

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050179.D
 Acq On : 30 Jul 2018 11:51
 Operator : MD\SY
 Sample : PB111570TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570TB

Quant Time: Jul 31 01:08:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	648897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1057199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301316	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	440832	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
35) Dibromofluoromethane	7.59	113	402470	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
50) Toluene-d8	10.09	98	1438402	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.40	95	397576	38.05	ug/l	0.00
Spiked Amount			Recovery	=	76.10%	

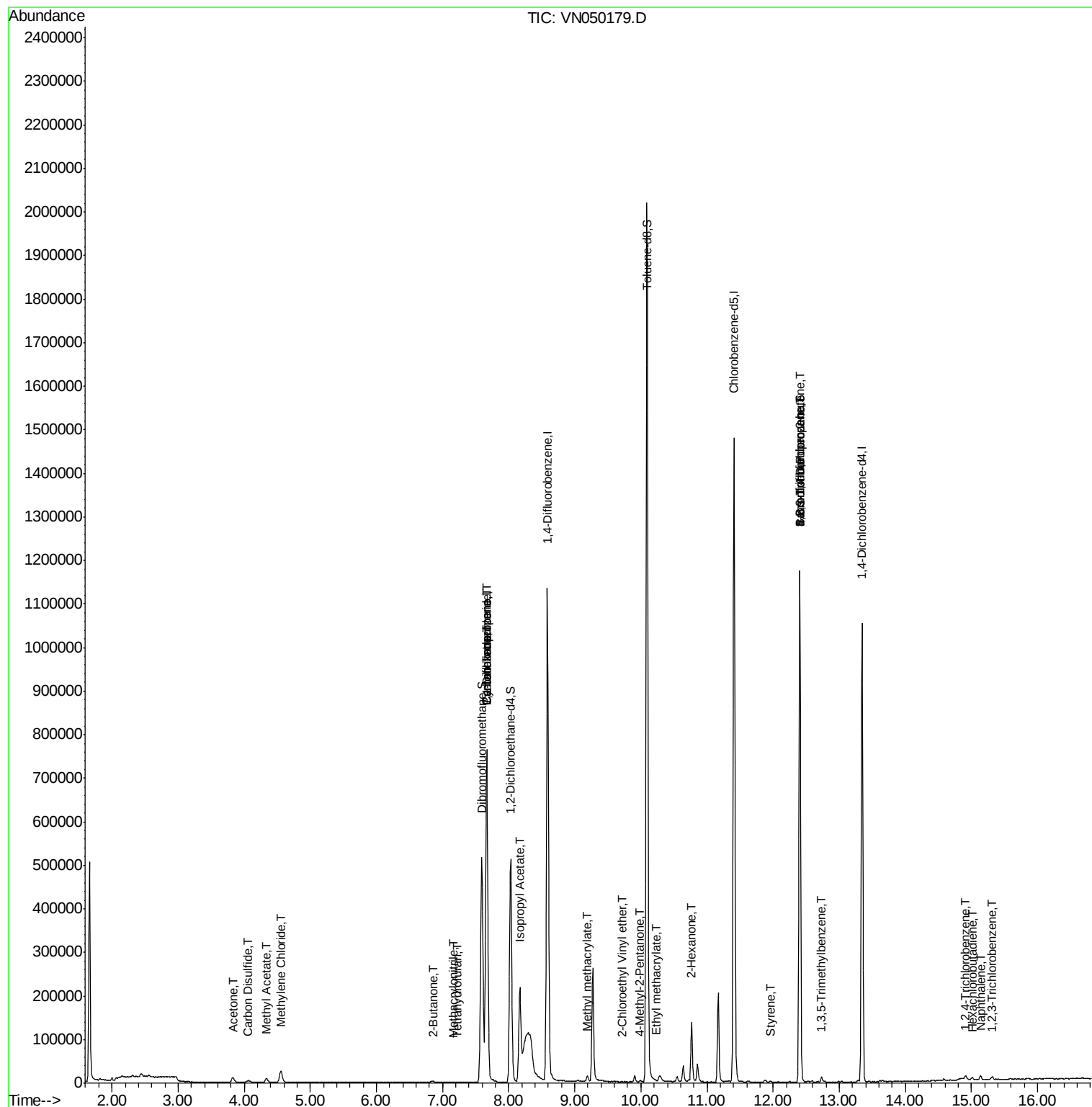
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1795	Below Cal		92
16) Acetone	3.82	43	19868	5.06	ug/l	92
17) Carbon Disulfide	4.06	76	6218	0.27	ug/l #	88
18) Methyl Acetate	4.34	43	17550	0.50	ug/l	98
20) Methylene Chloride	4.55	84	20610	1.35	ug/l	93
25) 2-Butanone	6.87	43	1638	0.47	ug/l	94
29) Tetrahydrofuran	7.22	42	603	0.27	ug/l #	45
31) Cyclohexane	7.67	56	12565	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45745	3.84	ug/l #	47
38) Carbon Tetrachloride	7.67	117	58906	4.66	ug/l #	17
41) Methacrylonitrile	7.17	41	62	2.76	ug/l #	10
43) Isopropyl Acetate	8.17	43	269739	16.47	ug/l	96
48) Methyl methacrylate	9.18	41	7864	1.10	ug/l #	22
51) 4-Methyl-2-Pentanone	9.98	43	2637	0.32	ug/l #	84
56) Ethyl methacrylate	10.23	69	1963	2.19	ug/l #	74
58) 2-Chloroethyl Vinyl ether	9.71	63	30	8.53	ug/l #	48
59) 2-Hexanone	10.77	43	21223	8.64	ug/l #	60
70) Styrene	11.96	104	1263	0.98	ug/l #	65
71) Bromoform	12.40	173	2772	0.44	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	289	Below Cal	#	81
76) 1,2,3-Trichloropropane	12.40	75	192878	34.44	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5649	0.31	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	192878	109.25	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	403	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	2660	3.52	ug/l	90
94) Hexachlorobutadiene	15.01	225	1172	0.35	ug/l	92
95) Naphthalene	15.14	128	7971	4.94	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	3214	2.75	ug/l	92

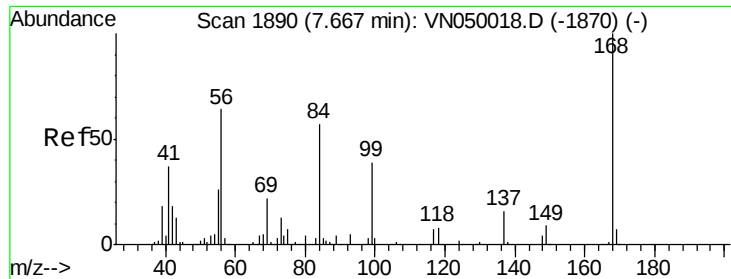
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Jul 31 01:08:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

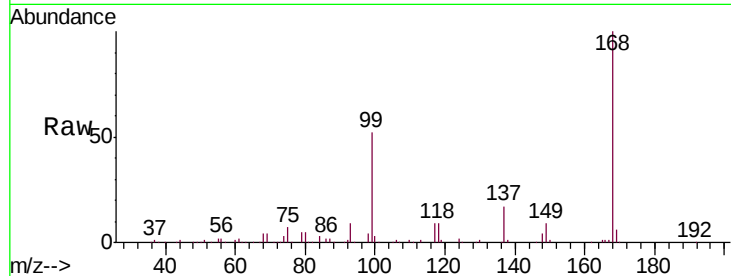
PB111570TB

Tot Ion:168 Resp: 648897

Ion Ratio Lower Upper

168 100

99 52.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

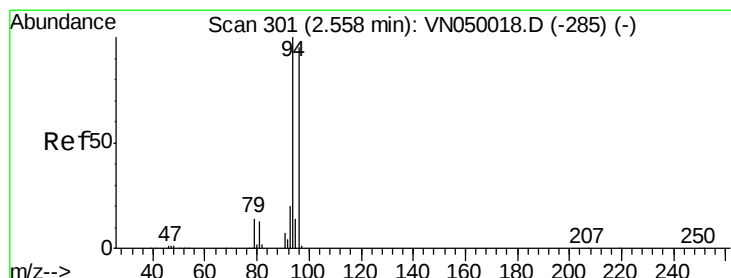
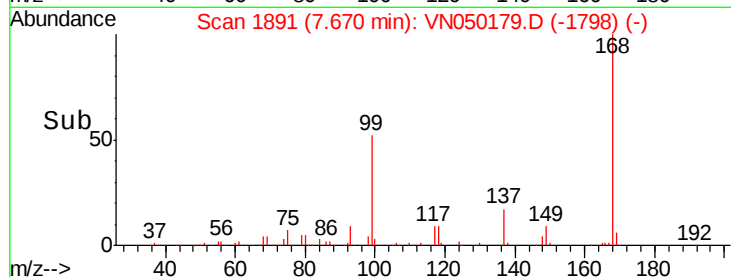
100000

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7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050179.D

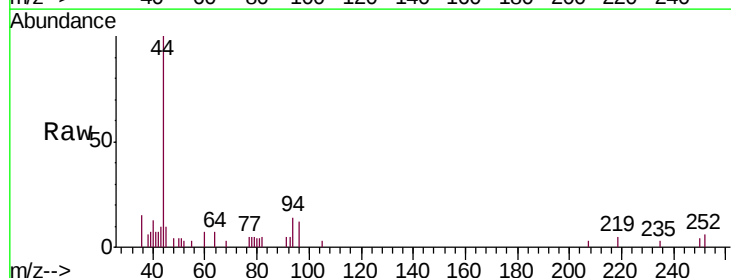
Acq: 30 Jul 2018 11:51

Tgt Ion: 94 Resp: 1795

Ion Ratio Lower Upper

94 100

96 86.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

800

600

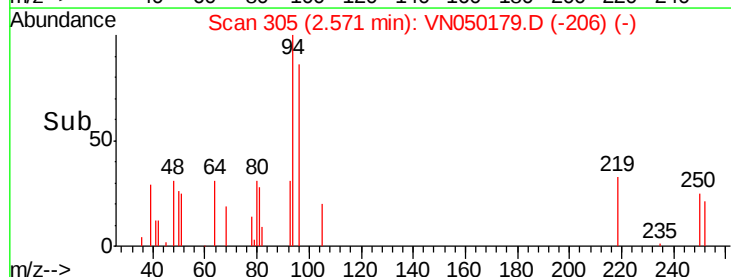
400

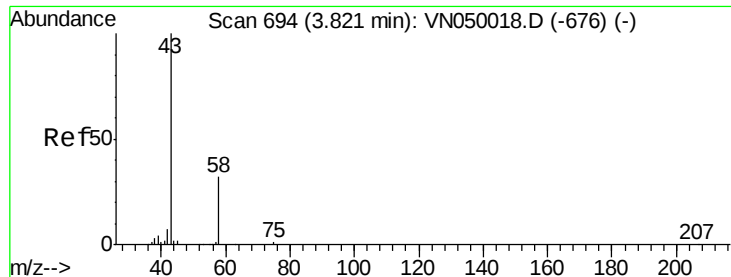
200

0

2.50 2.55 2.60

Time-->





#16

Acetone

Concen: 5.06 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

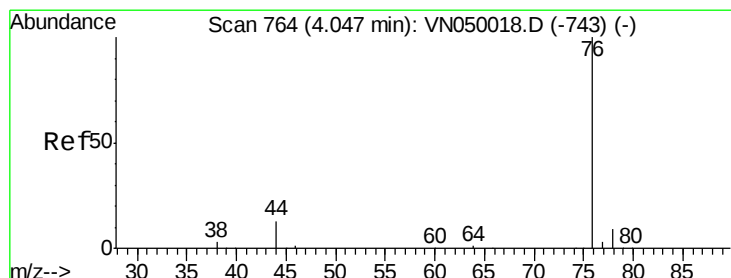
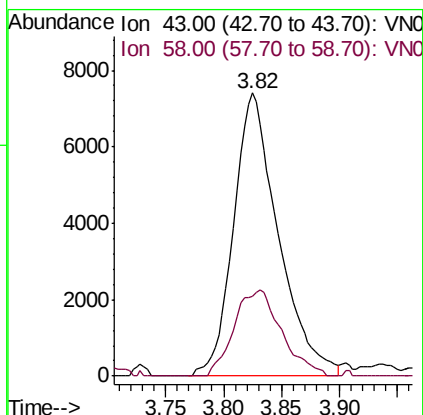
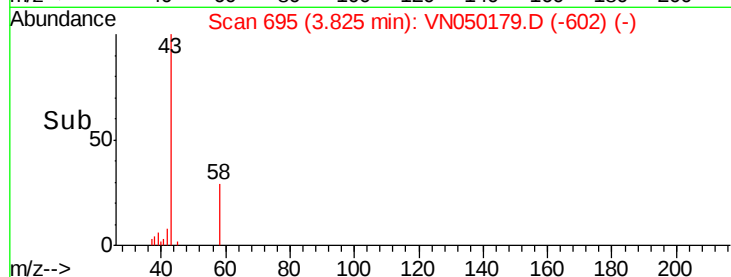
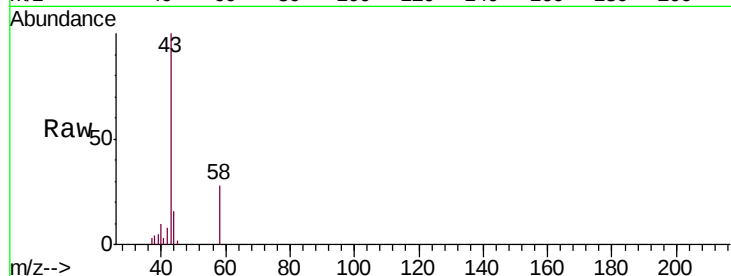
PB111570TB

