

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050536.D
 Acq On : 10 Aug 2018 23:37
 Operator : MD\SY
 Sample : PB111921ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#10

Quant Time: Aug 11 04:59:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1043158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	910781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336613	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	444926	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	409526	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	10.09	98	1454105	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	12.40	95	406242	37.87	ug/l	0.00
Spiked Amount			Recovery	=	75.74%	

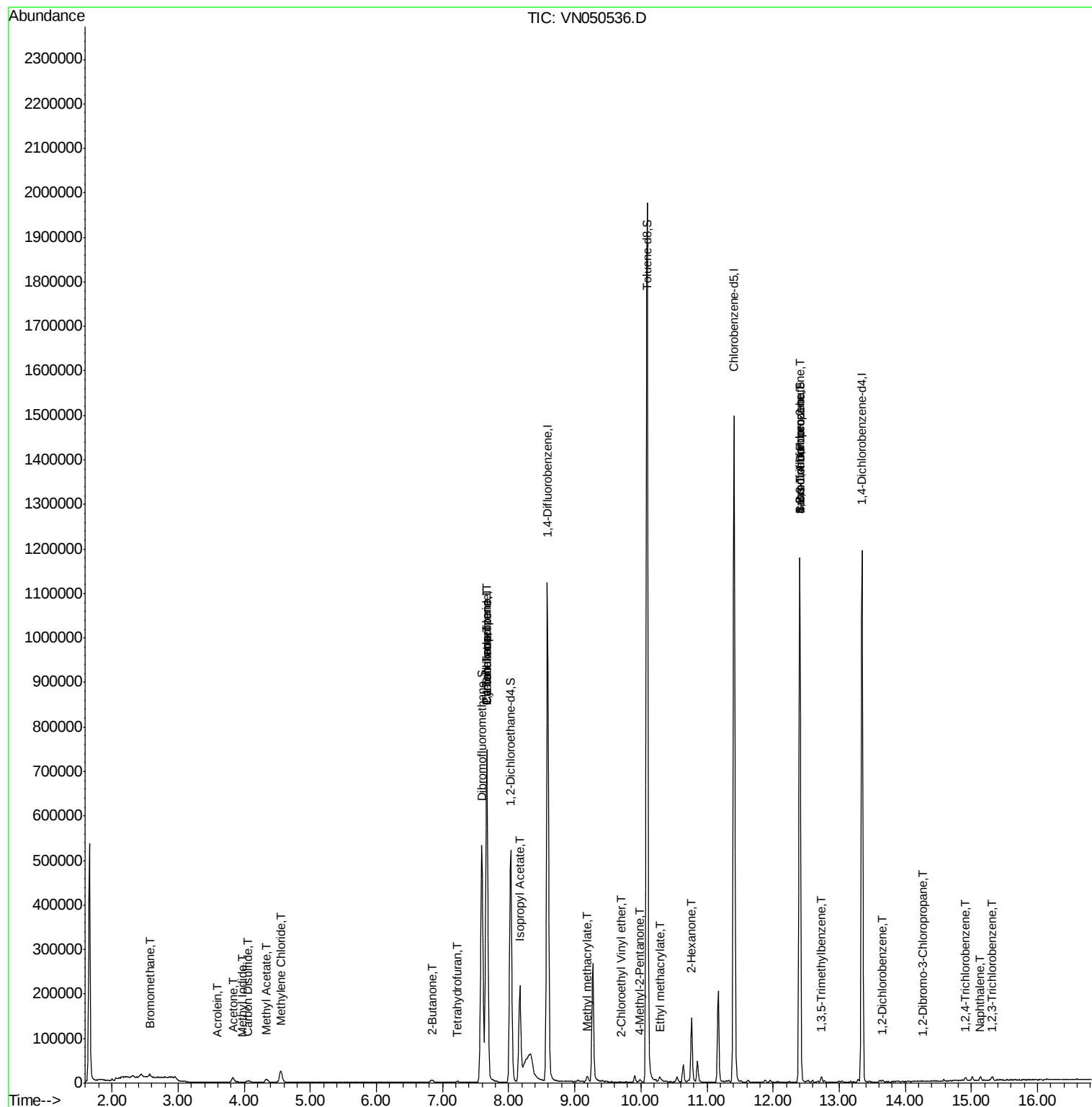
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3161	Below Cal	#	74
5) Bromomethane	2.57	94	4955	1.27	ug/l	92
10) Methyl Iodide	3.96	142	1782	0.55	ug/l	# 90
13) Acrolein	3.61	56	61	15.09	ug/l	# 15
16) Acetone	3.83	43	19274	7.17	ug/l	90
17) Carbon Disulfide	4.05	76	5504	0.24	ug/l	99
18) Methyl Acetate	4.33	43	13625	1.86	ug/l	# 77
20) Methylene Chloride	4.55	84	20393	1.09	ug/l	90
25) 2-Butanone	6.85	43	4329	1.02	ug/l	97
29) Tetrahydrofuran	7.22	42	1113	0.49	ug/l	# 68
31) Cyclohexane	7.67	56	11995	0.35	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	44761	3.91	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	58010	4.85	ug/l	# 17
43) Isopropyl Acetate	8.17	43	262751	18.44	ug/l	99
48) Methyl methacrylate	9.18	41	8056	1.13	ug/l	# 22
51) 4-Methyl-2-Pentanone	9.99	43	3531	0.34	ug/l	95
56) Ethyl methacrylate	10.29	69	89	1.72	ug/l	# 26
58) 2-Chloroethyl Vinyl ether	9.70	63	198	7.43	ug/l	# 48
59) 2-Hexanone	10.77	43	21251	2.97	ug/l	62
71) Bromoform	12.40	173	3644	0.60	ug/l	# 1
76) 1,2,3-Trichloropropane	12.40	75	196110	32.19	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	6285	0.31	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	196110	113.09	ug/l	# 13
91) 1,2-Dichlorobenzene	13.65	146	2472	0.20	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	308	0.25	ug/l	# 32
93) 1,2,4-Trichlorobenzene	14.90	180	3398	0.55	ug/l	96
94) Hexachlorobutadiene	15.01	225	1926	Below Cal		88
95) Naphthalene	15.14	128	8307	4.09	ug/l	# 97
96) 1,2,3-Trichlorobenzene	15.31	180	3670	0.59	ug/l	98

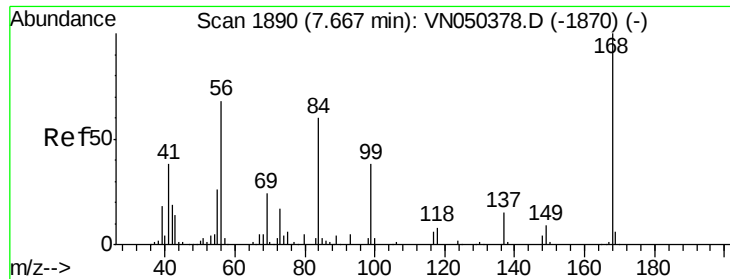
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 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: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

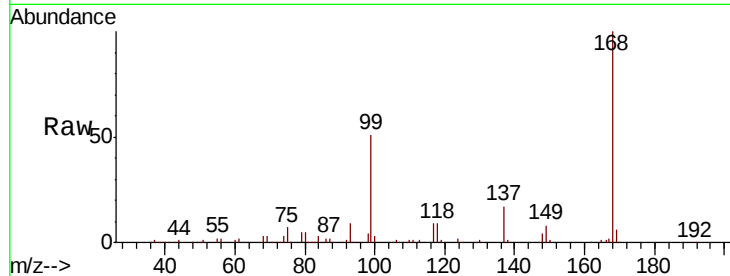
PB111921ZHE#10

Tot Ion:168 Resp: 642975

Ion Ratio Lower Upper

168 100

99 50.8 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

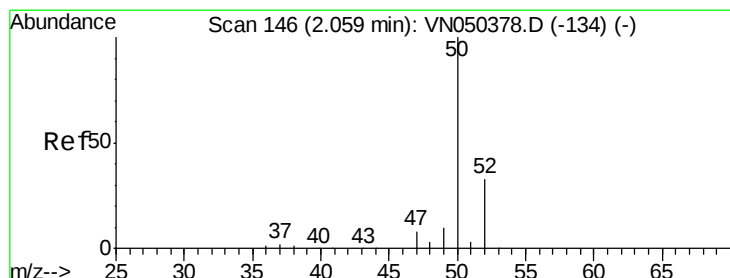
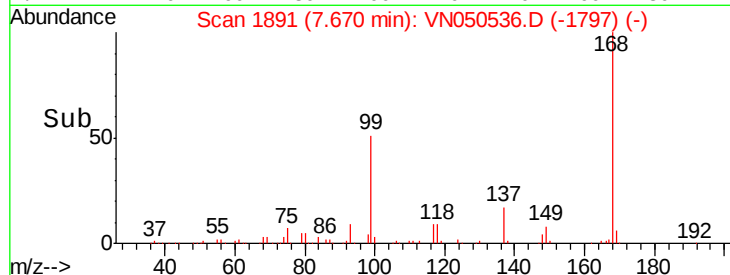
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050536.D

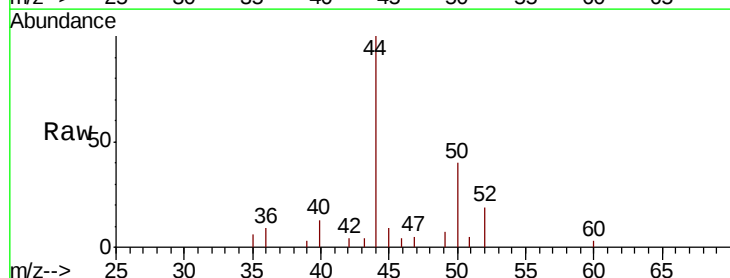
Acq: 10 Aug 2018 23:37

Tgt Ion: 50 Resp: 3161

Ion Ratio Lower Upper

50 100

52 47.2 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

2000

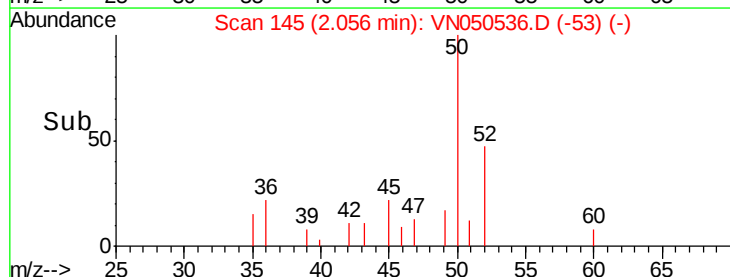
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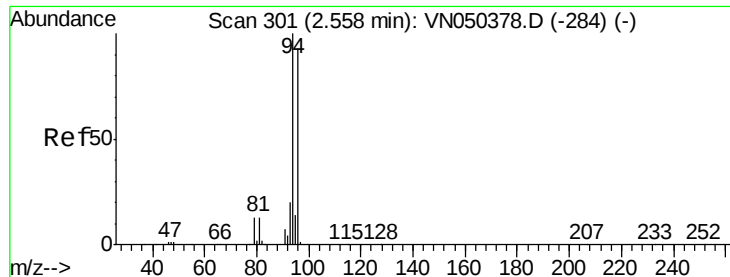
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.27 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

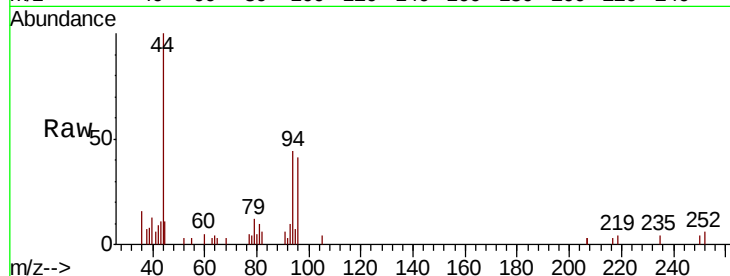
PB111921ZHE#10

Tot Ion: 94 Resp: 4955

Ion Ratio Lower Upper

94 100

96 100.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050536.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050536.D (-284) (-)

2.57

2500

2000

1500

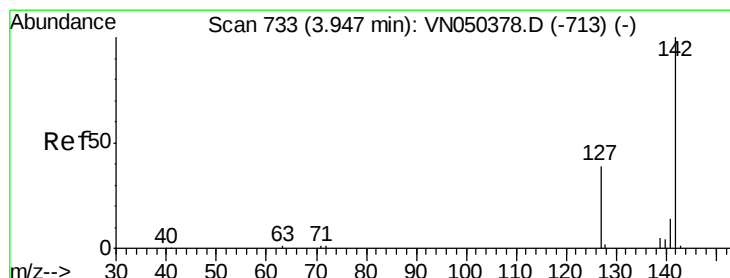
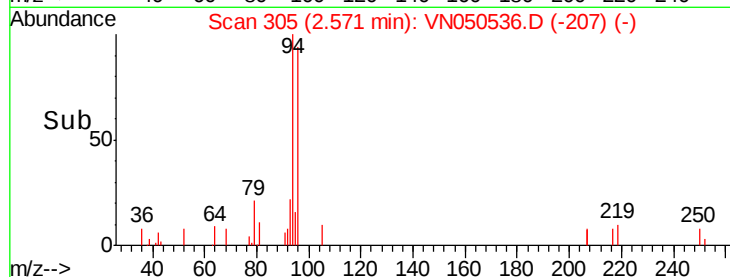
1000

