

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051206.D
 Acq On : 14 Sep 2018 22:33
 Operator : MD\SY
 Sample : J4906-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-3

Quant Time: Sep 15 00:57:33 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	533348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	326199	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
35) Dibromofluoromethane	7.59	113	324849	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1147416	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.40	95	300149	37.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.64%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	3068	Below Cal		99
5) Bromomethane	2.58	94	2587	Below Cal		84
10) Methyl Iodide	3.95	142	416	5.70	ug/l #	44
11) Tert butyl alcohol	4.79	59	199	0.44	ug/l #	73
13) Acrolein	3.61	56	29	24.33	ug/l #	1
14) Allyl chloride	4.55	41	872754	100.69	ug/l #	27
16) Acetone	3.82	43	44440	25.03	ug/l	98
17) Carbon Disulfide	4.06	76	1465	0.20	ug/l #	76
18) Methyl Acetate	4.34	43	11582	2.44	ug/l	99
20) Methylene Chloride	4.55	84	25284824	3856.55	ug/l	97
25) 2-Butanone	6.85	43	9375	4.02	ug/l	97
28) Bromochloromethane	7.20	49	18539	3.82	ug/l	98
29) Tetrahydrofuran	7.22	42	1296	0.89	ug/l #	54
30) Chloroform	7.38	83	9335	0.86	ug/l	96
31) Cyclohexane	7.67	56	9142	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	33332	3.56	ug/l #	48
37) Ethyl Acetate	6.85	43	9375	1.73	ug/l #	66
38) Carbon Tetrachloride	7.67	117	45873	4.98	ug/l #	17
41) Methacrylonitrile	7.22	41	566	0.20	ug/l #	26
43) Isopropyl Acetate	8.17	43	249403	26.07	ug/l #	81
47) Bromodichloromethane	9.40	83	3397	0.38	ug/l #	93
48) Methyl methacrylate	9.18	41	6246	1.34	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	2759	0.52	ug/l	99
52) Toluene	10.16	92	7067	0.41	ug/l	99
56) Ethyl methacrylate	10.24	69	1785	2.66	ug/l #	49
59) 2-Hexanone	10.77	43	12304	3.43	ug/l #	55
68) m/p-Xylenes	11.62	106	3915	0.35	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.41	83	109	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	141291	38.07	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3287	0.20	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	141291	113.13	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	5824	0.37	ug/l	95
90) Hexachloroethane	13.89	117	168	Below Cal	#	2
93) 1,2,4-Trichlorobenzene	14.91	180	175	4.02	ug/l #	58

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

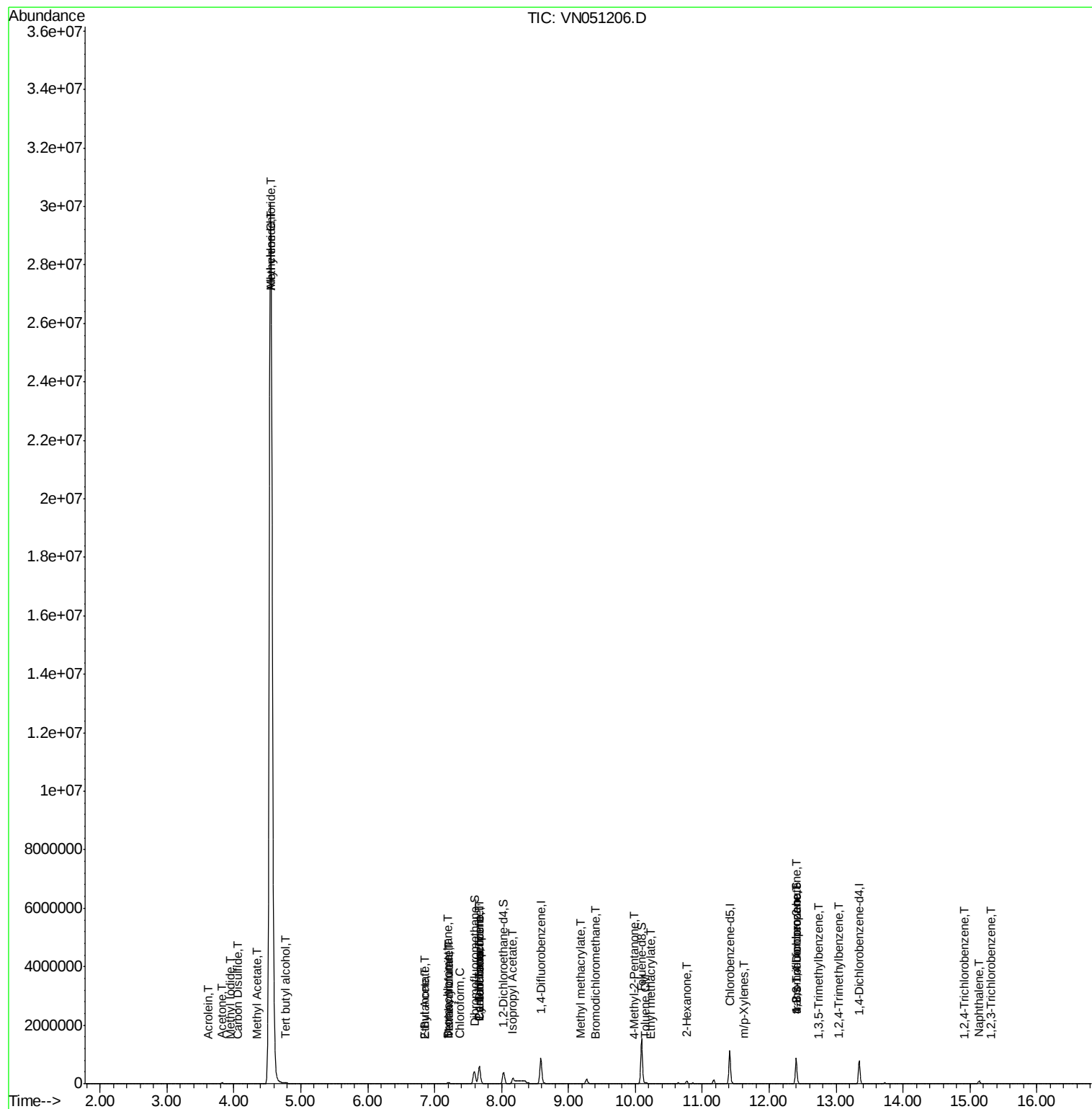
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	74816	12.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	195	2.99	ug/l #	42

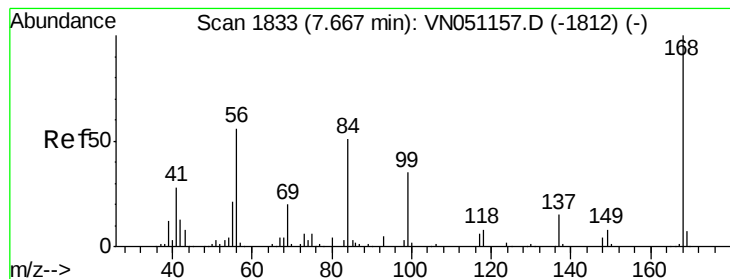
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampleId :

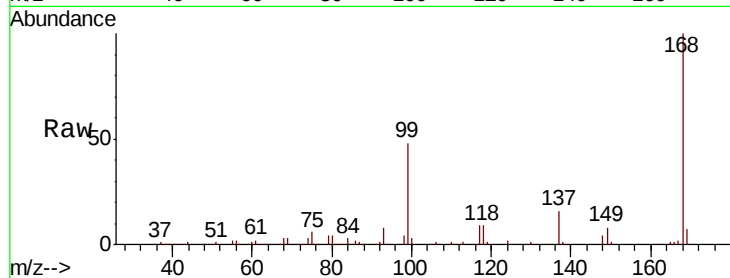
SP-PIT-3

Tot Ion:168 Resp: 533348

Ion Ratio Lower Upper

168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

250000

200000

150000

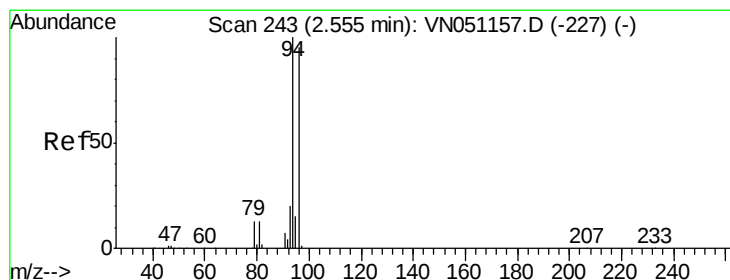
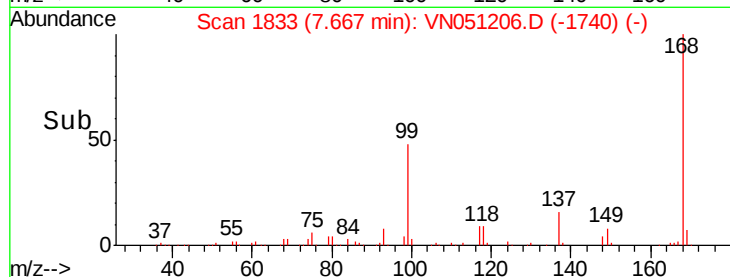
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN051206.D

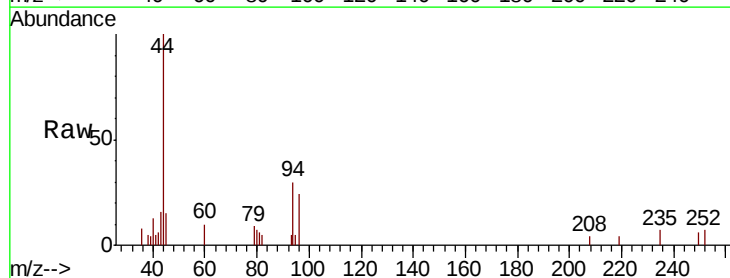
Acq: 14 Sep 2018 22:33

Tgt Ion: 94 Resp: 2587

Ion Ratio Lower Upper

94 100

96 79.7 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051157.D (-227) (-)

Ion 95.90 (95.60 to 96.60): VN051157.D (-227) (-)

2.58

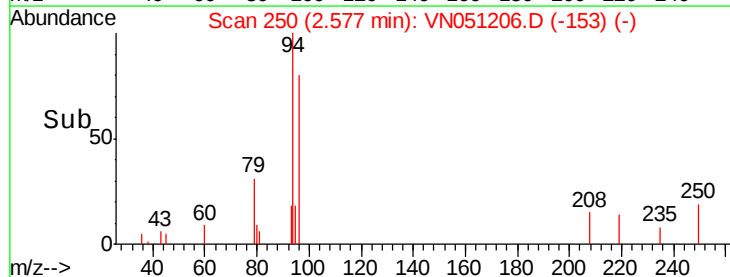
1000

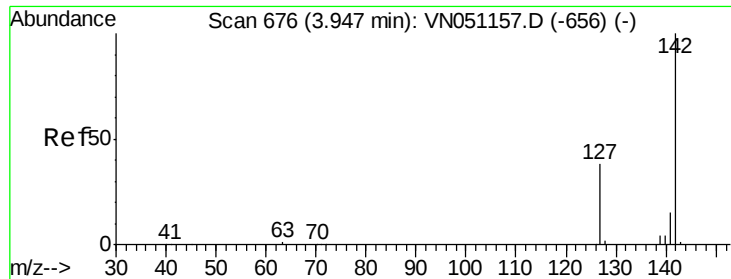
500

0

2.50 2.55 2.60 2.65

Time-->

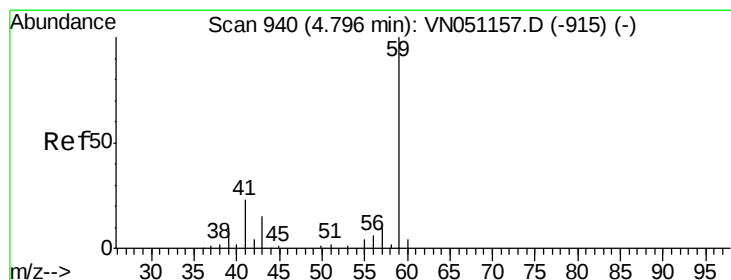
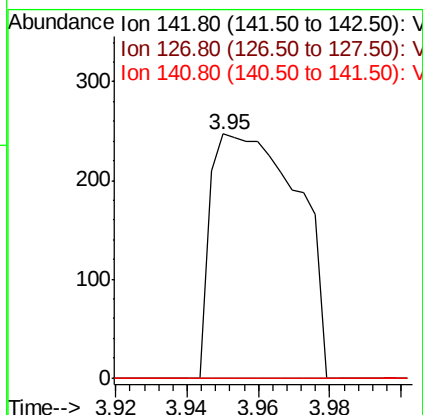
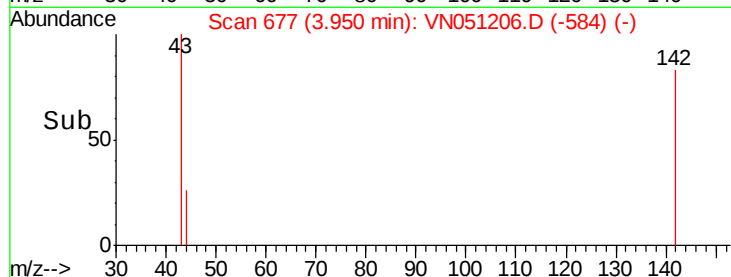
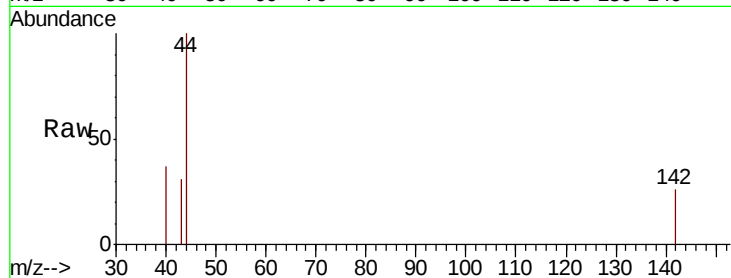




#10
Methyl Iodide
Concen: 5.70 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

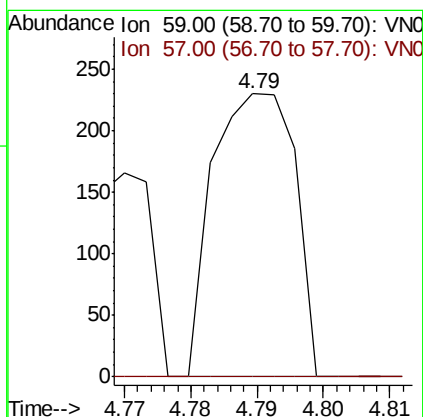
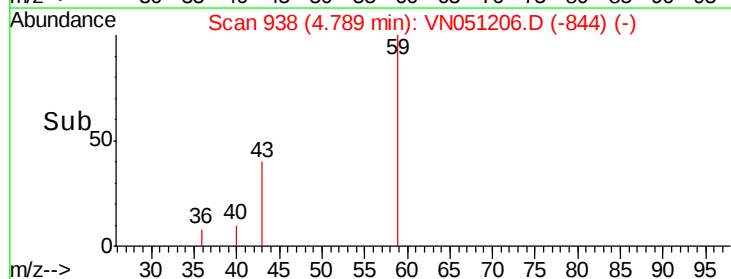
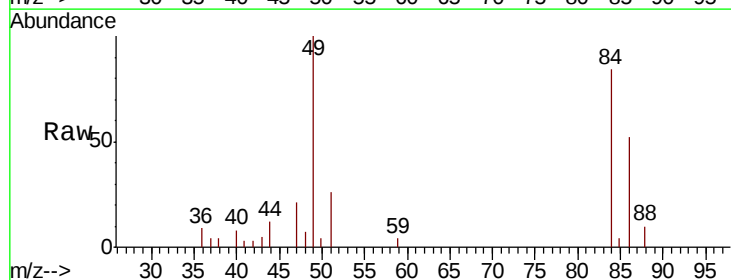
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-3

