

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051791.D
 Acq On : 10 Oct 2018 15:20
 Operator : MD\SY
 Sample : PB113684ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#02

Quant Time: Oct 11 01:58:06 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	870038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1236915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1094142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	421338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	490581	42.68	ug/l	0.00
Spiked Amount			Recovery	=	85.36%	
35) Dibromofluoromethane	7.59	113	464417	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	10.09	98	1726878	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.40	95	508249	40.25	ug/l	0.00
Spiked Amount			Recovery	=	80.50%	

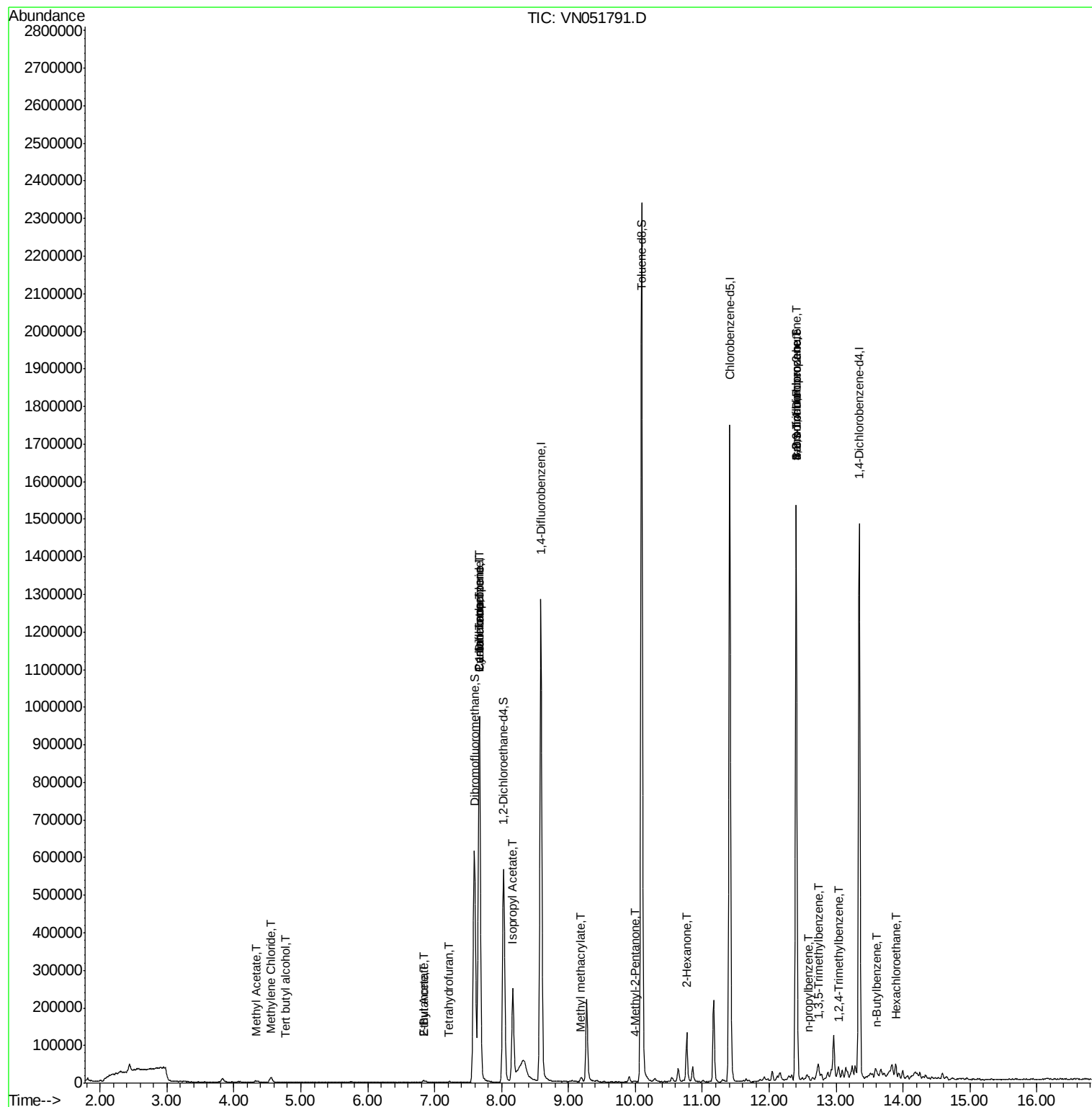
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	2.94	101	75	Below Cal	#	18
11) Tert butyl alcohol	4.78	59	160	0.205	ug/l #	73
13) Acrolein	3.58	56	121	Below Cal	#	1
16) Acetone	3.82	43	14832	Below Cal		92
18) Methyl Acetate	4.34	43	7630	1.203	ug/l #	88
20) Methylene Chloride	4.55	84	10121	1.070	ug/l	87
25) 2-Butanone	6.85	43	3073	0.926	ug/l	98
29) Tetrahydrofuran	7.20	42	408	0.200	ug/l #	63
31) Cyclohexane	7.67	56	14147	0.907	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	55520	4.294	ug/l #	48
37) Ethyl Acetate	6.85	43	3073	0.456	ug/l #	67
38) Carbon Tetrachloride	7.67	117	78863	5.083	ug/l #	15
41) Methacrylonitrile	7.18	41	257	Below Cal	#	27
43) Isopropyl Acetate	8.17	43	291649	20.745	ug/l	98
48) Methyl methacrylate	9.18	41	6590	1.026	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	1461	0.205	ug/l #	83
59) 2-Hexanone	10.77	43	18357	3.794	ug/l #	53
71) Bromoform	12.40	173	4259	0.528	ug/l #	1
74) N-amyl acetate	12.05	43	5357	Below Cal	#	65
75) 1,1,2,2-Tetrachloroethane	12.51	83	133	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	256983	49.005	ug/l #	100
78) n-propylbenzene	12.59	91	8060	0.206	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	9815	0.324	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	256983	112.115	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	11989	0.395	ug/l	97
89) n-Butylbenzene	13.62	91	7252	0.288	ug/l #	77
90) Hexachloroethane	13.90	117	1589	0.250	ug/l #	7

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

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Quant Time: Oct 11 01:58:06 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: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

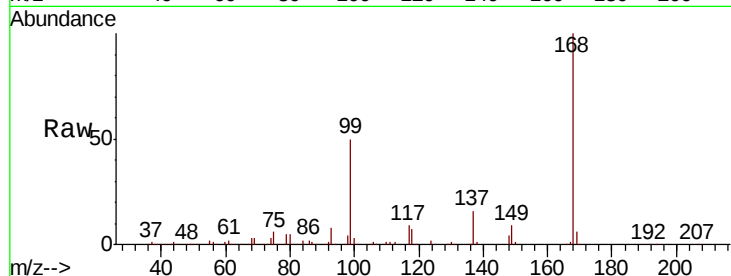
PB113684ZHE#02

Tot Ion:168 Resp: 870038

Ion Ratio Lower Upper

168 100

99 49.6 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

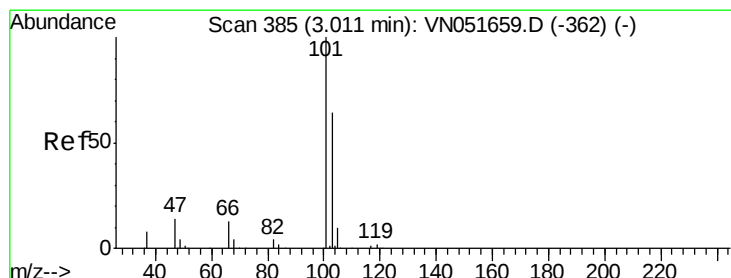
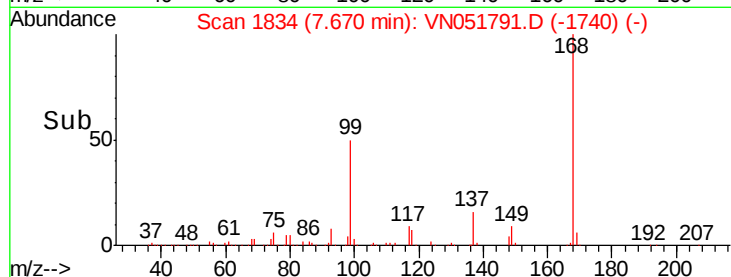
200000

100000

0

7.60 7.70 7.80

Time-->



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 2.94 min Scan# 364

Delta R.T. -0.07 min

Lab File: VN051791.D

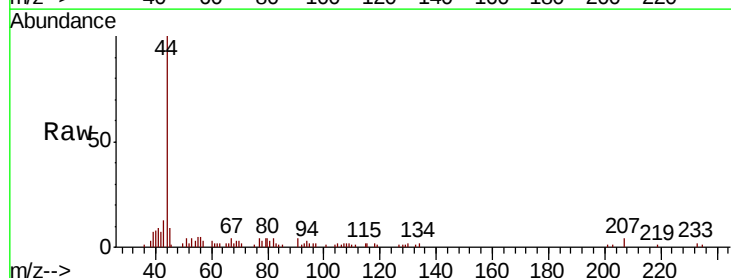
Acq: 10 Oct 2018 15:20

Tgt Ion:101 Resp: 75

Ion Ratio Lower Upper

101 100

103 0.0 51.1 76.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

2.94

250

200

150

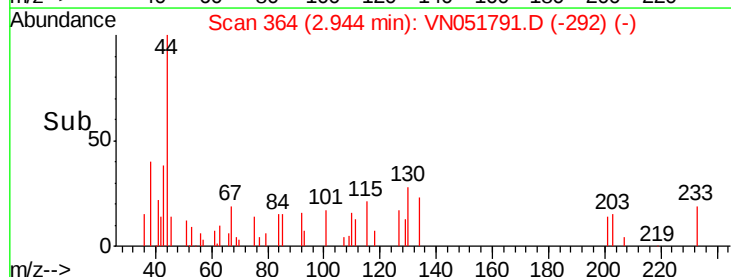
100

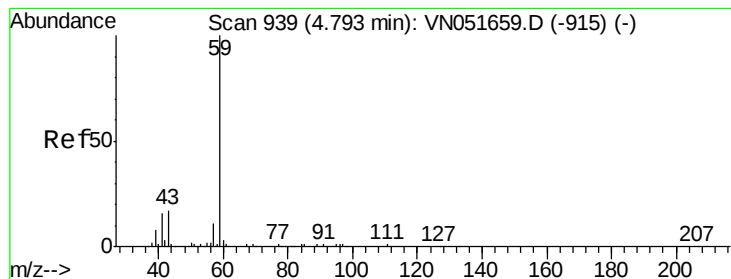
50

0

2.93 2.94 2.95

Time-->



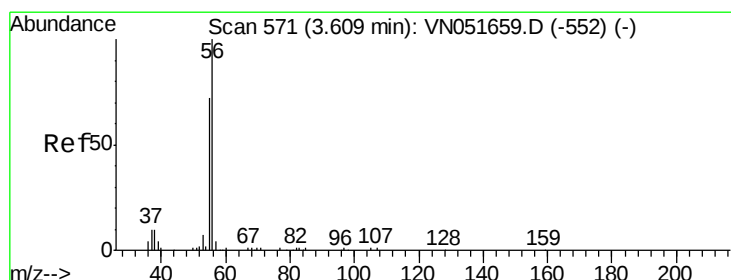
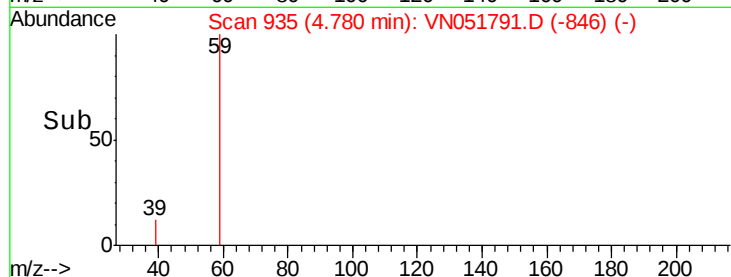
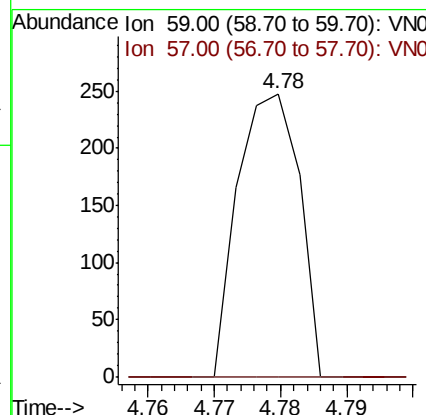
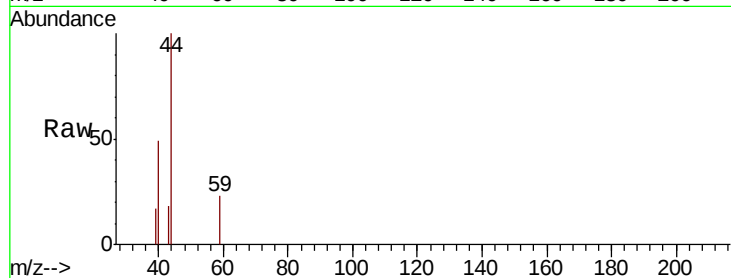