500

0

2.50 2.55 2.60 2.65

Time-->



#10

Methyl Iodide

Concen: 0.55 ug/l

RT: 3.96 min Scan# 737

Delta R.T. 0.01 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

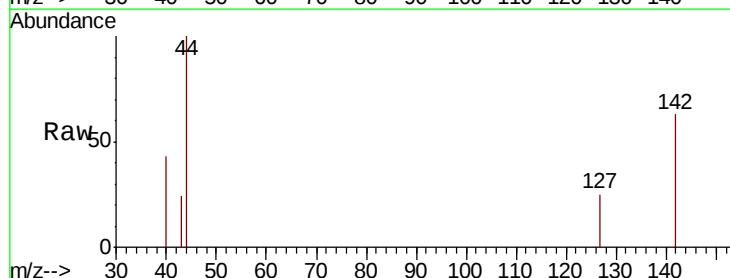
Tgt Ion: 142 Resp: 1782

Ion Ratio Lower Upper

142 100

127 40.8 33.4 50.2

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): VN050536.D (-639) (-)

Ion 126.80 (126.50 to 127.50): VN050536.D (-639) (-)

Ion 140.80 (140.50 to 141.50): VN050536.D (-639) (-)

3.96

800

600

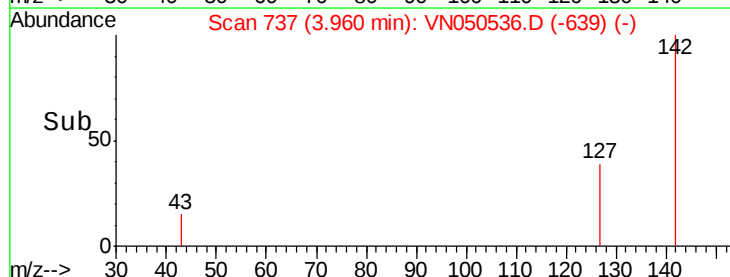
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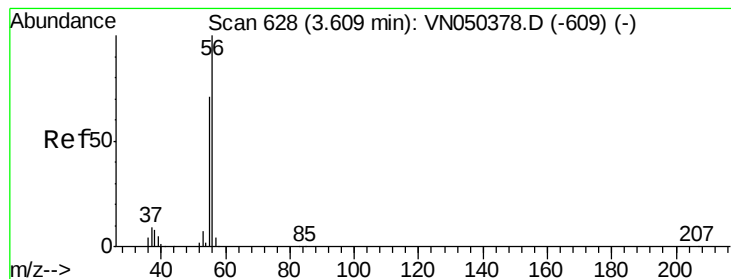
200

0

3.90 3.95 4.00

Time-->





#13

Acrolein

Concen: 15.09 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

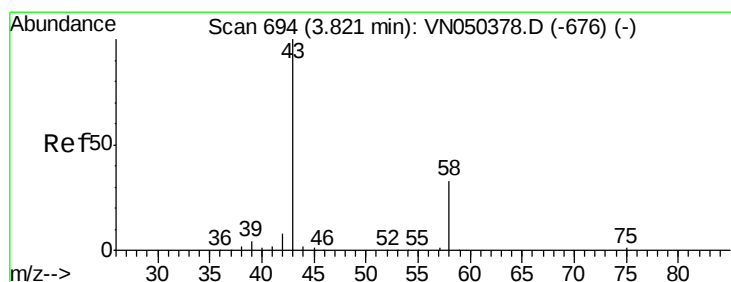
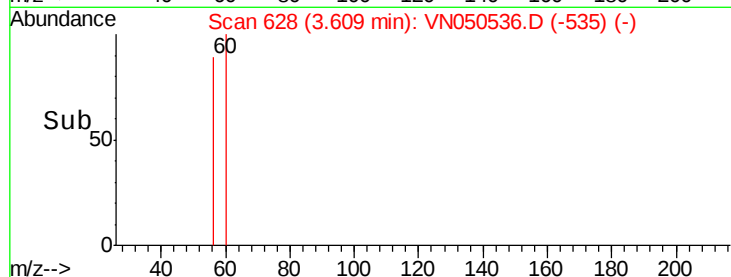
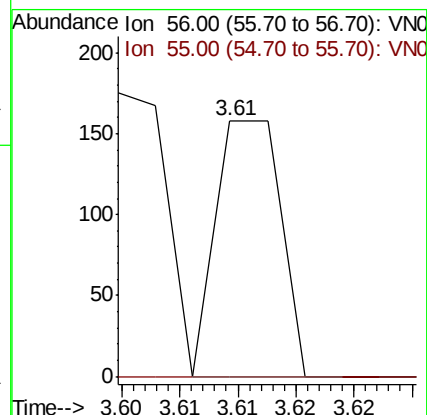
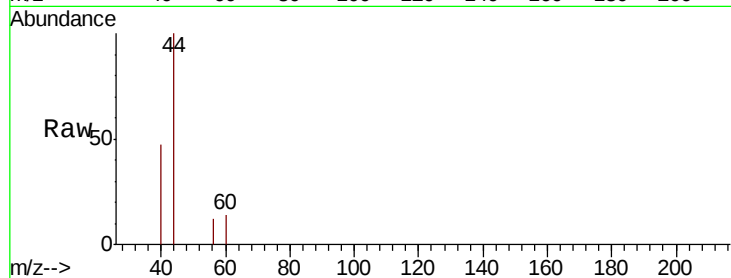
PB111921ZHE#10

Tot Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



#16

Acetone

Concen: 7.17 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050536.D

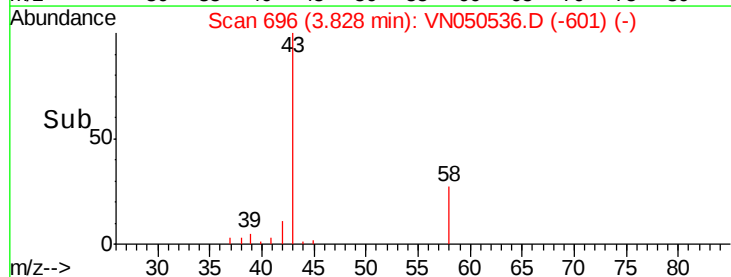
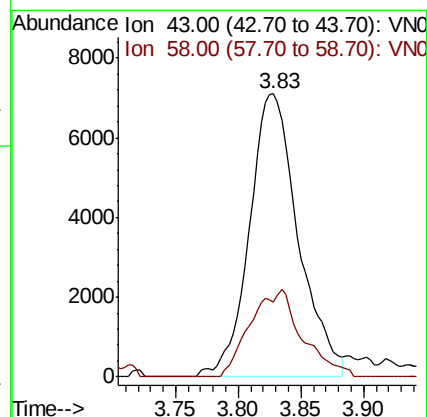
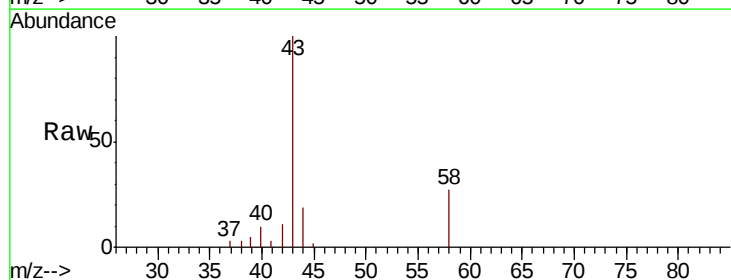
Acq: 10 Aug 2018 23:37

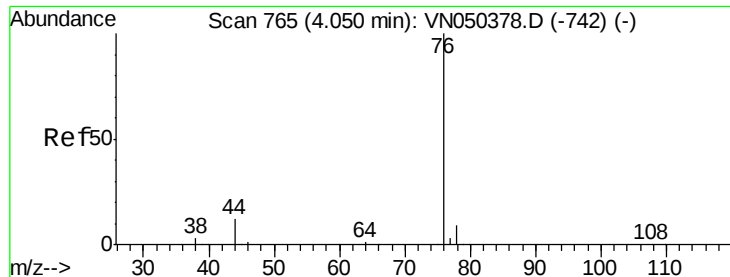
Tgt Ion: 43 Resp: 19274

Ion Ratio Lower Upper

43 100

58 26.5 25.8 38.8

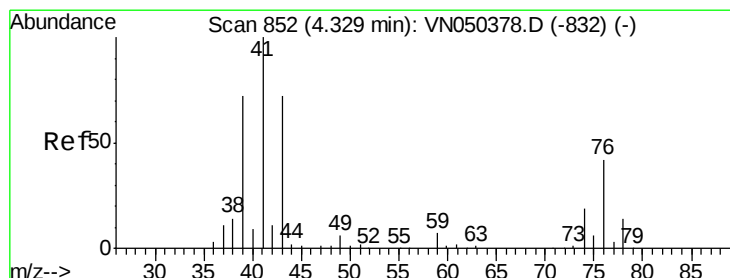
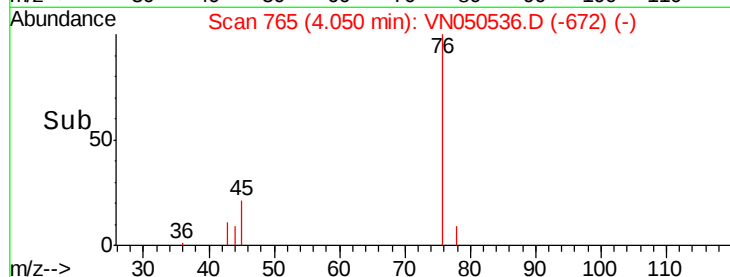
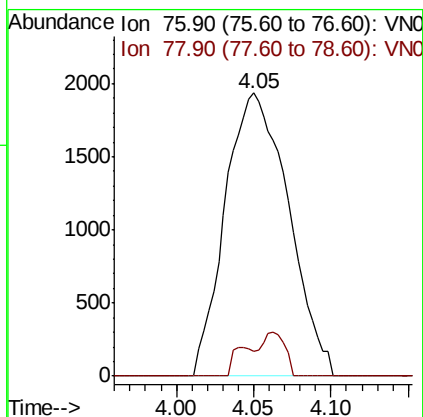
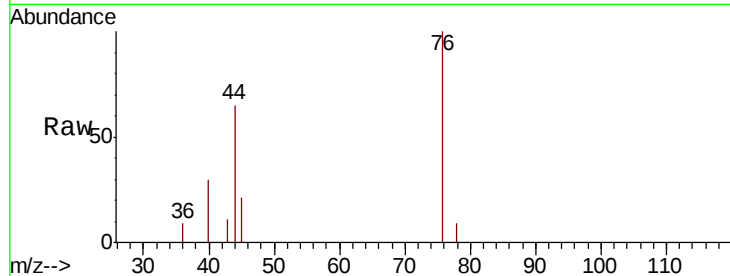




#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

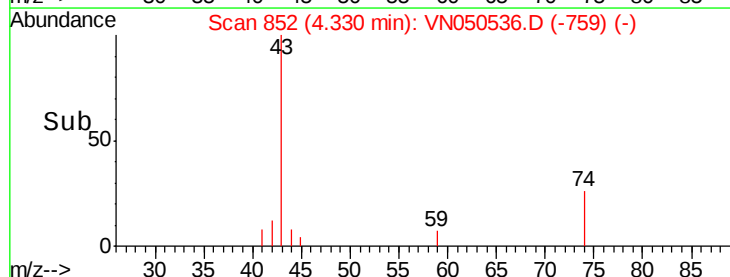
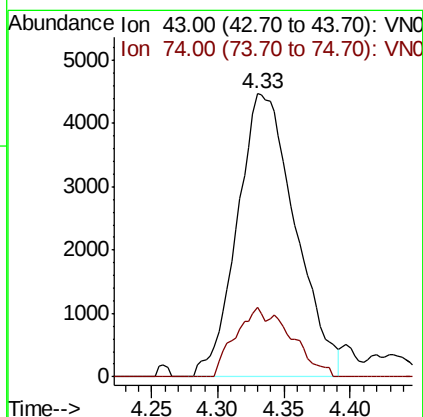
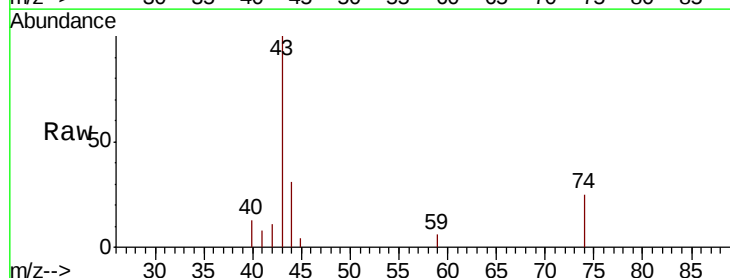
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#10