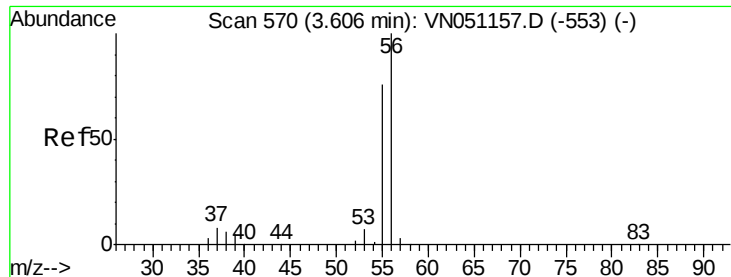
Tot Ion:142 Resp: 416
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.44 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 24.33 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampleId :

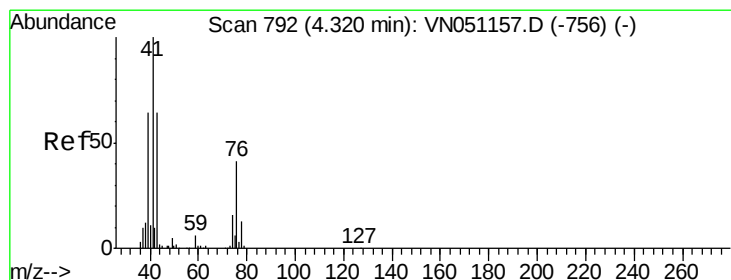
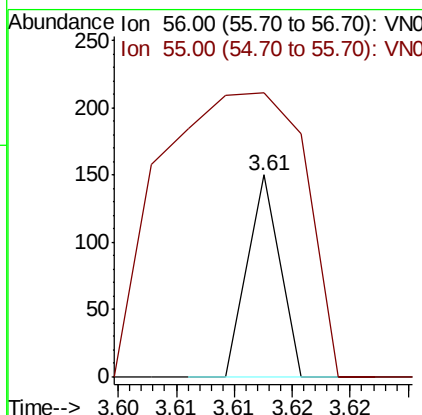
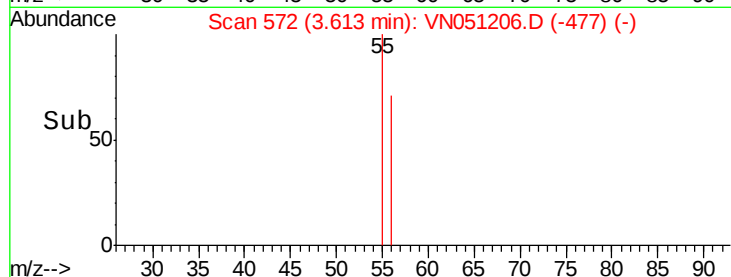
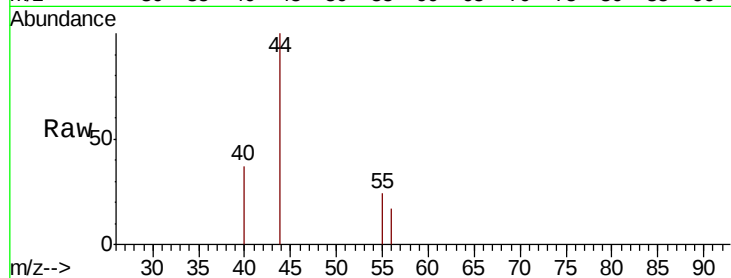
SP-PIT-3

Tot Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 627.6 58.0 87.0#



#14

Allyl chloride

Concen: 100.69 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

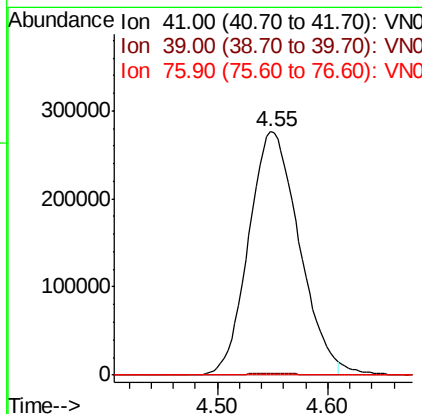
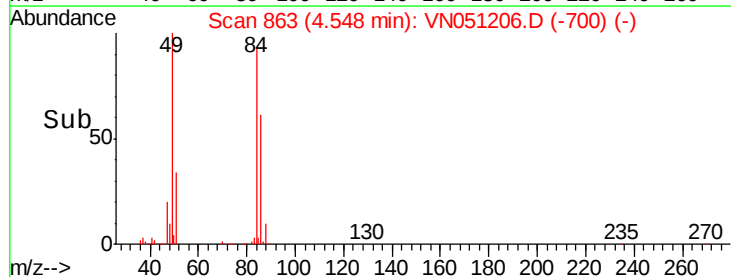
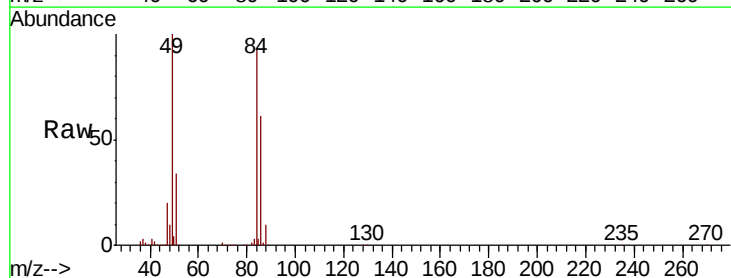
Tgt Ion: 41 Resp: 872754

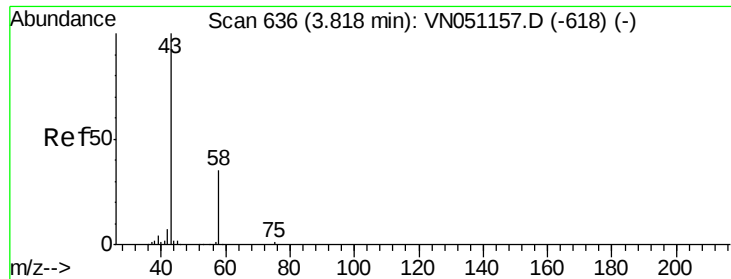
Ion Ratio Lower Upper

41 100

39 0.8 48.8 73.2#

76 0.0 30.6 45.8#





#16

Acetone

Concen: 25.03 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

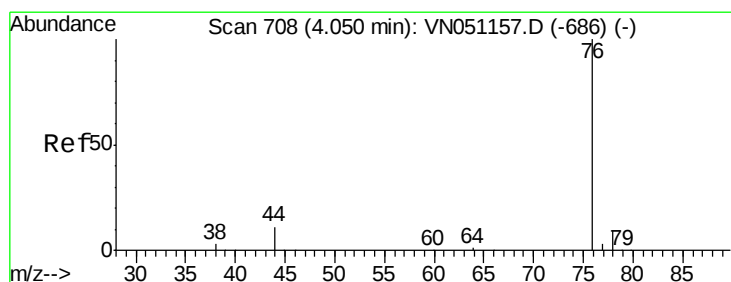
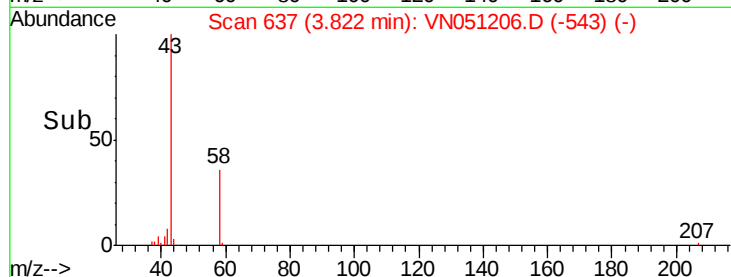
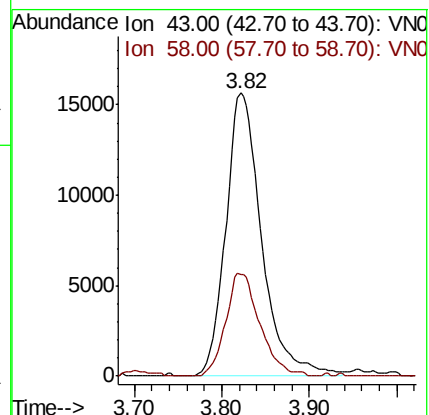
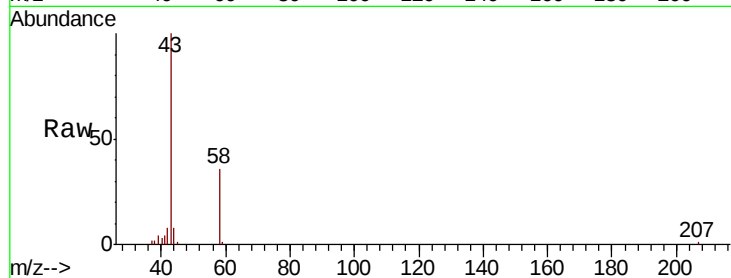
SP-PIT-3

Tot Ion: 43 Resp: 44440

Ion Ratio Lower Upper

43 100

58 36.1 27.8 41.6



#17

Carbon Disulfide

Concen: 0.20 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.01 min

Lab File: VN051206.D

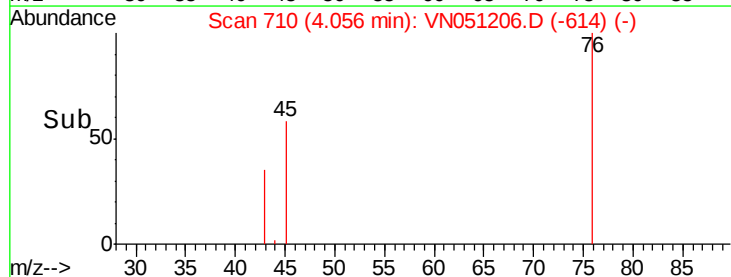
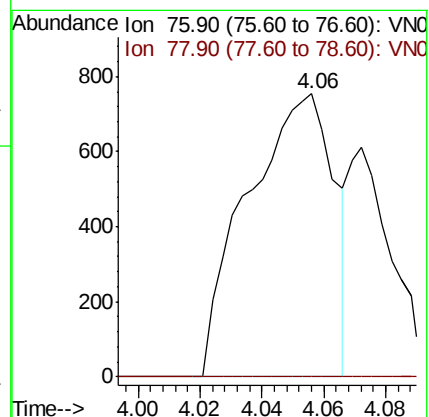
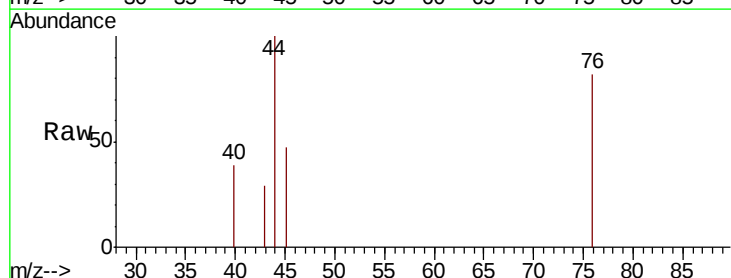
Acq: 14 Sep 2018 22:33

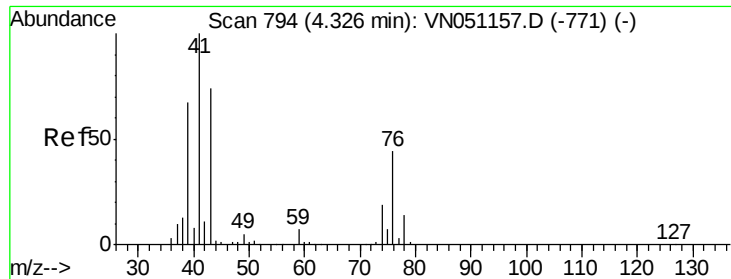
Tgt Ion: 76 Resp: 1465

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

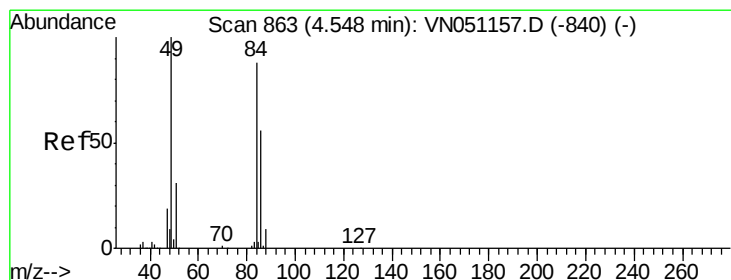
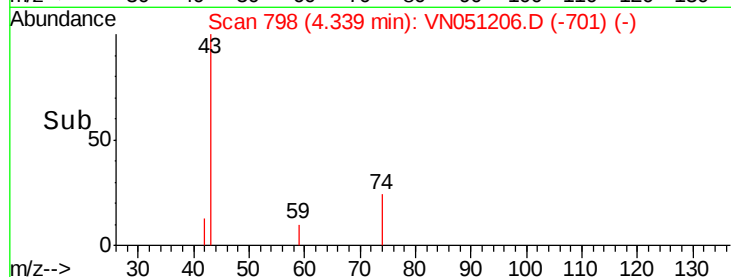
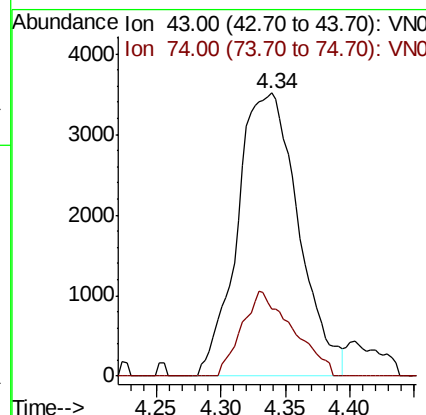
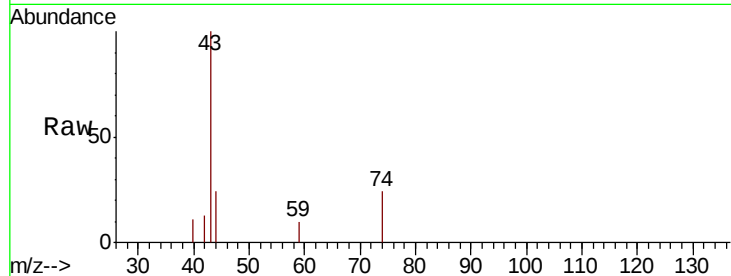