Tot Ion: 43 Resp: 19868

Ion Ratio Lower Upper

43 100

58 28.0 25.8 38.8



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.06 min Scan# 767

Delta R.T. 0.01 min

Lab File: VN050179.D

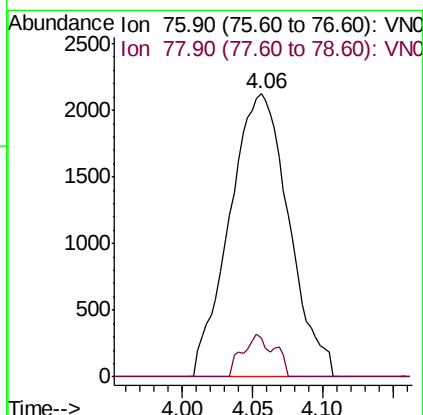
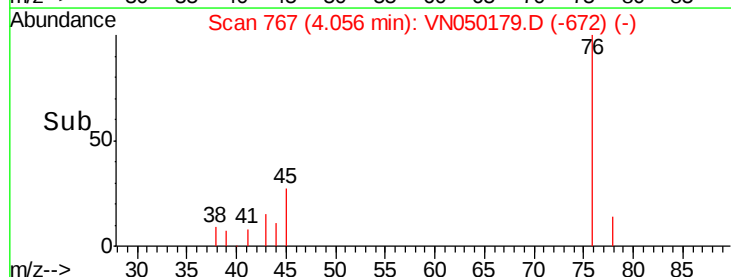
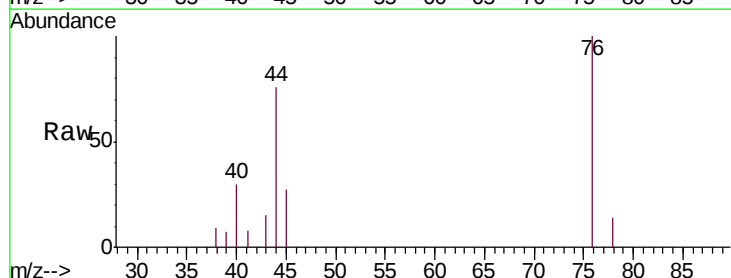
Acq: 30 Jul 2018 11:51

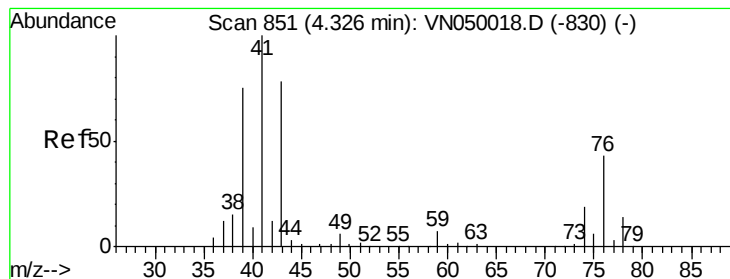
Tgt Ion: 76 Resp: 6218

Ion Ratio Lower Upper

76 100

78 13.5 7.3 10.9#





#18

Methyl Acetate

Concen: 0.50 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

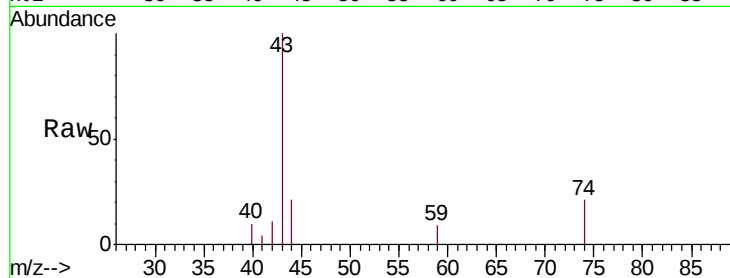
PB111570TB

Tot Ion: 43 Resp: 17550

Ion Ratio Lower Upper

43 100

74 22.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050179.D (-760) (-)

Ion 74.00 (73.70 to 74.70): VN050179.D (-760) (-)

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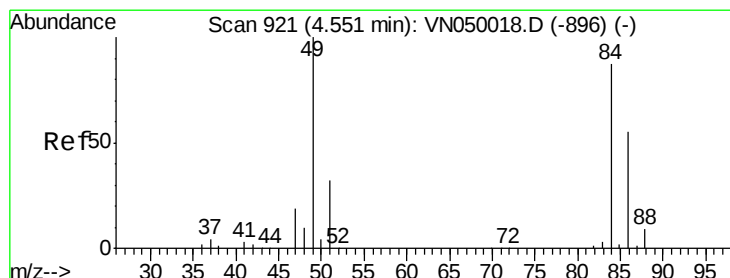
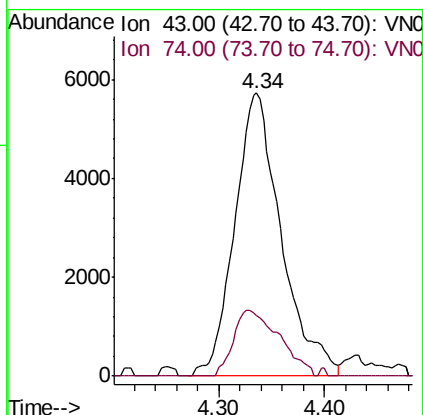
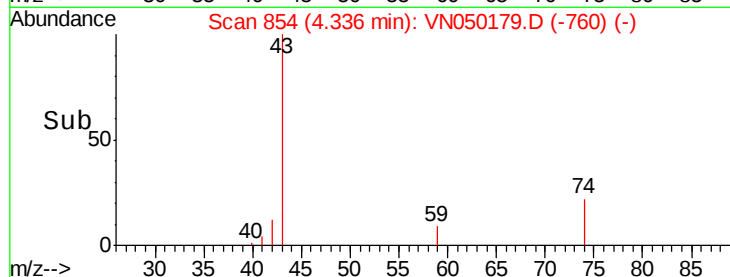
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#20

Methylene Chloride

Concen: 1.35 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Tgt Ion: 84 Resp: 20610

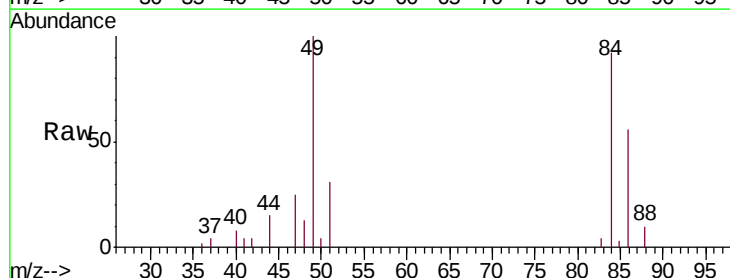
Ion Ratio Lower Upper

84 100

49 108.7 94.8 142.2

51 33.2 28.3 42.5

86 61.0 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VN050179.D (-828) (-)

Ion 48.90 (48.60 to 49.60): VN050179.D (-828) (-)

Ion 50.90 (50.60 to 51.60): VN050179.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN050179.D (-828) (-)

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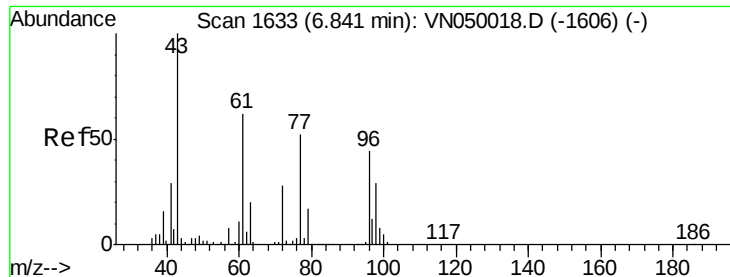
4.55

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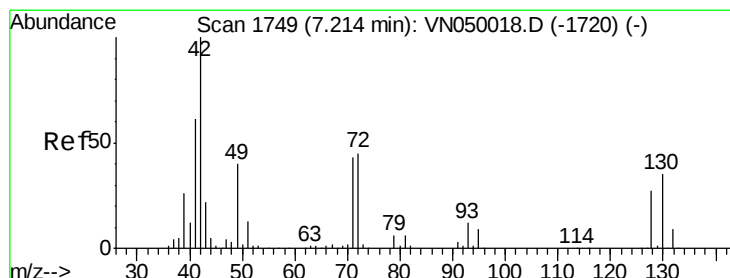
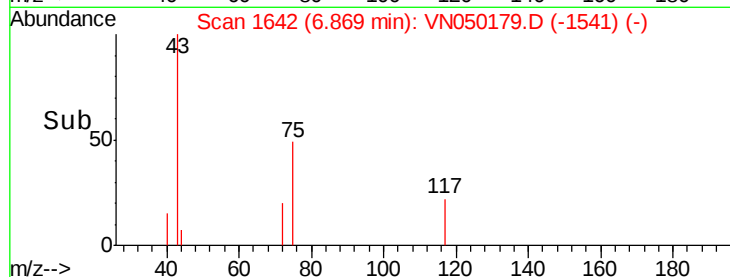
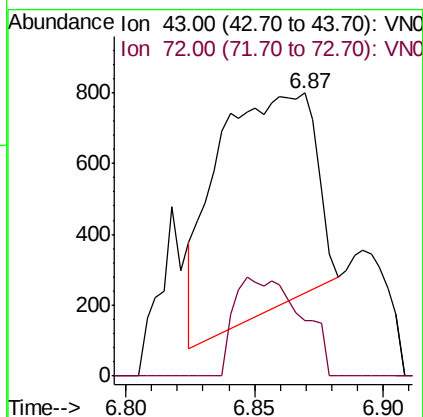
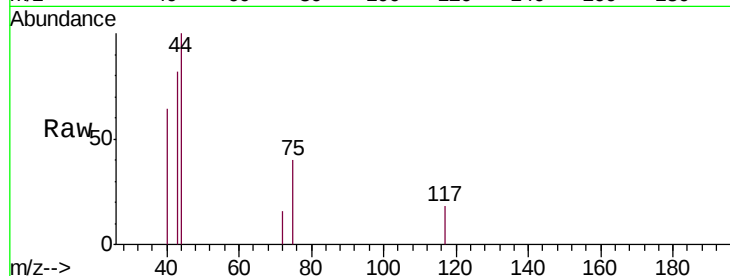
4.55



#25
2-Butanone
Concen: 0.47 ug/l
RT: 6.87 min Scan# 1642
Delta R.T. 0.03 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

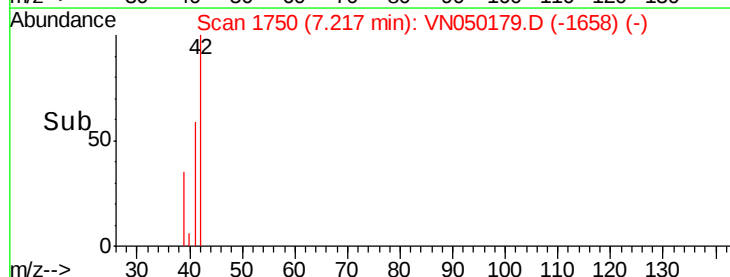
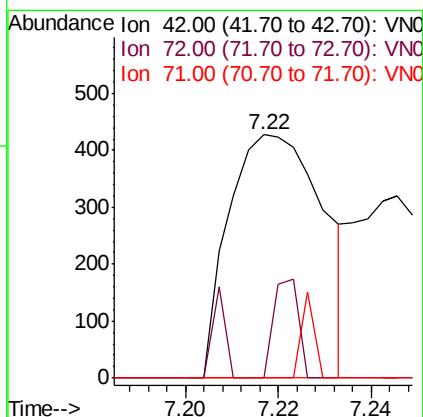
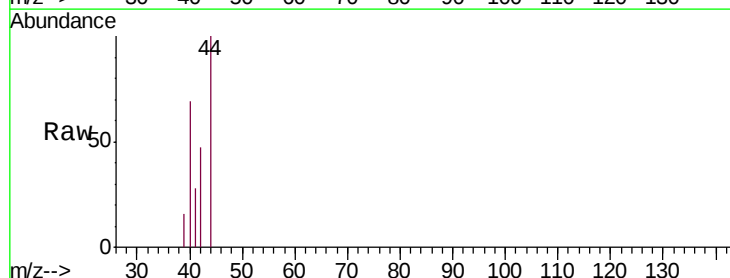
Instrument :
MSVOA_N
ClientSampleId :
PB111570TB

