

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051786.D
 Acq On : 10 Oct 2018 13:16
 Operator : MD\SY
 Sample : PB113684ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#01

Quant Time: Oct 11 01:56:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	800783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1150565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1026994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	391231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	466175	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
35) Dibromofluoromethane	7.59	113	425698	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	10.09	98	1640603	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.40	95	473286	40.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.58%	

Target Compounds

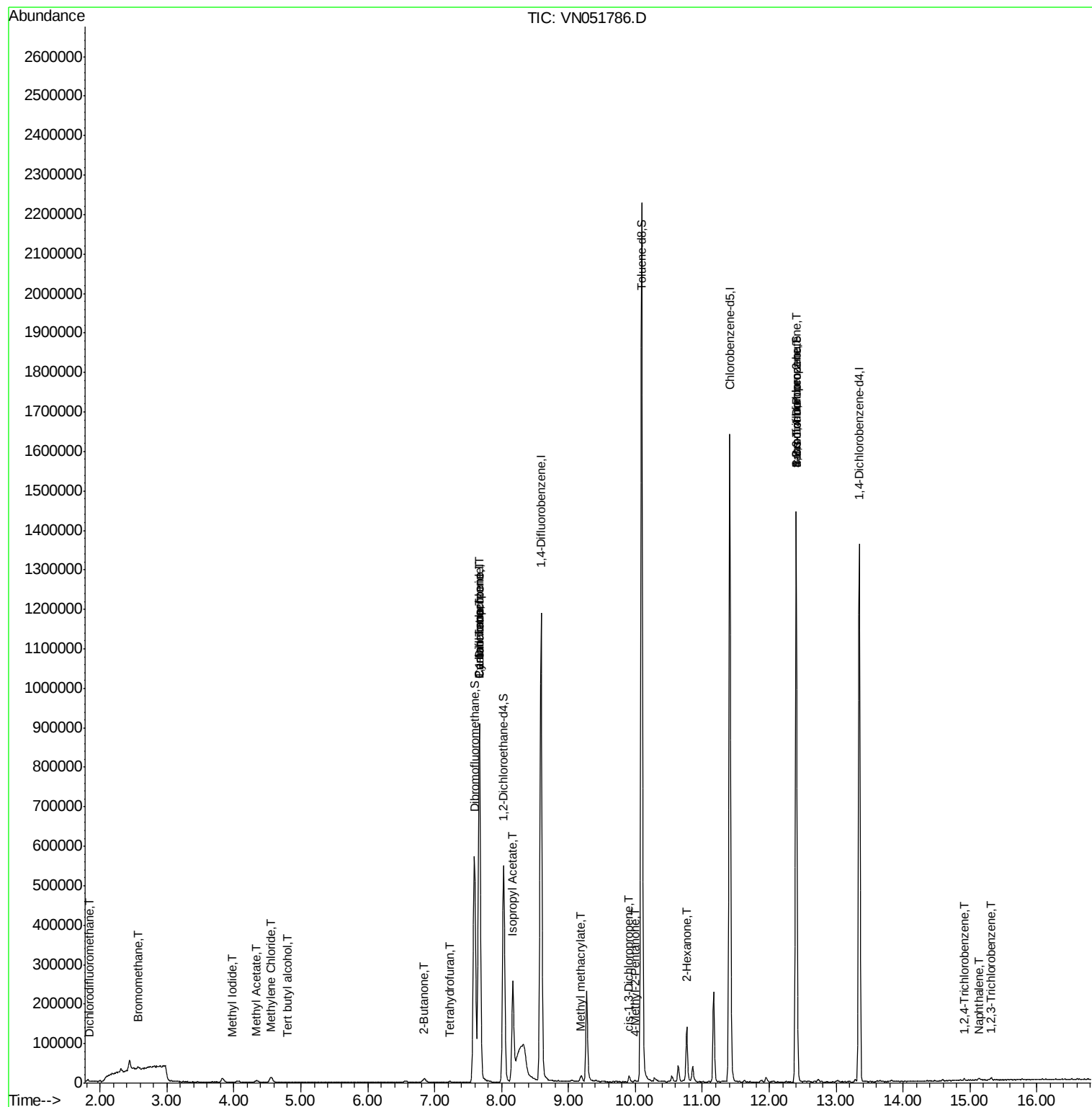
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	175	1.166	ug/l #	42
5) Bromomethane	2.57	94	2860	0.258	ug/l #	80
7) Trichlorofluoromethane	3.02	101	409	Below Cal		99
10) Methyl Iodide	3.96	142	171	2.353	ug/l #	41
11) Tert butyl alcohol	4.79	59	172	0.239	ug/l #	73
13) Acrolein	3.63	56	195	Below Cal	#	44
16) Acetone	3.82	43	16019	Below Cal		98
18) Methyl Acetate	4.33	43	5062	0.867	ug/l #	74
20) Methylene Chloride	4.55	84	5407	0.621	ug/l	98
25) 2-Butanone	6.84	43	3423	1.121	ug/l	100
29) Tetrahydrofuran	7.22	42	1223	0.652	ug/l #	85
31) Cyclohexane	7.67	56	14527	1.012	ug/l #	34
36) 1,1-Dichloropropene	7.66	75	51222	4.259	ug/l #	49
38) Carbon Tetrachloride	7.67	117	71716	4.970	ug/l #	15
41) Methacrylonitrile	7.17	41	93	Below Cal	#	13
43) Isopropyl Acetate	8.17	43	309815	23.691	ug/l	99
48) Methyl methacrylate	9.18	41	7421	1.242	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	2604	0.393	ug/l	90
54) cis-1,3-Dichloropropene	9.91	75	3387	0.229	ug/l #	54
59) 2-Hexanone	10.77	43	21268	4.726	ug/l #	58
71) Bromoform	12.40	173	3670	0.484	ug/l #	1
74) N-amyl acetate	12.07	43	172	Below Cal	#	69
75) 1,1,2,2-Tetrachloroethane	12.51	83	61	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	248088	51.127	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	248088	116.564	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.91	180	1755	0.279	ug/l	91
95) Naphthalene	15.13	128	5296	0.390	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	2046	0.331	ug/l	76

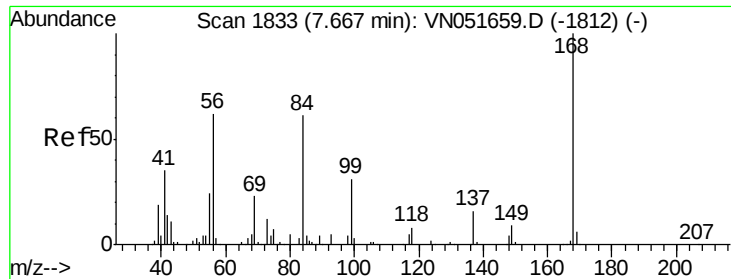
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 11 01:56:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

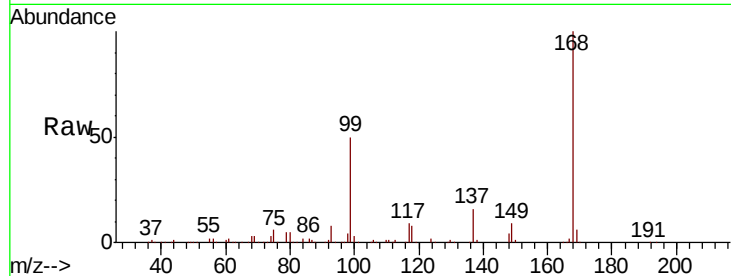
PB113684ZHE#01

Tot Ion:168 Resp: 800783

Ion Ratio Lower Upper

168 100

99 50.3 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

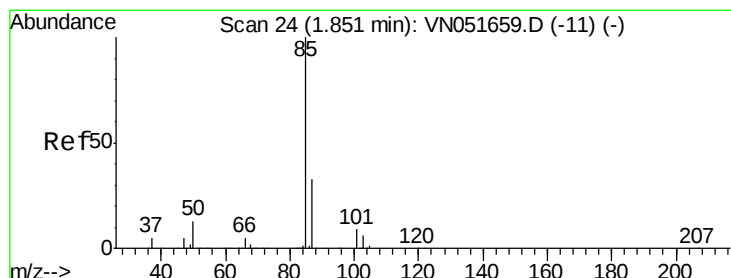
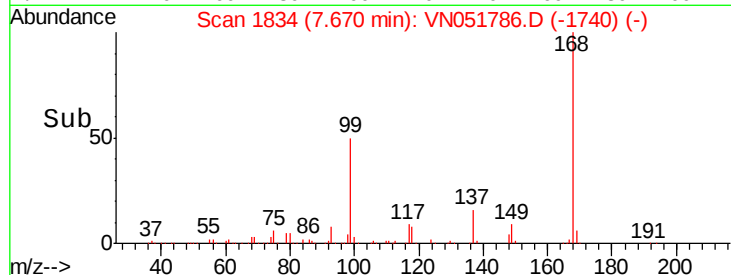
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.166 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051786.D

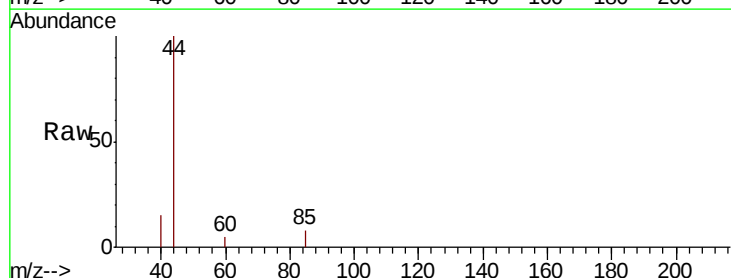
Acq: 10 Oct 2018 13:16

Tgt Ion: 85 Resp: 175

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

300

250

200

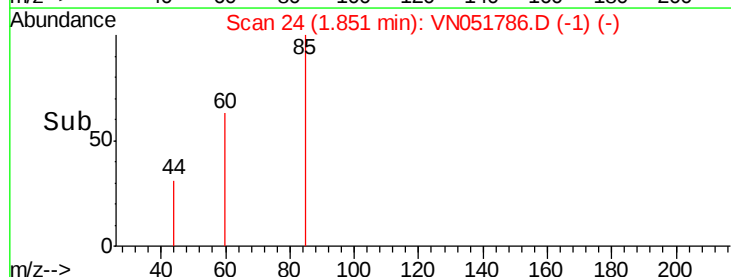
150

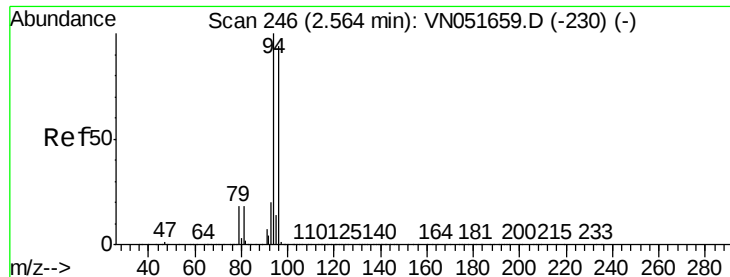
100

50

0

Time-->





#5

Bromomethane

Concen: 0.258 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

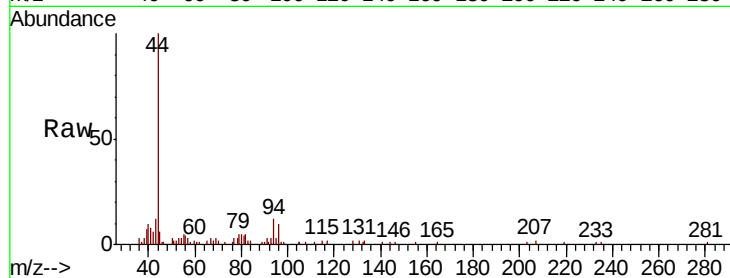
PB113684ZHE#01

Tot Ion: 94 Resp: 2860

Ion Ratio Lower Upper

94 100

96 74.5 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VN051659.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN051659.D (-230) (-)

2.57

1500

1000

500

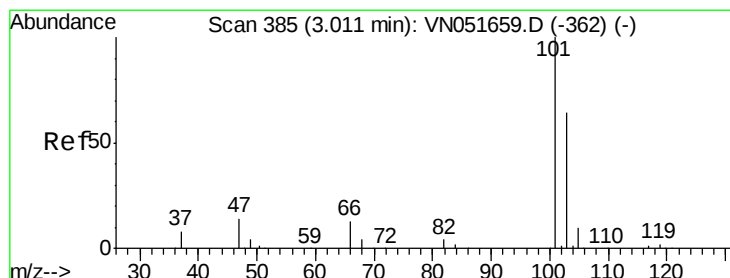
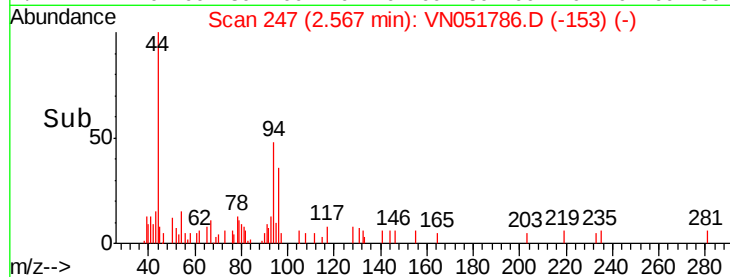
0