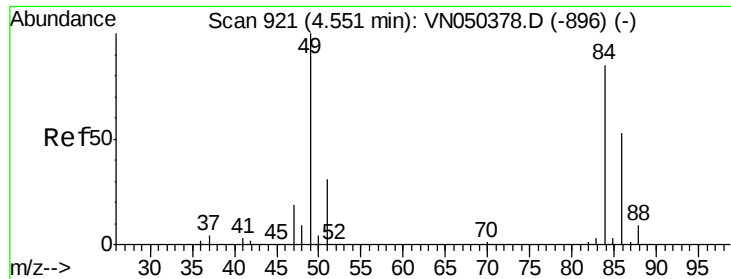
Tot Ion: 76 Resp: 5504
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 1.86 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

Tgt Ion: 43 Resp: 13625
Ion Ratio Lower Upper
43 100
74 12.6 19.2 28.8#

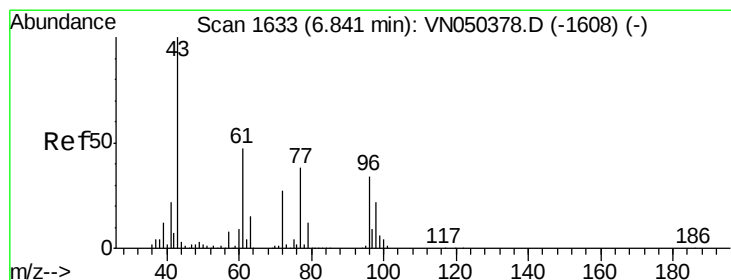
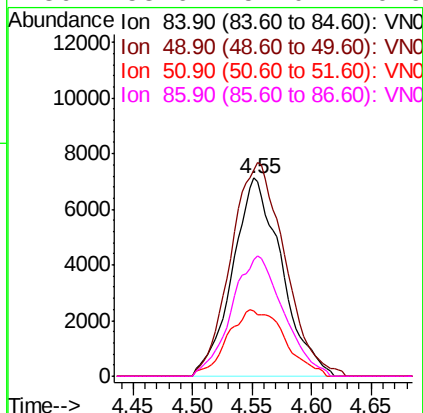
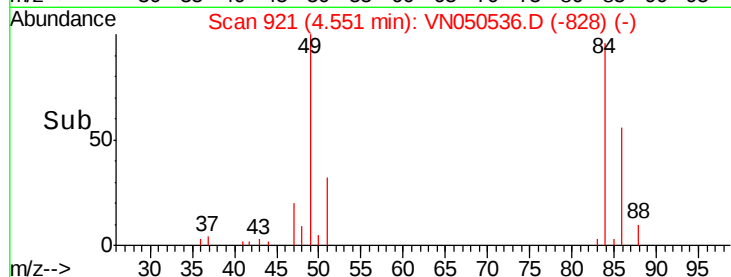
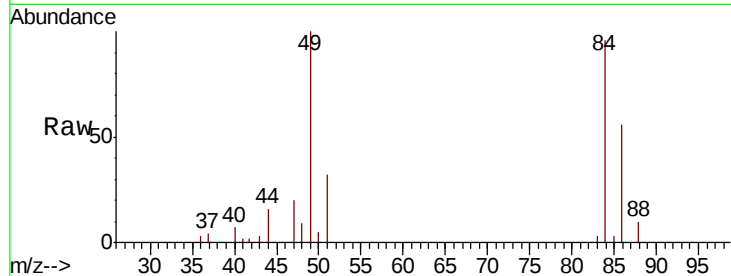




#20
Methvlene Chloride
Concen: 1.09 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

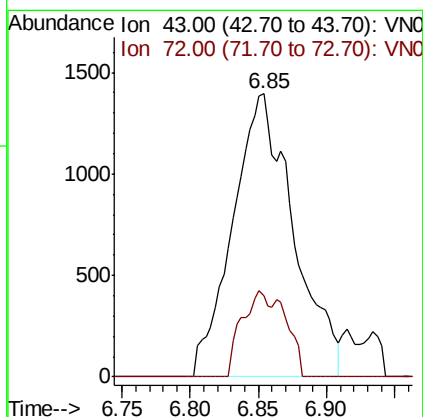
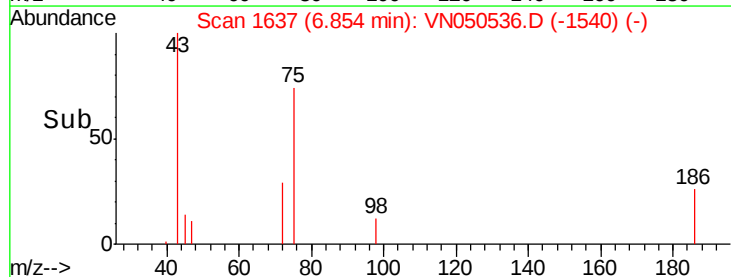
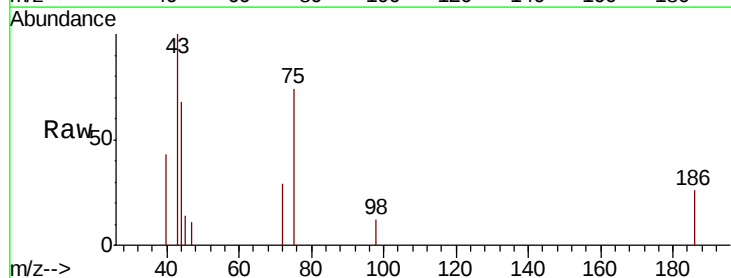
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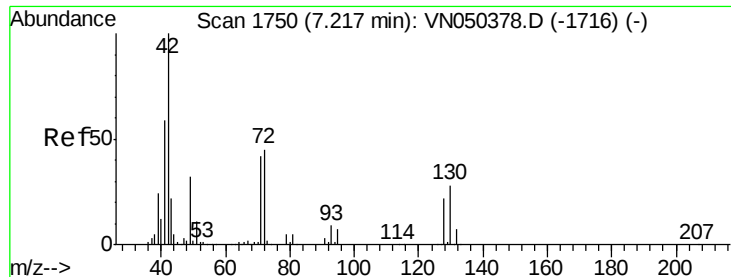
Tot Ion:	84	Resp:	20393
Ion	Ratio	Lower	Upper
84	100		
49	104.2	94.8	142.2
51	32.9	28.3	42.5
86	58.6	51.0	76.6



#25
2-Butanone
Concen: 1.02 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

Tgt Ion:	43	Resp:	4329
Ion	Ratio	Lower	Upper
43	100		
72	28.7	21.5	32.3

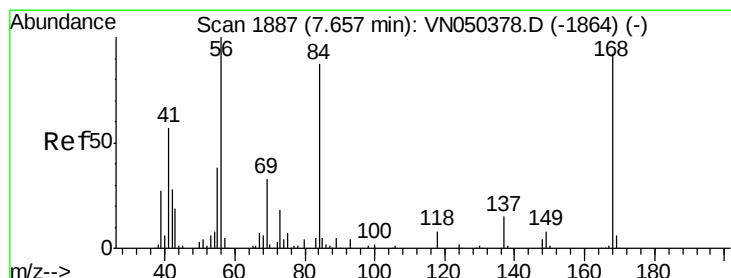
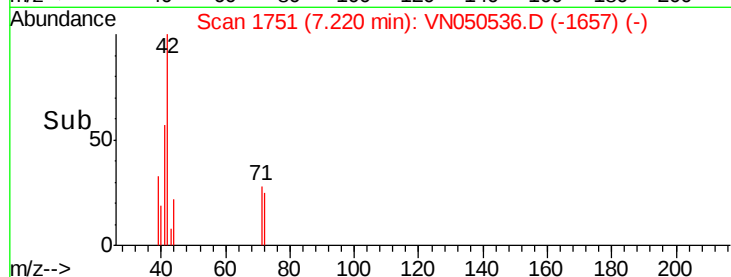
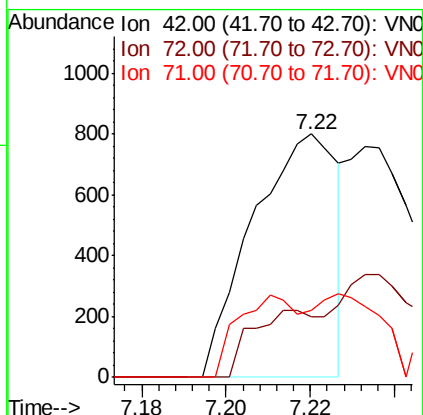
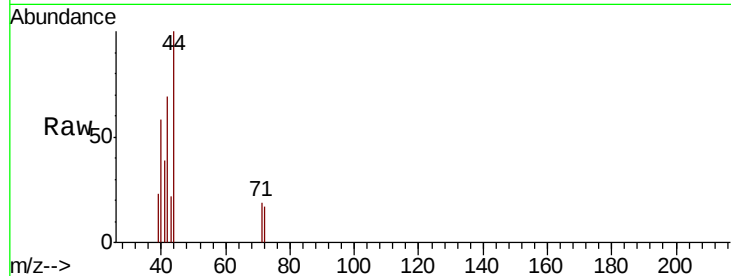




#29
Tetrahydrofuran
Concen: 0.49 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

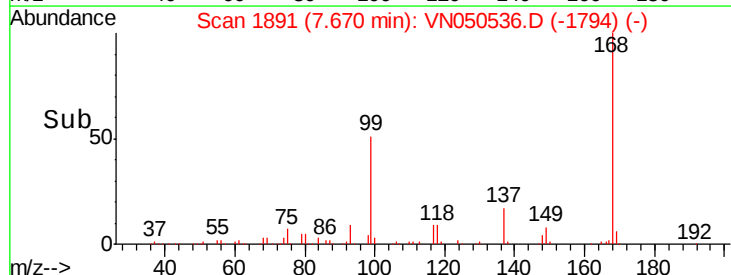
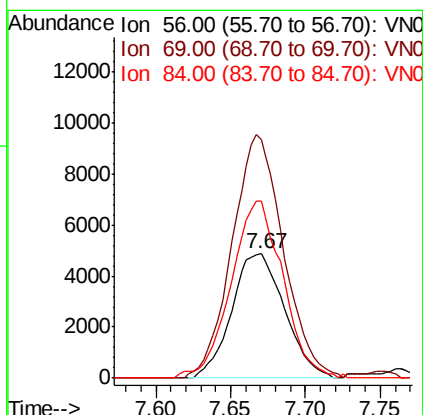
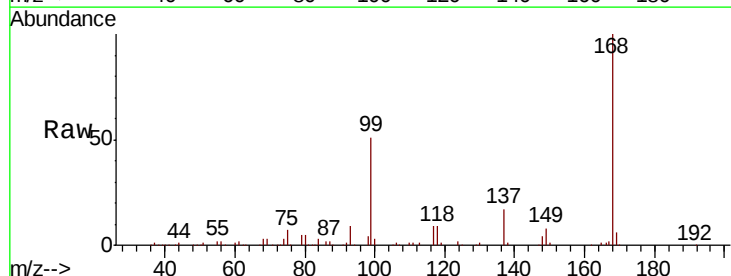
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#10

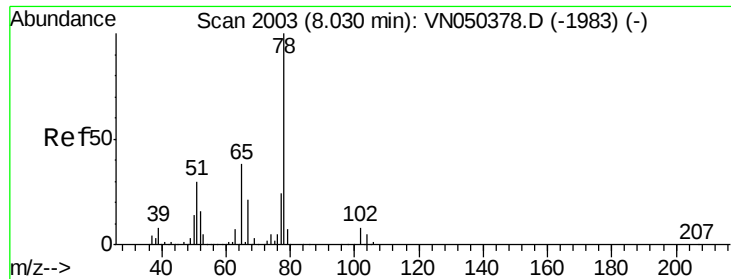
Tot Ion: 42 Resp: 1113
Ion Ratio Lower Upper
42 100
72 23.1 35.9 53.9#
71 23.1 33.7 50.5#



#31
Cyclohexane
Concen: 0.35 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

Tgt Ion: 56 Resp: 11995
Ion Ratio Lower Upper
56 100
69 189.3 26.2 39.4#
84 142.9 67.4 101.0#