#18
Methyl Acetate
Concen: 2.44 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

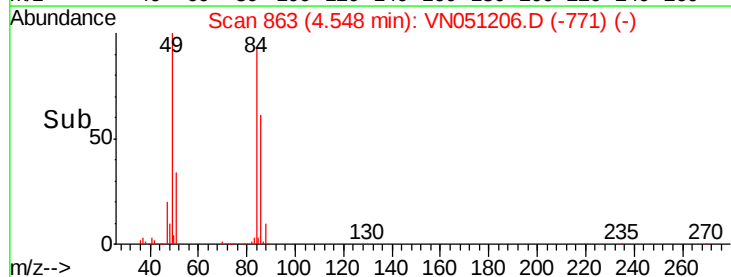
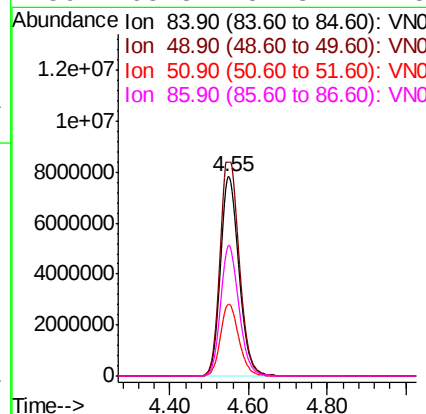
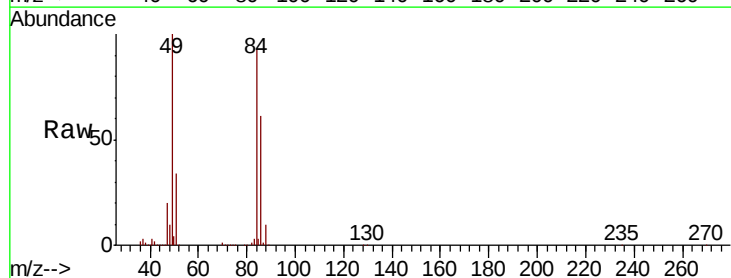
Instrument :
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ClientSampleId :
SP-PIT-3

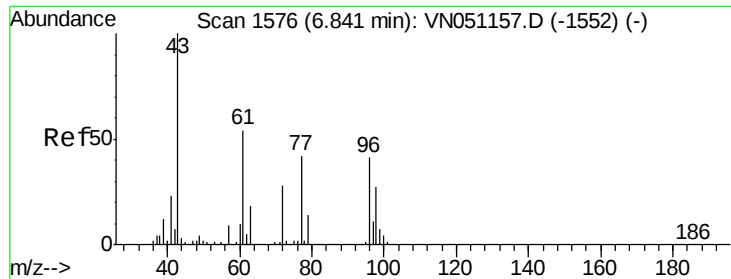
Tot Ion: 43 Resp: 11582
Ion Ratio Lower Upper
43 100
74 25.2 20.7 31.1



#20
Methylene Chloride
Concen: 3856.55 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

Tgt Ion: 84 Resp: 25284824
Ion Ratio Lower Upper
84 100
49 107.0 90.2 135.2
51 36.2 28.4 42.6
86 65.3 51.8 77.8





#25

2-Butanone

Concen: 4.02 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampleId :

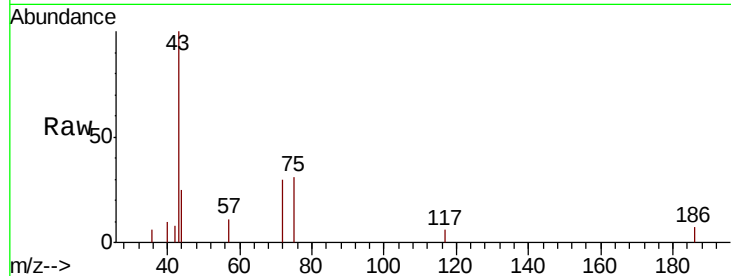
SP-PIT-3

Tot Ion: 43 Resp: 9375

Ion Ratio Lower Upper

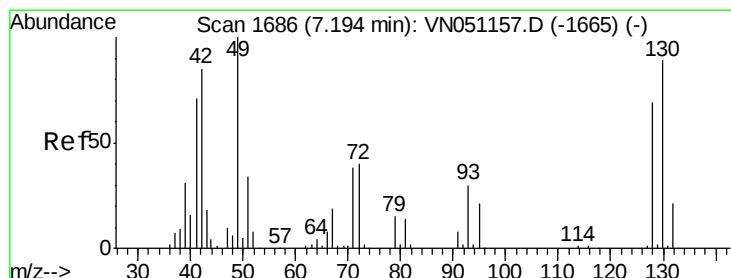
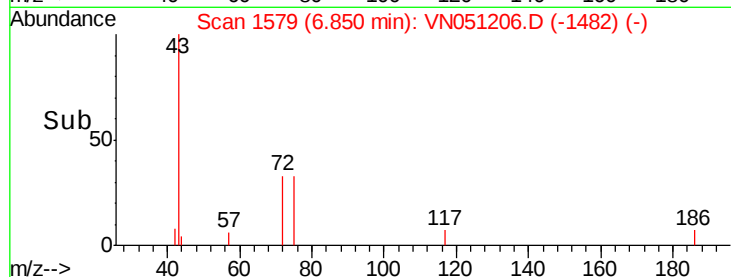
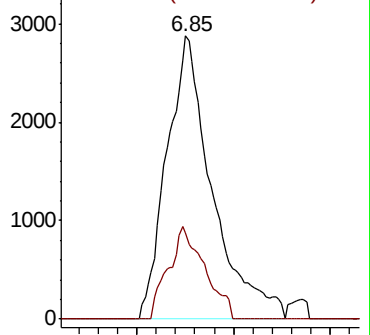
43 100

72 30.4 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1552) (-)

Ion 72.00 (71.70 to 72.70): VN051157.D (-1552) (-)



#28

Bromochloromethane

Concen: 3.82 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

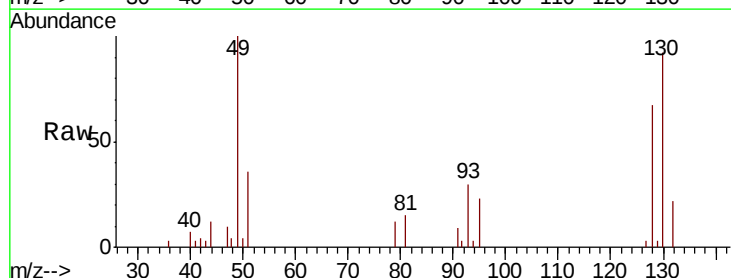
Tgt Ion: 49 Resp: 18539

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.4

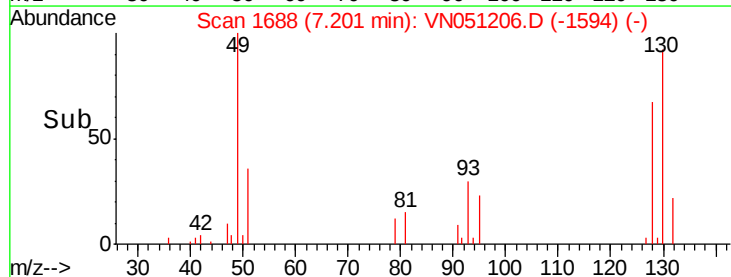
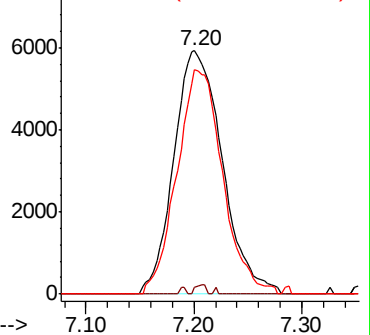
130 86.9 70.7 106.1

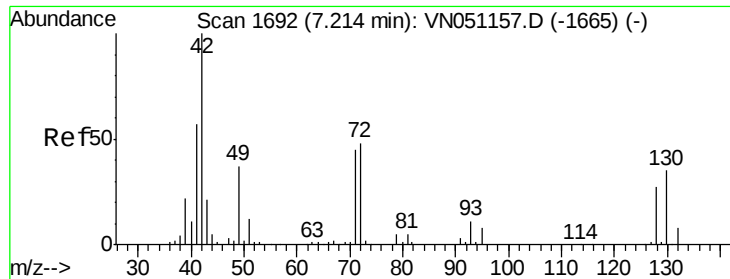


Abundance Ion 48.90 (48.60 to 49.60): VN051157.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN051157.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN051157.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 0.89 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampleId :

SP-PIT-3

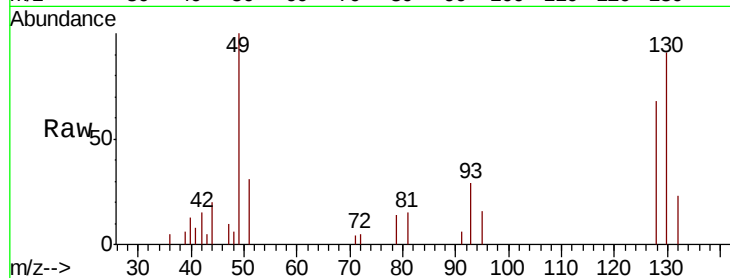
Tot Ion: 42 Resp: 1296

Ion Ratio Lower Upper

42 100

72 14.4 37.4 56.0#

71 16.2 34.7 52.1#

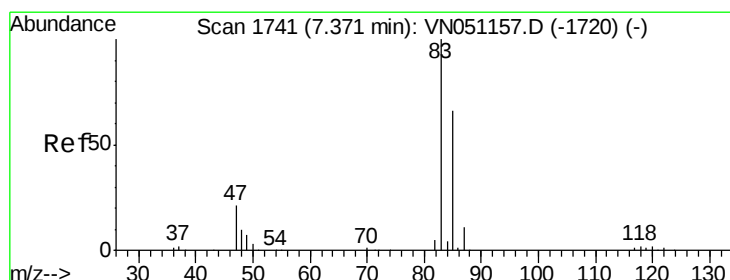
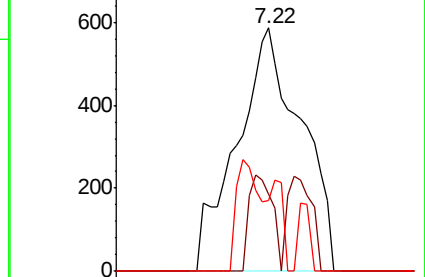
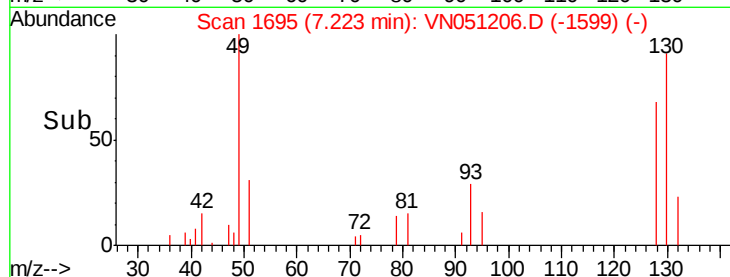


Abundance Ion 42.00 (41.70 to 42.70): VN051157.D (-1665) (-)

Ion 72.00 (71.70 to 72.70): VN051157.D (-1665) (-)

Ion 71.00 (70.70 to 71.70): VN051157.D (-1665) (-)

Time-->



#30

Chloroform

Concen: 0.86 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN051206.D

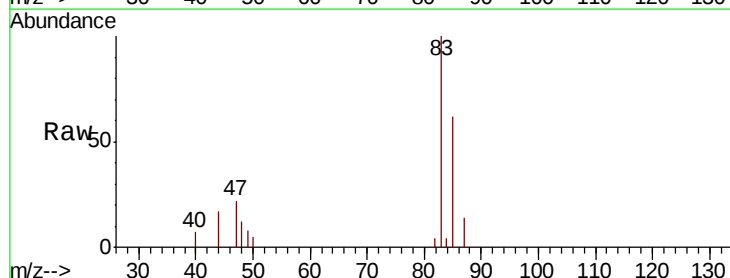
Acq: 14 Sep 2018 22:33

Tgt Ion: 83 Resp: 9335

Ion Ratio Lower Upper

83 100

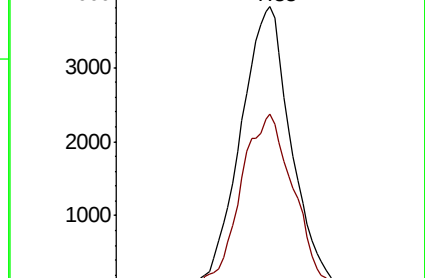
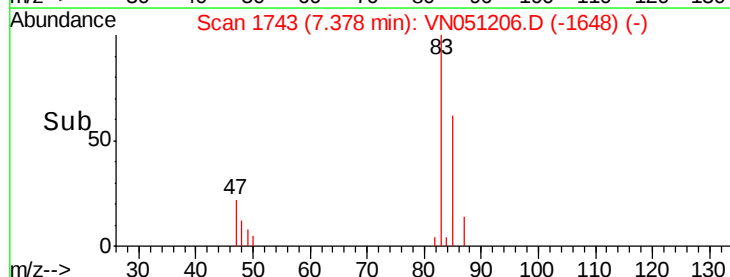
85 62.3 52.6 79.0

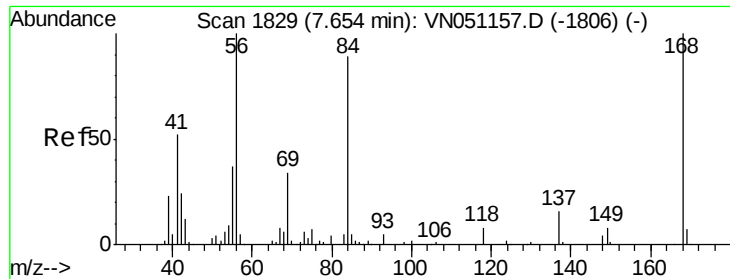


Abundance Ion 82.90 (82.60 to 83.60): VN051157.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN051157.D (-1720) (-)