Time-->

2.50

2.55

2.60



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.02 min Scan# 389

Delta R.T. 0.01 min

Lab File: VN051786.D

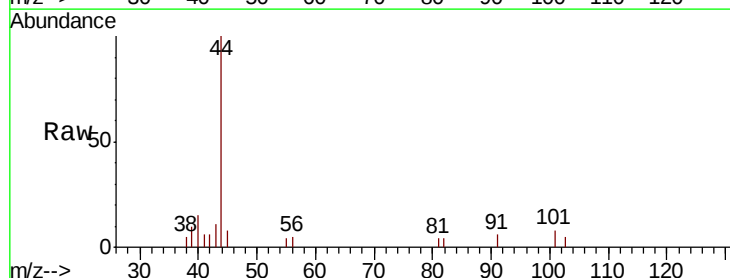
Acq: 10 Oct 2018 13:16

Tgt Ion: 101 Resp: 409

Ion Ratio Lower Upper

101 100

103 62.8 51.1 76.7



Abundance Ion 100.90 (100.60 to 101.60): VN051659.D (-362) (-)

Ion 102.80 (102.50 to 103.50): VN051659.D (-362) (-)

3.02

300

200

100

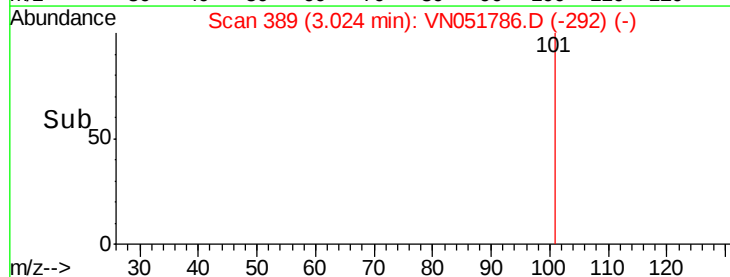
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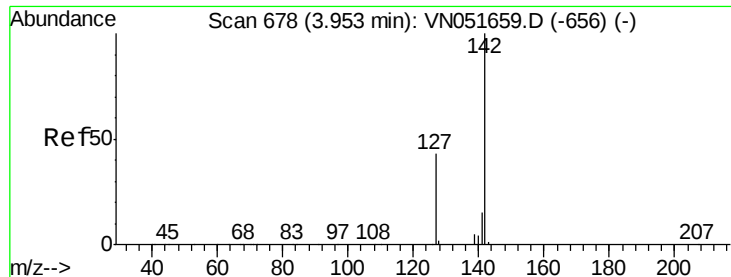
Time-->

3.00

3.02

3.04

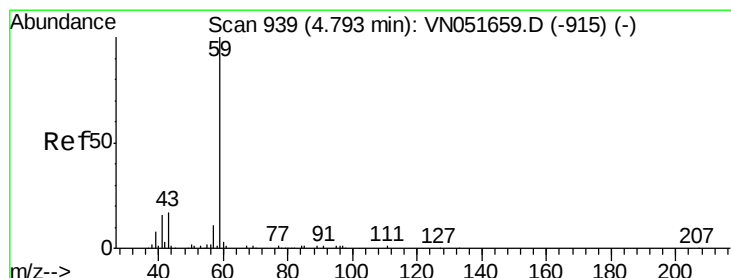
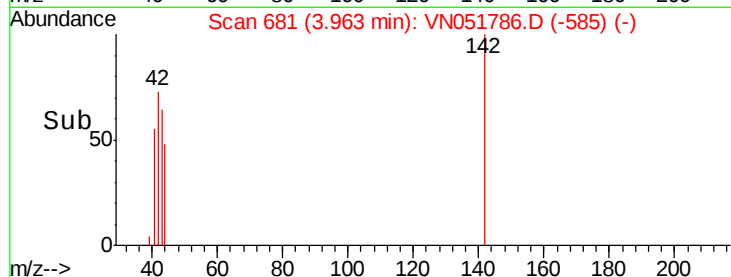
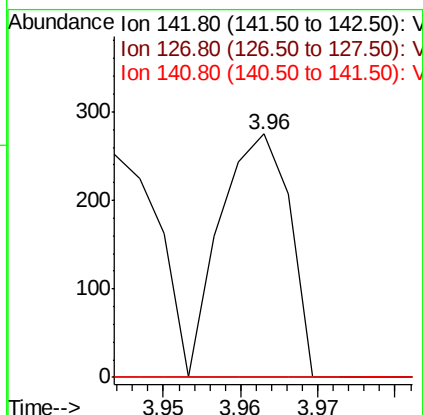
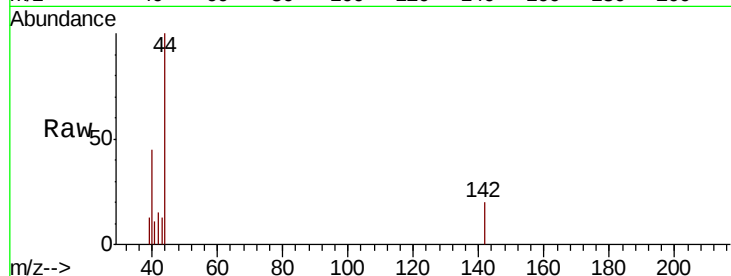




#10
Methyl Iodide
Concen: 2.353 ug/l
RT: 3.96 min Scan# 681
Delta R.T. 0.01 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

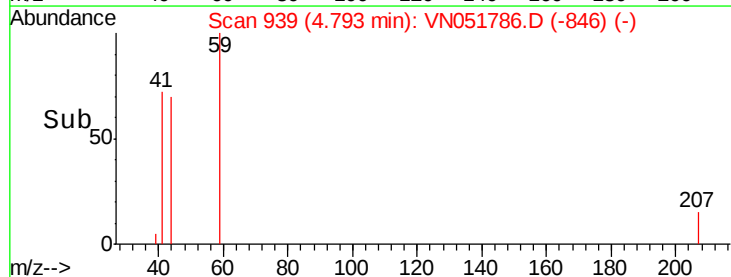
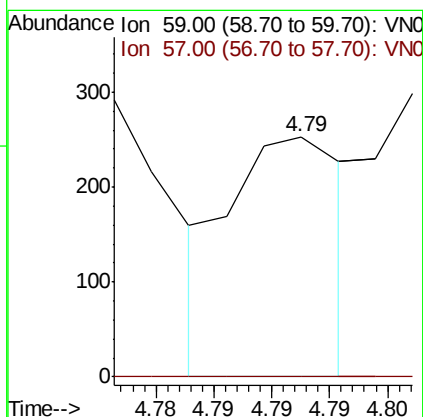
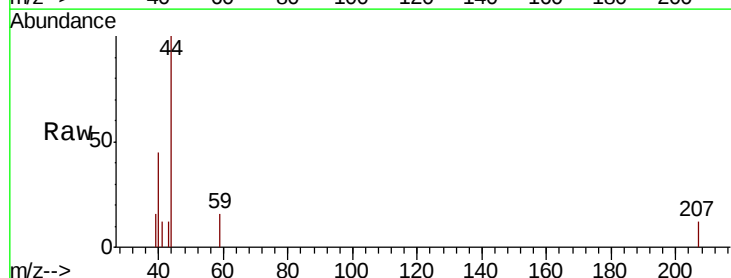
Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#01

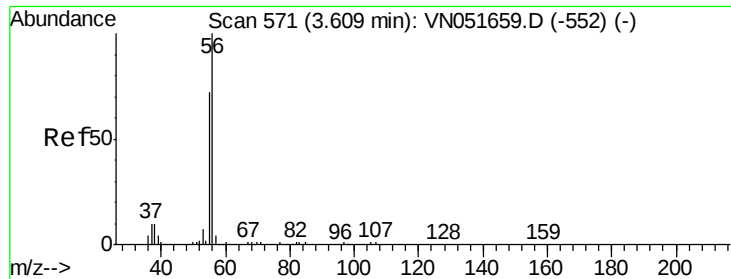
Tot Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.239 ug/l
RT: 4.79 min Scan# 939
Delta R.T. -0.00 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 3.63 min Scan# 576

Delta R.T. 0.02 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

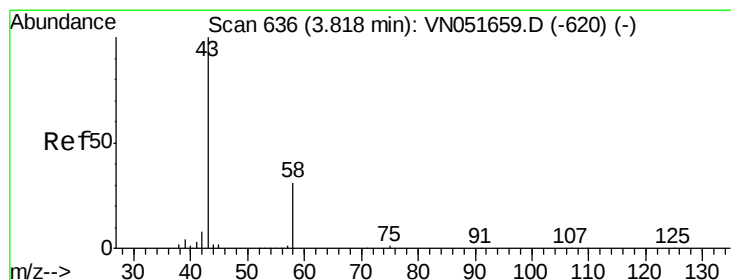
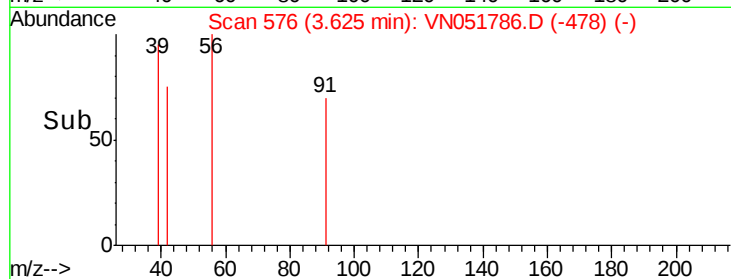
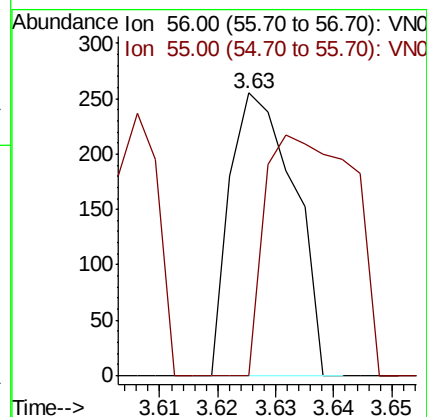
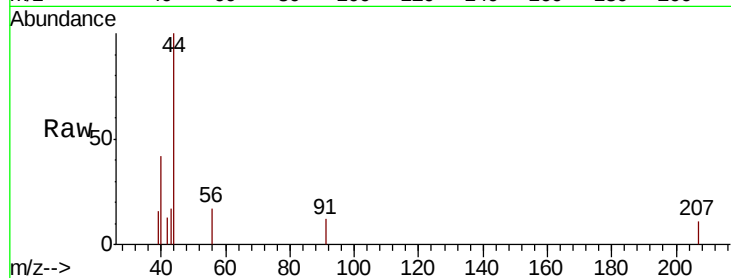
PB113684ZHE#01

Tot Ion: 56 Resp: 195

Ion Ratio Lower Upper

56 100

55 118.5 57.5 86.3#



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051786.D

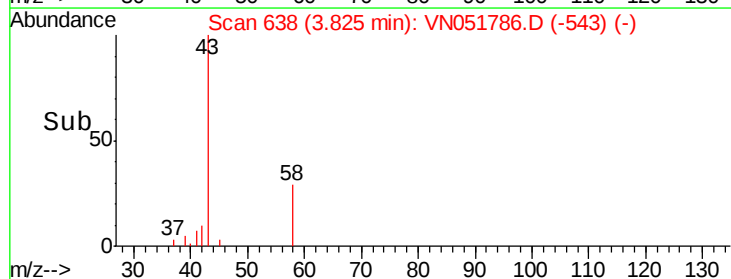
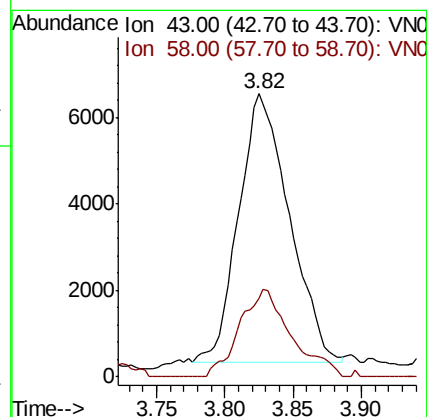
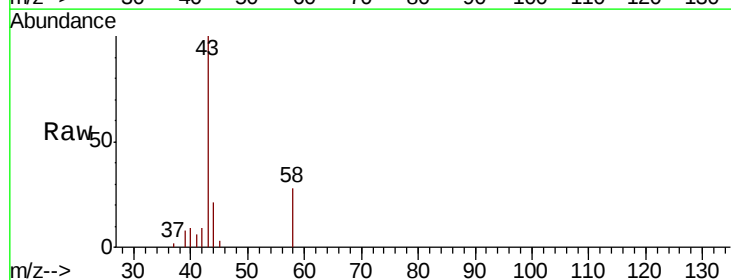
Acq: 10 Oct 2018 13:16

