

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051208.D
 Acq On : 14 Sep 2018 23:22
 Operator : MD\SY
 Sample : J4906-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-7

Quant Time: Sep 15 00:58:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	568054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	910844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	779942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324830	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	342122	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
35) Dibromofluoromethane	7.59	113	336562	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
50) Toluene-d8	10.09	98	1230162	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.40	95	360628	41.98	ug/l	0.00
Spiked Amount			Recovery	=	83.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2307	Below Cal		90
5) Bromomethane	2.57	94	2045	Below Cal		94
10) Methyl Iodide	3.96	142	216	5.66 ug/l	#	44
16) Acetone	3.82	43	39261	19.74 ug/l		99
18) Methyl Acetate	4.34	43	12126	2.40 ug/l		94
20) Methylene Chloride	4.55	84	25174	3.61 ug/l		97
25) 2-Butanone	6.84	43	7876	3.17 ug/l		96
29) Tetrahydrofuran	7.23	42	1289	0.83 ug/l	#	63
30) Chloroform	7.37	83	10854	0.94 ug/l		100
31) Cyclohexane	7.66	56	9808	0.72 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	36600	3.66 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	48863	4.96 ug/l	#	17
40) Benzene	8.04	78	20262	0.67 ug/l		97
43) Isopropyl Acetate	8.17	43	255237	24.98 ug/l	#	80
47) Bromodichloromethane	9.41	83	3674	0.38 ug/l		98
48) Methyl methacrylate	9.18	41	5890	1.18 ug/l	#	17
51) 4-Methyl-2-Pentanone	9.99	43	2233	0.40 ug/l		88
52) Toluene	10.16	92	59877	3.26 ug/l		98
56) Ethyl methacrylate	10.27	69	145	2.47 ug/l	#	1
59) 2-Hexanone	10.76	43	12025	3.14 ug/l	#	56
67) Ethyl Benzene	11.51	91	58272	1.83 ug/l		100
68) m/p-Xylenes	11.62	106	61267	5.01 ug/l		96
69) o-Xylene	11.95	106	25278	2.13 ug/l		96
70) Styrene	11.96	104	4434	0.24 ug/l	#	12
73) Isopropylbenzene	12.25	105	7281	0.27 ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.40	83	110	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	165148	32.27 ug/l	#	100
77) Bromobenzene	12.52	156	4766	0.65 ug/l	#	1
78) n-propylbenzene	12.59	91	8094	0.27 ug/l		98
80) 1,3,5-Trimethylbenzene	12.73	105	19166	0.87 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.40	75	165148	96.56 ug/l	#	15
83) tert-Butylbenzene	13.04	119	6948	0.36 ug/l	#	68
84) 1,2,4-Trimethylbenzene	13.04	105	46035	2.13 ug/l		98
85) sec-Butylbenzene	13.04	105	46035	1.85 ug/l	#	55

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

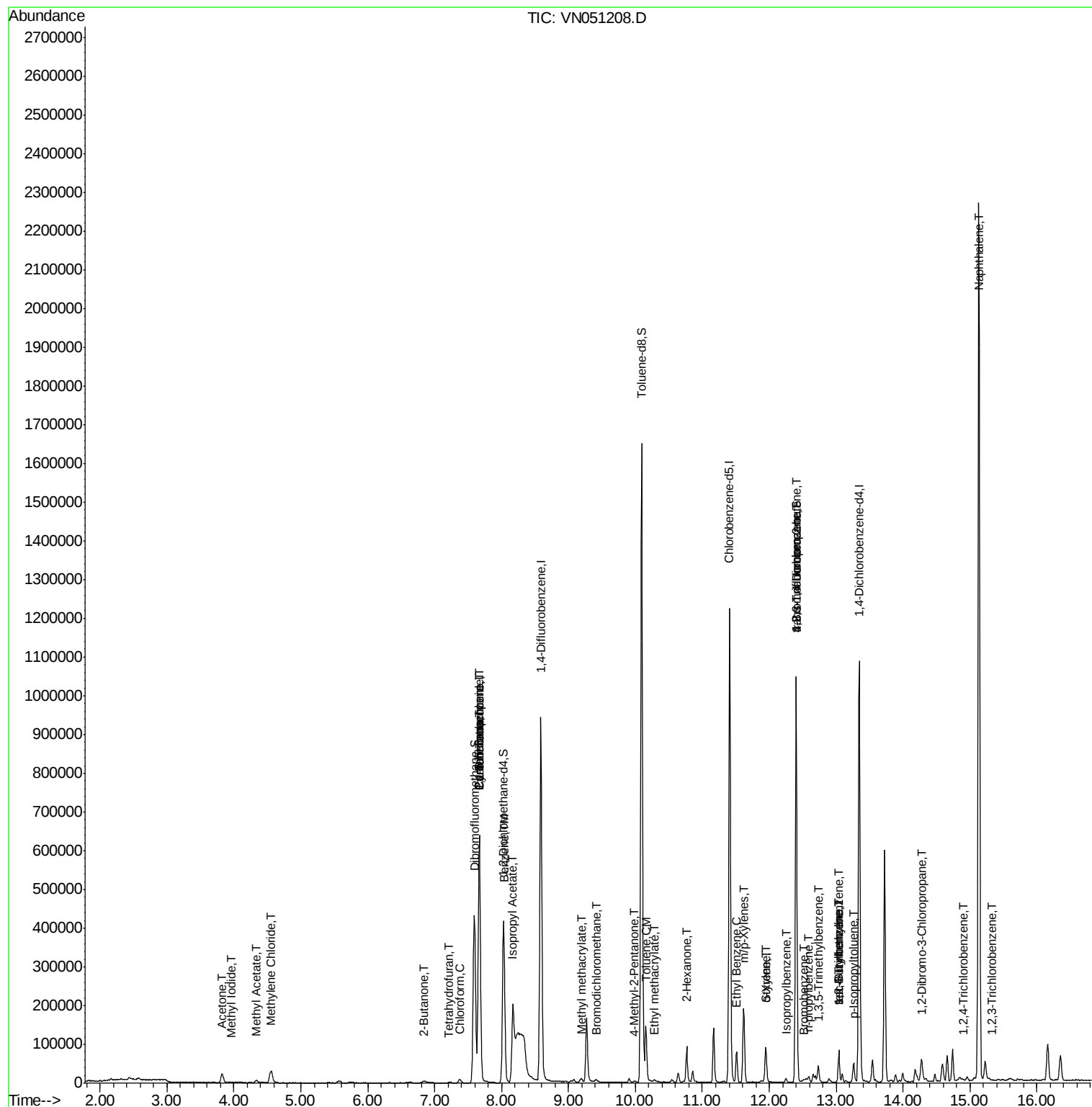
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.26	119	5025	0.24	ug/l #	71
90) Hexachloroethane	13.89	117	1635	Below Cal	#	2
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1365	2.10	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	334	4.03	ug/l #	9
95) Naphthalene	15.13	128	1955682	148.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	59	2.96	ug/l #	1

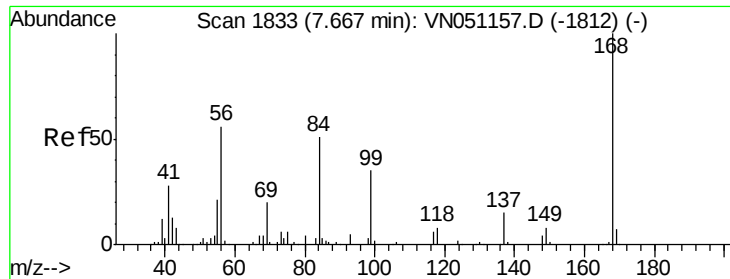
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampleId :

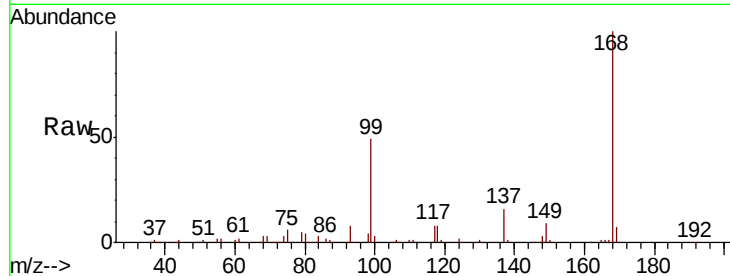
SP-PIT-7

Tot Ion:168 Resp: 568054

Ion Ratio Lower Upper

168 100

99 49.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

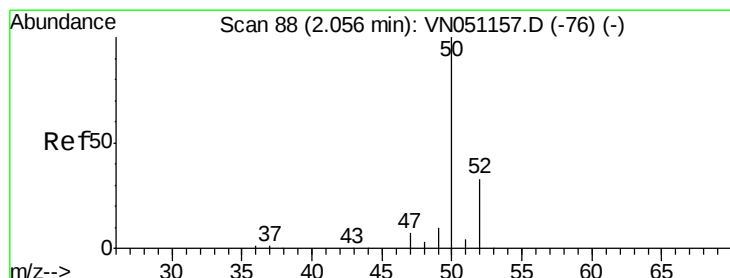
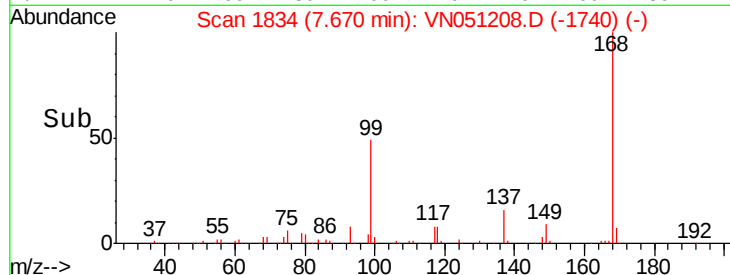
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051208.D

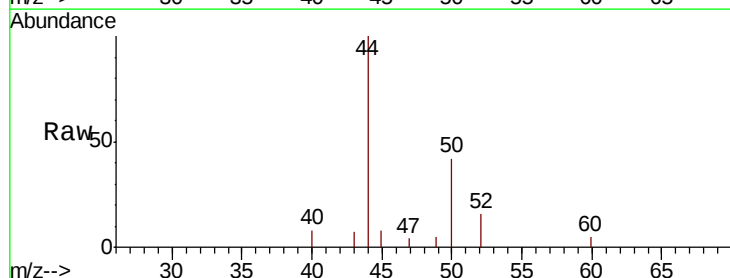
Acq: 14 Sep 2018 23:22

Tgt Ion: 50 Resp: 2307

Ion Ratio Lower Upper

50 100

52 38.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2000

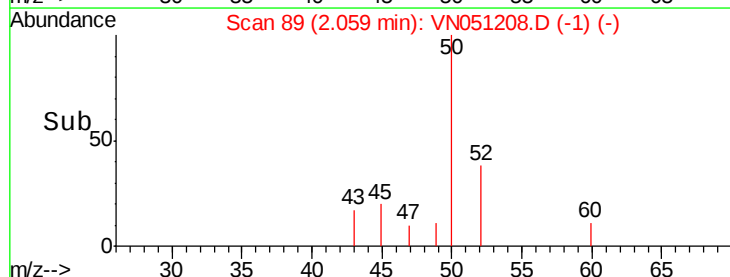
1500

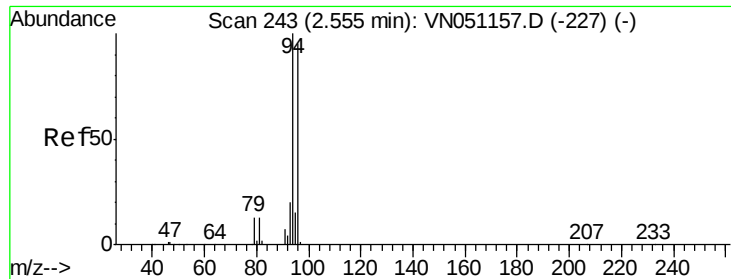
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampled :

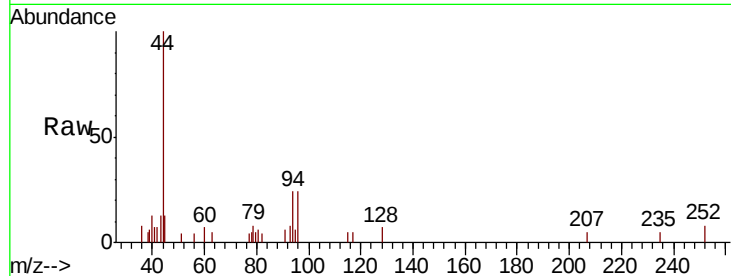
SP-PIT-7

Tot Ion: 94 Resp: 2045

Ion Ratio Lower Upper

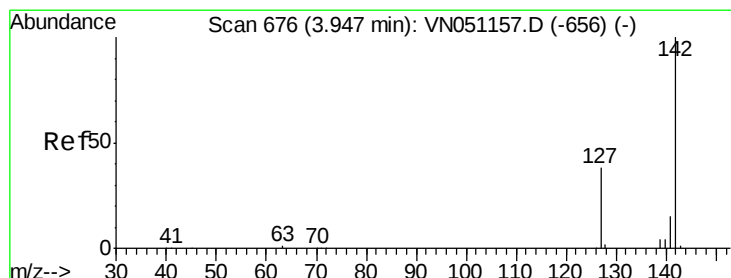
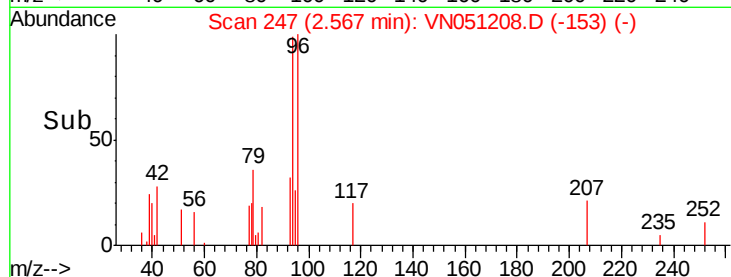
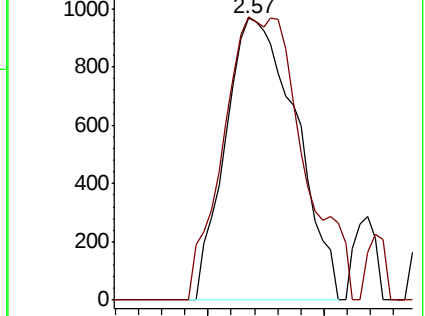
94 100

96 100.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 5.66 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

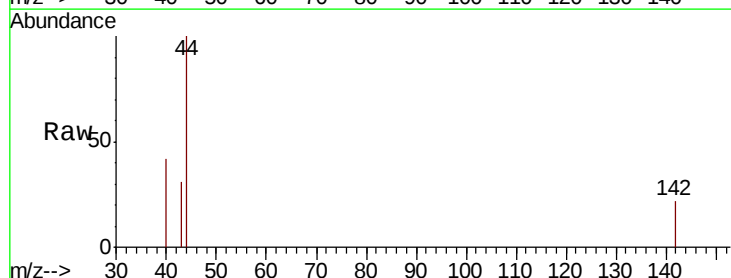
Tgt Ion: 142 Resp: 216

Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

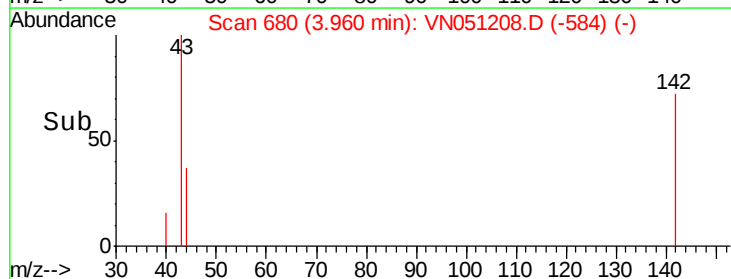
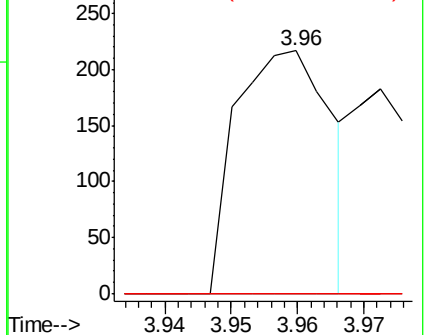
141 0.0 11.3 16.9#

