

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052118.D
 Acq On : 2 Nov 2018 10:20
 Operator : MD\SY
 Sample : PB114370ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#08

Quant Time: Nov 02 23:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	294527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	540872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216424	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	251041	53.12	ug/l	0.00
Spiked Amount			Recovery	=	106.24%	
35) Dibromofluoromethane	7.59	113	202199	59.76	ug/l	0.00
Spiked Amount			Recovery	=	119.52%	
50) Toluene-d8	10.09	98	813665	60.16	ug/l	0.00
Spiked Amount			Recovery	=	120.32%	
62) 4-Bromofluorobenzene	12.40	95	280949	56.59	ug/l	0.00
Spiked Amount			Recovery	=	113.18%	

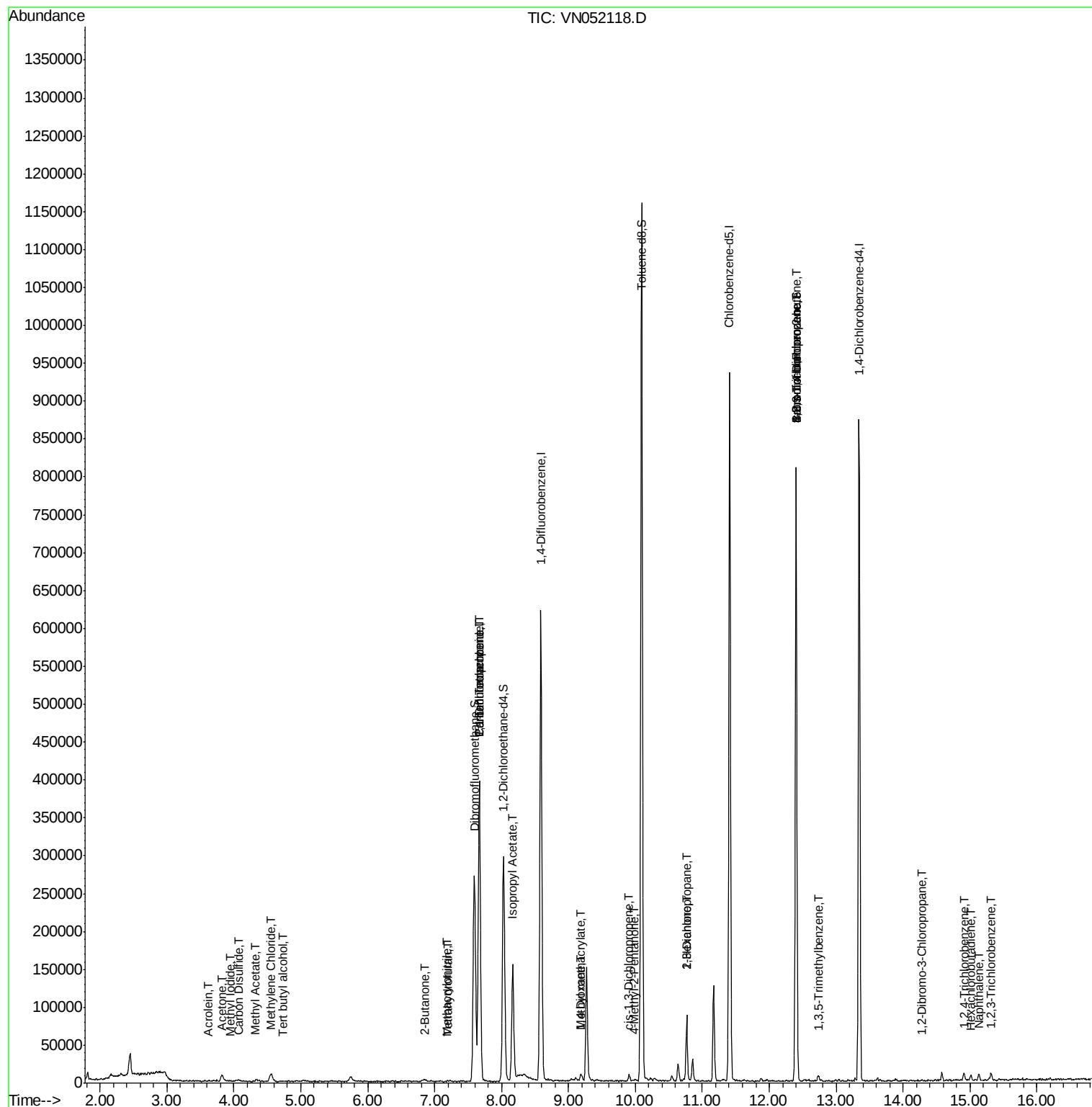
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	867	0.202	ug/l #	47
11) Tert butyl alcohol	4.74	59	145	0.613	ug/l #	4
13) Acrolein	3.62	56	240	24.949	ug/l #	1
16) Acetone	3.82	43	12689	12.578	ug/l	99
17) Carbon Disulfide	4.06	76	2544	0.261	ug/l #	76
18) Methyl Acetate	4.33	43	3582	1.115	ug/l #	84
20) Methylene Chloride	4.55	84	3931	1.023	ug/l #	77
