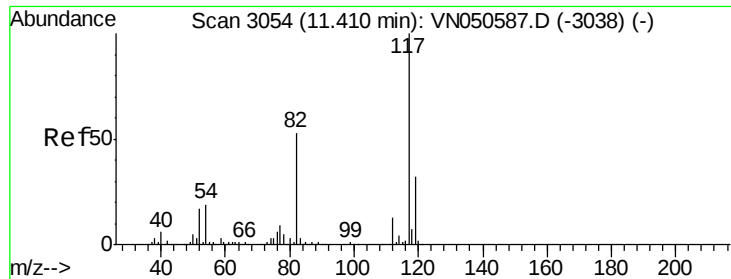
Tot Ion: 43 Resp: 20223
Ion Ratio Lower Upper
43 100
58 27.0 28.0 84.0#



#62
4-Bromofluorobenzene
Concen: 36.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion: 95 Resp: 367344
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.8
176 88.8 0.0 175.0

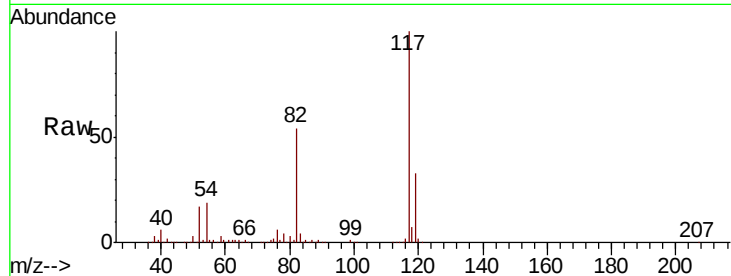




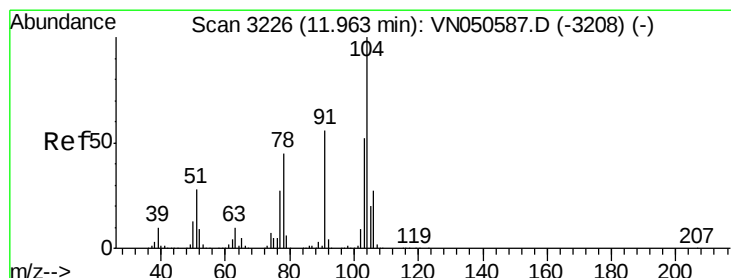
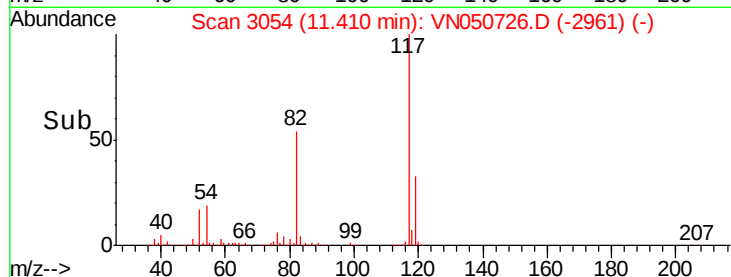
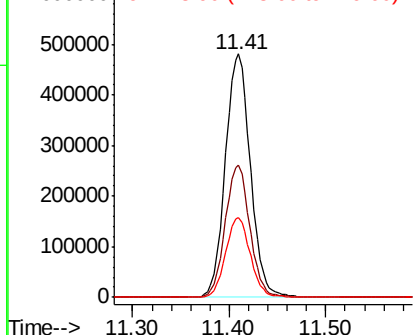
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 863112
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.9 25.8 38.8

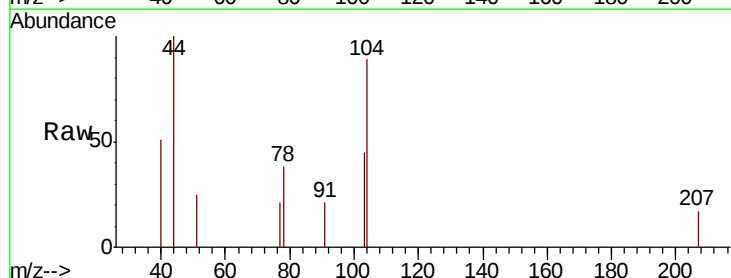


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

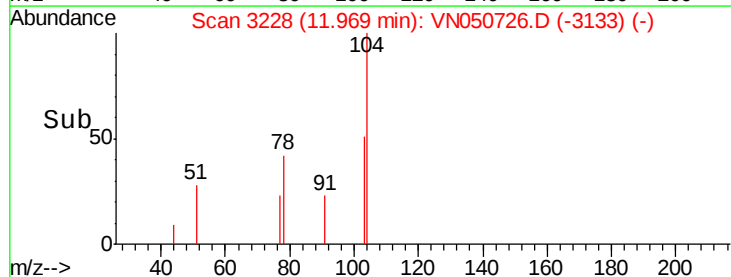
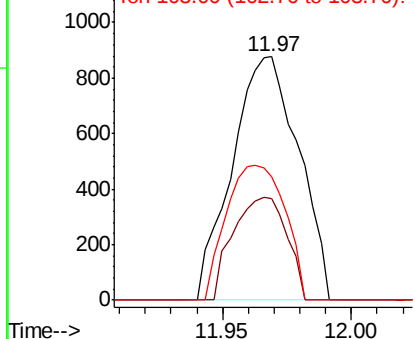