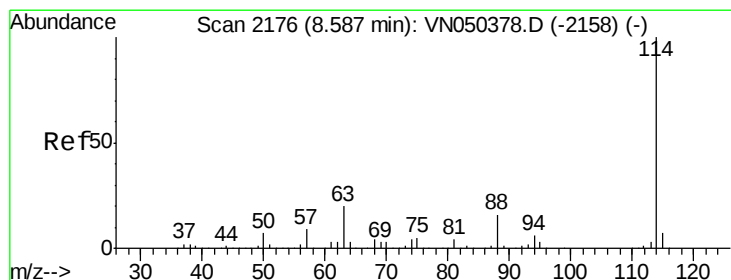
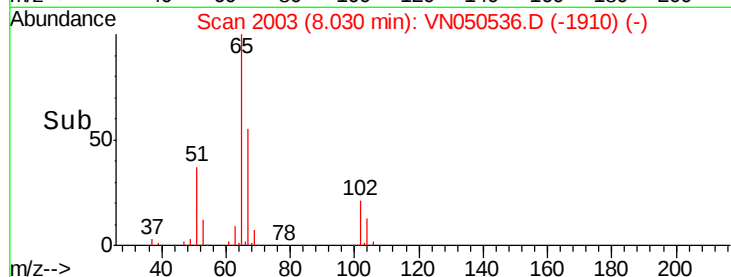
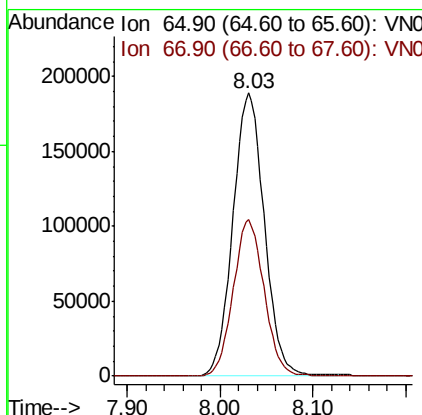
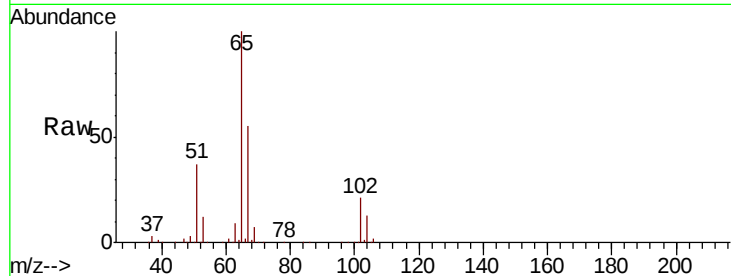




#33
 1,2-Dichloroethane-d4
 Concen: 51.79 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050536.D
 Acq: 10 Aug 2018 23:37

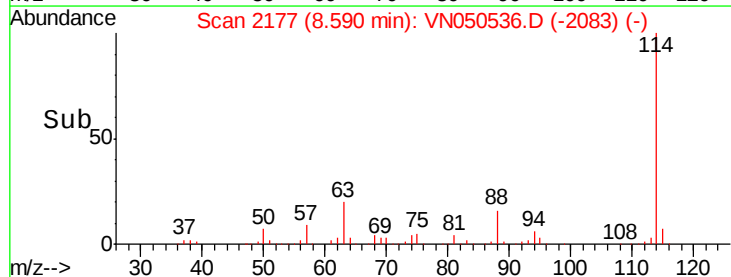
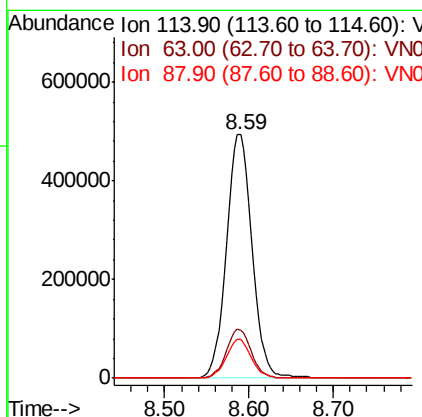
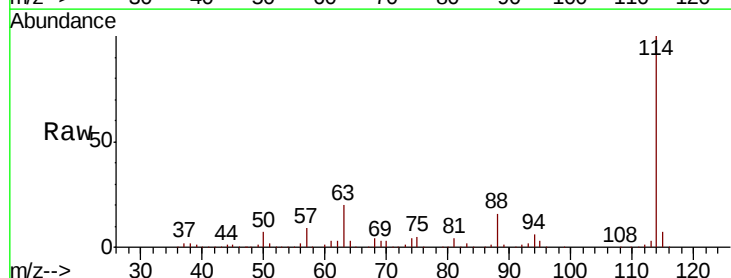
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#10

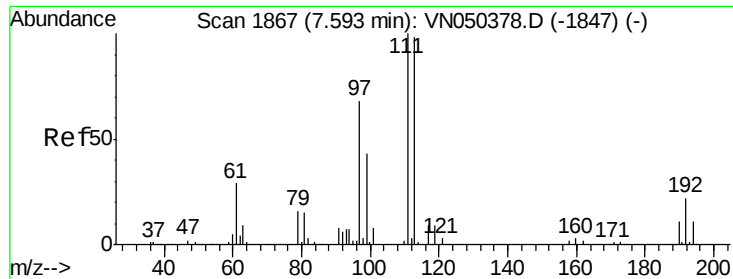
Tot Ion: 65 Resp: 444926
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050536.D
 Acq: 10 Aug 2018 23:37

Tgt Ion: 114 Resp: 1043158
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.7 0.0 31.2

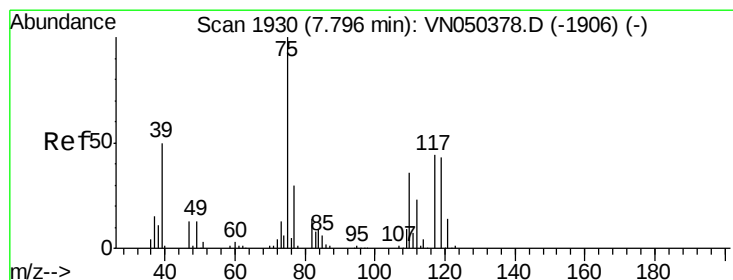
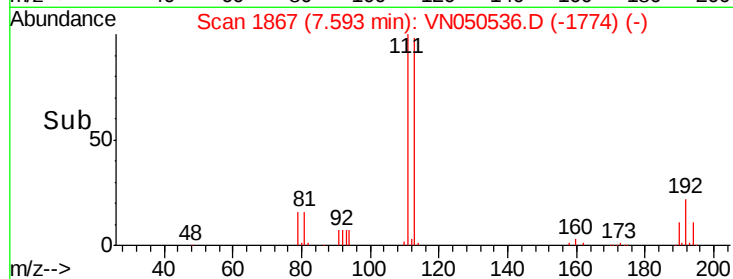
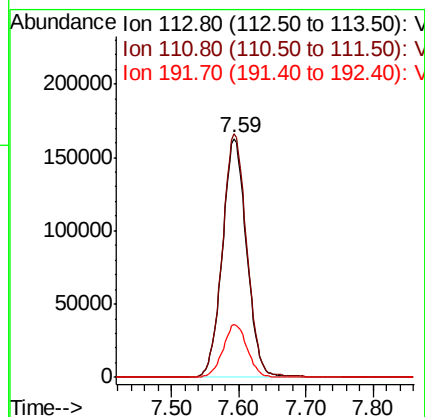
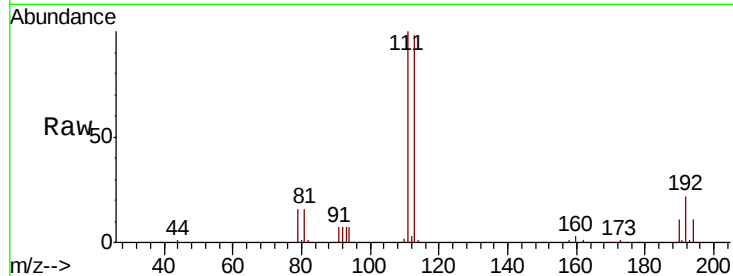




#35
 Dibromofluoromethane
 Concen: 48.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050536.D
 Acq: 10 Aug 2018 23:37

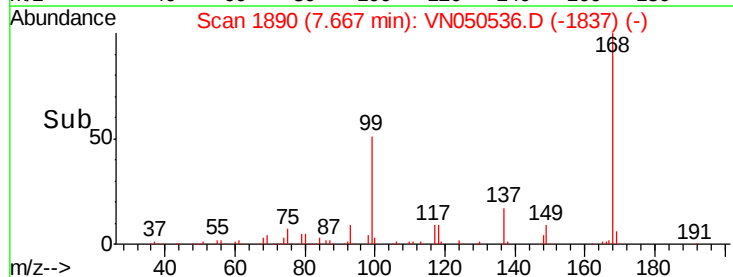
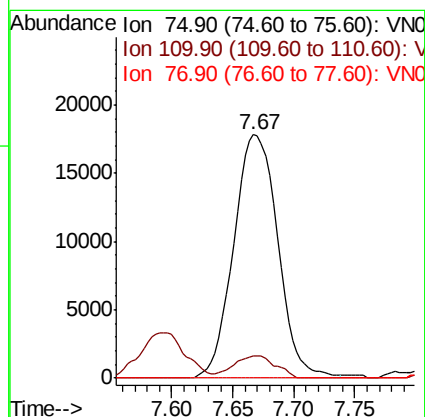
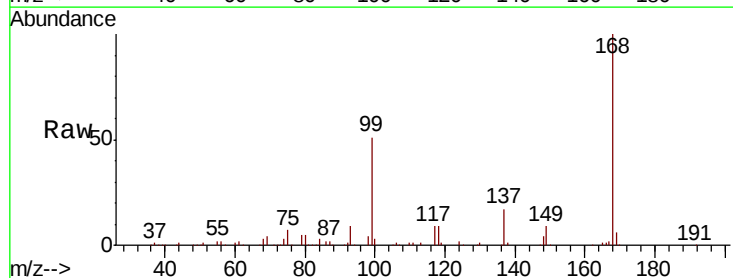
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#10

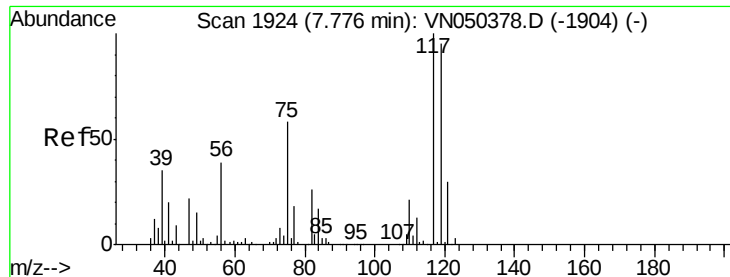
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.7	121.1
192	22.0	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.91 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050536.D
 Acq: 10 Aug 2018 23:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.2#
77	0.0	25.3	37.9#

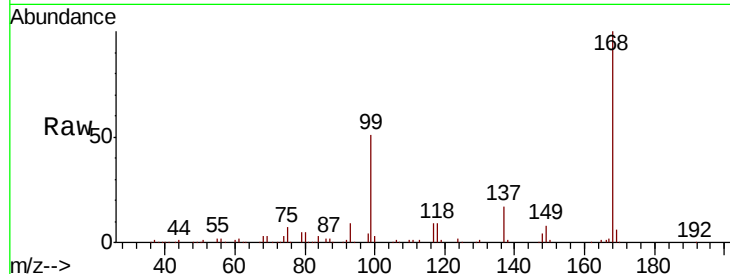




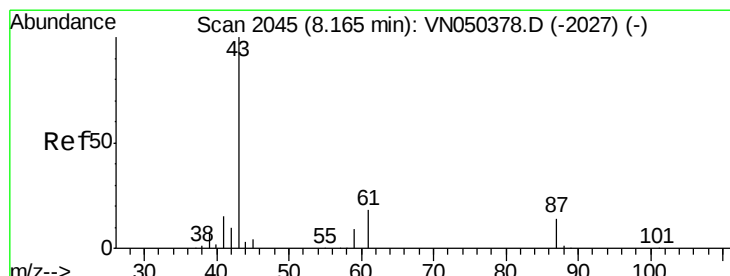
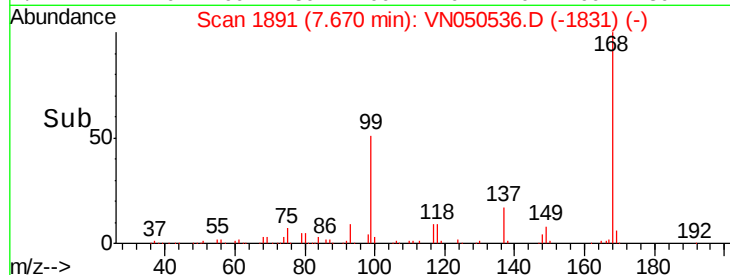
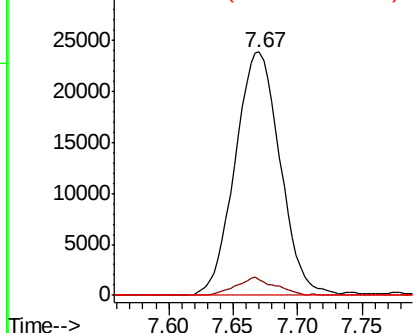
#38
Carbon Tetrachloride
Concen: 4.85 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#10

Tot Ion:117 Resp: 58010
Ion Ratio Lower Upper
117 100
119 6.5 77.4 116.0#
121 0.0 23.9 35.9#

