

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113018\
 Data File : VN052606.D
 Acq On : 30 Nov 2018 14:54
 Operator : MD\SY
 Sample : PB115186ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#04

Quant Time: Dec 01 01:01:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1200101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1843243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1623408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588686	50.00	ug/l	0.00

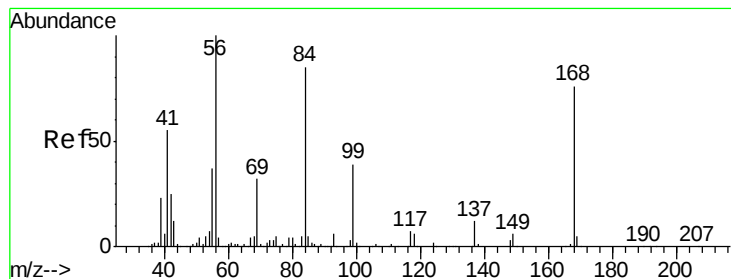
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	632601	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	7.59	113	573280	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.09	98	2254541	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	702434	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
13) Acrolein	3.61	56	335	33.728	ug/l #	50
16) Acetone	3.82	43	23273	6.753	ug/l	98
20) Methylene Chloride	4.56	84	18310	1.358	ug/l	98
25) 2-Butanone	6.85	43	3459	0.708	ug/l	99
29) Tetrahydrofuran	7.21	42	986	0.313	ug/l #	91
31) Cyclohexane	7.66	56	21030	0.574	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83727	4.810	ug/l #	49
38) Carbon Tetrachloride	7.67	117	105694	6.708	ug/l #	16
43) Isopropyl Acetate	8.17	43	61024	3.395	ug/l #	81
48) Methyl methacrylate	9.18	41	16574	1.768	ug/l #	13
49) 1,4-Dioxane	9.26	88	232	2.385	ug/l #	24
51) 4-Methyl-2-Pentanone	10.03	43	20968	2.079	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	141806	7.410	ug/l #	61
56) Ethyl methacrylate	10.55	69	1803	2.806	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	26397	1.379	ug/l #	43
59) 2-Hexanone	10.77	43	366649	54.162	ug/l #	51
71) Bromoform	12.41	173	4261	0.553	ug/l #	1
74) N-amyl acetate	11.88	43	44288	3.796	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	336171	37.032	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	32027	0.869	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	336171	123.669	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	295	2.856	ug/l #	45
95) Naphthalene	15.15	128	1141	3.476	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	370	2.763	ug/l #	60

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052606.D

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MSVOA_N

ClientSampleId :

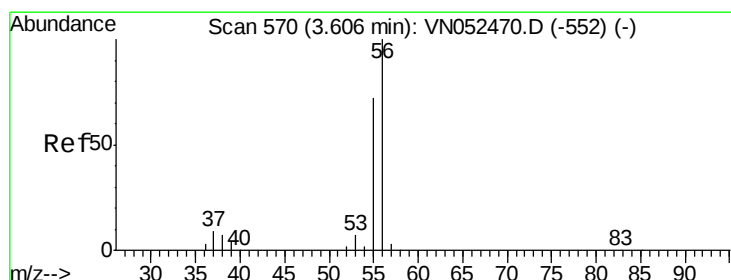
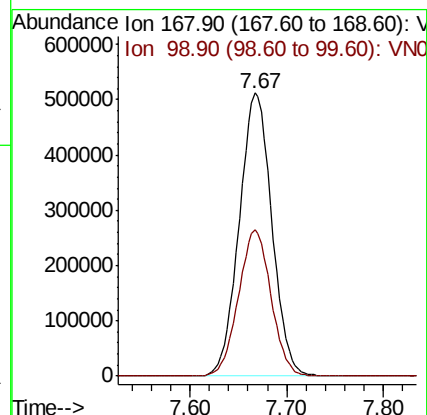
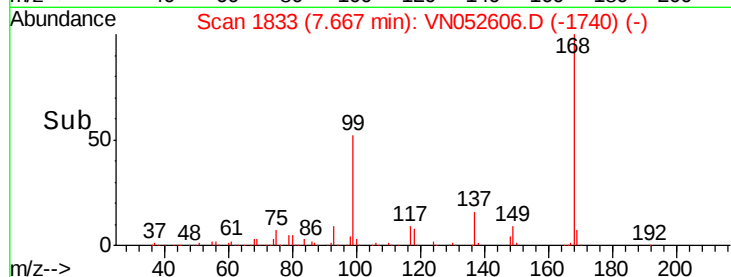
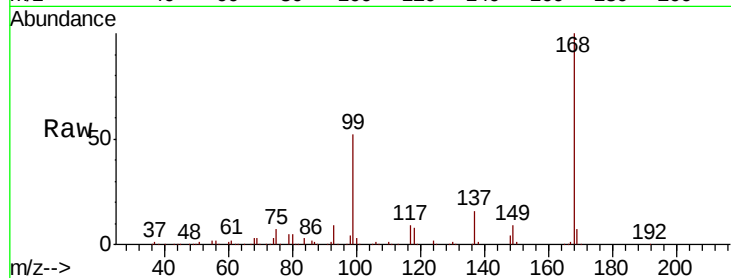
PB115186ZHE#04

Tot Ion:168 Resp: 1200101

Ion Ratio Lower Upper

168 100

99 51.7 41.7 62.5



#13

Acrolein

Concen: 33.728 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN052606.D

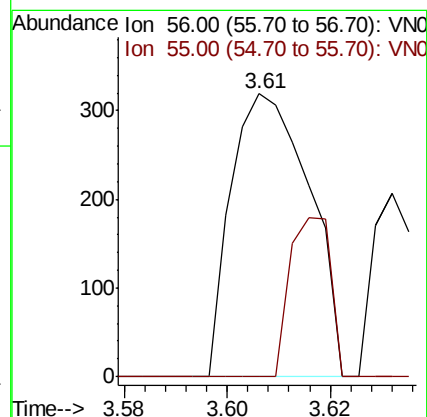
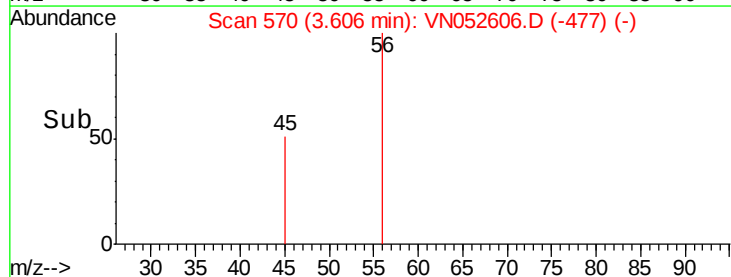
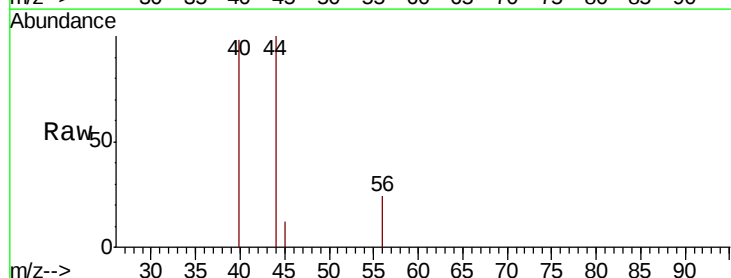
Acq: 30 Nov 2018 14:54

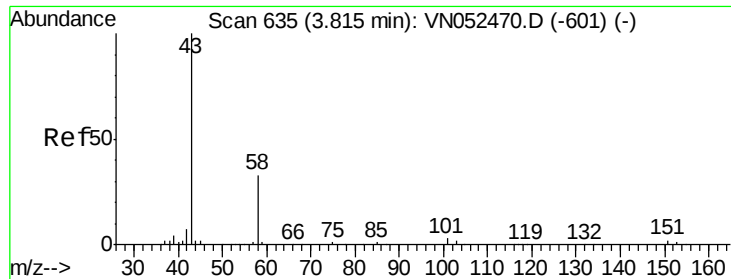
Tgt Ion: 56 Resp: 335

Ion Ratio Lower Upper

56 100

55 29.3 56.8 85.2#





#16

Acetone

Concen: 6.753 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

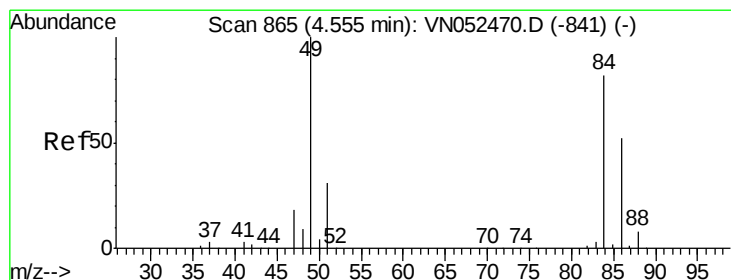
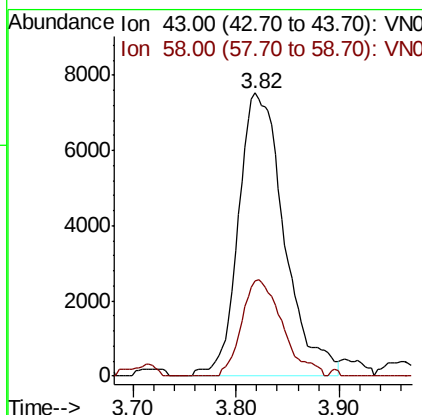
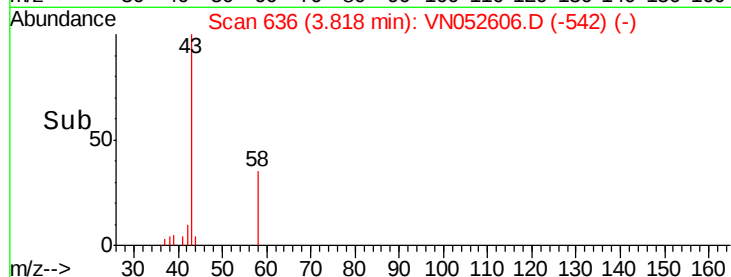
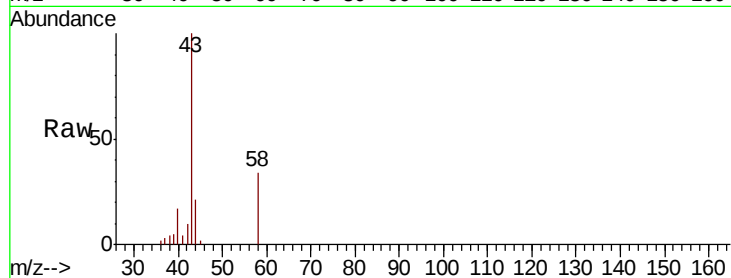
PB115186ZHE#04