Time-->

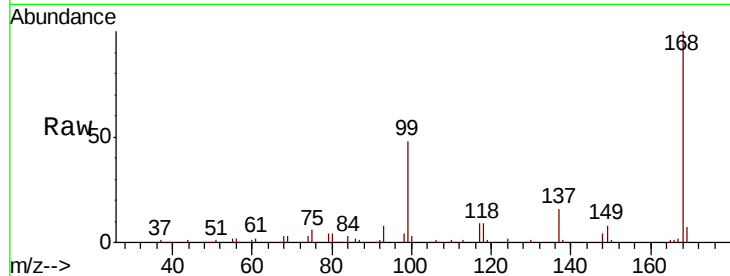




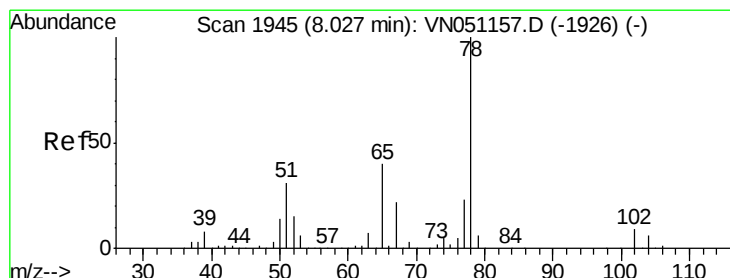
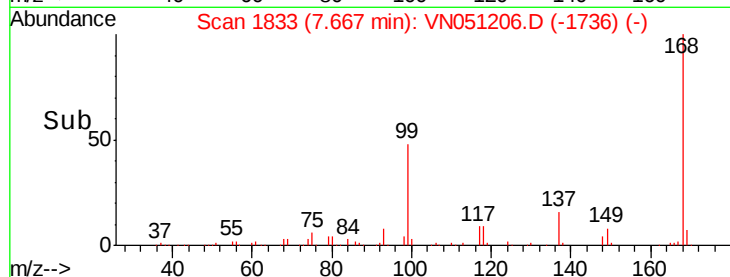
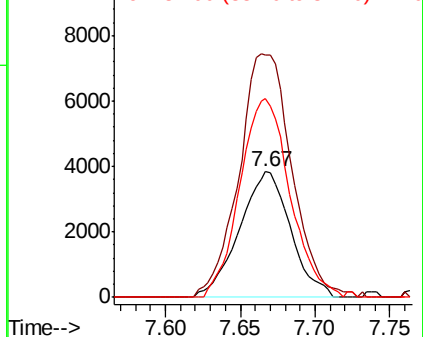
#31
Cyclohexane
Concen: 0.71 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

Instrument :
MSVOA_N
ClientSampleId :
SP-PIT-3

Tot Ion: 56 Resp: 9142
Ion Ratio Lower Upper
56 100
69 193.1 26.3 39.5#
84 158.9 69.4 104.0#

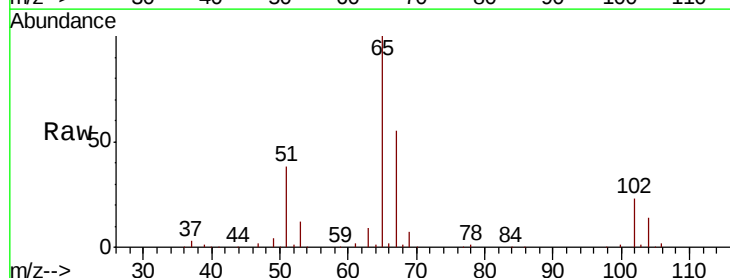


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

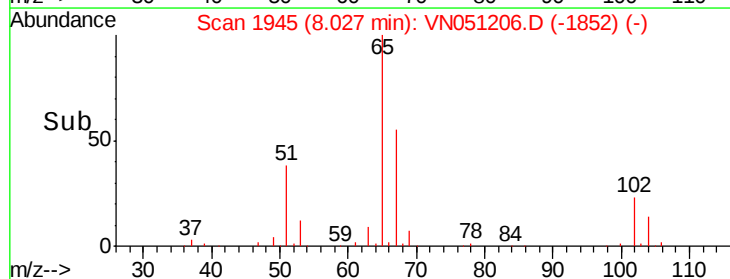
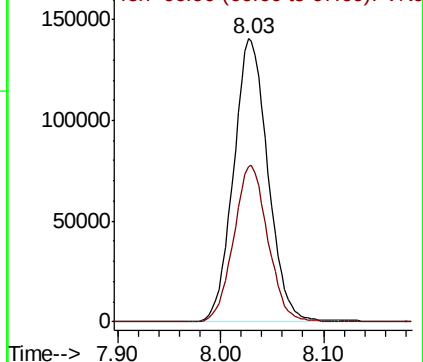


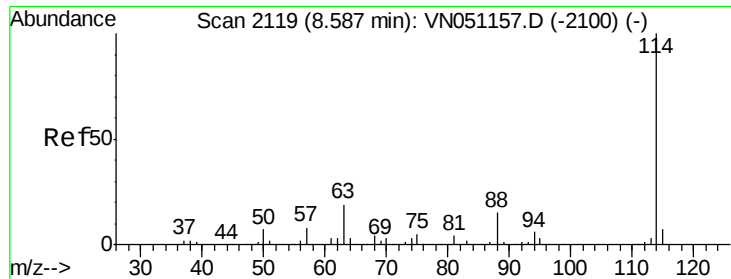
#33
1,2-Dichloroethane-d4
Concen: 54.96 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

Tgt Ion: 65 Resp: 326199
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.0



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

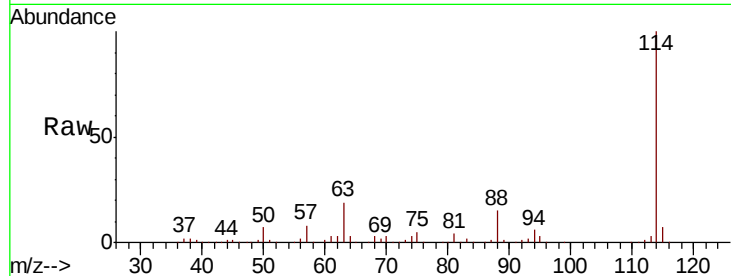




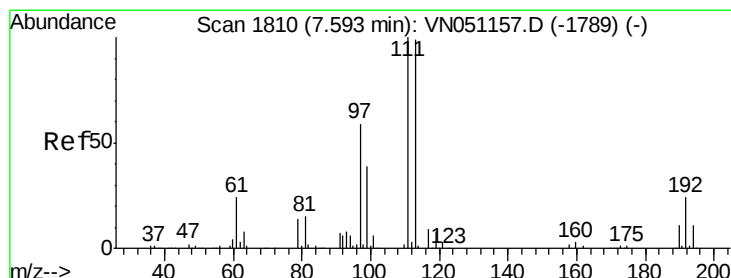
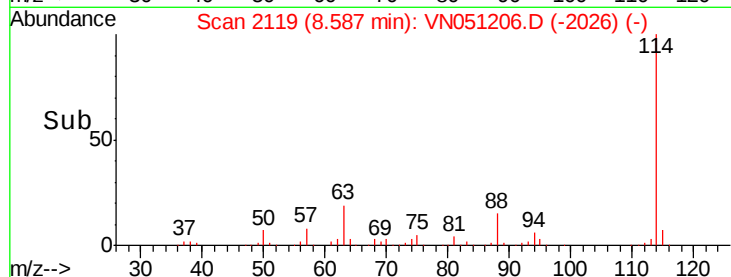
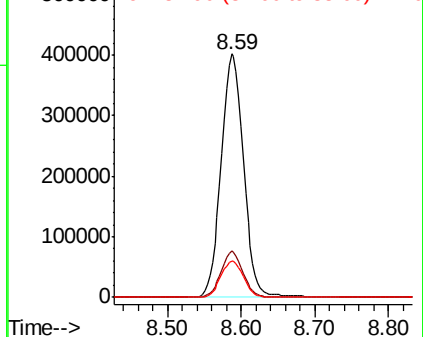
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

Instrument :
 MSVOA_N
 ClientSampled :
 SP-PIT-3

Tot Ion:114 Resp: 852739
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.1 0.0 30.8

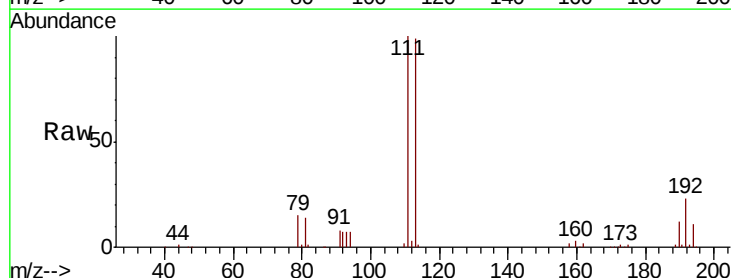


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

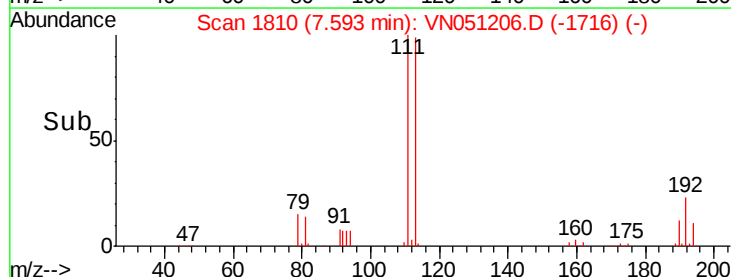
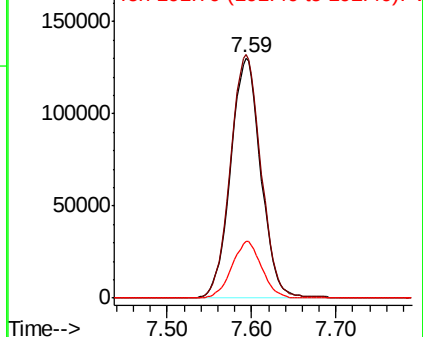


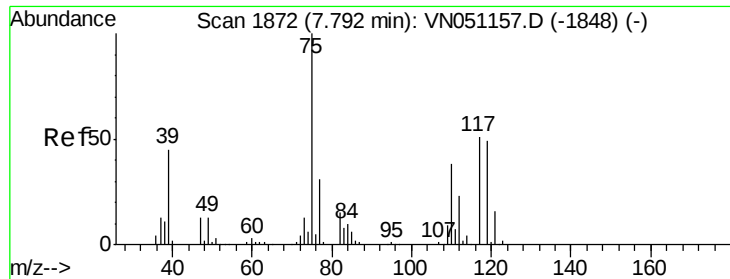
#35
 Dibromofluoromethane
 Concen: 50.70 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

Tgt Ion:113 Resp: 324849
 Ion Ratio Lower Upper
 113 100
 111 102.8 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

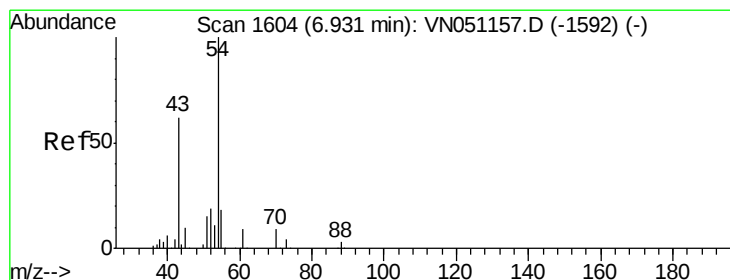
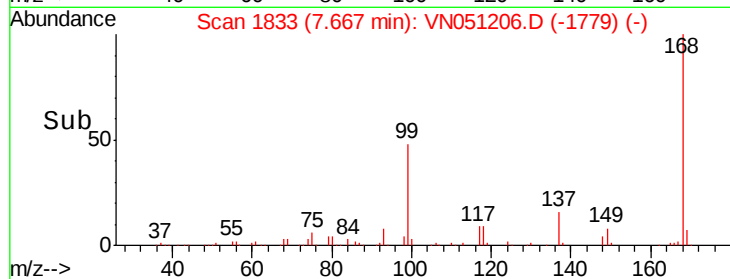
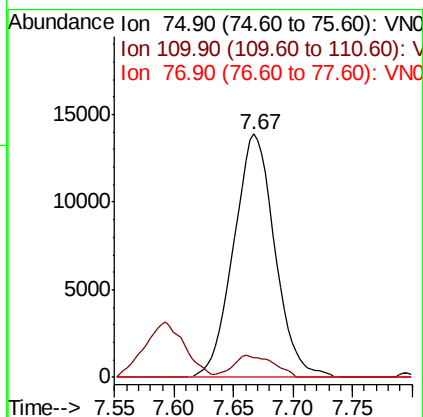
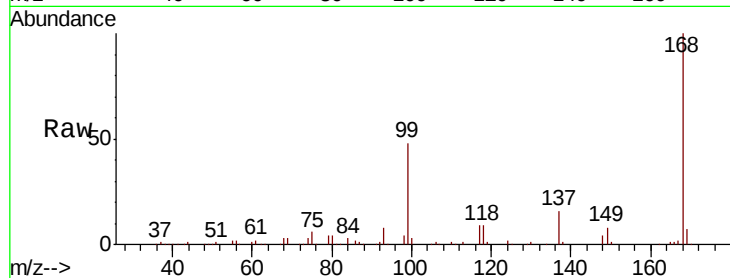




#36
 1,1-Dichloropropene
 Concen: 3.56 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

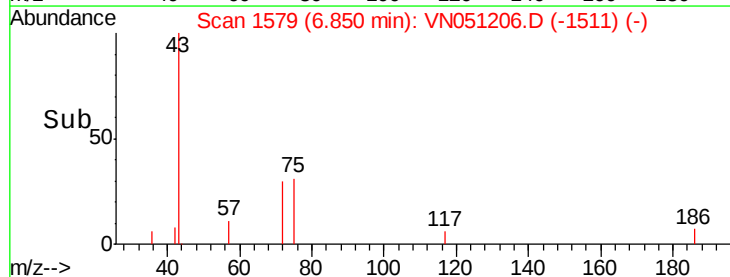
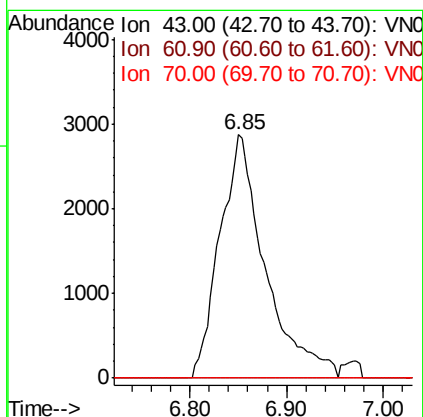
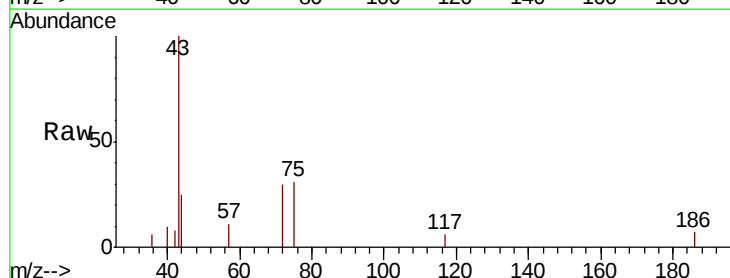
Instrument :
 MSVOA_N
 ClientSampled :
 SP-PIT-3

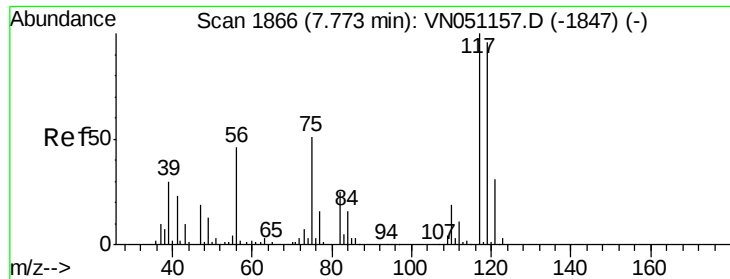
Tot Ion: 75 Resp: 33332
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 55.8#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 1.73 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. -0.08 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