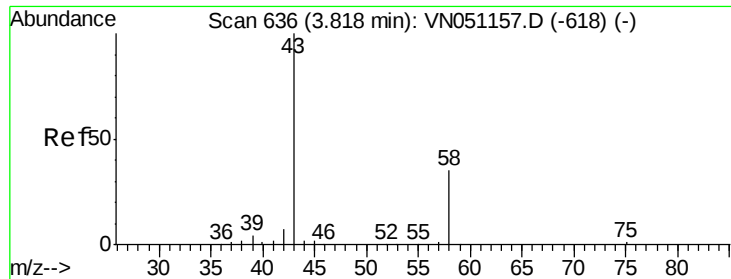


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 19.74 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampled :

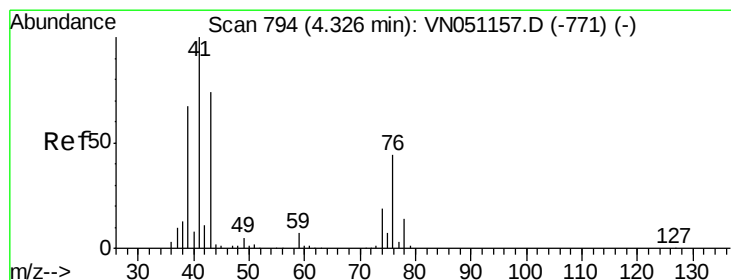
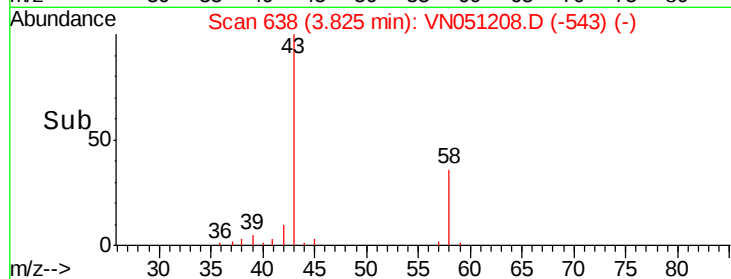
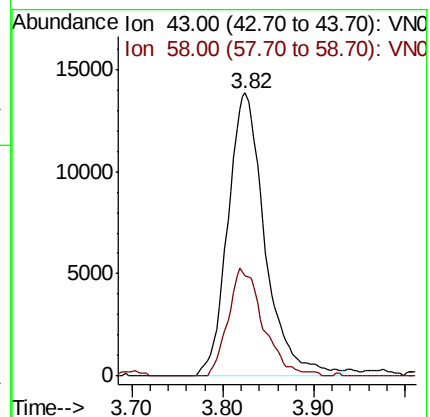
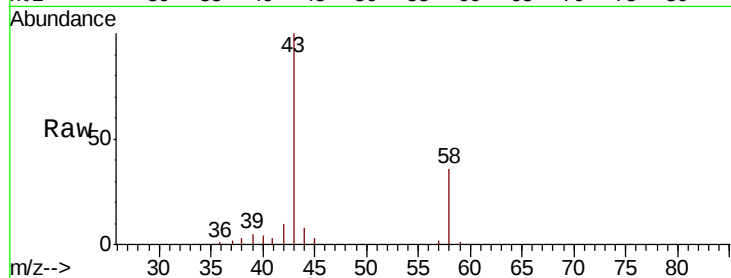
SP-PIT-7

Tot Ion: 43 Resp: 39261

Ion Ratio Lower Upper

43 100

58 35.5 27.8 41.6



#18

Methyl Acetate

Concen: 2.40 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051208.D

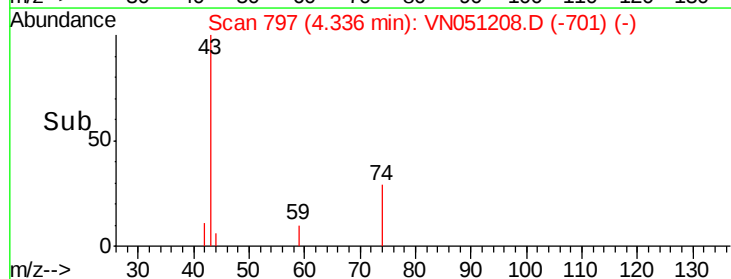
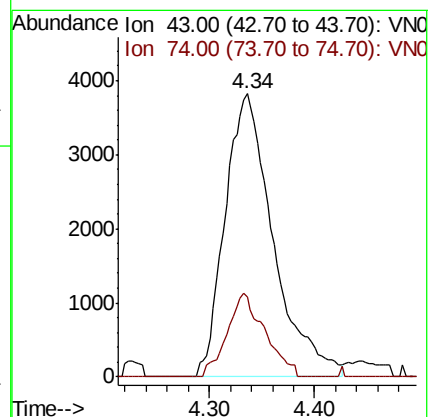
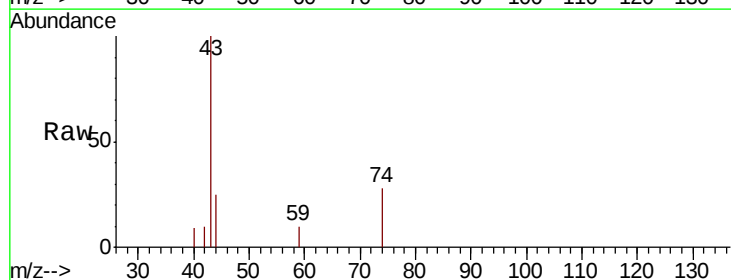
Acq: 14 Sep 2018 23:22

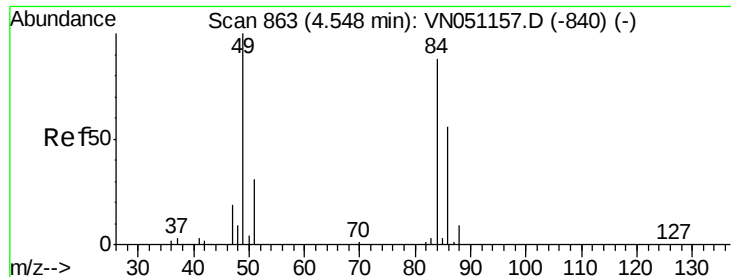
Tgt Ion: 43 Resp: 12126

Ion Ratio Lower Upper

43 100

74 23.1 20.7 31.1

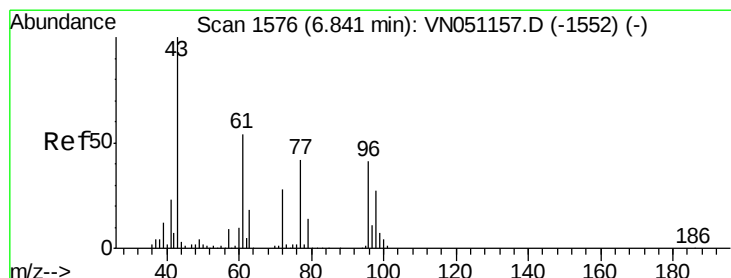
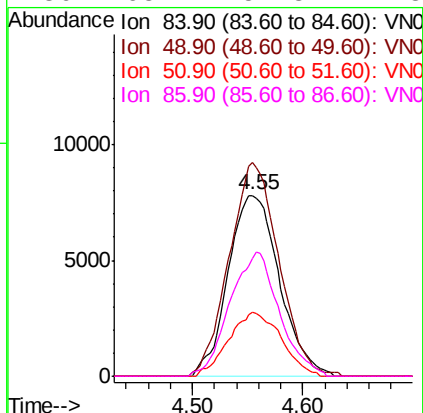
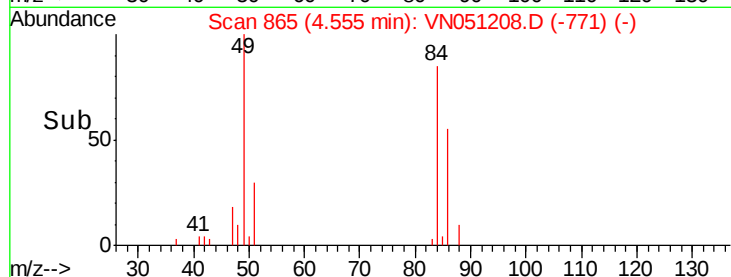
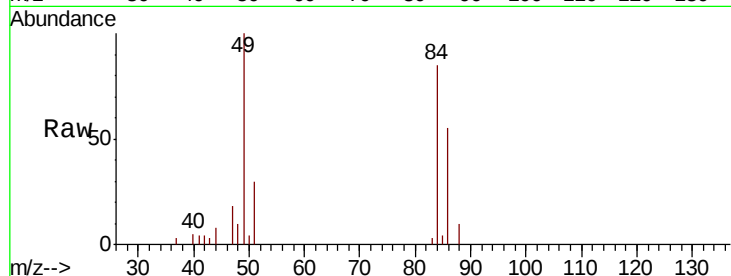




#20
Methvlene Chloride
Concen: 3.61 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

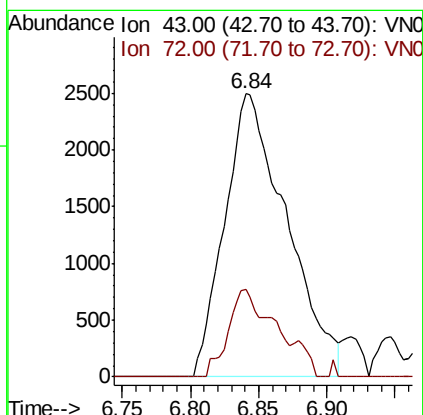
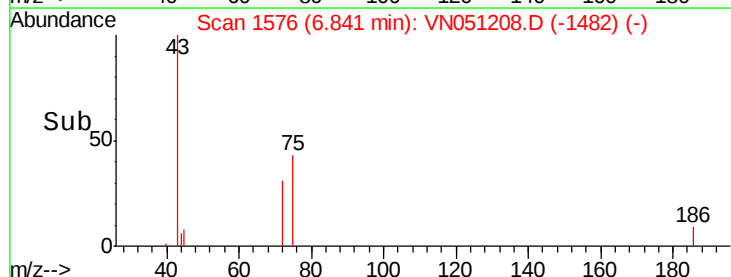
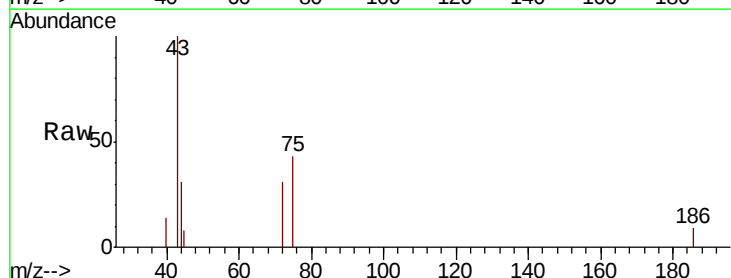
Instrument :
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ClientSampled :
SP-PIT-7

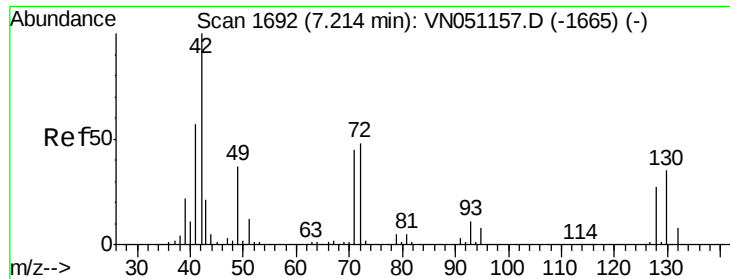
Tot Ion: 84 Resp: 25174
Ion Ratio Lower Upper
84 100
49 118.1 90.2 135.2
51 35.2 28.4 42.6
86 65.4 51.8 77.8



#25
2-Butanone
Concen: 3.17 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

Tgt Ion: 43 Resp: 7876
Ion Ratio Lower Upper
43 100
72 31.0 23.0 34.6





#29

Tetrahydrofuran

Concen: 0.83 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-7

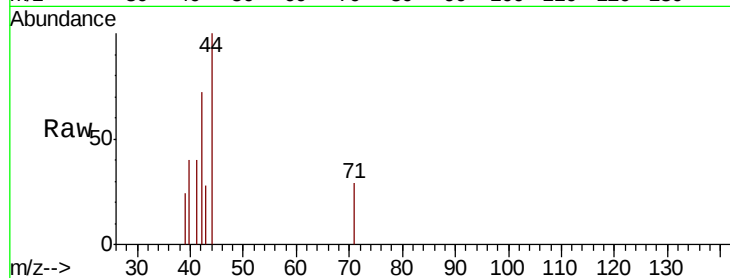
Tot Ion: 42 Resp: 1289

Ion Ratio Lower Upper

42 100

72 2.6 37.4 56.0#

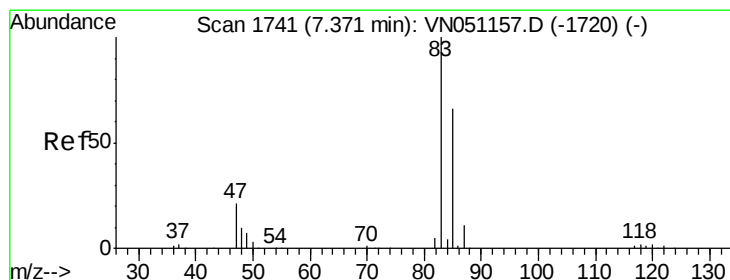
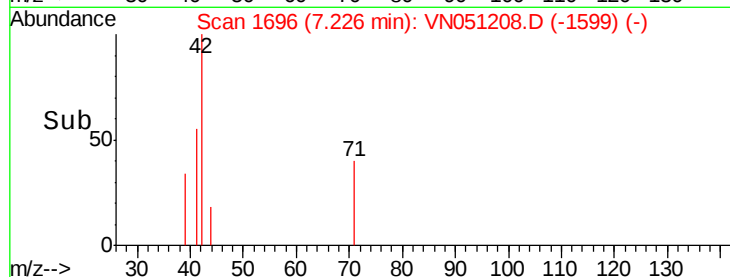
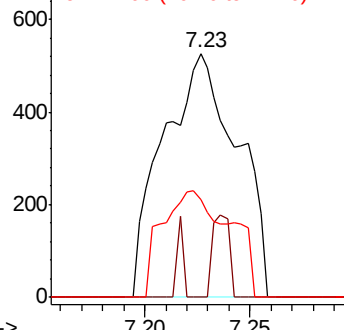
71 39.9 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.94 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051208.D

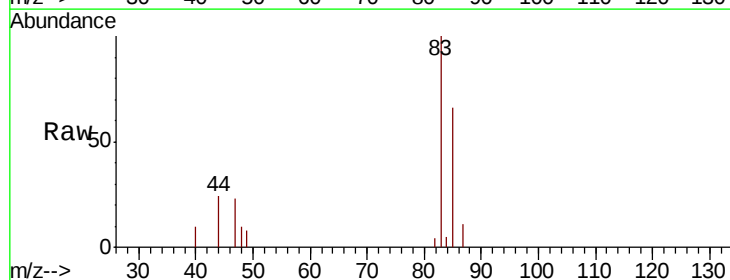
Acq: 14 Sep 2018 23:22

Tgt Ion: 83 Resp: 10854

Ion Ratio Lower Upper

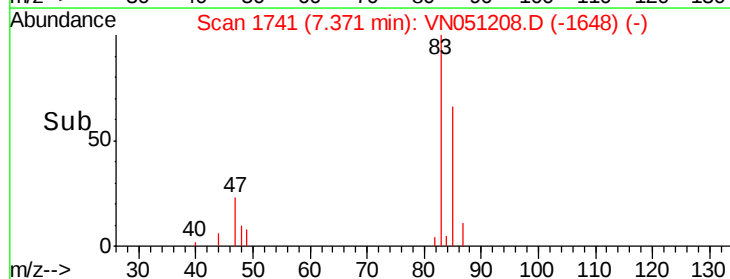
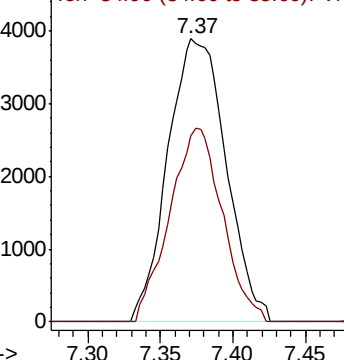
83 100