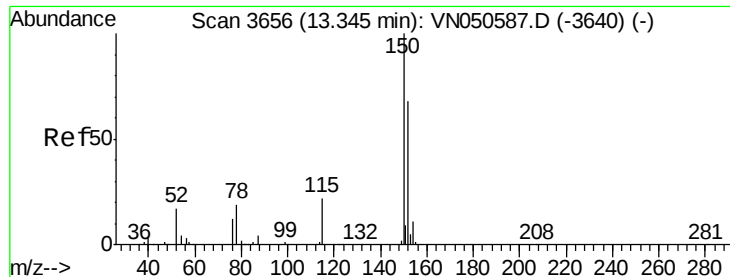
#70
Styrene
Concen: 1.01 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050726.D
Acq: 17 Aug 2018 13:33

Tgt Ion:104 Resp: 1574
Ion Ratio Lower Upper
104 100
78 34.2 39.1 58.7#
103 48.9 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): 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: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

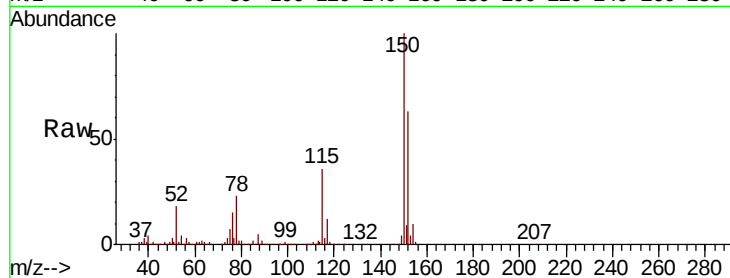
Tot Ion:152 Resp: 282680

Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.2

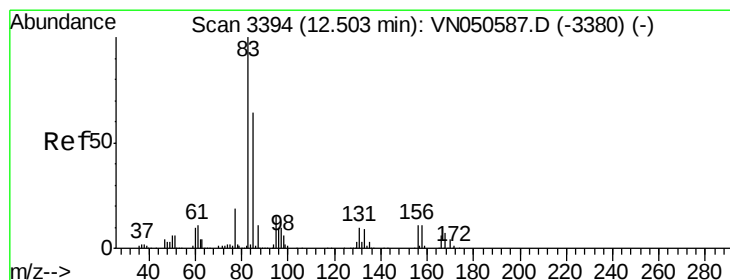
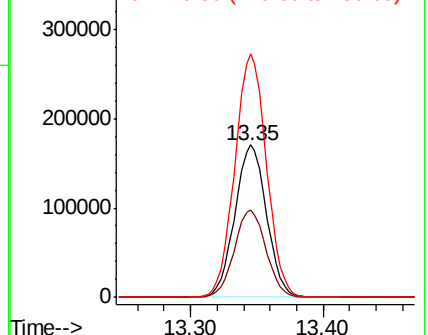
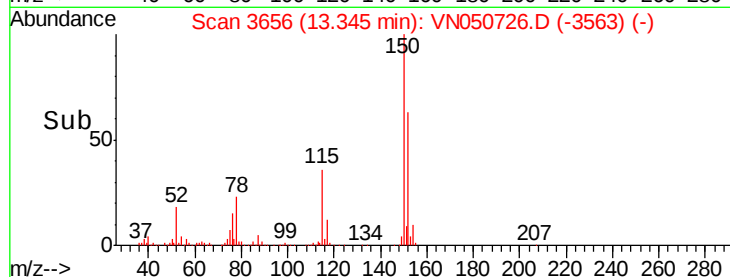
150 159.2 0.0 347.8



