

Data File : VN051915.D
Acq On : 18 Oct 2018 14:41
Operator : MD\SY
Sample : PB113908TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB113908TB

Quant Time: Oct 19 06:47:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1020587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1462974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1281348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	441813	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	545748	57.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.36%	
35) Dibromofluoromethane	7.59	113	545031	58.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.22%	
50) Toluene-d8	10.09	98	1986548	58.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.38%	
62) 4-Bromofluorobenzene	12.40	95	558743	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds					Qvalue	
5) Bromomethane	2.57	94	2716	Below Cal	#	64
10) Methyl Iodide	3.95	142	1334	3.399	ug/l #	72
13) Acrolein	3.60	56	65	Below Cal	#	14
15) Acrylonitrile	5.02	53	574	0.284	ug/l #	20
16) Acetone	3.82	43	4868	2.906	ug/l	98
17) Carbon Disulfide	4.05	76	5041	0.275	ug/l #	93
18) Methyl Acetate	4.33	43	7586	Below Cal	#	59
20) Methylene Chloride	4.56	84	14309	1.680	ug/l	96
25) 2-Butanone	6.84	43	798	0.333	ug/l #	41
29) Tetrahydrofuran	7.22	42	991	0.678	ug/l #	60
31) Cyclohexane	7.67	56	17761	Below Cal	#	48
36) 1,1-Dichloropropene	7.67	75	63166	5.563	ug/l #	47
37) Ethyl Acetate	6.95	43	186	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	90474	6.766	ug/l #	15
43) Isopropyl Acetate	8.17	43	269051	25.423	ug/l #	89
48) Methyl methacrylate	9.18	41	5243	1.144	ug/l #	14
51) 4-Methyl-2-Pentanone	9.99	43	1928	0.365	ug/l #	82
58) 2-Chloroethyl Vinyl ether	9.70	63	217	2.802	ug/l #	40
59) 2-Hexanone	10.76	43	18277	5.157	ug/l	61
60) Dibromochloromethane	10.63	129	939	2.133	ug/l #	11
71) Bromoform	12.40	173	4392	3.807	ug/l #	1
74) N-amyl acetate	12.08	43	2095	0.356	ug/l #	61
76) 1,2,3-Trichloropropane	12.40	75	280143	52.168	ug/l #	100
79) 2-Chlorotoluene	12.68	91	2567	Below Cal		84
80) 1,3,5-Trimethylbenzene	12.73	105	7328	0.265	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	280143	171.429	ug/l #	14
87) 1,3-Dichlorobenzene	13.28	146	3482	0.237	ug/l	96
88) 1,4-Dichlorobenzene	13.28	146	3482	0.242	ug/l	96
89) n-Butylbenzene	13.62	91	4260	0.205	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	3318	0.234	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	5042	4.708	ug/l	92
94) Hexachlorobutadiene	15.01	225	1423	0.316	ug/l #	58
95) Naphthalene	15.14	128	12841	4.877	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	4930	3.587	ug/l #	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Quantitation Report (Not Reviewed)

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QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

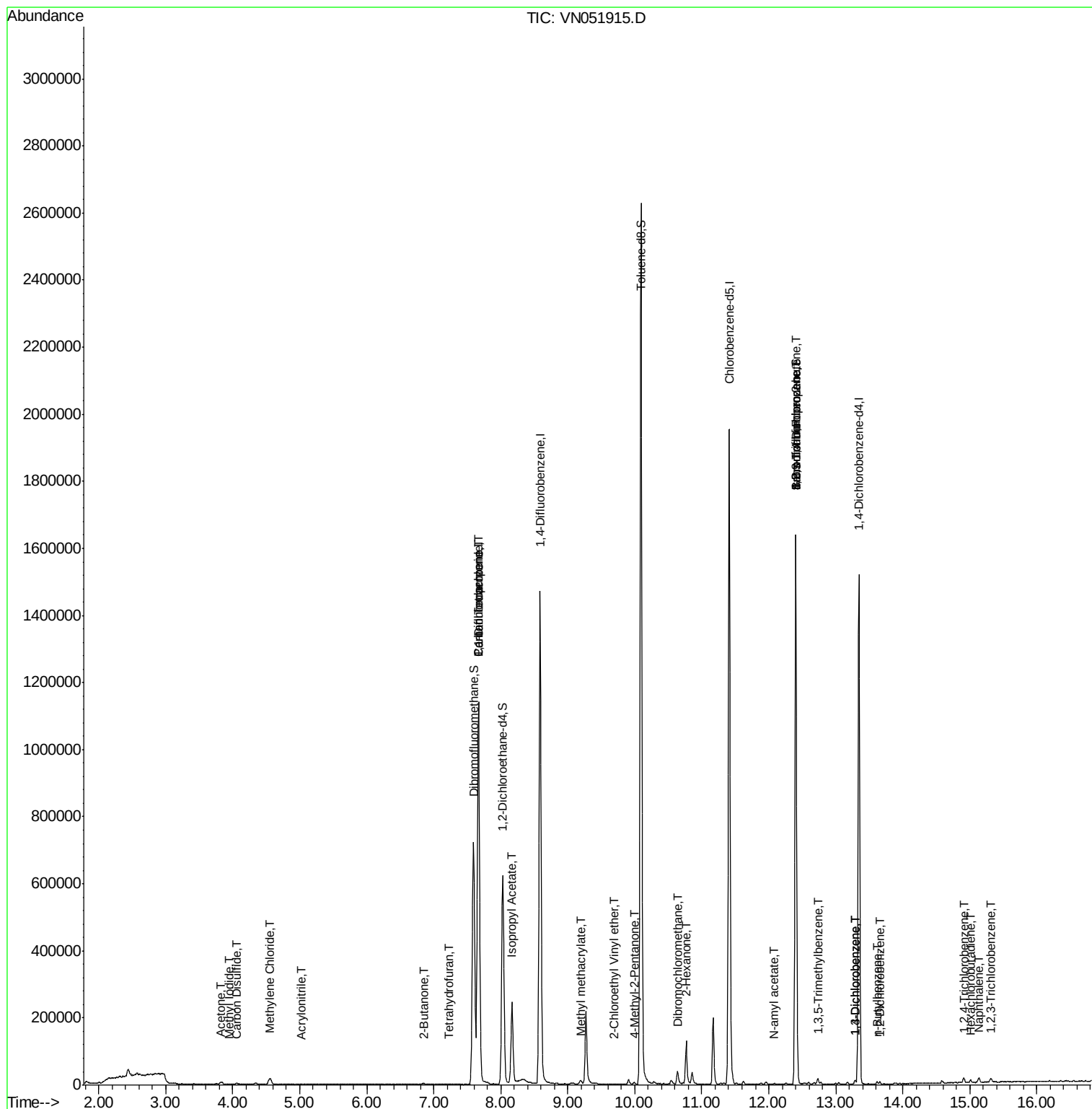
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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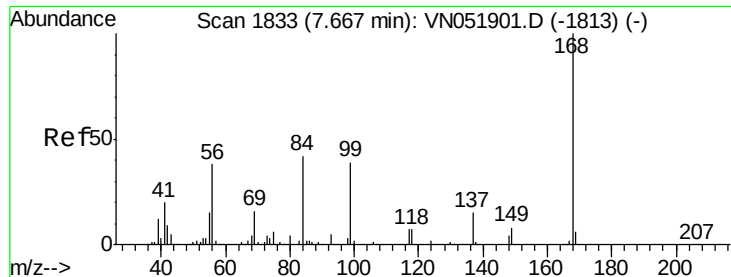
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

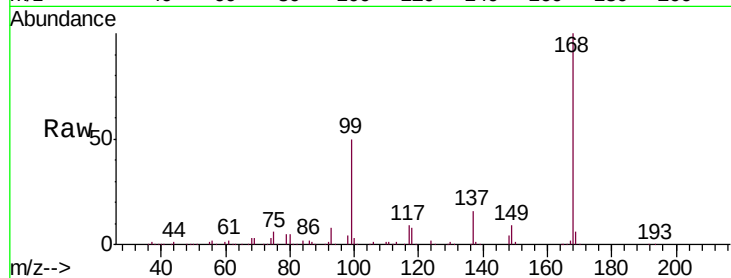
PB113908TB

Tgt Ion:168 Resp: 1020587

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VN051915.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051915.D (-1740) (-)

7.67

400000

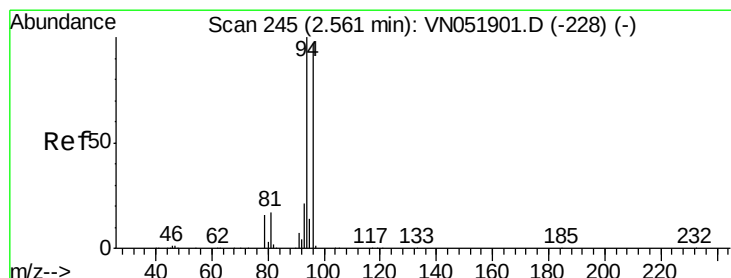
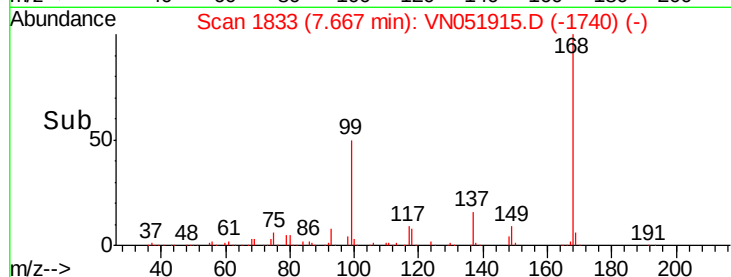
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051915.D

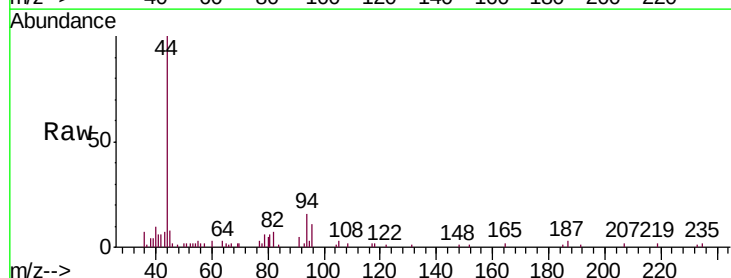
Acq: 18 Oct 2018 14:41

Tgt Ion: 94 Resp: 2716

Ion Ratio Lower Upper

94 100

96 61.8 77.5 116.3#



Abundance Ion 93.90 (93.60 to 94.60): VN051915.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051915.D (-152) (-)

2.57

2000

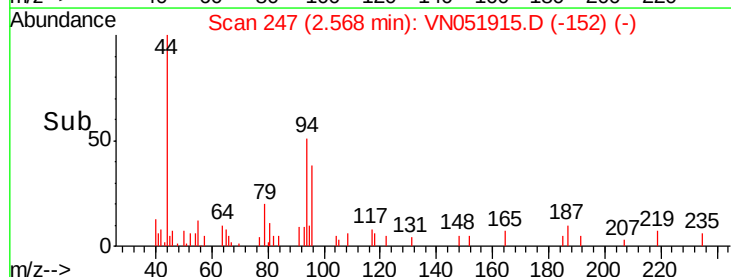
1500

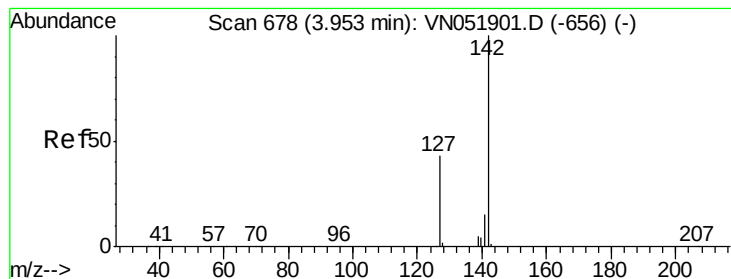
1000

500

0

Time-->





#10

Methyl Iodide

Concen: 3.399 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB113908TB

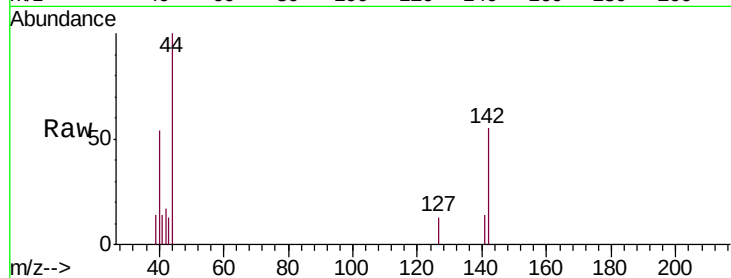
Tgt Ion: 142 Resp: 1334

Ion Ratio Lower Upper

142 100

127 23.3 34.3 51.5#

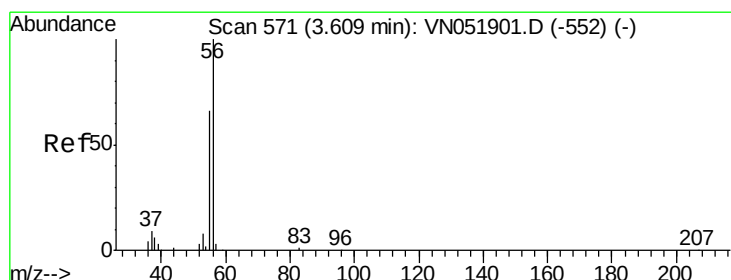
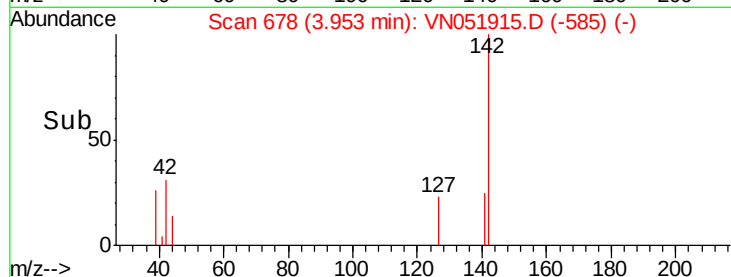
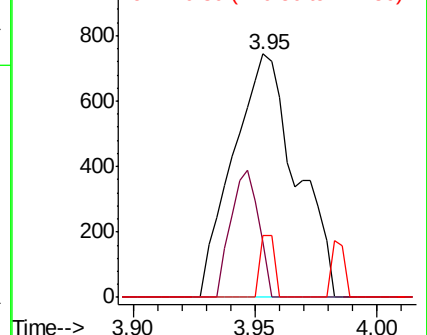
141 5.5 11.1 16.7#