Tot Ion: 43 Resp: 23273

Ion Ratio Lower Upper

43 100

58 33.8 26.0 39.0



#20

Methylene Chloride

Concen: 1.358 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Tgt Ion: 84 Resp: 18310

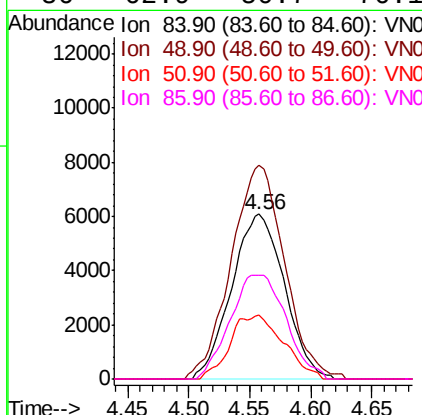
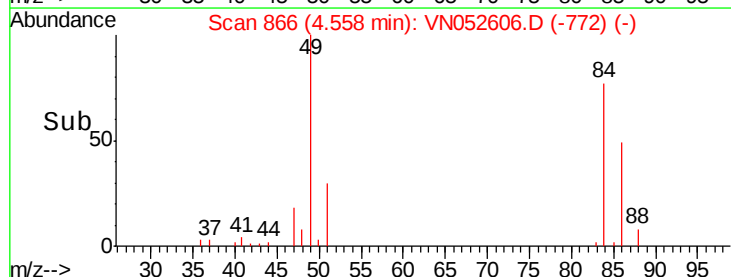
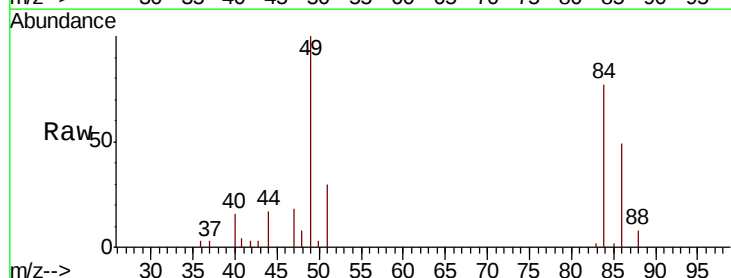
Ion Ratio Lower Upper

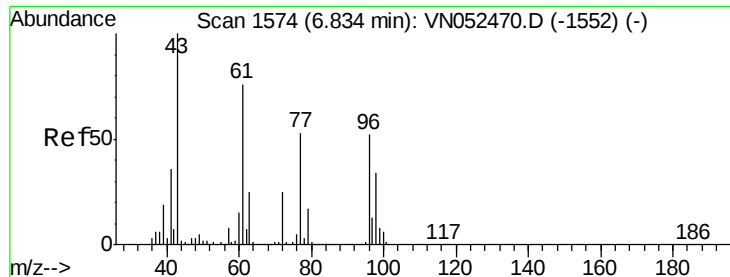
84 100

49 126.2 98.0 147.0

51 38.5 30.1 45.1

86 62.9 50.7 76.1





#25

2-Butanone

Concen: 0.708 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

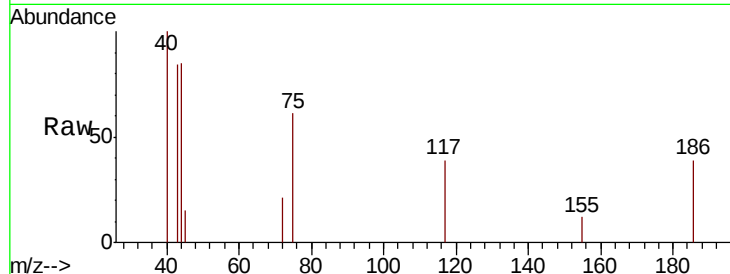
PB115186ZHE#04

Tot Ion: 43 Resp: 3459

Ion Ratio Lower Upper

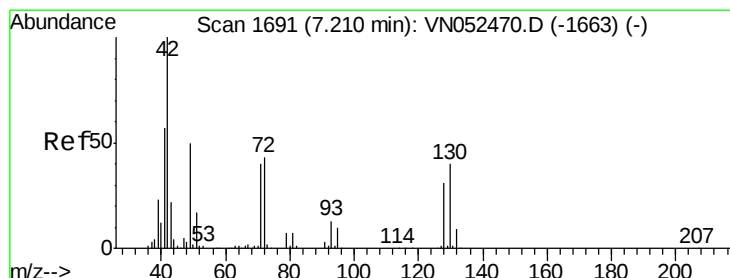
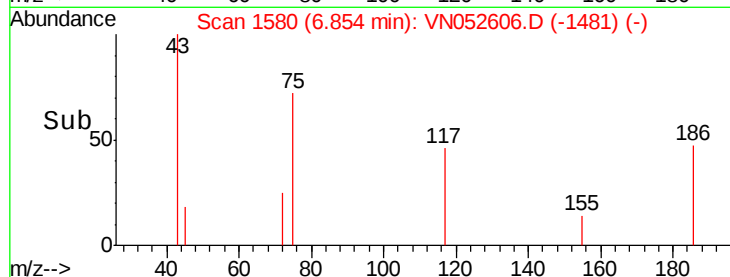
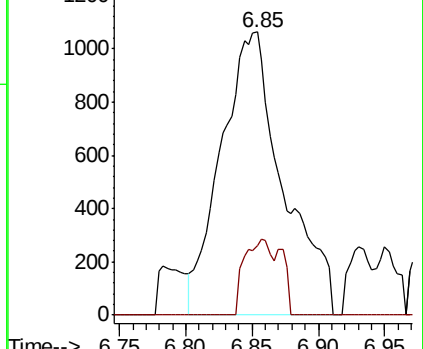
43 100

72 24.7 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.313 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

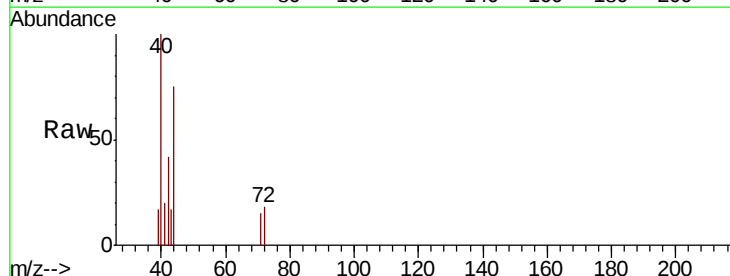
Tgt Ion: 42 Resp: 986

Ion Ratio Lower Upper

42 100

72 52.1 33.3 49.9#

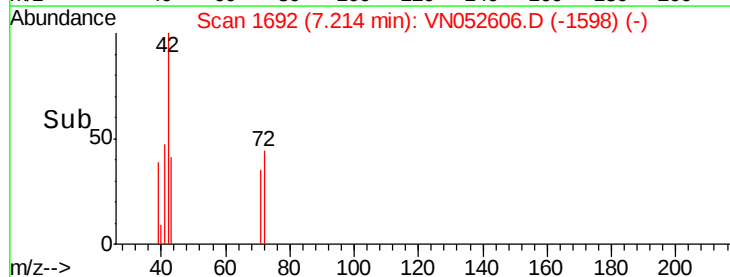
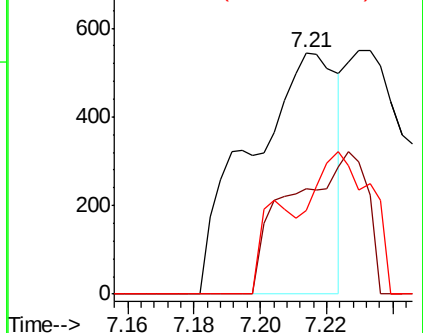
71 39.9 32.0 48.0

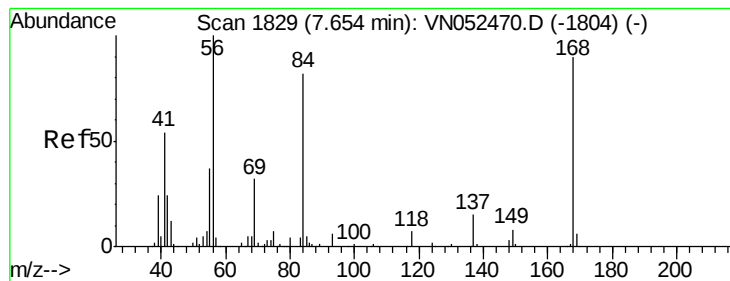


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 0.574 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

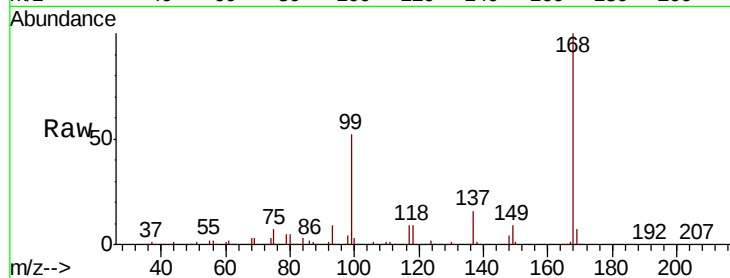
Tot Ion: 56 Resp: 21030

Ion Ratio Lower Upper

56 100

69 171.8 25.8 38.6#

84 158.0 65.3 97.9#

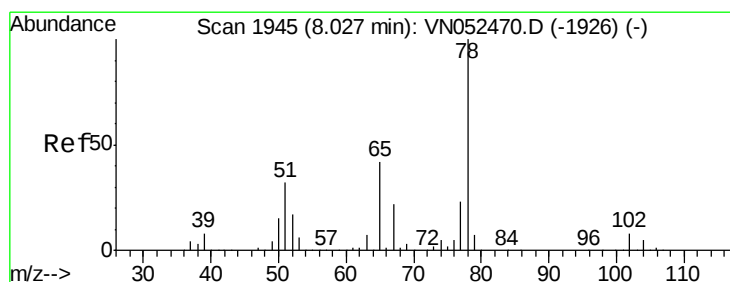
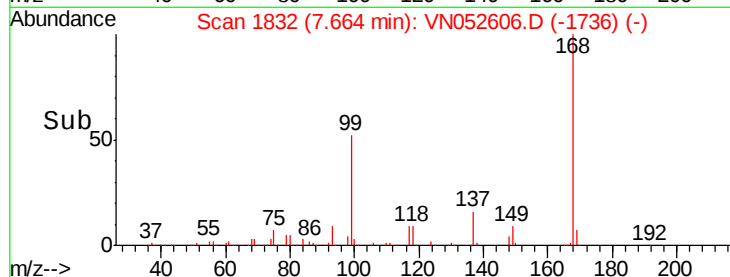
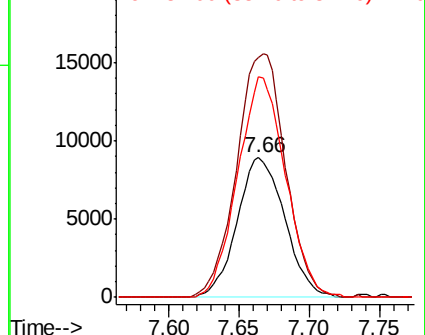