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# 3392

Delta R.T. -0.01 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

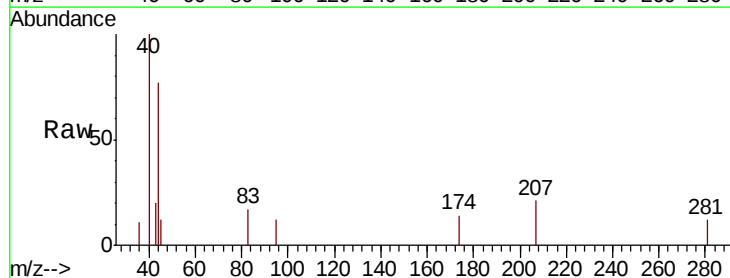
Tgt Ion: 83 Resp: 225

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

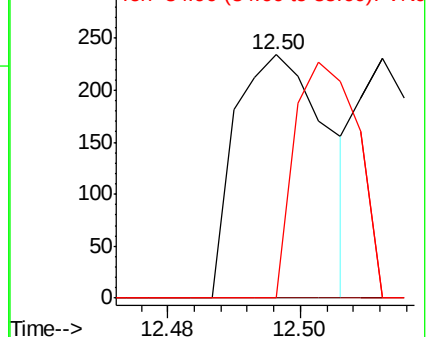
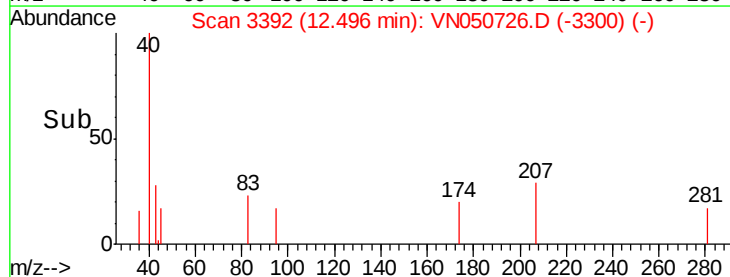
85 67.1 32.1 96.5

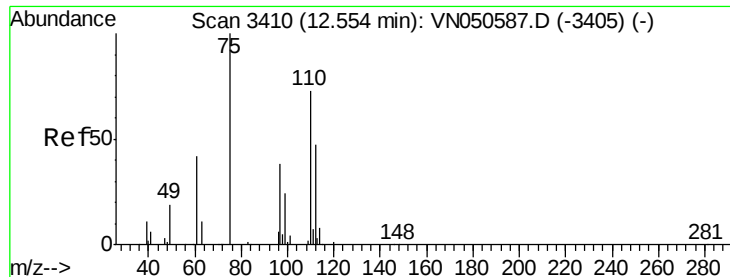


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 38.01 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

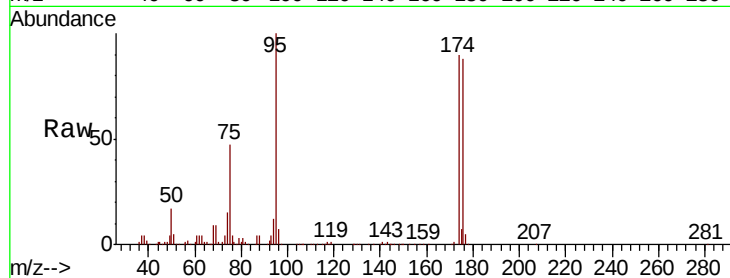
ClientSampled :

Tot Ion: 75 Resp: 174706

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

120000

100000

80000

60000

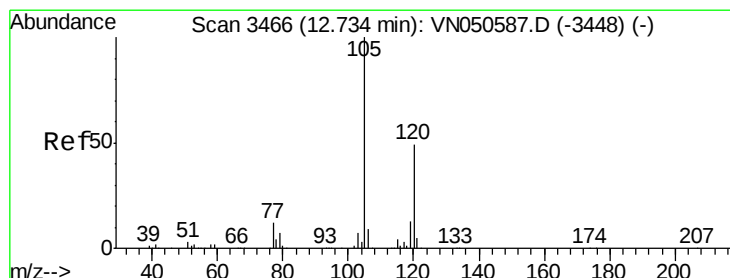
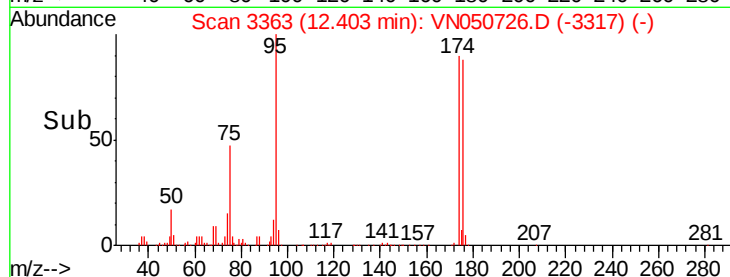
40000

20000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.26 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050726.D