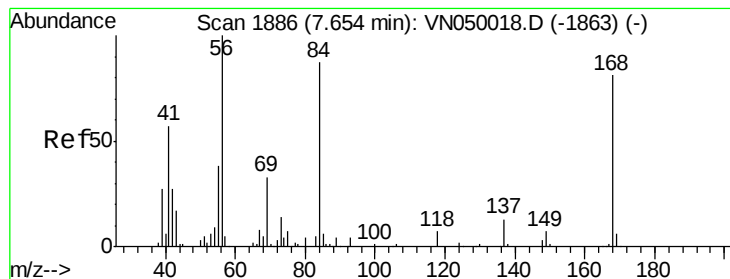
Tot Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
72 30.1 21.5 32.3



#29
Tetrahydrofuran
Concen: 0.27 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

Tgt Ion: 42 Resp: 603
Ion Ratio Lower Upper
42 100
72 10.8 35.9 53.9#
71 4.8 33.7 50.5#





#31

Cyclohexane

Concen: 0.94 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB111570TB

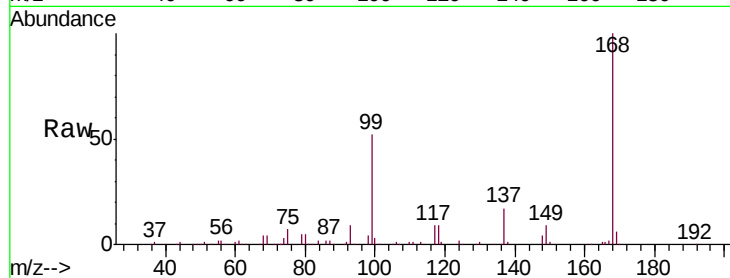
Tot Ion: 56 Resp: 12565

Ion Ratio Lower Upper

56 100

69 176.4 26.2 39.4#

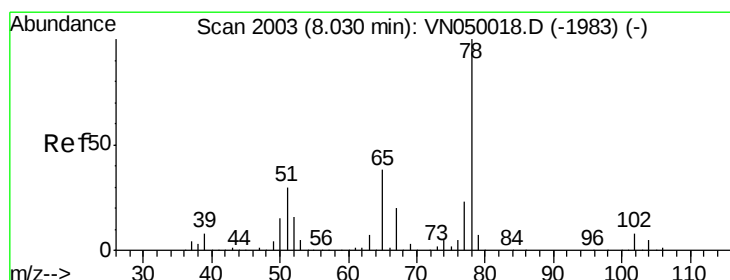
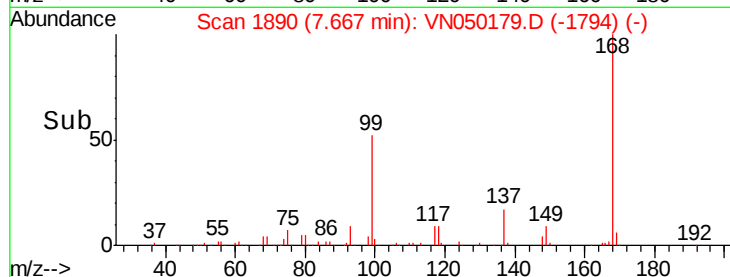
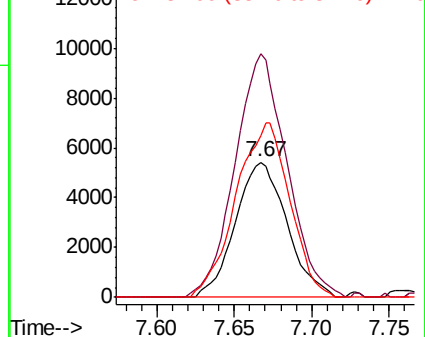
84 119.3 67.4 101.0#



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: 48.69 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050179.D

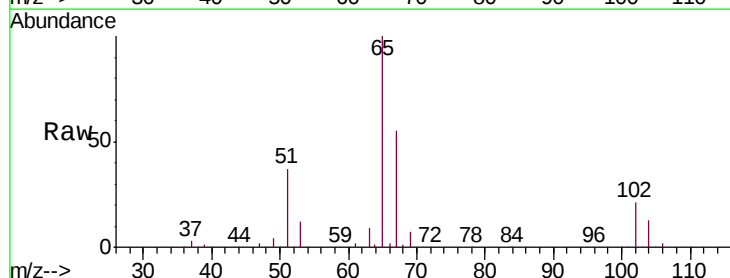
Acq: 30 Jul 2018 11:51

Tgt Ion: 65 Resp: 440832

Ion Ratio Lower Upper

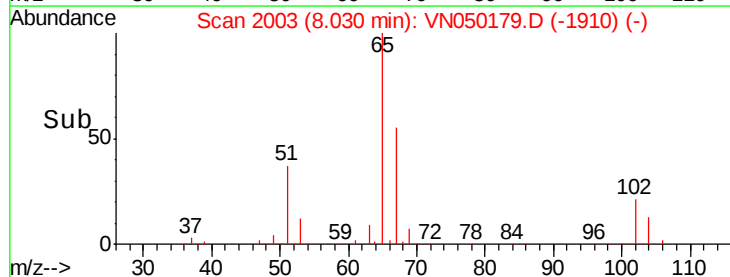
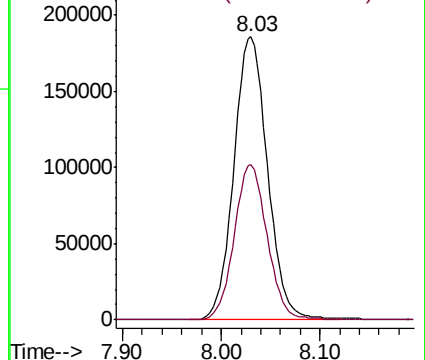
65 100

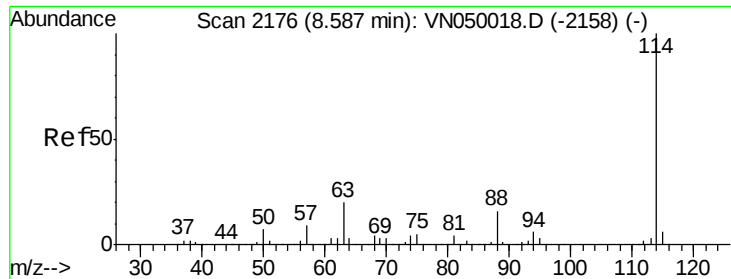
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

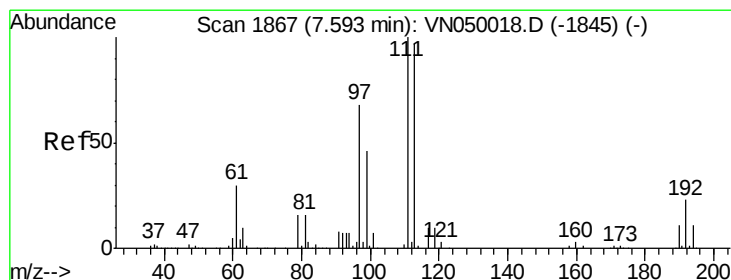
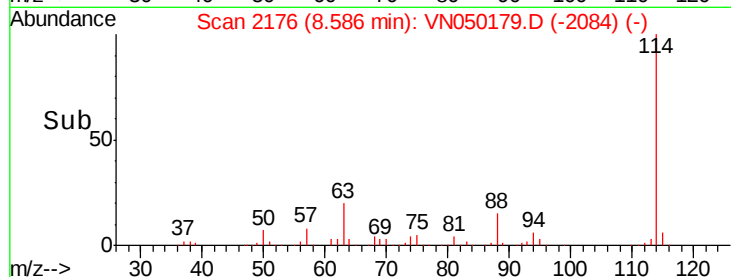
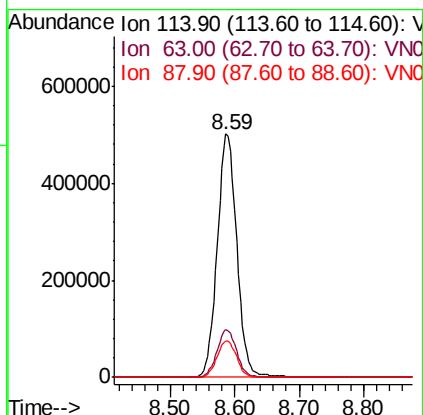
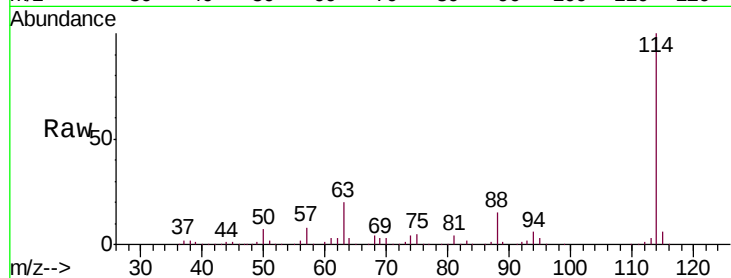




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050179.D
 Acq: 30 Jul 2018 11:51

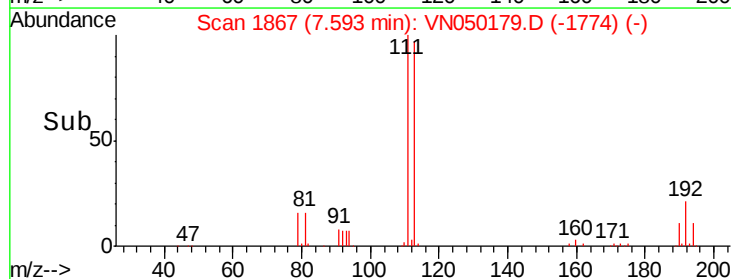
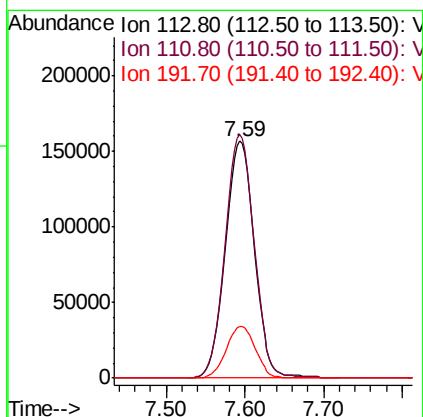
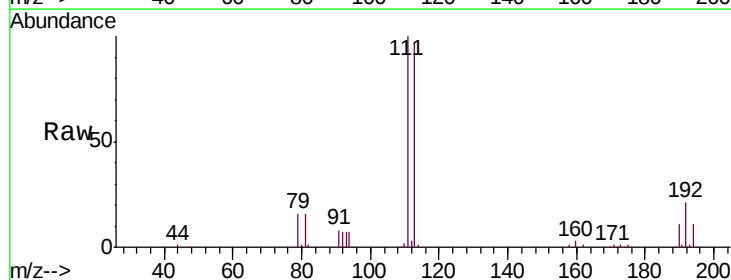
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570TB

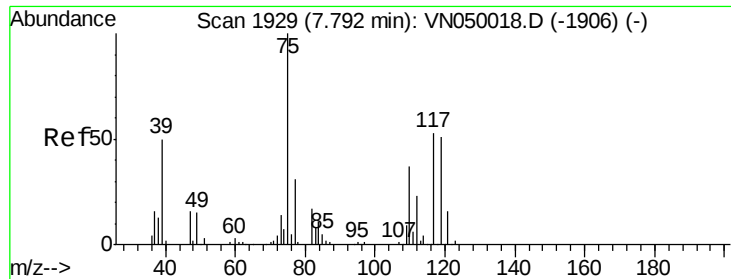
Tot Ion:114 Resp: 1057199
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 46.63 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050179.D
 Acq: 30 Jul 2018 11:51