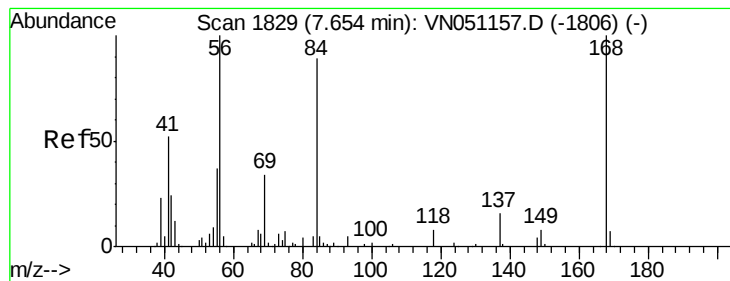
85 65.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.72 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

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ClientSampled :

SP-PIT-7

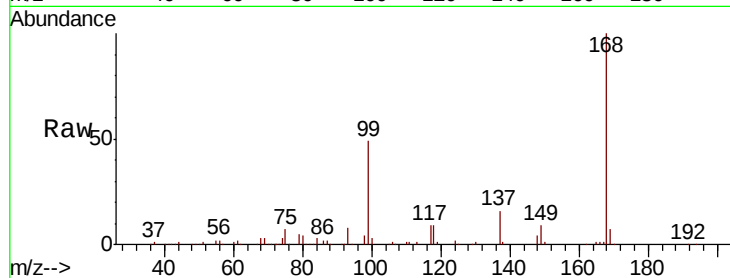
Tot Ion: 56 Resp: 9808

Ion Ratio Lower Upper

56 100

69 161.0 26.3 39.5#

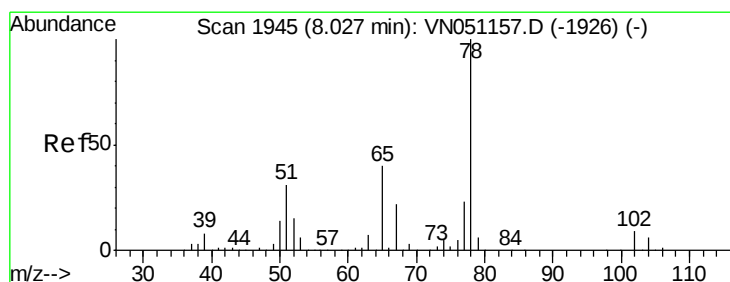
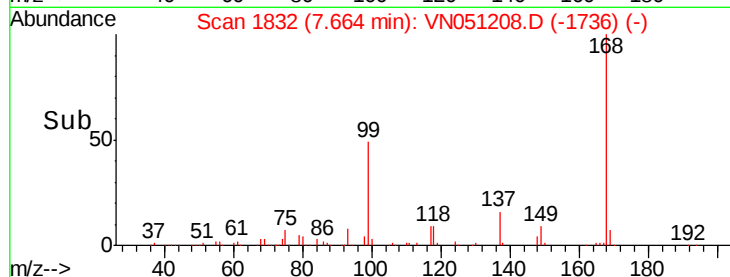
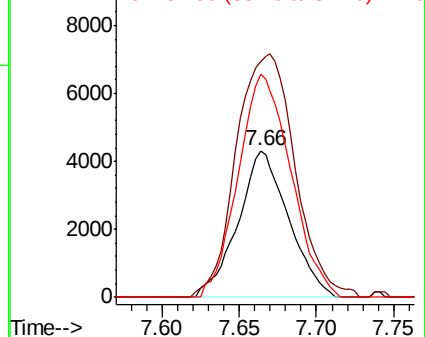
84 152.0 69.4 104.0#



Abundance Ion 56.00 (55.70 to 56.70): VN051157.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN051157.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN051157.D (-1806) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.12 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051208.D

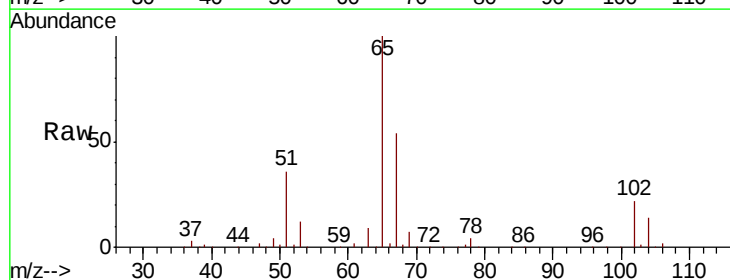
Acq: 14 Sep 2018 23:22

Tgt Ion: 65 Resp: 342122

Ion Ratio Lower Upper

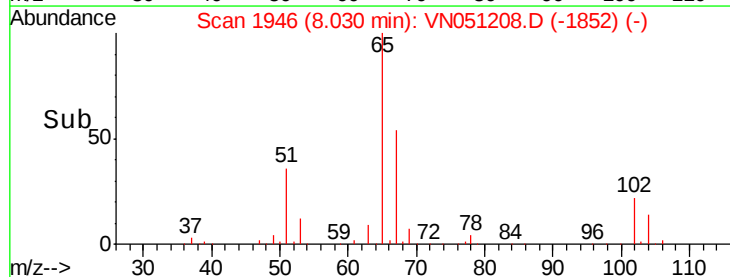
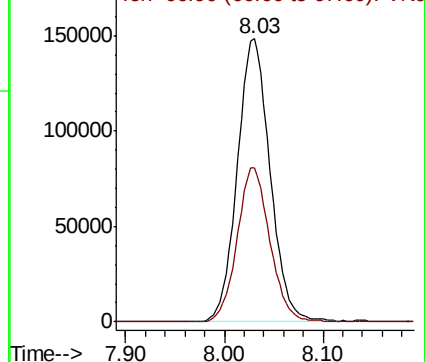
65 100

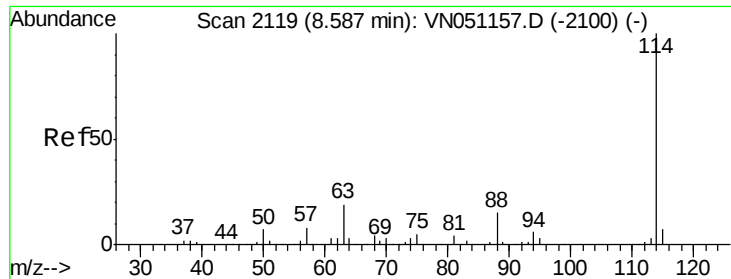
67 54.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051157.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051157.D (-1926) (-)

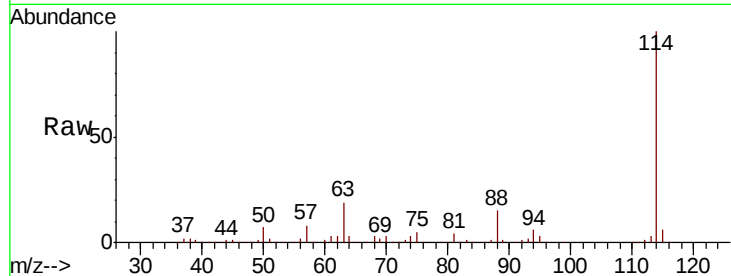




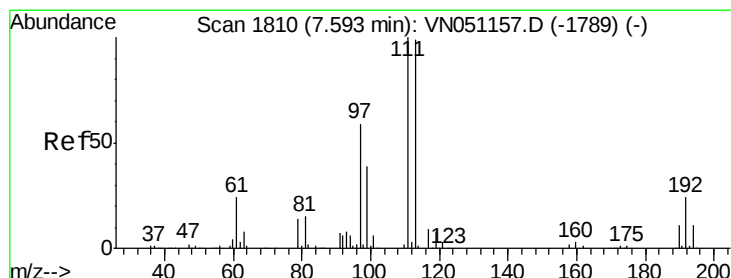
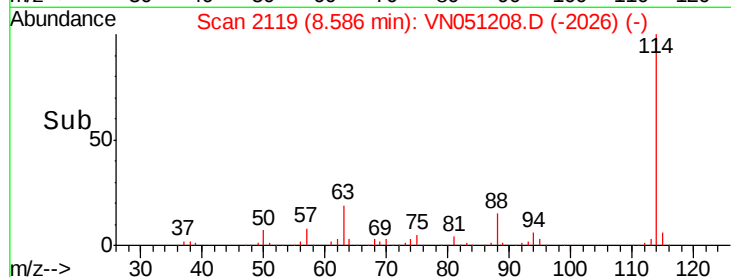
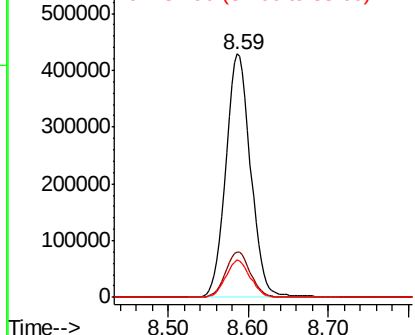
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

Instrument :
 MSVOA_N
 ClientSampled :
 SP-PIT-7

Tot Ion:114 Resp: 910844
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 15.2 0.0 30.8

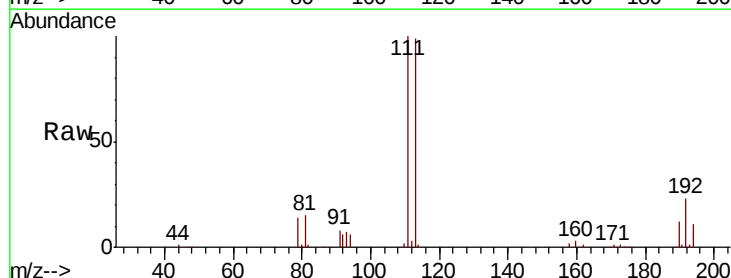


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

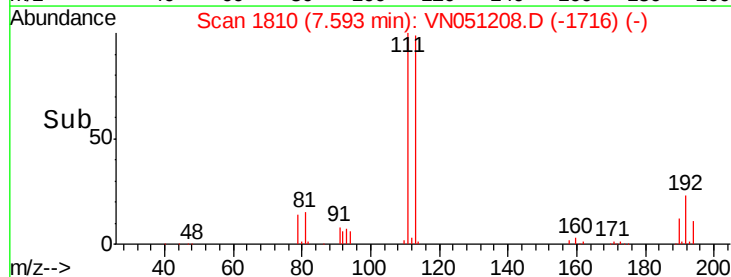
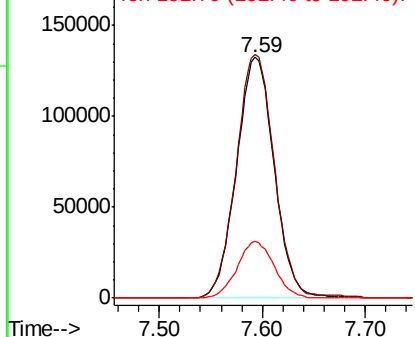


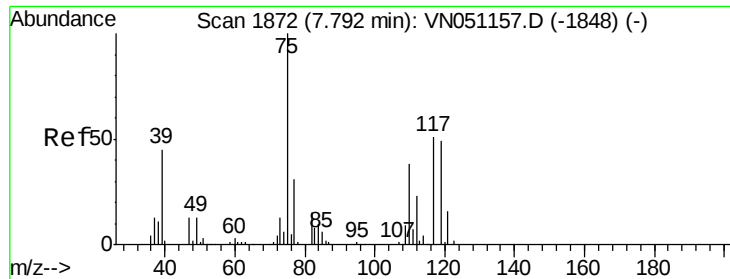
#35
 Dibromofluoromethane
 Concen: 49.17 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

Tgt Ion:113 Resp: 336562
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.6
 192 23.3 18.7 28.1



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

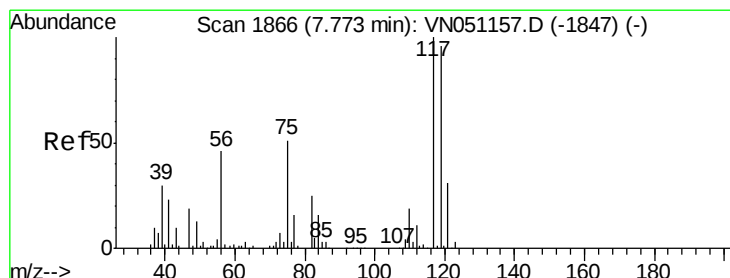
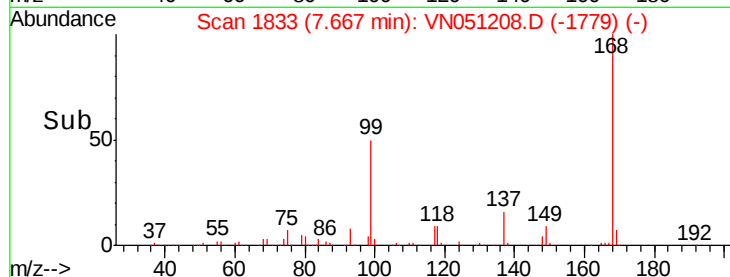
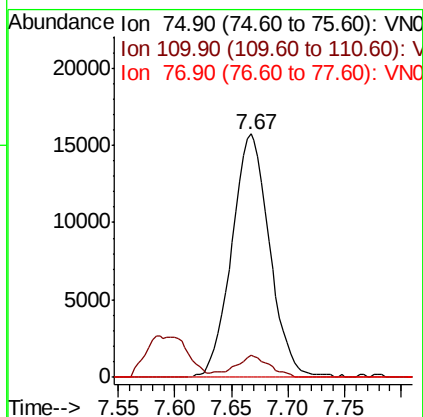
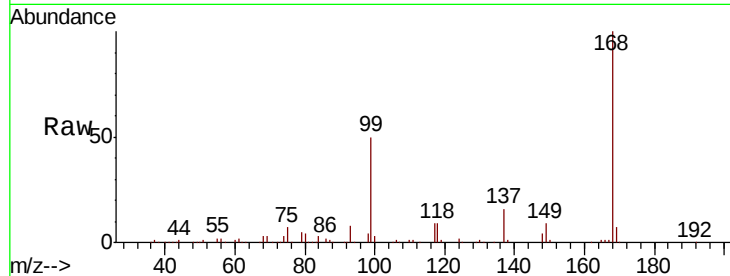




#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

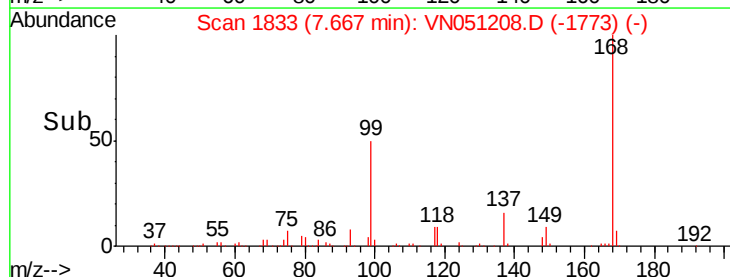
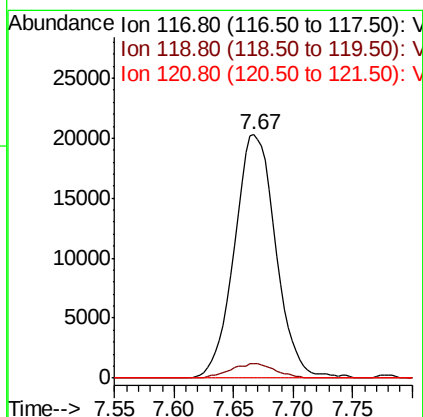
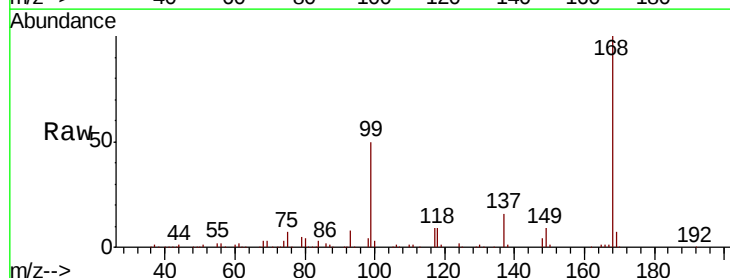
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-7