Tgt Ion: 43 Resp: 9375
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.4 18.6#
 70 0.0 9.3 13.9#

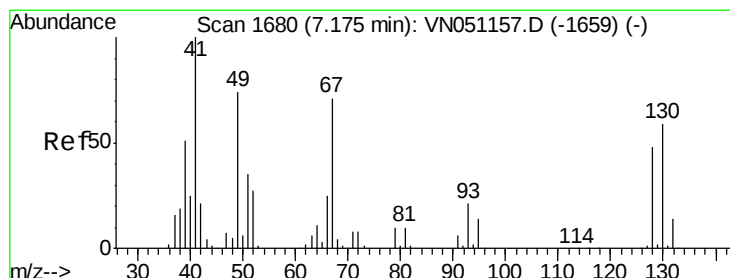
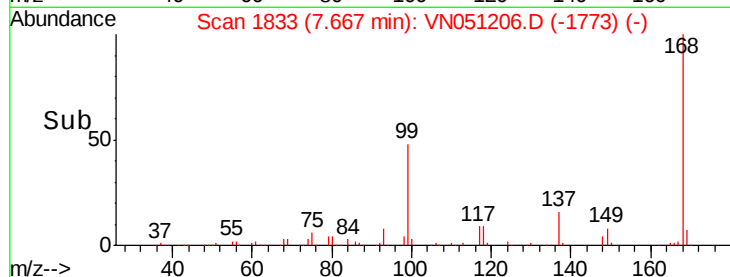
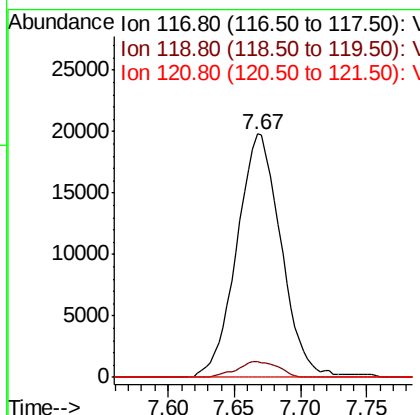
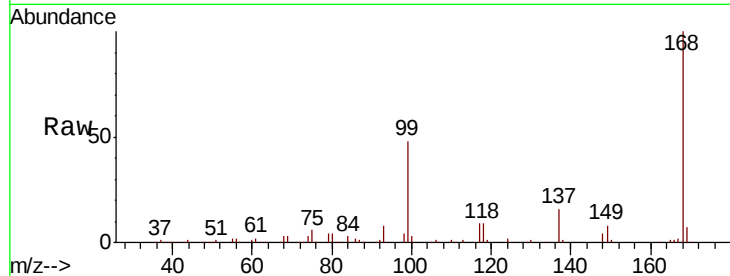




#38
Carbon Tetrachloride
Concen: 4.98 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

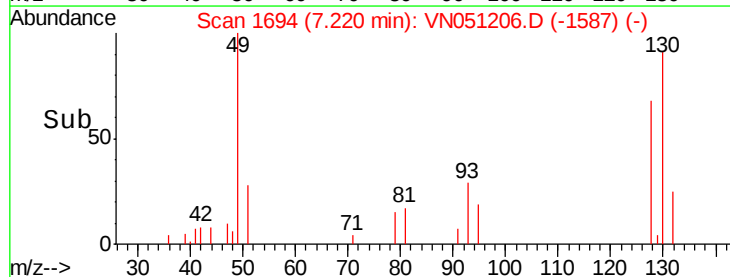
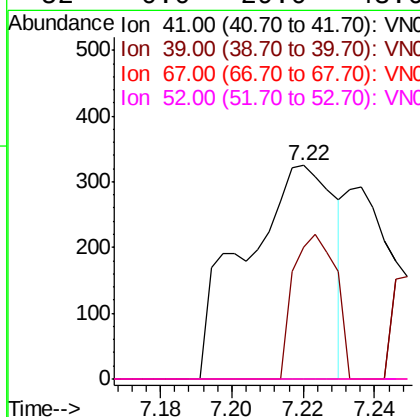
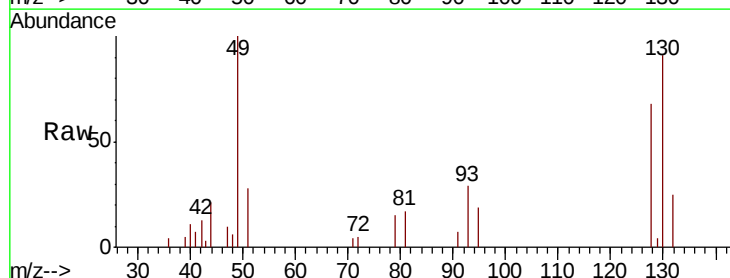
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-3

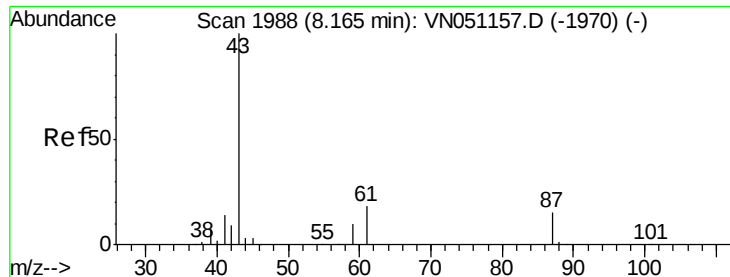
Tot Ion:117 Resp: 45873
Ion Ratio Lower Upper
117 100
119 6.3 76.8 115.2#
121 0.0 24.6 36.8#



#41
Methacrylonitrile
Concen: 0.20 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.04 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

Tgt Ion: 41 Resp: 566
Ion Ratio Lower Upper
41 100
39 32.0 51.3 76.9#
67 0.0 78.5 117.7#
52 0.0 29.0 43.6#





#43

Isopropyl Acetate

Concen: 26.07 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-3

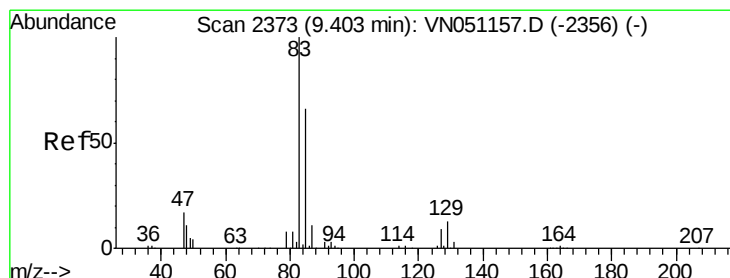
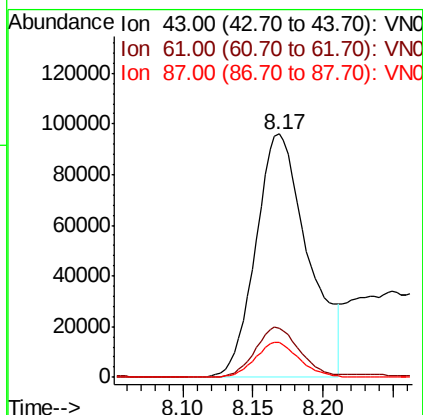
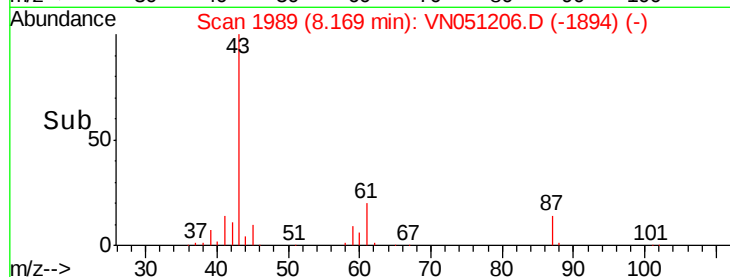
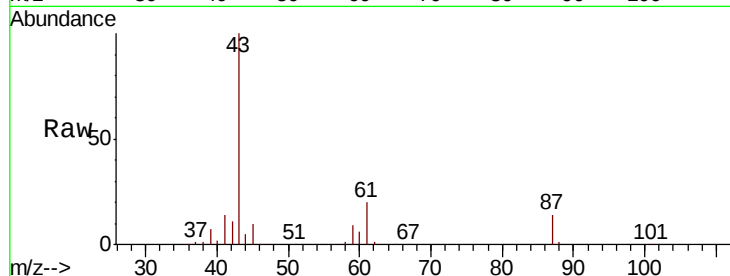
Tot Ion: 43 Resp: 249403

Ion Ratio Lower Upper

43 100

61 17.9 25.0 37.6#

87 12.1 11.8 17.8



#47

Bromodichloromethane

Concen: 0.38 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

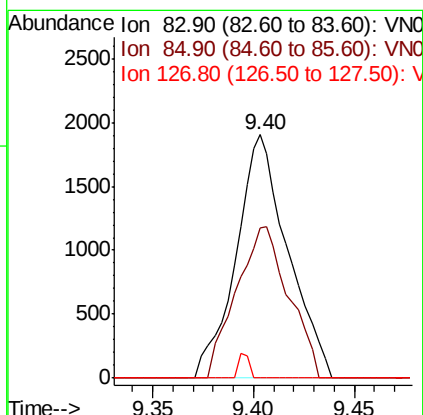
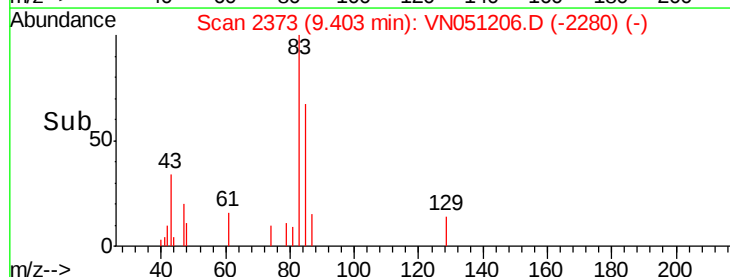
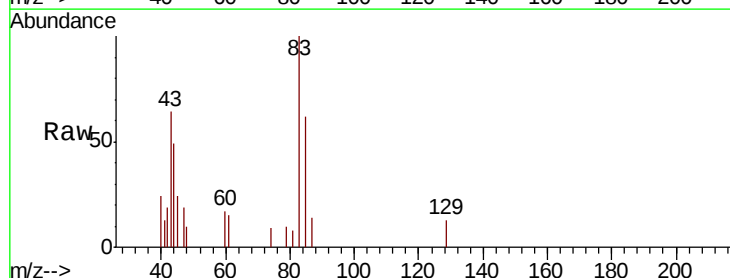
Tgt Ion: 83 Resp: 3397

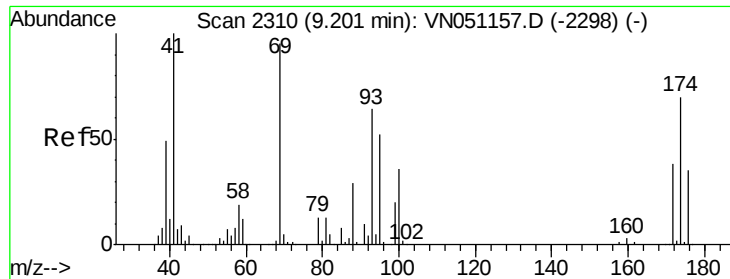
Ion Ratio Lower Upper

83 100

85 61.8 52.3 78.5

127 0.0 7.5 11.3#

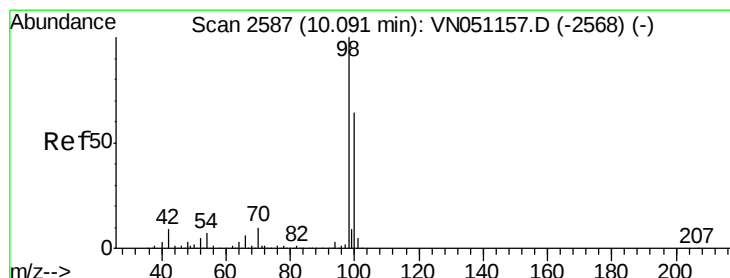
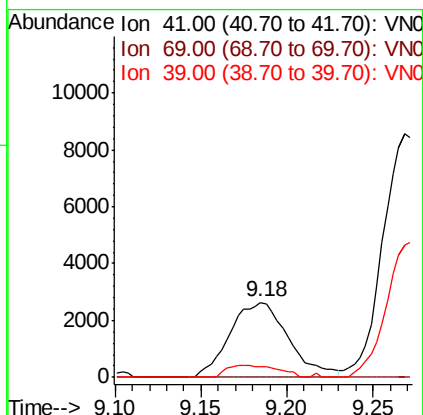
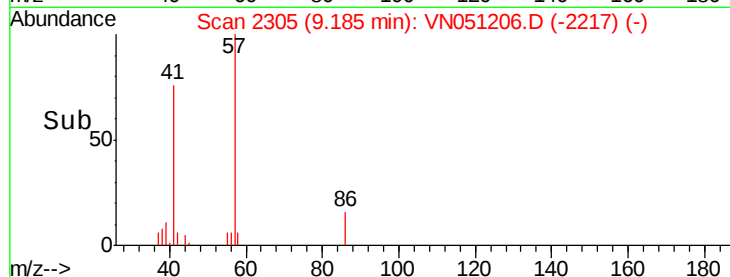
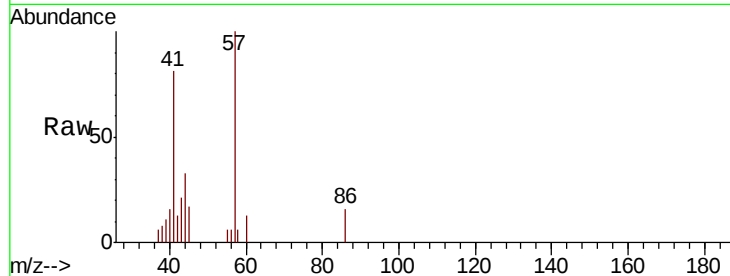




#48
Methvl methacrylate
Concen: 1.34 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

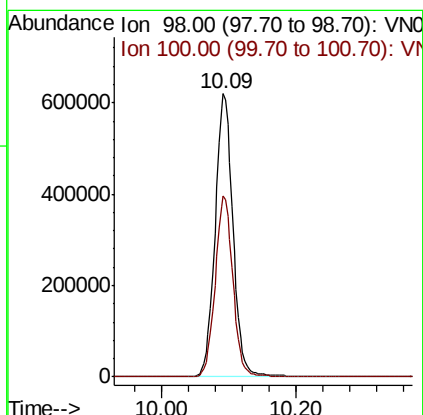
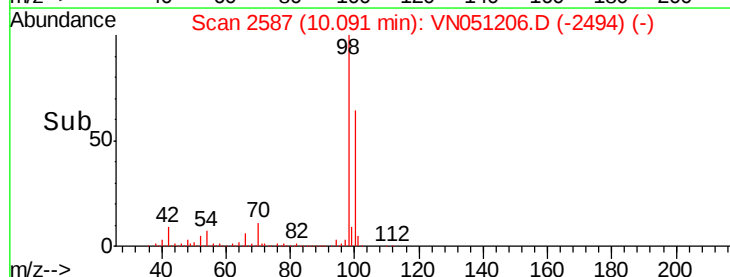
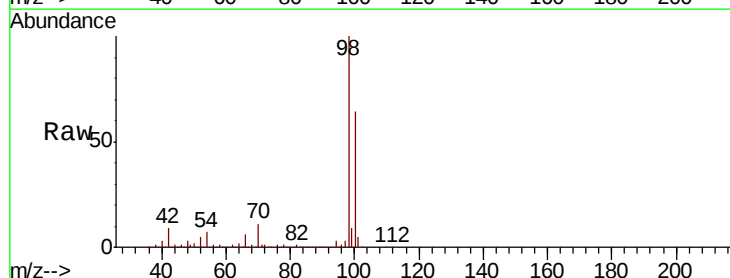
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-3