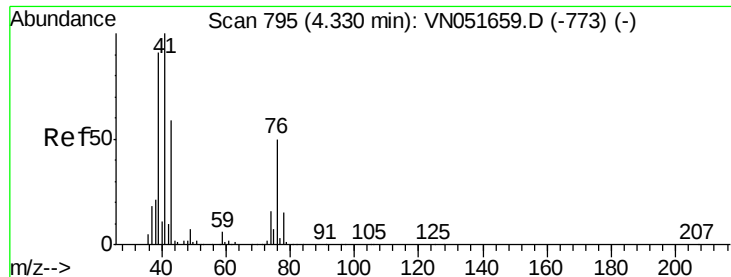
Tgt Ion: 43 Resp: 16019

Ion Ratio Lower Upper

43 100

58 29.4 24.3 36.5

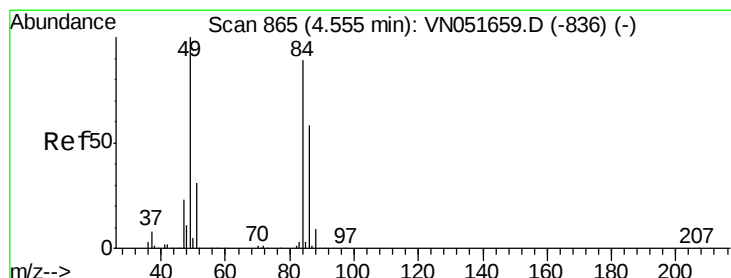
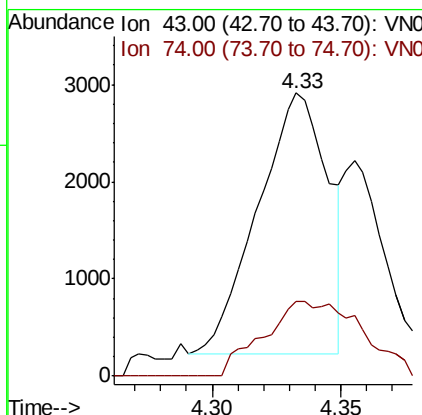
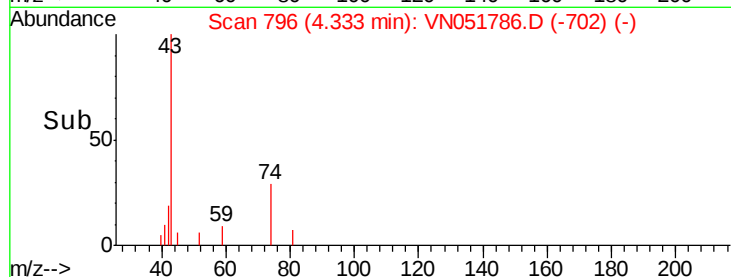
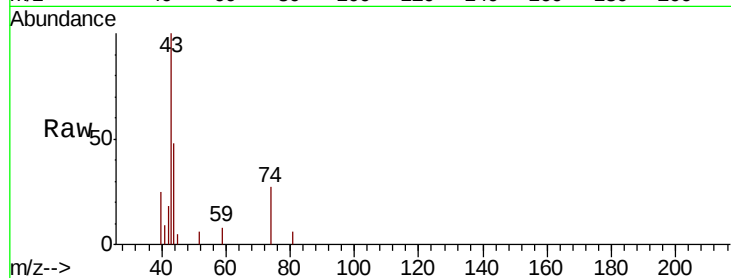




#18
Methvl Acetate
Concen: 0.867 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

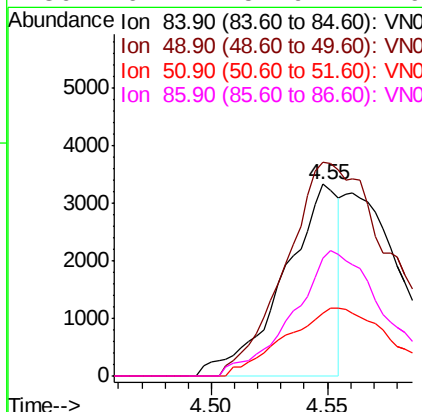
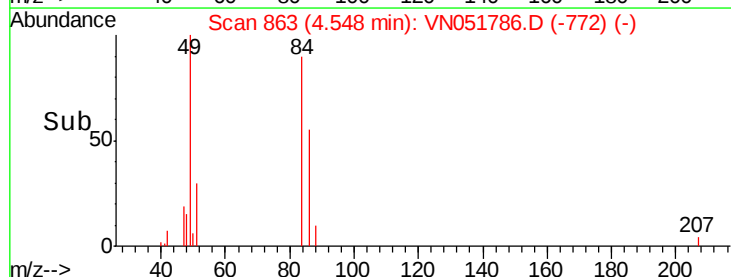
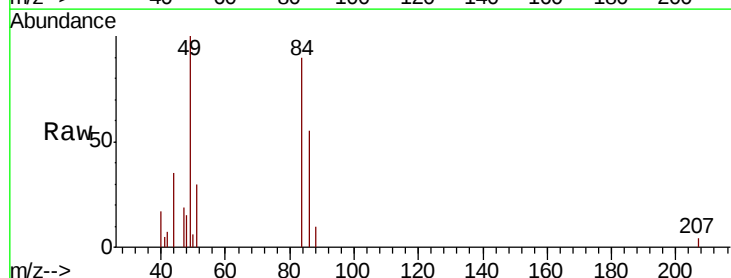
Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#01

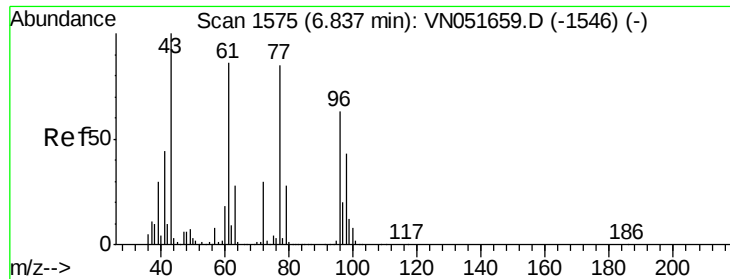
Tot Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
74 40.2 21.5 32.3#



#20
Methylene Chloride
Concen: 0.621 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

Tgt Ion: 84 Resp: 5407
Ion Ratio Lower Upper
84 100
49 111.6 89.5 134.3
51 33.0 27.4 41.0
86 61.7 51.9 77.9





#25

2-Butanone

Concen: 1.121 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

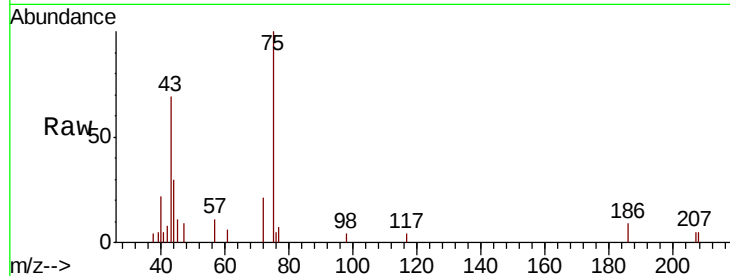
PB113684ZHE#01

Tot Ion: 43 Resp: 3423

Ion Ratio Lower Upper

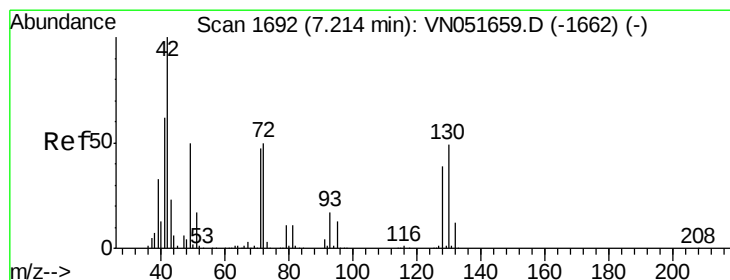
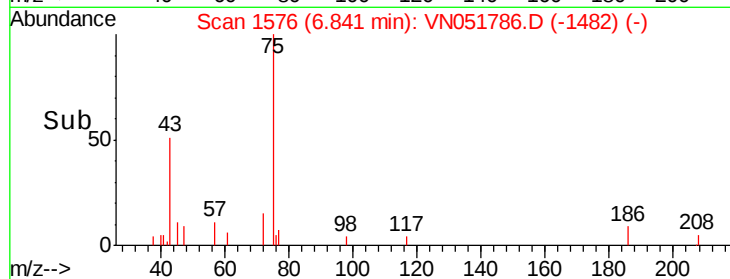
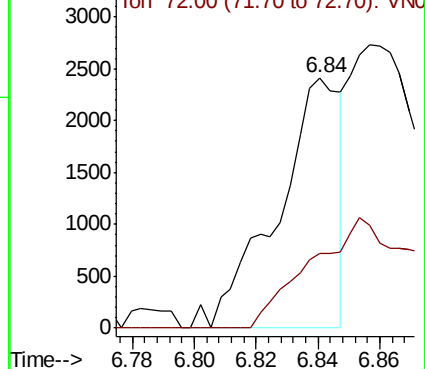
43 100

72 30.0 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN051786.D (-1576) (-)

Ion 72.00 (71.70 to 72.70): VN051786.D (-1576) (-)



#29

Tetrahydrofuran

Concen: 0.652 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

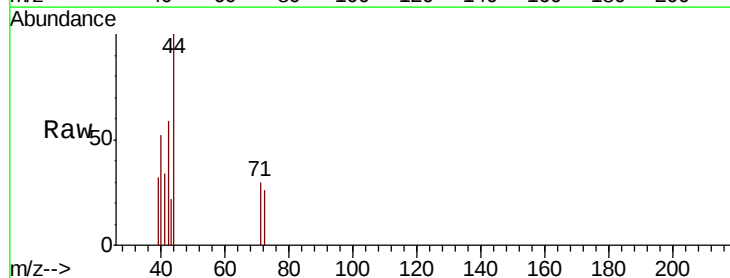
Tgt Ion: 42 Resp: 1223

Ion Ratio Lower Upper

42 100

72 39.9 40.1 60.1#

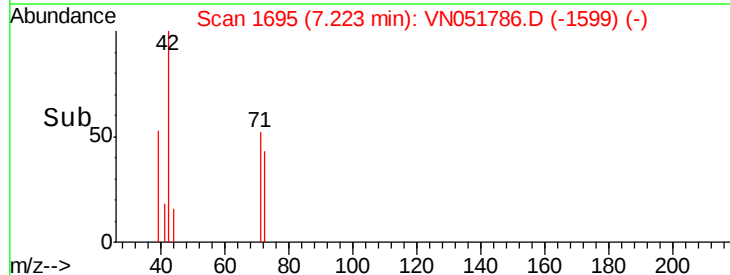
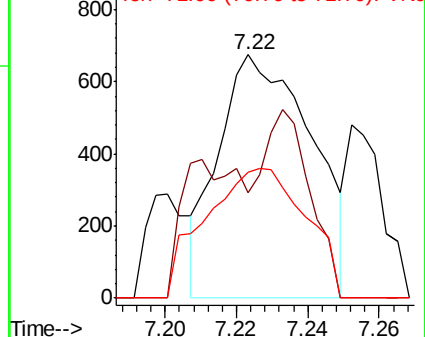
71 57.2 38.0 57.0#

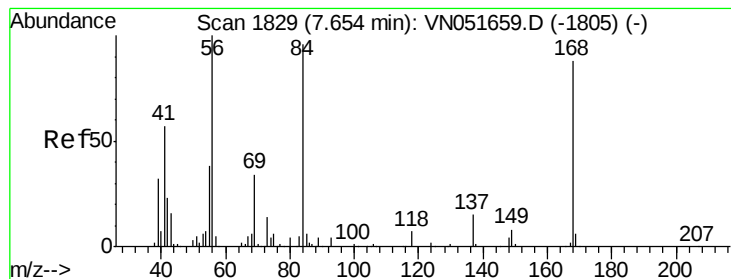


Abundance Ion 42.00 (41.70 to 42.70): VN051786.D (-1695) (-)