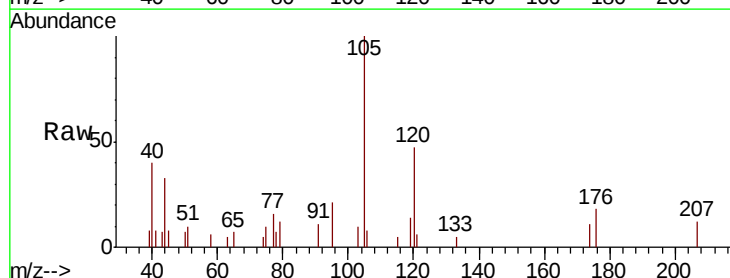
Acq: 17 Aug 2018 13:33

Tgt Ion: 105 Resp: 4680

Ion Ratio Lower Upper

105 100

120 50.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

3000

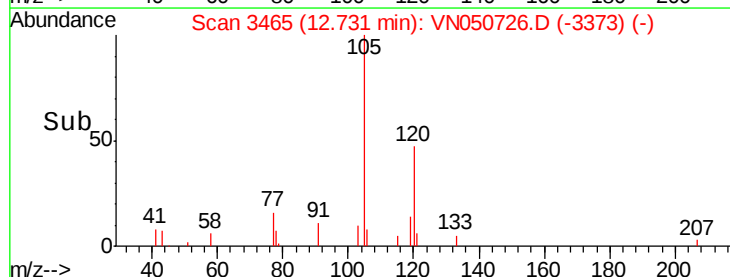
2000

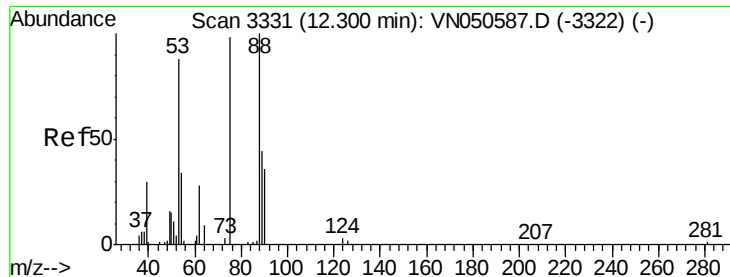
1000

0

12.70 12.73 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 137.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampled :

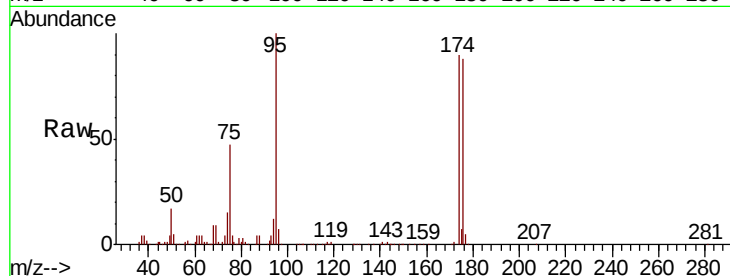
Tot Ion: 75 Resp: 174706

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

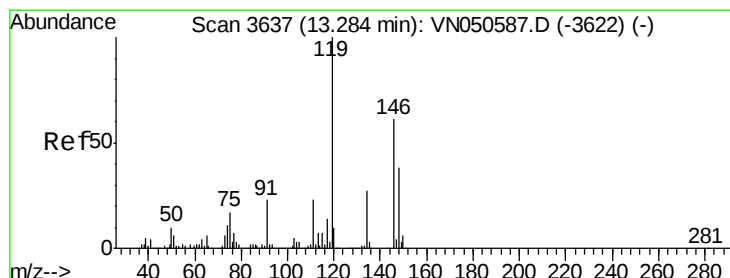
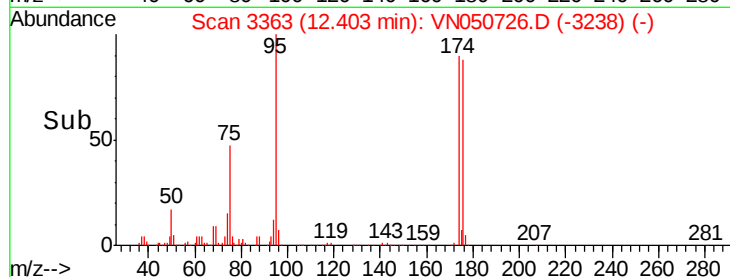
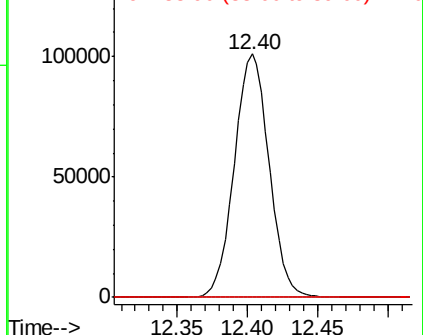
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#87