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



#13

Acrolein

Concen: Below Cal

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN051915.D

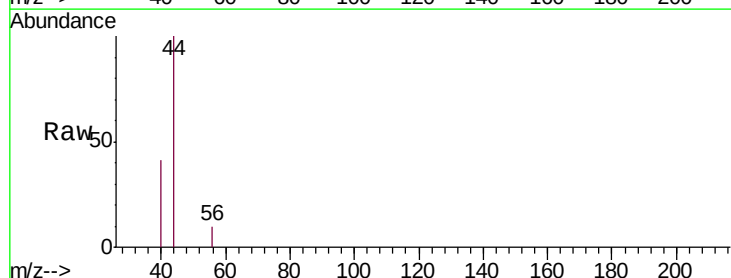
Acq: 18 Oct 2018 14:41

Tgt Ion: 56 Resp: 65

Ion Ratio Lower Upper

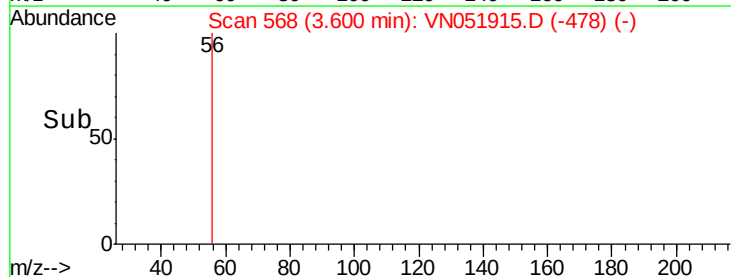
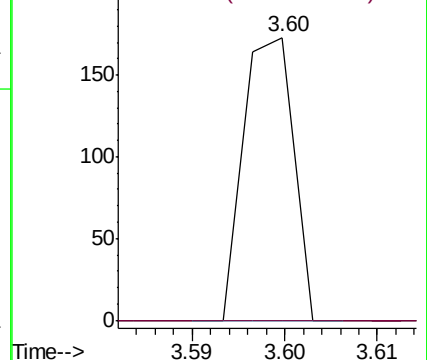
56 100

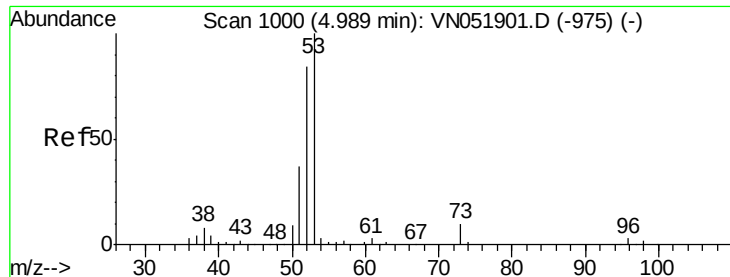
55 0.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): V

Ion 55.00 (54.70 to 55.70): V





#15

Acrylonitrile

Concen: 0.284 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.03 min

Lab File: VN051915.D

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Instrument :

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ClientSampleId :

PB113908TB

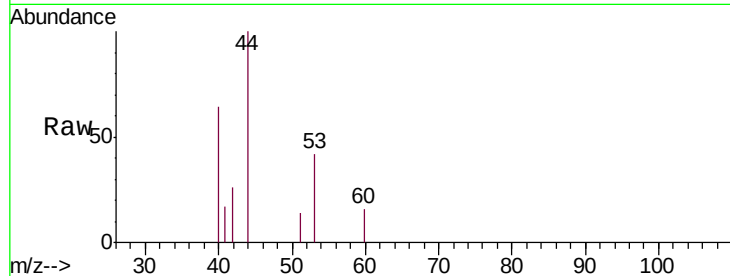
Tgt Ion: 53 Resp: 574

Ion Ratio Lower Upper

53 100

52 0.0 65.8 98.8#

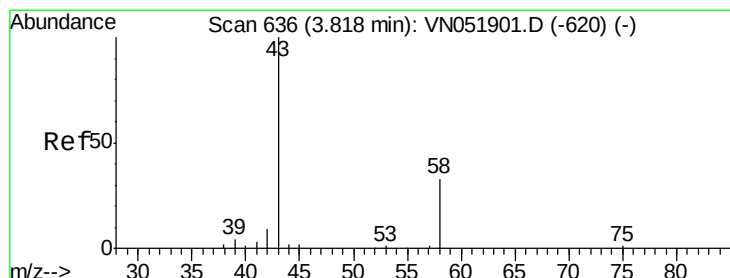
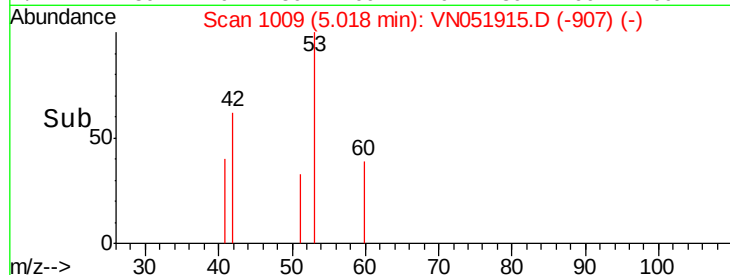
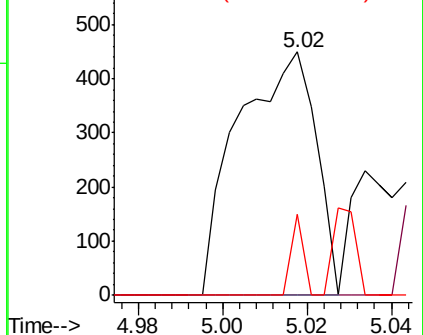
51 5.1 29.4 44.2#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 2.906 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051915.D

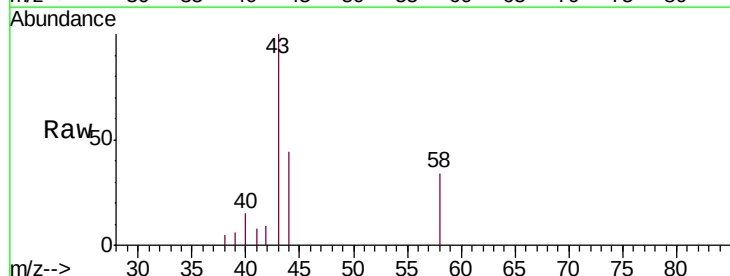
Acq: 18 Oct 2018 14:41

Tgt Ion: 43 Resp: 4868

Ion Ratio Lower Upper

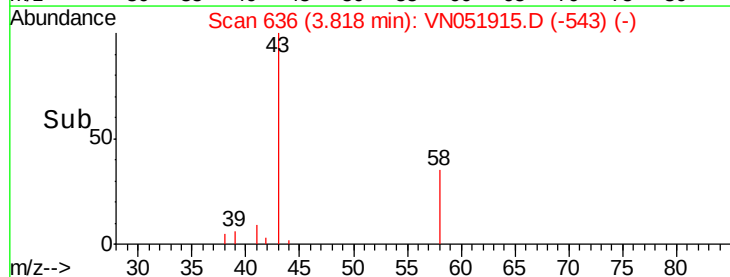
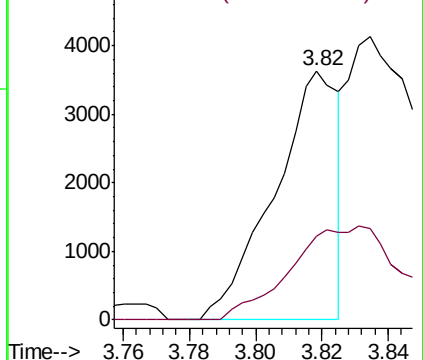
43 100

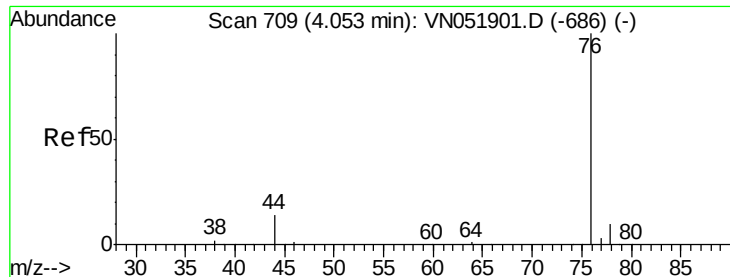
58 33.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

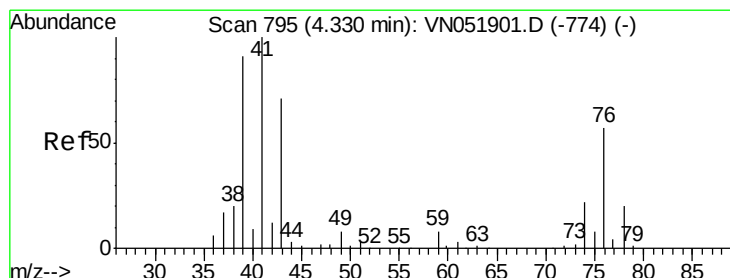
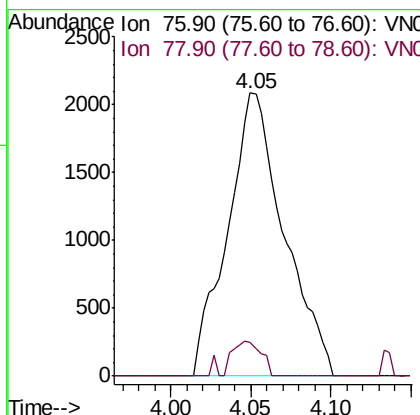
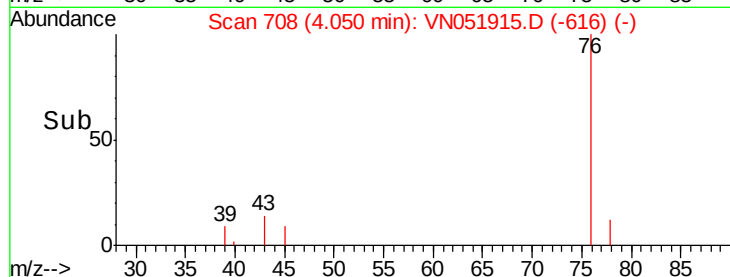
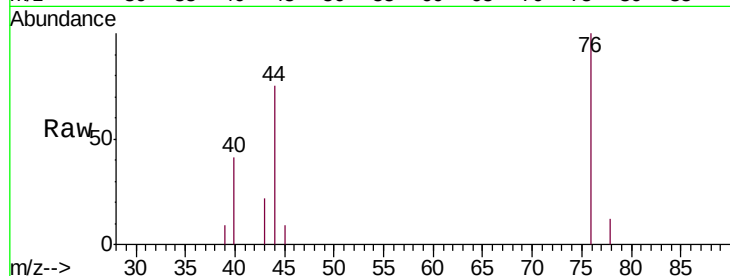




#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN051915.D
Acq: 18 Oct 2018 14:41

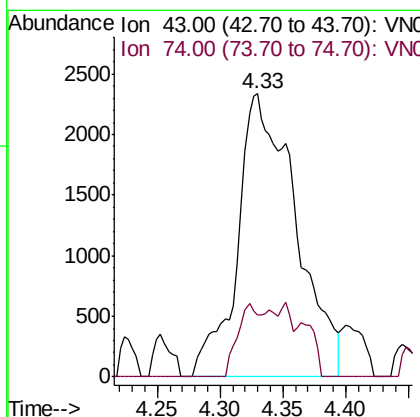
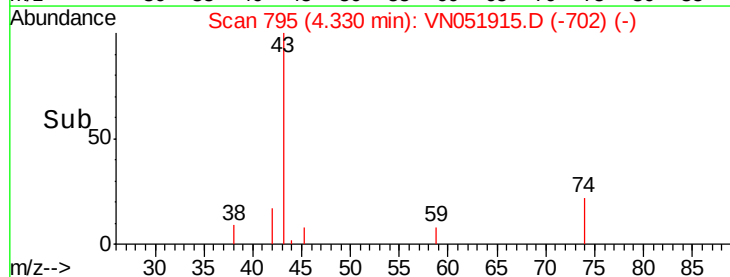
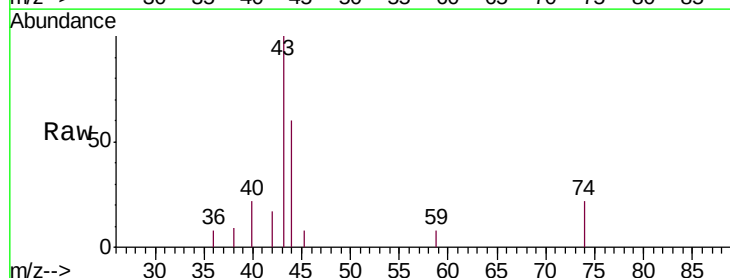
Instrument :
MSVOA_N
ClientSampleId :
PB113908TB

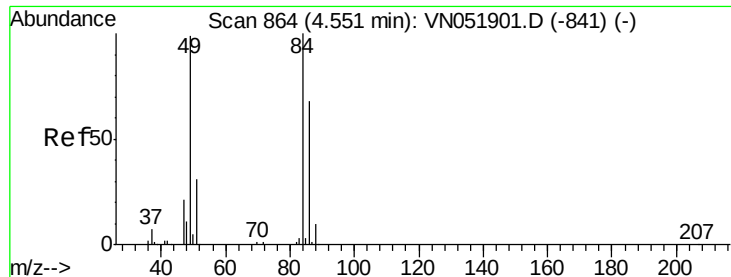
Tgt Ion: 76 Resp: 5041
Ion Ratio Lower Upper
76 100
78 12.1 7.6 11.4#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051915.D
Acq: 18 Oct 2018 14:41

Tgt Ion: 43 Resp: 7586
Ion Ratio Lower Upper
43 100
74 8.6 24.9 37.3#





#20

Methylene Chloride

Concen: 1.680 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampled :

PB113908TB

Tgt Ion: 84 Resp: 14309

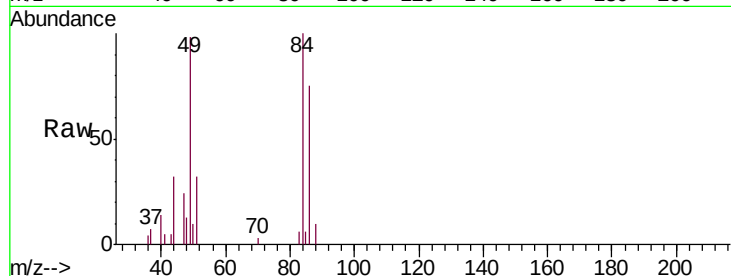
Ion Ratio Lower Upper

84 100

49 97.7 79.0 118.4

51 32.0 24.9 37.3

86 75.2 54.6 82.0

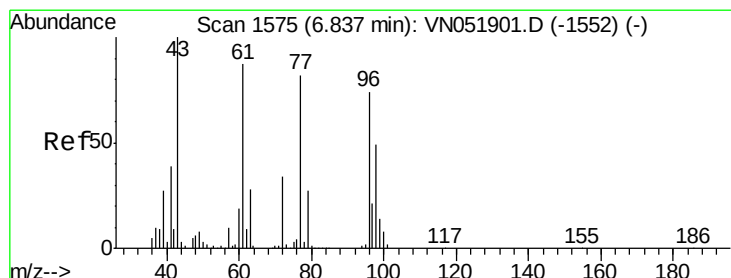
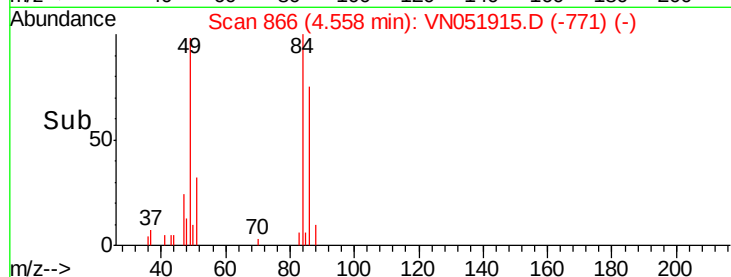
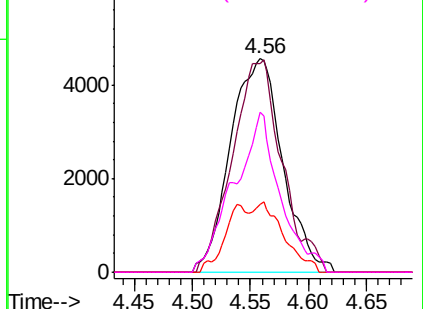


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.333 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN051915.D

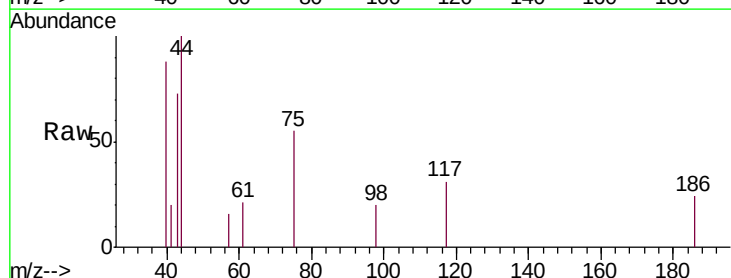
Acq: 18 Oct 2018 14:41

Tgt Ion: 43 Resp: 798

Ion Ratio Lower Upper

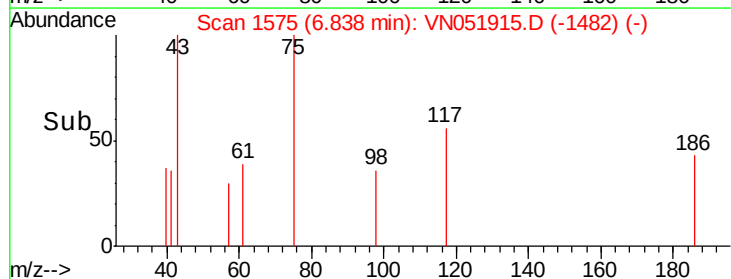
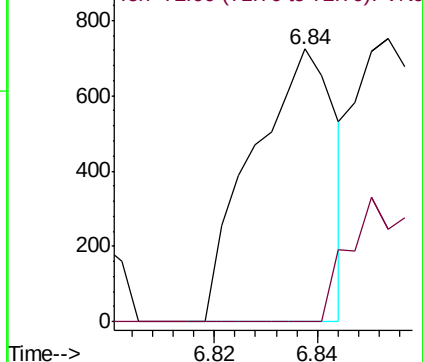
43 100

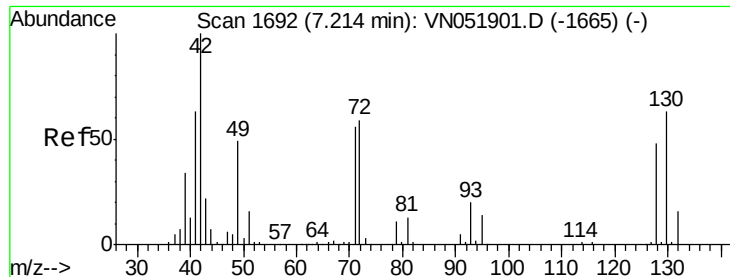
72 0.0 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.678 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051915.D

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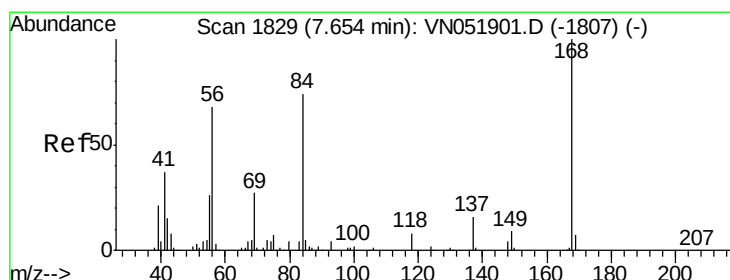
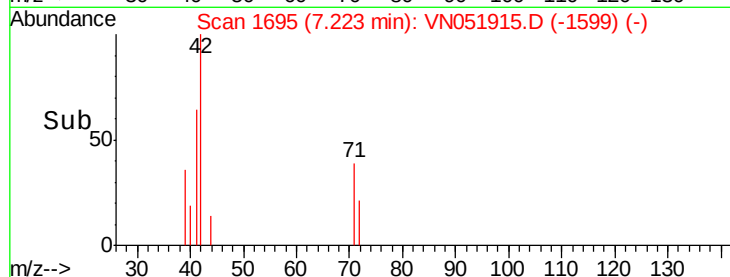
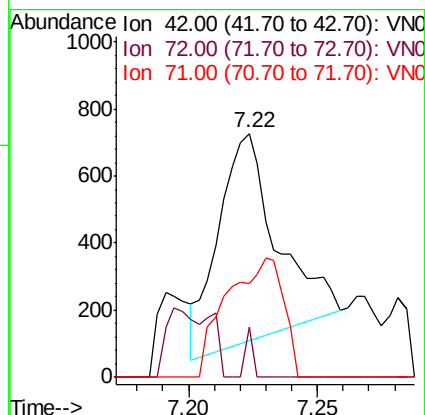
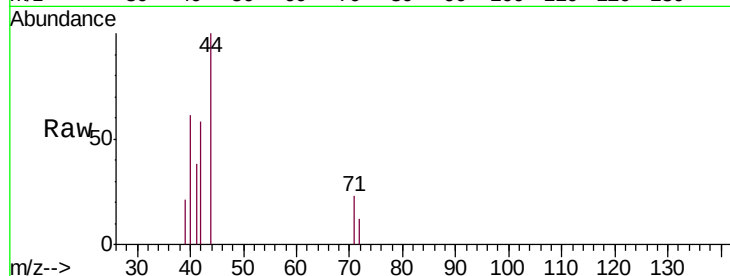
Tgt Ion: 42 Resp: 991

Ion Ratio Lower Upper

42 100

72 2.9 47.7 71.5#

71 55.0 45.4 68.0



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

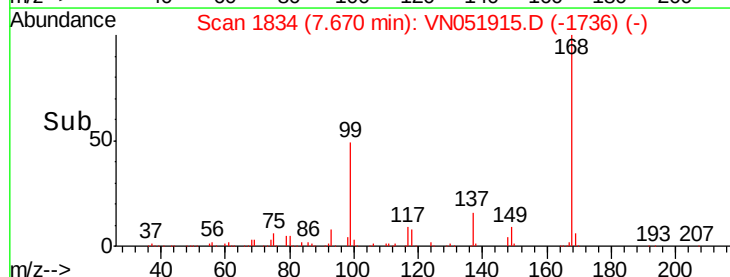
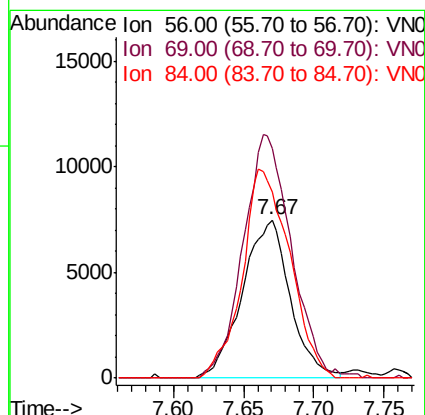
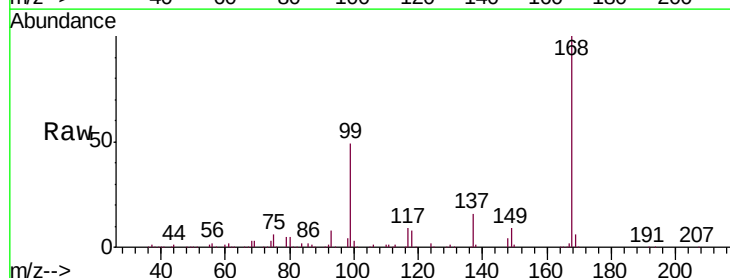
Tgt Ion: 56 Resp: 17761

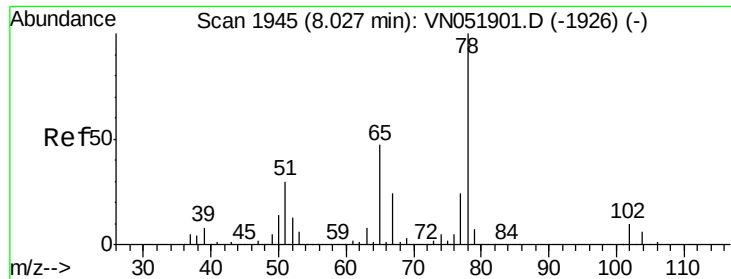
Ion Ratio Lower Upper

56 100

69 145.0 31.2 46.8#

84 117.3 86.6 130.0

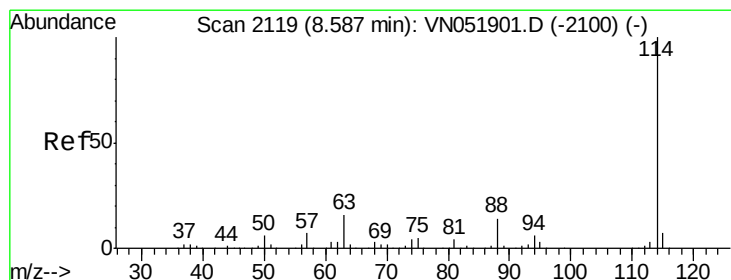
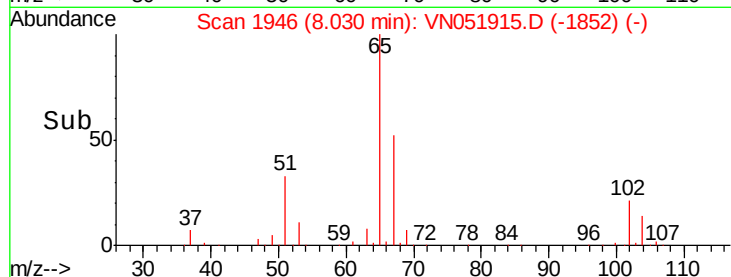
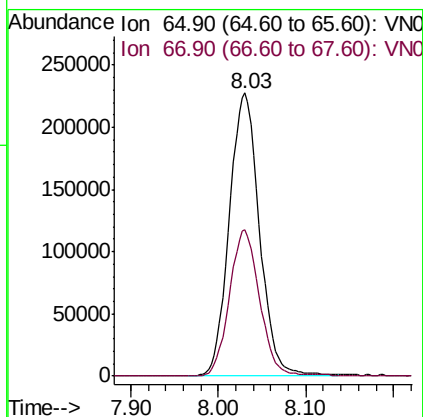
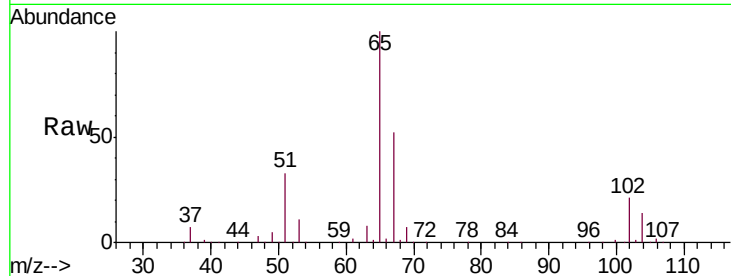




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

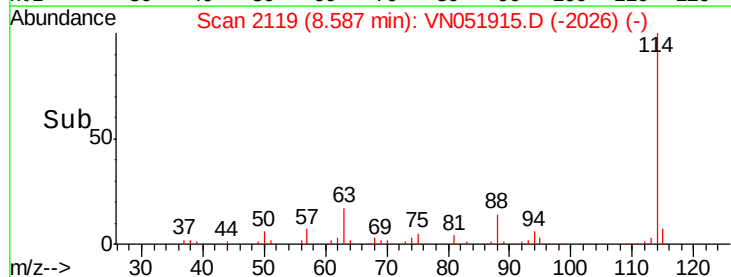
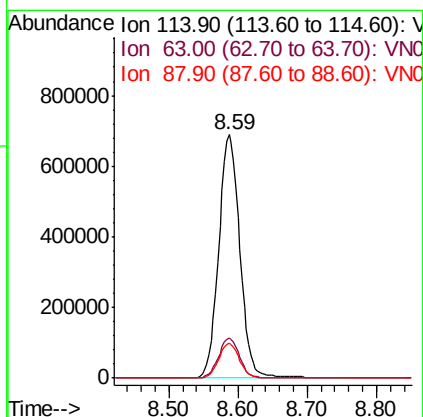
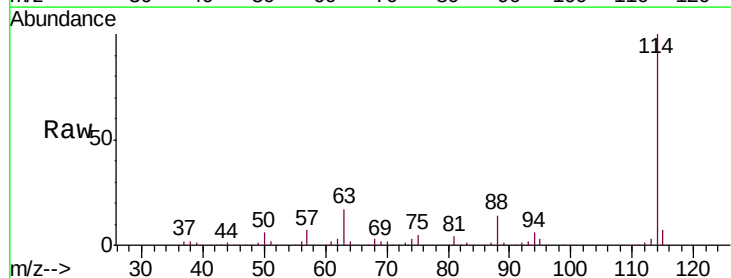
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908TB