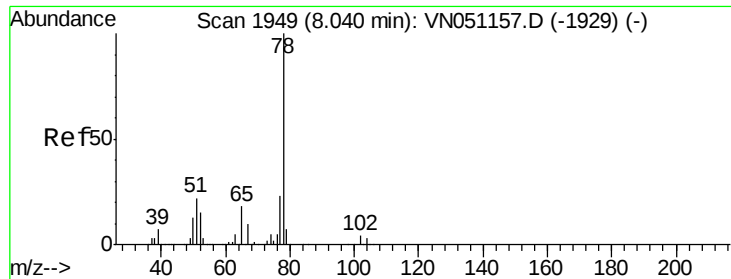
Tot Ion: 75 Resp: 36600
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.6 55.8#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 4.96 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

Tgt Ion: 117 Resp: 48863
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.8 115.2#
 121 0.0 24.6 36.8#





#40

Benzene

Concen: 0.67 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampleId :

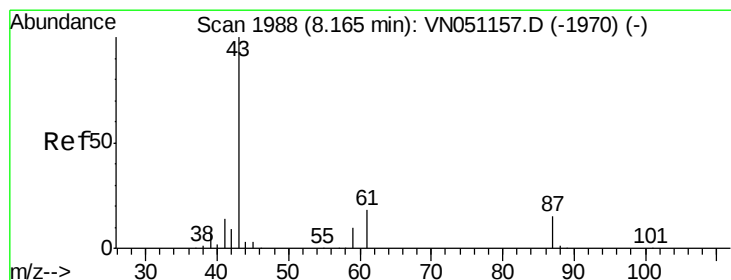
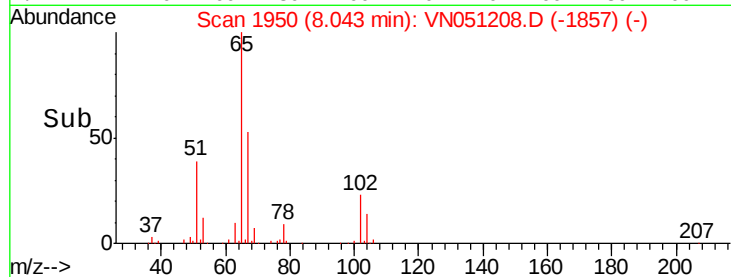
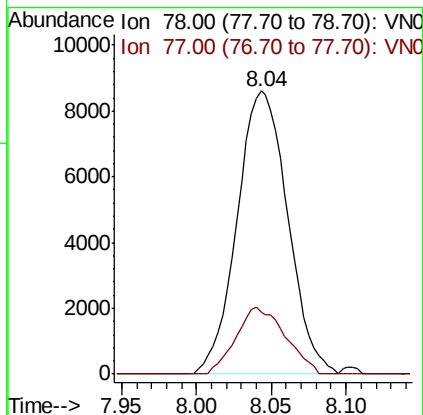
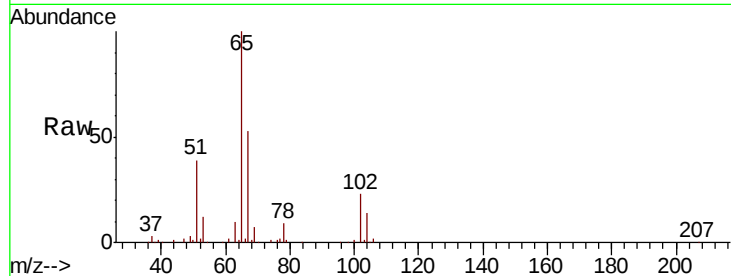
SP-PIT-7

Tot Ion: 78 Resp: 20262

Ion Ratio Lower Upper

78 100

77 21.9 18.6 27.8



#43

Isopropyl Acetate

Concen: 24.98 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

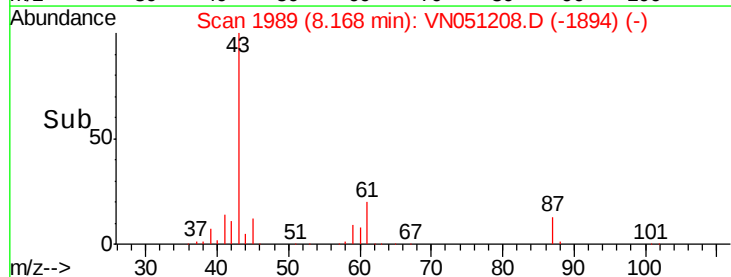
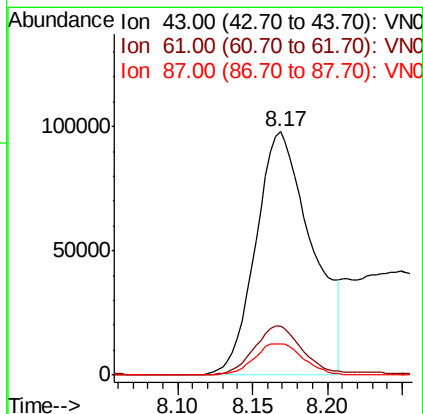
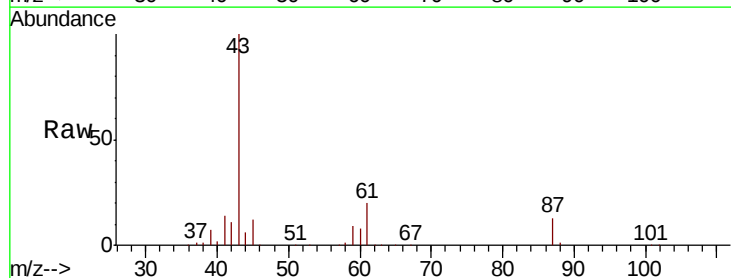
Tgt Ion: 43 Resp: 255237

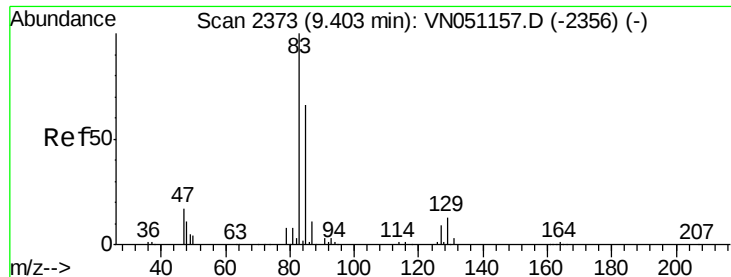
Ion Ratio Lower Upper

43 100

61 17.5 25.0 37.6#

87 11.3 11.8 17.8#





#47

Bromodichloromethane

Concen: 0.38 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-7

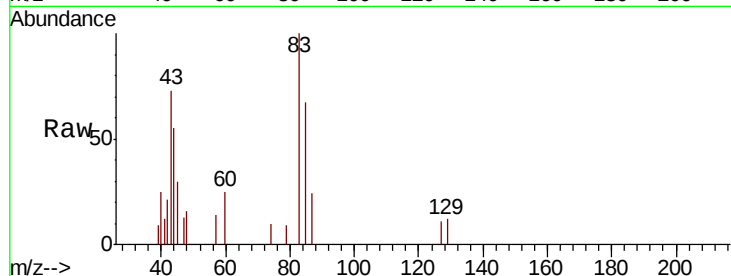
Tot Ion: 83 Resp: 3674

Ion Ratio Lower Upper

83 100

85 66.9 52.3 78.5

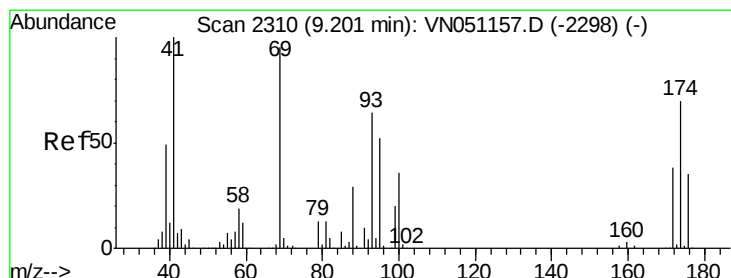
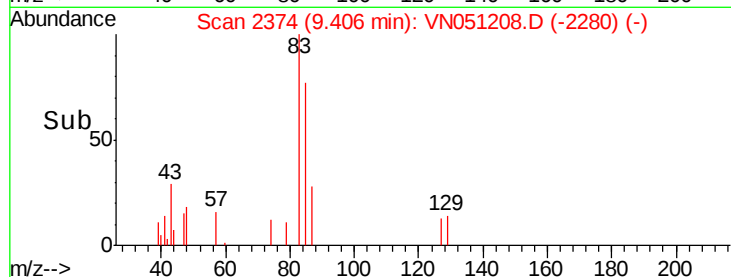
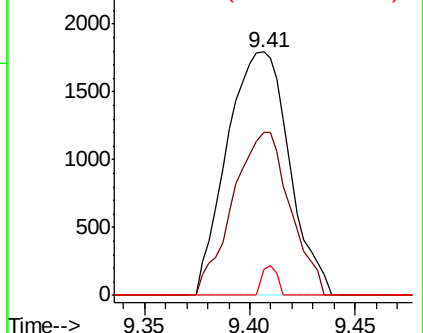
127 10.9 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051157.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN051157.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN051157.D (-2356) (-)



#48

Methyl methacrylate

Concen: 1.18 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

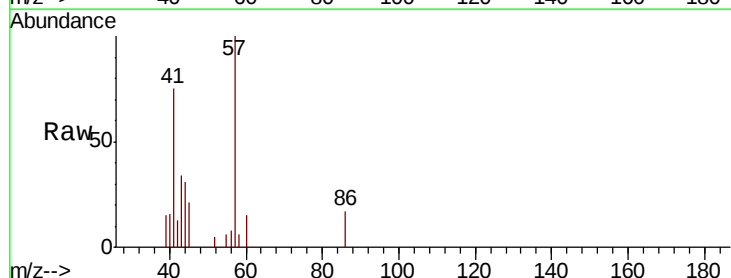
Tgt Ion: 41 Resp: 5890

Ion Ratio Lower Upper

41 100

69 0.0 77.7 116.5#

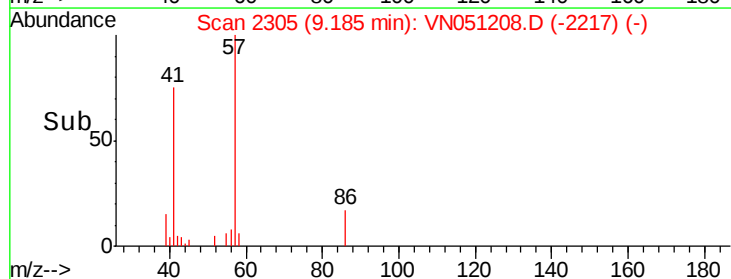
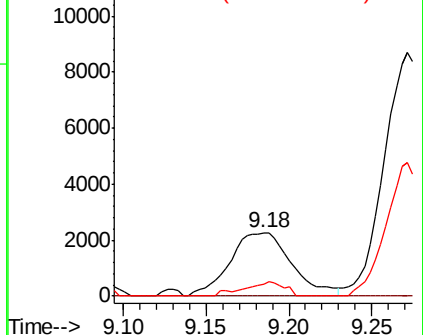
39 14.6 41.6 62.4#

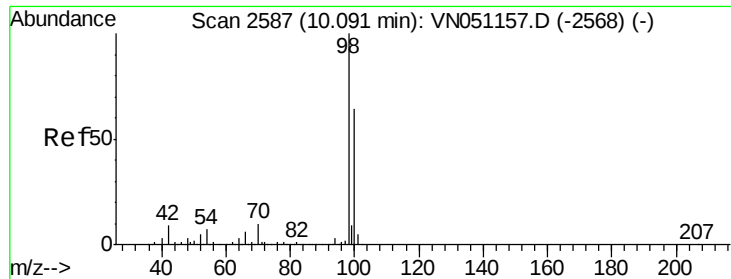


Abundance Ion 41.00 (40.70 to 41.70): VN051157.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN051157.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN051157.D (-2298) (-)





#50

Toluene-d8

Concen: 47.37 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampled :

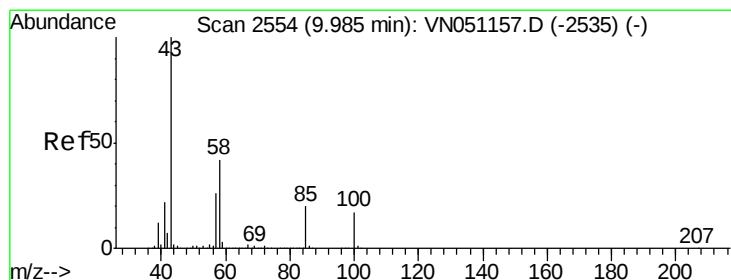
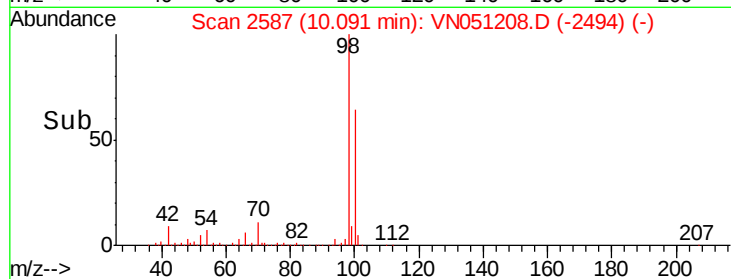
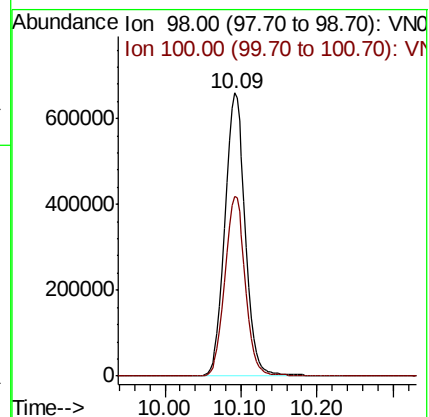
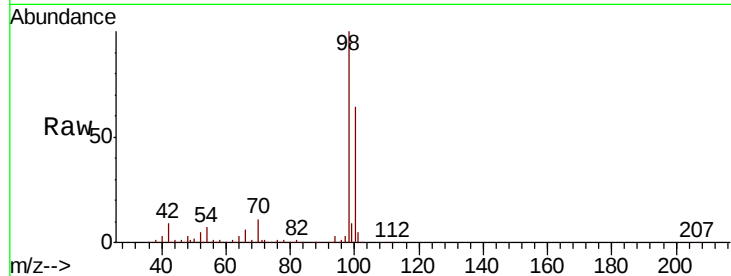
SP-PIT-7

Tot Ion: 98 Resp: 1230162

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.40 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051208.D

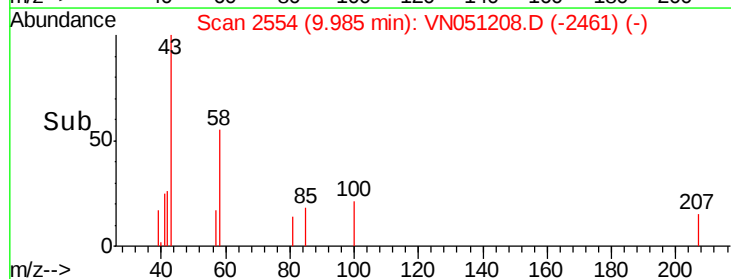
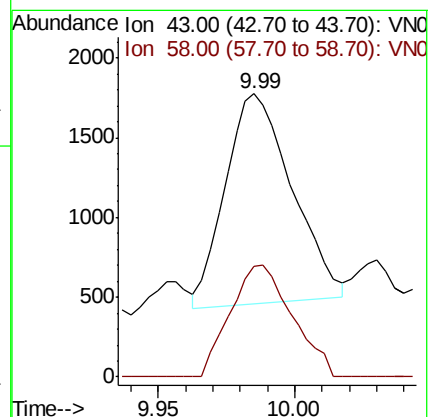
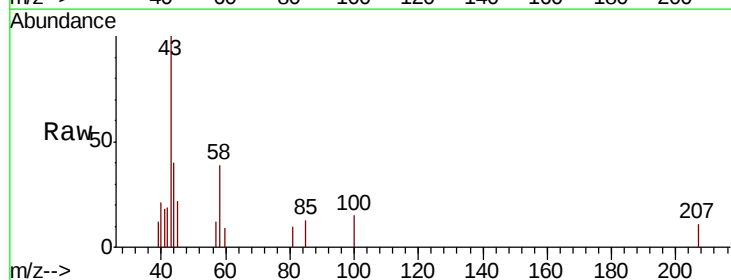
Acq: 14 Sep 2018 23:22