Abundance

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# 1945

Delta R.T. 0.00 min

Lab File: VN052606.D

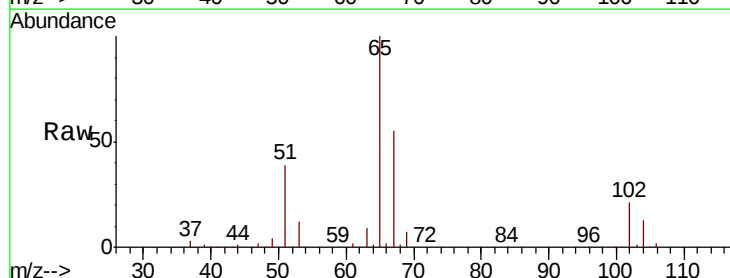
Acq: 30 Nov 2018 14:54

Tgt Ion: 65 Resp: 632601

Ion Ratio Lower Upper

65 100

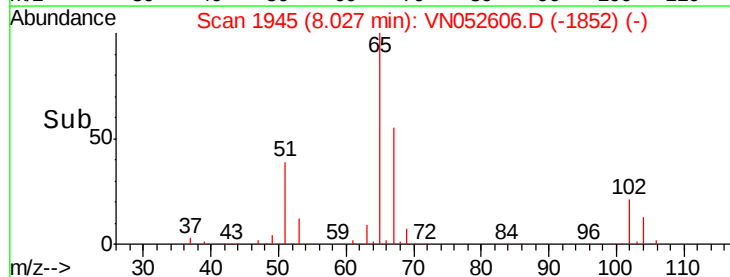
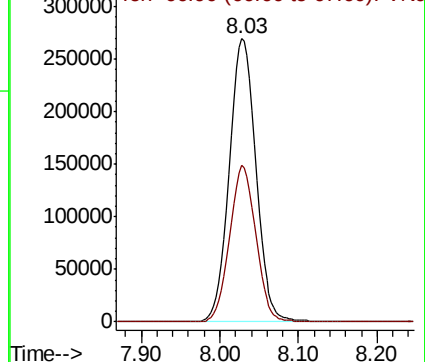
67 54.2 0.0 109.8

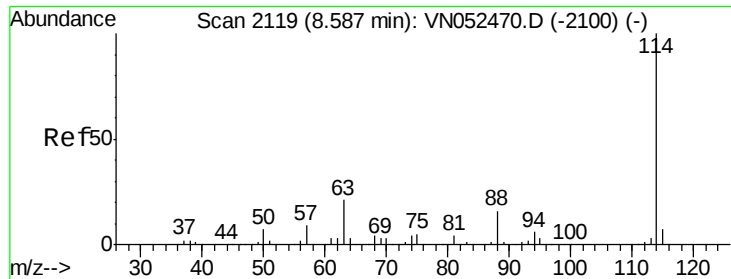


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

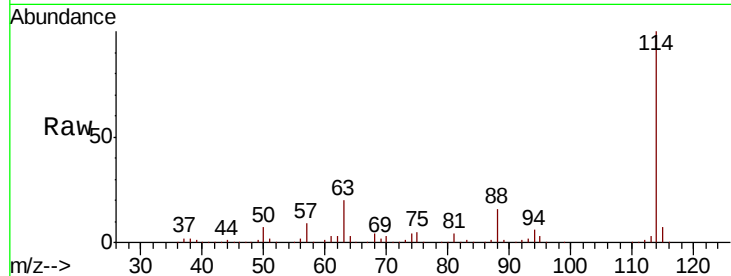




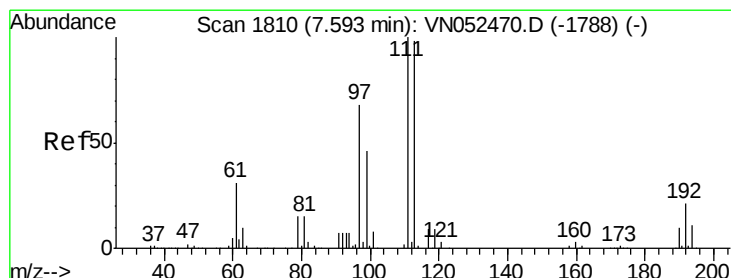
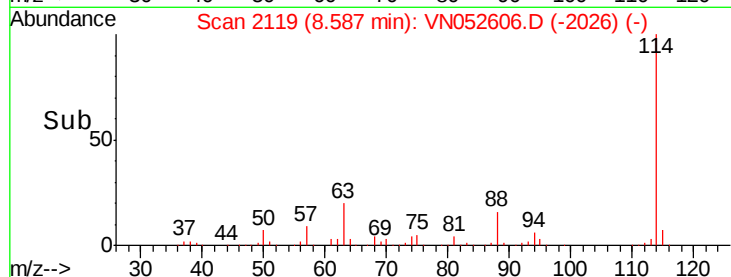
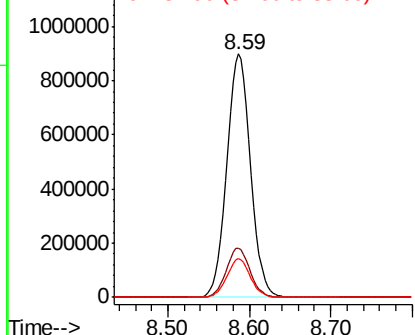
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Tot Ion:114 Resp: 1843243
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.8
88 15.8 0.0 31.6

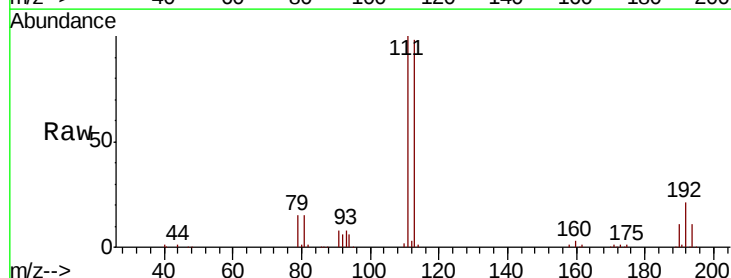


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

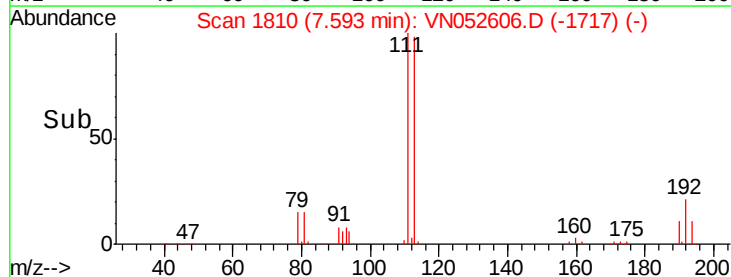
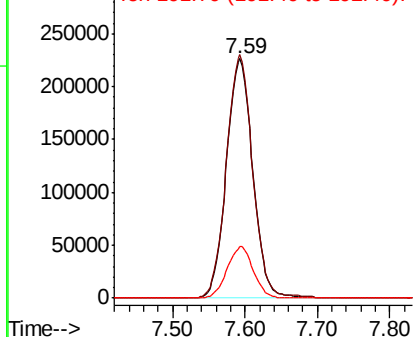


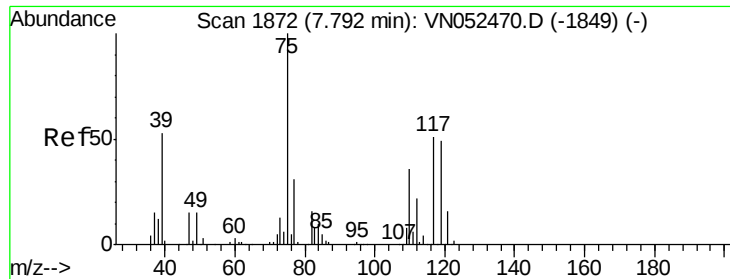
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion:113 Resp: 573280
Ion Ratio Lower Upper
113 100
111 101.1 82.0 123.0
192 21.3 17.0 25.6



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: 4.810 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

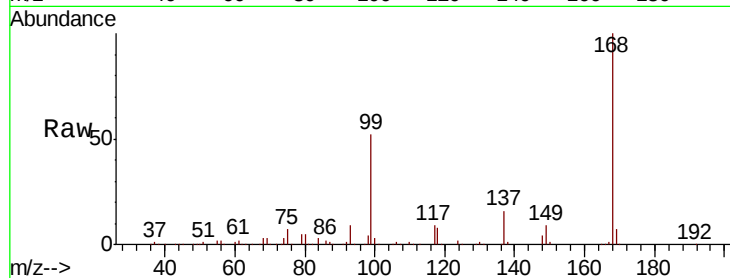
Tot Ion: 75 Resp: 83727

Ion Ratio Lower Upper

75 100

110 8.3 17.5 52.6#

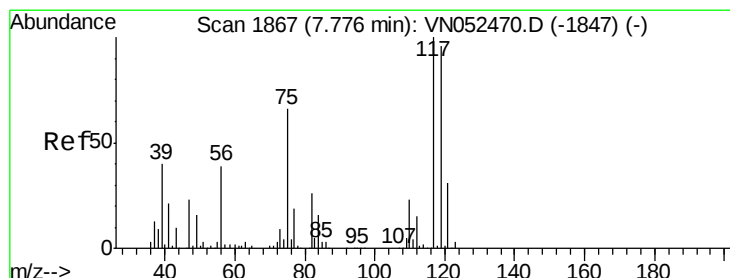
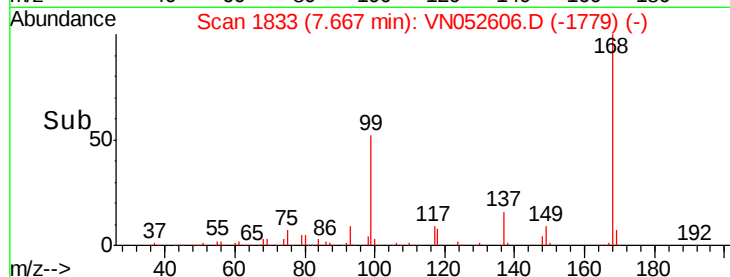
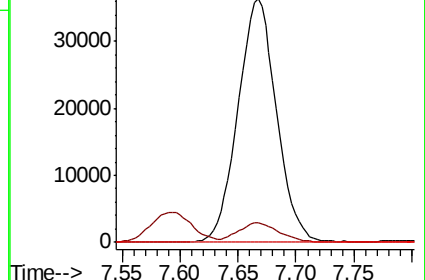
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN052470.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN052470.D (-1849) (-)