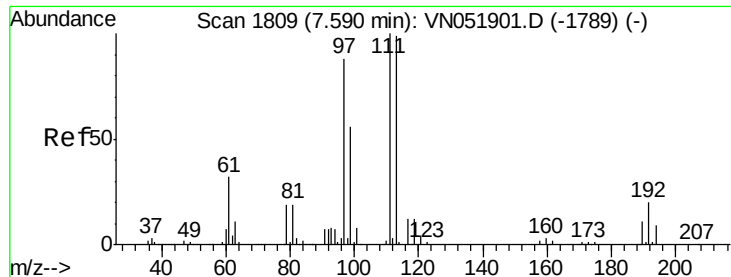
Tgt Ion: 65 Resp: 545748
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

Tgt Ion: 114 Resp: 1462974
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.8
 88 14.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB113908TB

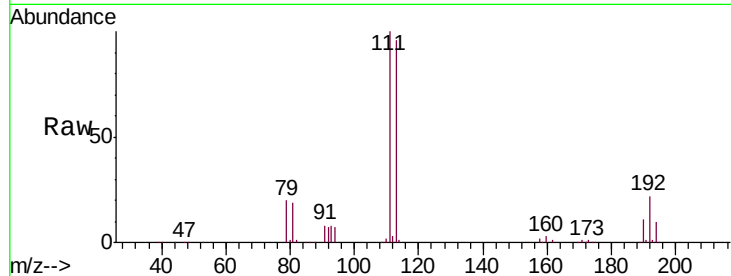
Tgt Ion:113 Resp: 545031

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

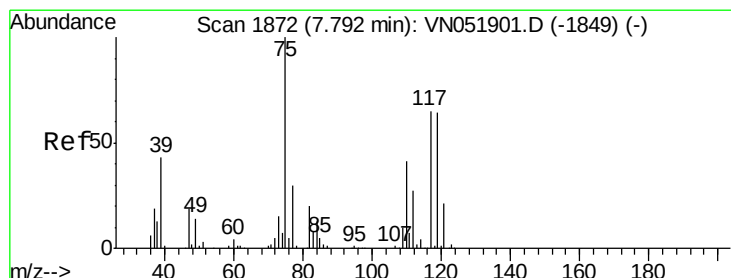
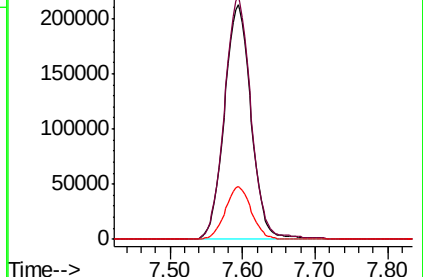
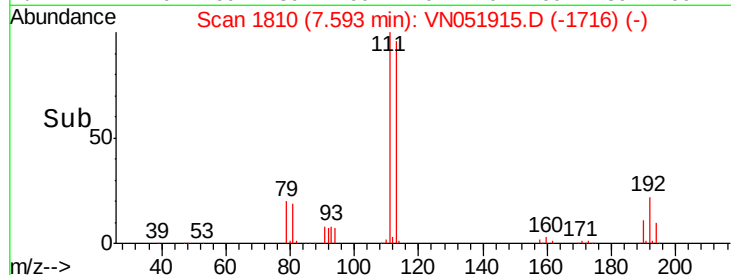
192 21.9 17.3 25.9



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: 5.563 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

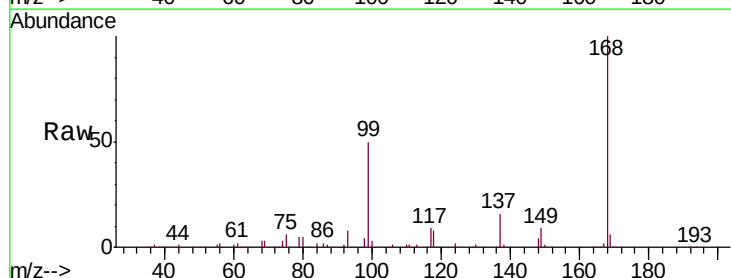
Tgt Ion: 75 Resp: 63166

Ion Ratio Lower Upper

75 100

110 10.6 21.0 63.0#

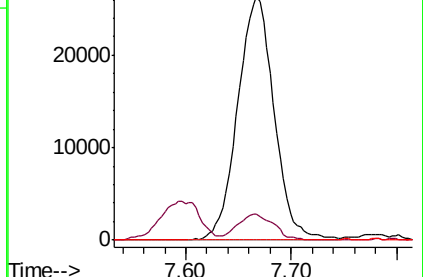
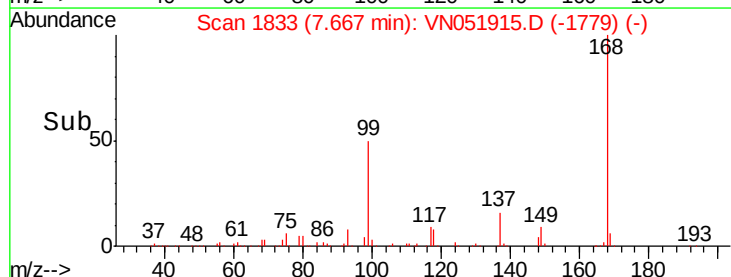
77 0.0 24.9 37.3#

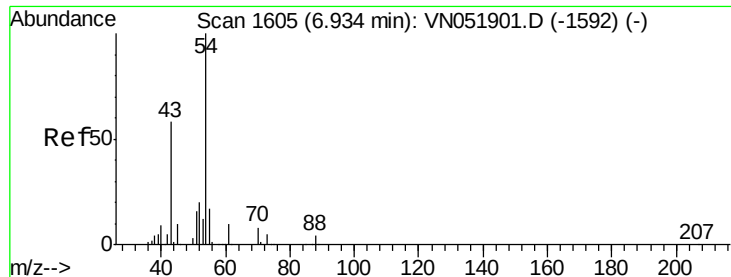


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: Below Cal

RT: 6.95 min Scan# 1609

Delta R.T. 0.01 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB113908TB

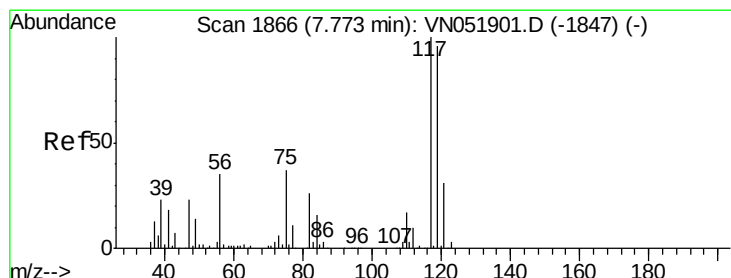
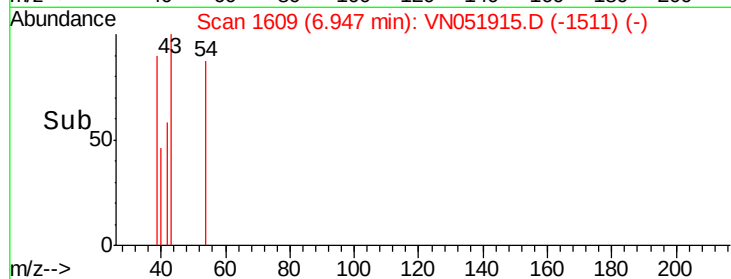
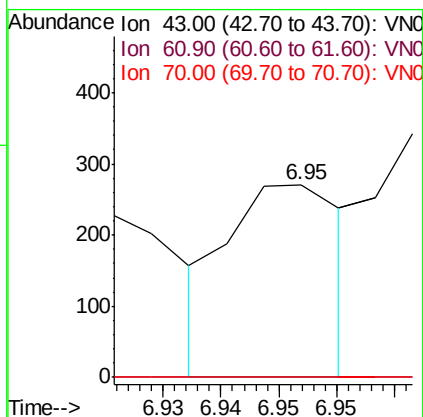
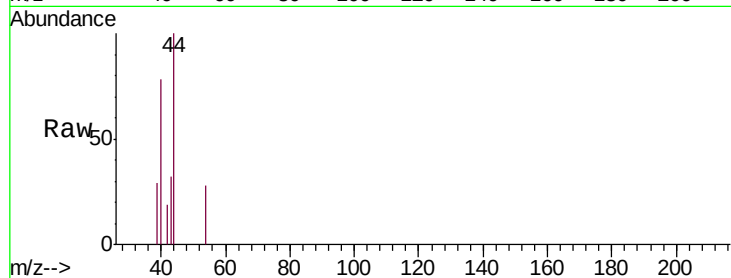
Tgt Ion: 43 Resp: 186

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.6#

70 0.0 10.4 15.6#



#38

Carbon Tetrachloride

Concen: 6.766 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

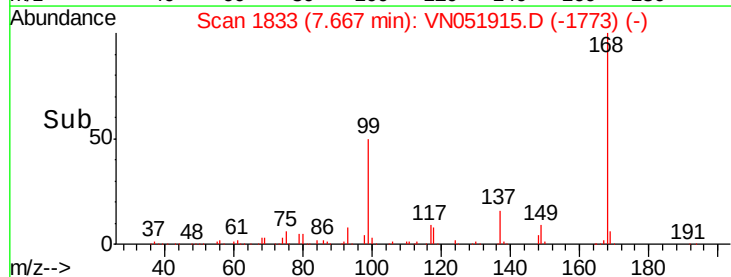
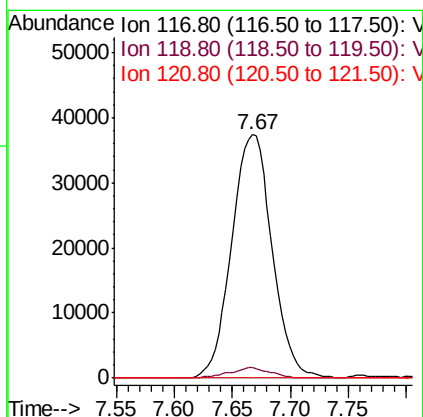
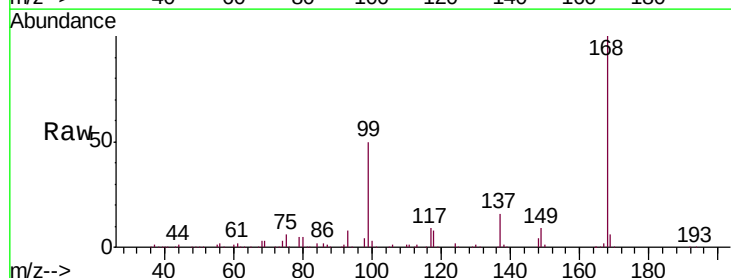
Tgt Ion: 117 Resp: 90474

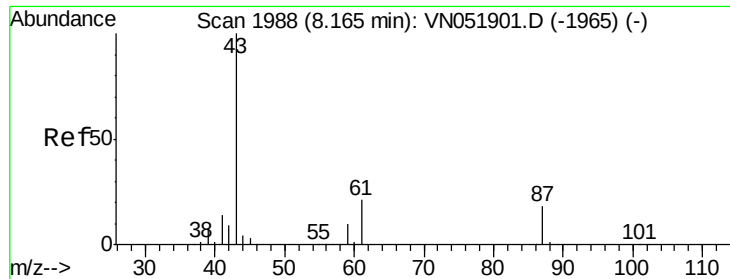
Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

121 0.0 25.1 37.7#





#43

Isopropyl Acetate

Concen: 25.423 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB113908TB

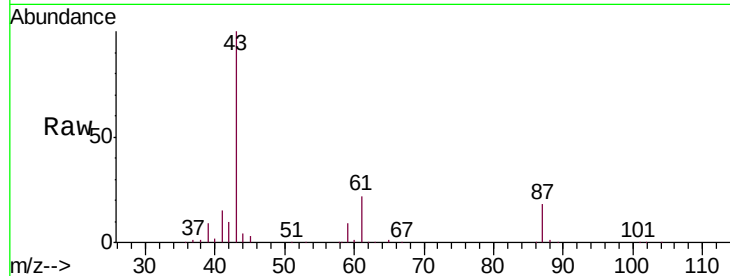
Tgt Ion: 43 Resp: 269051

Ion Ratio Lower Upper

43 100

61 22.2 24.9 37.3#

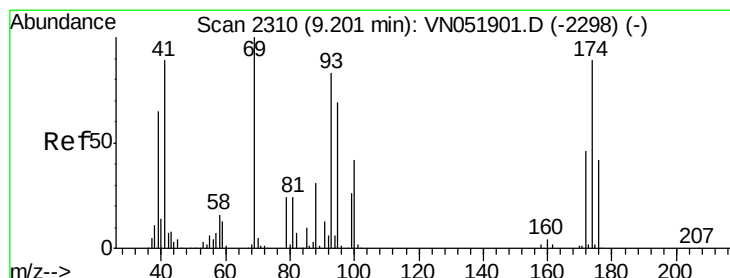
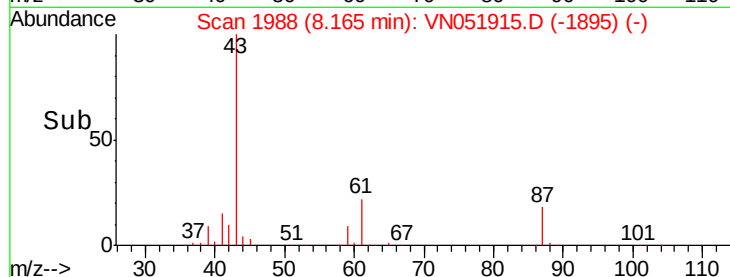
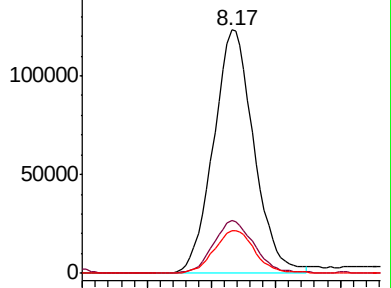
87 17.8 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.144 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

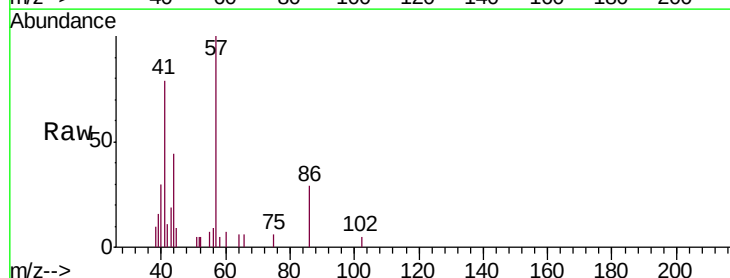
Tgt Ion: 41 Resp: 5243

Ion Ratio Lower Upper

41 100

69 0.0 90.2 135.2#

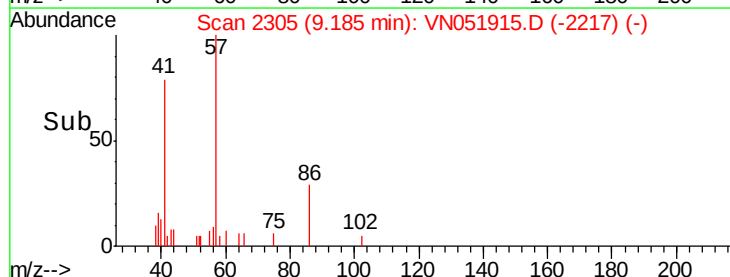
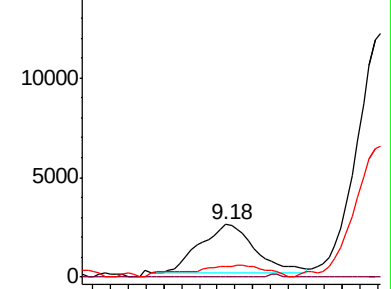
39 26.7 59.7 89.5#