25) 2-Butanone	6.85	43	2451	1.549	ug/l	95
29) Tetrahydrofuran	7.20	42	392	0.372	ug/l #	86
31) Cyclohexane	7.66	56	7883	Below Cal	#	11
36) 1,1-Dichloropropene	7.66	75	26351	4.791	ug/l #	46
38) Carbon Tetrachloride	7.67	117	30221	6.373	ug/l #	17
41) Methacrylonitrile	7.18	41	188	0.241	ug/l #	1
43) Isopropyl Acetate	8.17	43	183961	28.098	ug/l	100
48) Methyl methacrylate	9.18	41	4320	1.301	ug/l #	18
49) 1,4-Dioxane	9.18	88	30	26.112	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	1647	0.463	ug/l #	75
54) cis-1,3-Dichloropropene	9.90	75	1578	0.254	ug/l #	75
57) 1,3-Dichloropropane	10.77	76	1259	0.200	ug/l #	43
59) 2-Hexanone	10.77	43	12817	5.054	ug/l #	55
71) Bromoform	12.40	173	2106	3.097	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	148294	37.432	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3338	0.222	ug/l	77
81) trans-1,4-Dichloro-2-buten	12.40	75	148294	124.241	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.27	75	210	1.241	ug/l #	29
93) 1,2,4-Trichlorobenzene	14.91	180	2593	1.049	ug/l	89
94) Hexachlorobutadiene	15.00	225	500	0.361	ug/l #	18
95) Naphthalene	15.14	128	5883	0.949	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.32	180	2919	1.368	ug/l	91