#38

Carbon Tetrachloride

Concen: 6.708 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

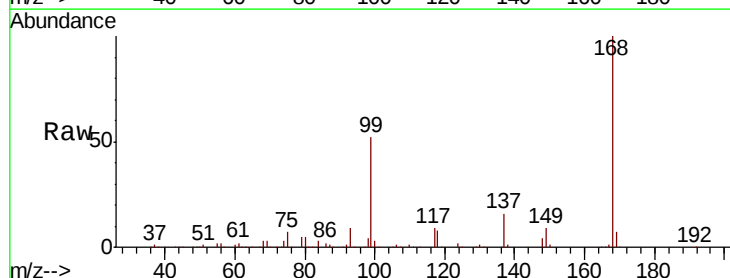
Tgt Ion: 117 Resp: 105694

Ion Ratio Lower Upper

117 100

119 5.1 76.8 115.2#

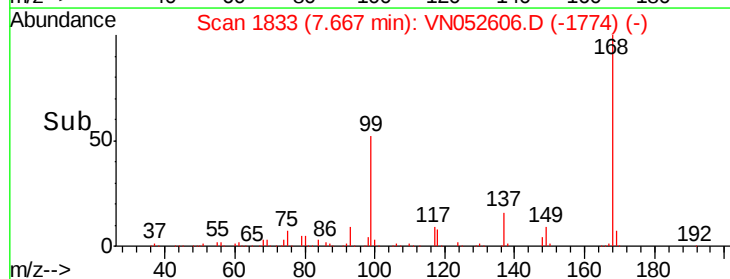
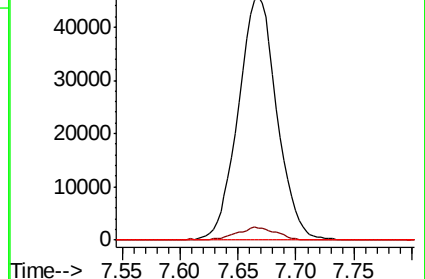
121 0.0 24.9 37.3#

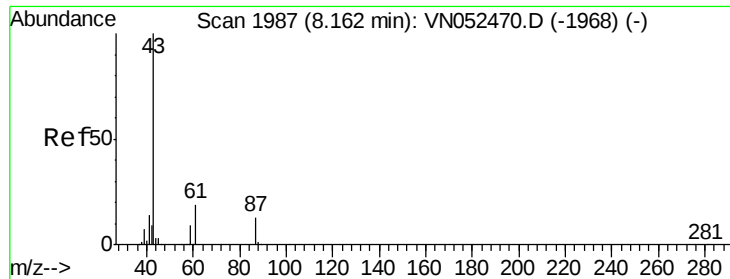


Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN052470.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN052470.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 3.395 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

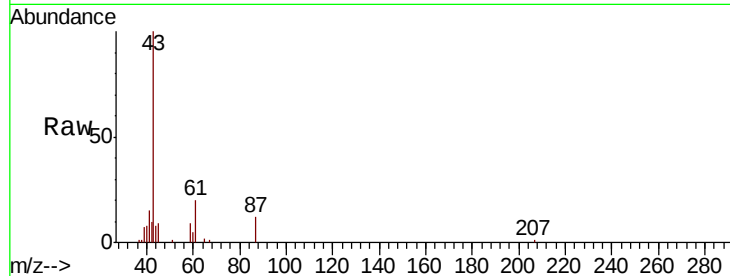
Tot Ion: 43 Resp: 61024

Ion Ratio Lower Upper

43 100

61 17.0 24.1 36.1#

87 10.3 10.6 15.8#

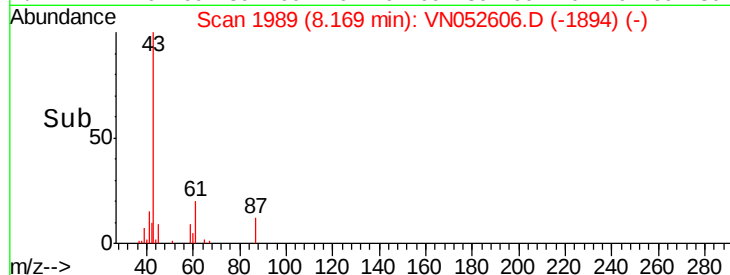


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->

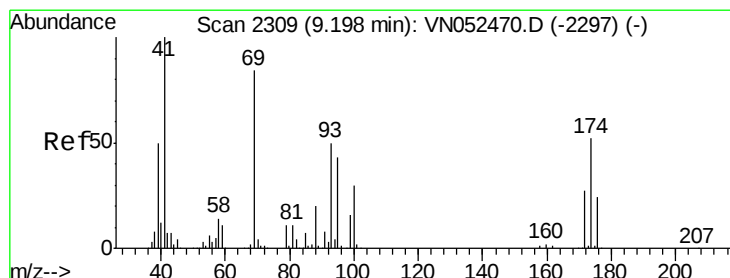


Abundance Ion 43.00 (42.70 to 43.70): VN052606.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN052606.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN052606.D (-1894) (-)

Time-->



#48

Methyl methacrylate

Concen: 1.768 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

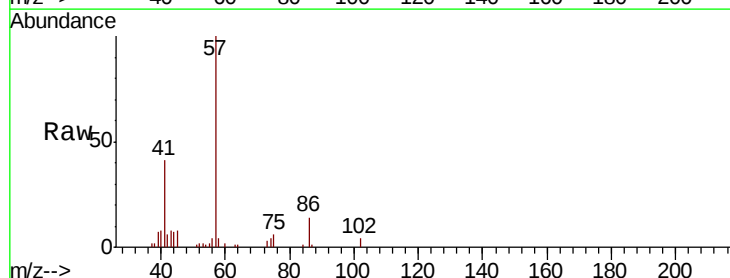
Tgt Ion: 41 Resp: 16574

Ion Ratio Lower Upper

41 100

69 0.0 70.0 105.0#

39 0.0 42.6 64.0#

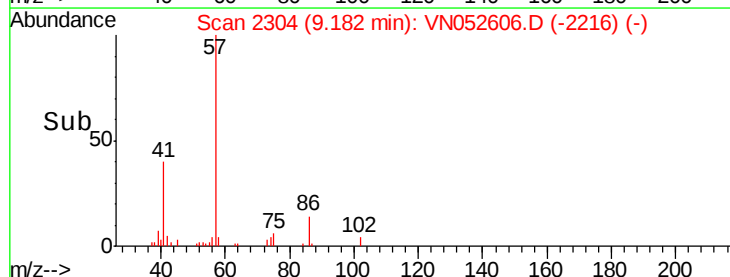


Abundance Ion 41.00 (40.70 to 41.70): VN052470.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN052470.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN052470.D (-2297) (-)

Time-->

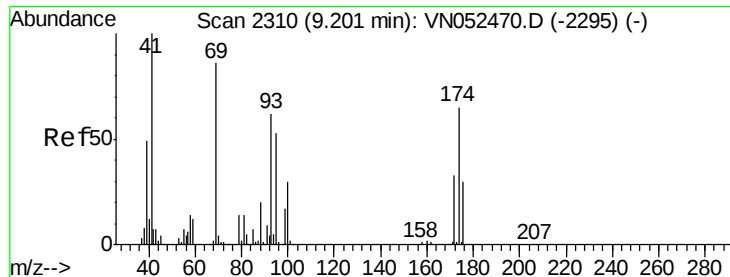


Abundance Ion 41.00 (40.70 to 41.70): VN052606.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052606.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052606.D (-2216) (-)

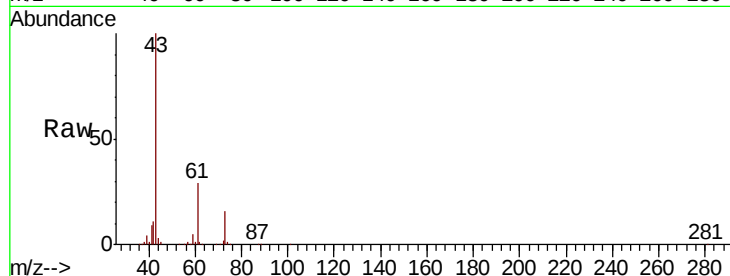
Time-->



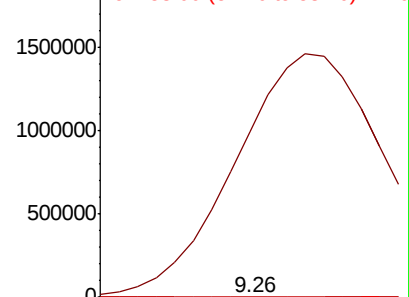
#49
1,4-Dioxane
Concen: 2.385 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

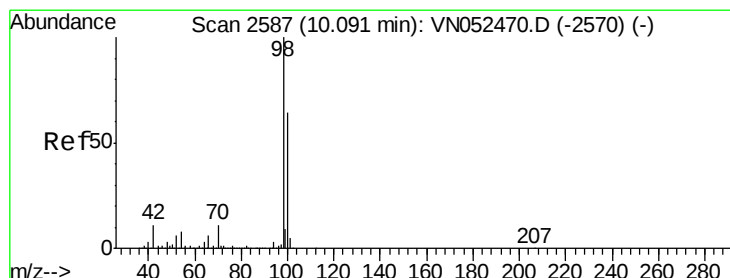
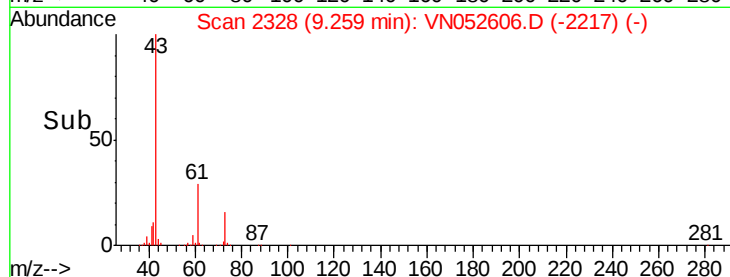
Tot Ion: 88 Resp: 232
Ion Ratio Lower Upper
88 100
43 0.0 26.4 39.6#
58 0.0 55.4 83.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