Tgt Ion:113 Resp: 402470
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.7 121.1
 192 22.0 17.8 26.6

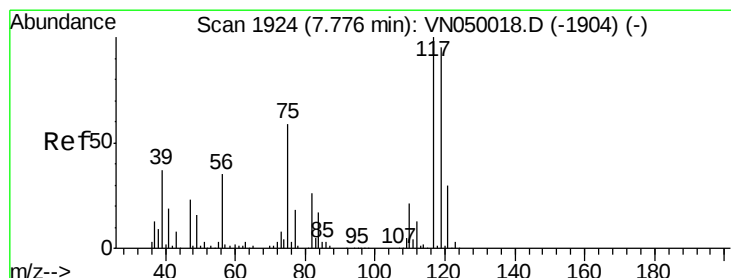
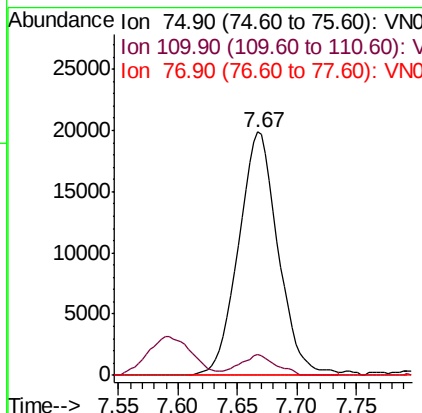
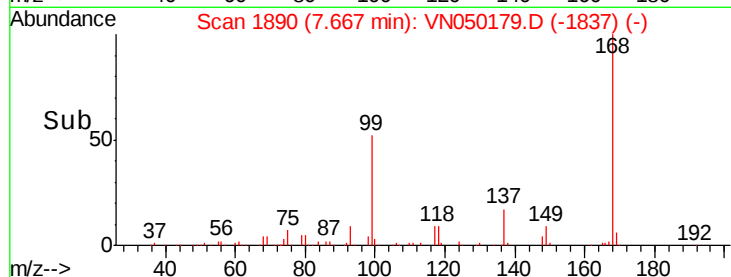
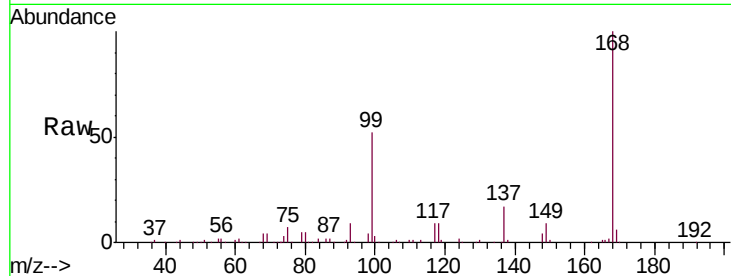




#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050179.D
 Acq: 30 Jul 2018 11:51

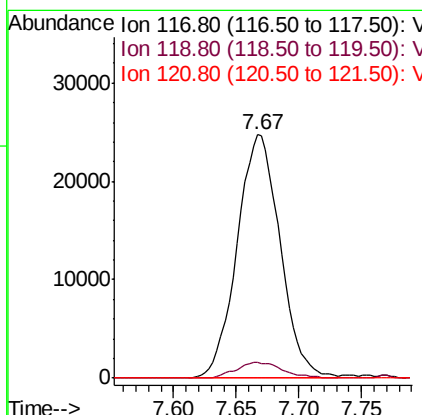
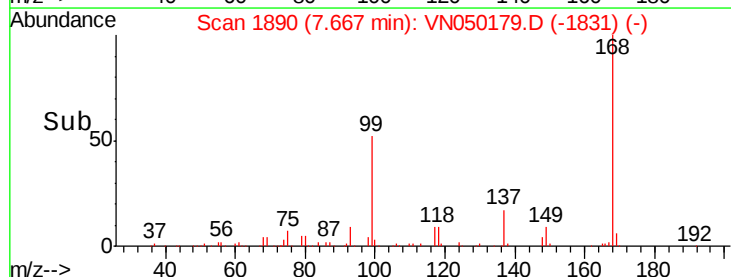
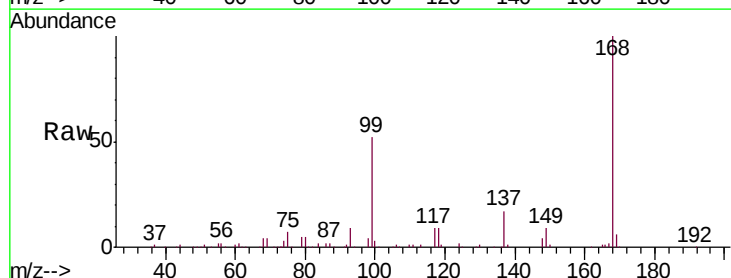
Instrument :
 MSVOA_N
 ClientSampled :
 PB111570TB

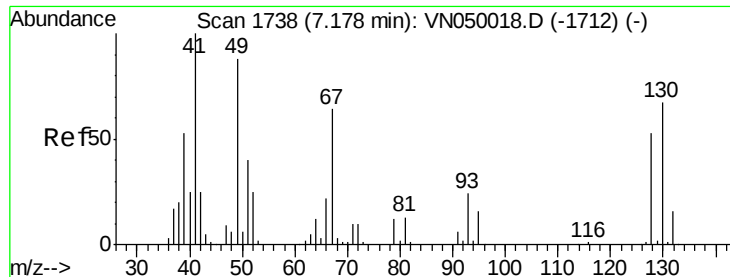
Tot Ion: 75 Resp: 45745
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.66 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050179.D
 Acq: 30 Jul 2018 11:51

Tgt Ion: 117 Resp: 58906
 Ion Ratio Lower Upper
 117 100
 119 6.6 77.4 116.0#
 121 0.0 23.9 35.9#

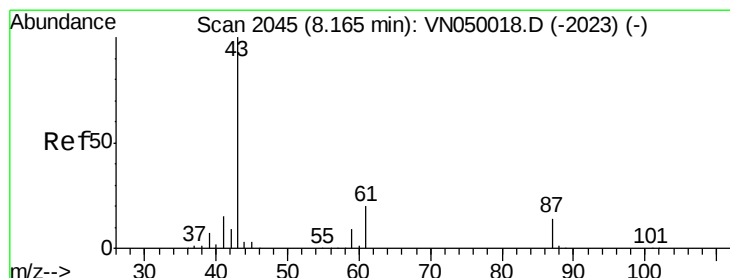
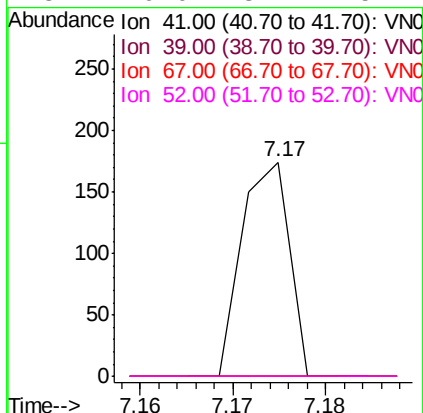
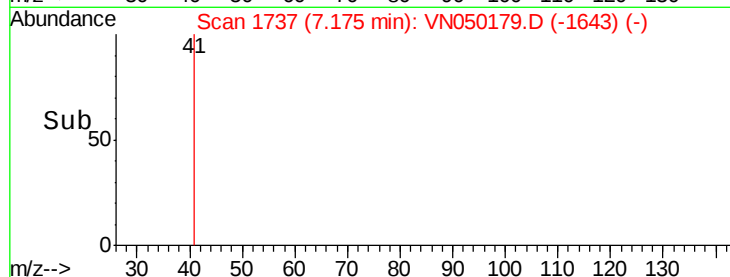
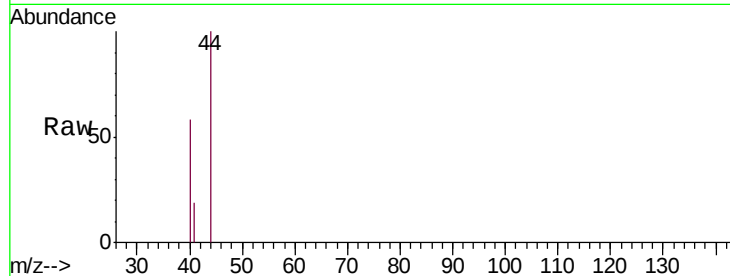




#41
Methacrylonitrile
Concen: 2.76 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

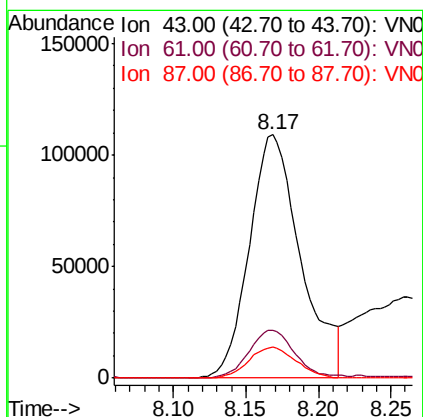
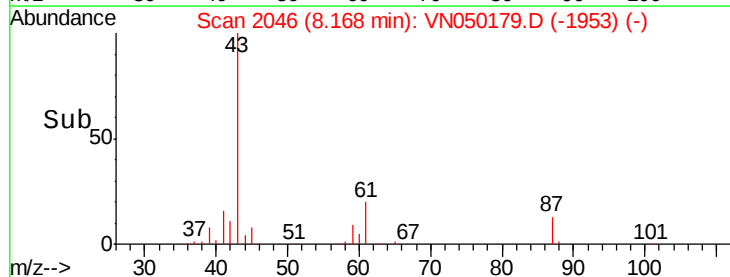
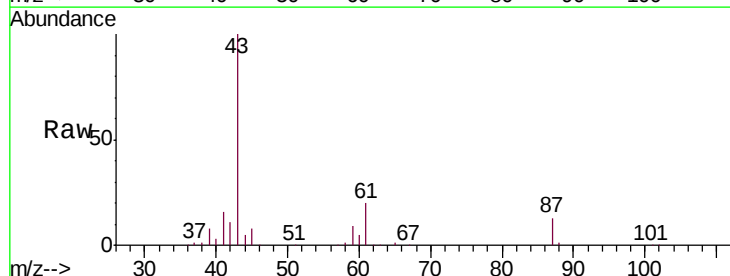
Instrument :
MSVOA_N
ClientSampled :
PB111570TB

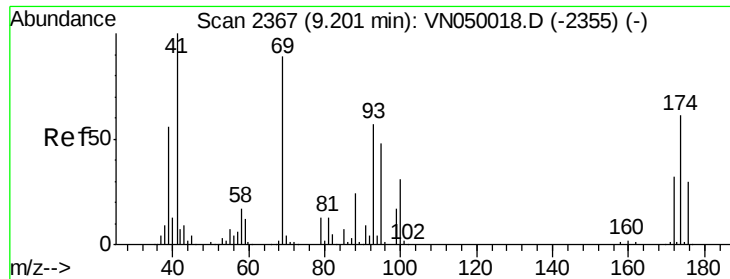
Tot Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 16.47 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

Tgt Ion: 43 Resp: 269739
Ion Ratio Lower Upper
43 100
61 17.8 15.8 23.6
87 11.8 10.3 15.5