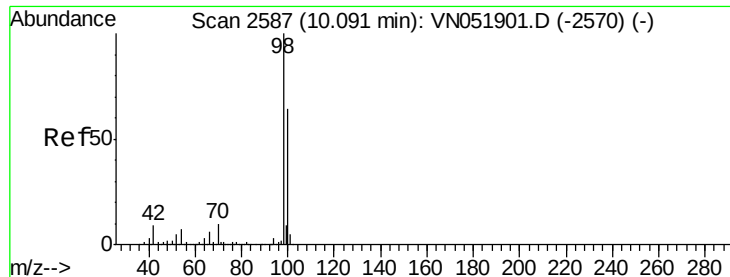


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

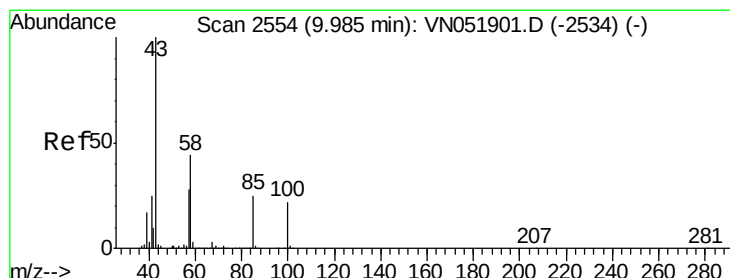
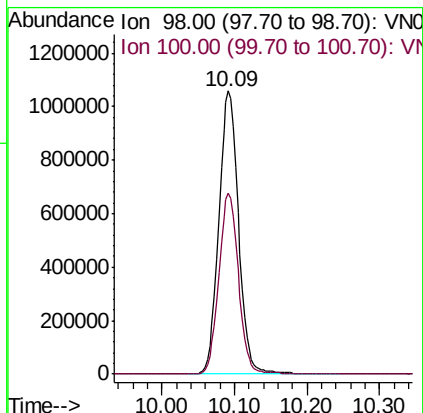
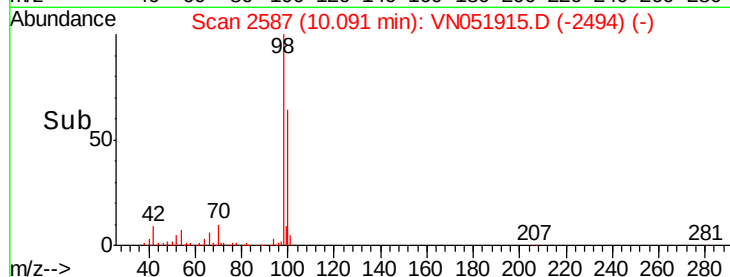
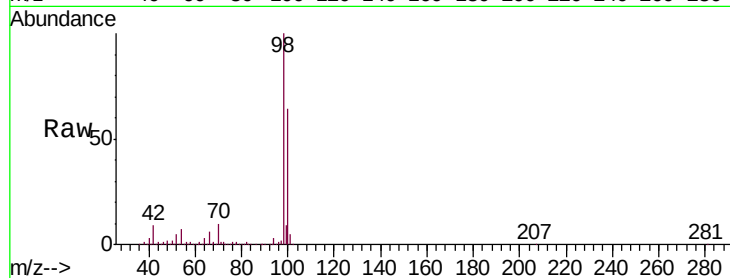
PB113908TB

Tgt Ion: 98 Resp: 1986548

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.4



#51

4-Methyl-2-Pentanone

Concen: 0.365 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051915.D

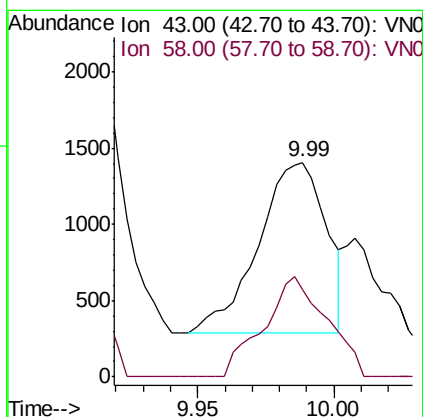
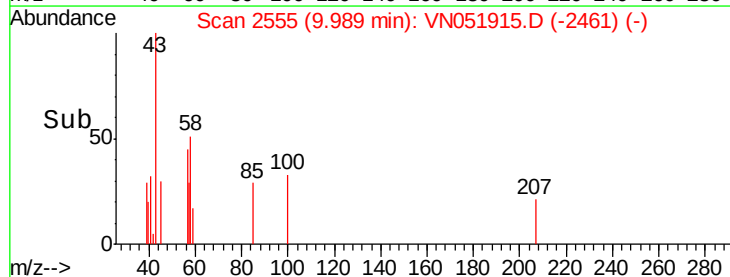
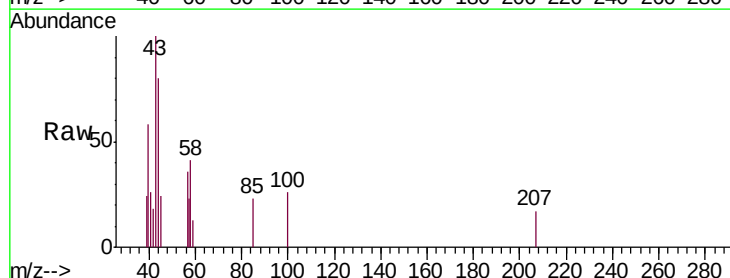
Acq: 18 Oct 2018 14:41

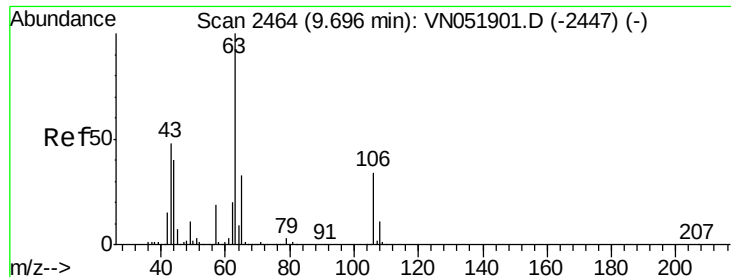
Tgt Ion: 43 Resp: 1928

Ion Ratio Lower Upper

43 100

58 55.0 34.6 52.0#

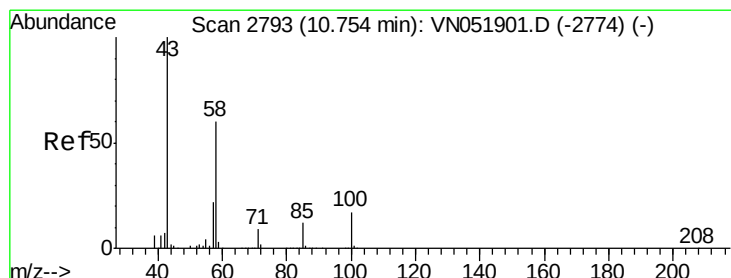
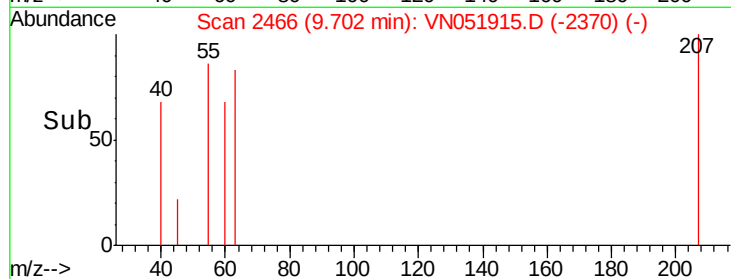
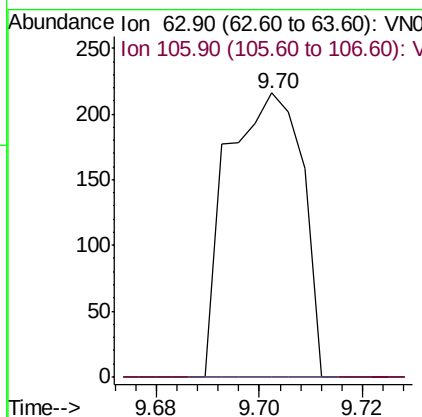
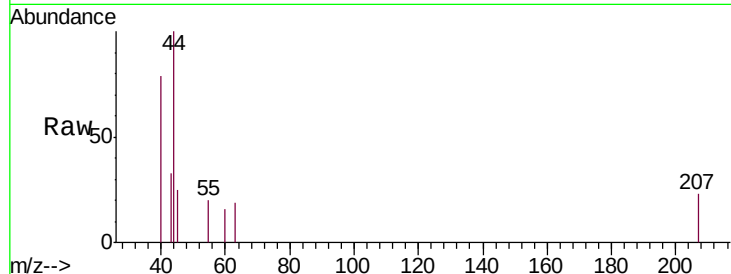




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.802 ug/l
 RT: 9.70 min Scan# 2466
 Delta R.T. 0.01 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

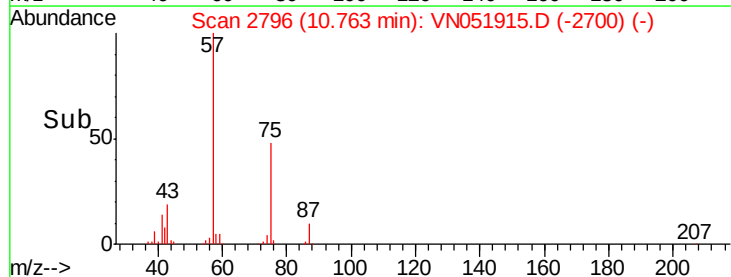
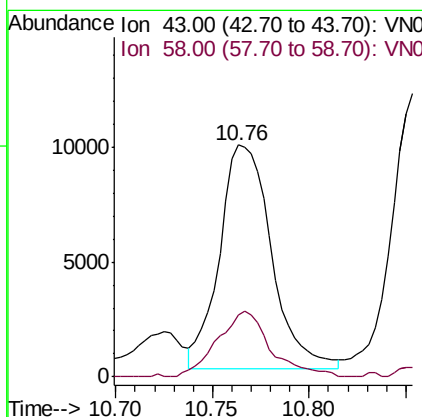
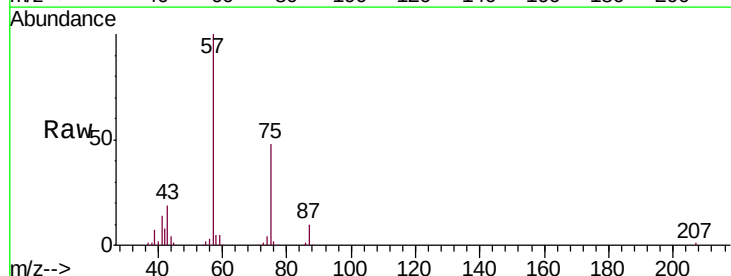
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908TB

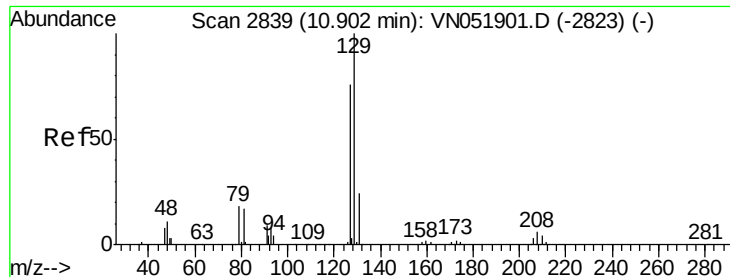
Tgt Ion: 63 Resp: 217
 Ion Ratio Lower Upper
 63 100
 106 0.0 27.5 41.3#



#59
 2-Hexanone
 Concen: 5.157 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

Tgt Ion: 43 Resp: 18277
 Ion Ratio Lower Upper
 43 100
 58 29.9 29.8 89.5





#60

Dibromochloromethane

Concen: 2.133 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

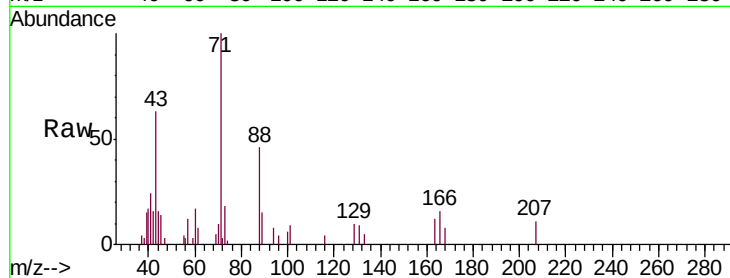
PB113908TB

Tgt Ion:129 Resp: 939

Ion Ratio Lower Upper

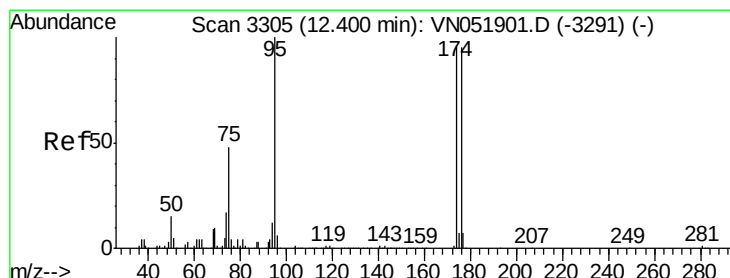
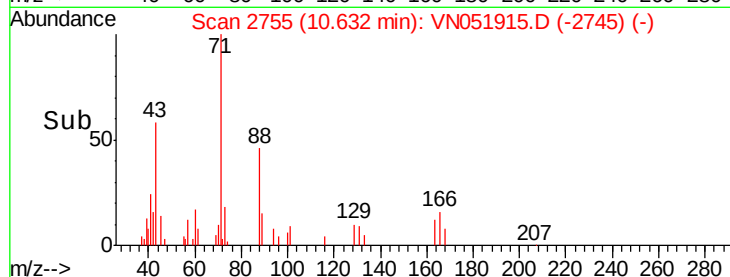
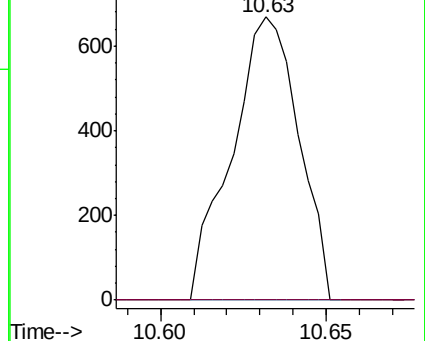
129 100