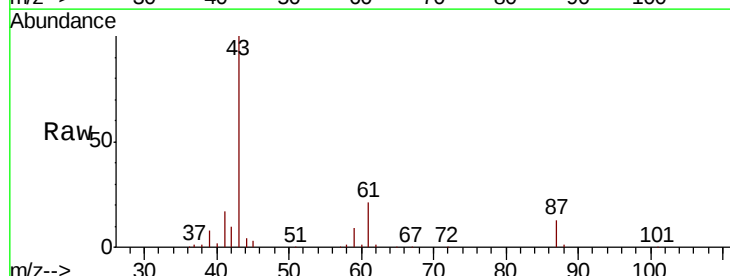


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

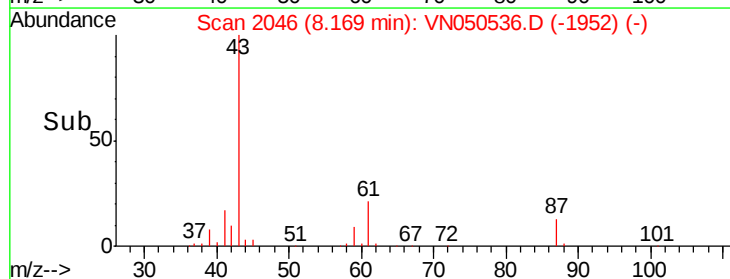
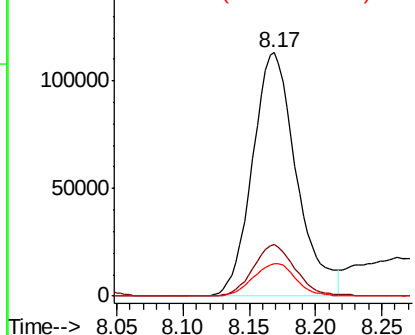


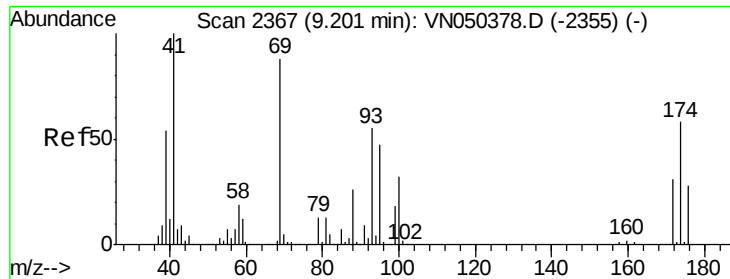
#43
Isopropyl Acetate
Concen: 18.44 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

Tgt Ion: 43 Resp: 262751
Ion Ratio Lower Upper
43 100
61 20.2 15.8 23.6
87 13.0 10.3 15.5



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

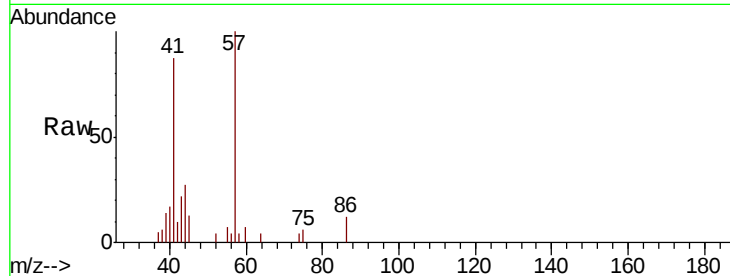




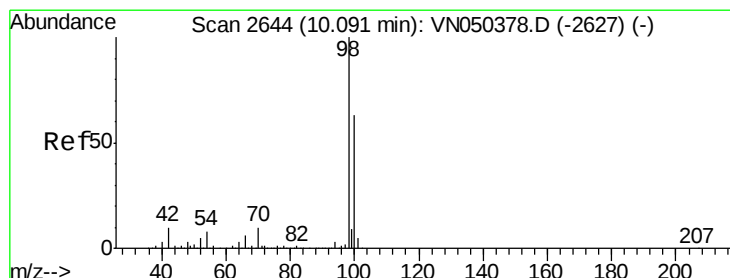
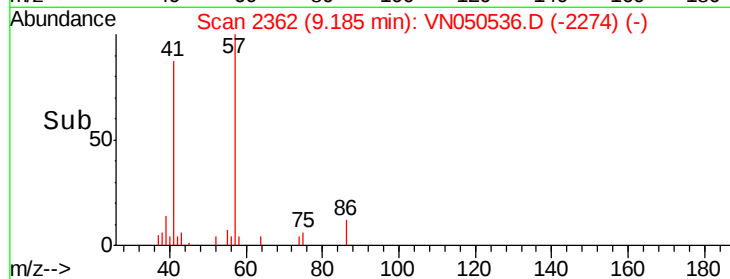
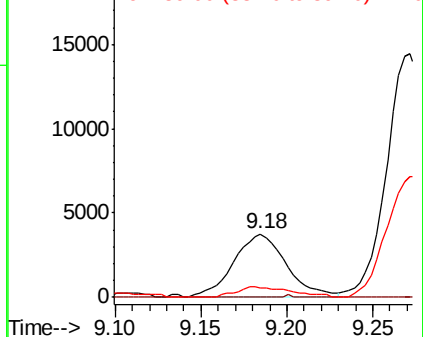
#48
Methvl methacrylate
Concen: 1.13 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#10

Tot Ion: 41 Resp: 8056
Ion Ratio Lower Upper
41 100
69 0.4 70.6 105.8#
39 17.7 43.9 65.9#

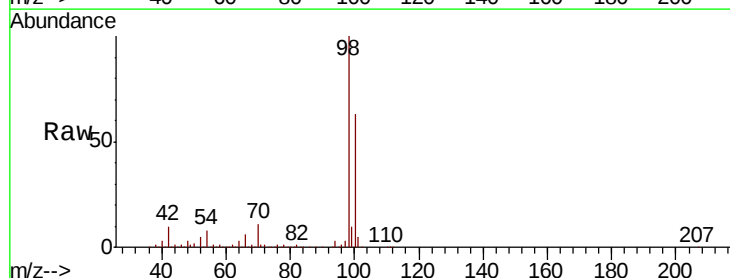


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

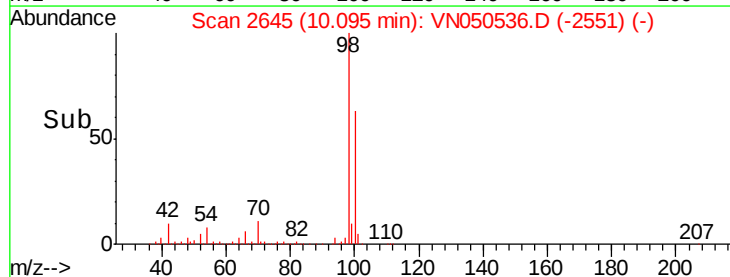
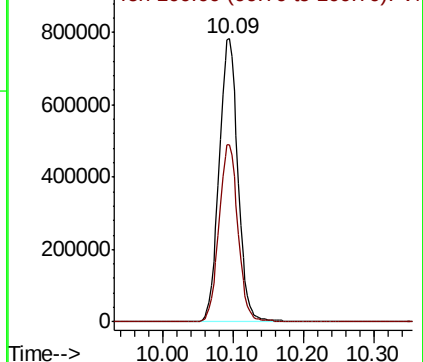


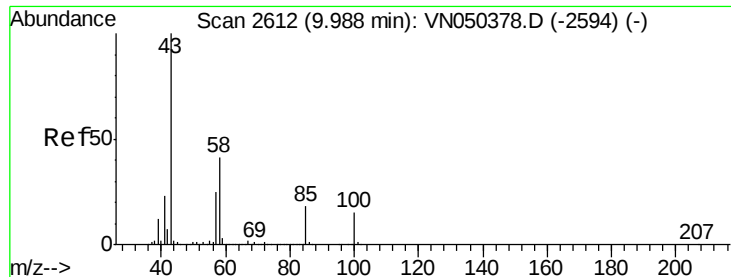
#50
Toluene-d8
Concen: 46.20 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

Tgt Ion: 98 Resp: 1454105
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

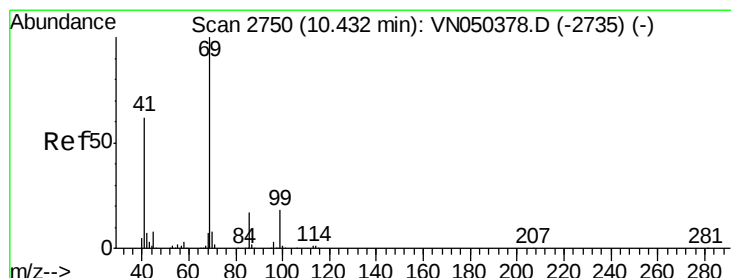
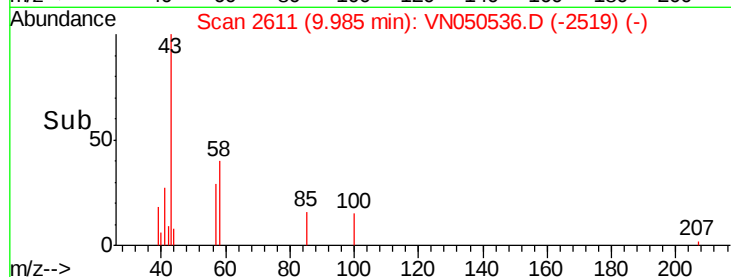
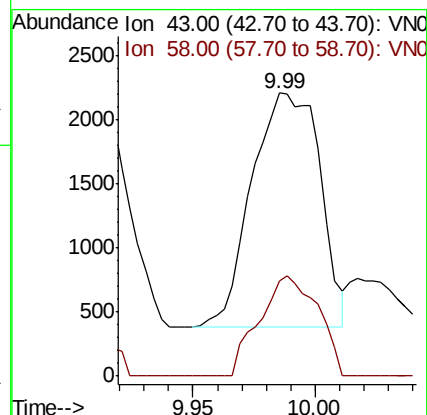
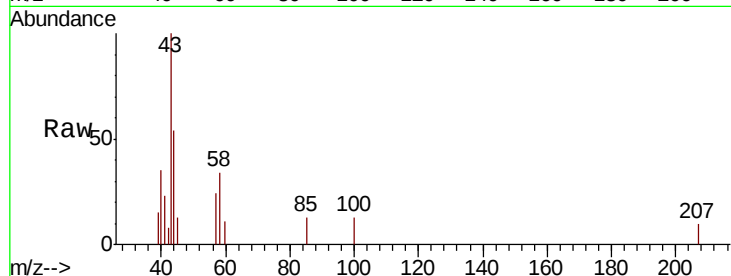
PB111921ZHE#10

Tot Ion: 43 Resp: 3531

Ion Ratio Lower Upper

43 100

58 36.7 31.9 47.9



#56

Ethyl methacrylate

Concen: 1.72 ug/l

RT: 10.29 min Scan# 2706

Delta R.T. -0.14 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

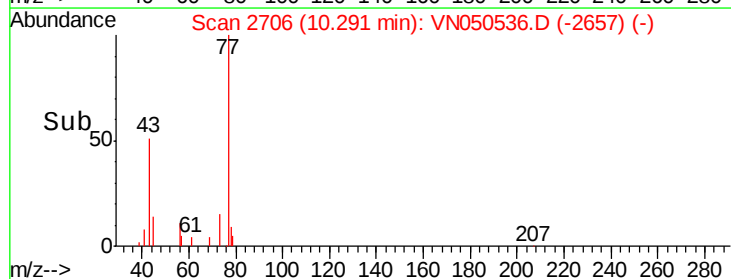
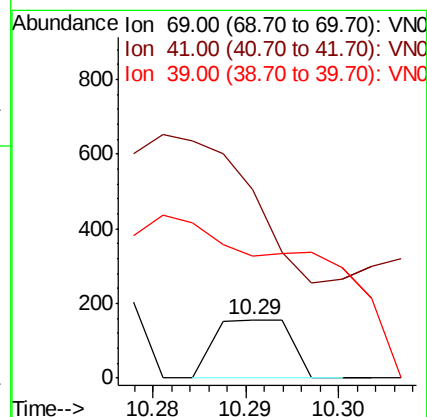
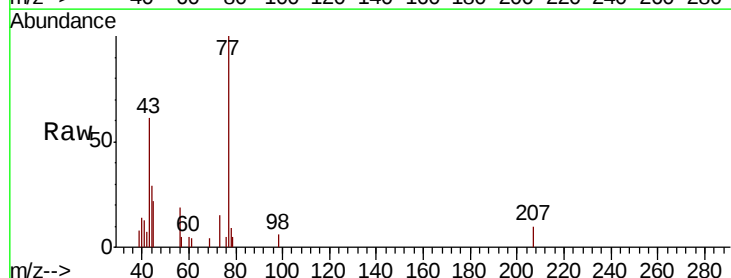
Tgt Ion: 69 Resp: 89