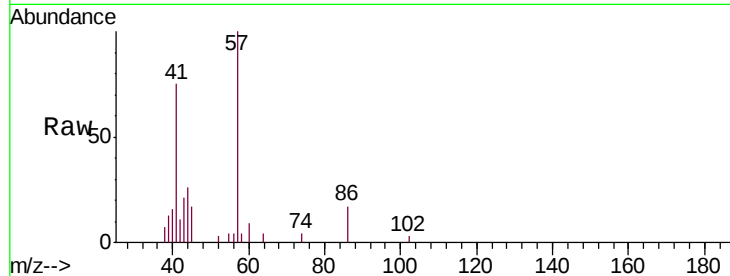




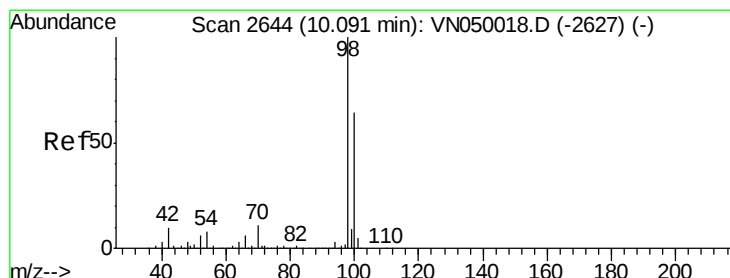
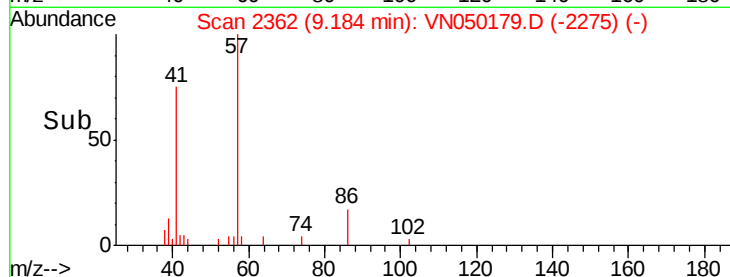
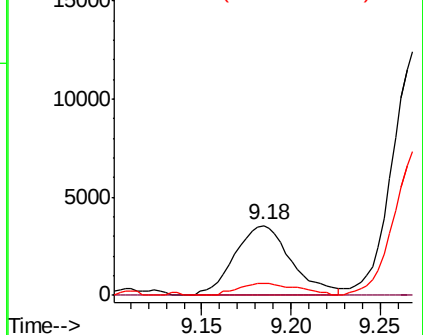
#48
Methyl methacrylate
Concen: 1.10 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

Instrument :
MSVOA_N
ClientSampleId :
PB111570TB

Tot Ion: 41 Resp: 7864
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 18.1 43.9 65.9#

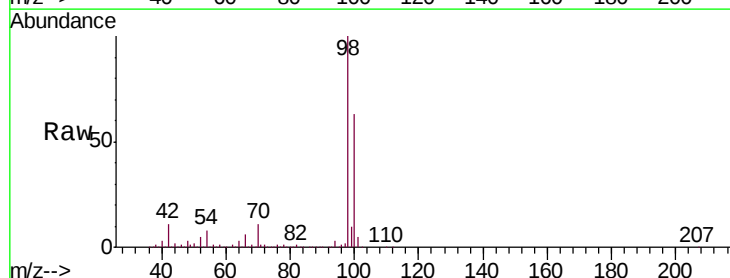


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

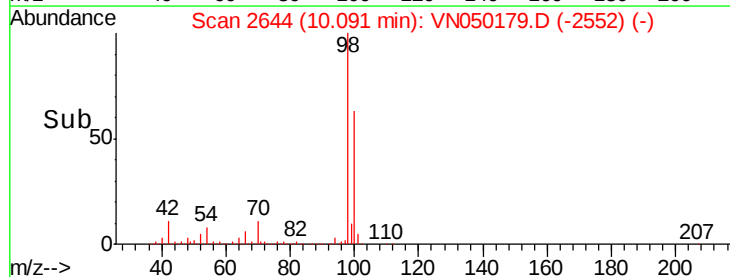
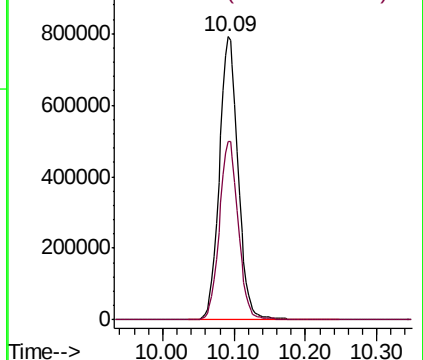


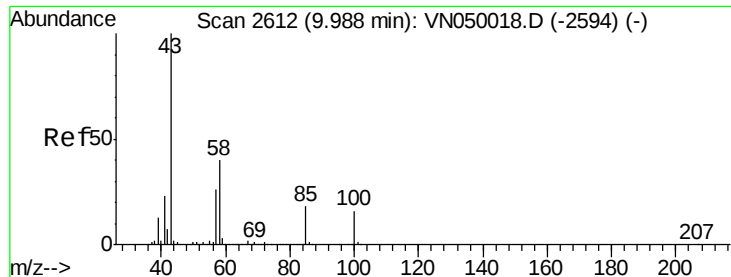
#50
Toluene-d8
Concen: 45.33 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

Tgt Ion: 98 Resp: 1438402
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



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

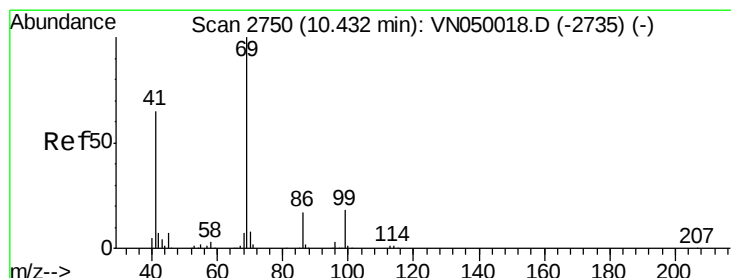
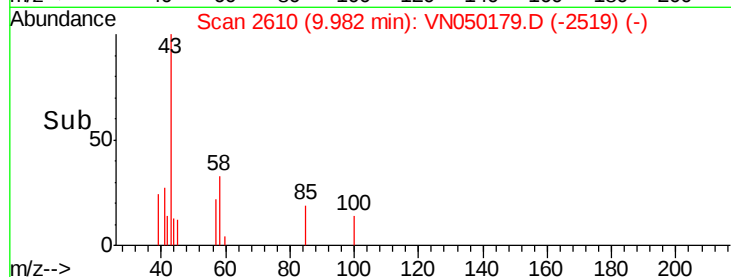
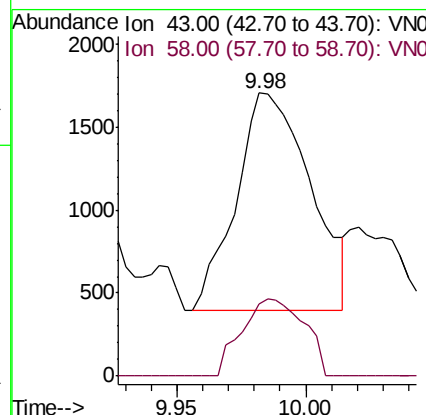
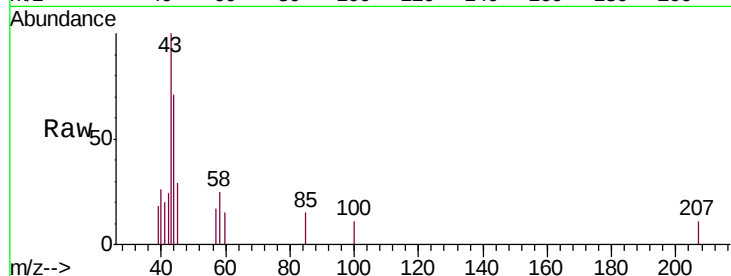




#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 9.98 min Scan# 2610
Delta R.T. -0.01 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

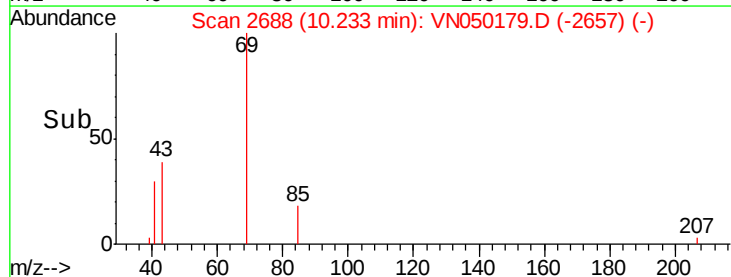
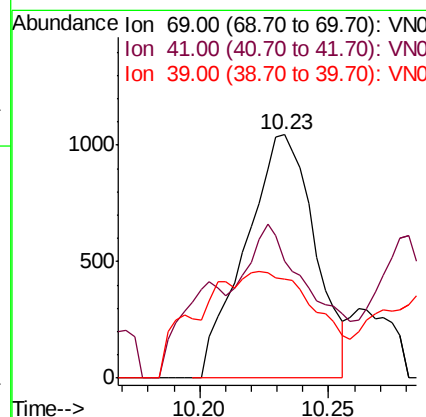
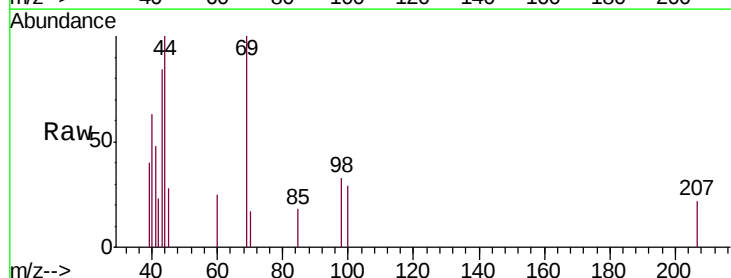
Instrument :
MSVOA_N
ClientSampleId :
PB111570TB

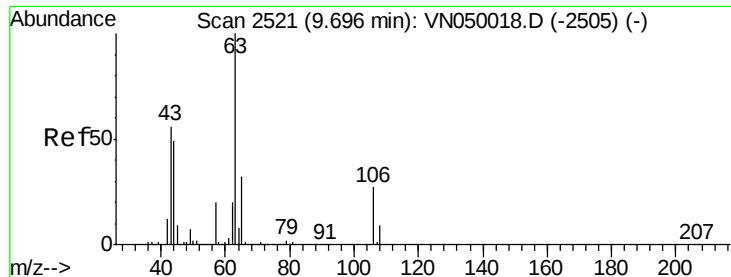
Tot Ion: 43 Resp: 2637
Ion Ratio Lower Upper
43 100
58 29.7 31.9 47.9#



#56
Ethyl methacrylate
Concen: 2.19 ug/l
RT: 10.23 min Scan# 2688
Delta R.T. -0.20 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

Tgt Ion: 69 Resp: 1963
Ion Ratio Lower Upper
69 100
41 63.5 51.0 76.4
39 75.6 26.6 40.0#





#58

2-Chloroethyl Vinyl ether

Concen: 8.53 ug/l

RT: 9.71 min Scan# 2525

Delta R.T. 0.01 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

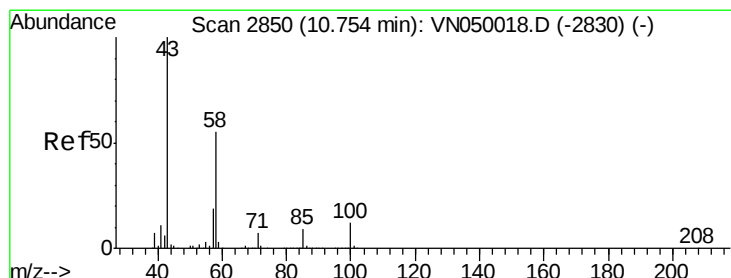
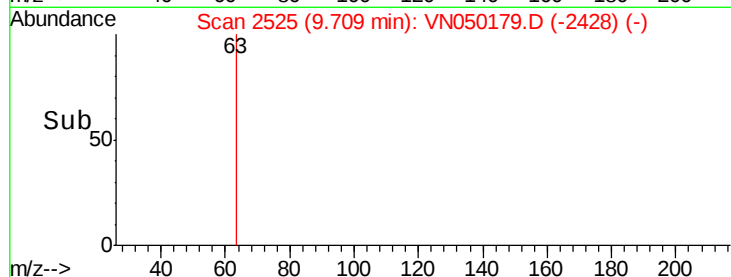
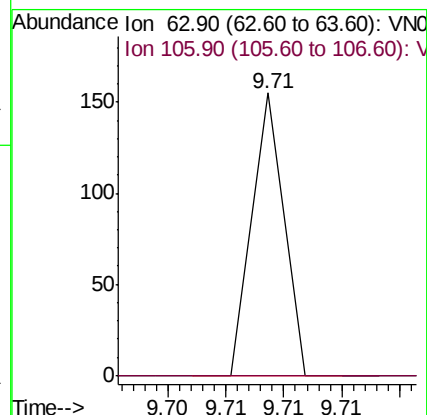
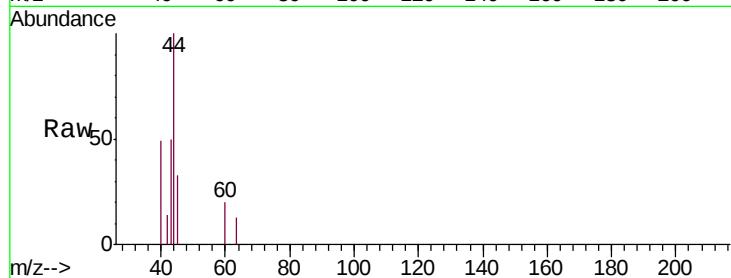
PB111570TB