127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

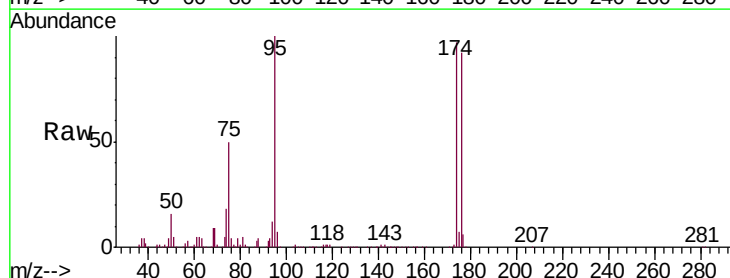
Tgt Ion: 95 Resp: 558743

Ion Ratio Lower Upper

95 100

174 97.2 0.0 195.0

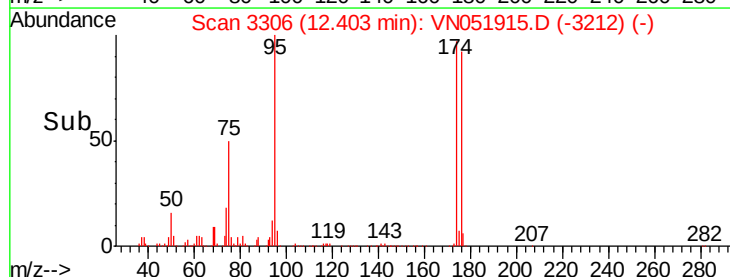
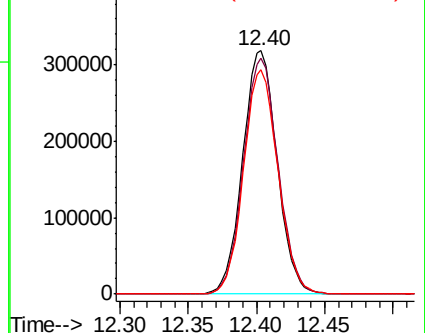
176 92.4 0.0 191.4

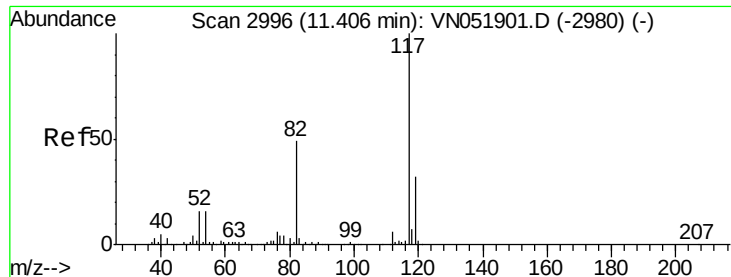


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

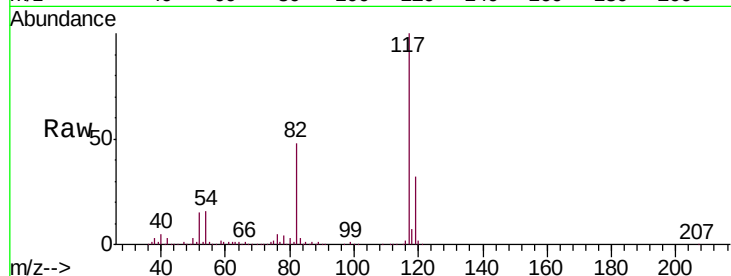




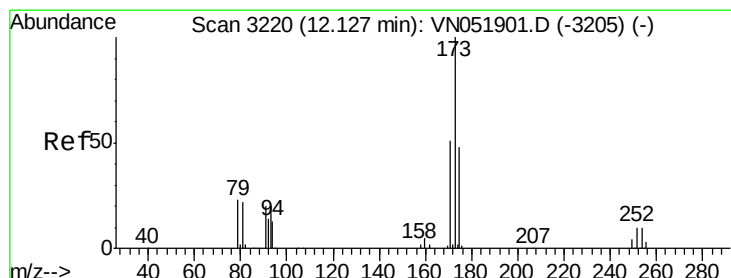
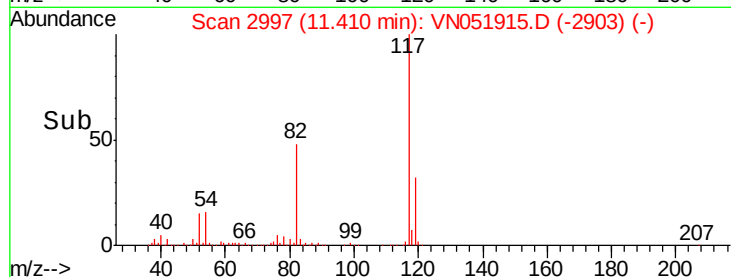
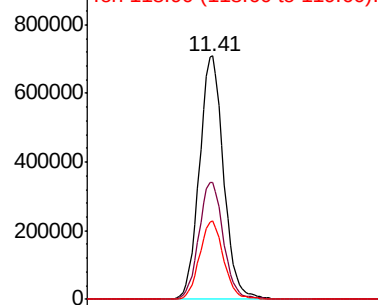
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051915.D
Acq: 18 Oct 2018 14:41

Instrument :
MSVOA_N
ClientSampleId :
PB113908TB

Tgt Ion:117 Resp: 1281348
Ion Ratio Lower Upper
117 100
82 47.9 38.9 58.3
119 32.1 25.9 38.9

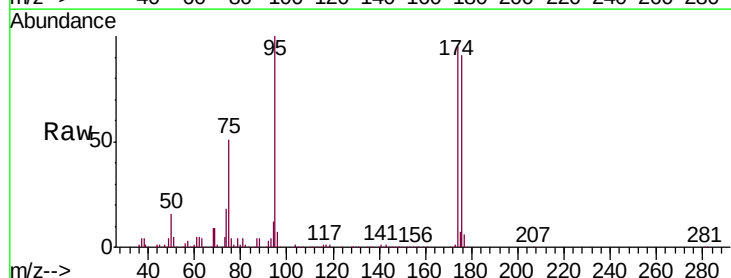


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

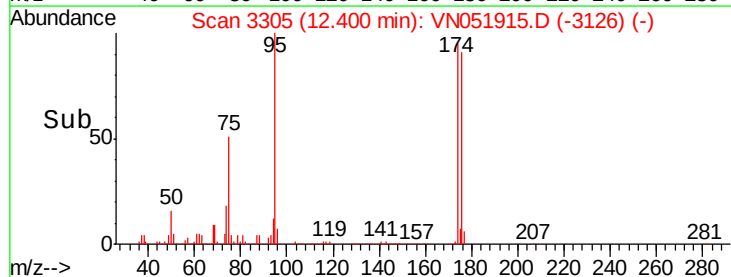
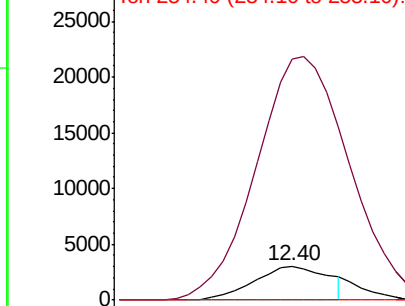


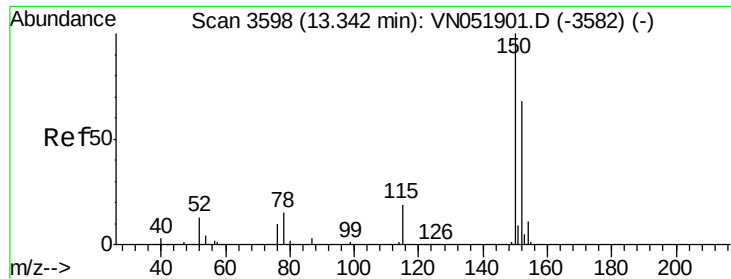
#71
Bromoform
Concen: 3.807 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051915.D
Acq: 18 Oct 2018 14:41

Tgt Ion:173 Resp: 4392
Ion Ratio Lower Upper
173 100
175 739.3 24.0 72.0#
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampled :

PB113908TB

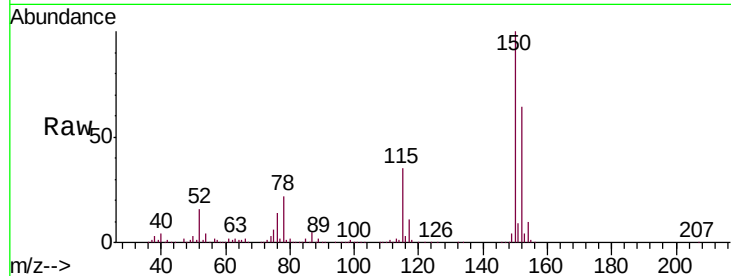
Tgt Ion:152 Resp: 441813

Ion Ratio Lower Upper

152 100

115 55.2 26.7 80.1

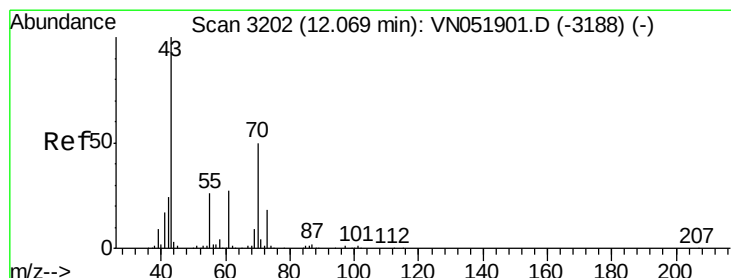
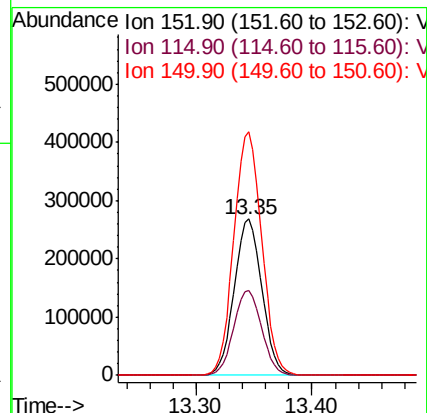
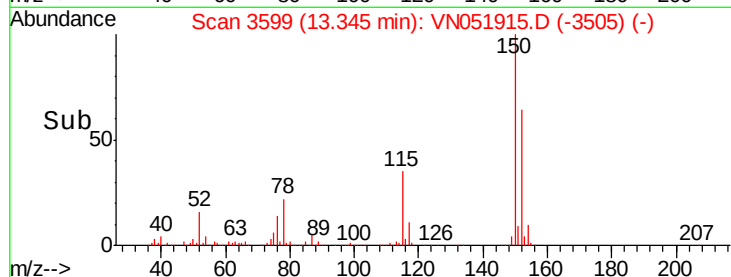
150 157.1 0.0 346.4



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



#74

N-ethyl acetate

Concen: 0.356 ug/l

RT: 12.08 min Scan# 3205

Delta R.T. 0.01 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Tgt Ion: 43 Resp: 2095

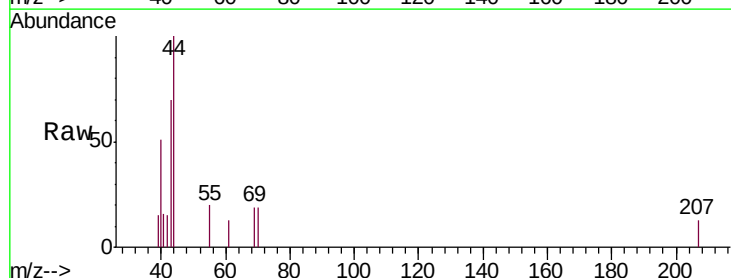
Ion Ratio Lower Upper

43 100

70 18.4 40.1 60.1#

55 18.9 21.0 31.4#

61 1.6 21.4 32.0#

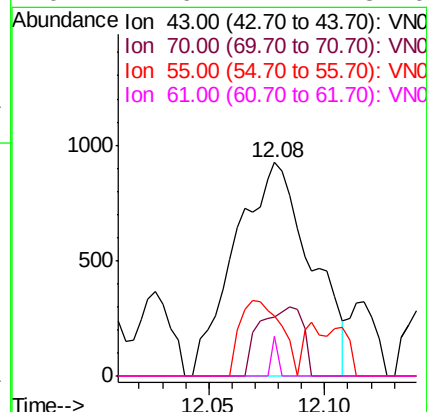
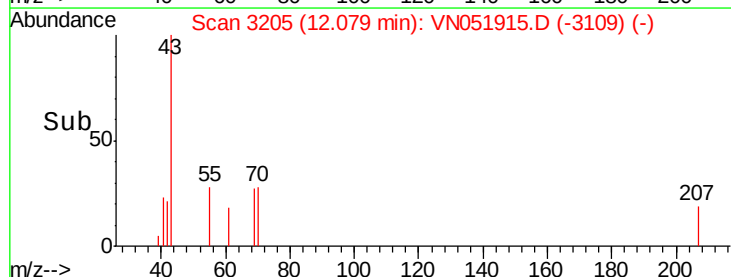


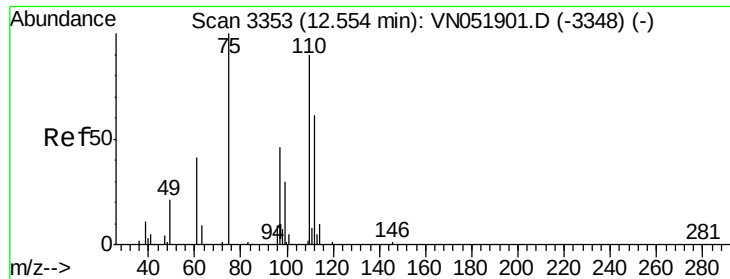
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 52.168 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampled :

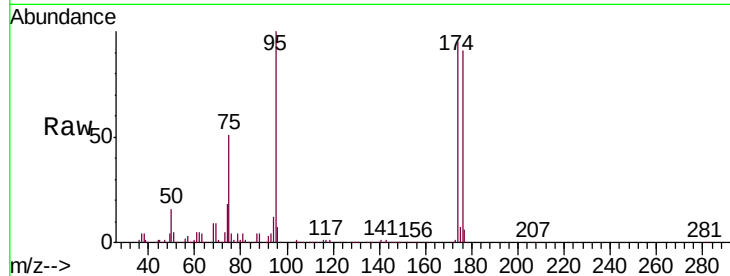
PB113908TB

Tgt Ion: 75 Resp: 280143

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

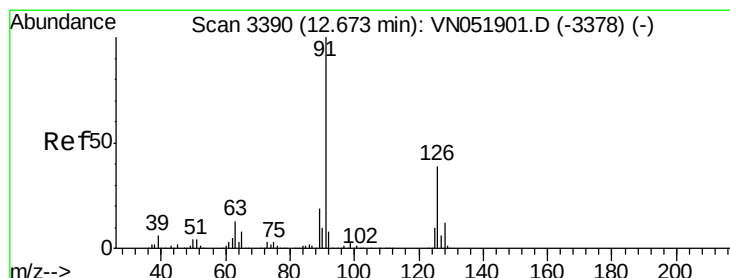
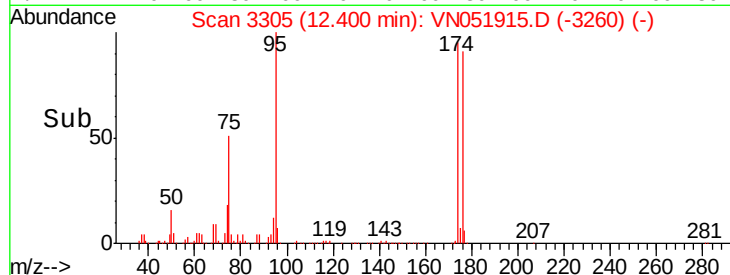
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051915.D

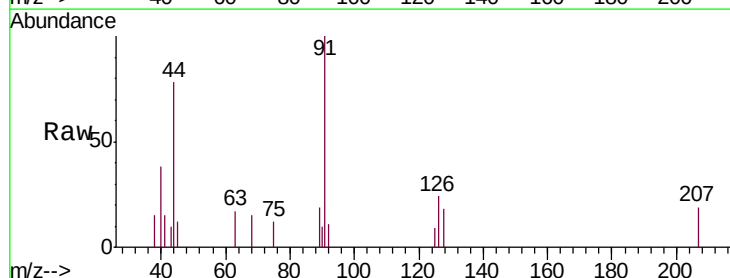
Acq: 18 Oct 2018 14:41

Tgt Ion: 91 Resp: 2567

Ion Ratio Lower Upper

91 100

126 29.6 19.6 58.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

2000

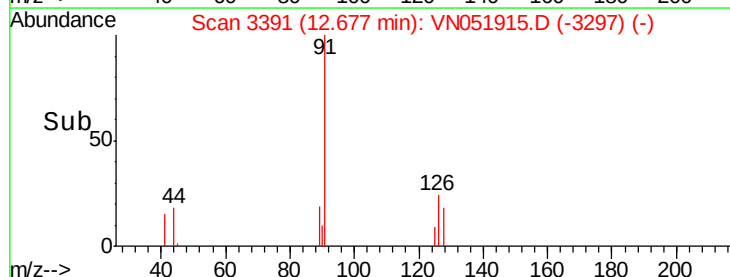
1500

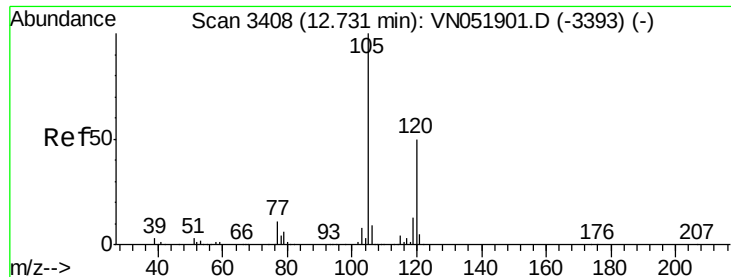
1000

500

0

Time--> 12.65 12.70





#80

1,3,5-Trimethylbenzene

Concen: 0.265 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampled :

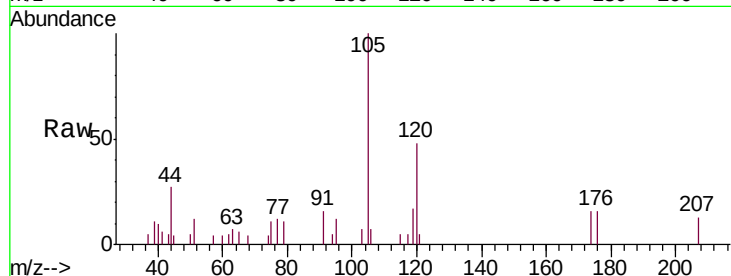
PB113908TB

Tgt Ion:105 Resp: 7328

Ion Ratio Lower Upper

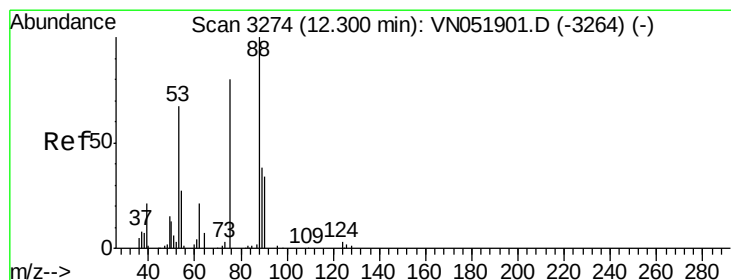
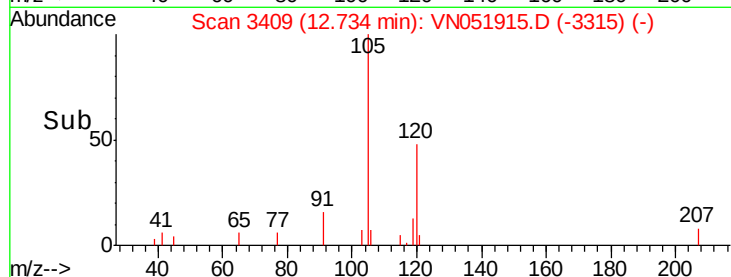
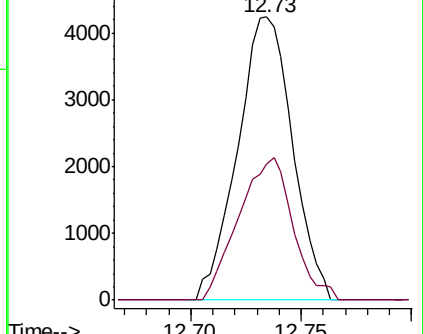
105 100

120 49.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 171.429 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

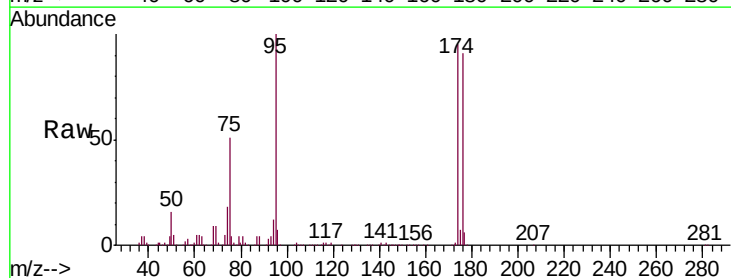
Tgt Ion: 75 Resp: 280143

Ion Ratio Lower Upper

75 100

53 0.0 68.5 102.7#

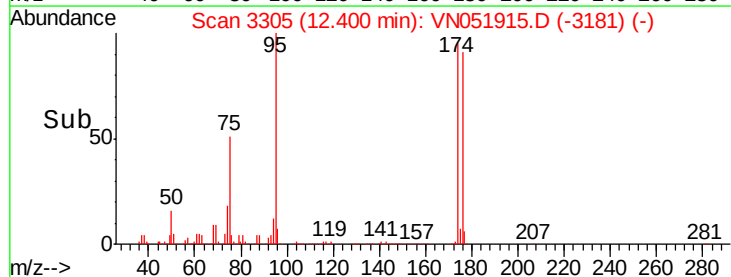
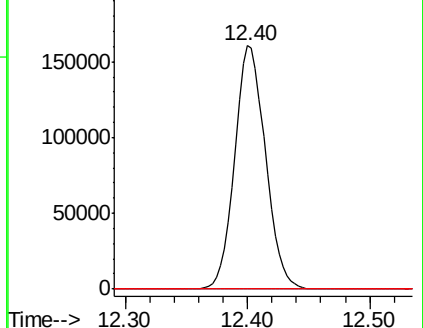
89 0.0 39.0 58.6#

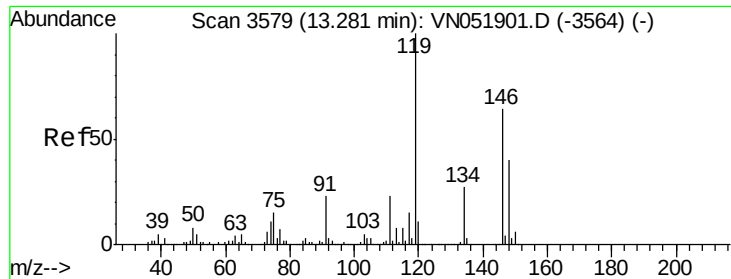


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

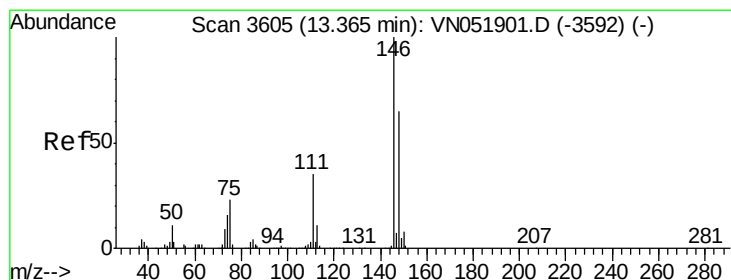
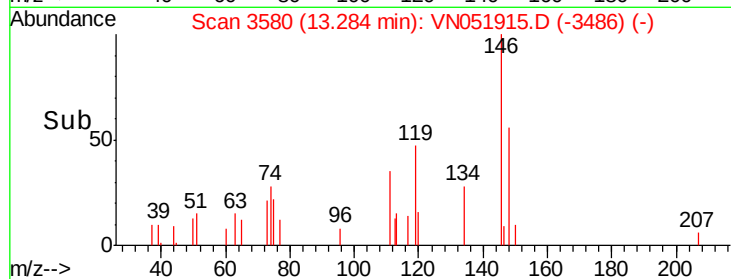
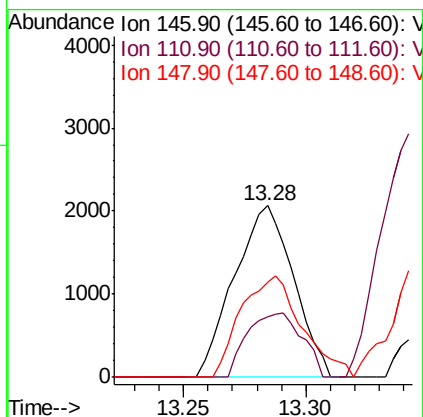
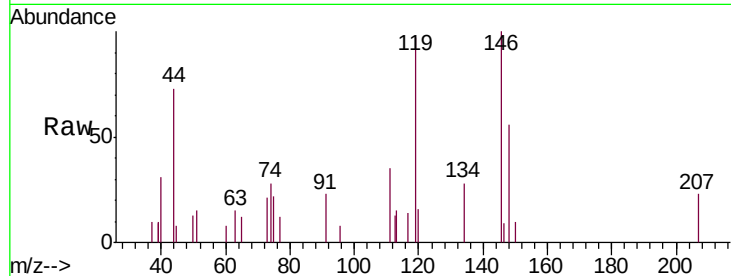




#87
 1,3-Dichlorobenzene
 Concen: 0.237 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

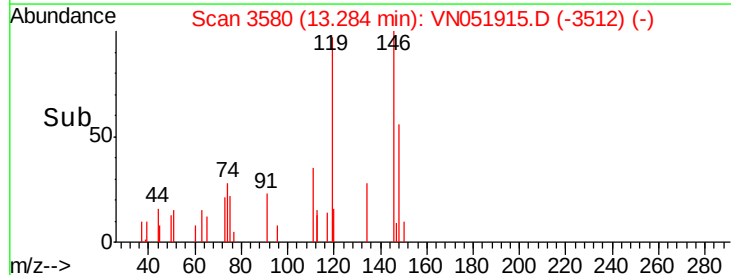
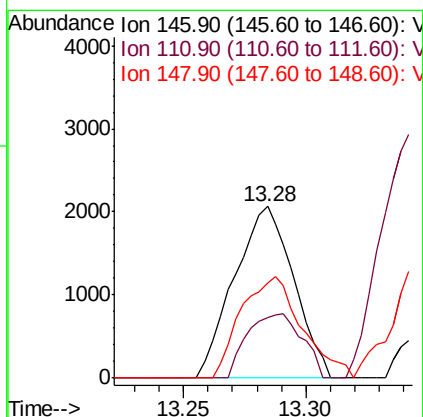
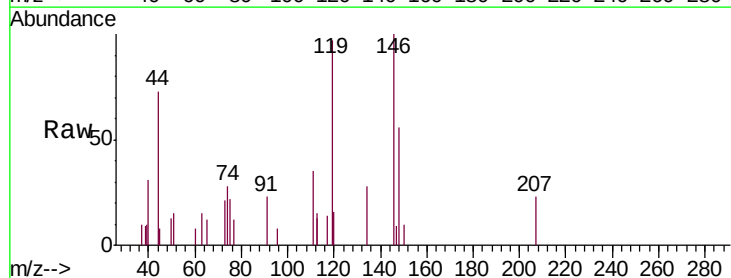
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908TB

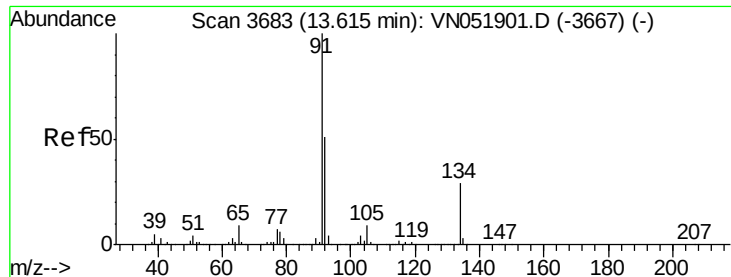
Tgt Ion:146 Resp: 3482
 Ion Ratio Lower Upper
 146 100
 111 34.5 18.3 54.8
 148 61.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.242 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

Tgt Ion:146 Resp: 3482
 Ion Ratio Lower Upper
 146 100
 111 34.5 17.9 53.7
 148 61.0 32.8 98.3