#11

Tert butyl alcohol
 Concen: 0.205 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN051791.D
 Acq: 10 Oct 2018 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#02

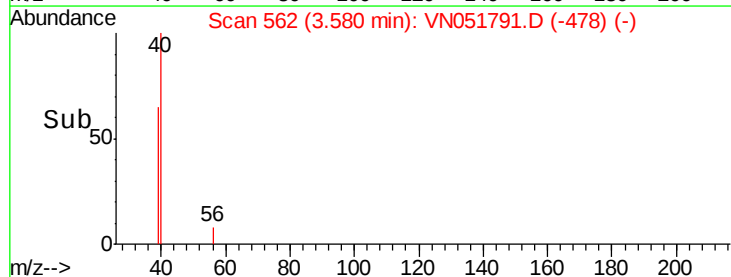
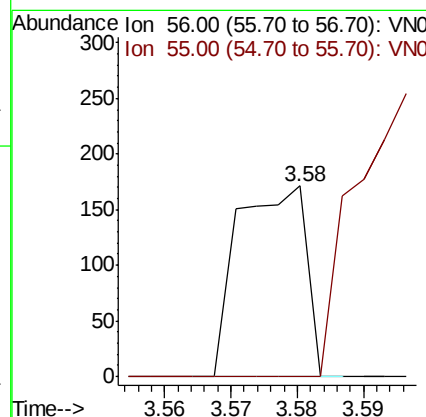
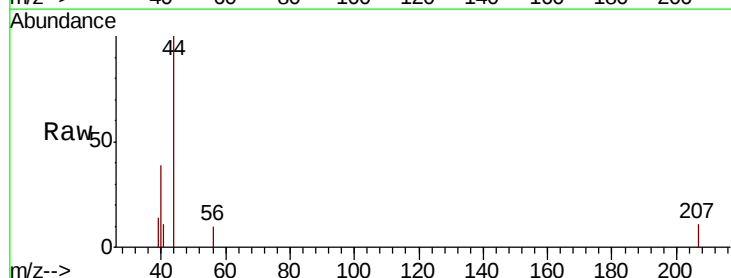
Tot Ion: 59 Resp: 160
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

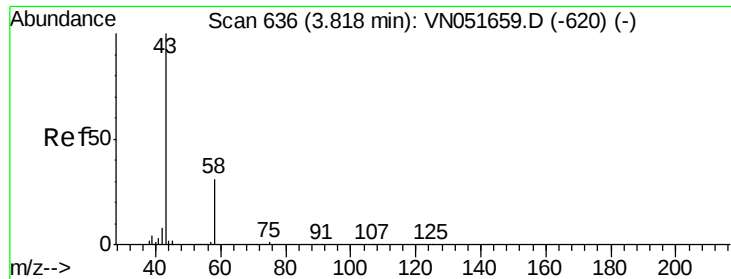


#13

Acrolein
 Concen: Below Cal
 RT: 3.58 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: VN051791.D
 Acq: 10 Oct 2018 15:20

Tgt Ion: 56 Resp: 121
 Ion Ratio Lower Upper
 56 100
 55 202.5 57.5 86.3#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

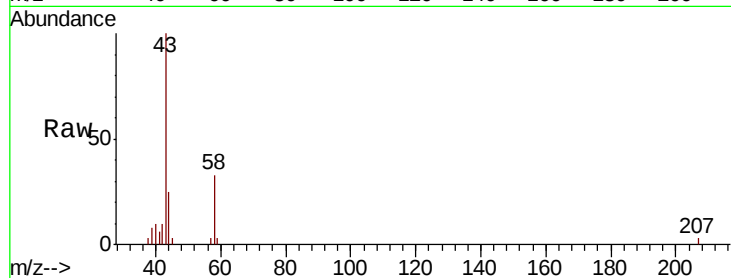
PB113684ZHE#02

Tot Ion: 43 Resp: 14832

Ion Ratio Lower Upper

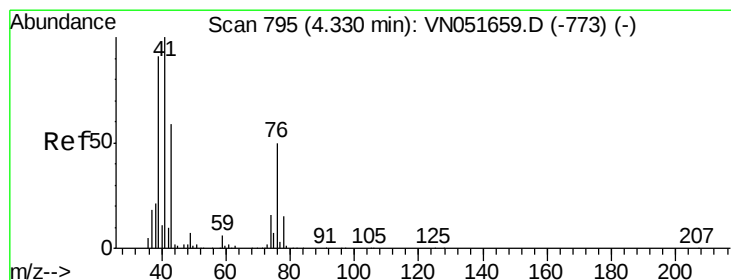
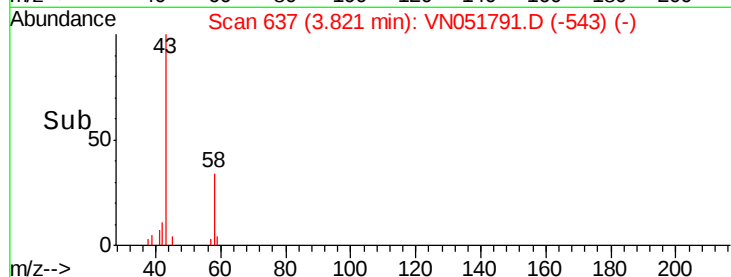
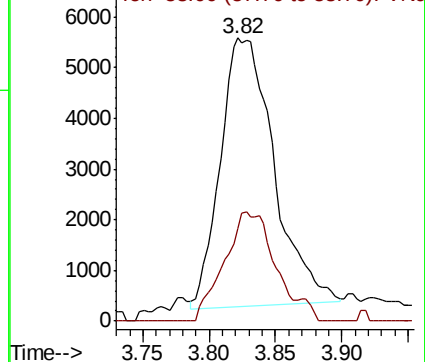
43 100

58 35.0 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.203 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051791.D

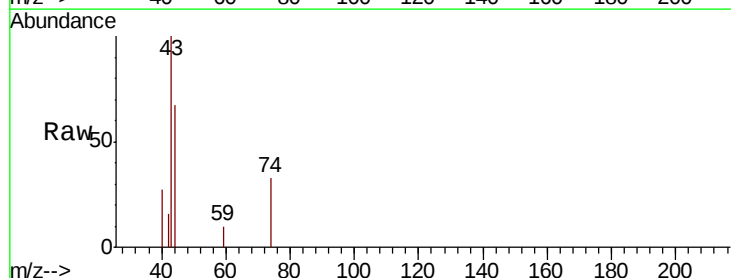
Acq: 10 Oct 2018 15:20

Tgt Ion: 43 Resp: 7630

Ion Ratio Lower Upper

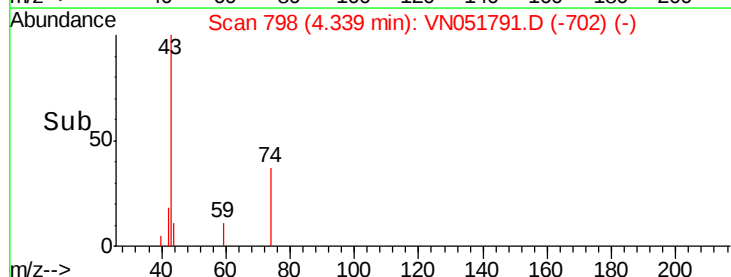
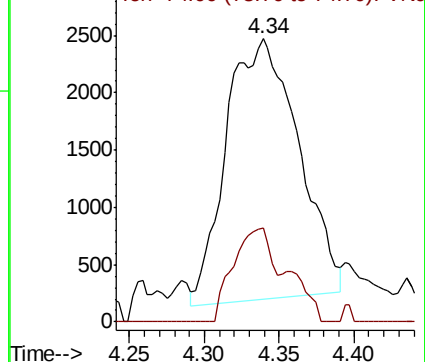
43 100

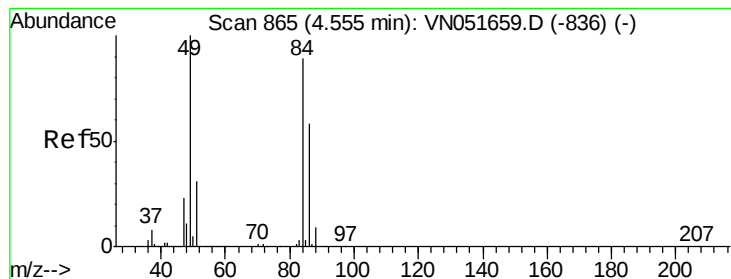
74 20.5 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 1.070 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#02

Tot Ion: 84 Resp: 10121

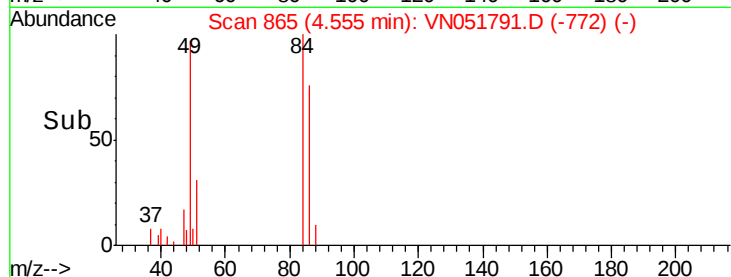
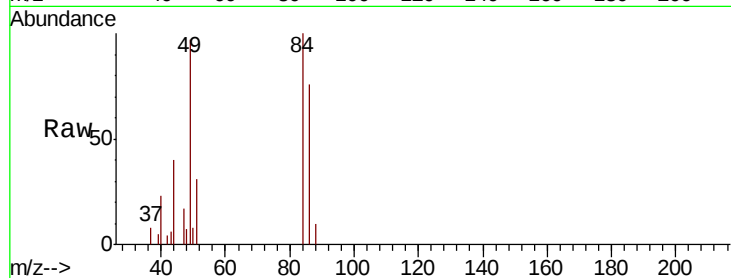
Ion Ratio Lower Upper