Tot Ion: 63 Resp: 30

Ion Ratio Lower Upper

63 100

106 0.0 21.7 32.5#



#59

2-Hexanone

Concen: 8.64 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050179.D

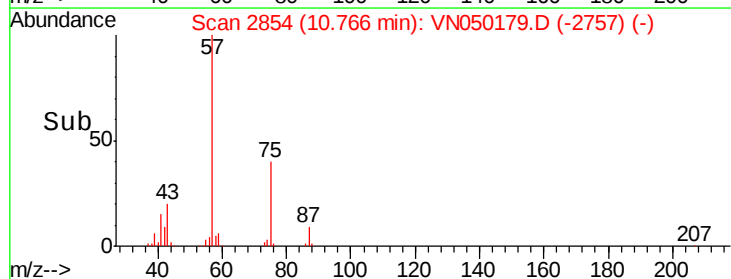
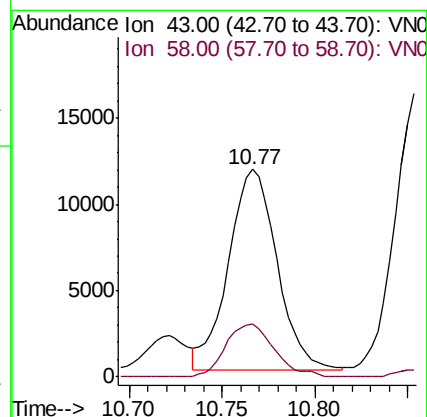
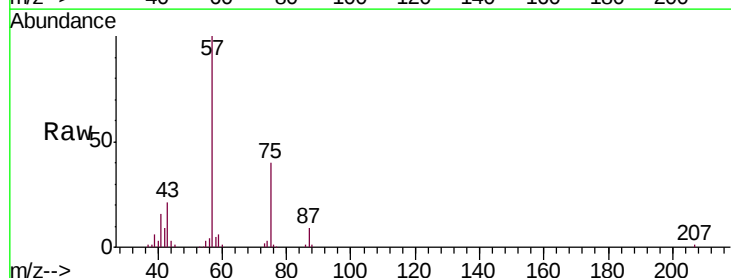
Acq: 30 Jul 2018 11:51

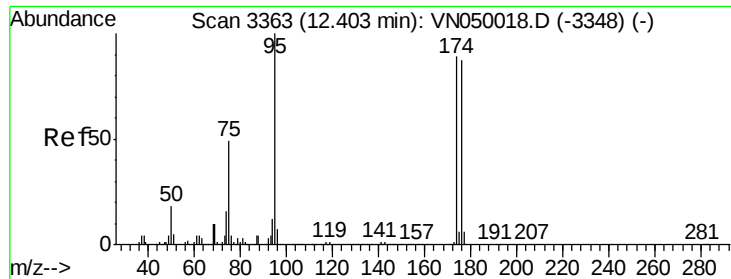
Tgt Ion: 43 Resp: 21223

Ion Ratio Lower Upper

43 100

58 26.1 27.6 82.7#

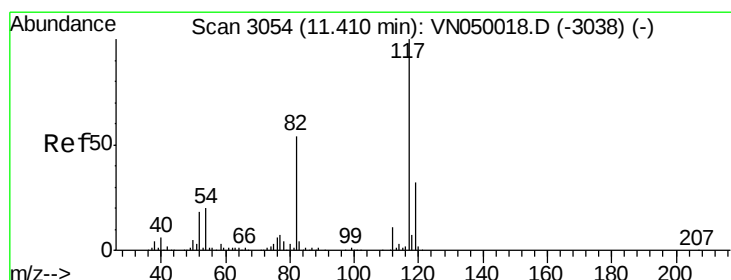
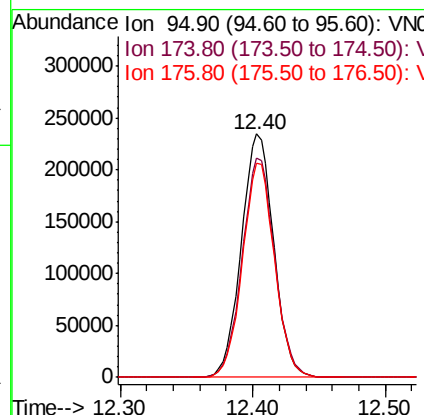
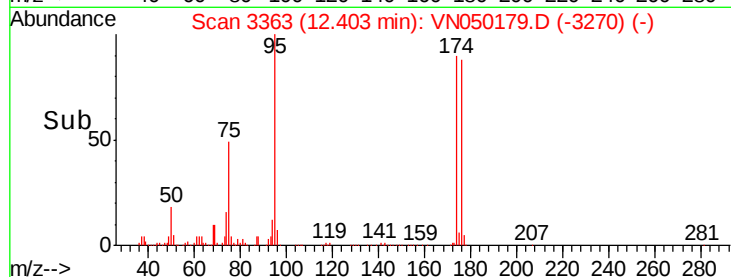
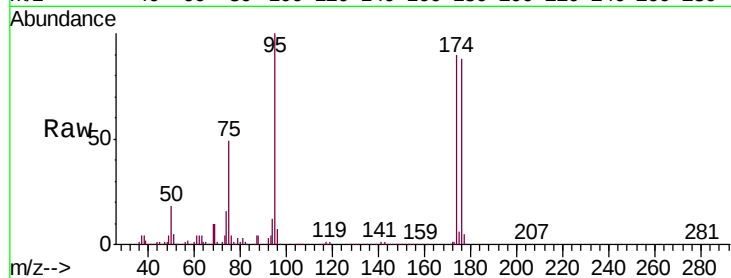




#62
4-Bromofluorobenzene
Concen: 38.05 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

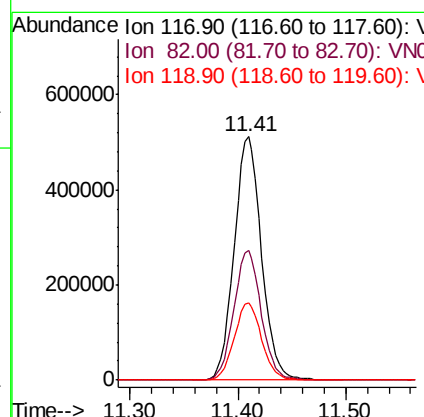
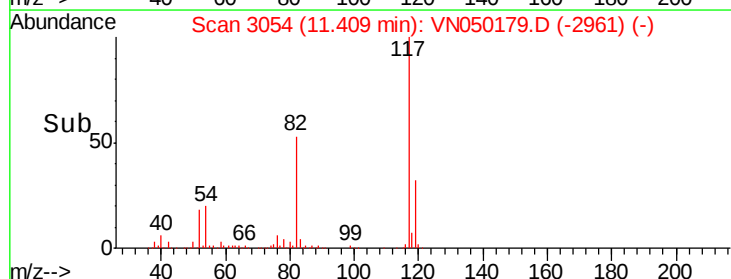
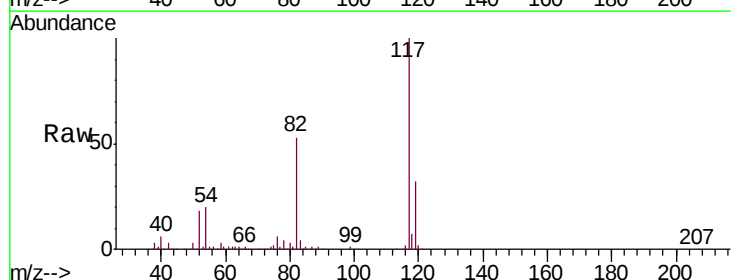
Instrument :
MSVOA_N
ClientSampleId :
PB111570TB

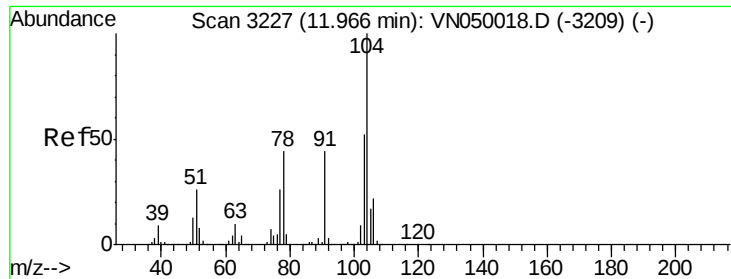
Tot Ion: 95 Resp: 397576
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 87.0 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050179.D
Acq: 30 Jul 2018 11:51

Tgt Ion: 117 Resp: 901775
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.0 26.1 39.1





#70

Stvrene

Concen: 0.98 ug/l

RT: 11.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB111570TB

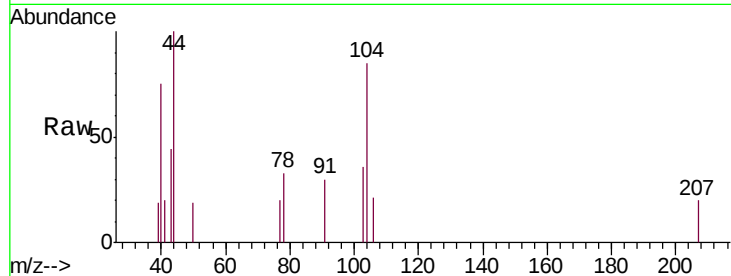
Tot Ion:104 Resp: 1263

Ion Ratio Lower Upper

104 100

78 16.7 39.3 58.9#

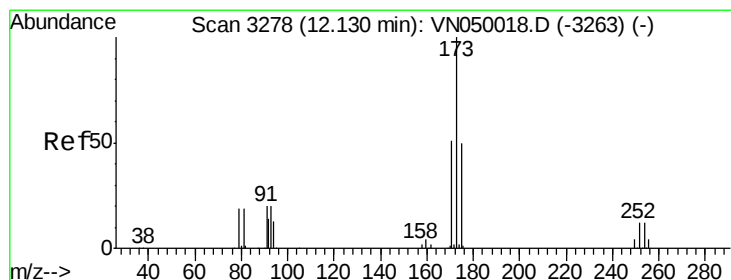
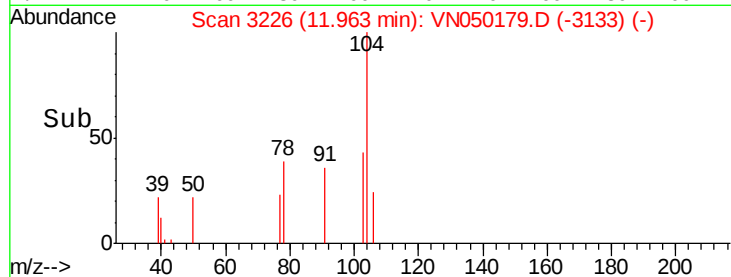
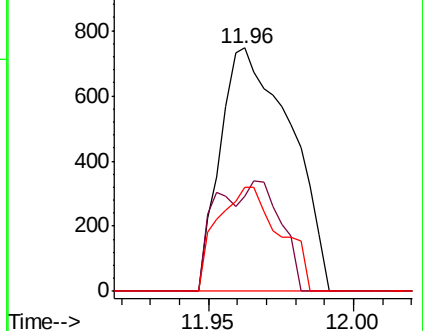
103 38.2 45.0 67.6#



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



#71

Bromoform

Concen: 0.44 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

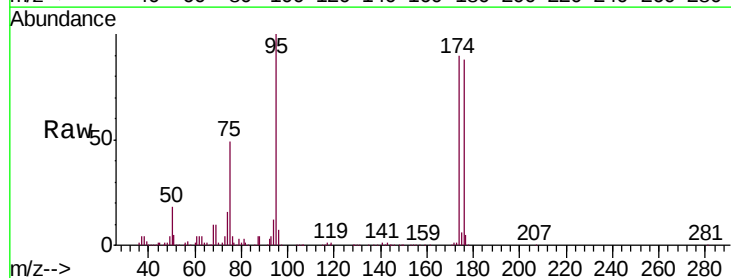
Tgt Ion:173 Resp: 2772

Ion Ratio Lower Upper

173 100

175 795.0 24.1 72.2#

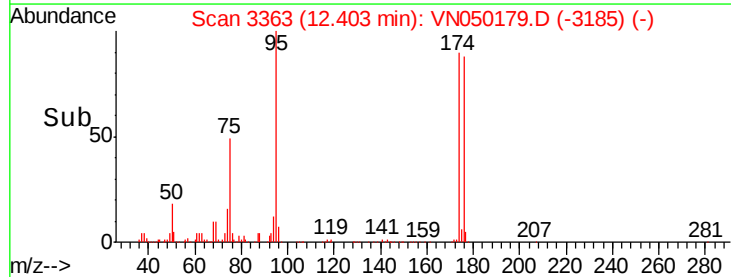
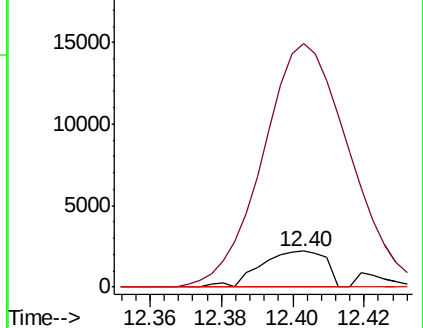
254 0.0 0.2 0.2#