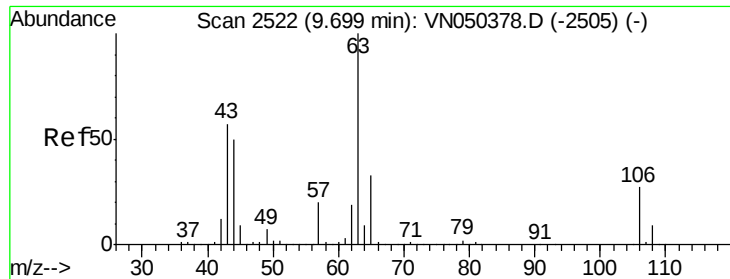
Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

39 0.0 26.6 40.0#

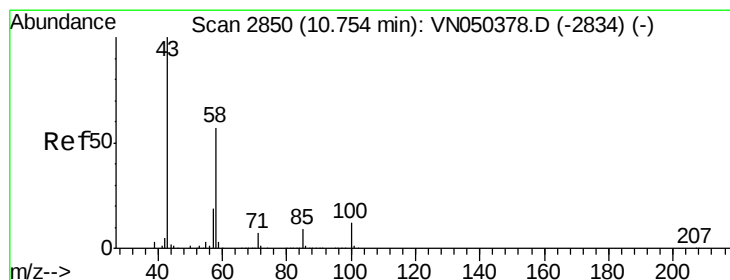
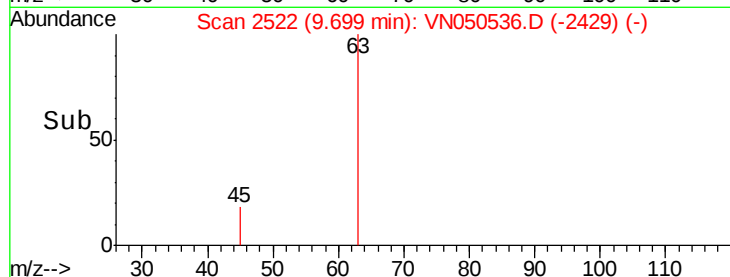
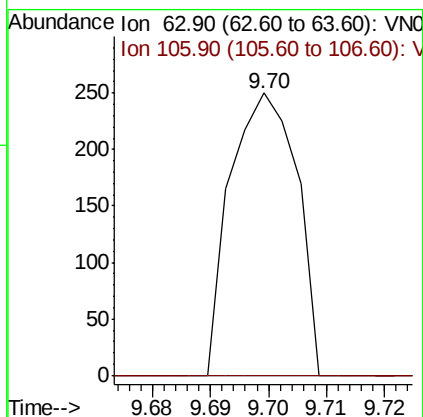
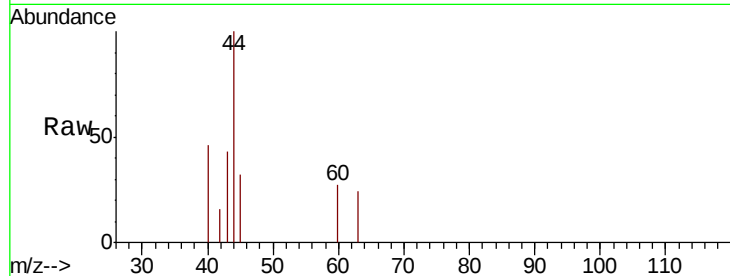




#58
2-Chloroethyl Vinyl ether
Concen: 7.43 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

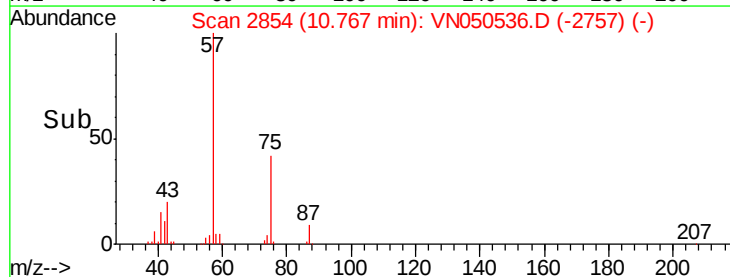
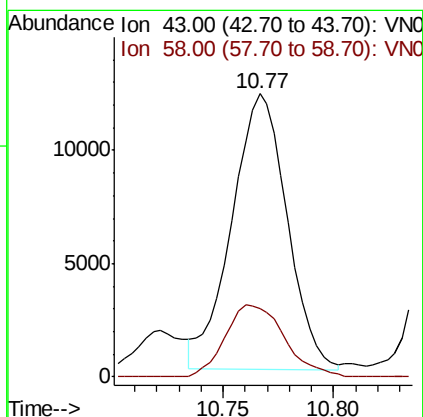
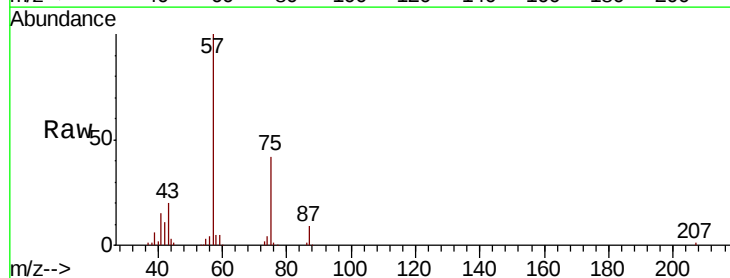
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#10

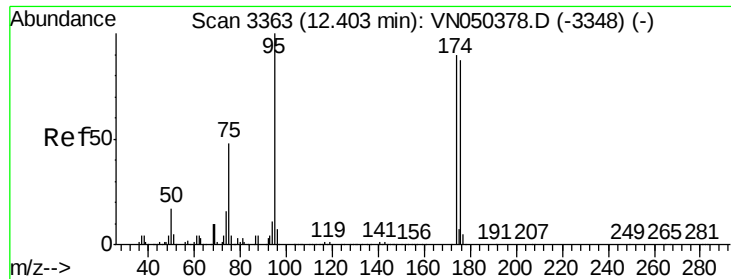
Tot Ion: 63 Resp: 198
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 2.97 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050536.D
Acq: 10 Aug 2018 23:37

Tgt Ion: 43 Resp: 21251
Ion Ratio Lower Upper
43 100
58 27.9 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 37.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB111921ZHE#10

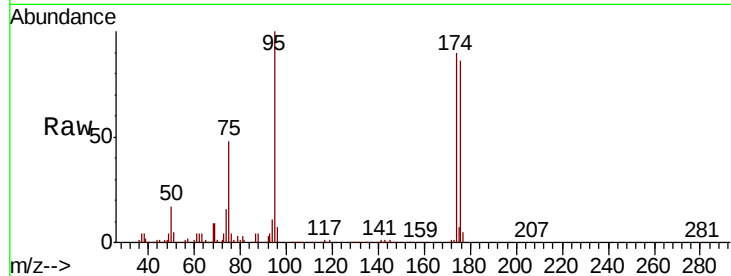
Tot Ion: 95 Resp: 406242

Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.2

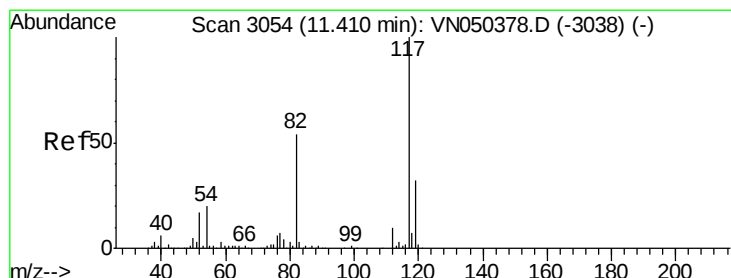
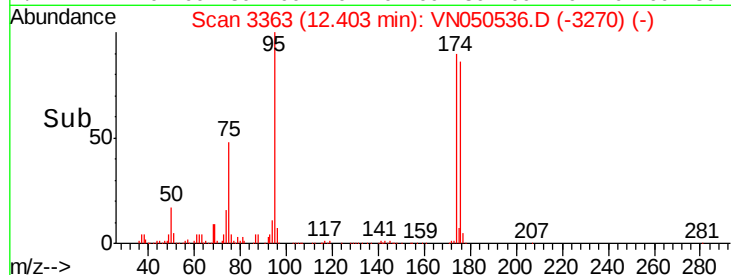
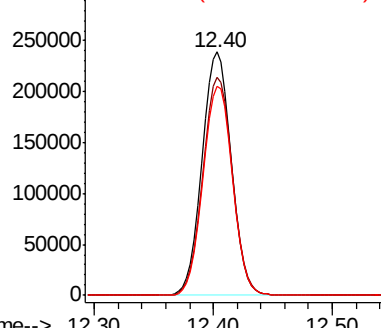
176 87.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

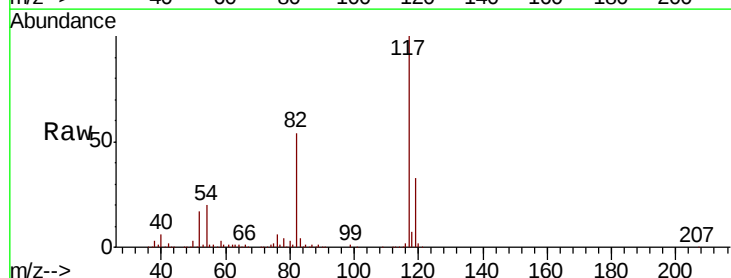
Tgt Ion: 117 Resp: 910781

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

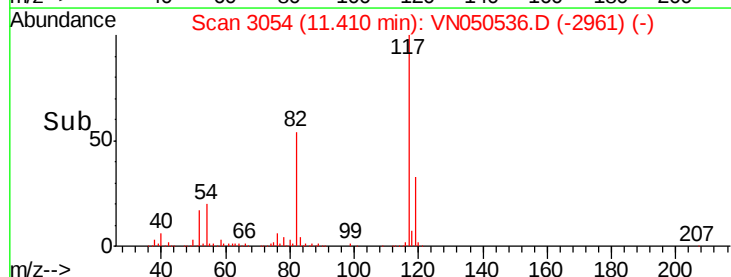
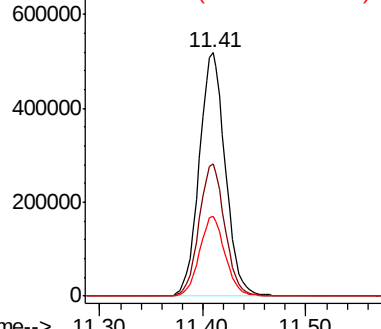
119 32.8 26.1 39.1

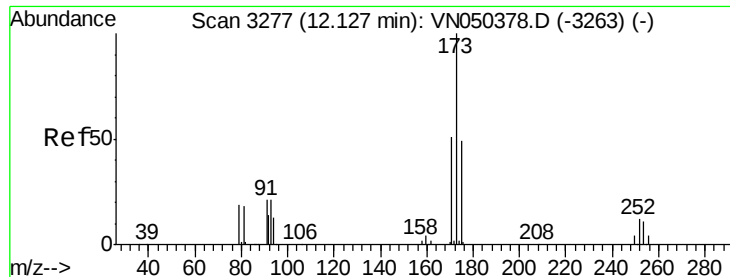


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB111921ZHE#10

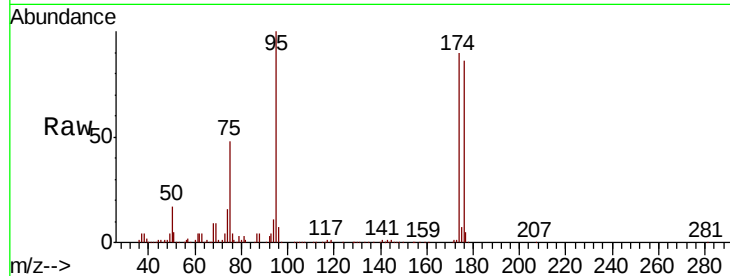
Tot Ion:173 Resp: 3644

Ion Ratio Lower Upper

173 100

175 642.9 24.1 72.2#

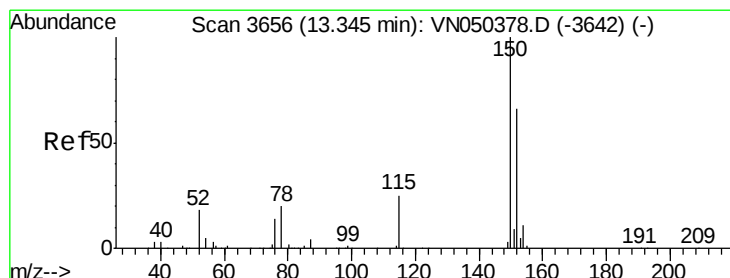
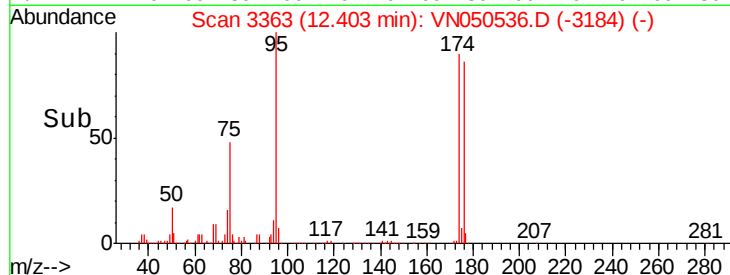
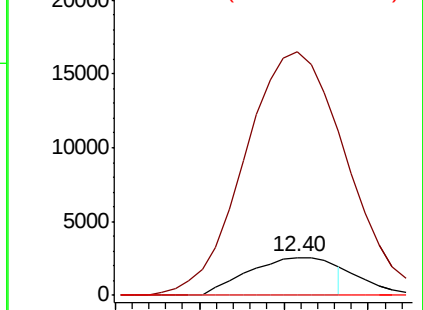
254 0.0 0.2 0.2#