84 100

49 97.4 89.5 134.3

51 30.8 27.4 41.0

86 76.2 51.9 77.9

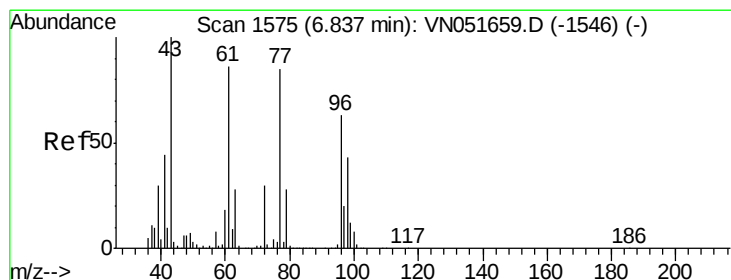
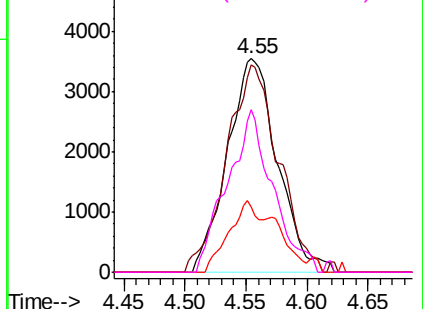


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 0.926 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN051791.D

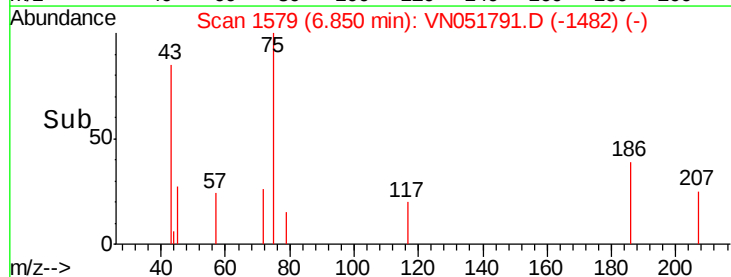
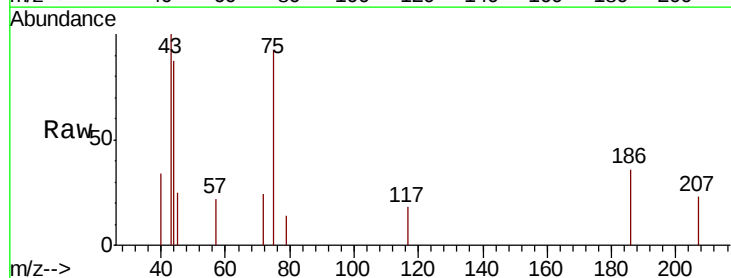
Acq: 10 Oct 2018 15:20

Tgt Ion: 43 Resp: 3073

Ion Ratio Lower Upper

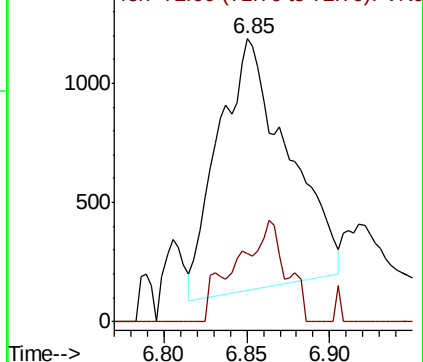
43 100

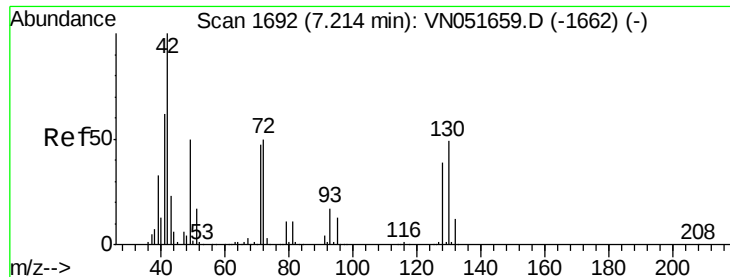
72 28.8 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.200 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#02

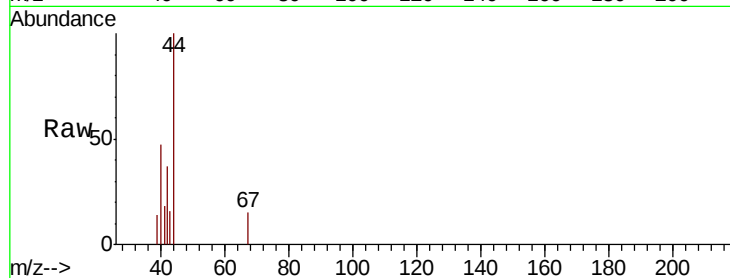
Tot Ion: 42 Resp: 408

Ion Ratio Lower Upper

42 100

72 87.5 40.1 60.1#

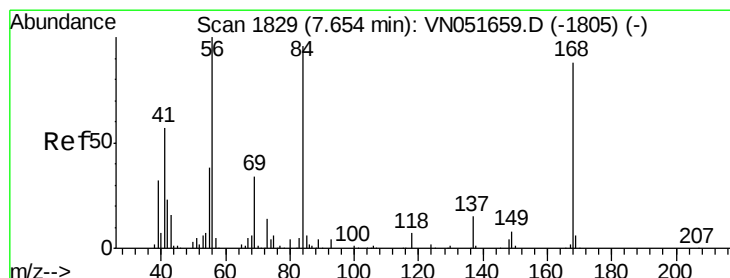
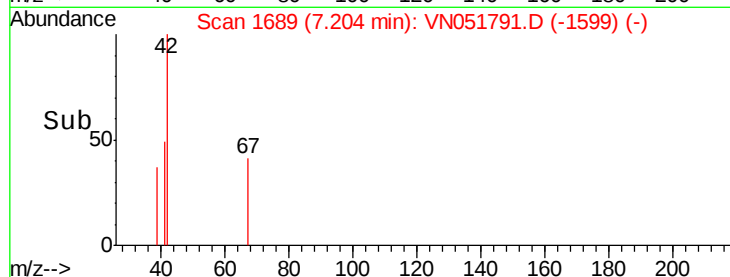
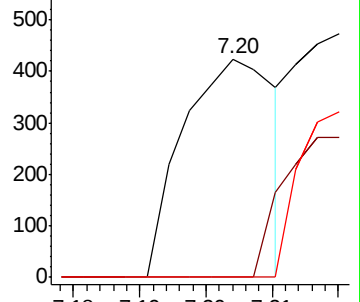
71 59.8 38.0 57.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.907 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

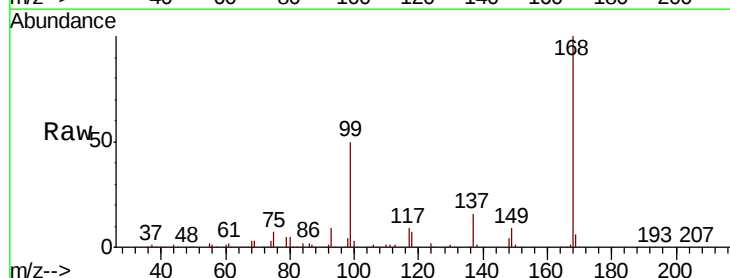
Tgt Ion: 56 Resp: 14147

Ion Ratio Lower Upper

56 100

69 205.4 27.5 41.3#

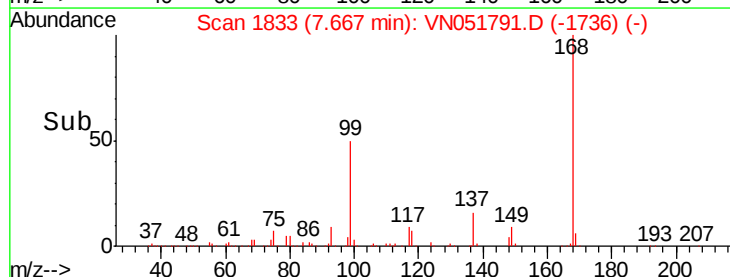
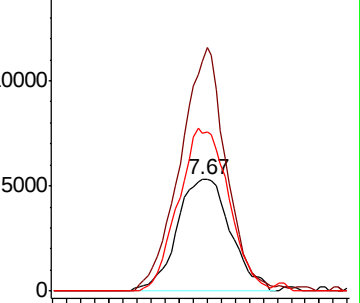
84 141.6 76.7 115.1#

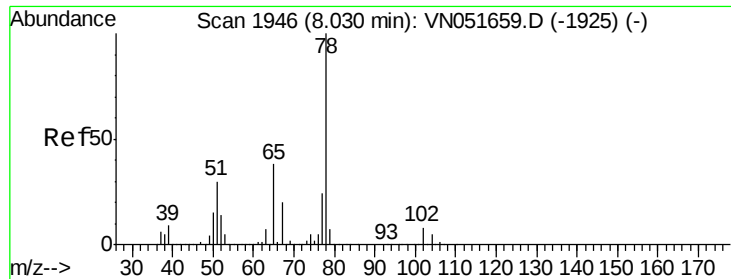


Abundance Ion 56.00 (55.70 to 56.70): VN0

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: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

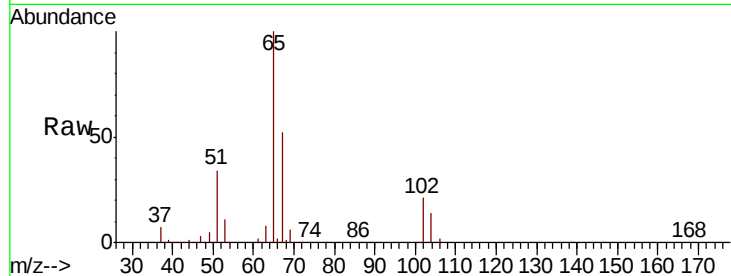
PB113684ZHE#02

Tot Ion: 65 Resp: 490581

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051791.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051791.D (-1853) (-)

8.03

200000

150000

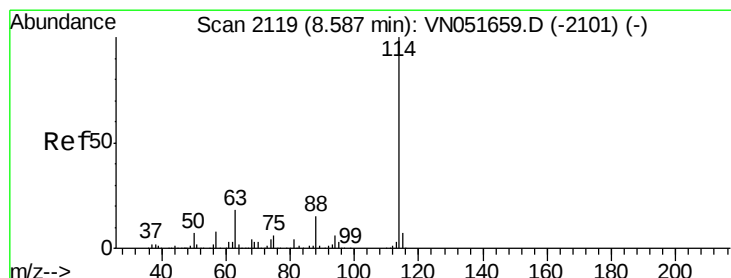
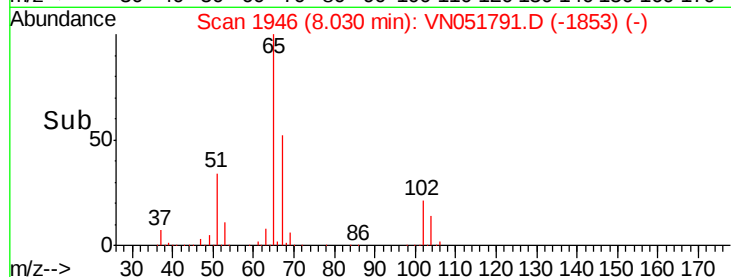
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

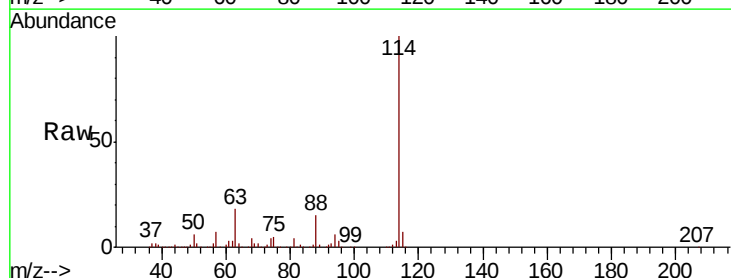
Tgt Ion: 114 Resp: 1236915

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.2

88 15.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN051791.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN051791.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN051791.D (-2026) (-)