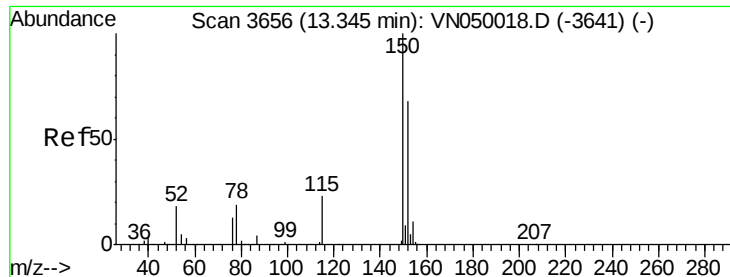


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB111570TB

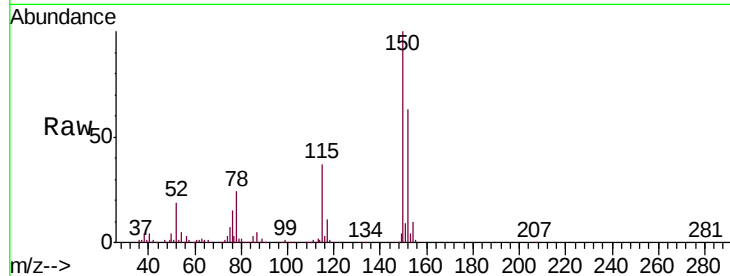
Tot Ion:152 Resp: 301316

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

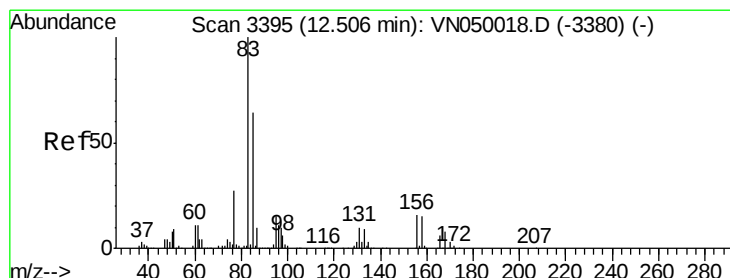
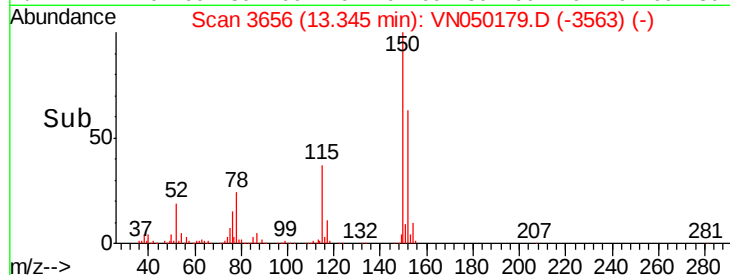
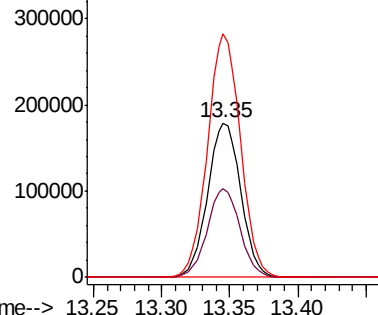
150 156.8 0.0 348.6



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: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

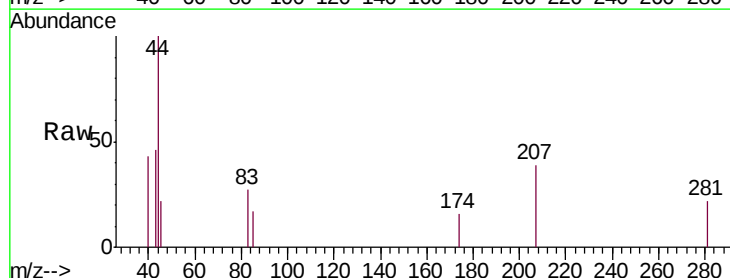
Tgt Ion: 83 Resp: 289

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

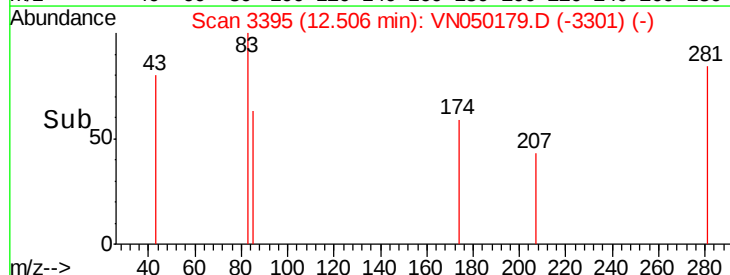
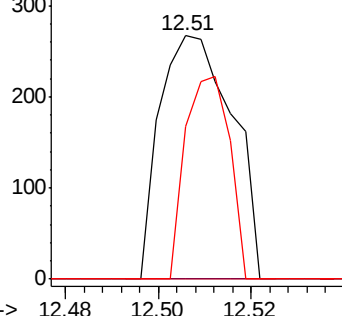
85 50.5 32.3 96.8

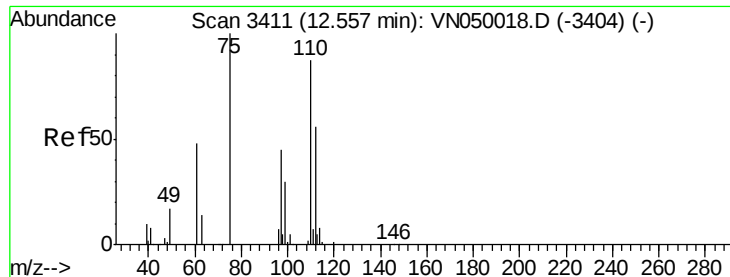


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 34.44 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampled :

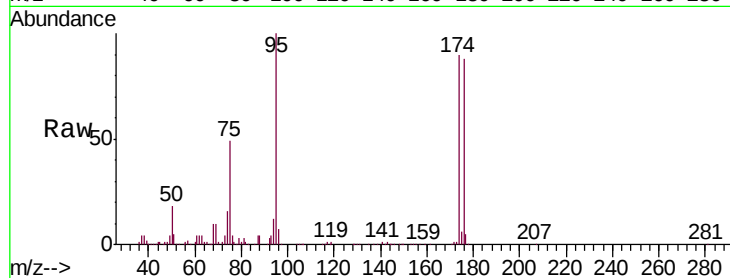
PB111570TB

Tot Ion: 75 Resp: 192878

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3404) (-)

Ion 77.00 (76.70 to 77.70): VN050018.D (-3404) (-)

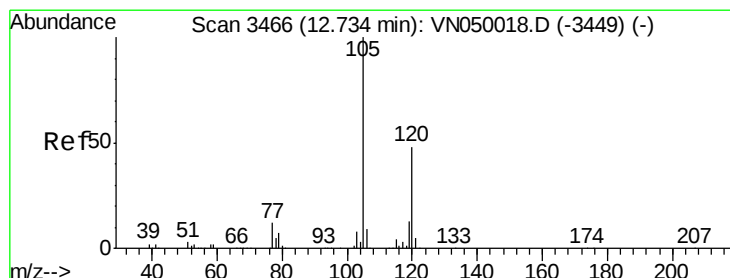
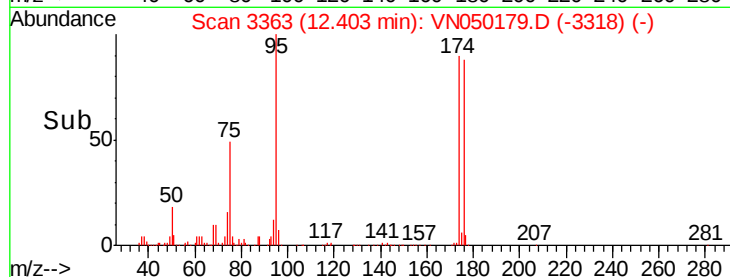
12.40

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.31 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050179.D

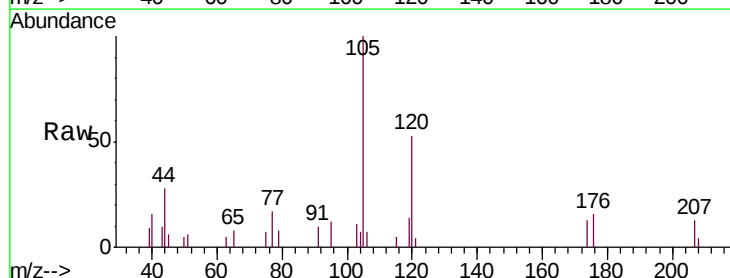
Acq: 30 Jul 2018 11:51

Tgt Ion: 105 Resp: 5649

Ion Ratio Lower Upper

105 100

120 46.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3449) (-)

12.73

4000

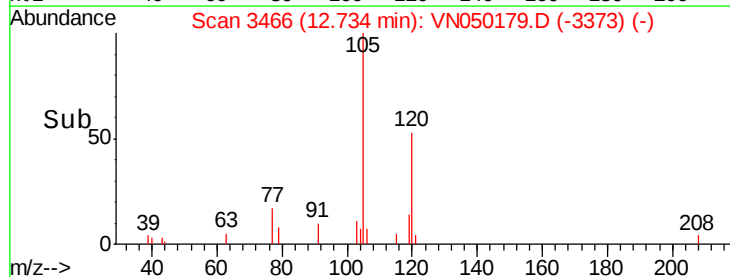
3000

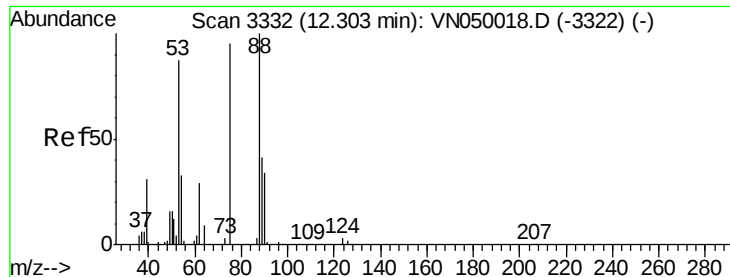
2000

1000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 109.25 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB111570TB

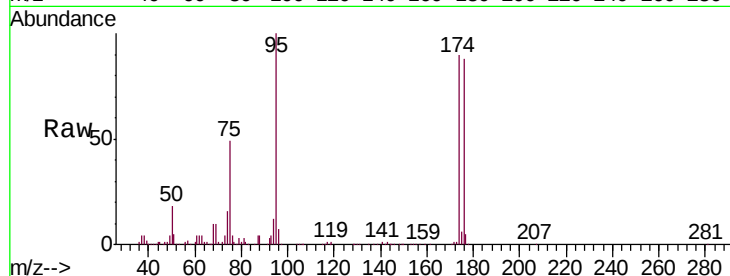
Tot Ion: 75 Resp: 192878

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

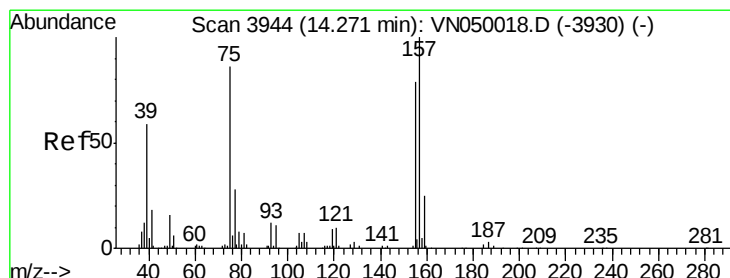
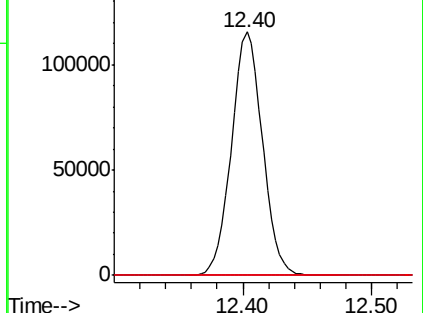
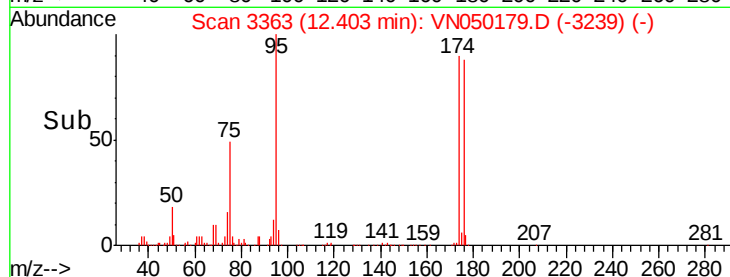
89 0.0 36.0 54.0#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