1,3-Dichlorobenzene

Concen: 0.22 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

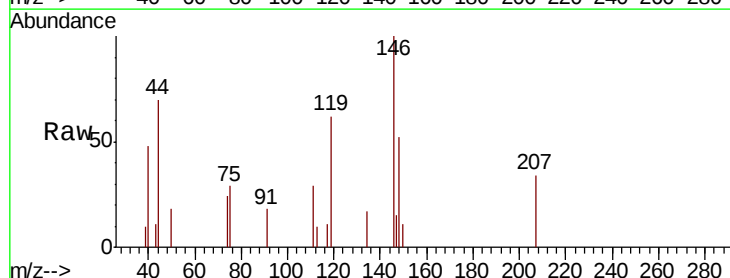
Tgt Ion: 146 Resp: 2220

Ion Ratio Lower Upper

146 100

111 36.5 19.2 57.6

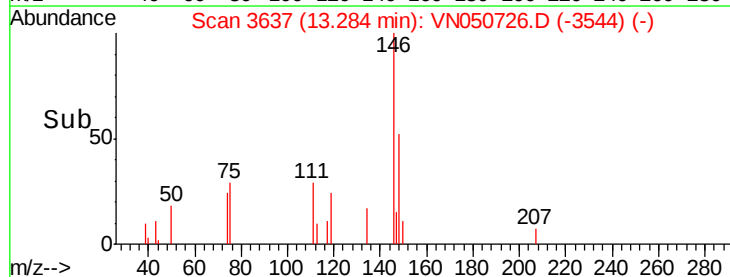
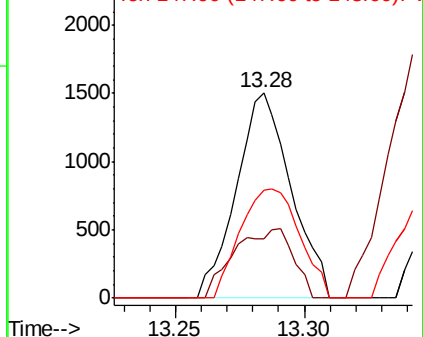
148 57.7 31.9 95.7

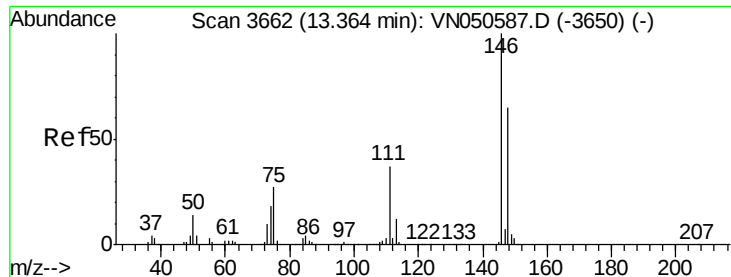


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

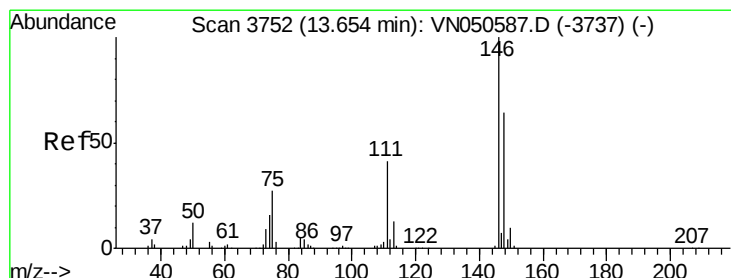
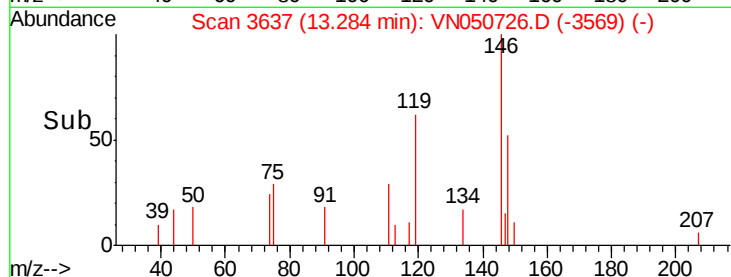
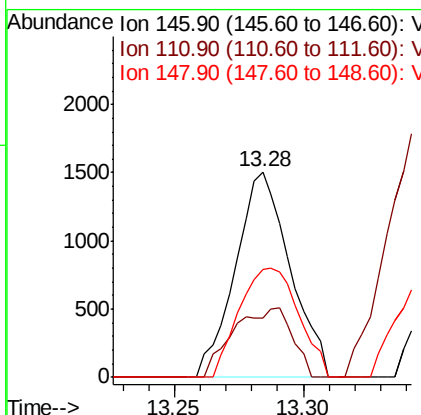
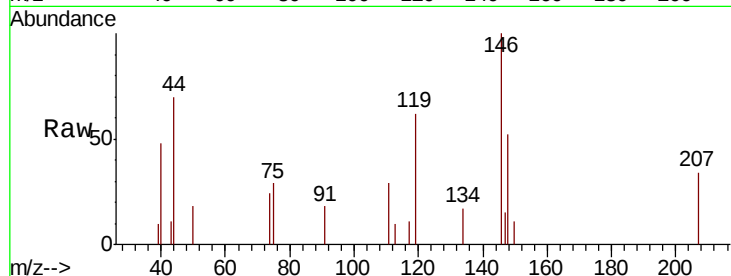