8.59

800000

600000

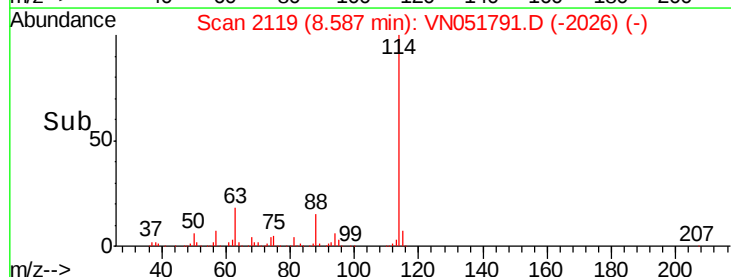
400000

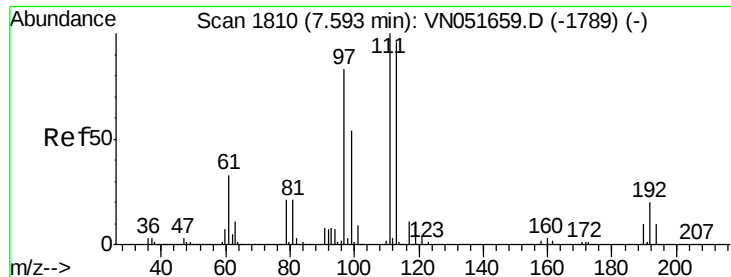
200000

0

8.50 8.60 8.70

Time-->

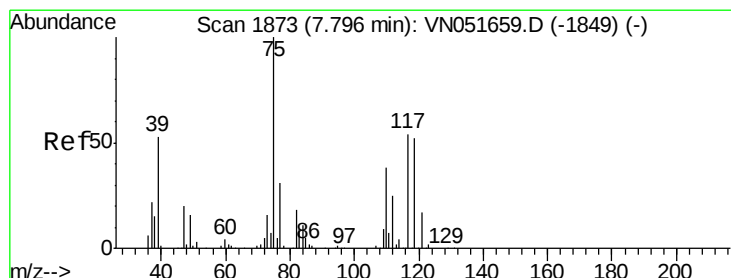
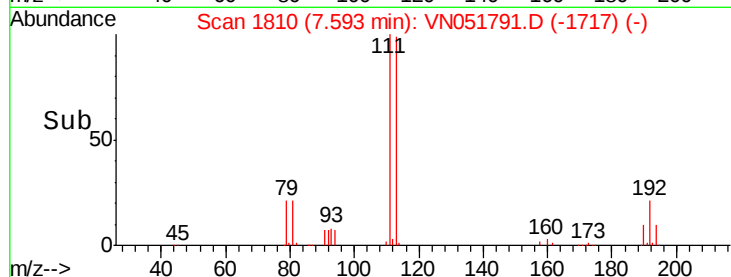
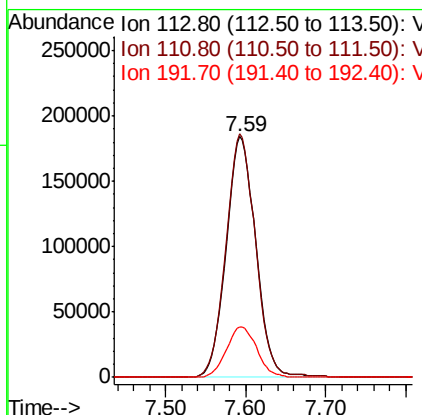
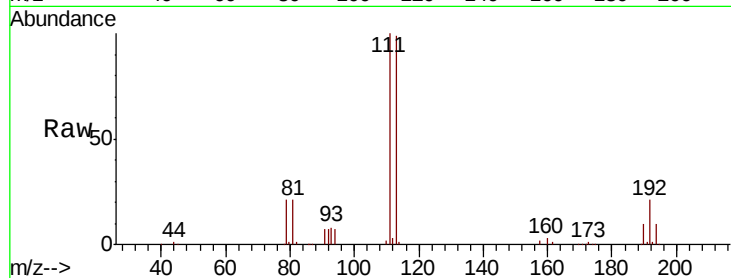




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051791.D
 Acq: 10 Oct 2018 15:20

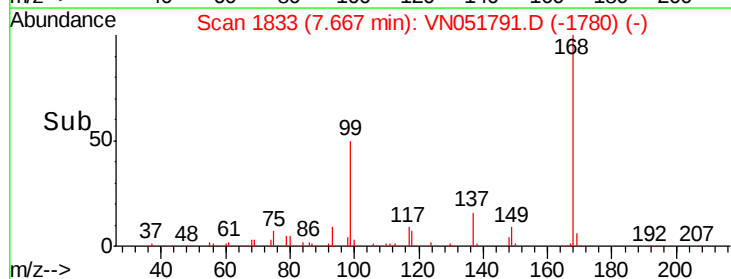
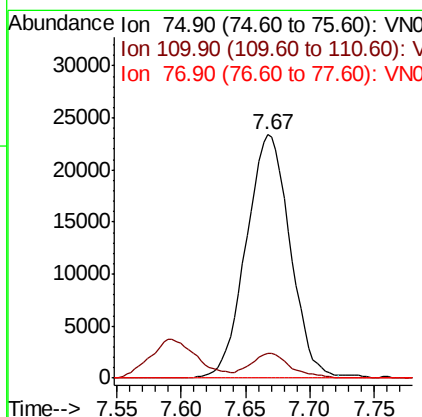
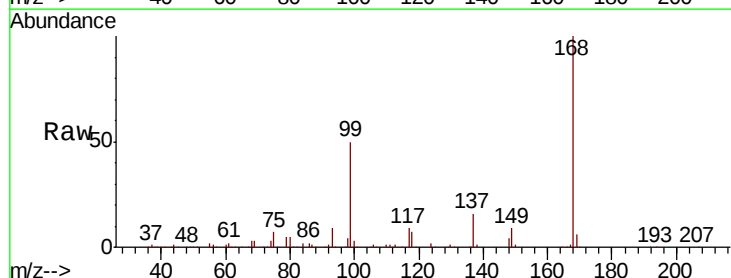
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#02

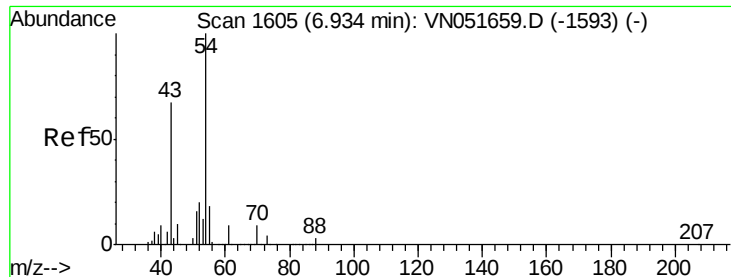
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	21.5	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 4.294 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051791.D
 Acq: 10 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.3	57.8#
77	0.0	24.7	37.1#

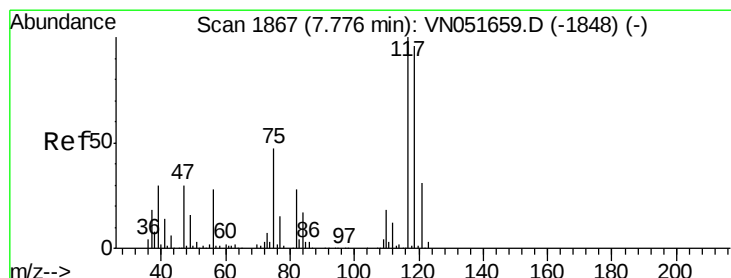
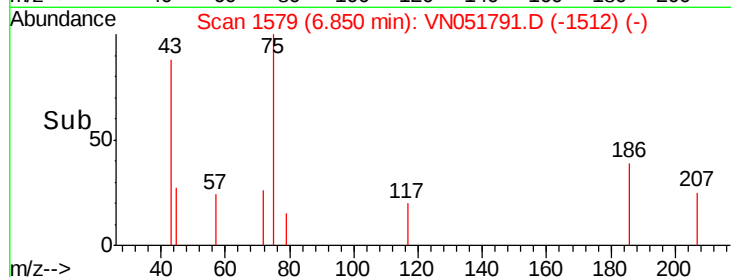
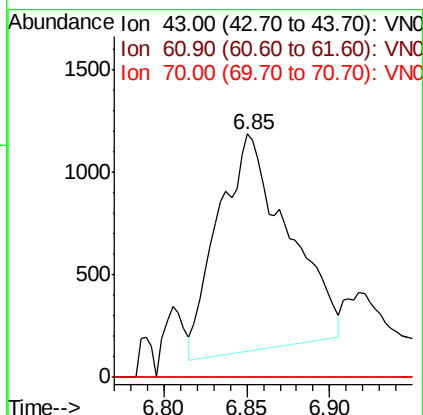
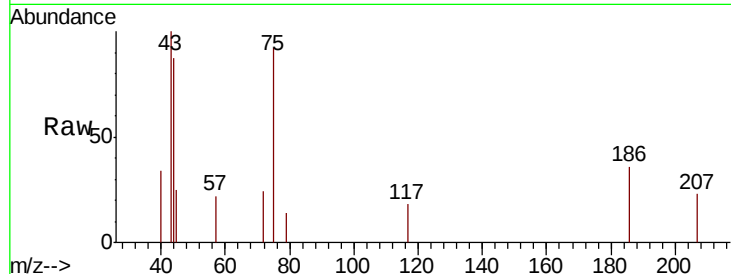




#37
Ethyl Acetate
Concen: 0.456 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. -0.08 min
Lab File: VN051791.D
Acq: 10 Oct 2018 15:20

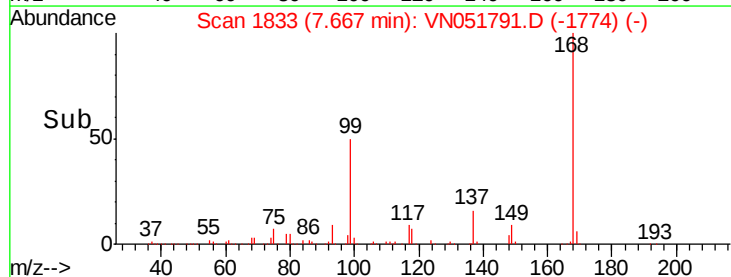
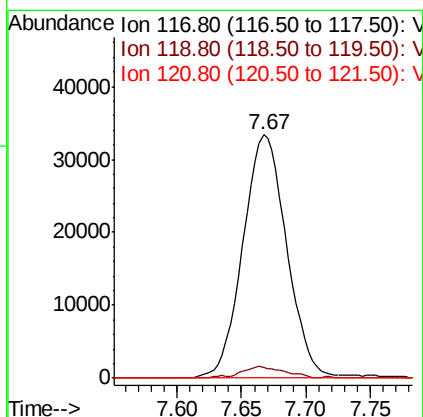
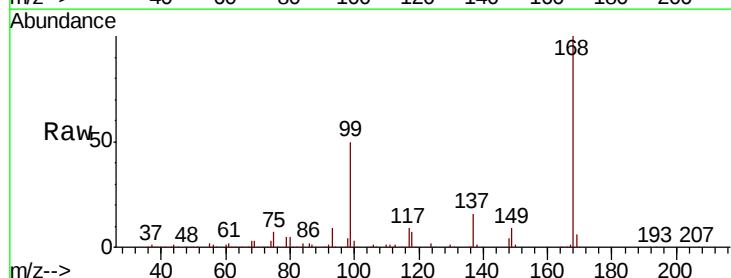
Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#02

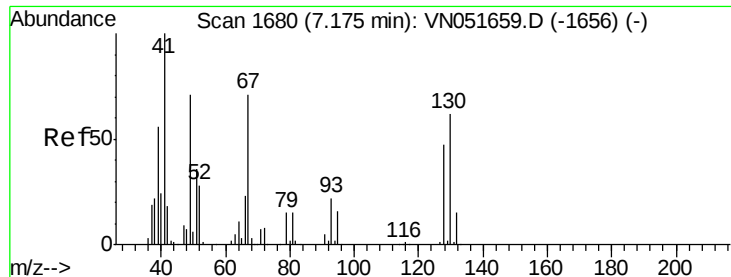
Tot Ion: 43 Resp: 3073
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.083 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051791.D
Acq: 10 Oct 2018 15:20