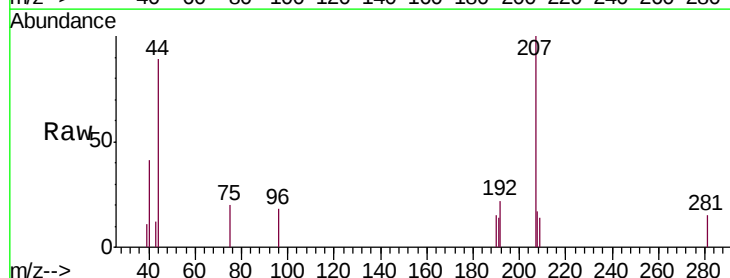
Tgt Ion: 75 Resp: 403

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

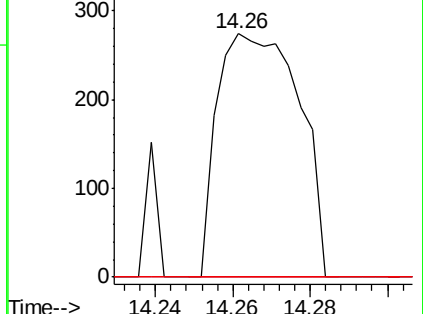
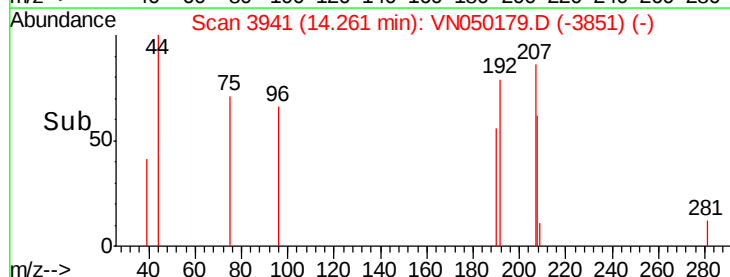
157 0.0 57.2 171.6#

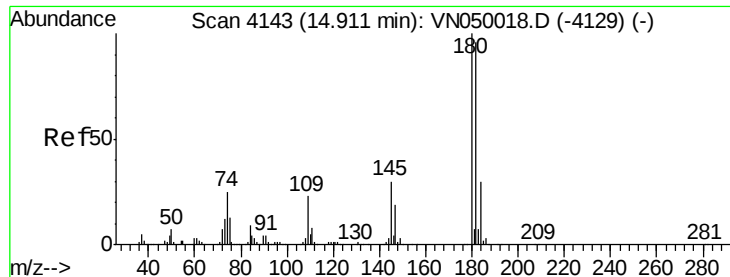


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

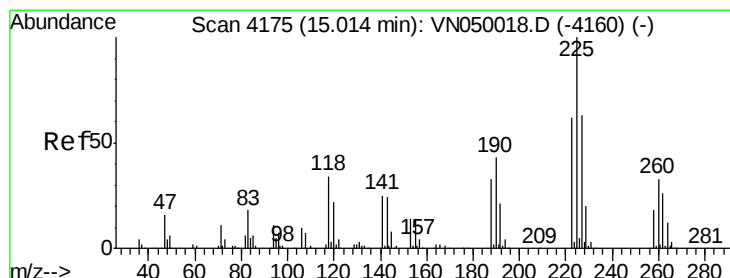
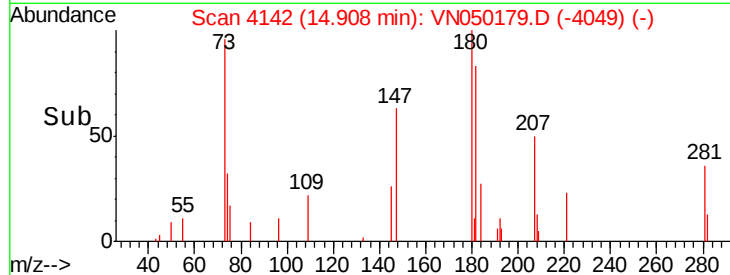
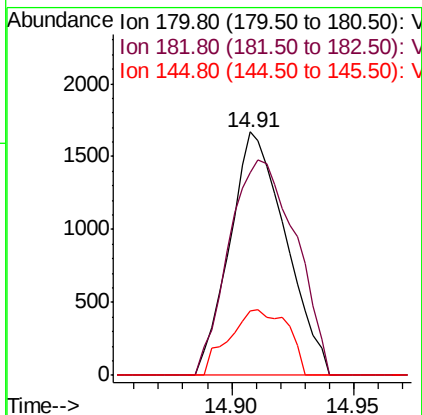
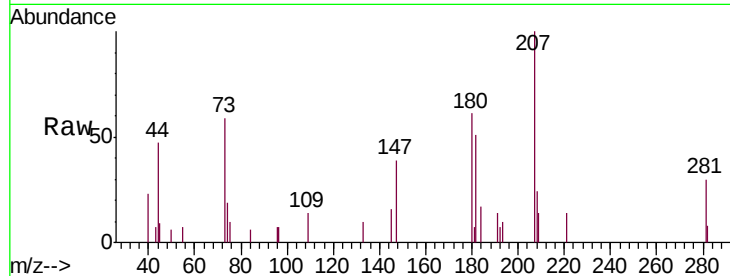




#93
 1,2,4-Trichlorobenzene
 Concen: 3.52 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050179.D
 Acq: 30 Jul 2018 11:51

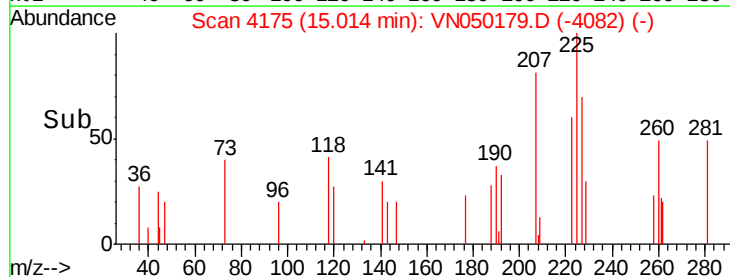
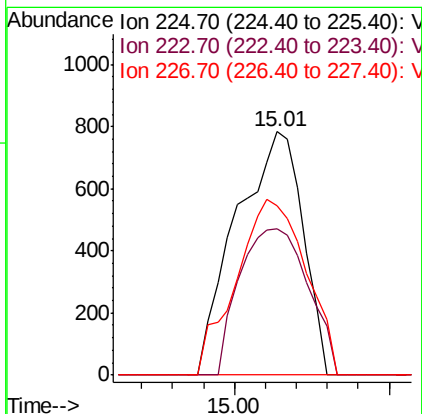
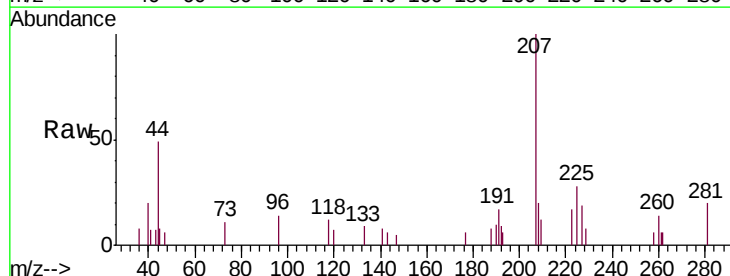
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570TB

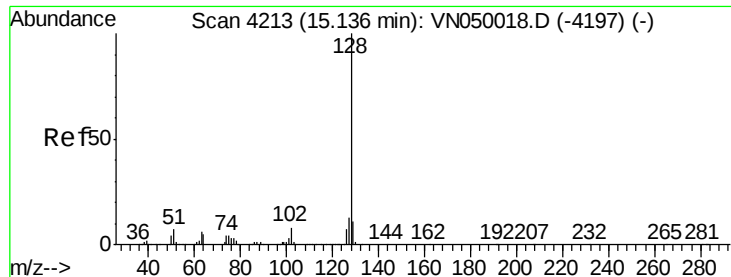
Tot Ion:180 Resp: 2660
 Ion Ratio Lower Upper
 180 100
 182 105.6 46.7 140.1
 145 28.3 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 0.35 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050179.D
 Acq: 30 Jul 2018 11:51

Tgt Ion:225 Resp: 1172
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.4 94.2
 227 75.4 32.1 96.5





#95

Naphthalene

Concen: 4.94 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB111570TB

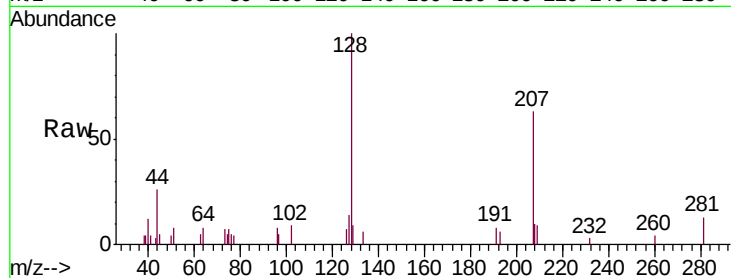
Tot Ion:128 Resp: 7971

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

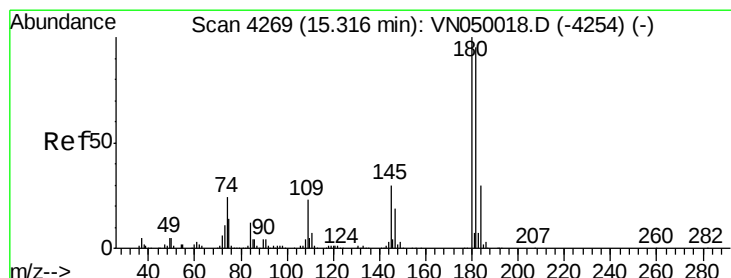
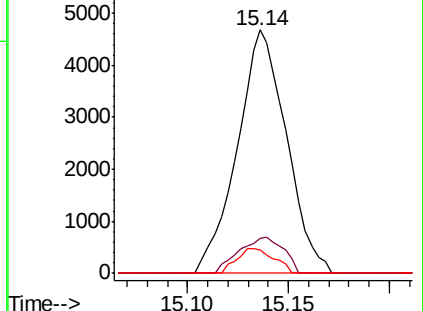
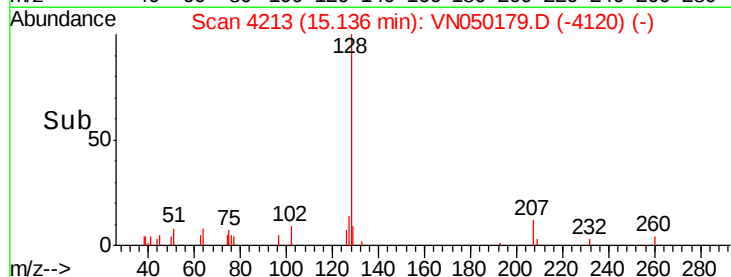
129 7.8 8.8 13.2#



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: 2.75 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050179.D

Acq: 30 Jul 2018 11:51

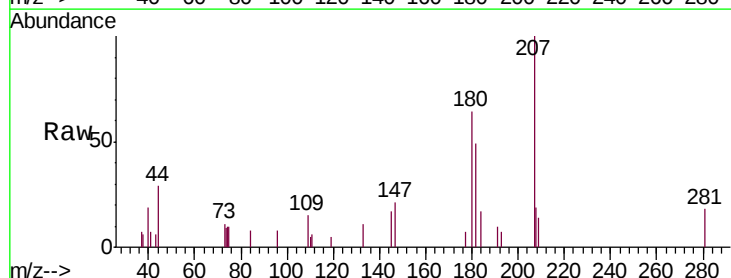
Tgt Ion:180 Resp: 3214

Ion Ratio Lower Upper

180 100

182 89.0 48.1 144.4

145 26.2 15.3 45.9



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