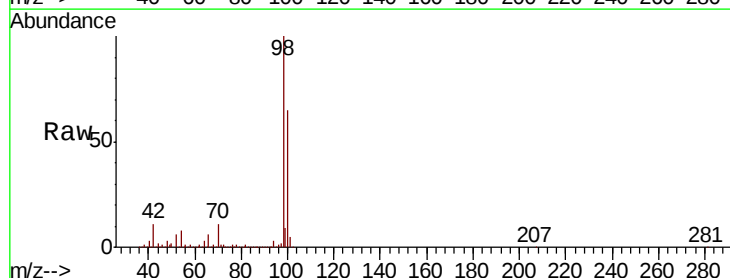


Time-->

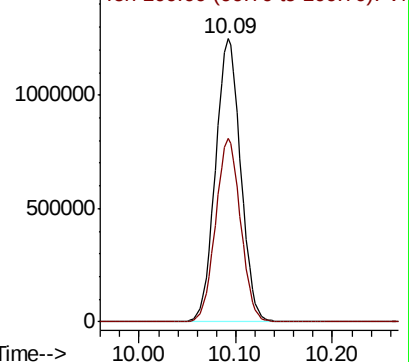


#50
Toluene-d8
Concen: 2.385 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

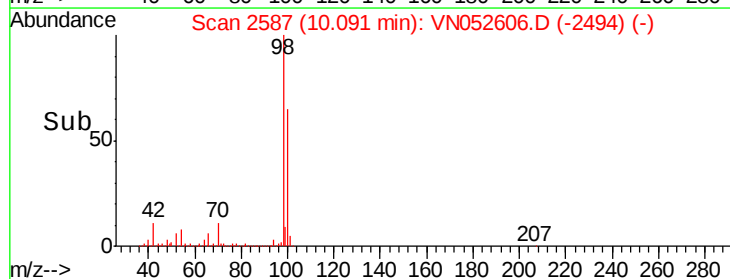
Tgt Ion: 98 Resp: 2254541
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9

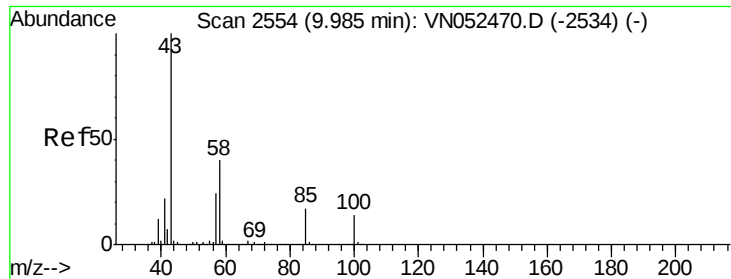


Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 2.079 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

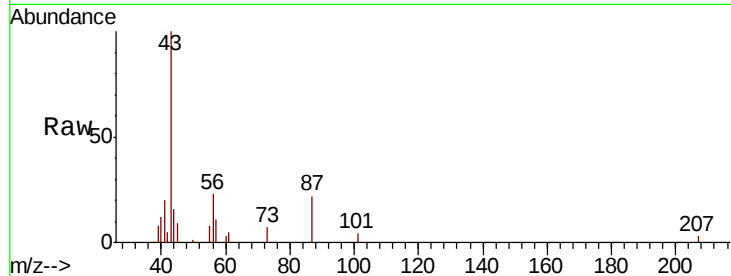
PB115186ZHE#04

Tot Ion: 43 Resp: 20968

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

12000

10000

8000

6000

4000

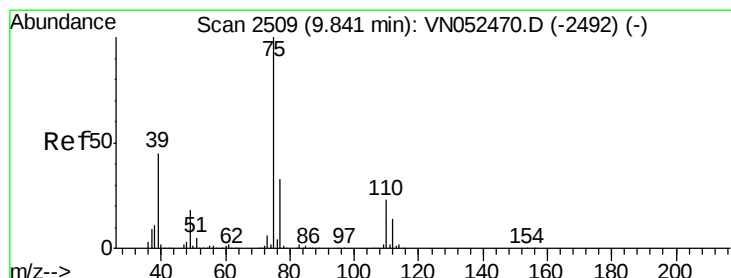
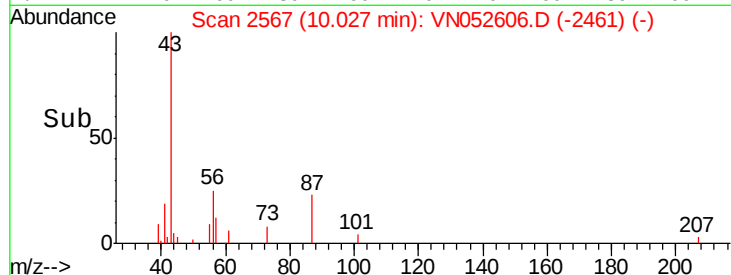
2000

0

10.00

10.05

Time-->



#54

cis-1,3-Dichloropropene

Concen: 7.410 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

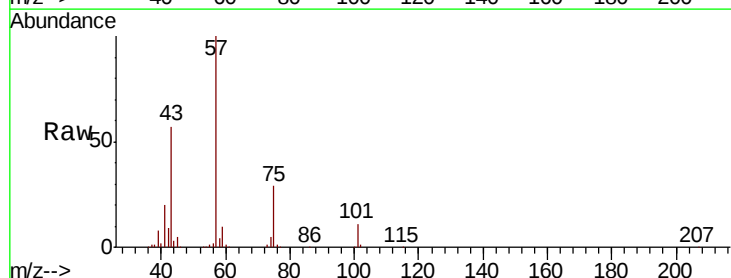
Tgt Ion: 75 Resp: 141806

Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

39 28.1 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

100000

80000

60000

40000

20000

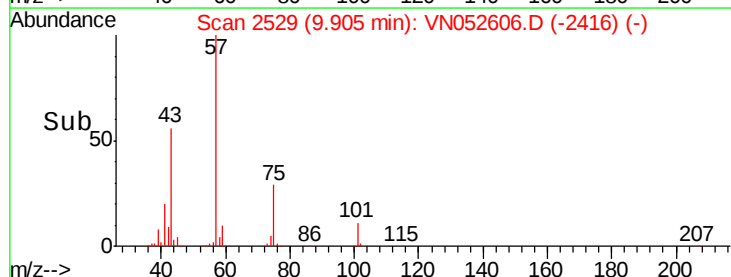
0

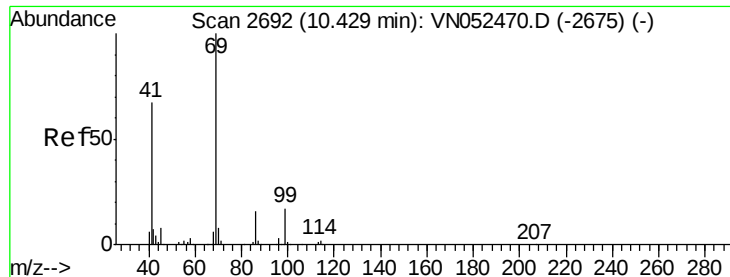
9.80

9.90

10.00

Time-->





#56

Ethyl methacrylate

Concen: 2.806 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

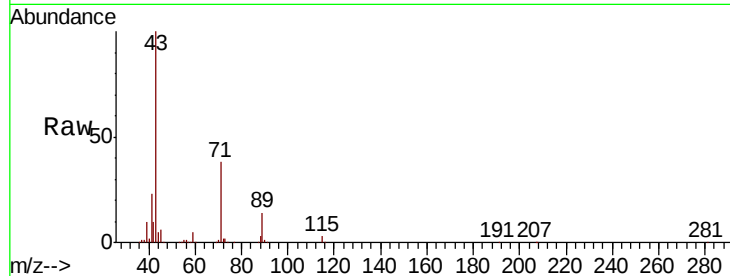
Tot Ion: 69 Resp: 1803

Ion Ratio Lower Upper

69 100

41 6042.8 52.6 79.0#

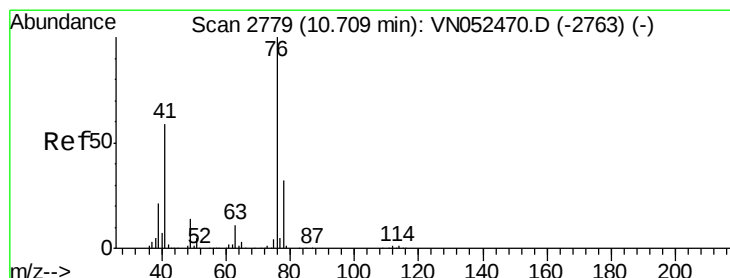
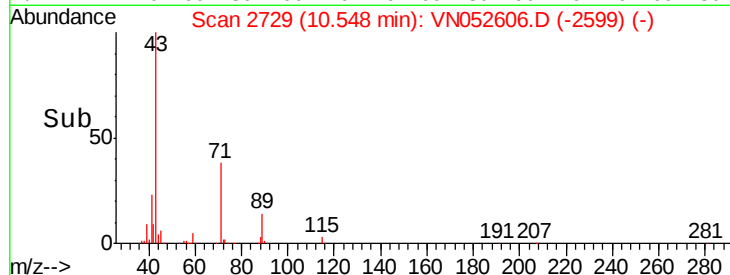
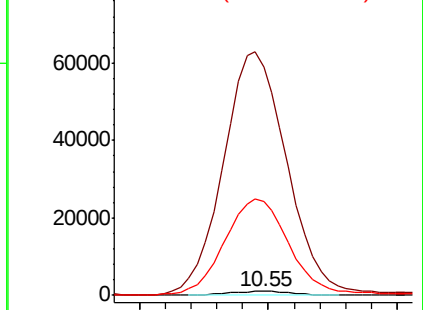
39 2423.0 25.9 38.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.379 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN052606.D