Ion 72.00 (71.70 to 72.70): VN051786.D (-1695) (-)

Ion 71.00 (70.70 to 71.70): VN051786.D (-1695) (-)





#31

Cyclohexane

Concen: 1.012 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#01

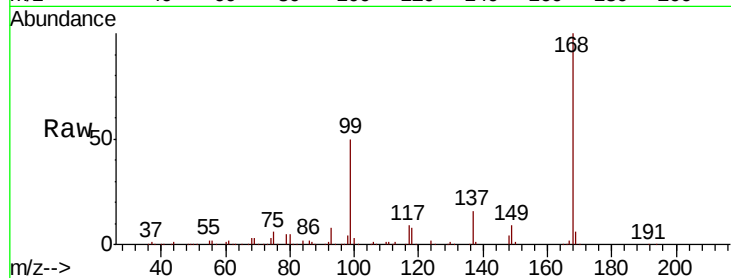
Tot Ion: 56 Resp: 14527

Ion Ratio Lower Upper

56 100

69 159.3 27.5 41.3#

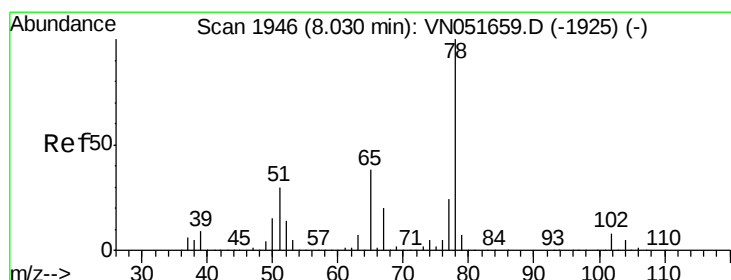
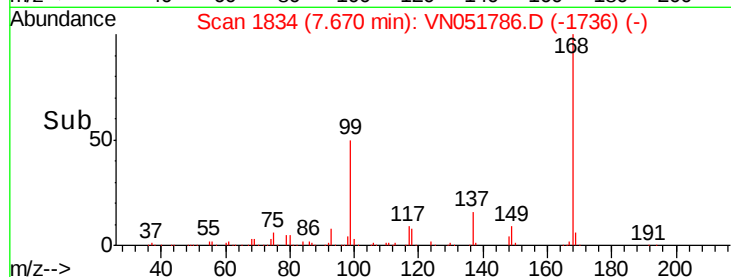
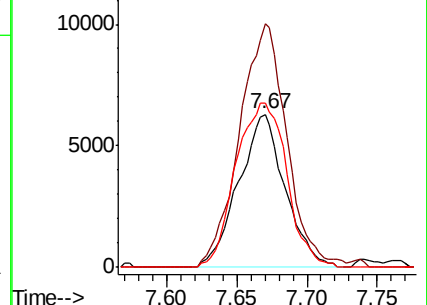
84 107.1 76.7 115.1



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: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051786.D

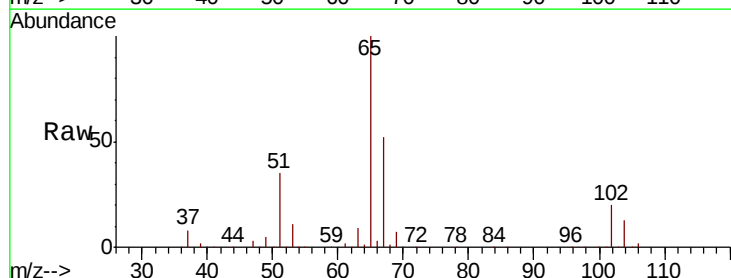
Acq: 10 Oct 2018 13:16

Tgt Ion: 65 Resp: 466175

Ion Ratio Lower Upper

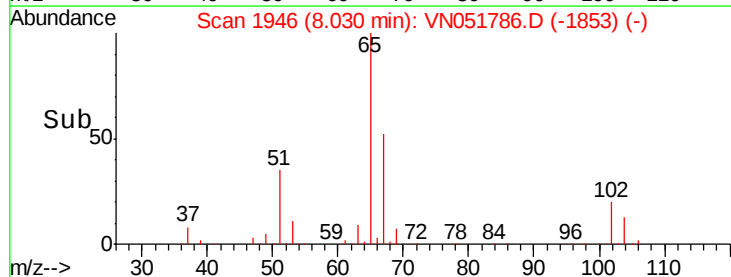
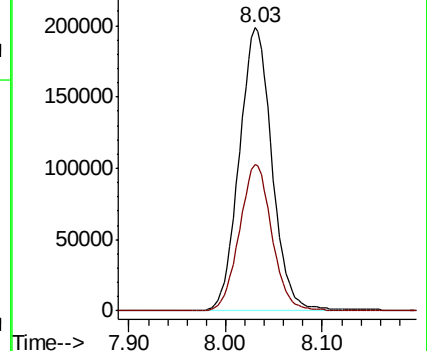
65 100

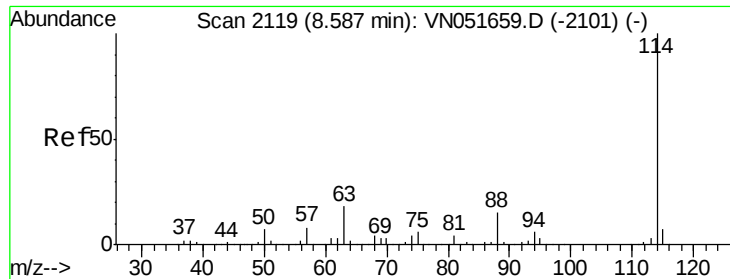
67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

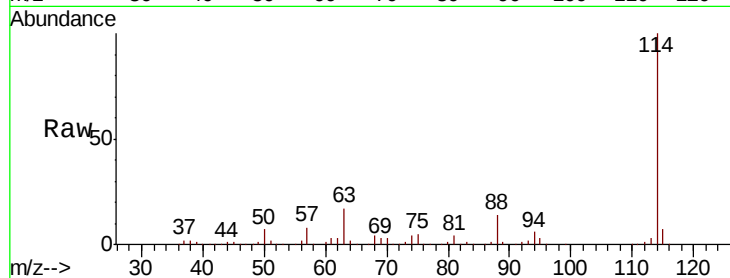




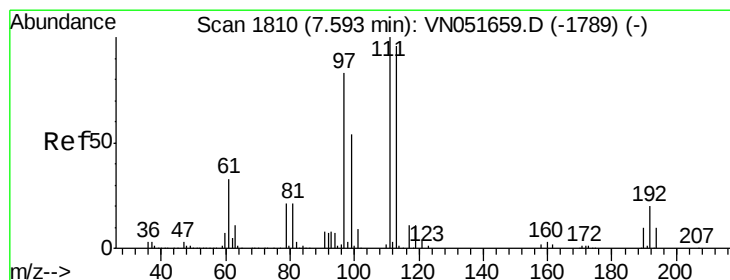
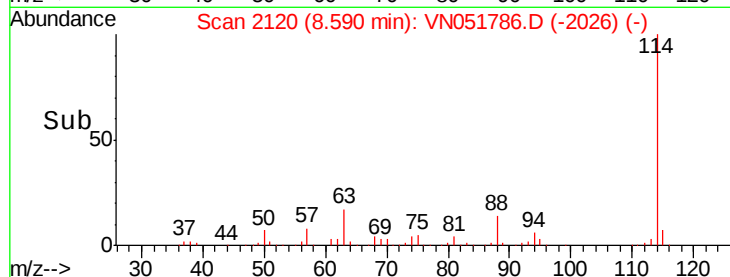
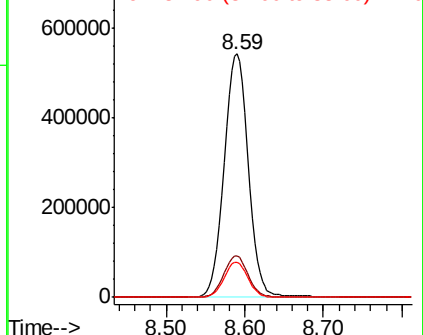
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051786.D
 Acq: 10 Oct 2018 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#01

Tot Ion:114 Resp: 1150565
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.2
 88 14.3 0.0 30.2

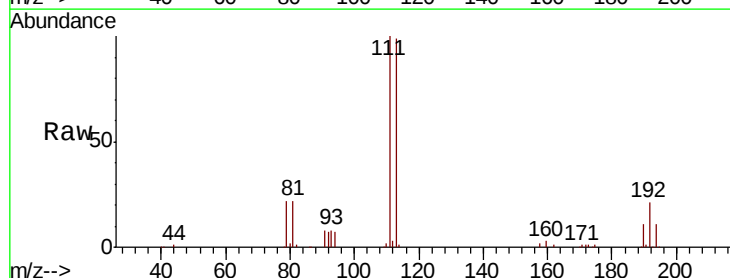


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

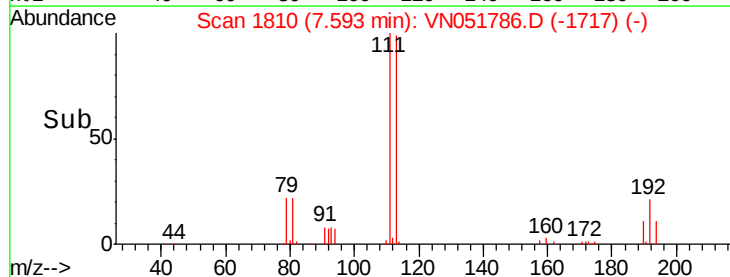
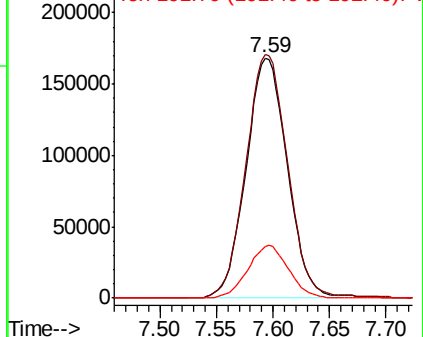


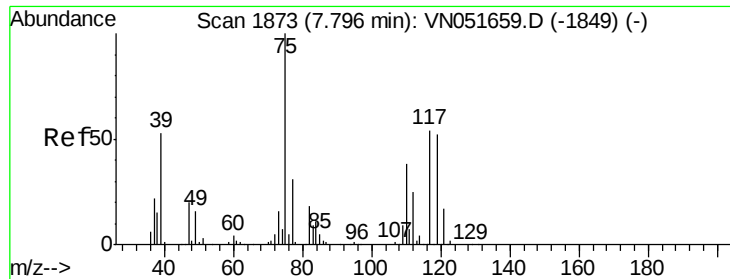
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051786.D
 Acq: 10 Oct 2018 13:16

Tgt Ion:113 Resp: 425698
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 21.8 16.5 24.7



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

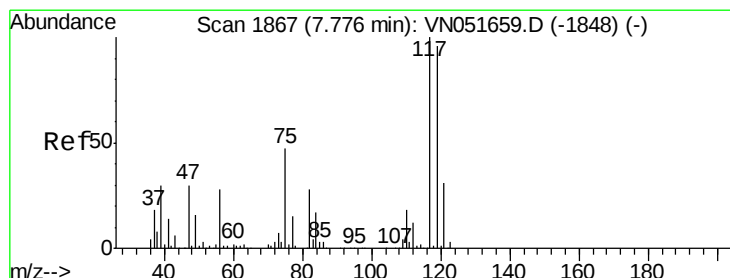
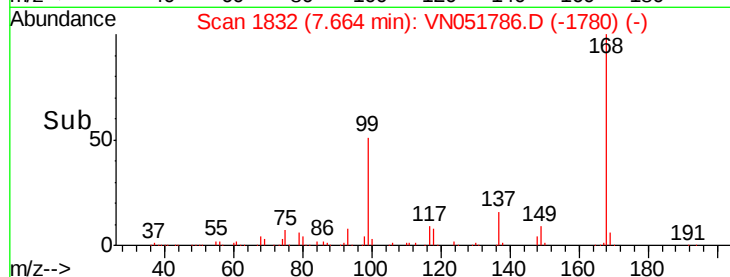
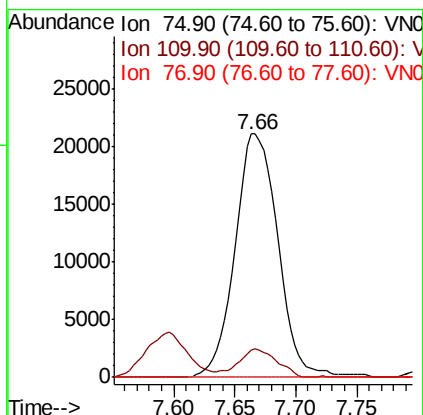
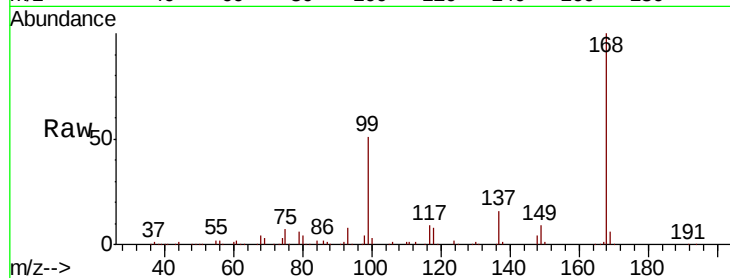