#88
 1,4-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

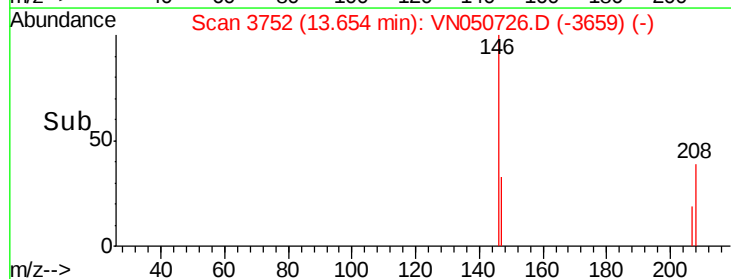
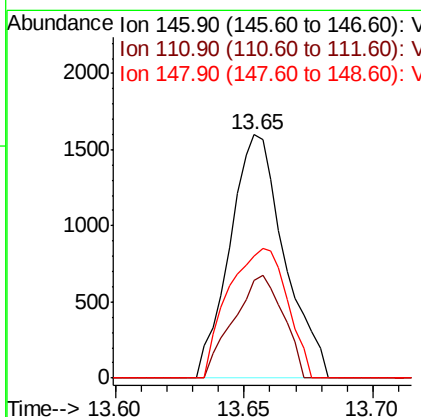
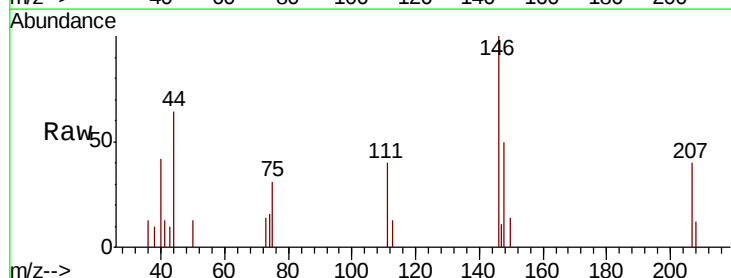
Instrument :
 MSVOA_N
 ClientSampled :

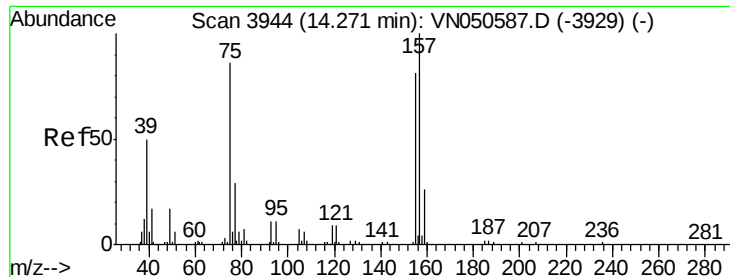
Tot Ion:146 Resp: 2220
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.8 56.4
 148 57.7 32.3 96.8



#91
 1,2-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

Tgt Ion:146 Resp: 2356
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.8 59.4
 148 57.6 32.3 96.8

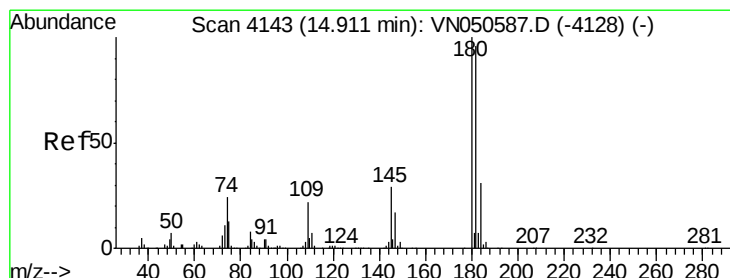
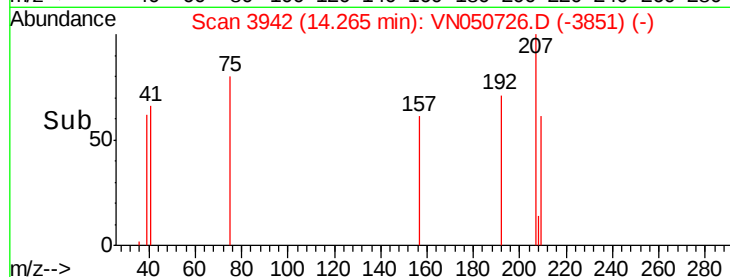
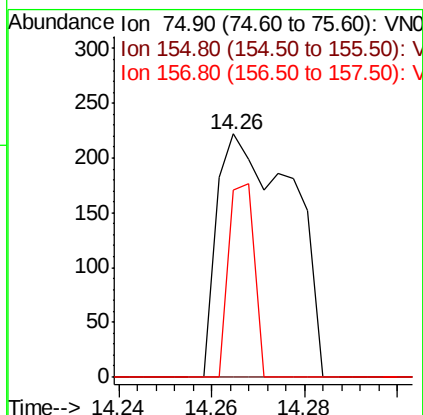
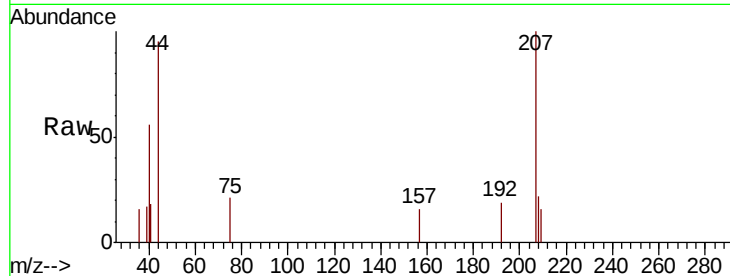