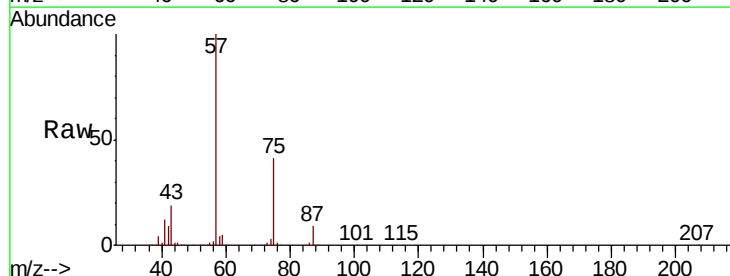
Acq: 30 Nov 2018 14:54

Tgt Ion: 76 Resp: 26397

Ion Ratio Lower Upper

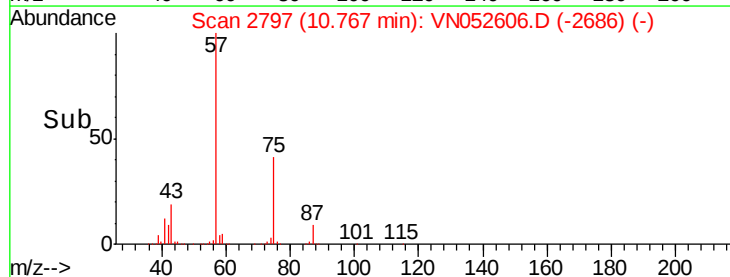
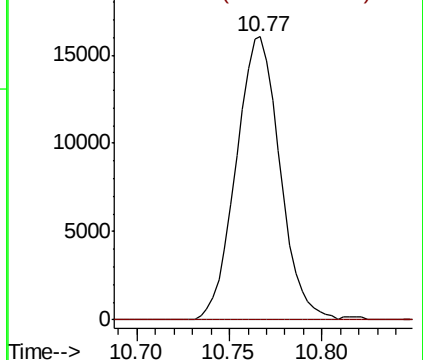
76 100

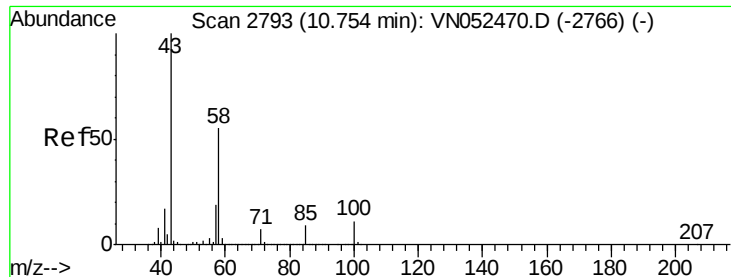
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

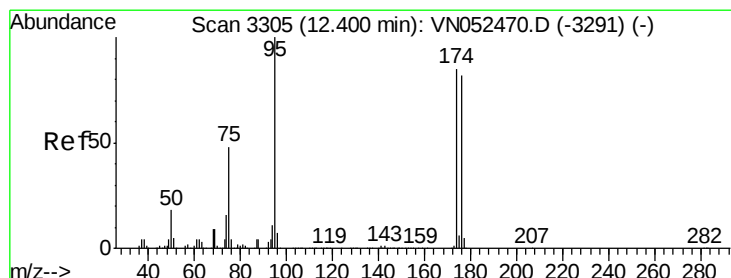
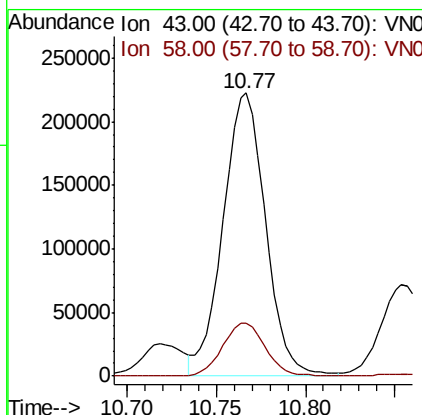
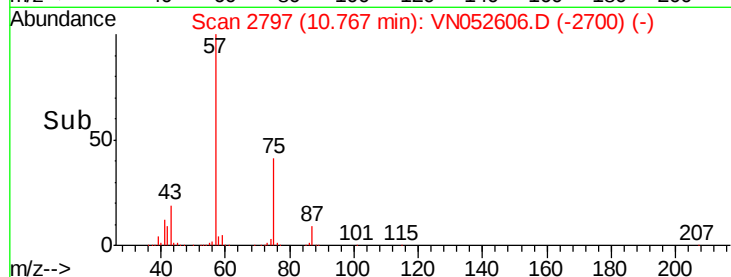
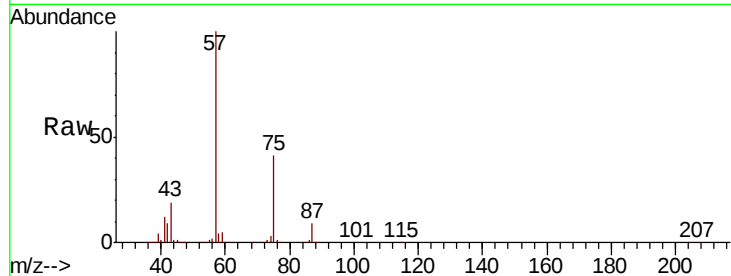




#59
2-Hexanone
Concen: 54.162 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

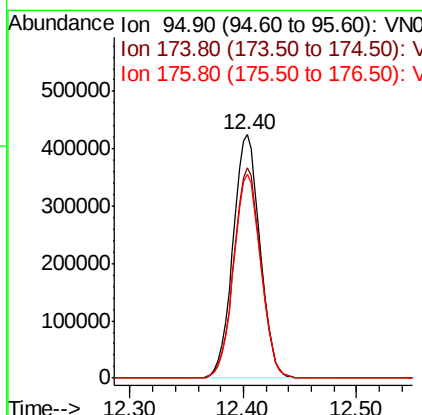
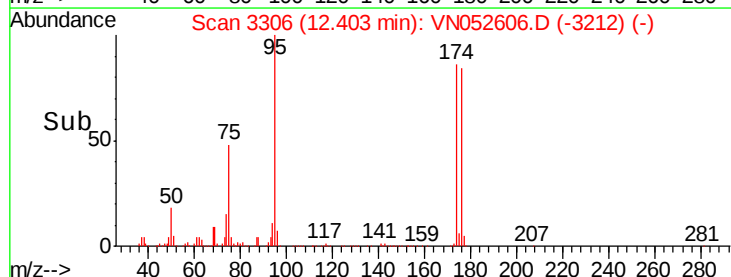
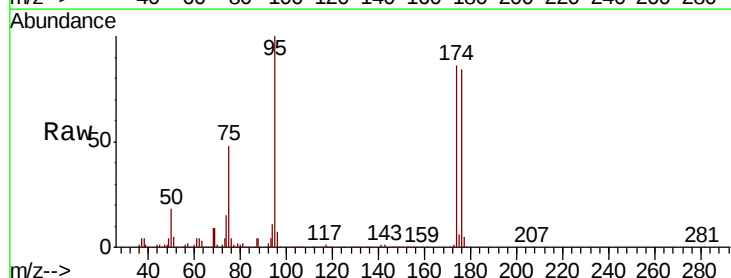
Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

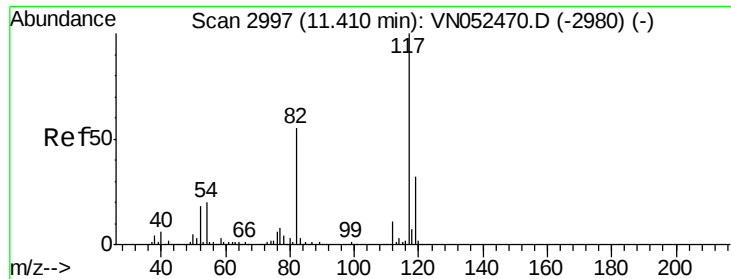
Tot Ion: 43 Resp: 366649
Ion Ratio Lower Upper
43 100
58 19.3 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 95 Resp: 702434
Ion Ratio Lower Upper
95 100
174 87.1 0.0 173.0
176 84.5 0.0 166.2

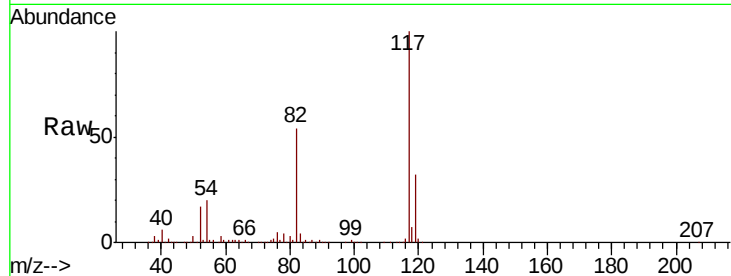




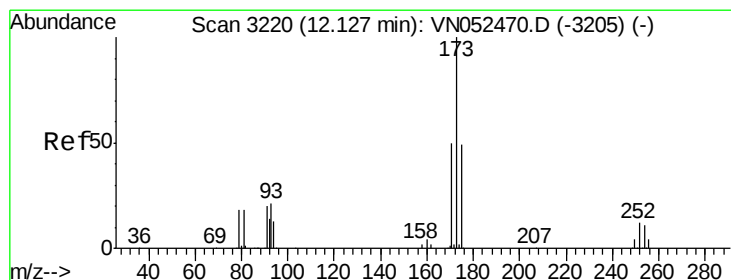
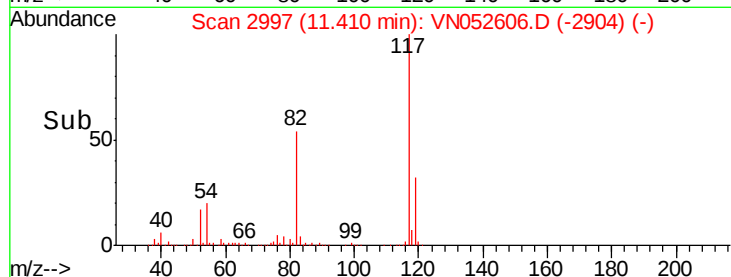
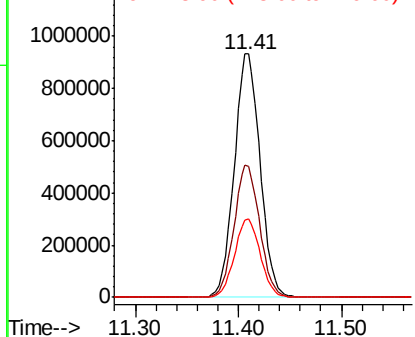
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Tot Ion:117 Resp: 1623408
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 32.1 25.4 38.2