#36
 1,1-Dichloropropene
 Concen: 4.259 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051786.D
 Acq: 10 Oct 2018 13:16

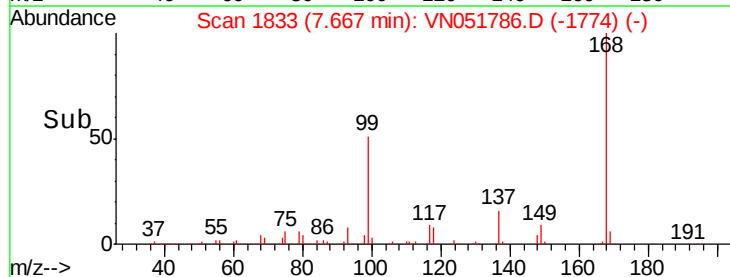
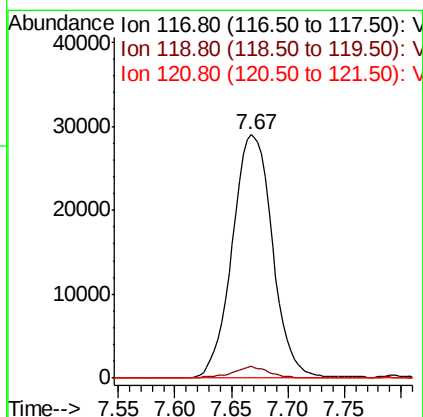
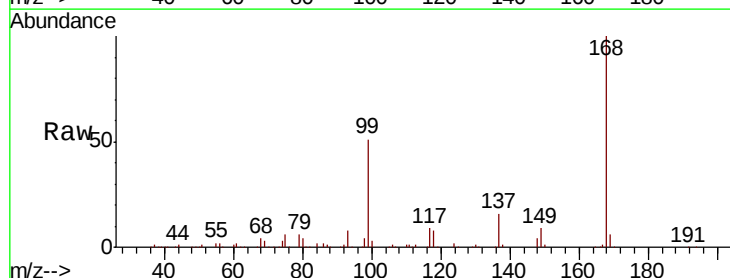
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#01

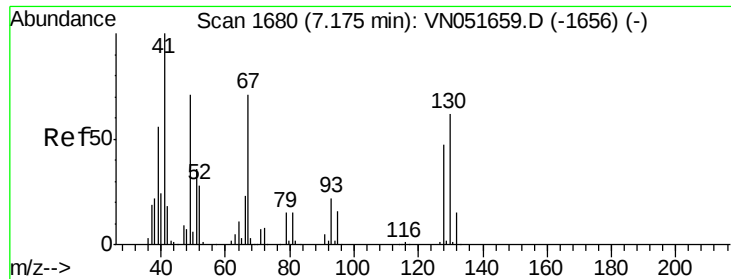
Tot Ion: 75 Resp: 51222
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.3 57.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 4.970 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051786.D
 Acq: 10 Oct 2018 13:16

Tgt Ion: 117 Resp: 71716
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.0 115.6#
 121 0.0 25.0 37.6#

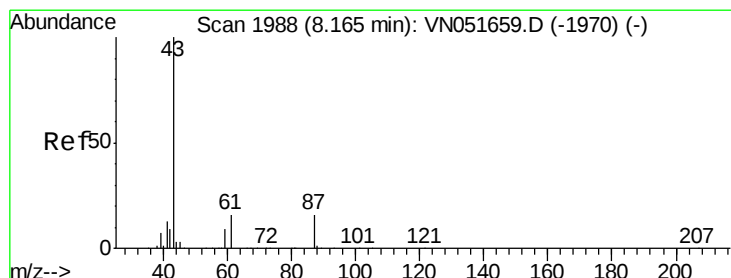
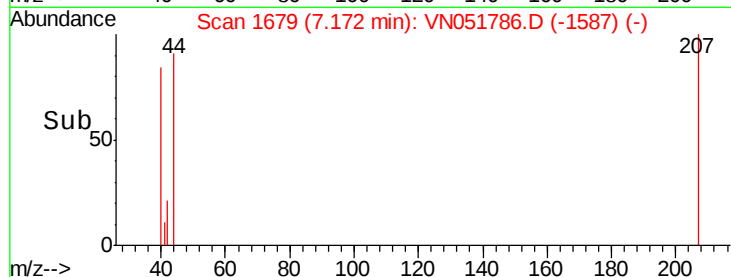
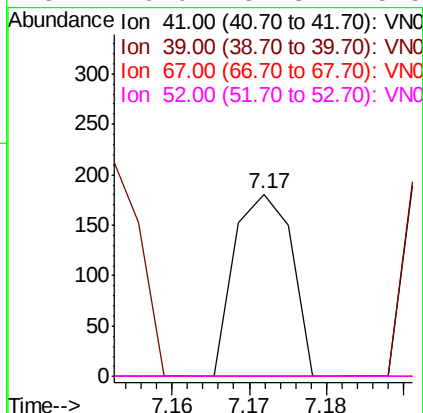
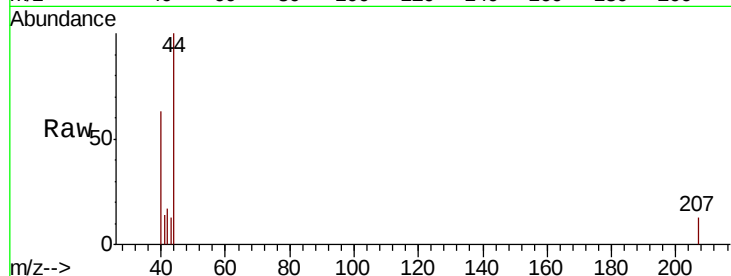




#41
Methacrylonitrile
Concen: Below Cal
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

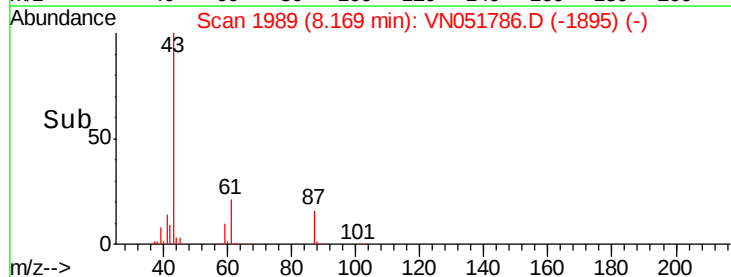
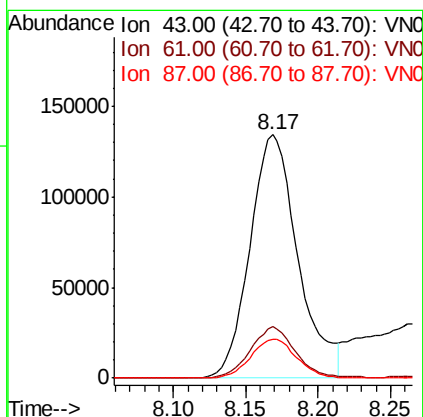
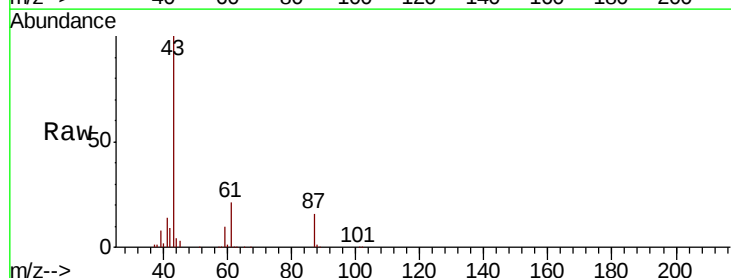
Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#01

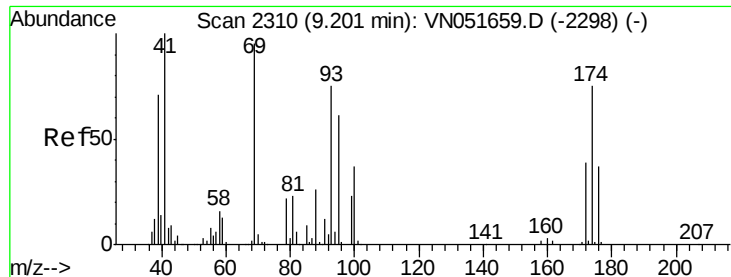
Tot Ion:	41	Resp:	93
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.9	80.9#
67	0.0	78.1	117.1#
52	0.0	32.3	48.5#



#43
Isopropyl Acetate
Concen: 23.691 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

Tgt Ion:	43	Resp:	309815
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.8	23.6
87	15.4	12.6	19.0

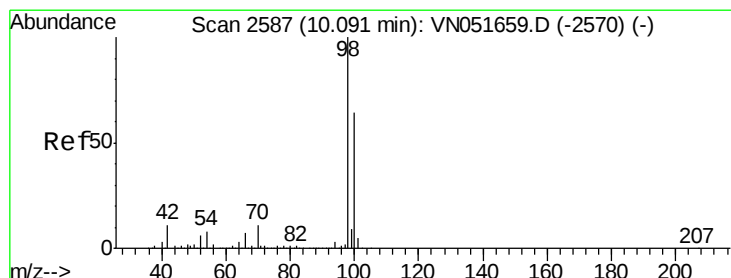
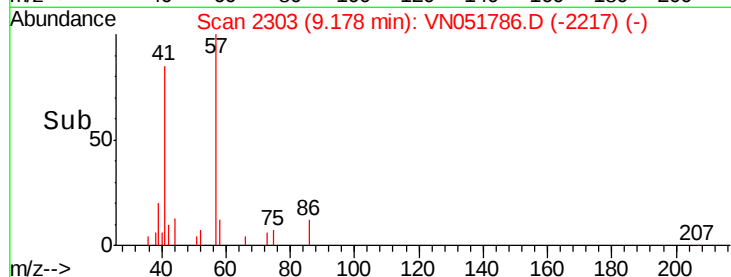
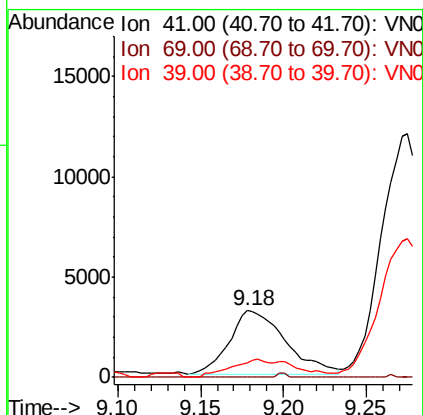
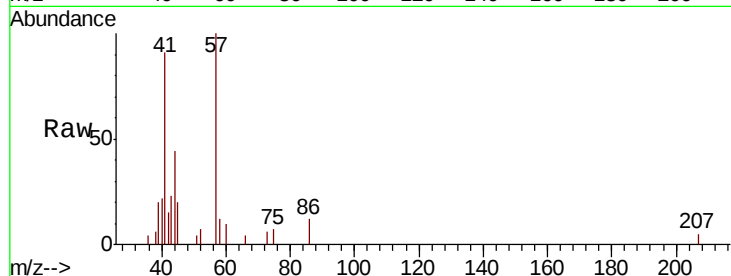




#48
Methyl methacrylate
Concen: 1.242 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