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: VN050536.D

Acq: 10 Aug 2018 23:37

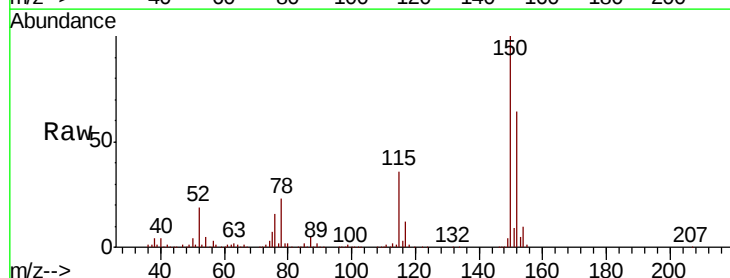
Tgt Ion:152 Resp: 336613

Ion Ratio Lower Upper

152 100

115 57.2 27.8 83.3

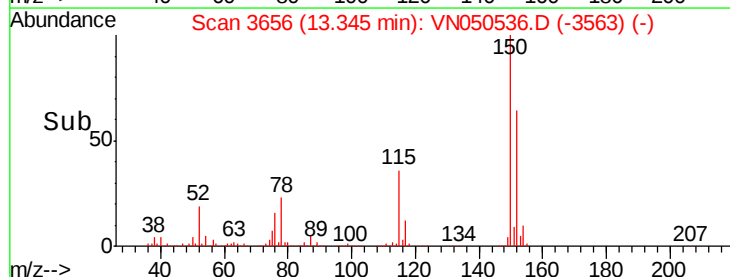
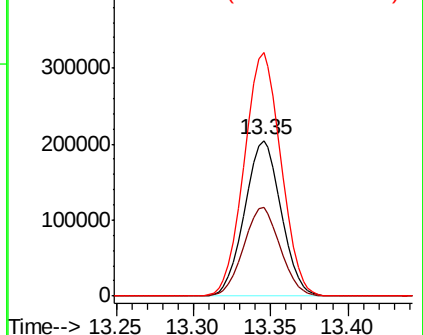
150 158.2 0.0 348.6

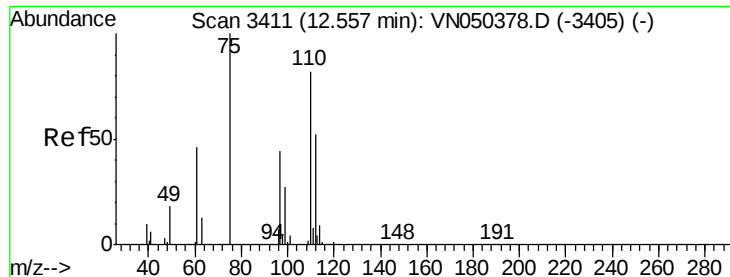


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 32.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

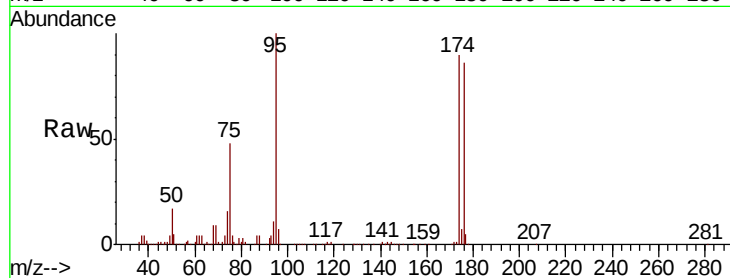
PB111921ZHE#10

Tot Ion: 75 Resp: 196110

Ion Ratio Lower Upper

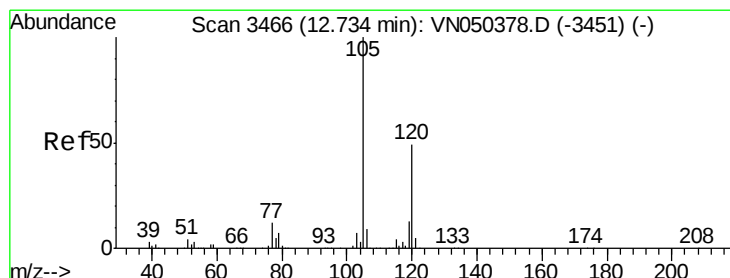
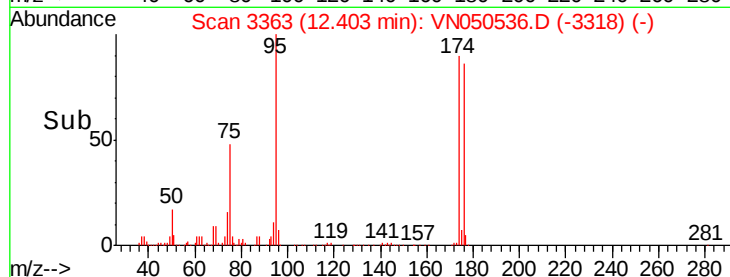
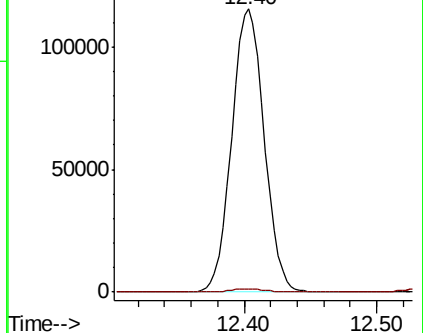
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050536.D (-3363) (-)

Ion 77.00 (76.70 to 77.70): VN050536.D (-3363) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.31 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050536.D

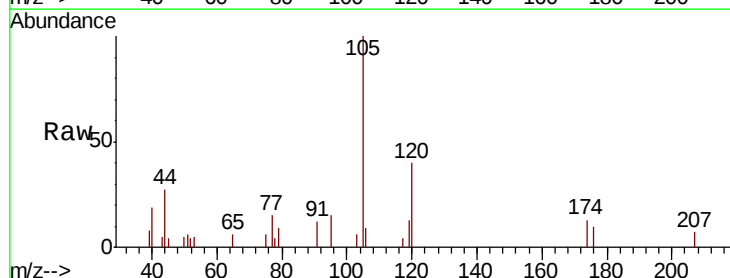
Acq: 10 Aug 2018 23:37

Tgt Ion: 105 Resp: 6285

Ion Ratio Lower Upper

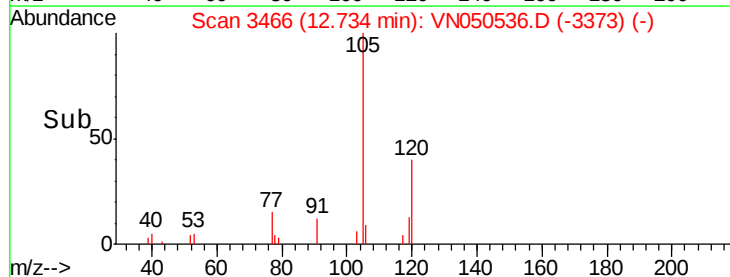
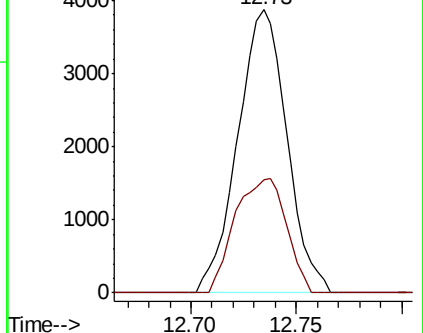
105 100

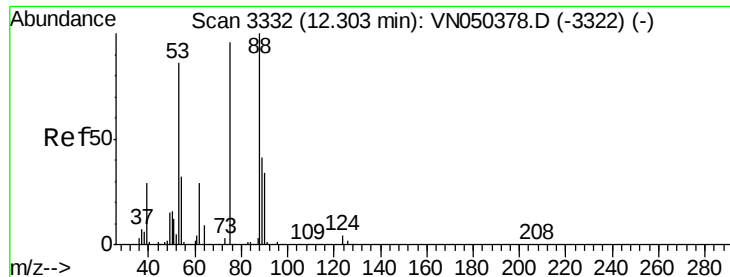
120 42.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050536.D (-3466) (-)

Ion 120.00 (119.70 to 120.70): VN050536.D (-3466) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 113.09 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB111921ZHE#10

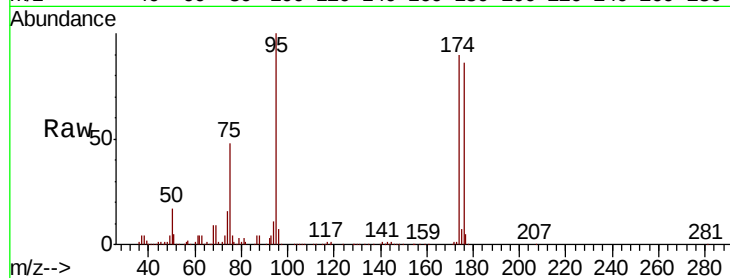
Tot Ion: 75 Resp: 196110

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

89 0.0 36.0 54.0#

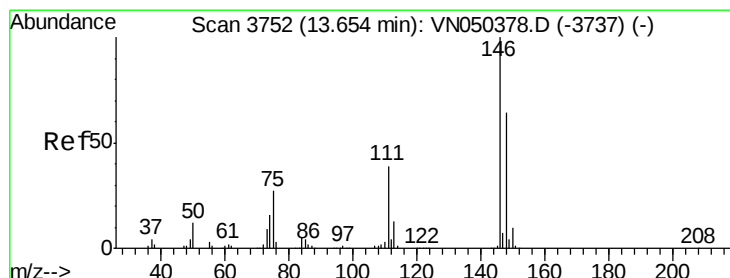
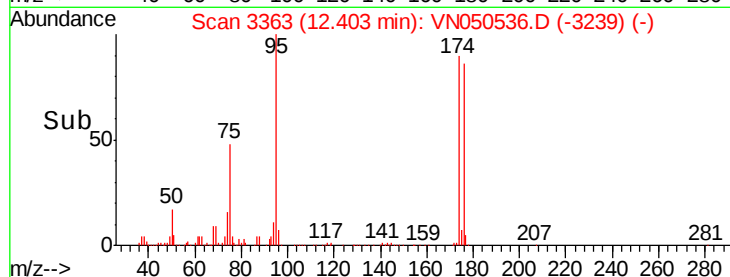
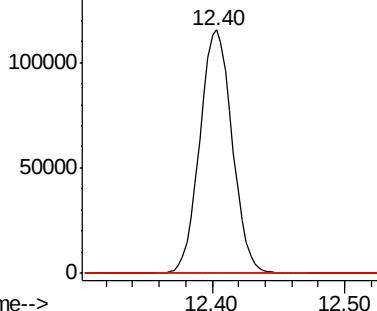


Abundance

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



#91

1,2-Dichlorobenzene

Concen: 0.20 ug/l

RT: 13.65 min Scan# 3751

Delta R.T. -0.00 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

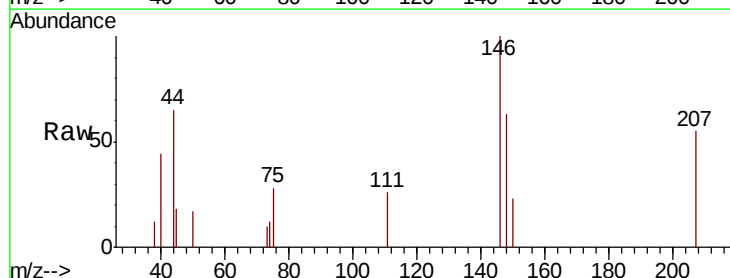
Tgt Ion: 146 Resp: 2472

Ion Ratio Lower Upper

146 100

111 36.0 19.6 58.7

148 57.0 32.1 96.3

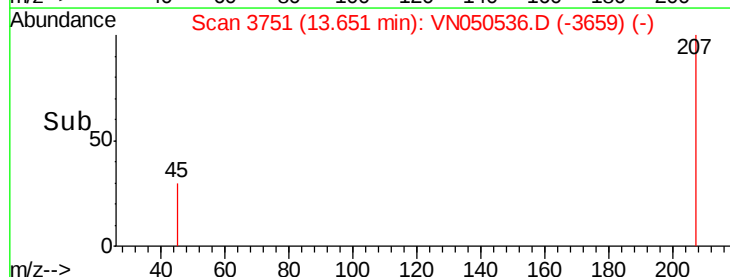
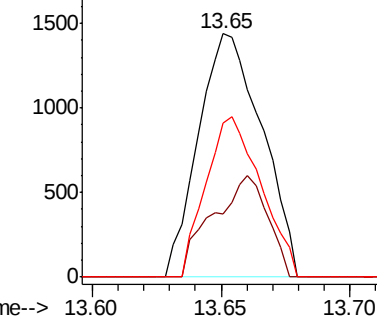