Tgt Ion: 117 Resp: 78863
Ion Ratio Lower Upper
117 100
119 4.4 77.0 115.6#
121 0.0 25.0 37.6#

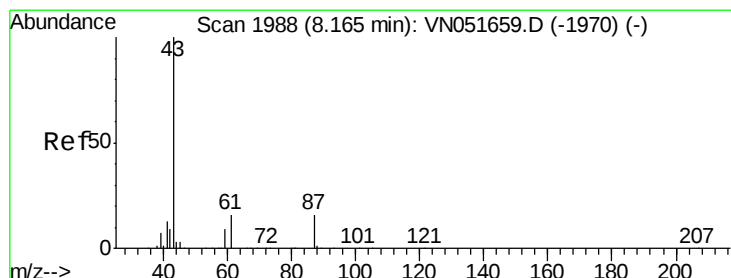
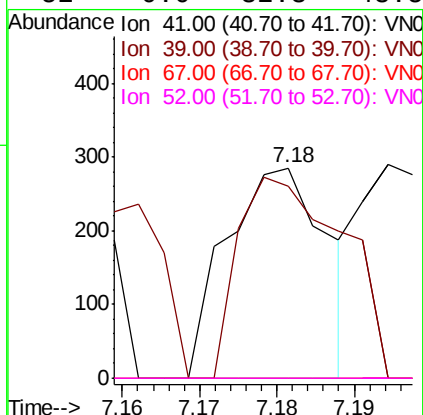
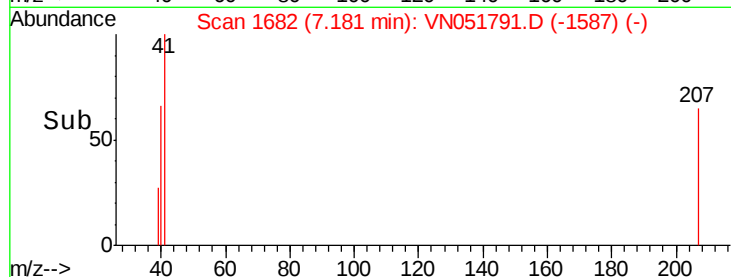
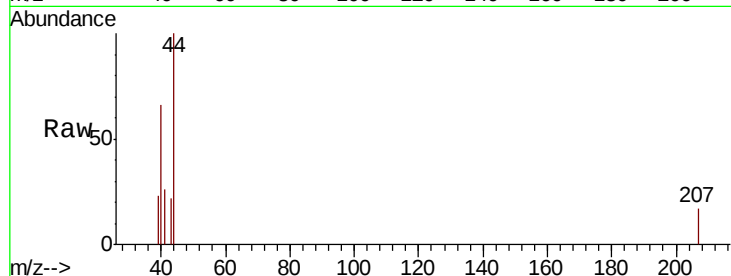




#41
Methacrylonitrile
Concen: Below Cal
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051791.D
Acq: 10 Oct 2018 15:20

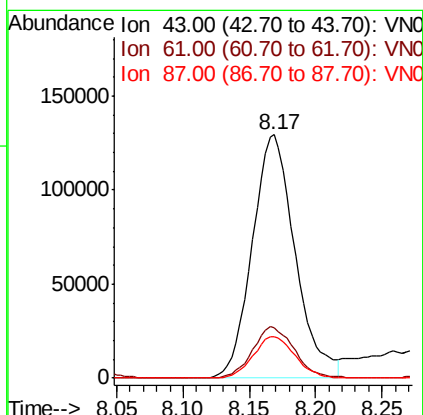
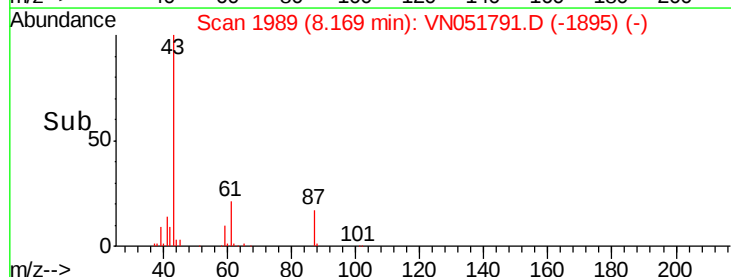
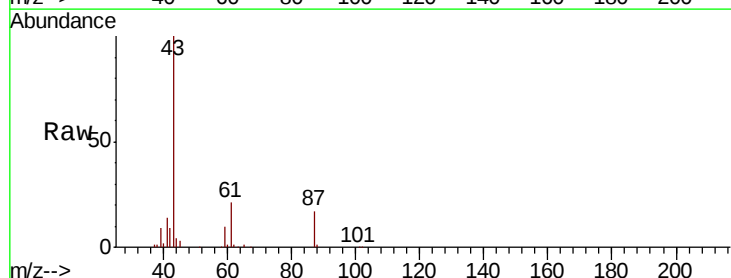
Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#02

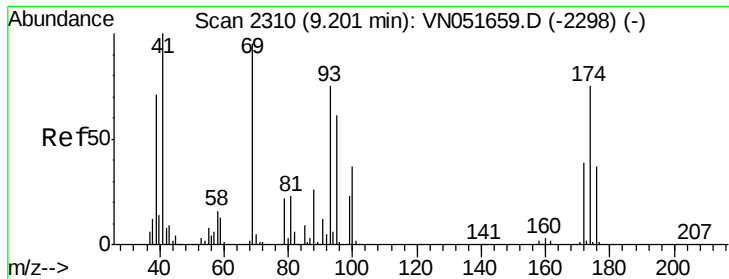
Tot Ion: 41 Resp: 257
Ion Ratio Lower Upper
41 100
39 100.4 53.9 80.9#
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#



#43
Isopropyl Acetate
Concen: 20.745 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051791.D
Acq: 10 Oct 2018 15:20

Tgt Ion: 43 Resp: 291649
Ion Ratio Lower Upper
43 100
61 20.6 15.8 23.6
87 16.6 12.6 19.0

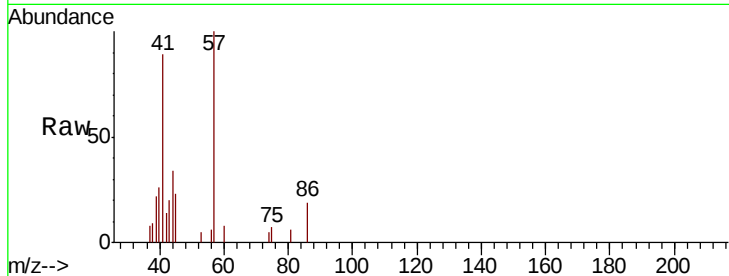




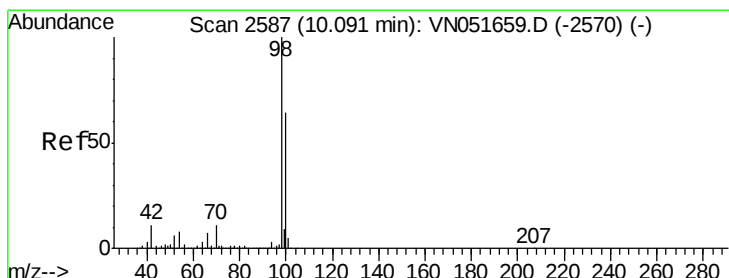
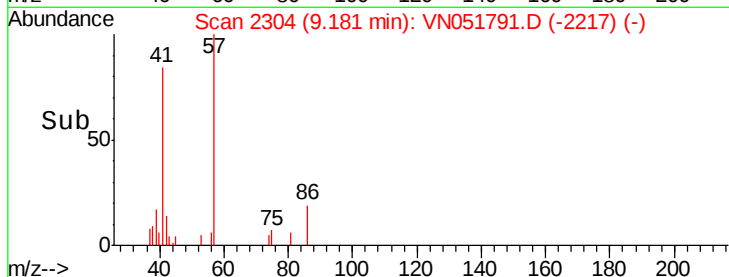
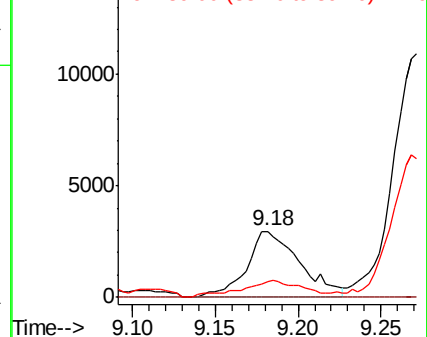
#48
Methvl methacrylate
Concen: 1.026 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051791.D
Acq: 10 Oct 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#02

Tot Ion: 41 Resp: 6590
Ion Ratio Lower Upper
41 100
69 0.0 78.6 118.0#
39 28.9 59.2 88.8#

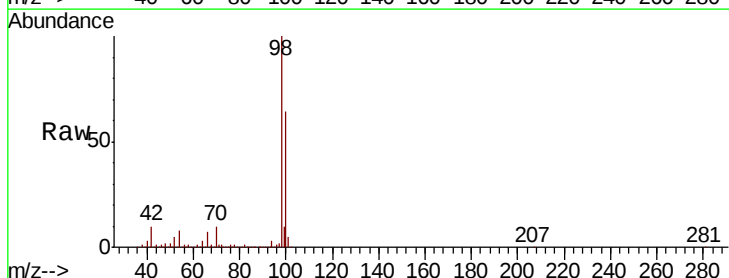


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

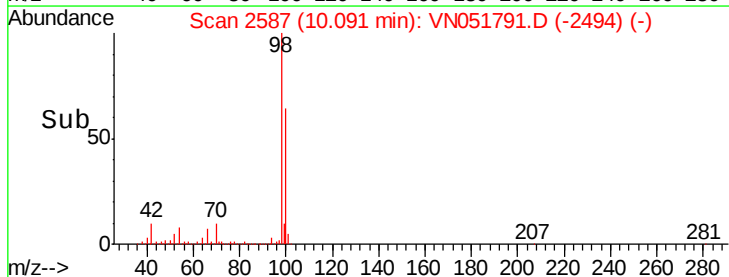
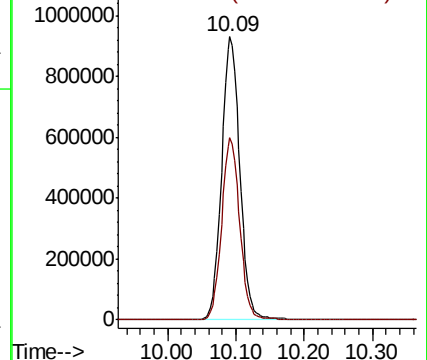


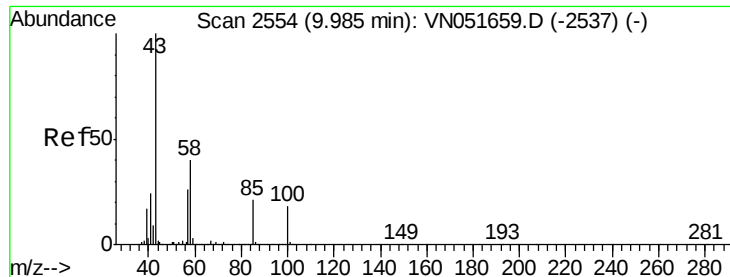
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051791.D
Acq: 10 Oct 2018 15:20