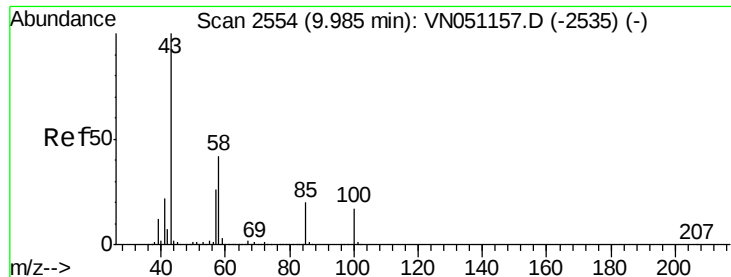
Tot Ion: 41 Resp: 6246
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 13.9 41.6 62.4#



#50
Toluene-d8
Concen: 47.19 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

Tgt Ion: 98 Resp: 1147416
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.52 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

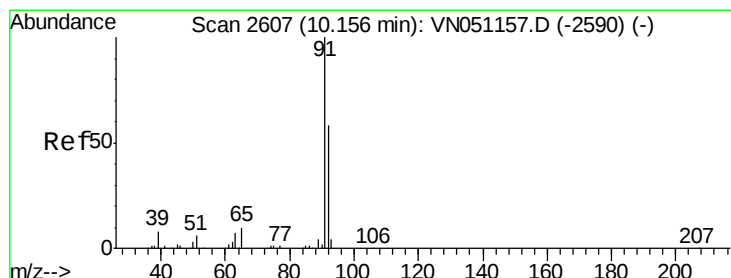
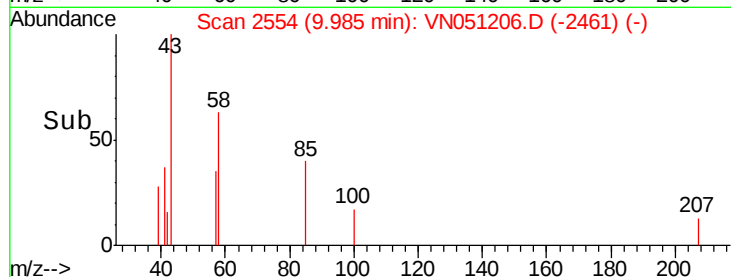
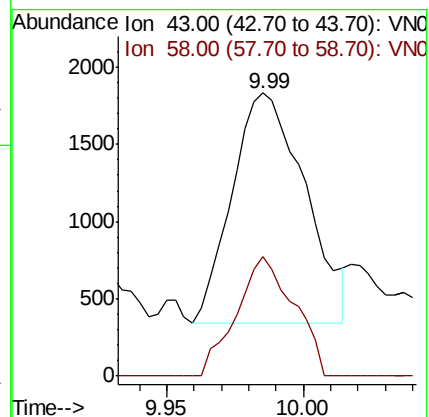
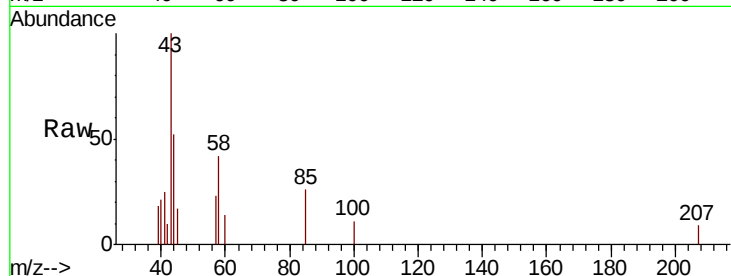
SP-PIT-3

Tot Ion: 43 Resp: 2759

Ion Ratio Lower Upper

43 100

58 41.0 33.5 50.3



#52

Toluene

Concen: 0.41 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051206.D

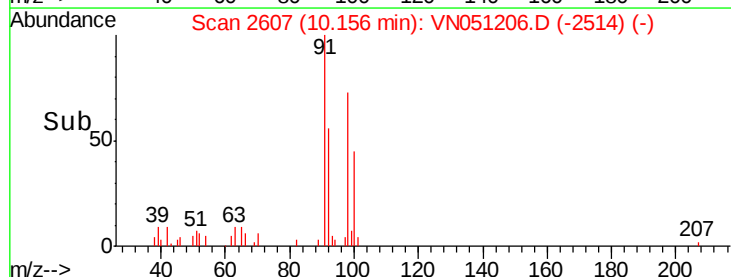
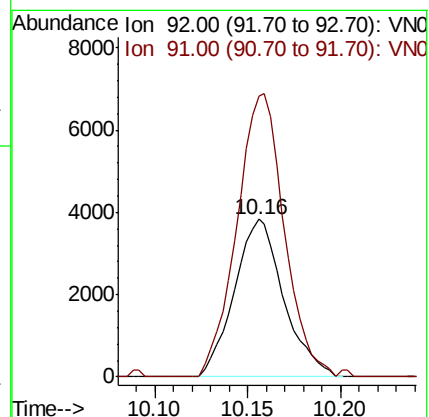
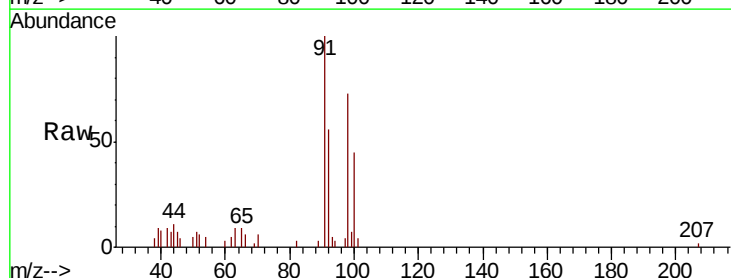
Acq: 14 Sep 2018 22:33

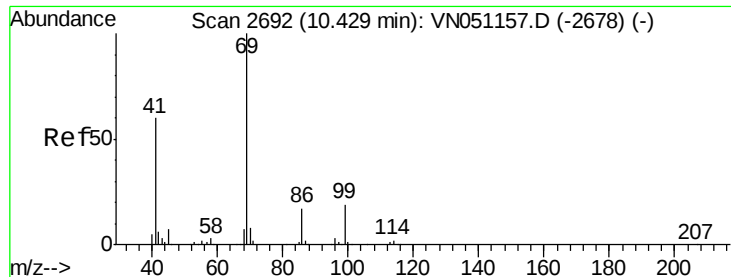
Tgt Ion: 92 Resp: 7067

Ion Ratio Lower Upper

92 100

91 173.2 139.5 209.3





#56

Ethyl methacrylate

Concen: 2.66 ug/l

RT: 10.24 min Scan# 2632

Delta R.T. -0.19 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-3

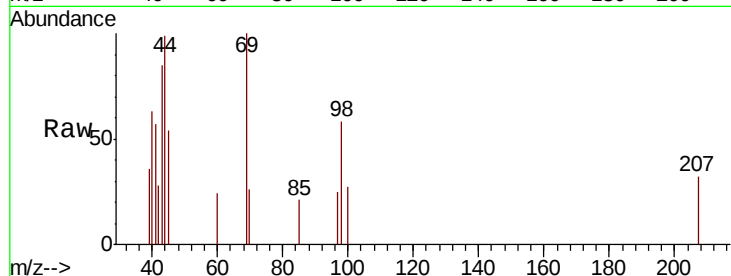
Tot Ion: 69 Resp: 1785

Ion Ratio Lower Upper

69 100

41 20.1 47.8 71.8#

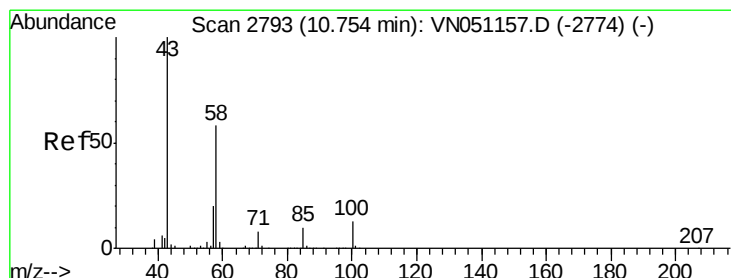
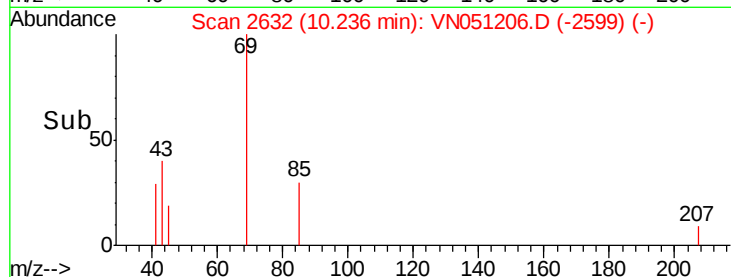
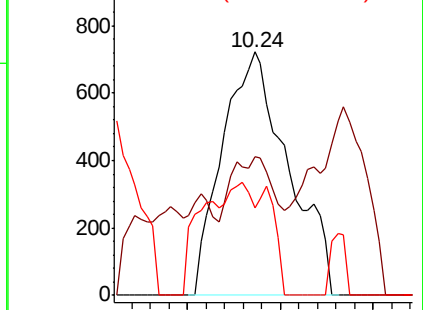
39 3.7 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN051157.D (-2678) (-)

Ion 41.00 (40.70 to 41.70): VN051157.D (-2678) (-)

Ion 39.00 (38.70 to 39.70): VN051157.D (-2678) (-)



#59

2-Hexanone

Concen: 3.43 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN051206.D

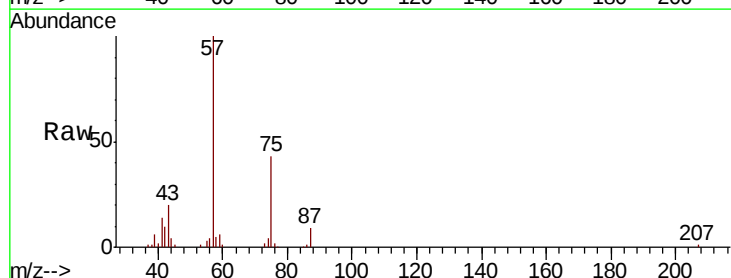
Acq: 14 Sep 2018 22:33

Tgt Ion: 43 Resp: 12304

Ion Ratio Lower Upper

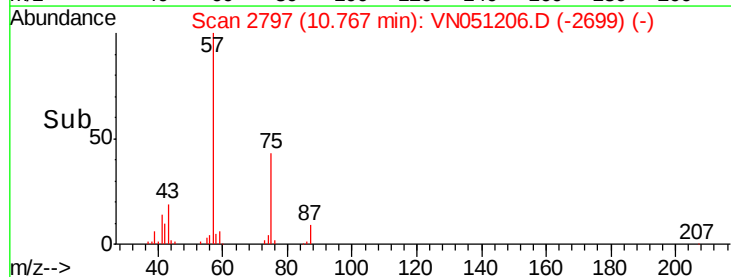
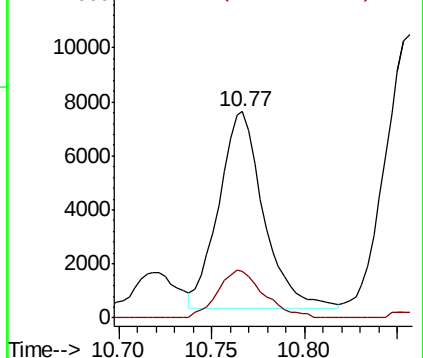
43 100

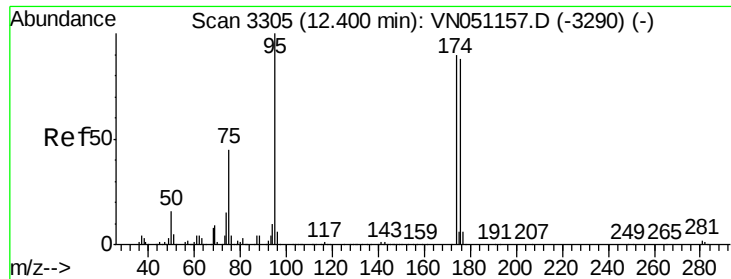
58 24.9 29.3 88.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-2774) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-2774) (-)





#62

4-Bromofluorobenzene

Concen: 37.32 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-3

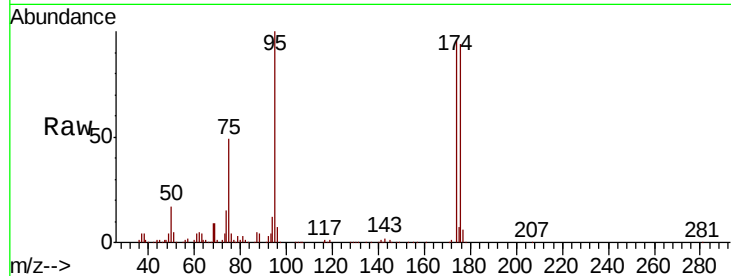
Tot Ion: 95 Resp: 300149

Ion Ratio Lower Upper

95 100

174 95.3 0.0 184.8

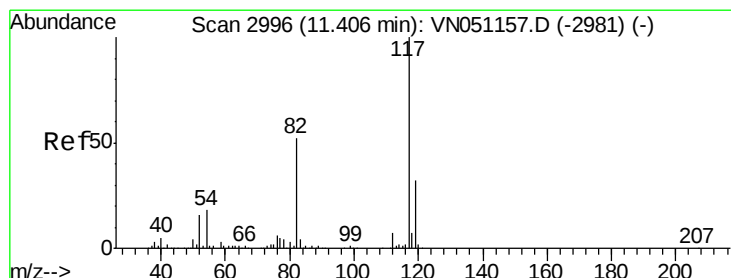
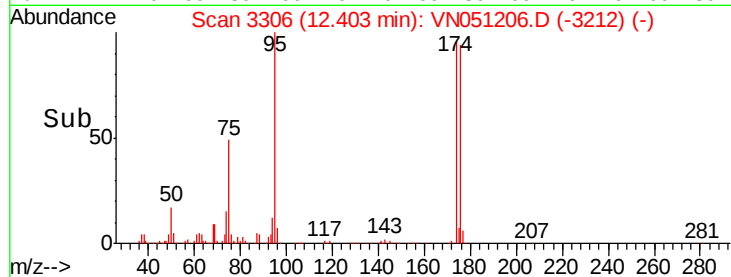
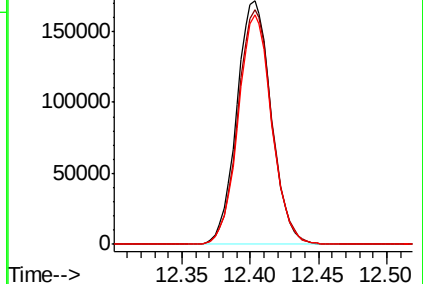
176 91.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