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.32 ug/l
 RT: 14.26 min Scan# 3942
 Delta R.T. -0.01 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

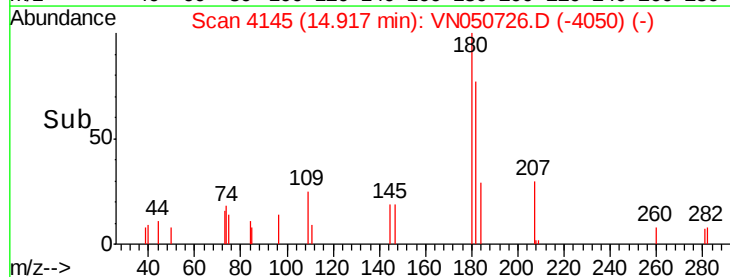
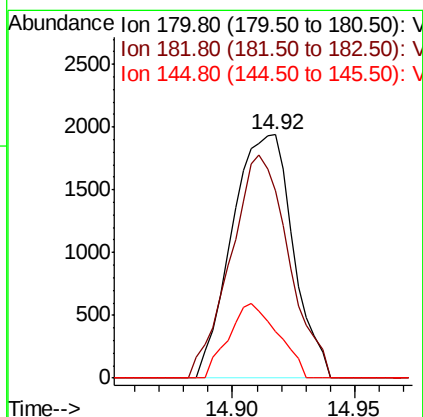
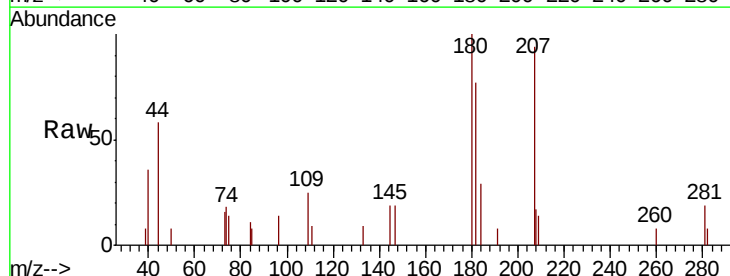
Instrument :
 MSVOA_N
 ClientSampleId :

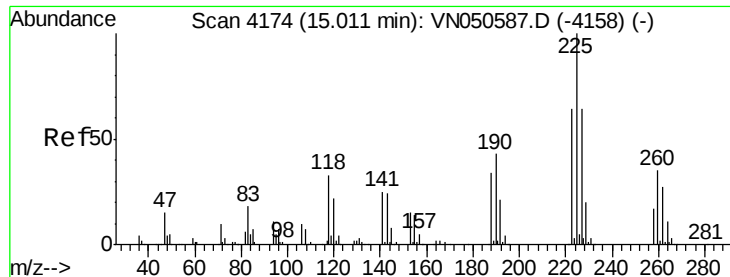
Tot Ion: 75 Resp: 250
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.6 139.8#
 157 26.8 58.1 174.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.30 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

Tgt Ion: 180 Resp: 3365
 Ion Ratio Lower Upper
 180 100
 182 87.1 47.9 143.7
 145 24.9 14.4 43.4