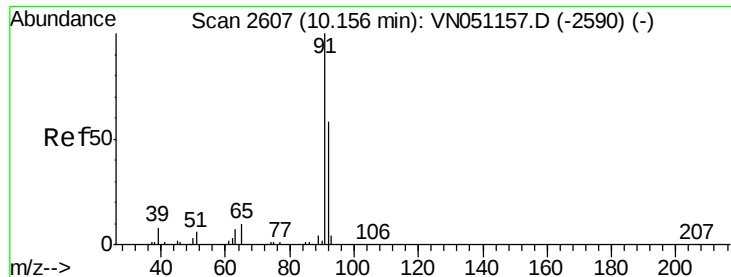
Tgt Ion: 43 Resp: 2233

Ion Ratio Lower Upper

43 100

58 49.4 33.5 50.3





#52

Toluene

Concen: 3.26 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampled :

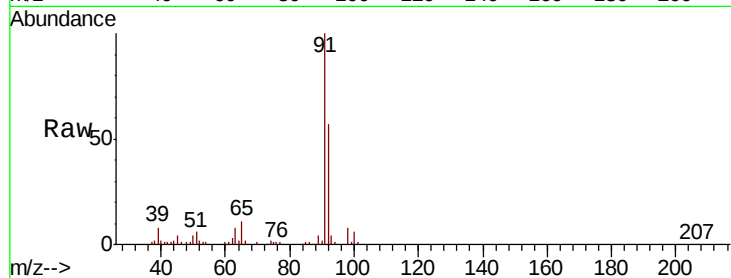
SP-PIT-7

Tot Ion: 92 Resp: 59877

Ion Ratio Lower Upper

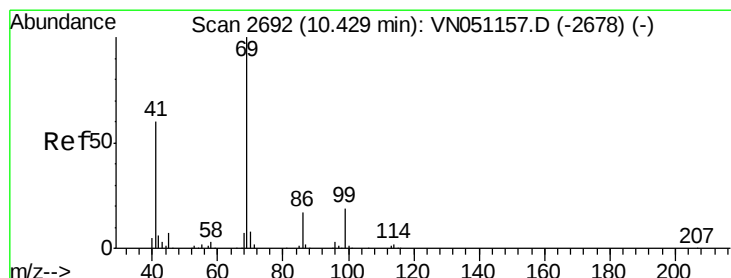
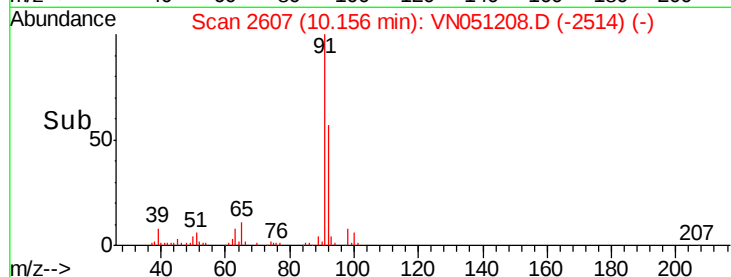
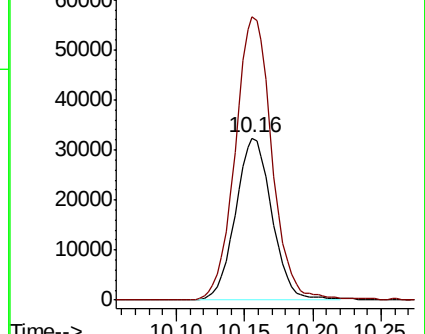
92 100

91 177.0 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#56

Ethyl methacrylate

Concen: 2.47 ug/l

RT: 10.27 min Scan# 2643

Delta R.T. -0.16 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

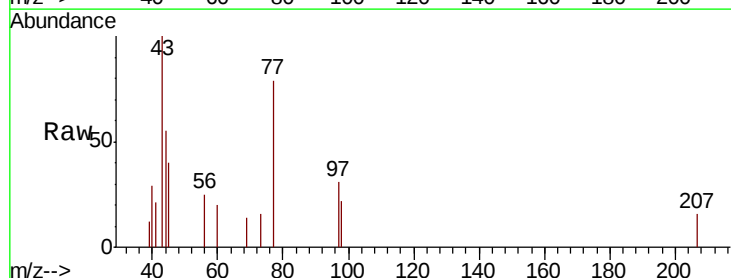
Tgt Ion: 69 Resp: 145

Ion Ratio Lower Upper

69 100

41 725.5 47.8 71.8#

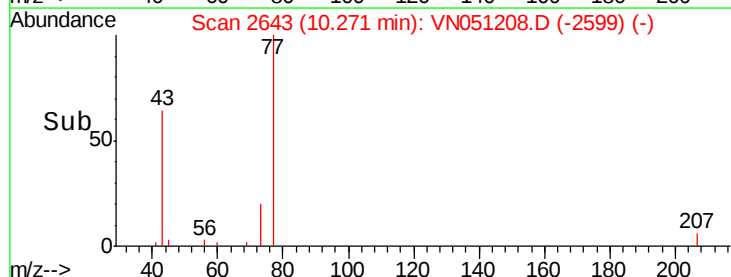
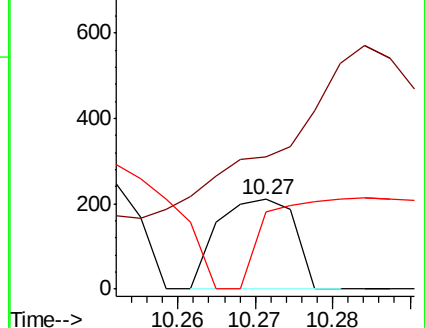
39 237.9 23.0 34.4#

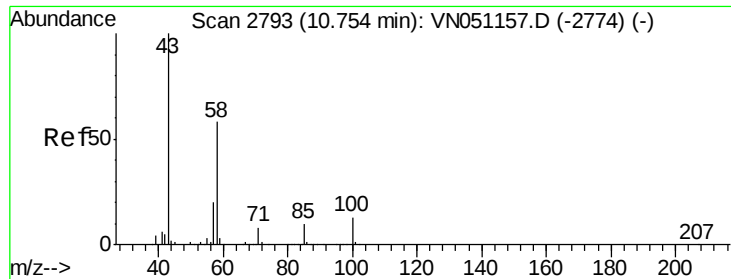


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

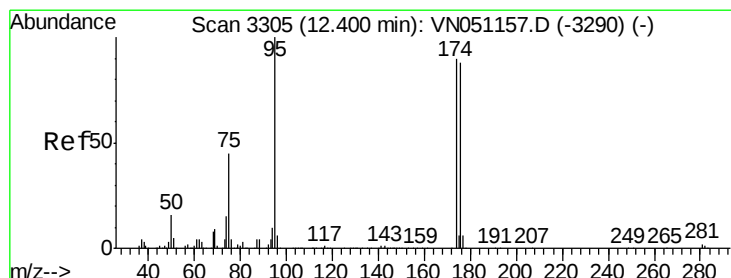
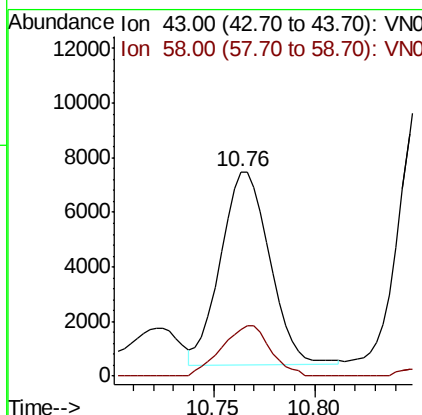
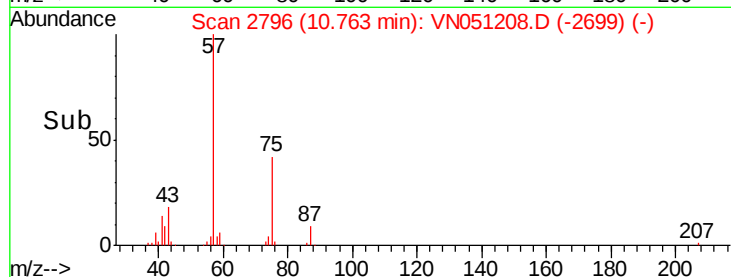
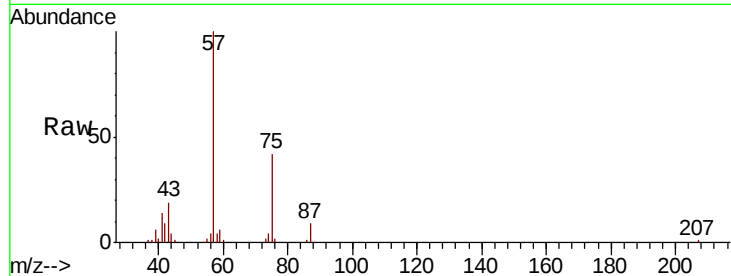




#59
2-Hexanone
Concen: 3.14 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

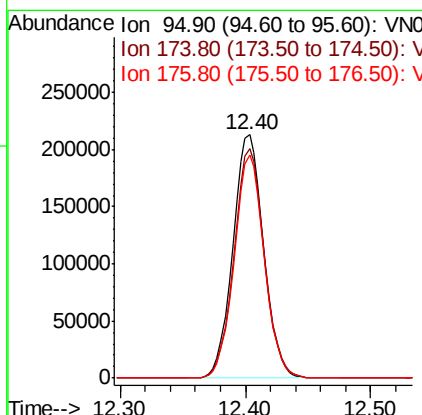
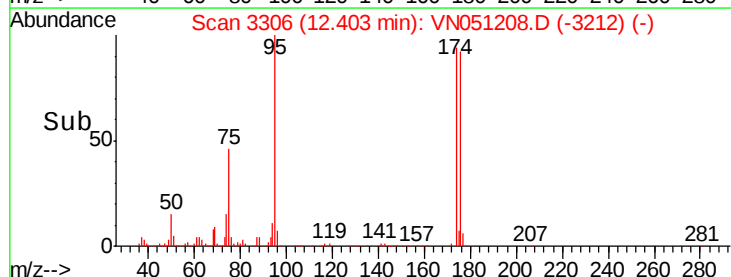
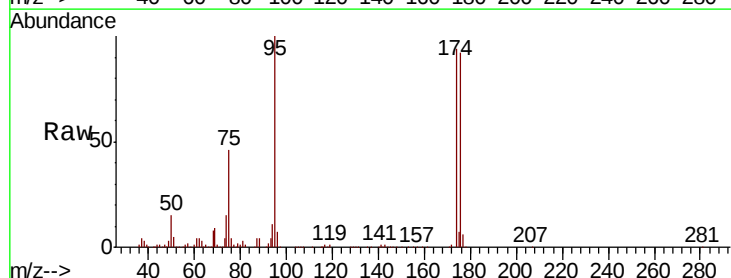
Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-7

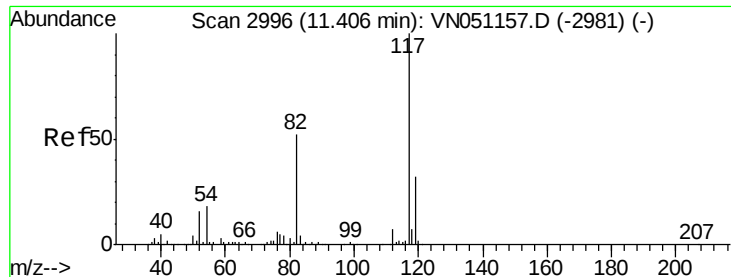
Tot Ion: 43 Resp: 12025
Ion Ratio Lower Upper
43 100
58 26.0 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 41.98 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

Tgt Ion: 95 Resp: 360628
Ion Ratio Lower Upper
95 100
174 93.4 0.0 184.8
176 90.1 0.0 178.6

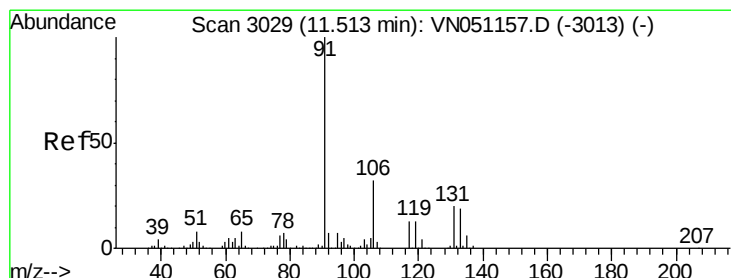
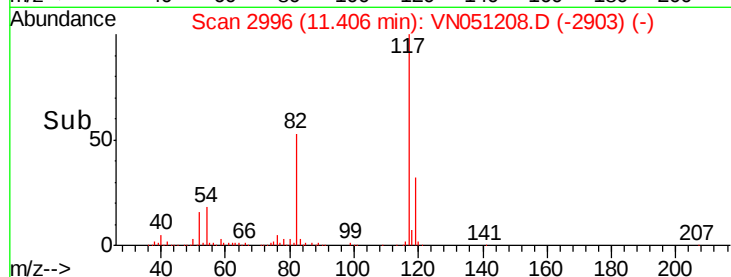
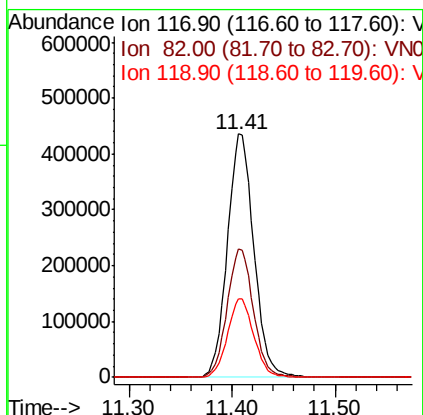
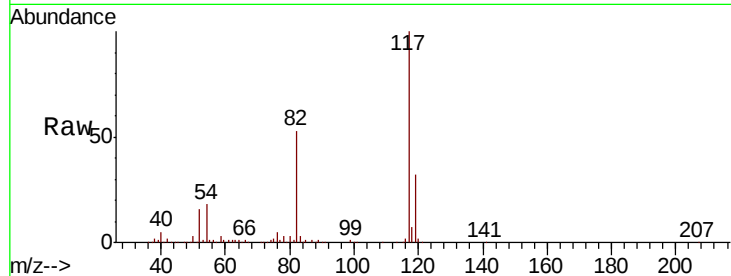




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

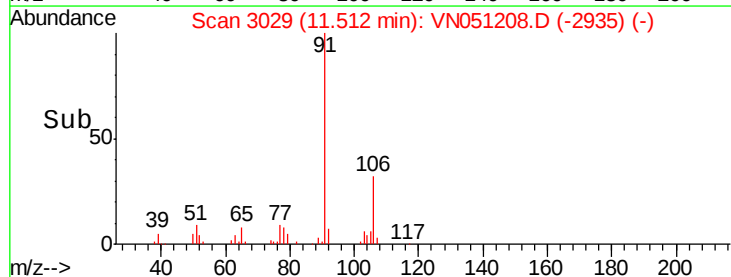
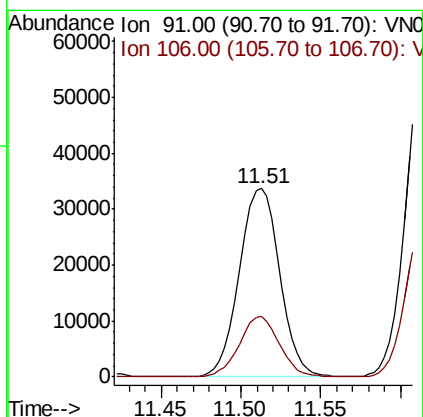
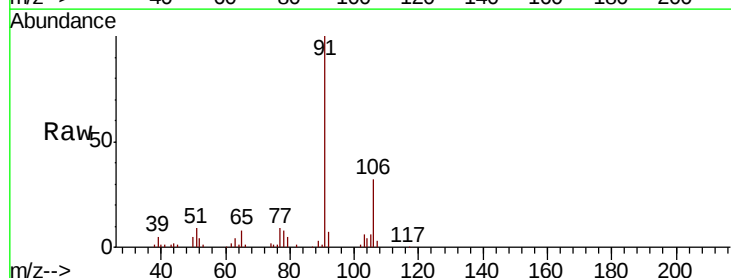
Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-7