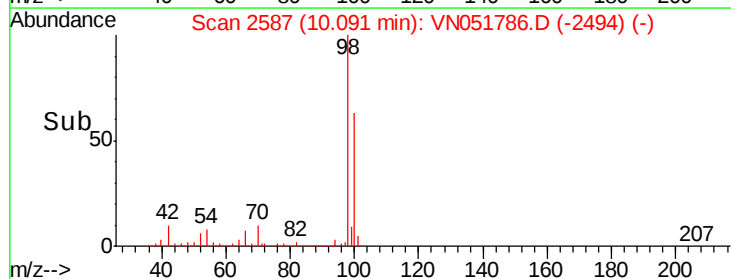
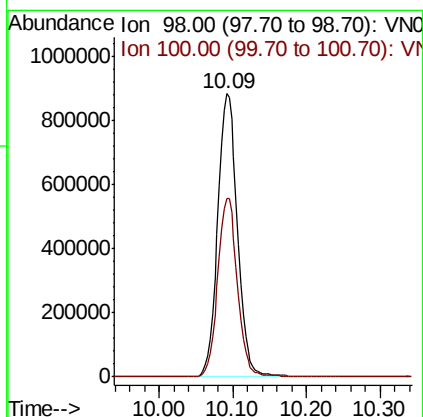
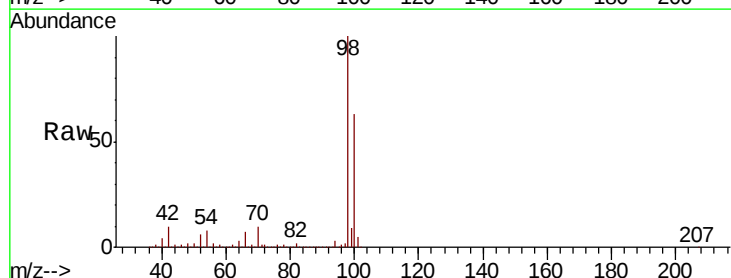
Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#01

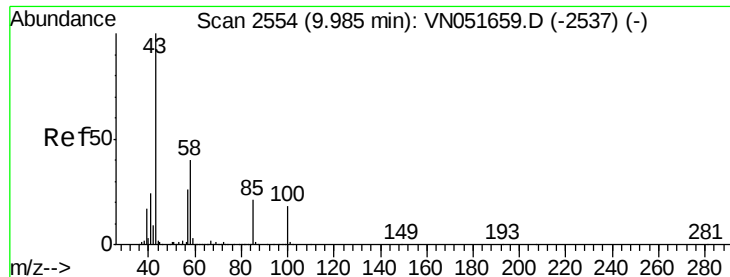
Tot Ion: 41 Resp: 7421
Ion Ratio Lower Upper
41 100
69 0.0 78.6 118.0#
39 18.8 59.2 88.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

Tgt Ion: 98 Resp: 1640603
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3

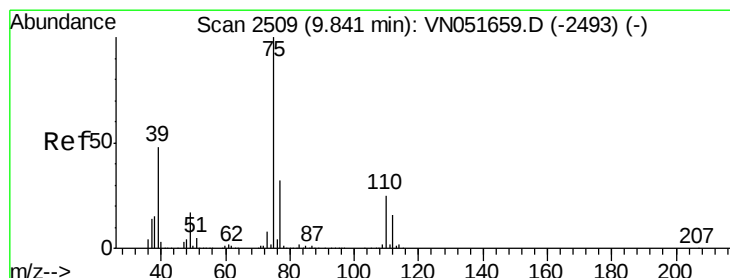
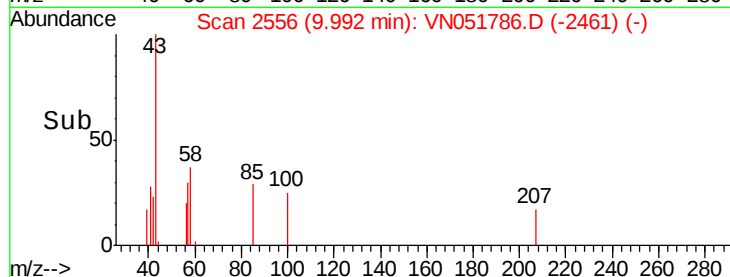
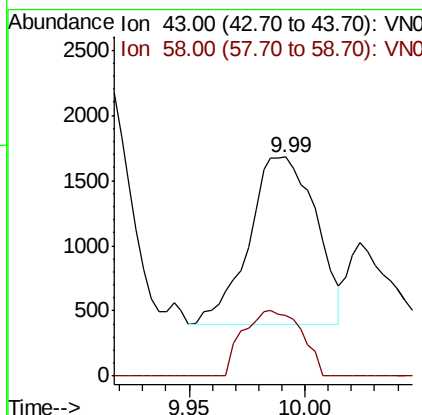
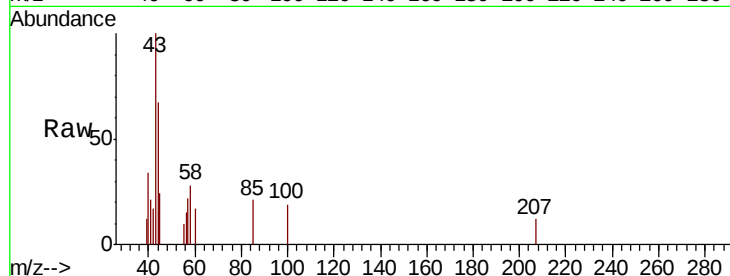




#51
 4-Methyl-2-Pentanone
 Concen: 0.393 ug/l
 RT: 9.99 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: VN051786.D
 Acq: 10 Oct 2018 13:16

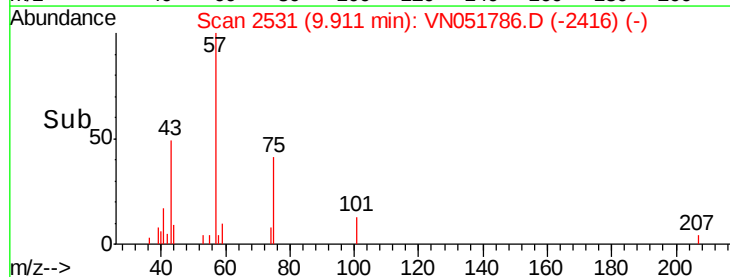
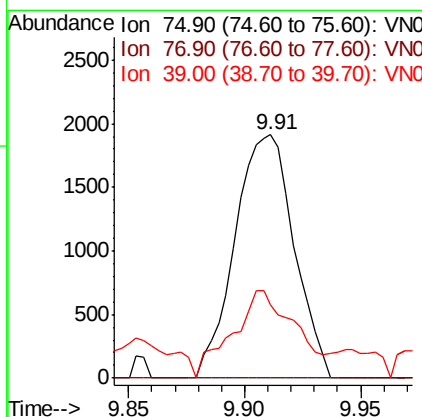
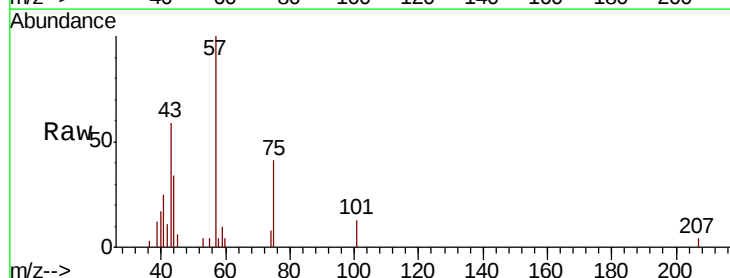
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#01

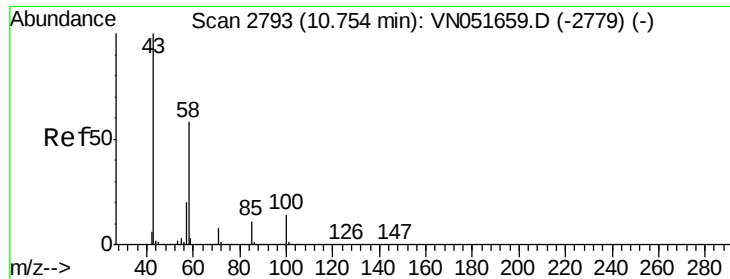
Tot Ion: 43 Resp: 2604
 Ion Ratio Lower Upper
 43 100
 58 33.8 32.2 48.2



#54
 cis-1,3-Dichloropropene
 Concen: 0.229 ug/l
 RT: 9.91 min Scan# 2531
 Delta R.T. 0.07 min
 Lab File: VN051786.D
 Acq: 10 Oct 2018 13:16

Tgt Ion: 75 Resp: 3387
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 21.5 38.1 57.1#





#59

2-Hexanone

Concen: 4.726 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

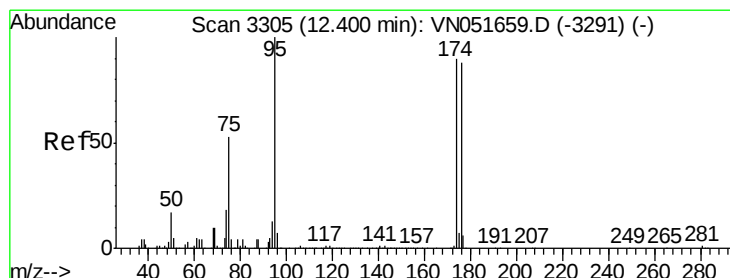
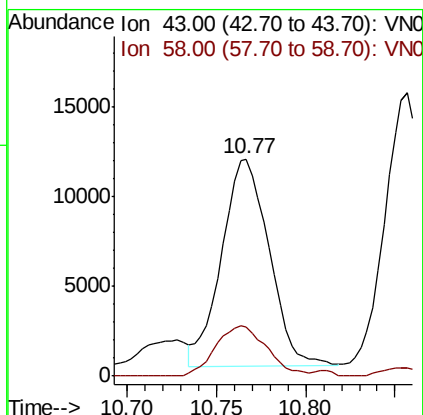
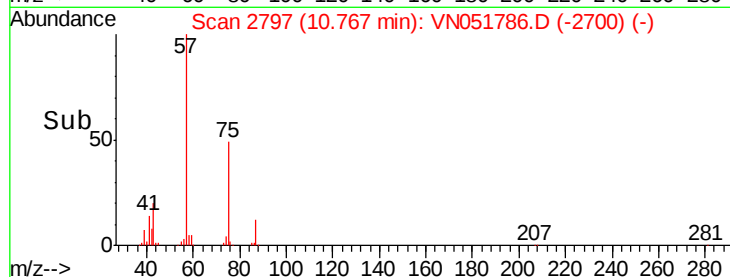
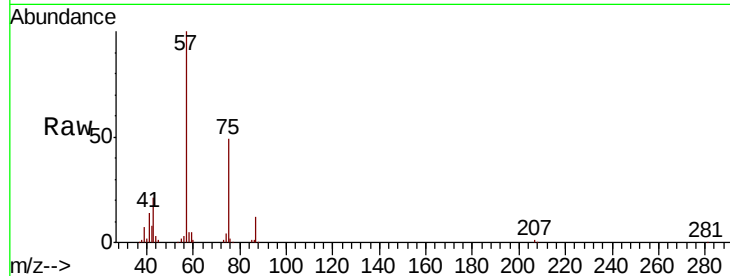
PB113684ZHE#01

Tot Ion: 43 Resp: 21268

Ion Ratio Lower Upper

43 100

58 26.5 28.8 86.4#



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

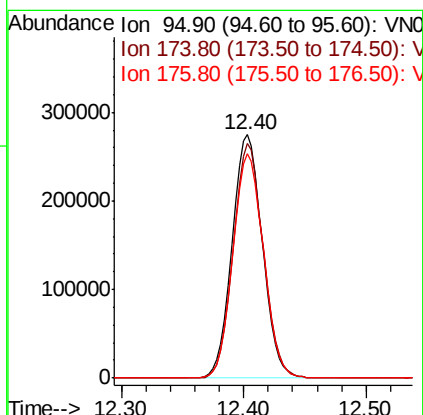
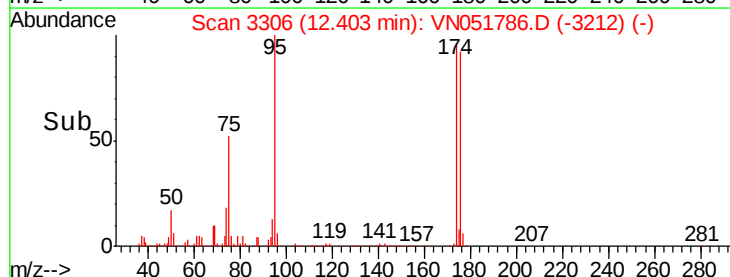
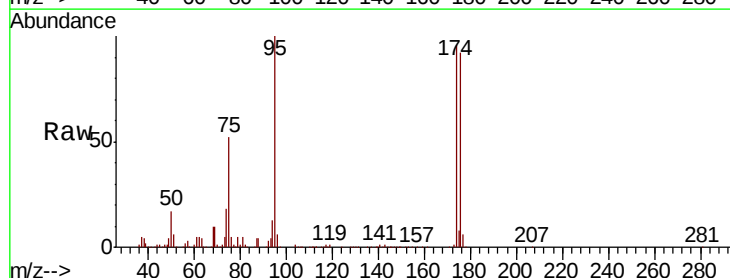
Tgt Ion: 95 Resp: 473286