Tgt Ion: 98 Resp: 1726878
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

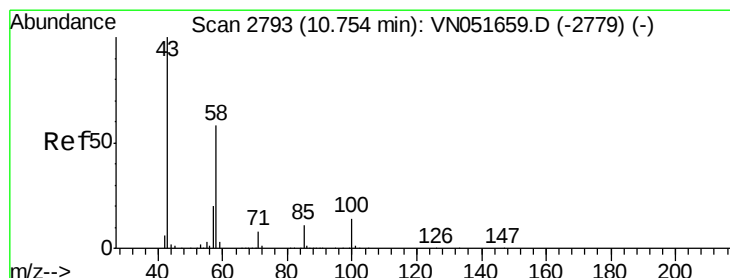
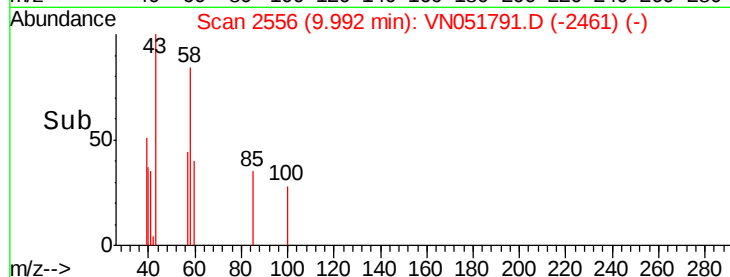
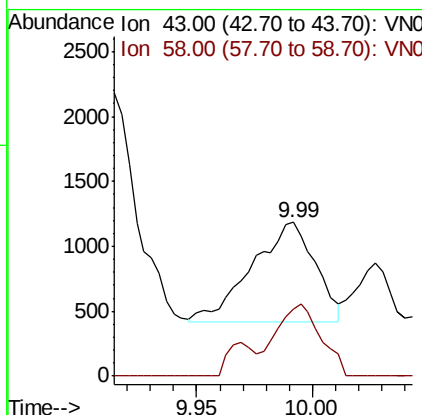
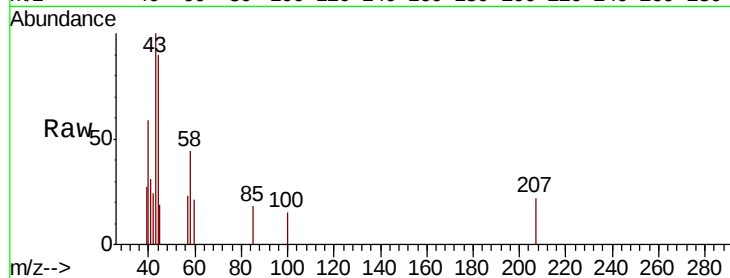




#51
 4-Methyl-2-Pentanone
 Concen: 0.205 ug/l
 RT: 9.99 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: VN051791.D
 Acq: 10 Oct 2018 15:20

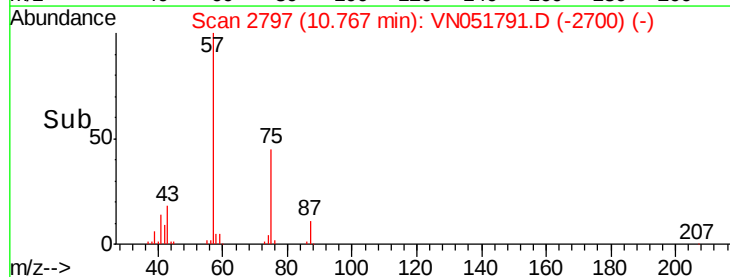
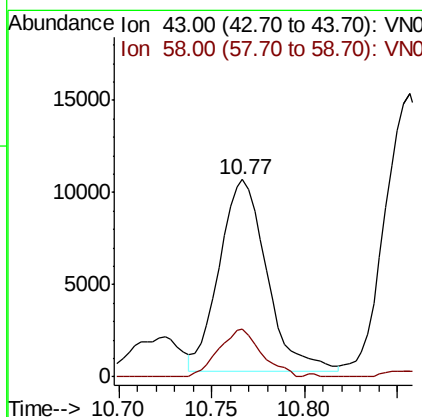
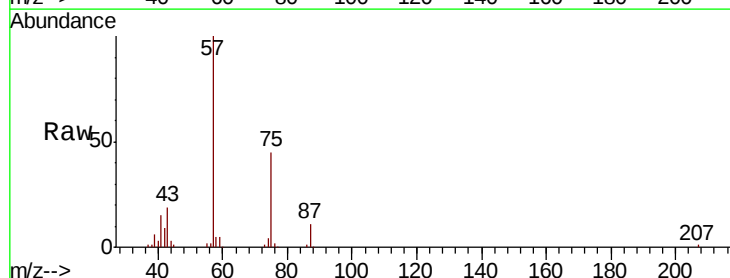
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#02

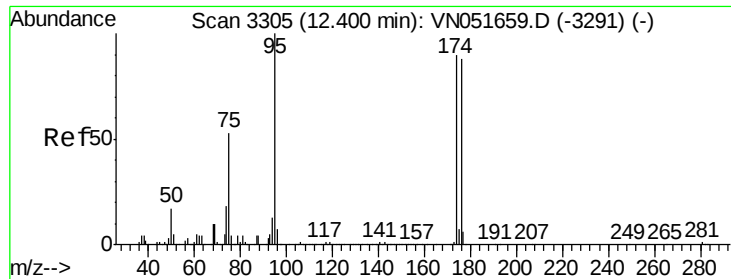
Tot Ion: 43 Resp: 1461
 Ion Ratio Lower Upper
 43 100
 58 50.9 32.2 48.2#



#59
 2-Hexanone
 Concen: 3.794 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN051791.D
 Acq: 10 Oct 2018 15:20

Tgt Ion: 43 Resp: 18357
 Ion Ratio Lower Upper
 43 100
 58 22.5 28.8 86.4#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#02

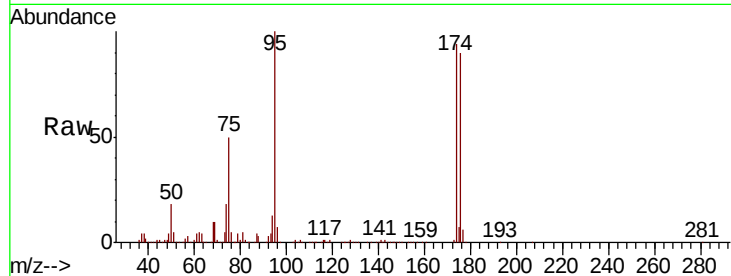
Tot Ion: 95 Resp: 508249

Ion Ratio Lower Upper

95 100

174 94.4 0.0 182.8

176 90.6 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)

12.40

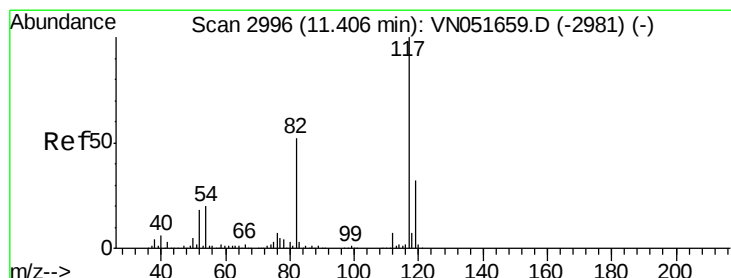
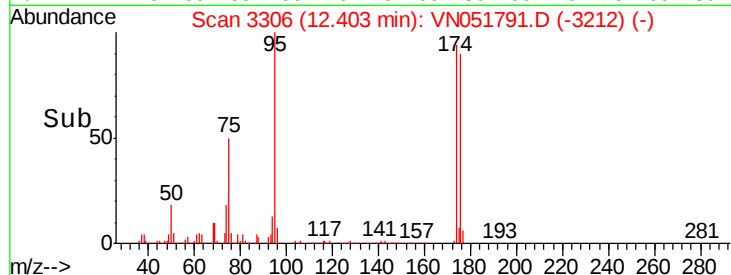
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

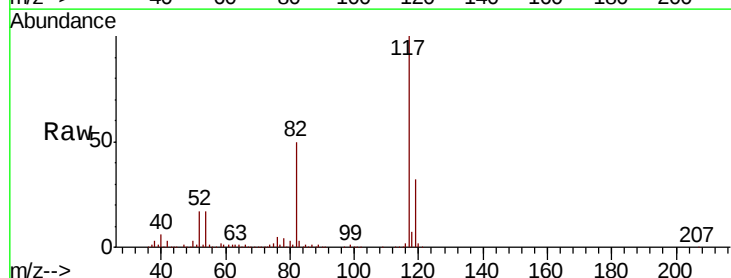
Tgt Ion: 117 Resp: 1094142

Ion Ratio Lower Upper

117 100

82 49.8 41.3 61.9

119 32.4 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)

11.41

800000

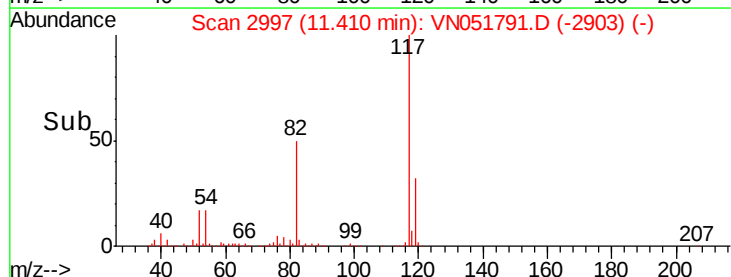
600000

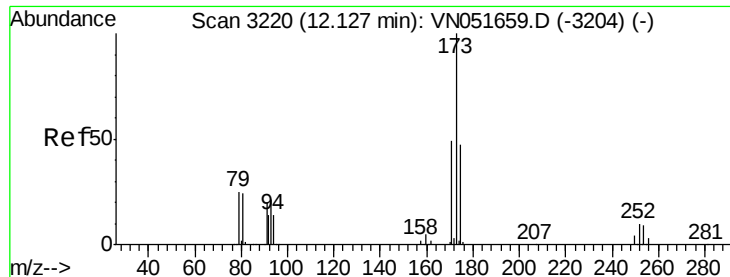
400000

200000

0

Time-->





#71

Bromoform

Concen: 0.528 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#02

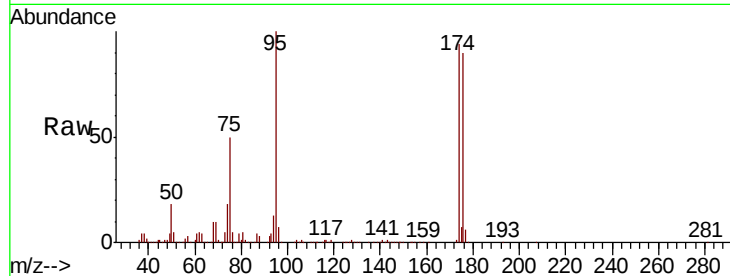
Tot Ion:173 Resp: 4259

Ion Ratio Lower Upper

173 100

175 725.6 24.0 72.0#

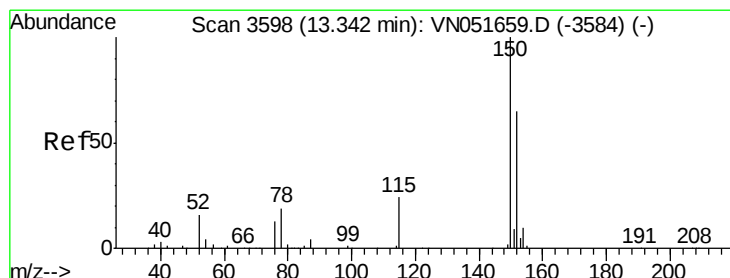
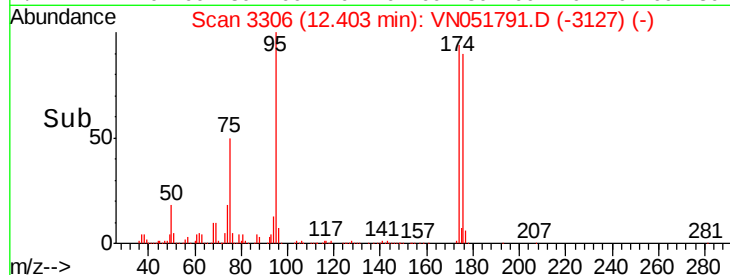
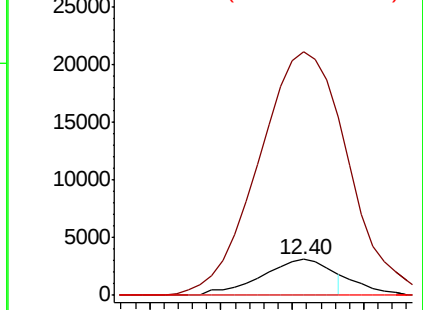
254 0.0 0.1 0.1#