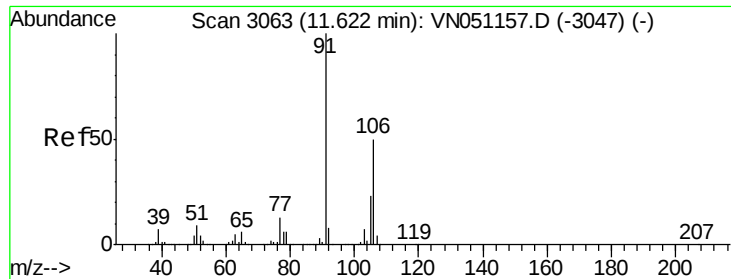
Tot Ion:117 Resp: 779942
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 32.5 26.2 39.2



#67
Ethyl Benzene
Concen: 1.83 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

Tgt Ion: 91 Resp: 58272
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2

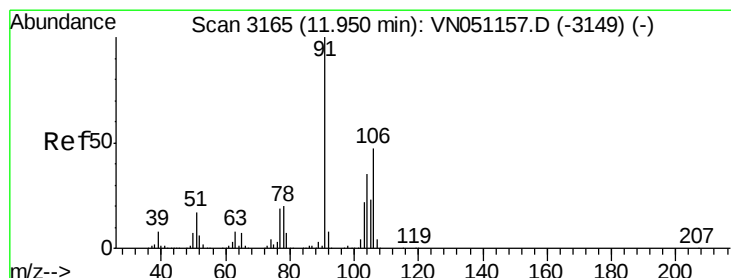
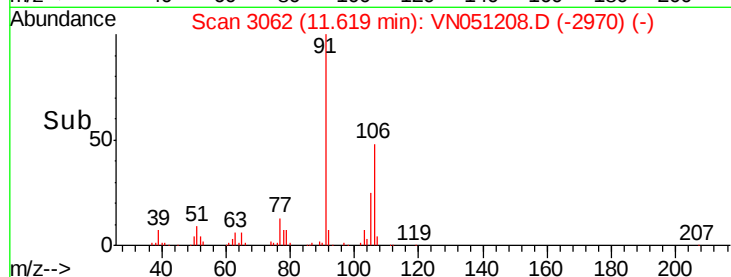
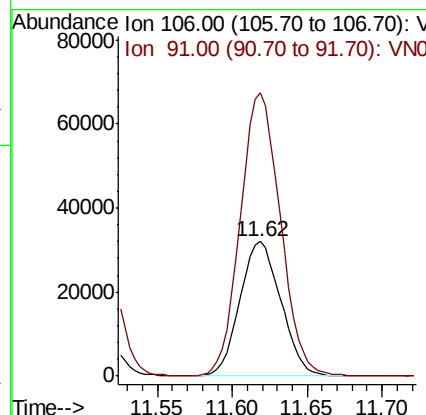
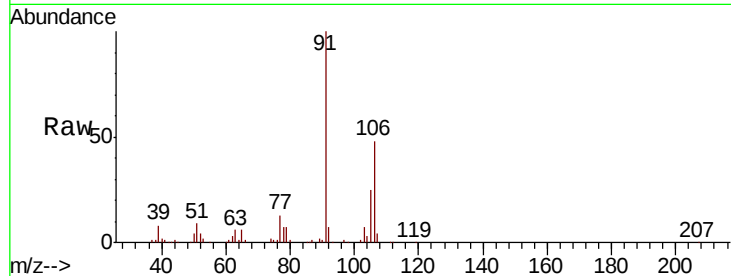




#68
m/p-Xylenes
Concen: 5.01 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

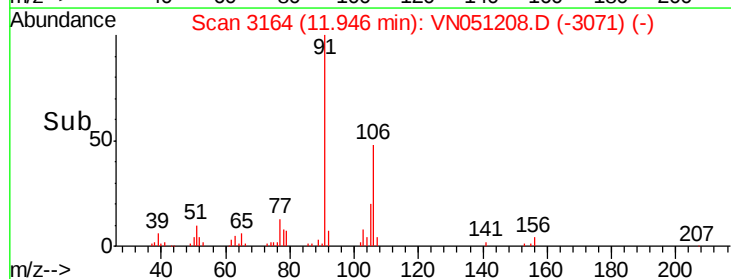
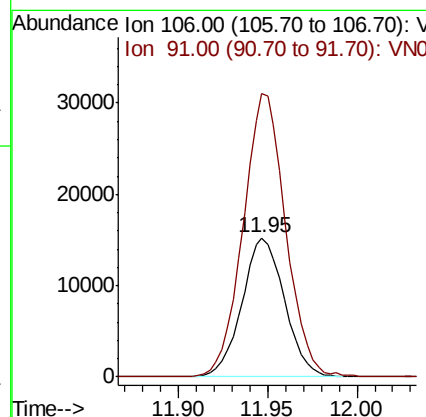
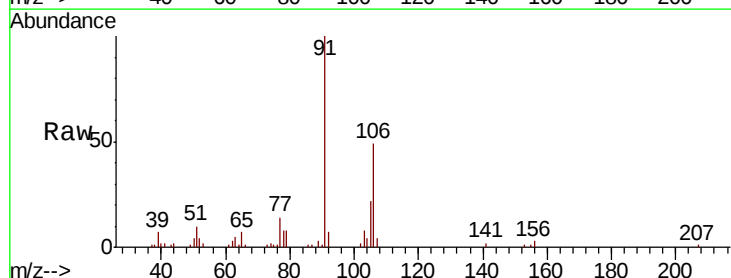
Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-7

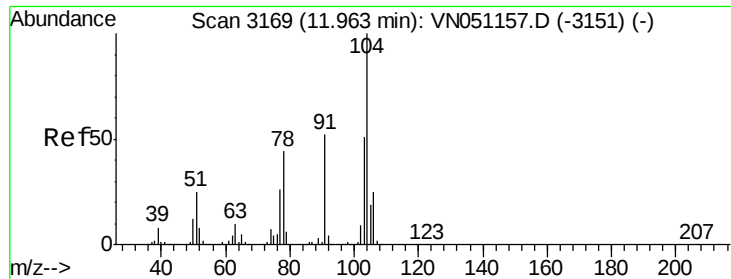
Tot Ion:106 Resp: 61267
Ion Ratio Lower Upper
106 100
91 206.4 159.8 239.6



#69
o-Xylene
Concen: 2.13 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

Tgt Ion:106 Resp: 25278
Ion Ratio Lower Upper
106 100
91 203.4 105.1 315.1





#70

Stvrene

Concen: 0.24 ug/l

RT: 11.96 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-7

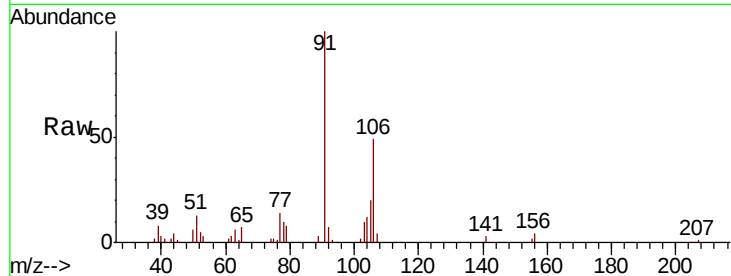
Tot Ion:104 Resp: 4434

Ion Ratio Lower Upper

104 100

78 110.6 37.7 56.5#

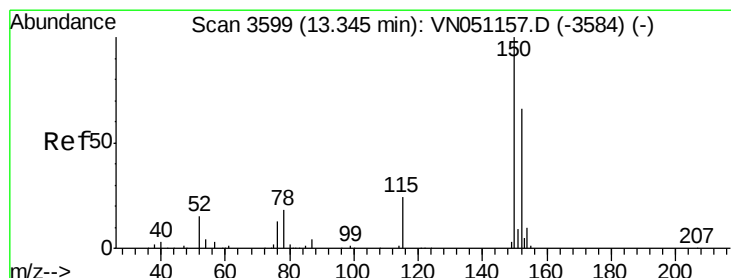
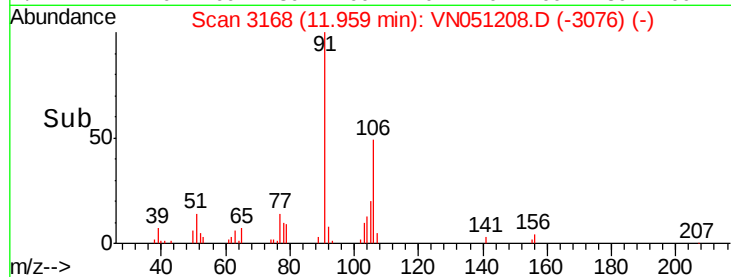
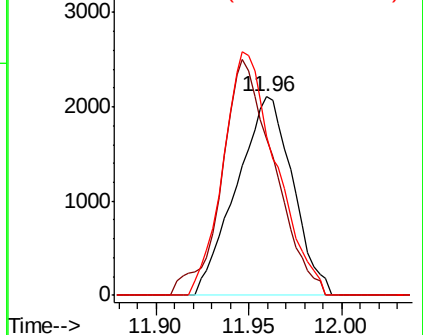
103 115.1 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

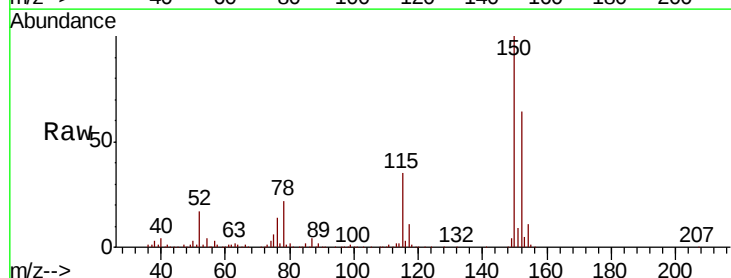
Tgt Ion:152 Resp: 324830

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

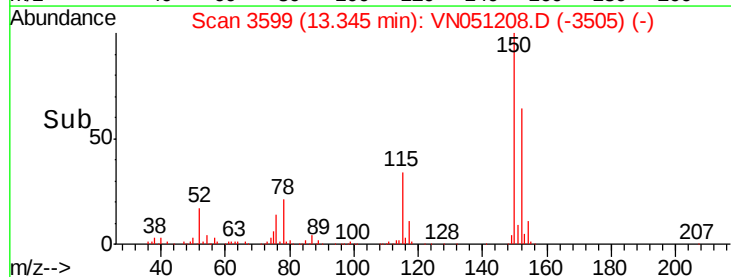
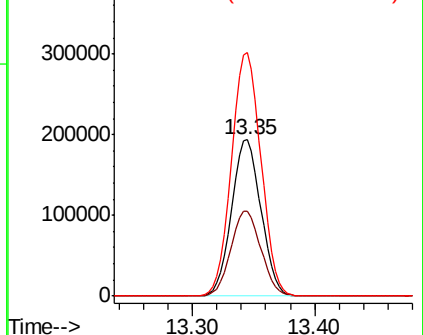
150 156.1 0.0 349.0

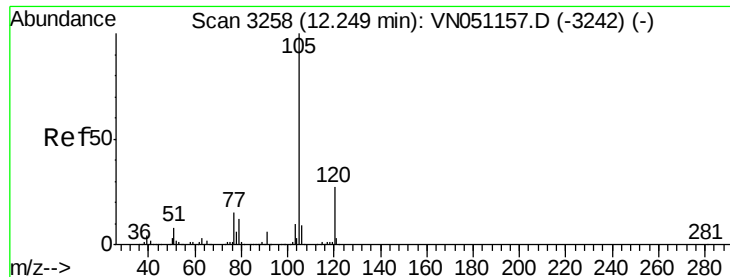


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.27 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampled :

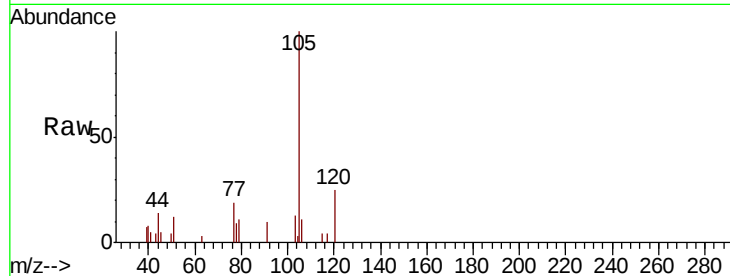
SP-PIT-7

Tot Ion: 105 Resp: 7281

Ion Ratio Lower Upper

105 100

120 24.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

5000

4000

3000

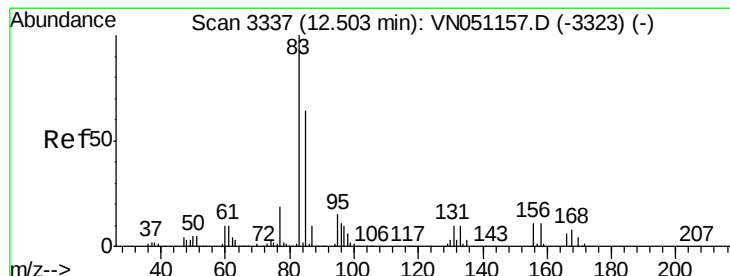
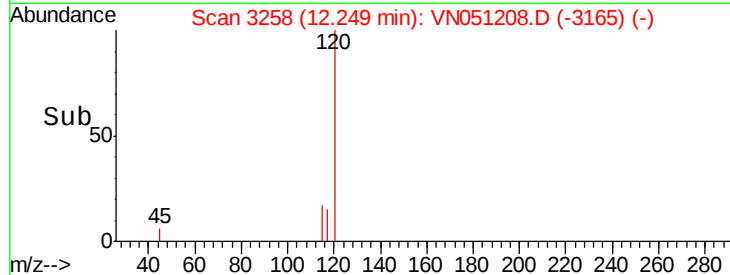
2000

1000

0

Time-->

12.20 12.25 12.30



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

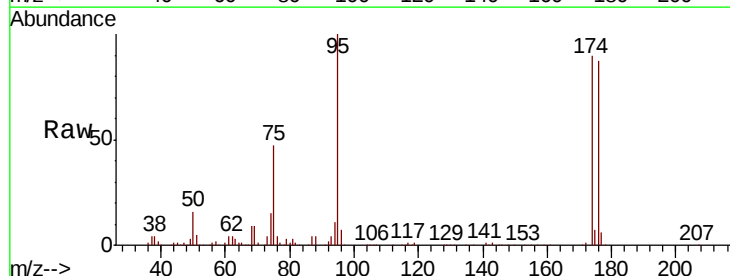
Tgt Ion: 83 Resp: 110

Ion Ratio Lower Upper

83 100

131 315.5 5.3 16.1#

85 0.0 32.3 96.8#



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

400

300

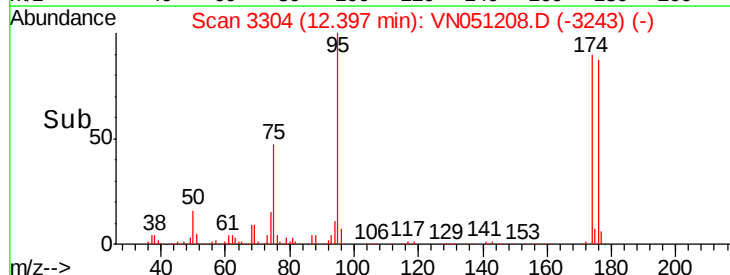
200

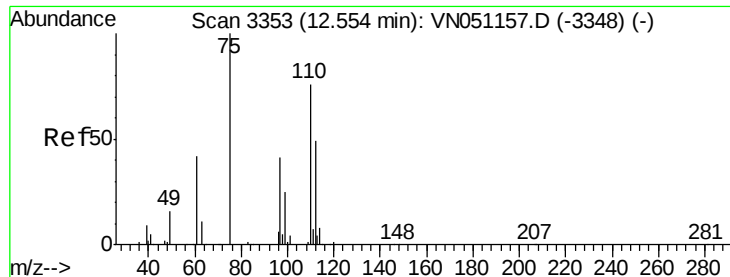
100

0

Time-->

12.38 12.39 12.40 12.41





#76

1,2,3-Trichloropropane

Concen: 32.27 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampled :