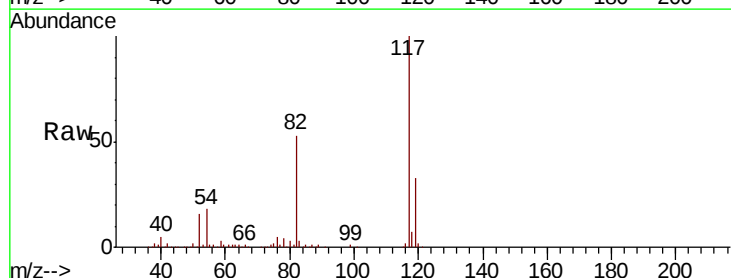
Tgt Ion: 117 Resp: 719512

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.6

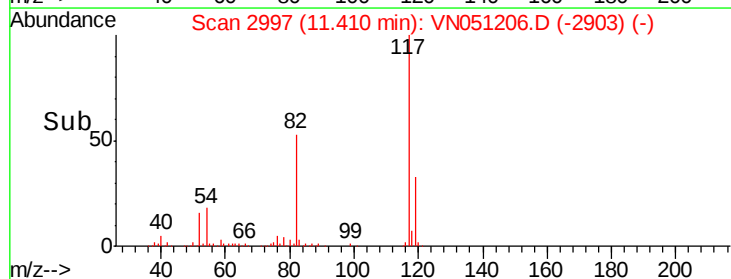
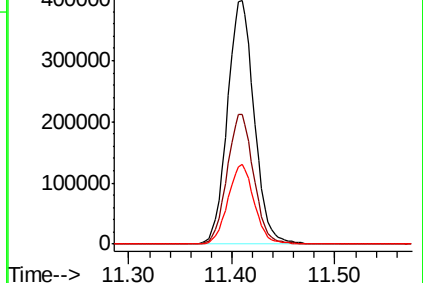
119 32.6 26.2 39.2

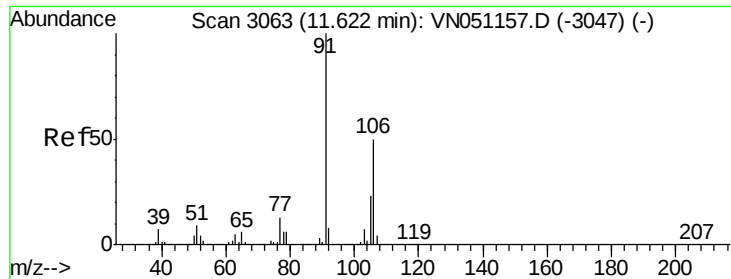


Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051157.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051157.D (-2981) (-)

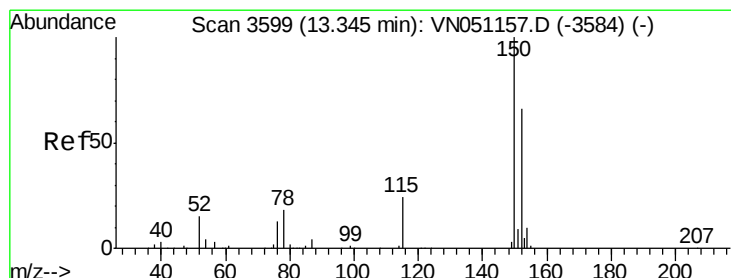
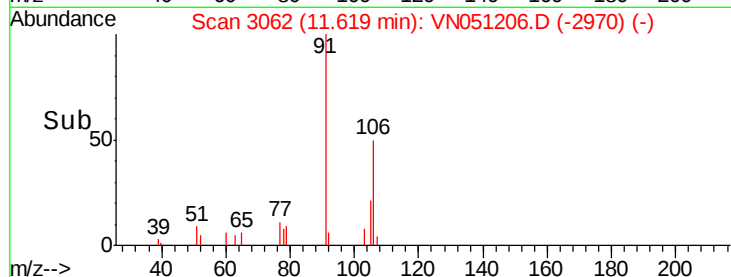
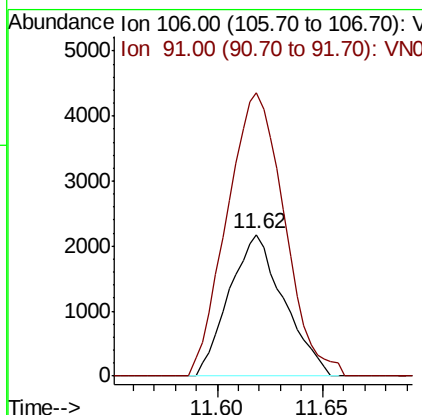
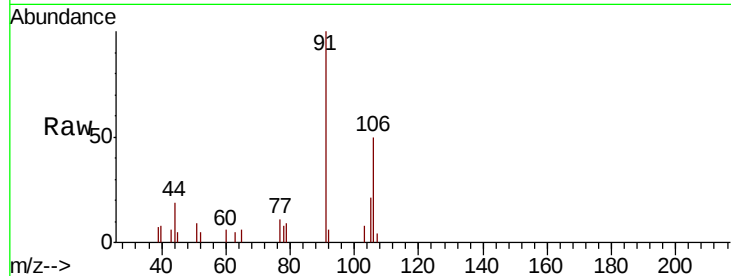




#68
m/p-Xvlenes
Concen: 0.35 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

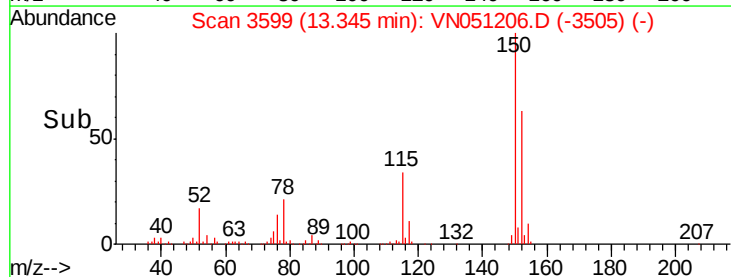
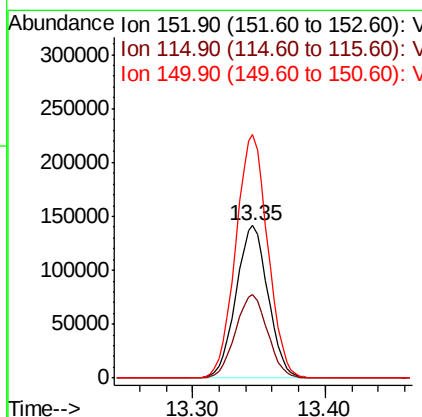
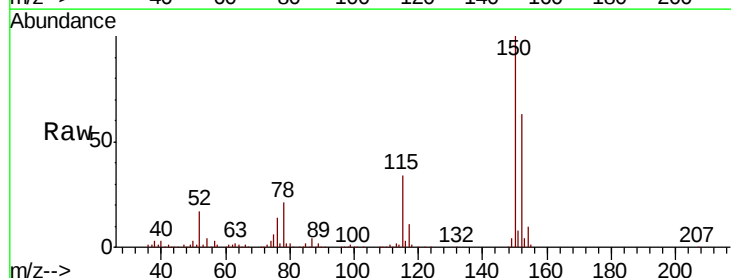
Instrument :
MSVOA_N
ClientSampled :
SP-PIT-3

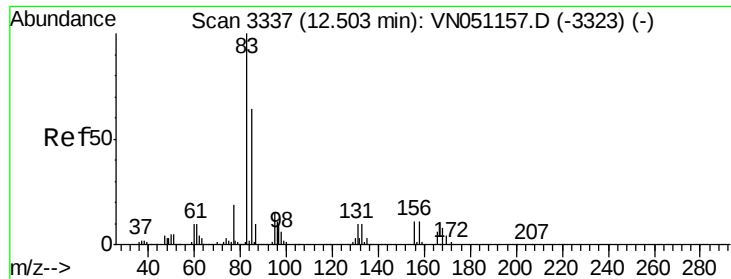
Tot Ion:106 Resp: 3915
Ion Ratio Lower Upper
106 100
91 210.4 159.8 239.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051206.D
Acq: 14 Sep 2018 22:33

Tgt Ion:152 Resp: 237201
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 159.2 0.0 349.0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

SP-PIT-3

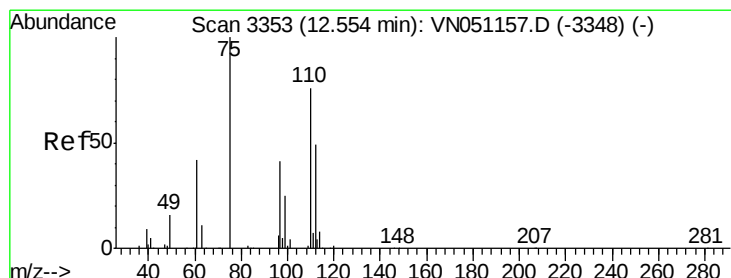
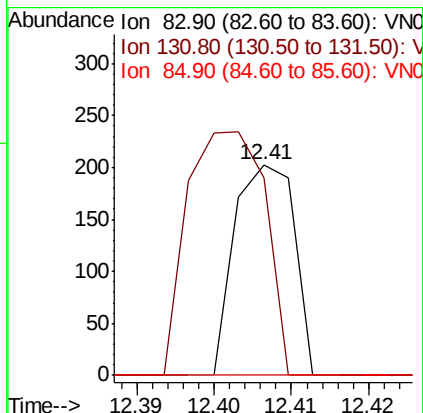
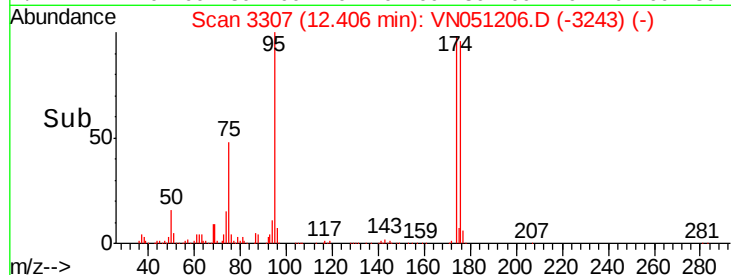
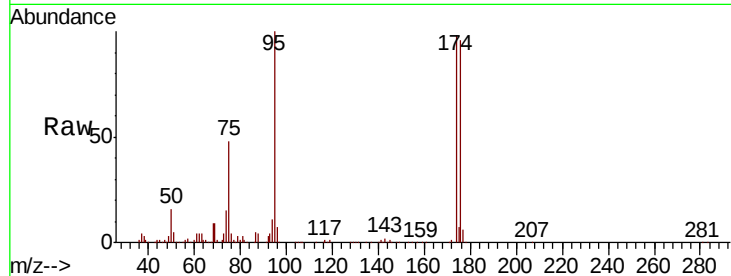
Tot Ion: 83 Resp: 109

Ion Ratio Lower Upper

83 100

131 149.5 5.3 16.1#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 38.07 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051206.D

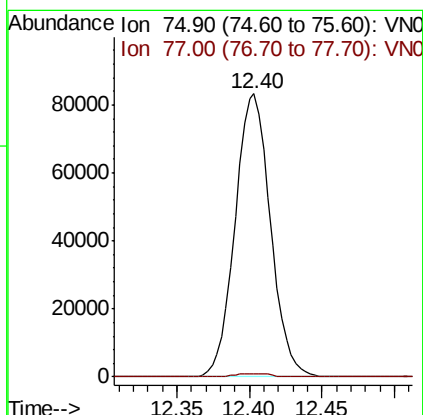
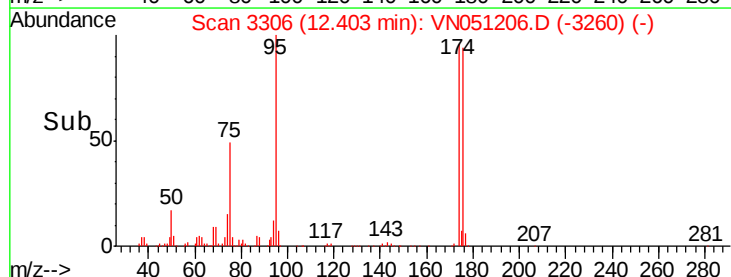
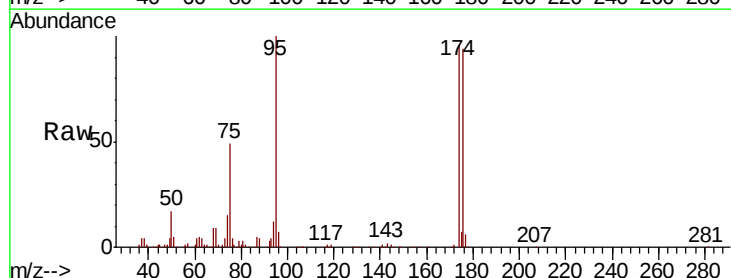
Acq: 14 Sep 2018 22:33

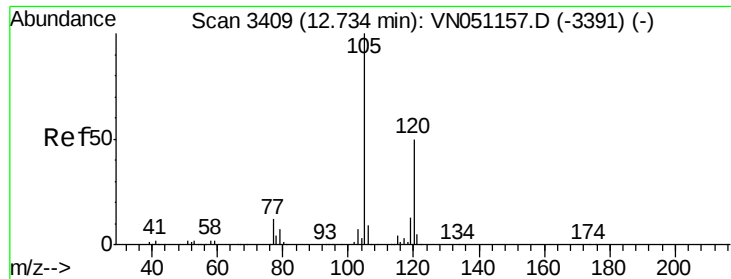
Tgt Ion: 75 Resp: 141291

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

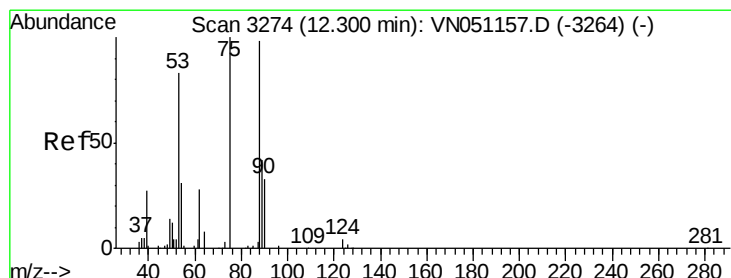
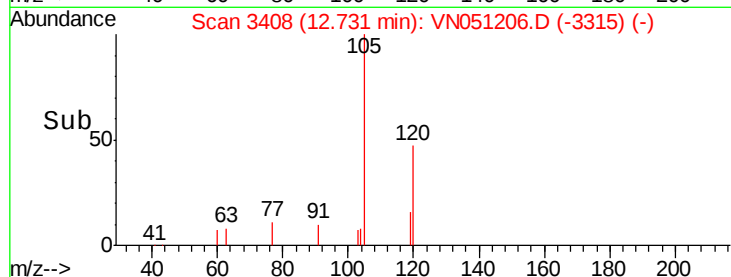
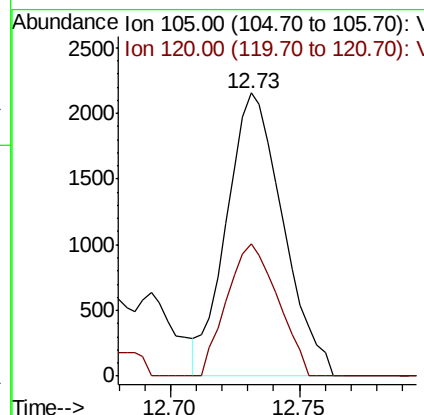
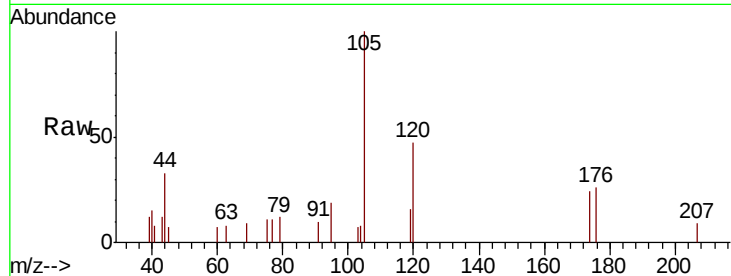