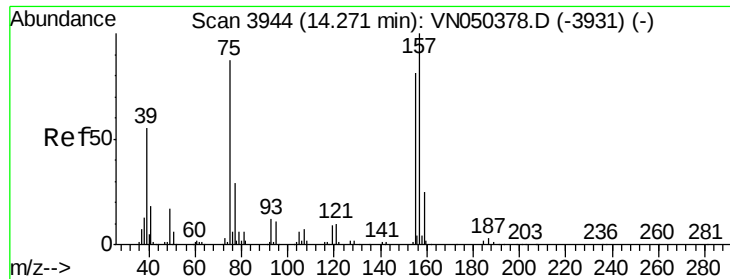
Abundance

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





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.25 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB111921ZHE#10

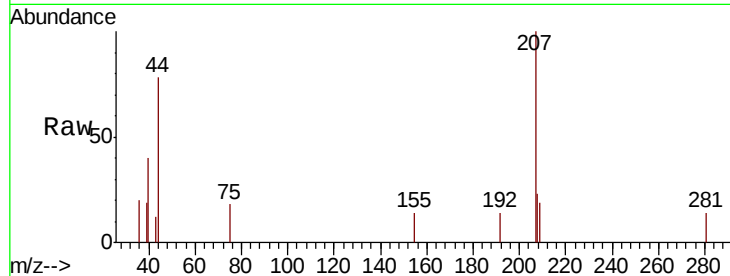
Tot Ion: 75 Resp: 308

Ion Ratio Lower Upper

75 100

155 34.4 44.8 134.4#

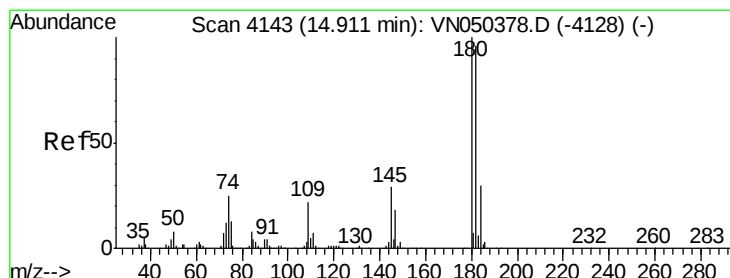
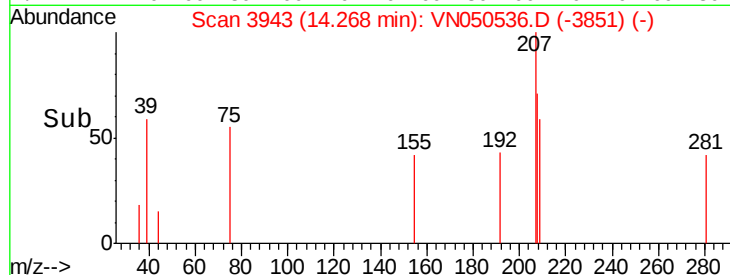
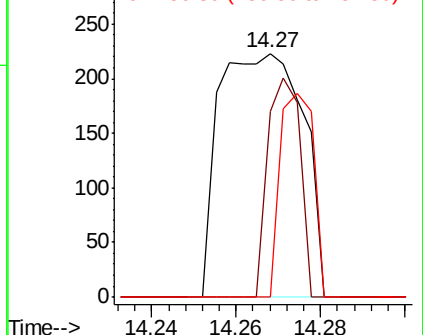
157 33.1 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN050378.D (-3931) (-)

Ion 154.80 (154.50 to 155.50): VN050378.D (-3931) (-)

Ion 156.80 (156.50 to 157.50): VN050378.D (-3931) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.55 ug/l

RT: 14.90 min Scan# 4141

Delta R.T. -0.01 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

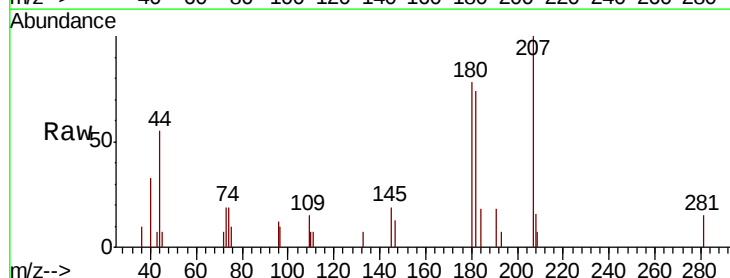
Tgt Ion: 180 Resp: 3398

Ion Ratio Lower Upper

180 100

182 91.6 46.7 140.1

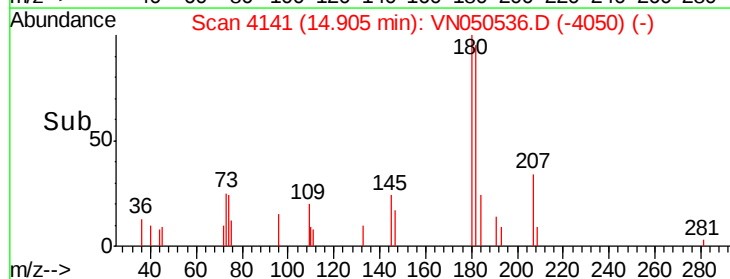
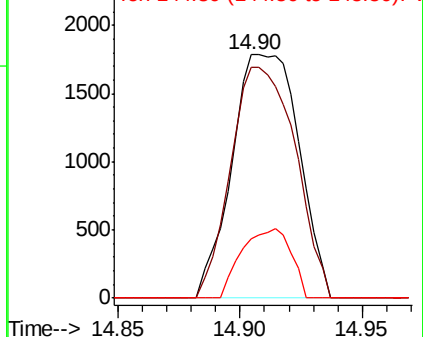
145 21.0 13.8 41.4

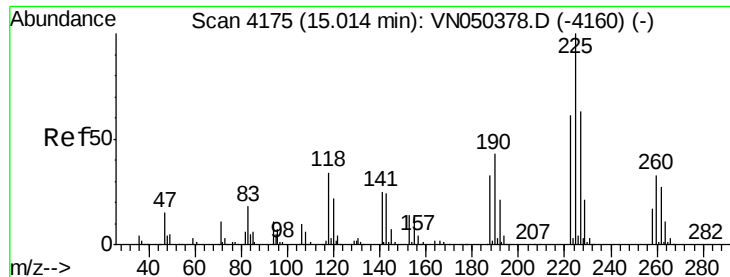


Abundance Ion 179.80 (179.50 to 180.50): VN050378.D (-4128) (-)

Ion 181.80 (181.50 to 182.50): VN050378.D (-4128) (-)

Ion 144.80 (144.50 to 145.50): VN050378.D (-4128) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4173

Delta R.T. -0.01 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB111921ZHE#10

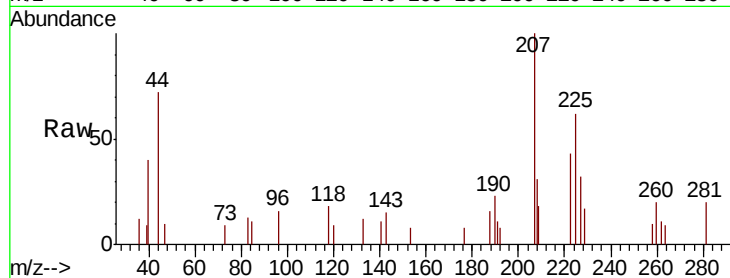
Tot Ion:225 Resp: 1926

Ion Ratio Lower Upper

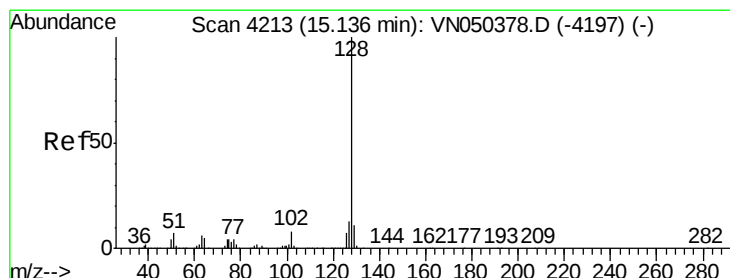
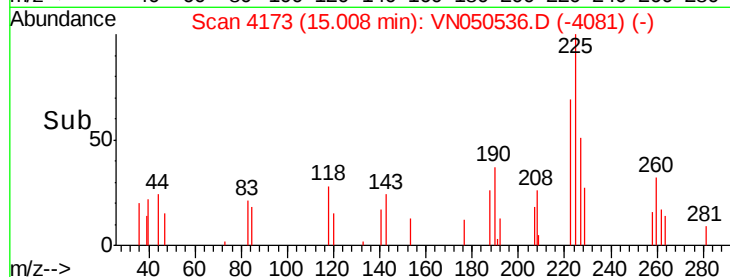
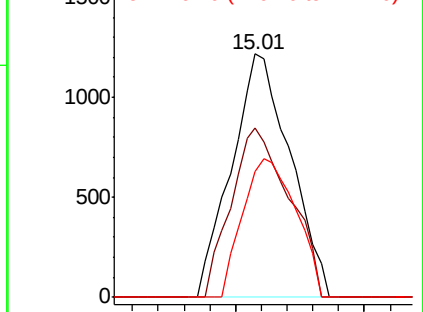
225 100

223 68.8 31.4 94.2

227 51.7 32.1 96.5



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: 4.09 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

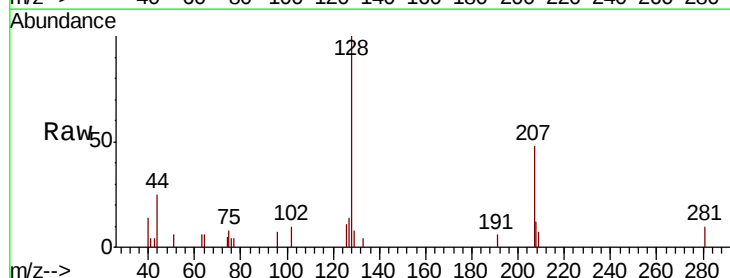
Tgt Ion:128 Resp: 8307

Ion Ratio Lower Upper

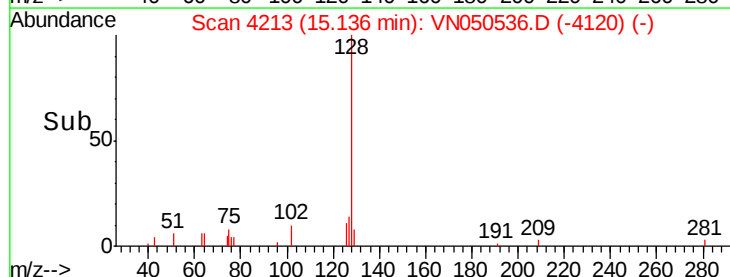
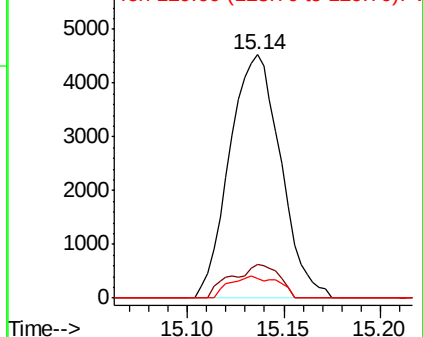
128 100

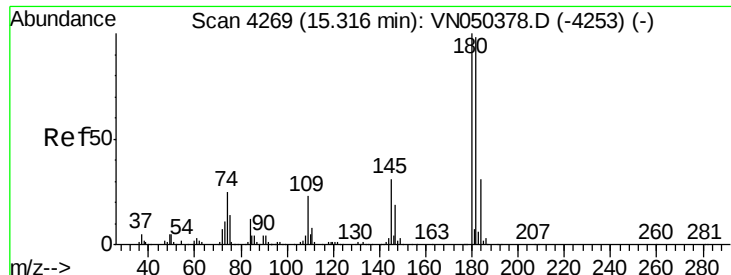
127 13.0 10.4 15.6

129 8.5 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: 0.59 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.00 min

Lab File: VN050536.D

Acq: 10 Aug 2018 23:37

Instrument :

MSVOA_N

ClientSampleId :

PB111921ZHE#10

Tot Ion:180 Resp: 3670

Ion Ratio Lower Upper

180 100

182 99.0 48.1 144.4

145 31.6 15.3 45.9