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: VN051791.D

Acq: 10 Oct 2018 15:20

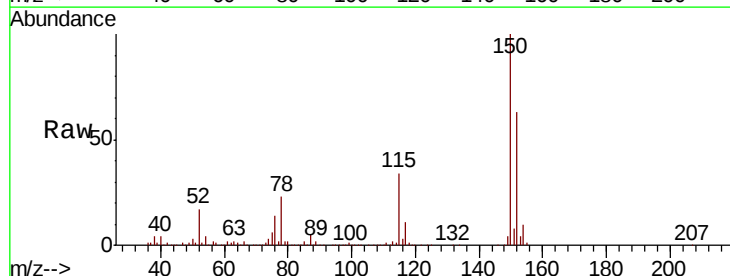
Tgt Ion:152 Resp: 421338

Ion Ratio Lower Upper

152 100

115 55.6 28.6 85.8

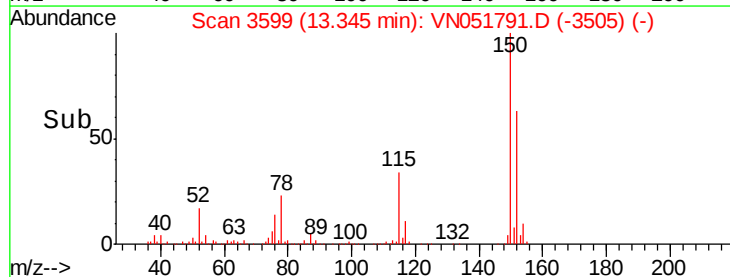
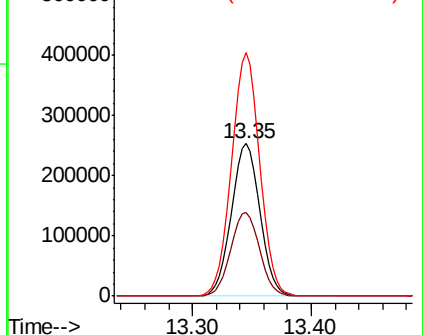
150 157.6 0.0 352.4

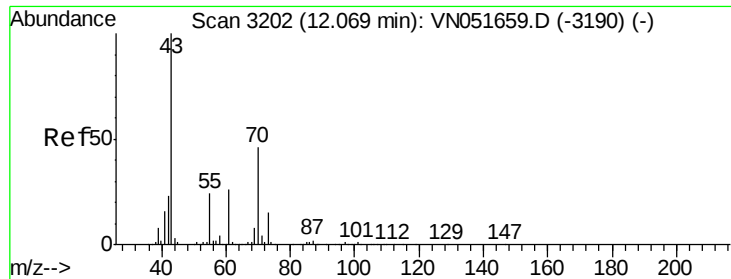


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#02

Tot Ion: 43 Resp: 5357

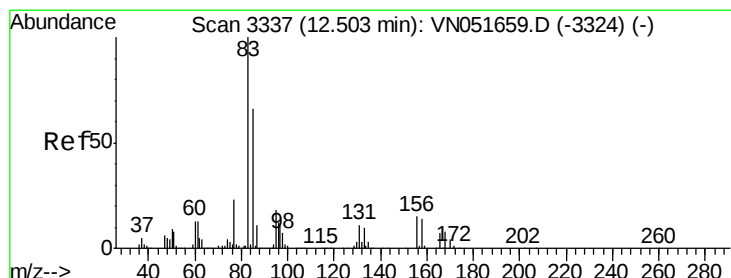
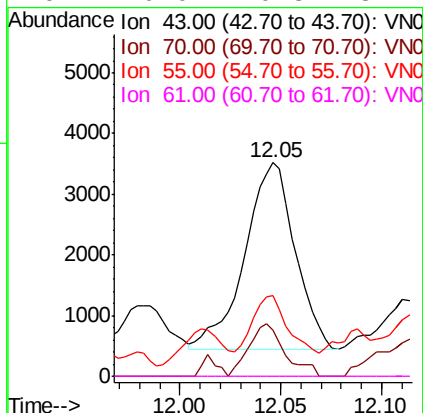
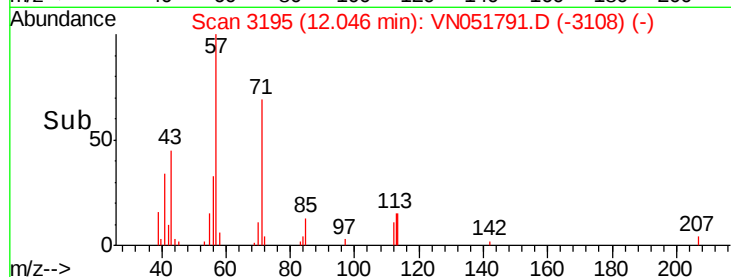
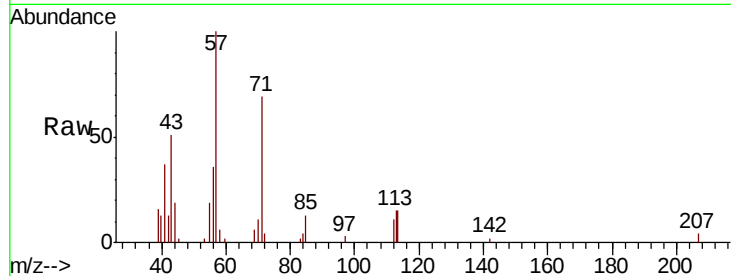
Ion Ratio Lower Upper

43 100

70 20.2 37.1 55.7#

55 20.3 19.1 28.7

61 0.0 20.8 31.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

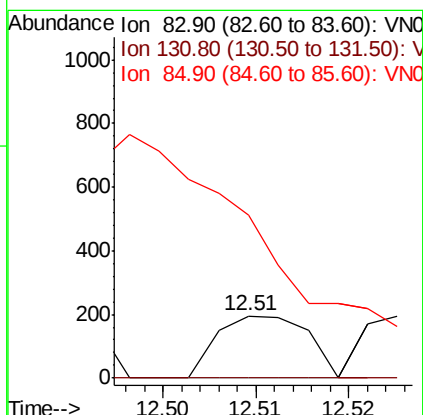
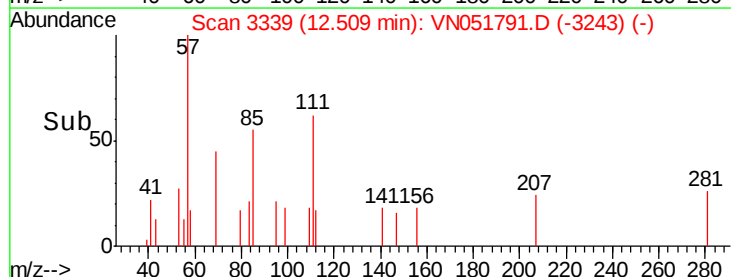
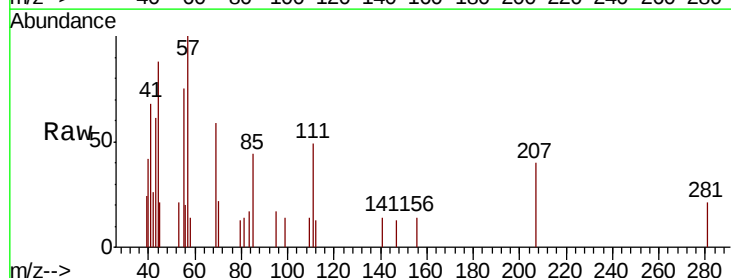
Tgt Ion: 83 Resp: 133

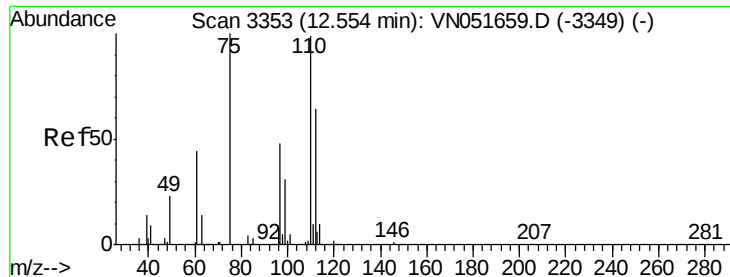
Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 951.9 33.0 98.9#





#76

1,2,3-Trichloropropane

Concen: 49.005 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

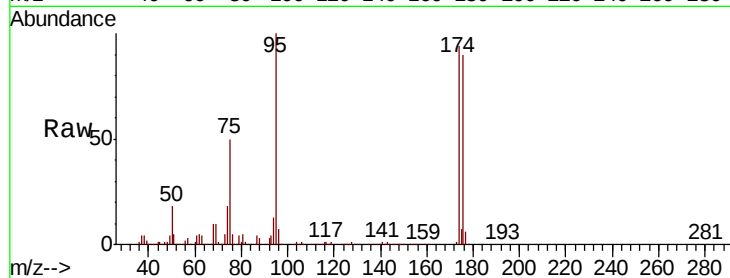
PB113684ZHE#02

Tot Ion: 75 Resp: 256983

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

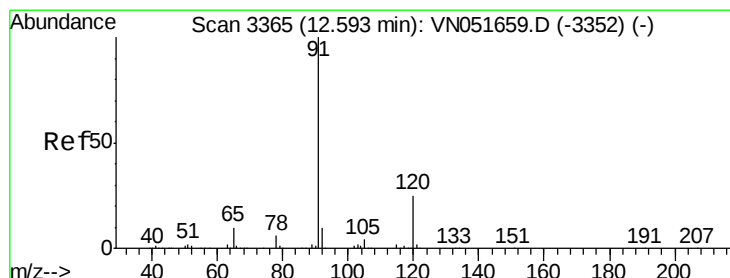
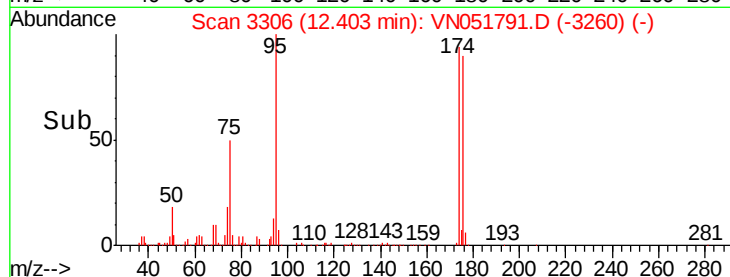
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.206 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051791.D