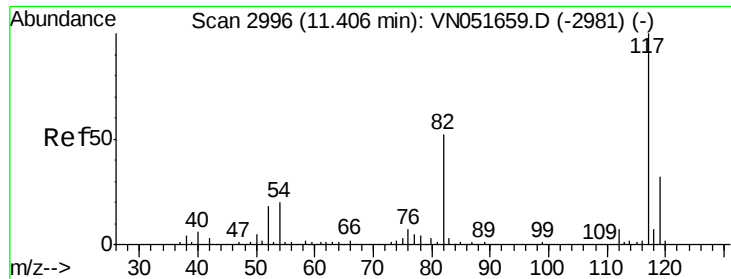
Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.8

176 93.0 0.0 176.4

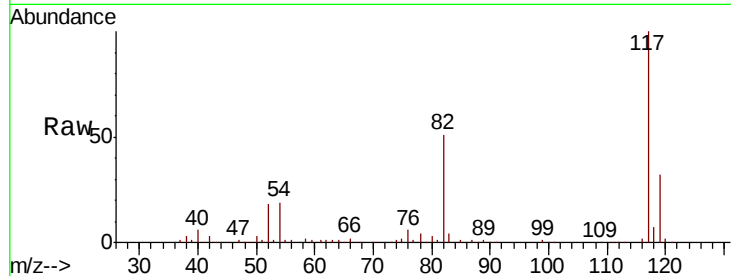




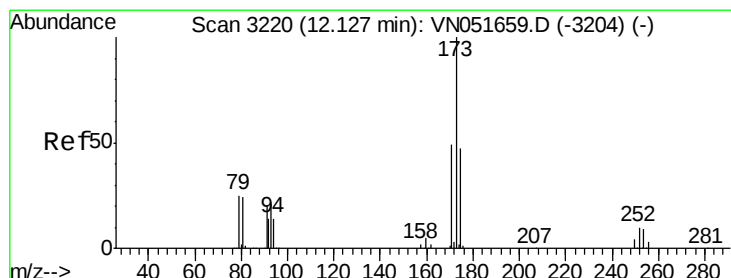
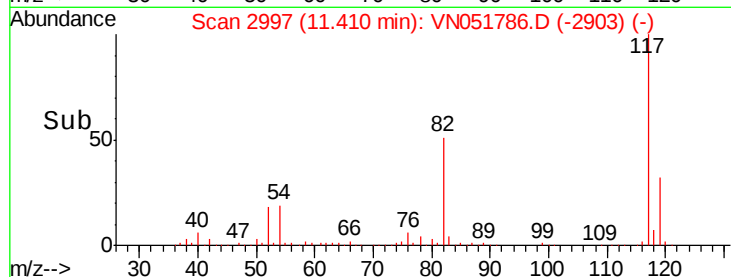
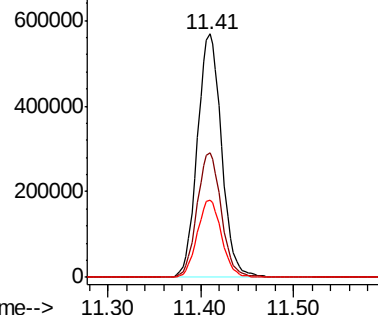
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#01

Tot Ion:117 Resp: 1026994
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 31.9 25.9 38.9

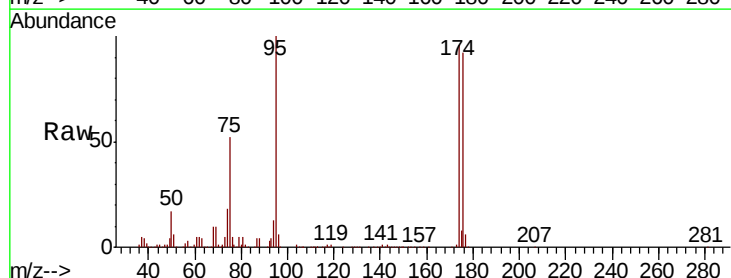


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

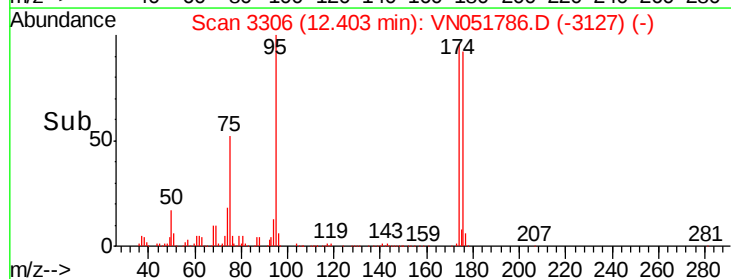
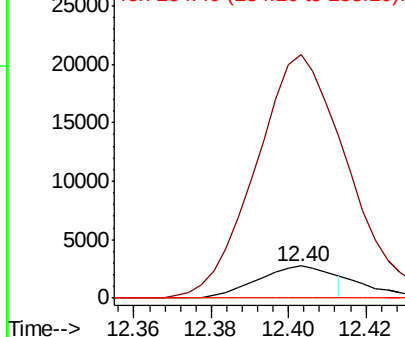


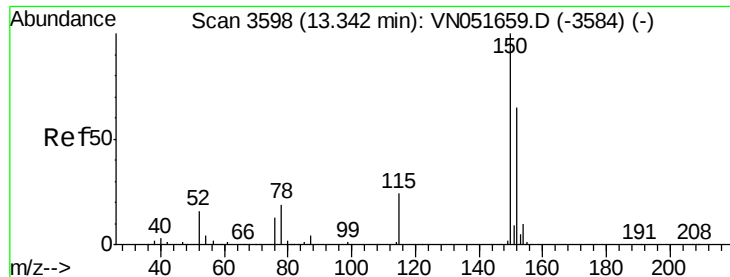
#71
Bromoform
Concen: 0.484 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051786.D
Acq: 10 Oct 2018 13:16

Tgt Ion:173 Resp: 3670
Ion Ratio Lower Upper
173 100
175 771.7 24.0 72.0#
254 0.0 0.1 0.1#



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: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#01

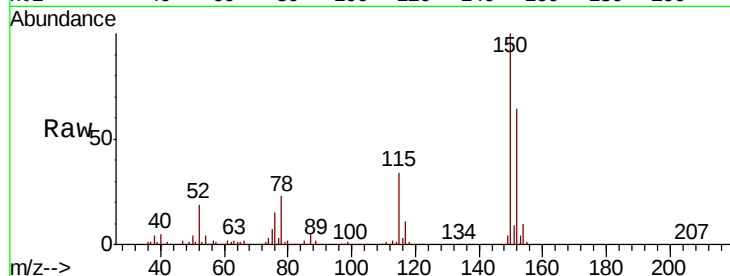
Tot Ion:152 Resp: 391231

Ion Ratio Lower Upper

152 100

115 54.6 28.6 85.8

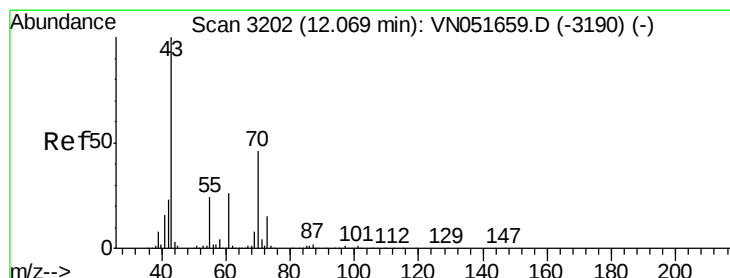
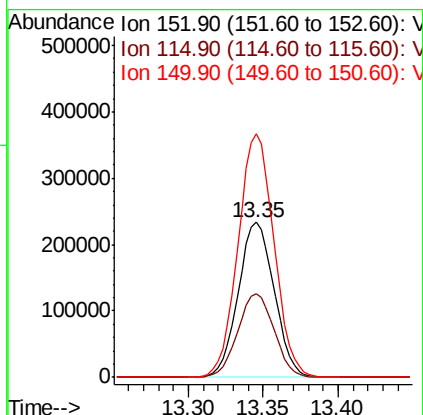
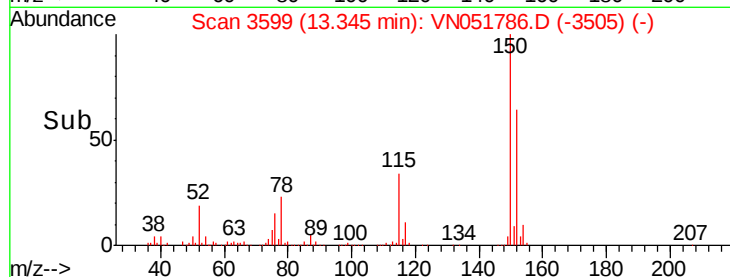
150 156.6 0.0 352.4



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: Below Cal

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Tgt Ion: 43 Resp: 172

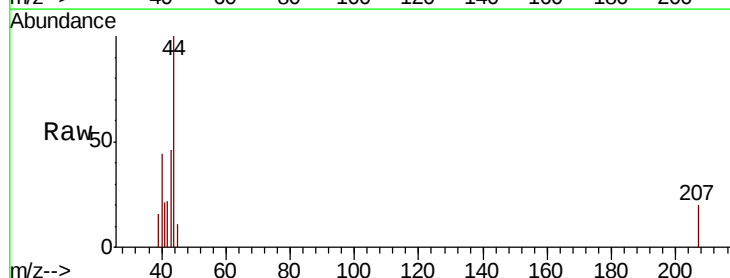
Ion Ratio Lower Upper

43 100

70 36.0 37.1 55.7#

55 42.4 19.1 28.7#

61 0.0 20.8 31.2#

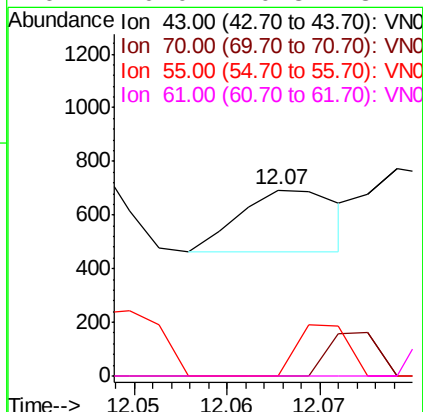
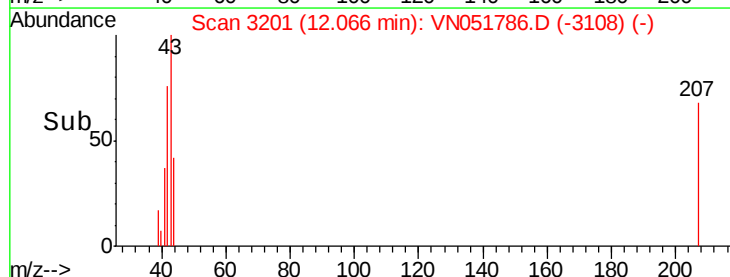


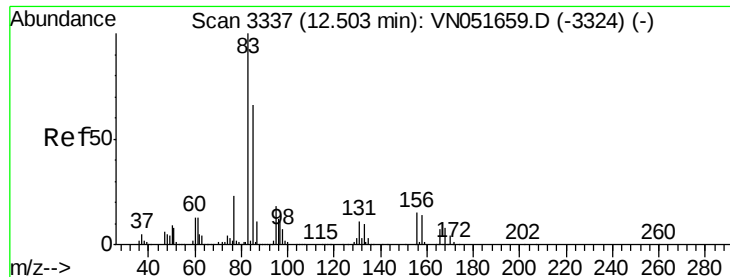
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#01

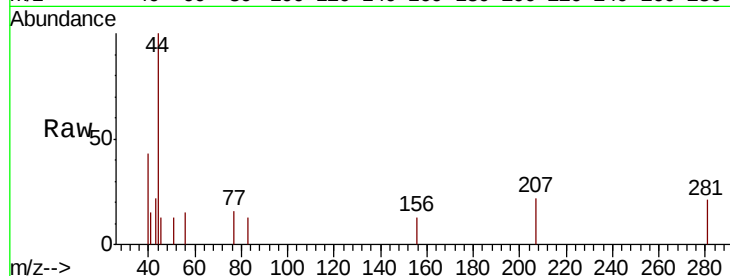
Tot Ion: 83 Resp: 61

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 0.0 33.0 98.9#



Abundance Ion 82.90 (82.60 to 83.60): VN051659.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN051659.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN051659.D (-3324) (-)