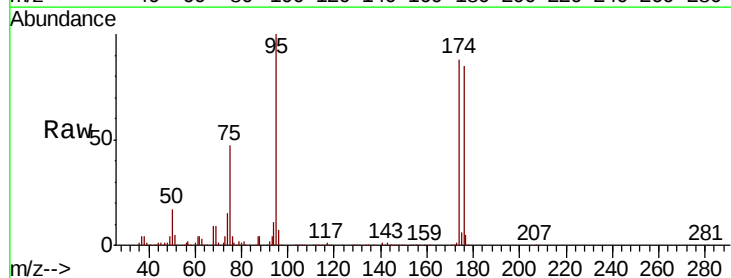


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

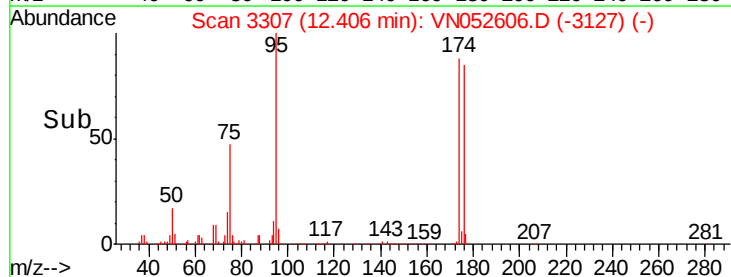
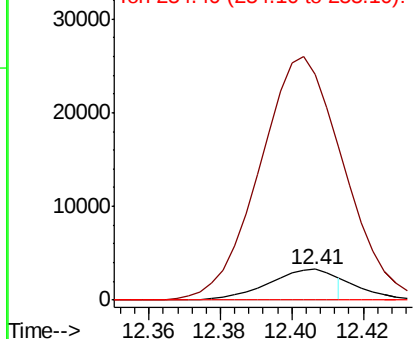


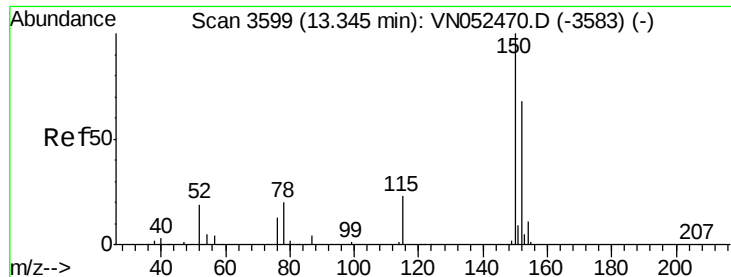
#71
Bromoform
Concen: 0.553 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion:173 Resp: 4261
Ion Ratio Lower Upper
173 100
175 849.0 24.4 73.2#
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: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

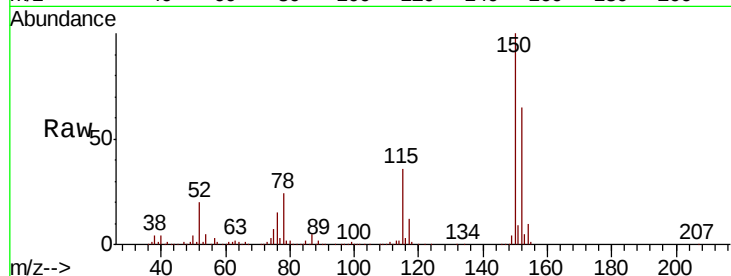
Tot Ion:152 Resp: 588686

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

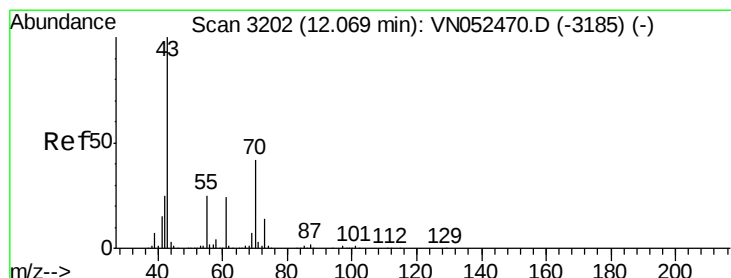
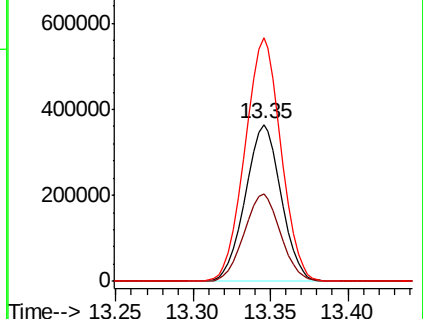
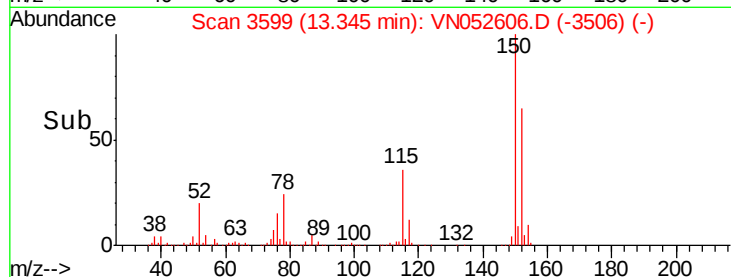
150 156.2 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 3.796 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Tgt Ion: 43 Resp: 44288

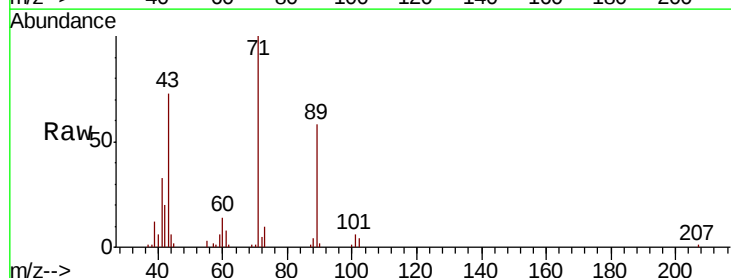
Ion Ratio Lower Upper

43 100

70 2.2 33.8 50.8#

55 5.1 20.0 30.0#

61 10.8 19.7 29.5#

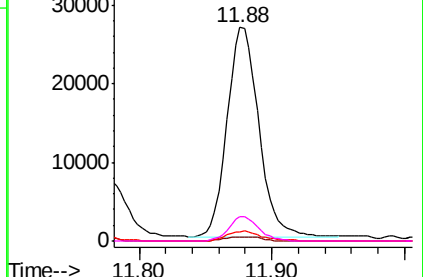
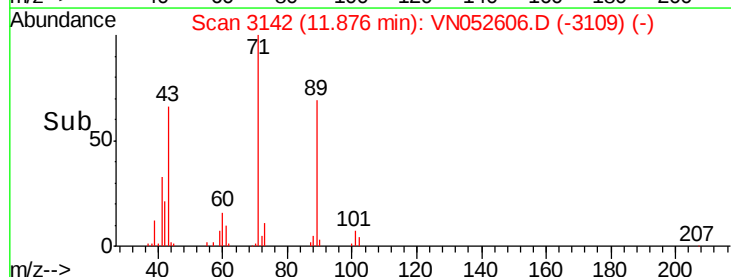


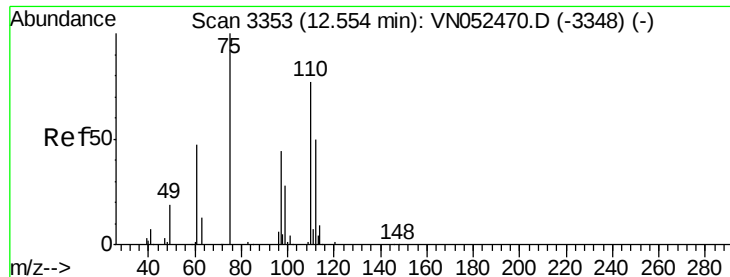
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 37.032 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

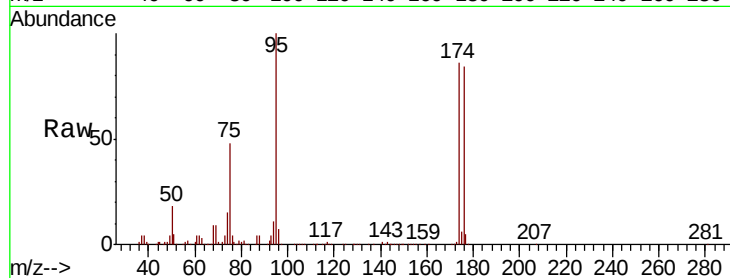
PB115186ZHE#04

Tot Ion: 75 Resp: 336171

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052606.D (-3306) (-)

Ion 77.00 (76.70 to 77.70): VN052606.D (-3306) (-)

12.40

200000

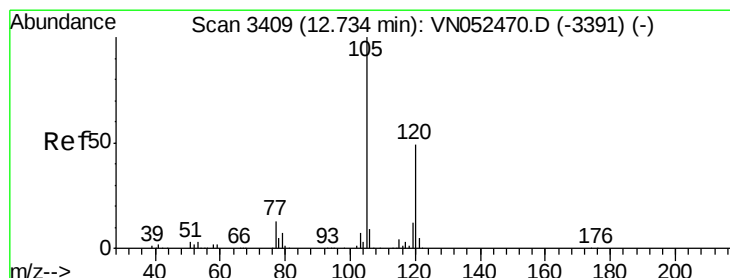
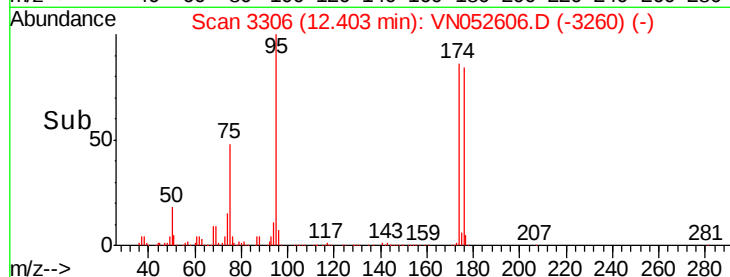
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.869 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052606.D

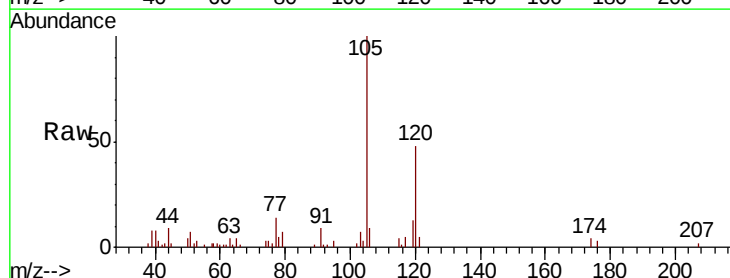
Acq: 30 Nov 2018 14:54

Tgt Ion: 105 Resp: 32027

Ion Ratio Lower Upper

105 100

120 49.0 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052606.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN052606.D (-3316) (-)