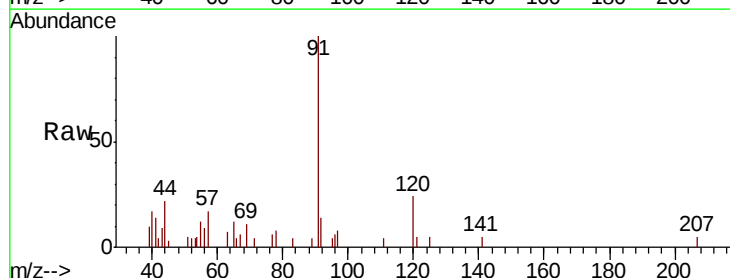
Acq: 10 Oct 2018 15:20

Tgt Ion: 91 Resp: 8060

Ion Ratio Lower Upper

91 100

120 21.2 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

5000

4000

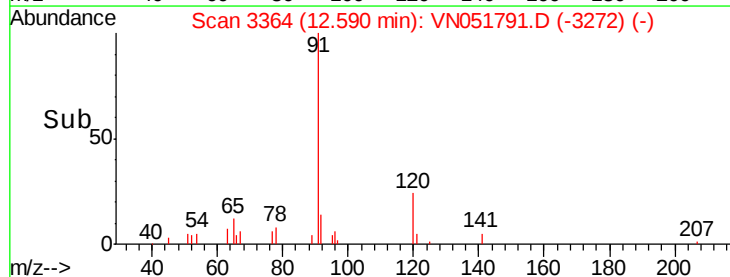
3000

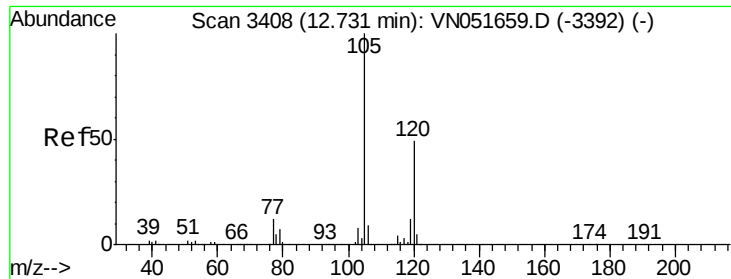
2000

1000

0

Time--> 12.55 12.60 12.65





#80

1,3,5-Trimethylbenzene

Concen: 0.324 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

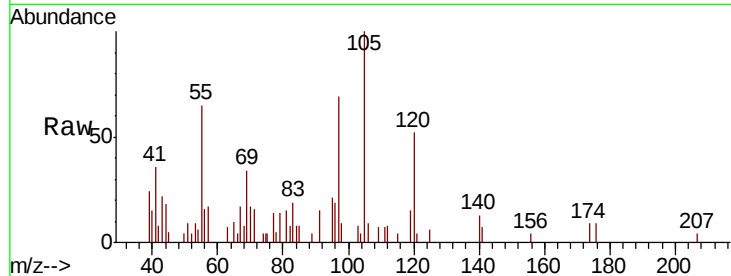
PB113684ZHE#02

Tot Ion:105 Resp: 9815

Ion Ratio Lower Upper

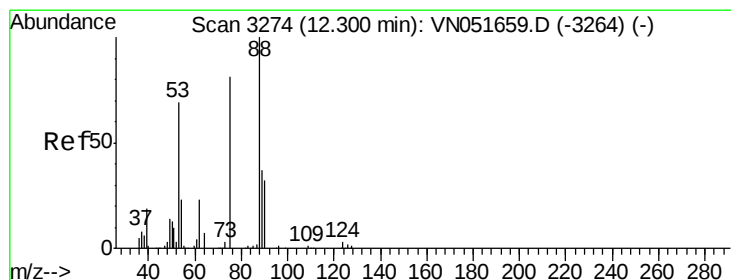
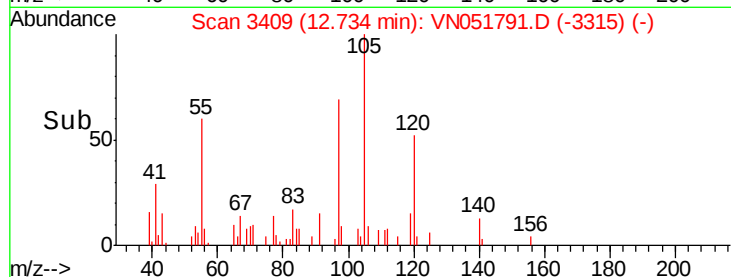
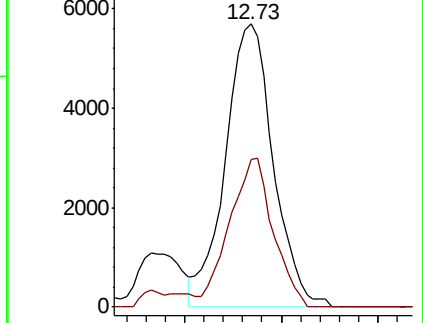
105 100

120 47.9 24.6 74.0



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: 112.115 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

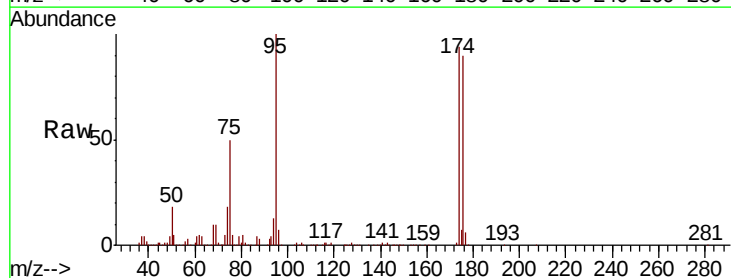
Tgt Ion: 75 Resp: 256983

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

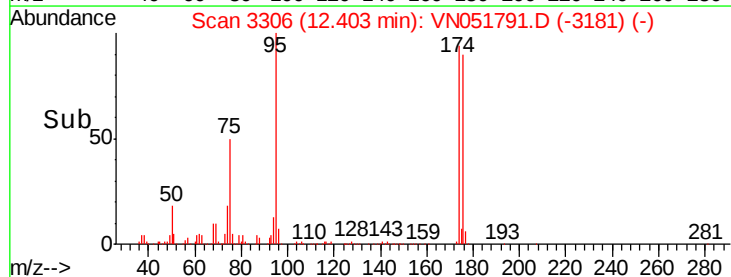
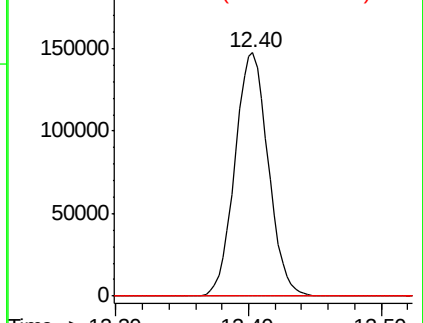
89 0.0 39.4 59.2#

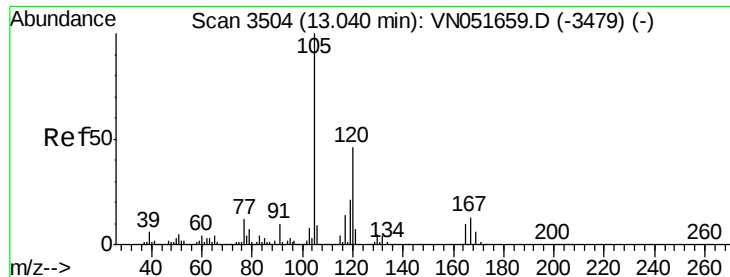


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.395 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

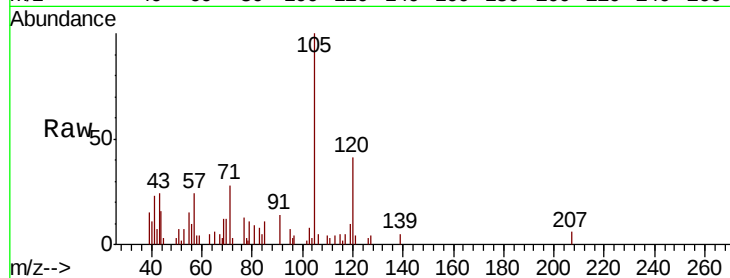
PB113684ZHE#02

Tot Ion:105 Resp: 11989

Ion Ratio Lower Upper

105 100

120 47.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

8000

6000

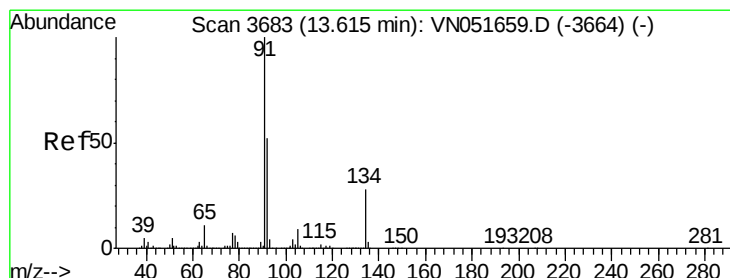
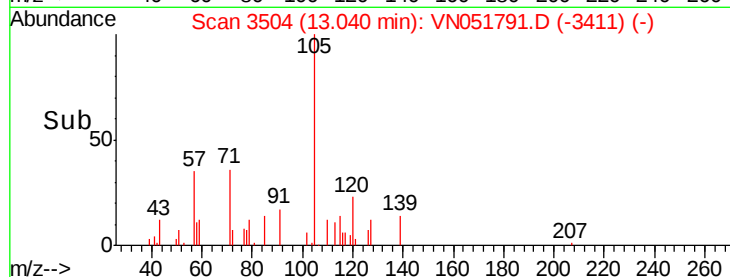
4000

2000

0

Time-->

13.00 13.05 13.10



#89

n-Butylbenzene

Concen: 0.288 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

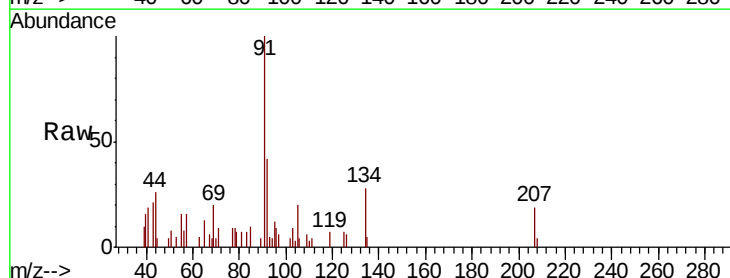
Tgt Ion: 91 Resp: 7252

Ion Ratio Lower Upper

91 100

92 56.4 26.0 78.0

134 0.0 14.2 42.6#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

6000

5000

4000

3000

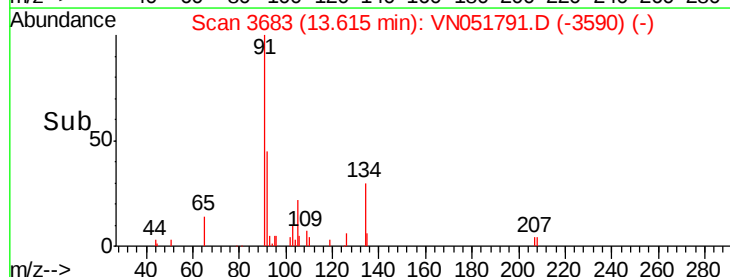
2000

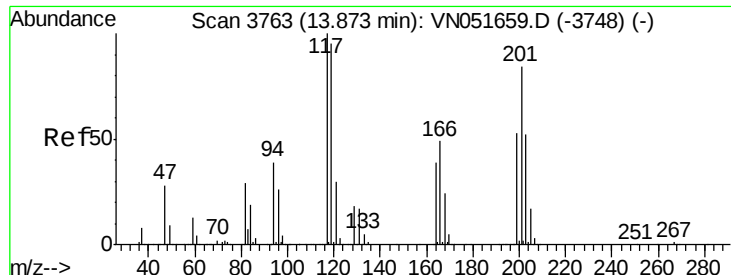
1000

0

Time-->

13.60 13.65





#90

Hexachloroethane

Concen: 0.250 ug/l

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN051791.D

Acq: 10 Oct 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#02

Tot Ion:117 Resp: 1589

Ion Ratio Lower Upper

117 100

201 0.0 42.4 127.3#