12.51

150

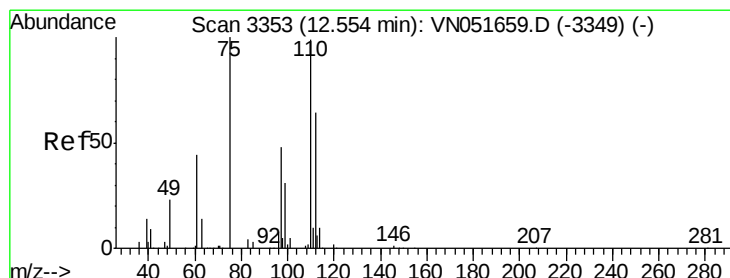
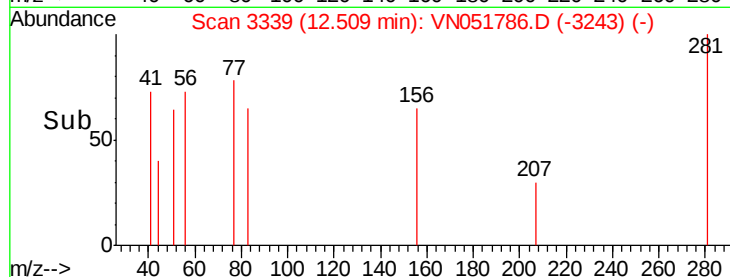
100

50

0

12.50 12.51 12.52

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.127 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051786.D

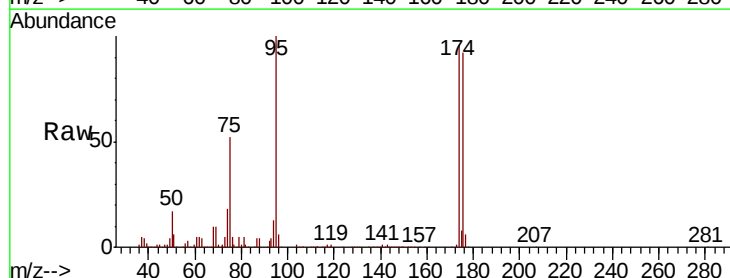
Acq: 10 Oct 2018 13:16

Tgt Ion: 75 Resp: 248088

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051659.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN051659.D (-3349) (-)

12.40

150000

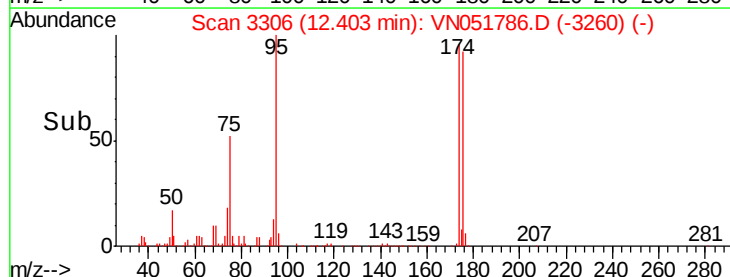
100000

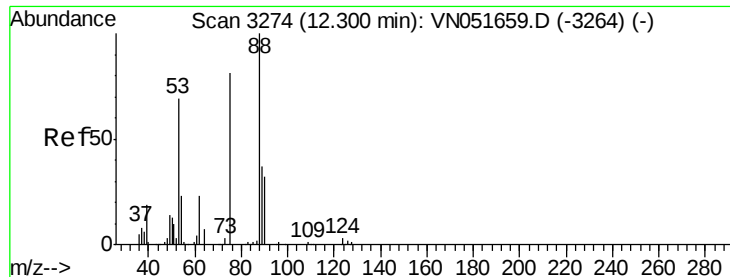
50000

0

12.40 12.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 116.564 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#01

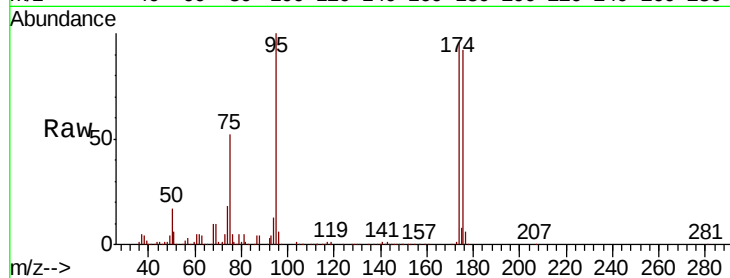
Tot Ion: 75 Resp: 248088

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

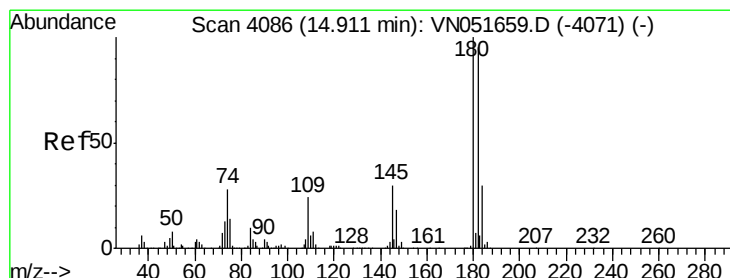
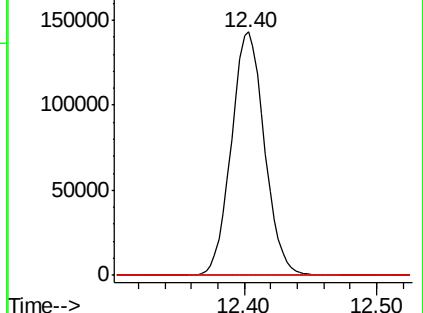
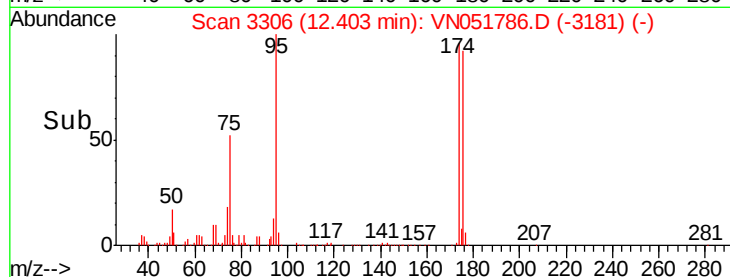
89 0.0 39.4 59.2#



Abundance Ion 74.90 (74.60 to 75.60): VN051786.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN051786.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051786.D (-3181) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.279 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

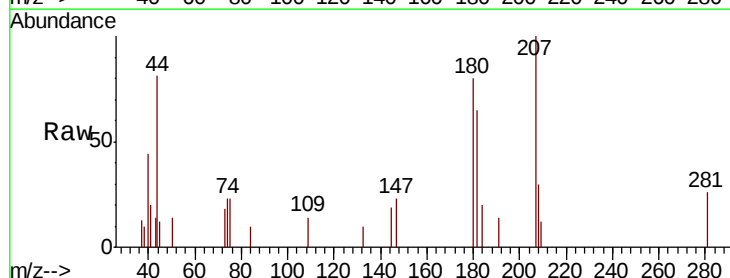
Tgt Ion:180 Resp: 1755

Ion Ratio Lower Upper

180 100

182 90.7 47.7 143.1

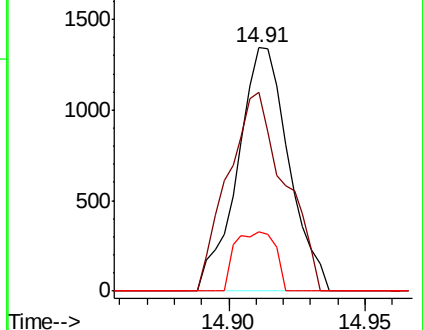
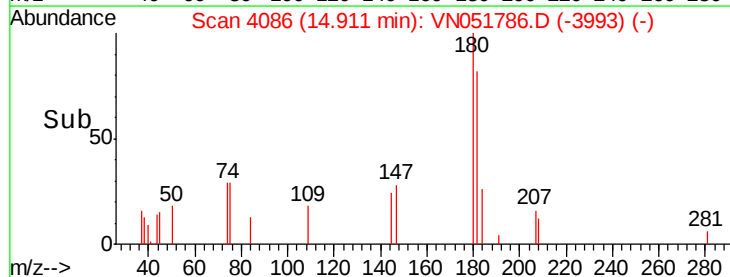
145 19.1 15.3 45.9

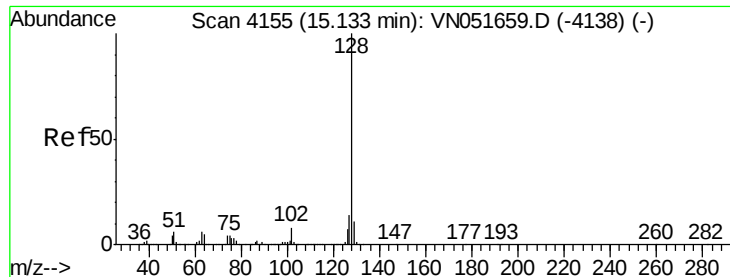


Abundance Ion 179.80 (179.50 to 180.50): VN051786.D (-3993) (-)

Ion 181.80 (181.50 to 182.50): VN051786.D (-3993) (-)

Ion 144.80 (144.50 to 145.50): VN051786.D (-3993) (-)





#95

Naphthalene

Concen: 0.390 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#01

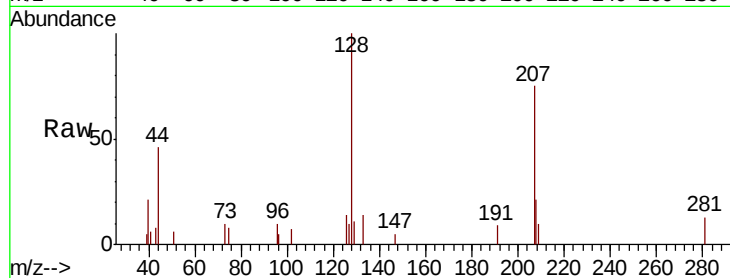
Tot Ion:128 Resp: 5296

Ion Ratio Lower Upper

128 100

127 11.7 10.6 15.8

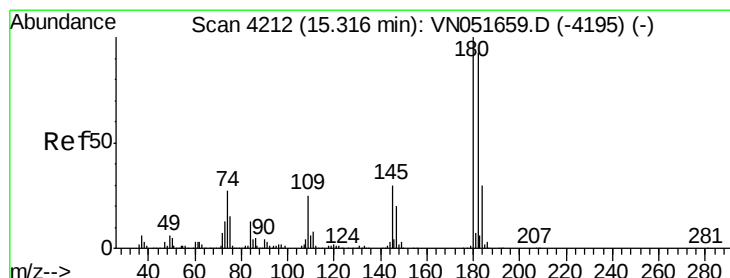
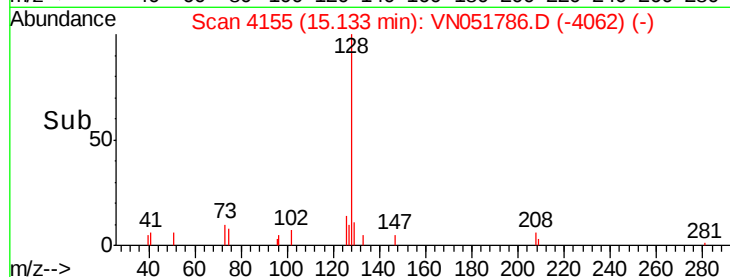
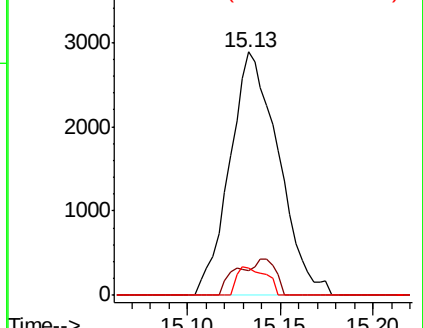
129 6.9 9.0 13.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.331 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.01 min

Lab File: VN051786.D

Acq: 10 Oct 2018 13:16

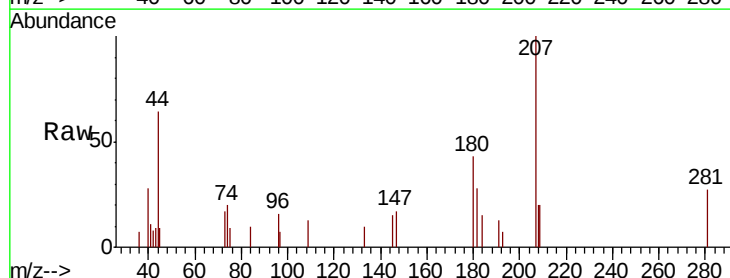
Tgt Ion:180 Resp: 2046

Ion Ratio Lower Upper

180 100

182 72.5 47.3 141.8

145 16.9 15.6 46.8



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