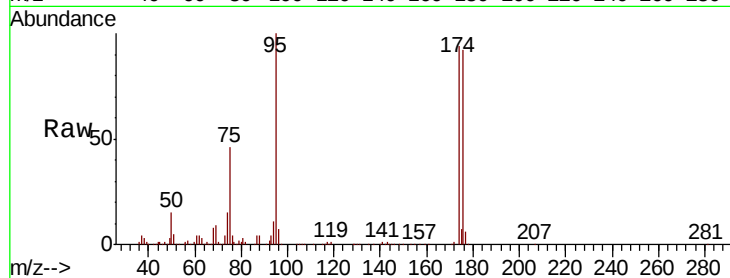
SP-PIT-7

Tot Ion: 75 Resp: 165148

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051157.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051157.D (-3348) (-)

12.40

100000

80000

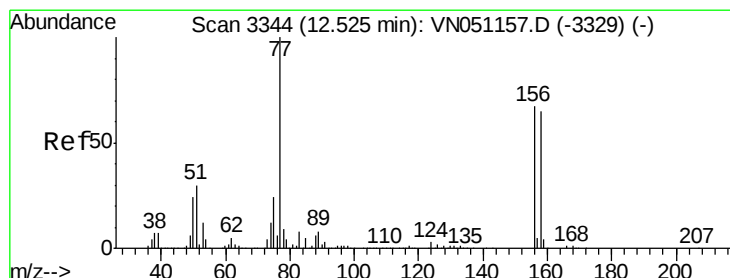
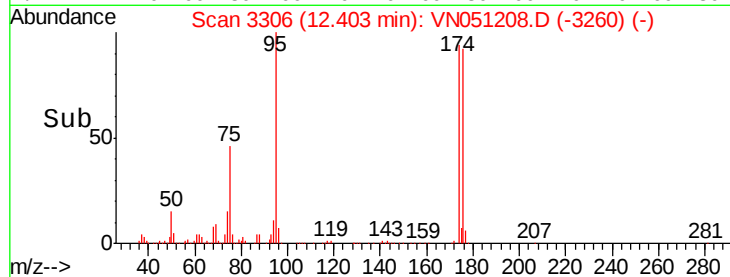
60000

40000

20000

0

Time-->



#77

Bromobenzene

Concen: 0.65 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

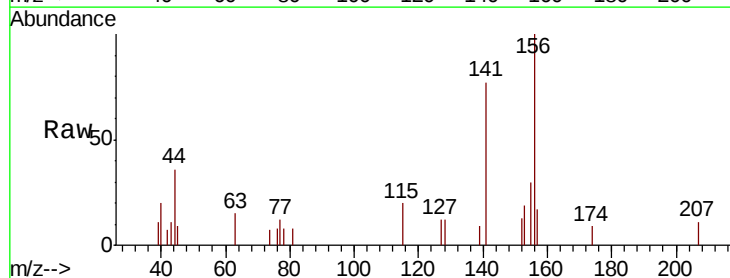
Tgt Ion: 156 Resp: 4766

Ion Ratio Lower Upper

156 100

77 5.1 87.5 262.6#

158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): VN051157.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN051157.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN051157.D (-3329) (-)

12.52

3000

2500

2000

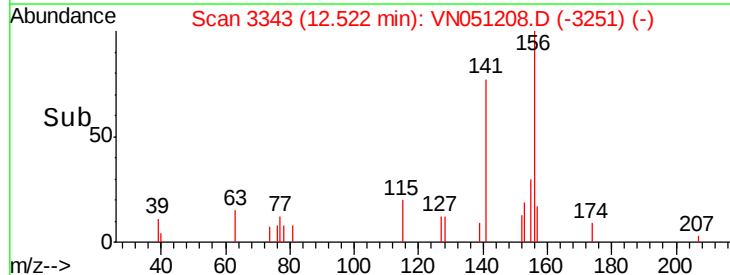
1500

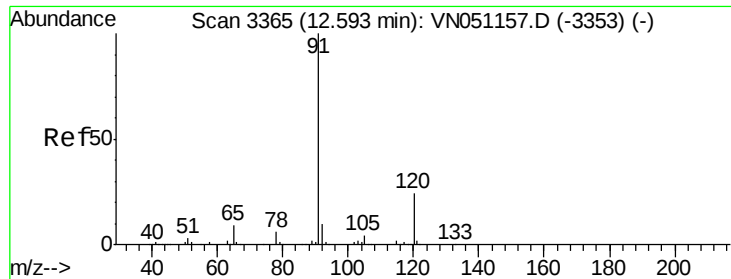
1000

500

0

Time-->

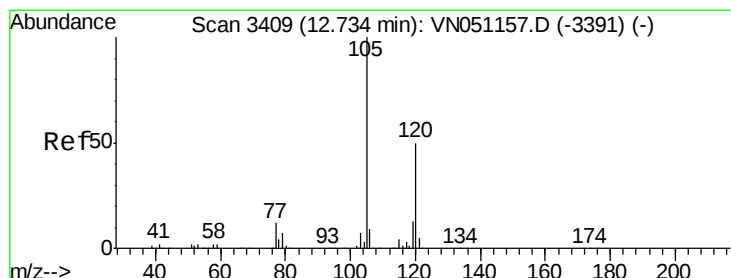
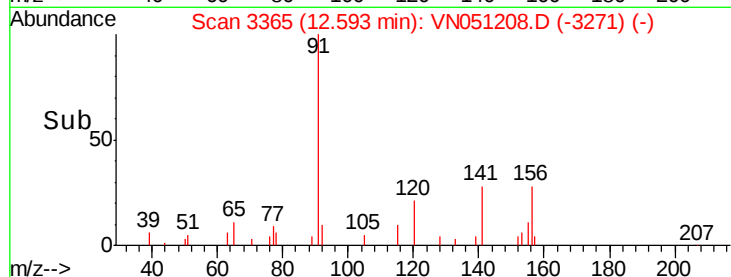
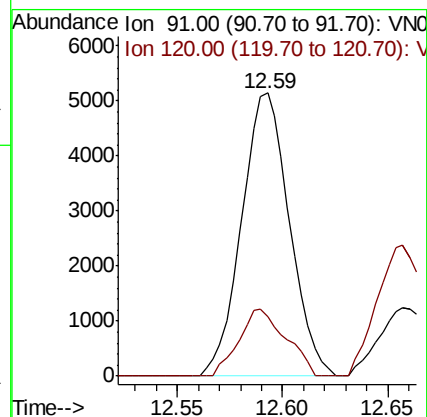
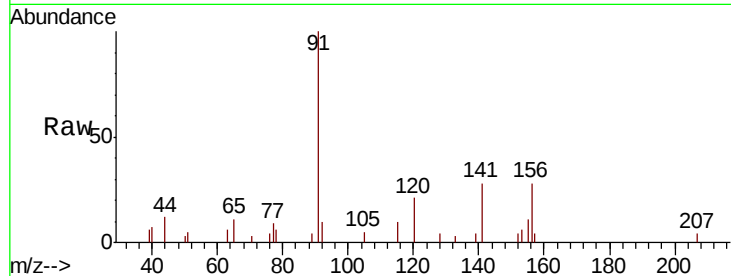




#78
n-propylbenzene
Concen: 0.27 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

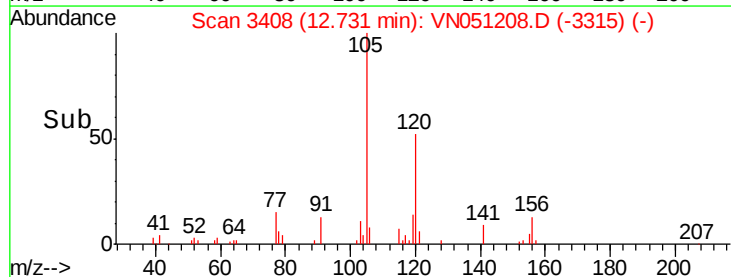
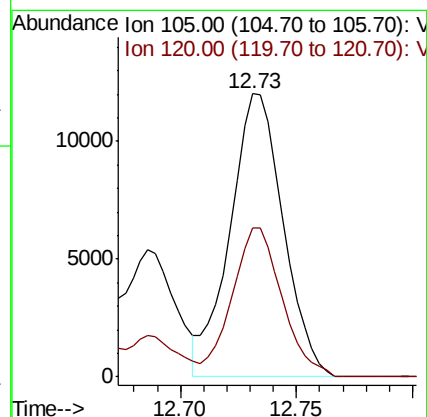
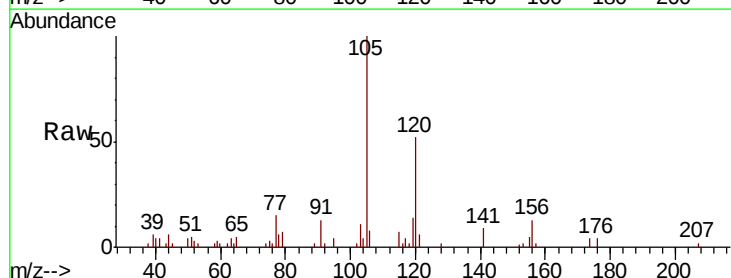
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-7

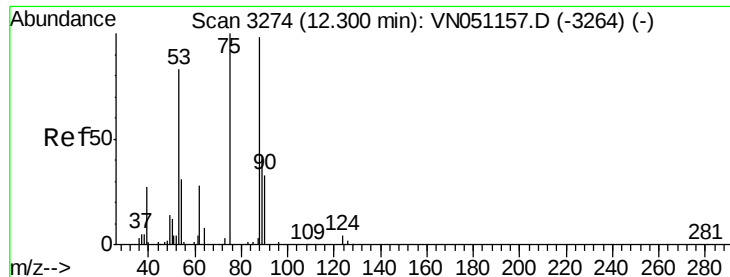
Tot Ion: 91 Resp: 8094
Ion Ratio Lower Upper
91 100
120 23.2 12.0 36.0



#80
1,3,5-Trimethylbenzene
Concen: 0.87 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

Tgt Ion:105 Resp: 19166
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 96.56 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-7

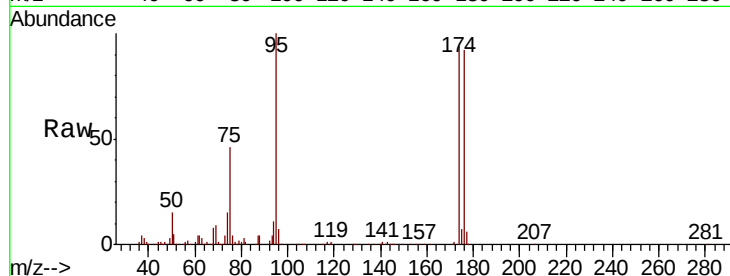
Tot Ion: 75 Resp: 165148

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

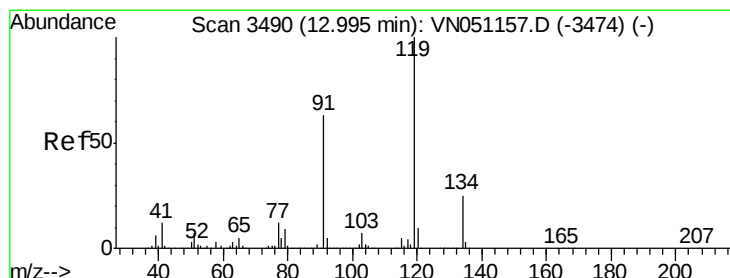
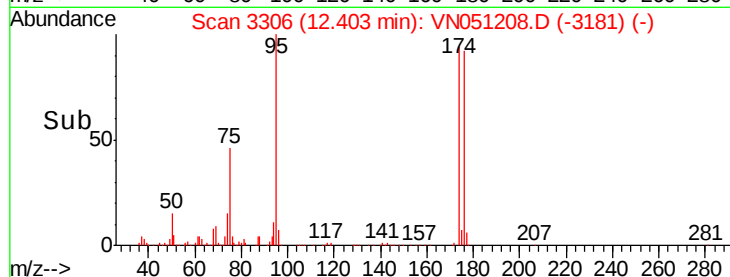
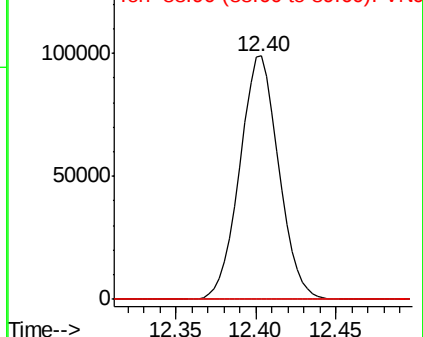
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051157.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN051157.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN051157.D (-3264) (-)



#83

tert-Butylbenzene

Concen: 0.36 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN051208.D

Acq: 14 Sep 2018 23:22

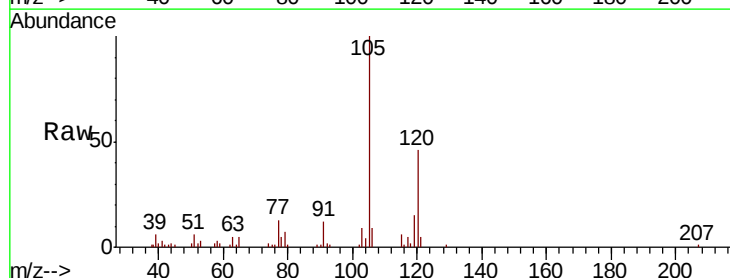
Tgt Ion: 119 Resp: 6948

Ion Ratio Lower Upper

119 100

91 79.2 30.8 92.3

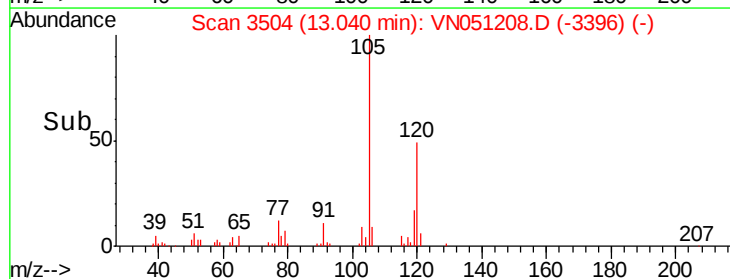
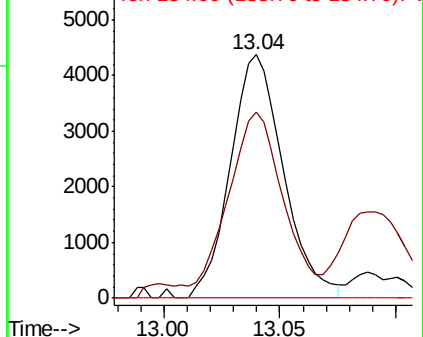
134 0.0 13.2 39.6#

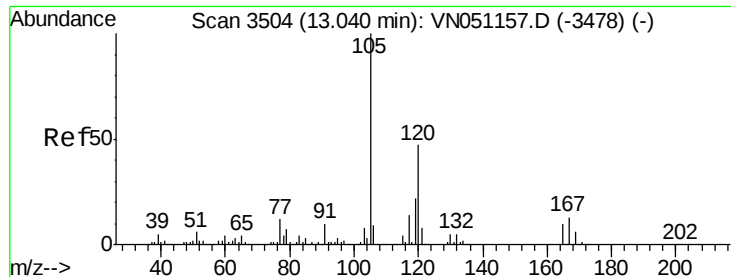


Abundance Ion 119.00 (118.70 to 119.70): VN051157.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN051157.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN051157.D (-3474) (-)