12.73

20000

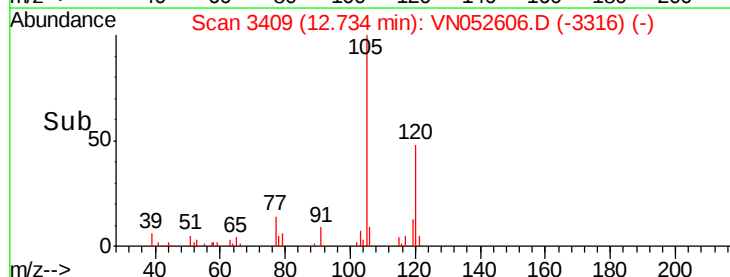
15000

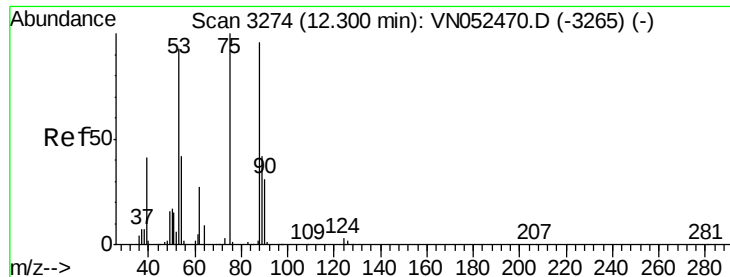
10000

5000

0

Time--> 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 123.669 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

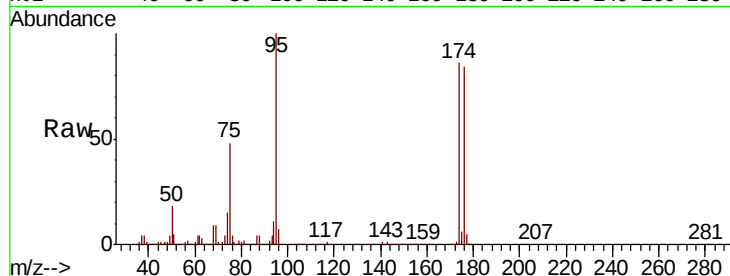
Tot Ion: 75 Resp: 336171

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

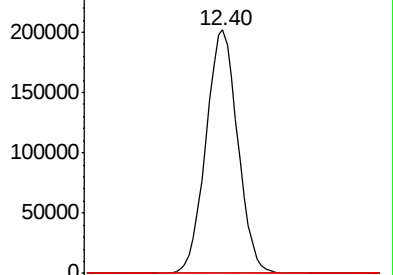
89 0.0 35.4 53.2#



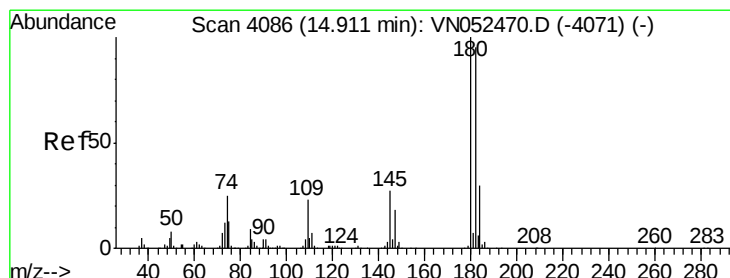
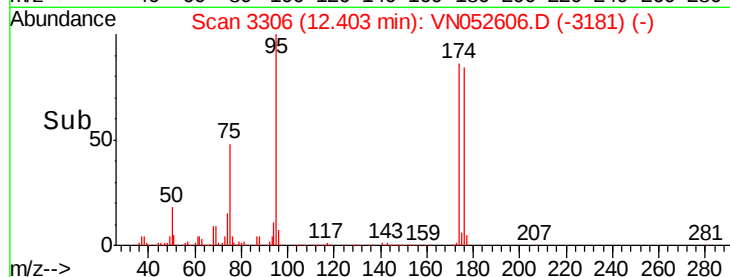
Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052470.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052470.D (-3265) (-)



Time--> 12.30 12.40 12.50



#93

1,2,4-Trichlorobenzene

Concen: 2.856 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

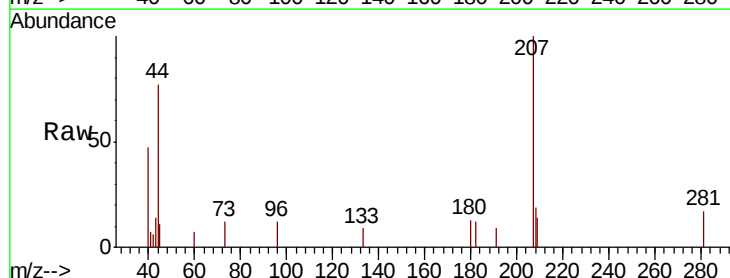
Tgt Ion:180 Resp: 295

Ion Ratio Lower Upper

180 100

182 149.2 47.8 143.4#

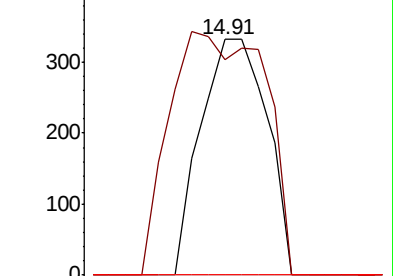
145 0.0 14.1 42.3#



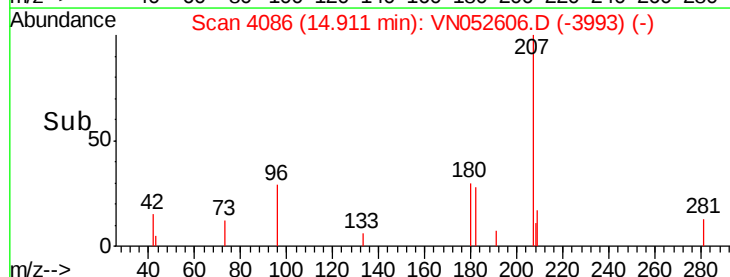
Abundance Ion 179.80 (179.50 to 180.50): VN052470.D (-4071) (-)

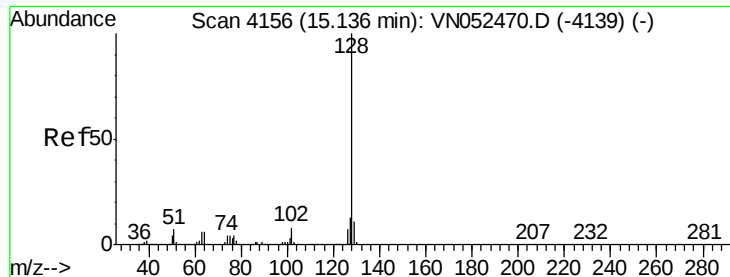
Ion 181.80 (181.50 to 182.50): VN052470.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052470.D (-4071) (-)



Time--> 14.90 14.92





#95

Naphthalene

Concen: 3.476 ug/l

RT: 15.15 min Scan# 4159

Delta R.T. 0.01 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#04

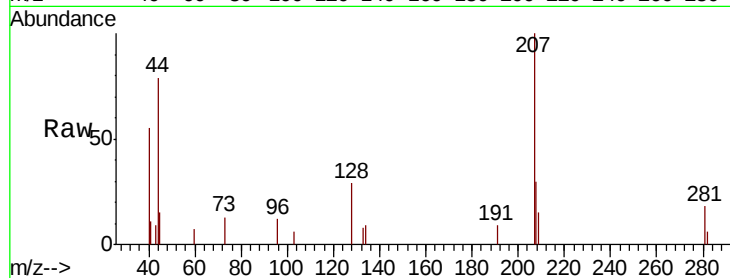
Tot Ion:128 Resp: 1141

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

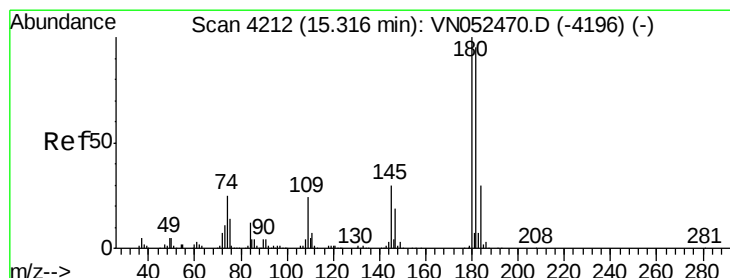
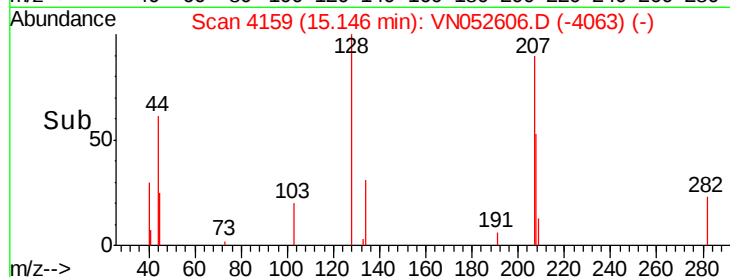
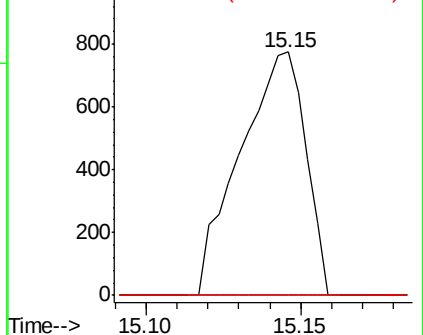
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.763 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052606.D

Acq: 30 Nov 2018 14:54

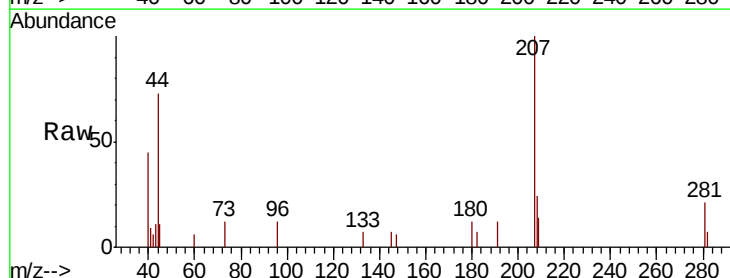
Tgt Ion:180 Resp: 370

Ion Ratio Lower Upper

180 100

182 45.1 47.8 143.3#

145 28.1 15.2 45.5



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