#80
 1,3,5-Trimethylbenzene
 Concen: 0.20 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

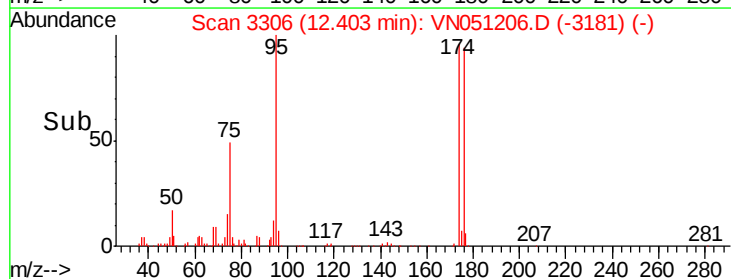
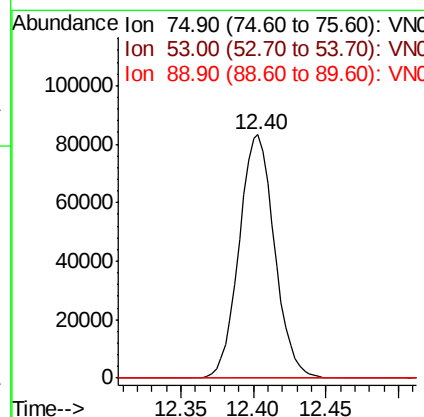
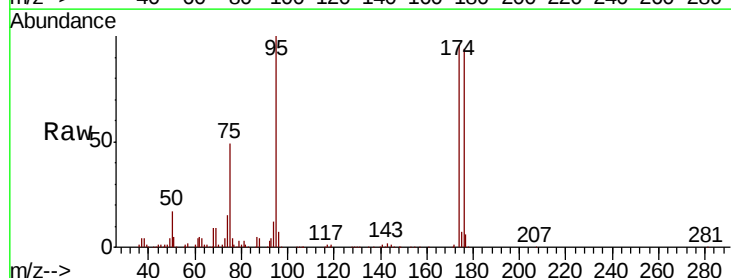
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-3

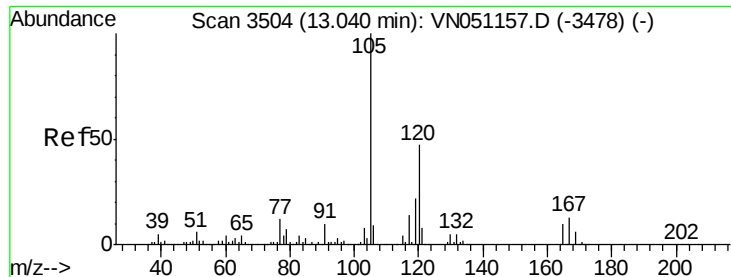
Tot Ion:105 Resp: 3287
 Ion Ratio Lower Upper
 105 100
 120 42.2 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.13 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

Tgt Ion: 75 Resp: 141291
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.8 101.8#
 89 0.0 36.0 54.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.37 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051206.D

Acq: 14 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

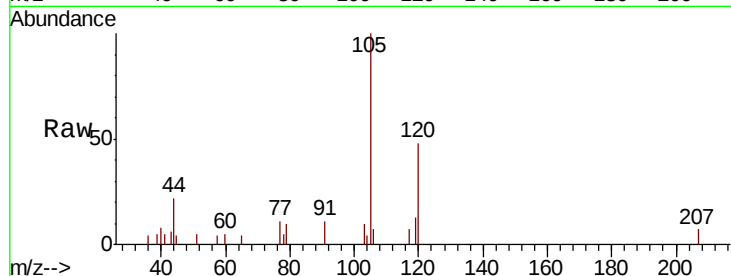
SP-PIT-3

Tot Ion:105 Resp: 5824

Ion Ratio Lower Upper

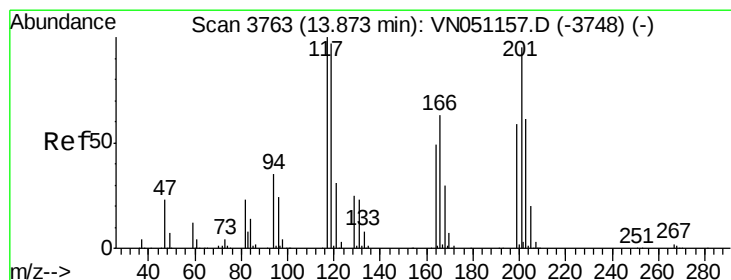
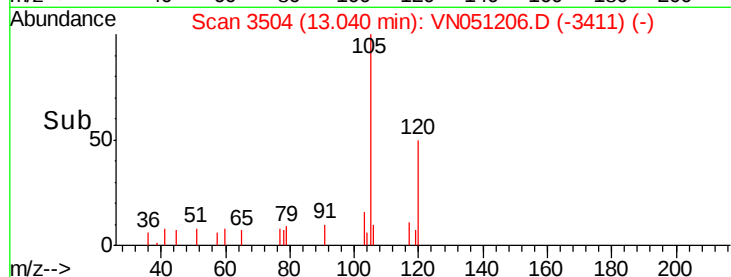
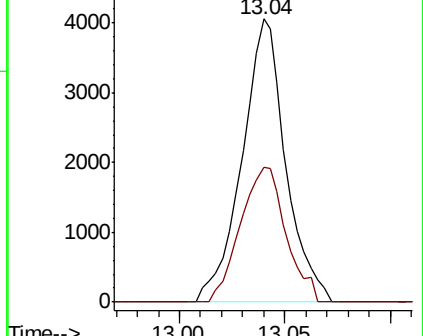
105 100

120 49.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN051206.D

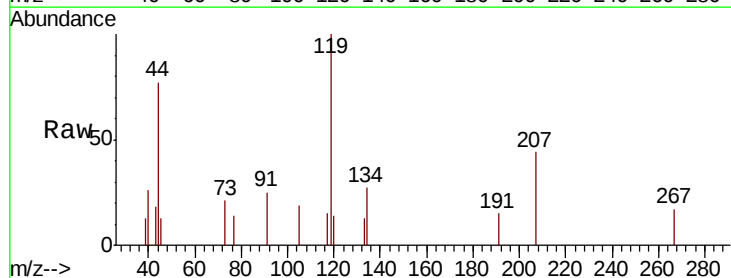
Acq: 14 Sep 2018 22:33

Tgt Ion:117 Resp: 168

Ion Ratio Lower Upper

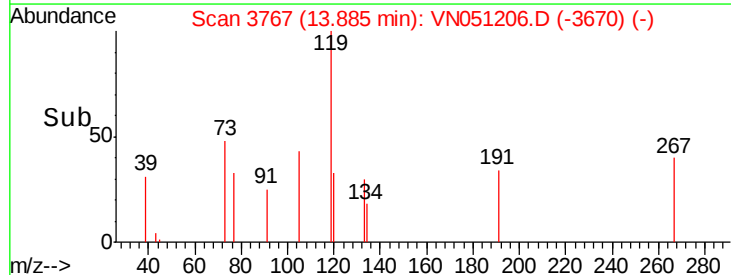
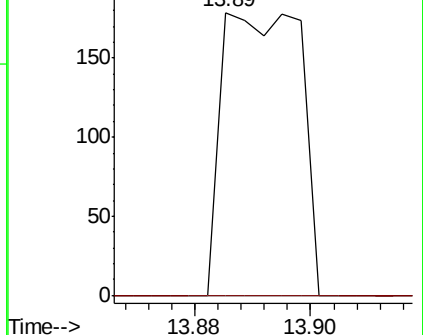
117 100

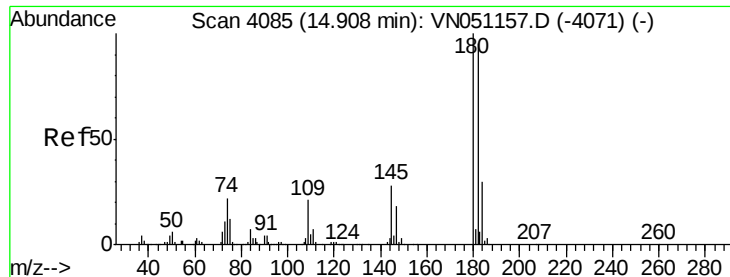
201 0.0 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

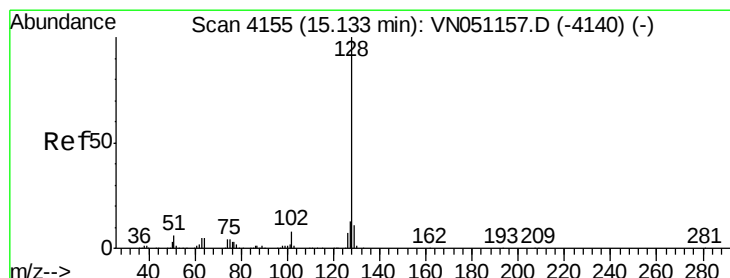
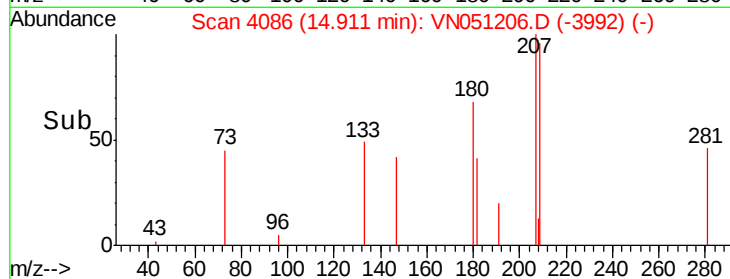
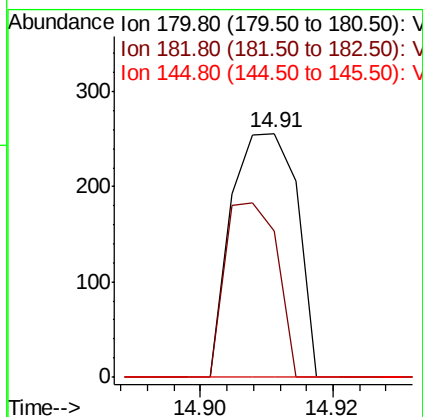
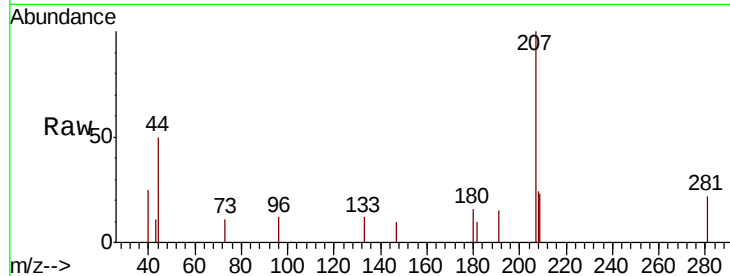




#93
 1,2,4-Trichlorobenzene
 Concen: 4.02 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

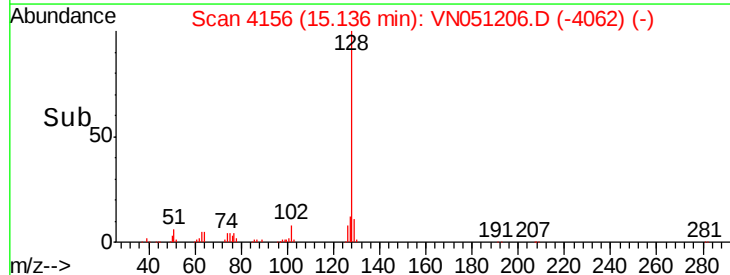
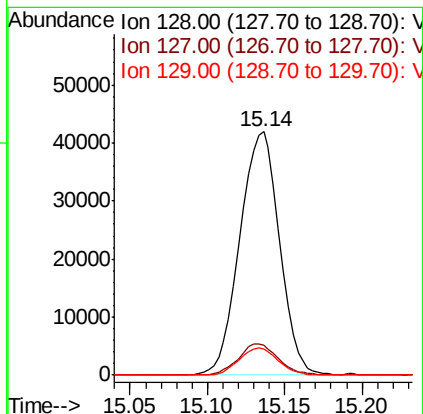
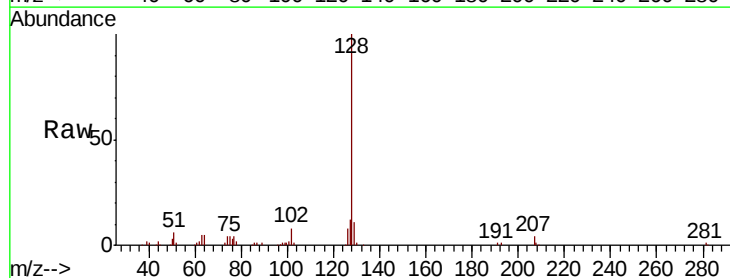
Instrument :
 MSVOA_N
 ClientSampled :
 SP-PIT-3

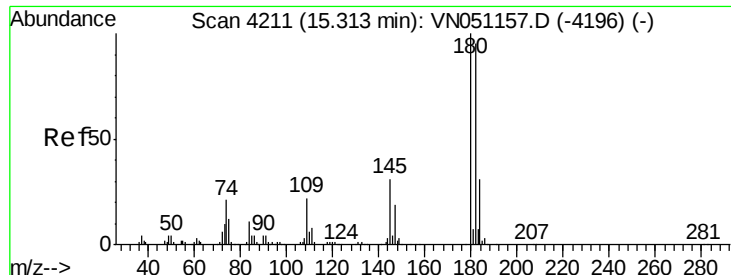
Tot Ion:180 Resp: 175
 Ion Ratio Lower Upper
 180 100
 182 57.1 47.3 141.8
 145 0.0 14.2 42.6#



#95
 Naphthalene
 Concen: 12.83 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

Tgt Ion:128 Resp: 74816
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.6 15.8
 129 10.9 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 2.99 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN051206.D
 Acq: 14 Sep 2018 22:33

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-PIT-3

Tot Ion	Ratio	Lower	Upper
180	100		
182	37.9	47.8	143.3#
145	0.0	14.6	43.8#