#94

Hexachlorobutadiene

Concen: 0.46 ug/l

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

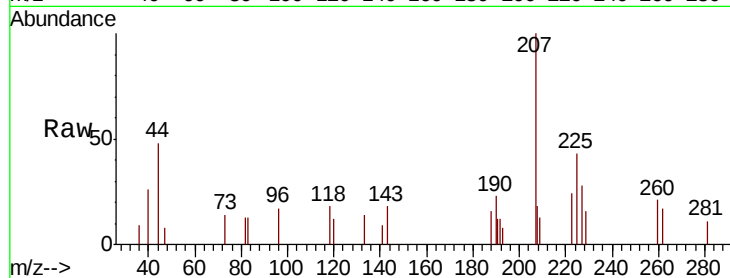
Tot Ion:225 Resp: 1403

Ion Ratio Lower Upper

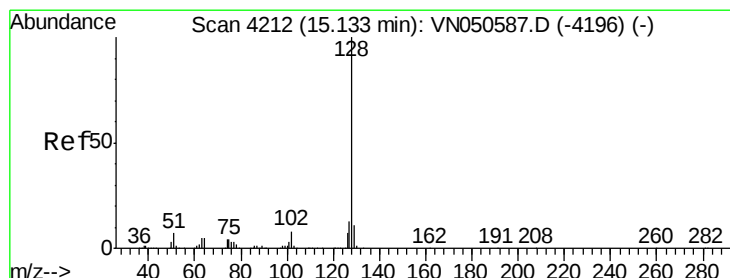
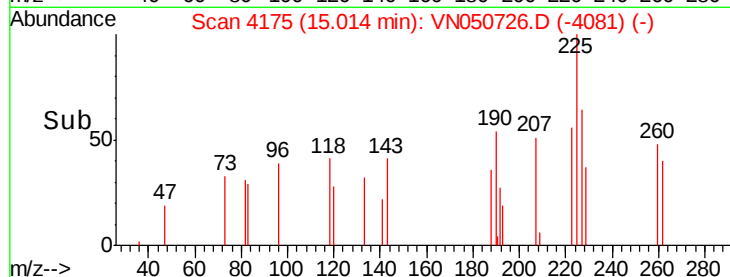
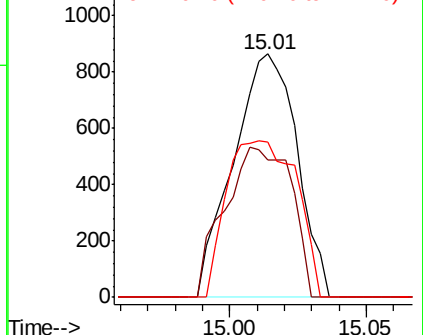
225 100

223 64.7 32.1 96.3

227 71.3 32.0 96.2



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: 4.51 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050726.D

Acq: 17 Aug 2018 13:33

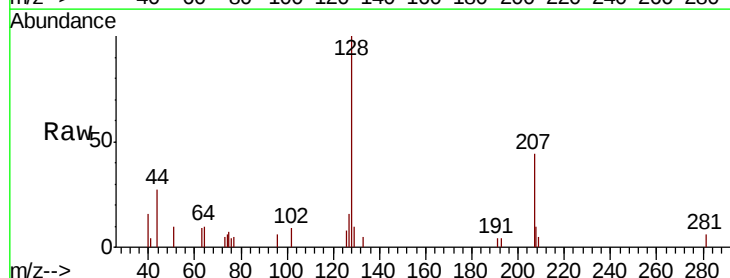
Tgt Ion:128 Resp: 7597

Ion Ratio Lower Upper

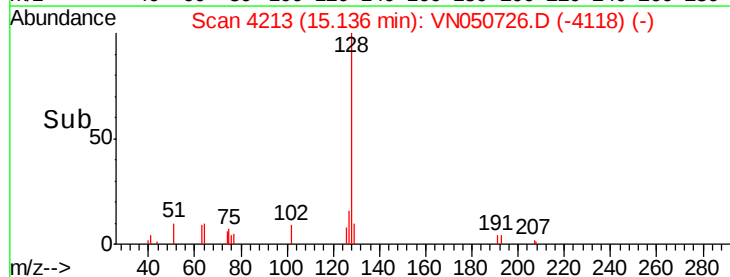
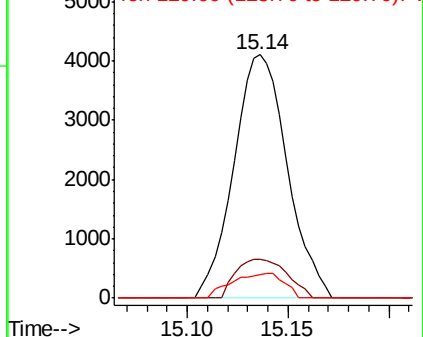
128 100

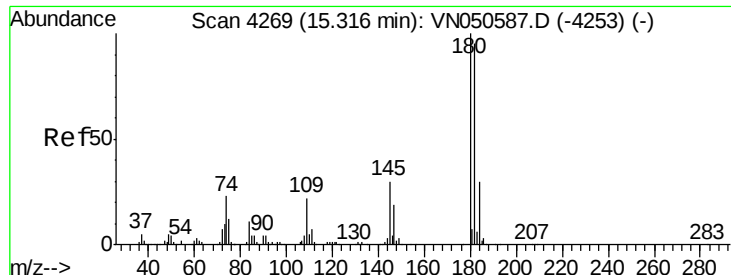
127 15.4 10.3 15.5

129 10.0 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: 2.66 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN050726.D
 Acq: 17 Aug 2018 13:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 3586
 Ion Ratio Lower Upper
 180 100
 182 87.8 47.3 141.8
 145 12.7 14.6 44.0#