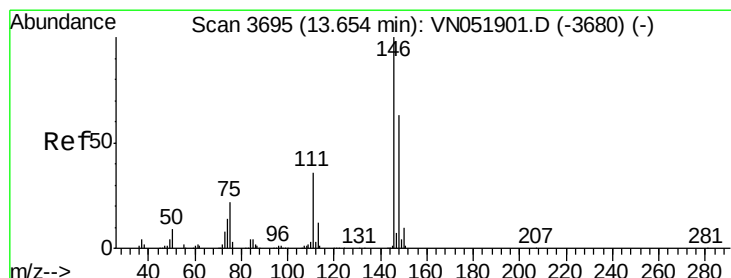
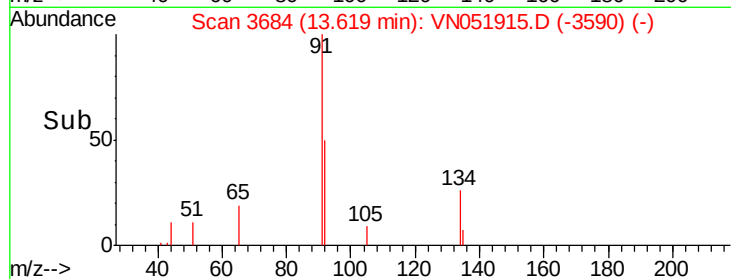
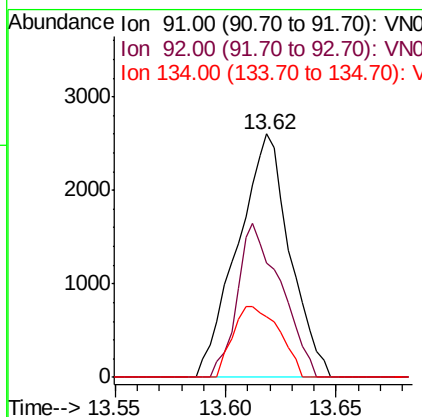
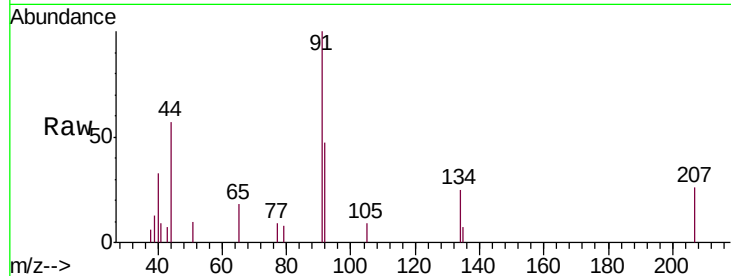




#89
n-Butylbenzene
Concen: 0.205 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN051915.D
Acq: 18 Oct 2018 14:41

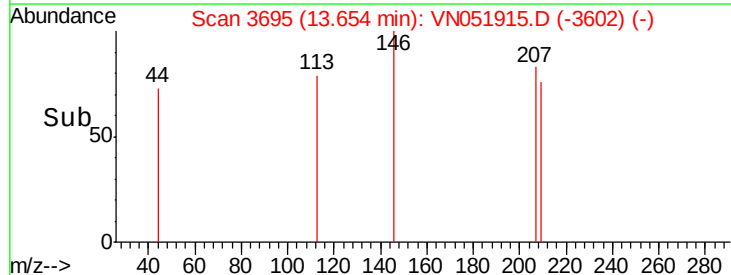
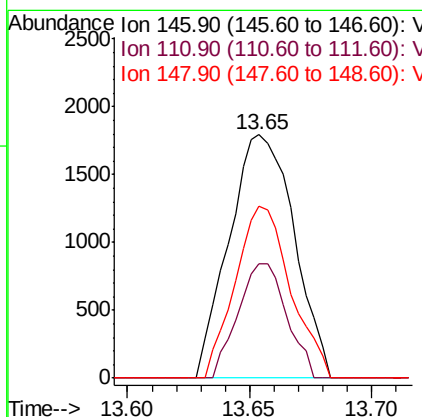
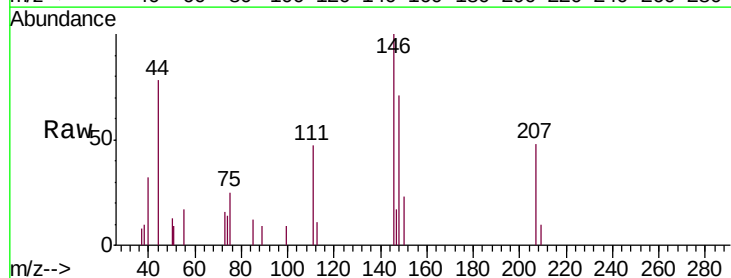
Instrument :
MSVOA_N
ClientSampled :
PB113908TB

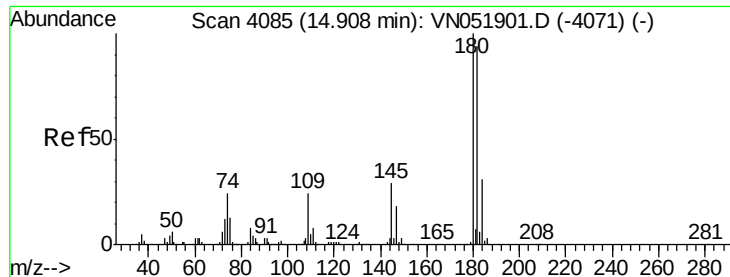
Tgt Ion: 91 Resp: 4260
Ion Ratio Lower Upper
91 100
92 53.1 25.9 77.7
134 26.0 14.6 43.8



#91
1,2-Dichlorobenzene
Concen: 0.234 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051915.D
Acq: 18 Oct 2018 14:41

Tgt Ion: 146 Resp: 3318
Ion Ratio Lower Upper
146 100
111 35.1 18.6 55.6
148 60.0 32.0 96.2

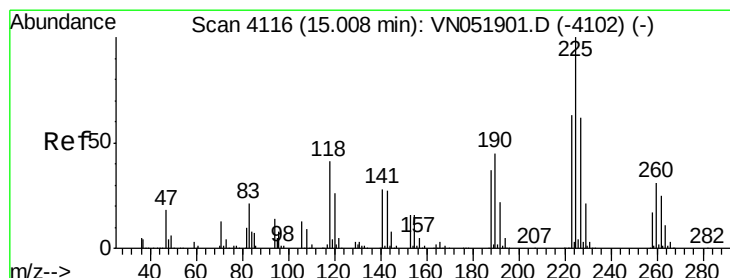
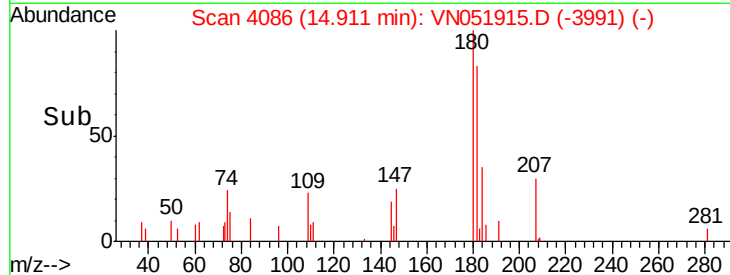
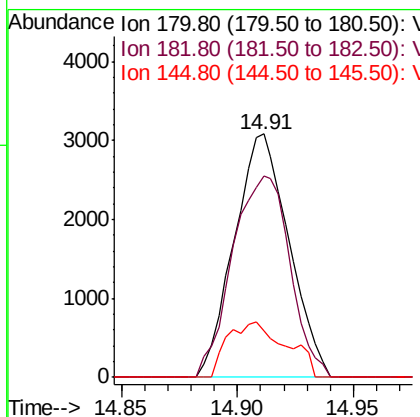
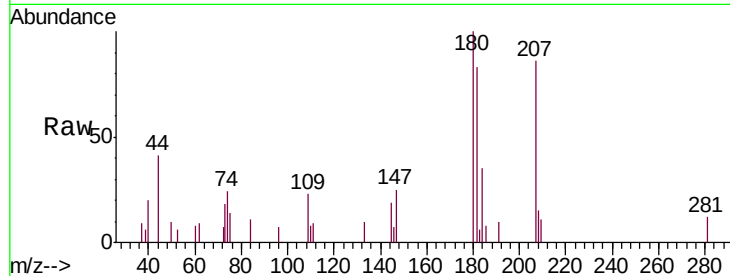




#93
 1,2,4-Trichlorobenzene
 Concen: 4.708 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

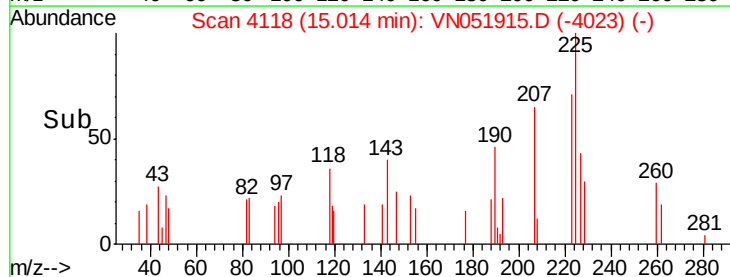
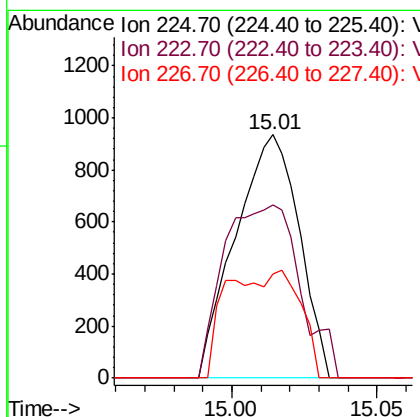
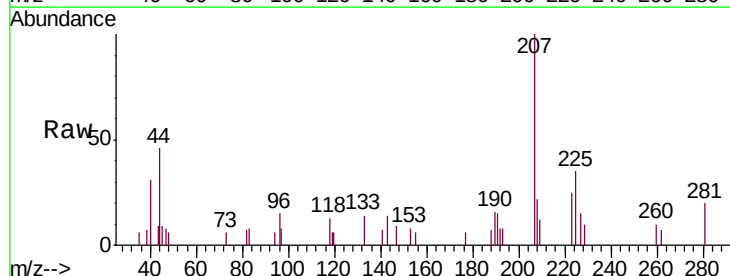
Instrument :
 MSVOA_N
 ClientSampled :
 PB113908TB

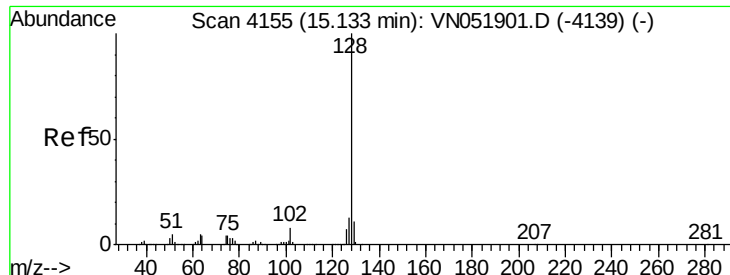
Tgt Ion:180 Resp: 5042
 Ion Ratio Lower Upper
 180 100
 182 86.8 47.3 141.9
 145 24.3 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 0.316 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.01 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

Tgt Ion:225 Resp: 1423
 Ion Ratio Lower Upper
 225 100
 223 85.4 32.0 96.2
 227 18.7 31.9 95.9#





#95

Naphthalene

Concen: 4.877 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB113908TB

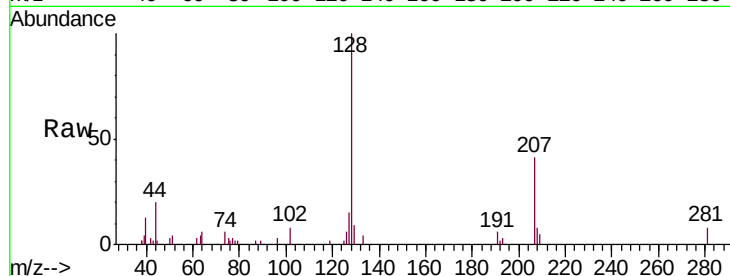
Tgt Ion:128 Resp: 12841

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.2

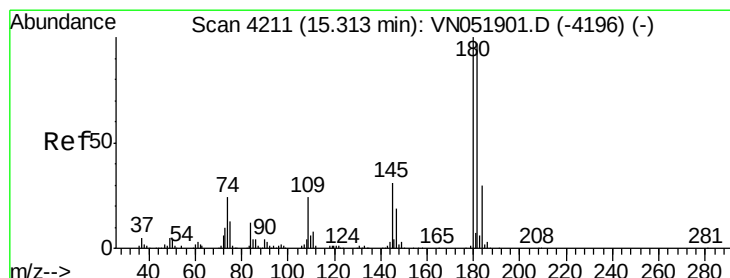
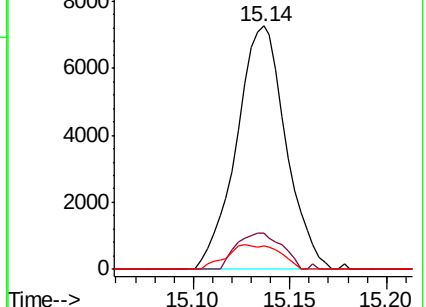
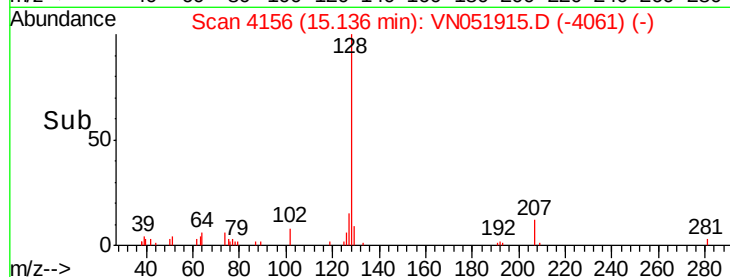
129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.587 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

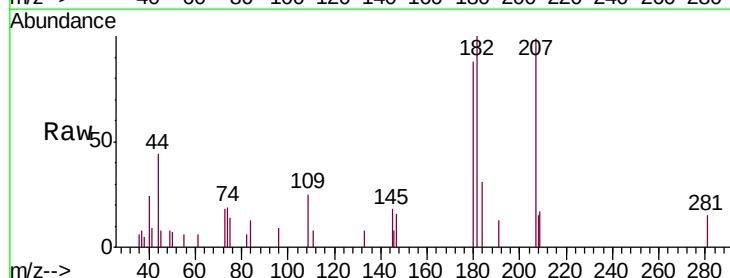
Tgt Ion:180 Resp: 4930

Ion Ratio Lower Upper

180 100

182 107.7 47.9 143.8

145 13.8 15.2 45.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