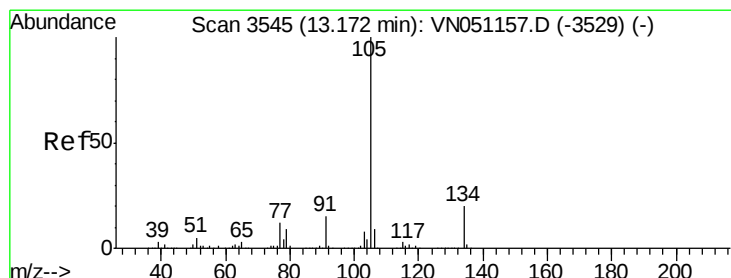
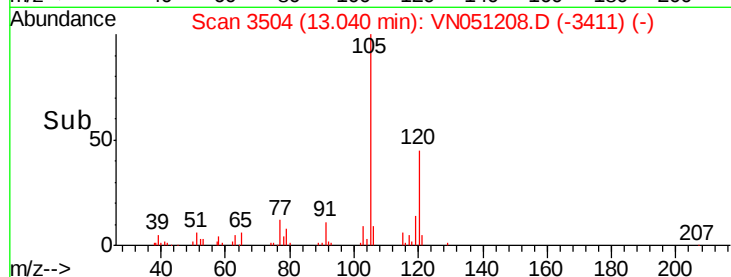
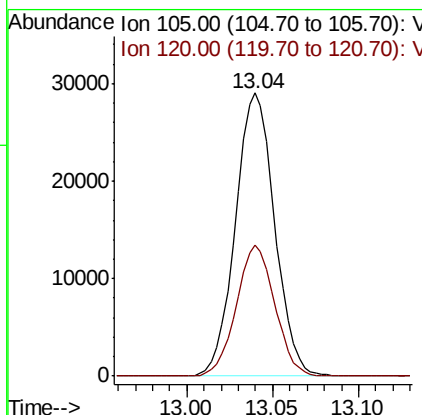
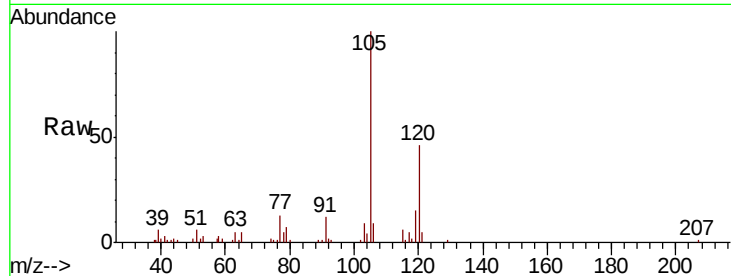




#84
 1,2,4-Trimethylbenzene
 Concen: 2.13 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

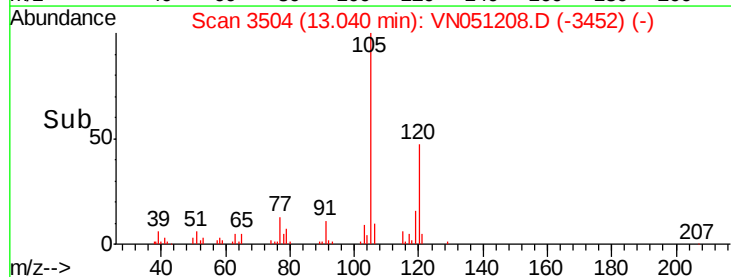
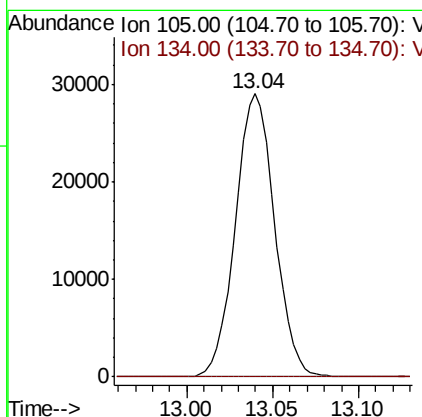
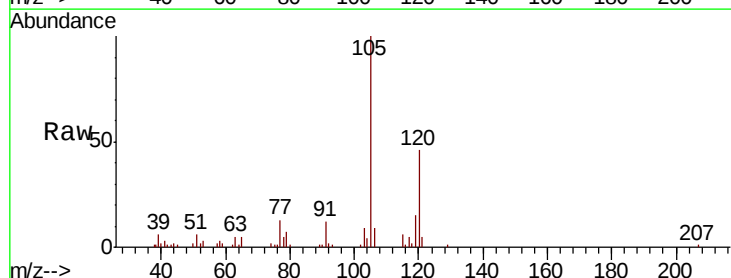
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-7

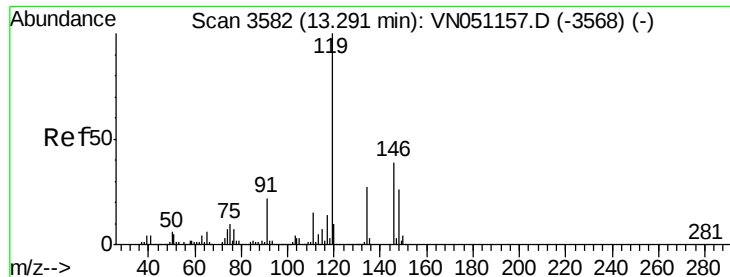
Tot Ion:105 Resp: 46035
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 1.85 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

Tgt Ion:105 Resp: 46035
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#

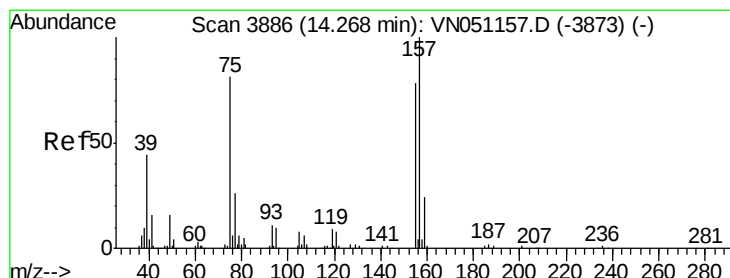
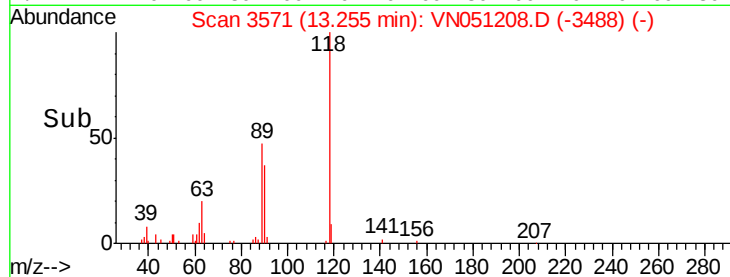
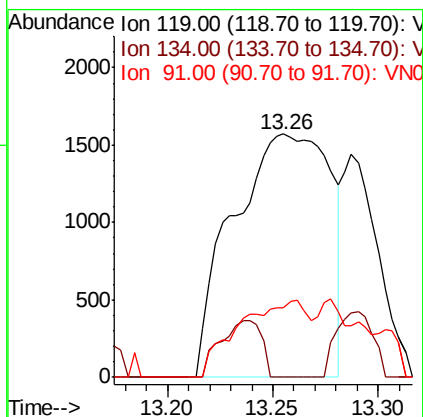
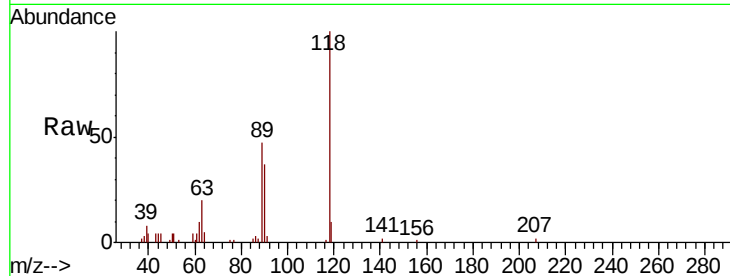




#86
p-Isopropyltoluene
Concen: 0.24 ug/l
RT: 13.26 min Scan# 3571
Delta R.T. -0.03 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

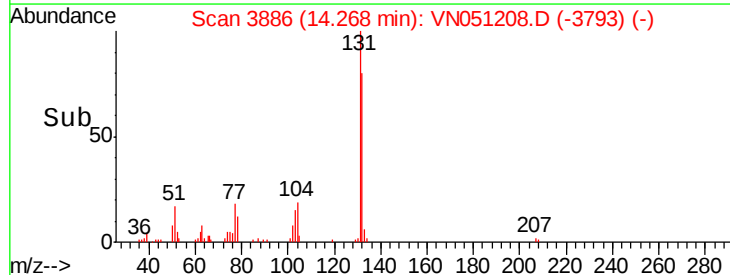
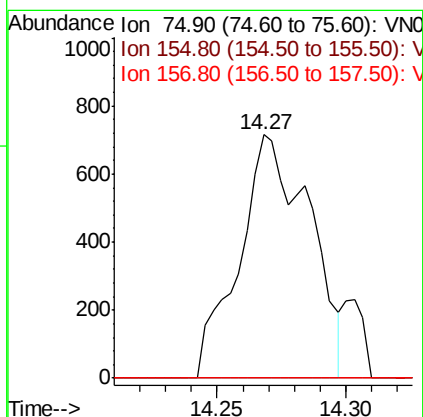
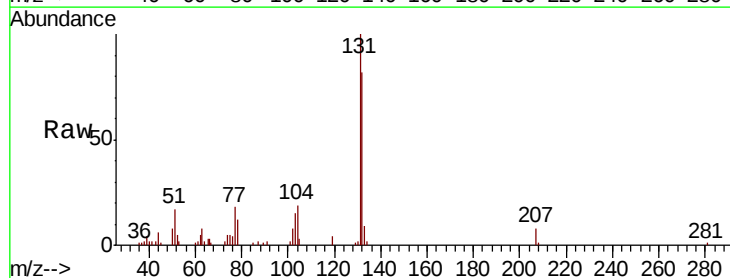
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-7

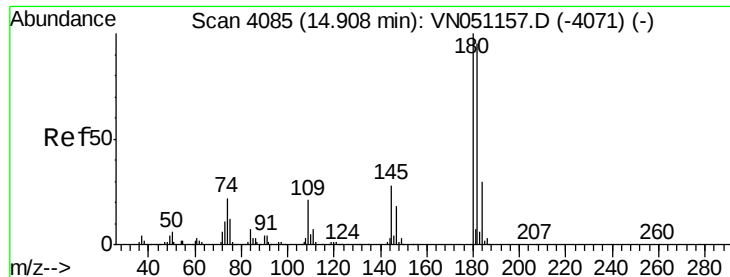
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.5	40.4#
91	22.7	10.9	32.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.10 ug/l
RT: 14.27 min Scan# 3886
Delta R.T. -0.00 min
Lab File: VN051208.D
Acq: 14 Sep 2018 23:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.7	146.1#
157	0.0	63.6	190.9#

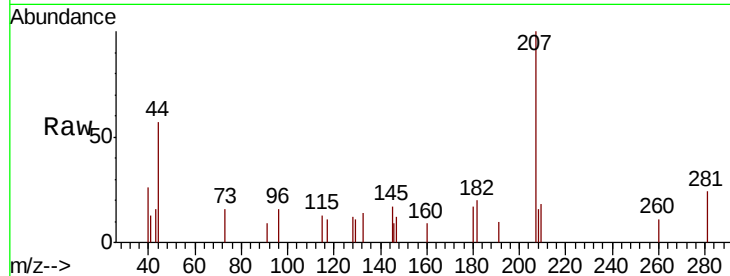




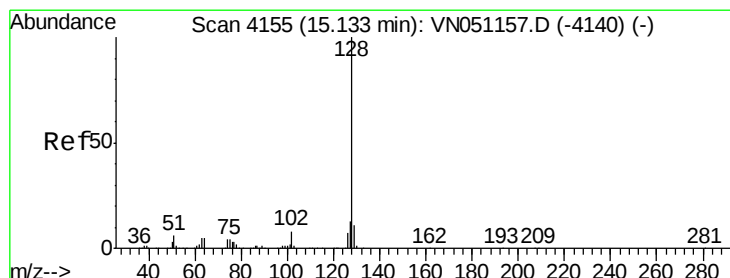
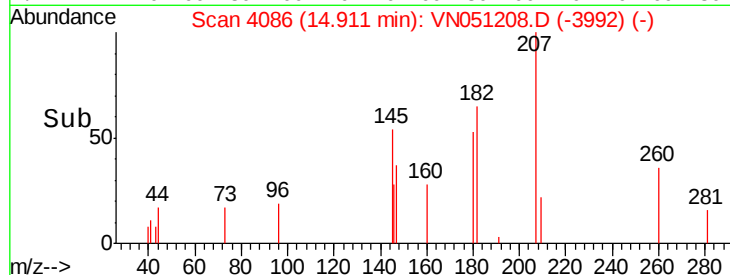
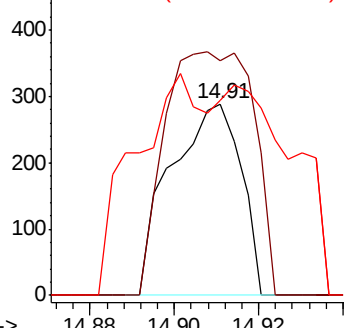
#93
 1,2,4-Trichlorobenzene
 Concen: 4.03 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-7

Tot Ion:180 Resp: 334
 Ion Ratio Lower Upper
 180 100
 182 160.2 47.3 141.8#
 145 117.1 14.2 42.6#

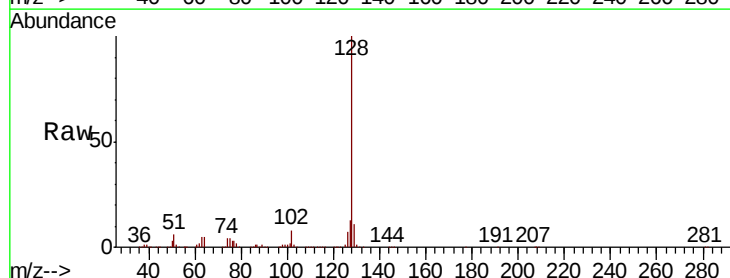


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

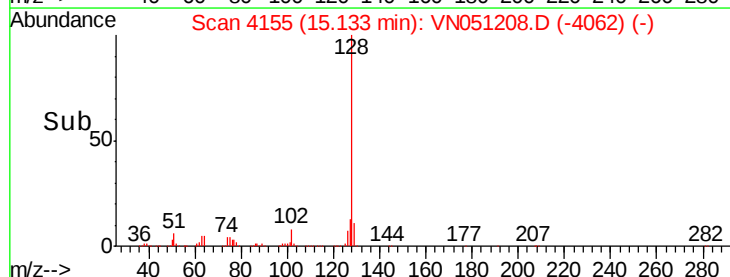
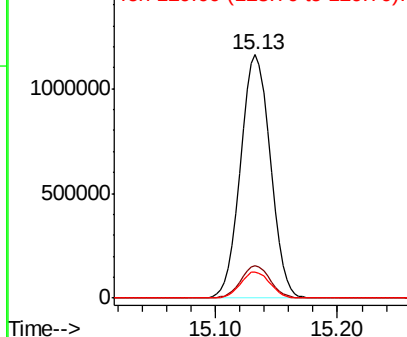


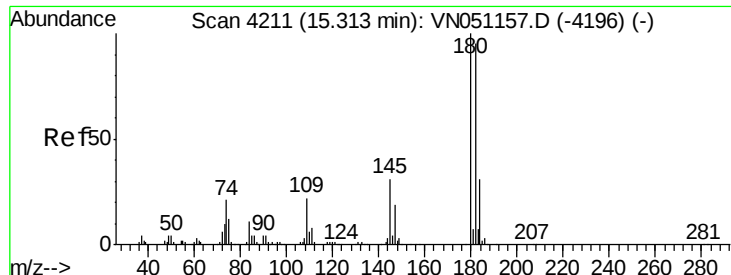
#95
 Naphthalene
 Concen: 148.35 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

Tgt Ion:128 Resp: 1955682
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.6 15.8
 129 10.8 8.6 12.8



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: 2.96 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN051208.D
 Acq: 14 Sep 2018 23:22

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-7

Tot Ion	Ratio	Lower	Upper
180	100		
182	325.4	47.8	143.3#
145	0.0	14.6	43.8#