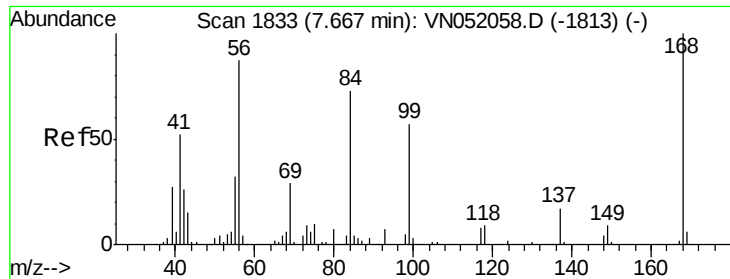
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 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: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

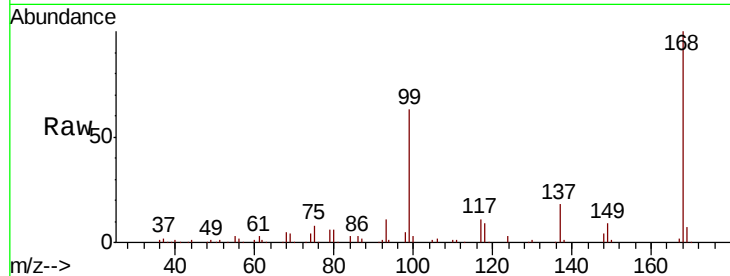
PB114370ZHE#08

Tot Ion:168 Resp: 294527

Ion Ratio Lower Upper

168 100

99 62.8 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

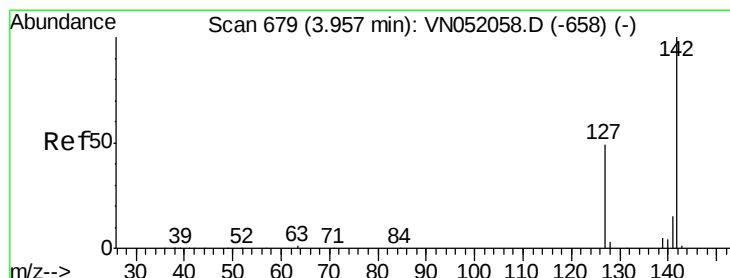
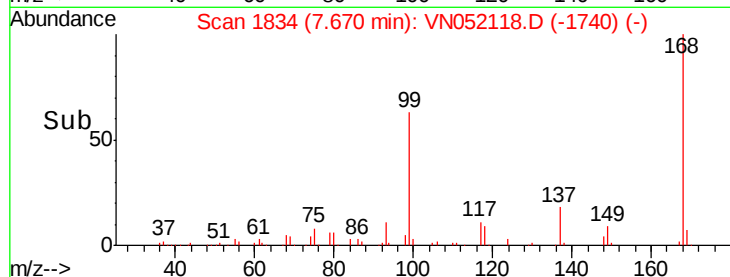
100000

50000

0

Time-->

7.60 7.70



#10

Methyl Iodide

Concen: 0.202 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.01 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

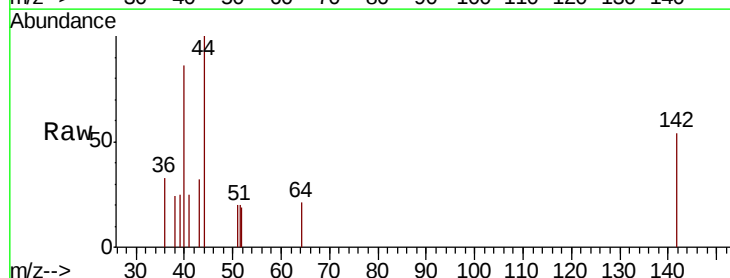
Tgt Ion:142 Resp: 867

Ion Ratio Lower Upper

142 100

127 7.6 37.3 55.9#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

500

400

300

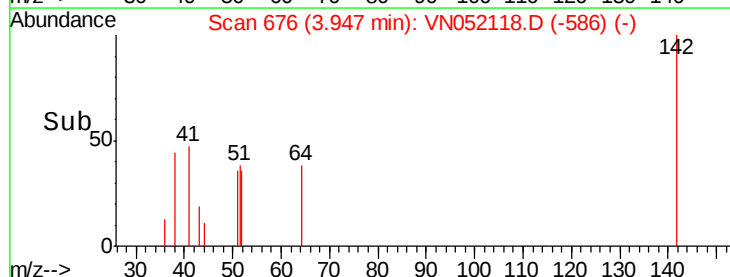
200

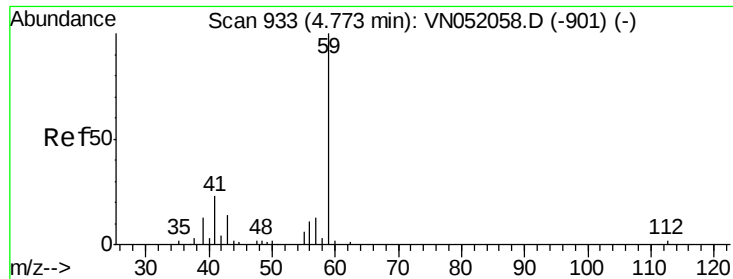
100

0

Time-->

3.90 3.95 4.00

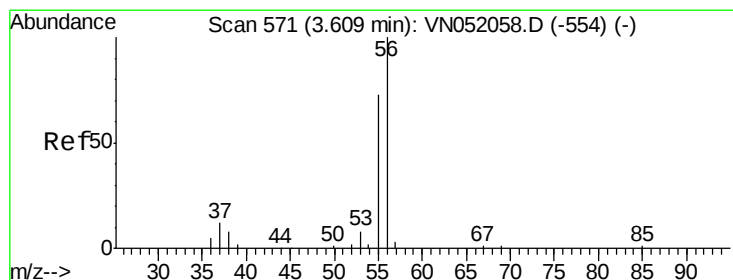
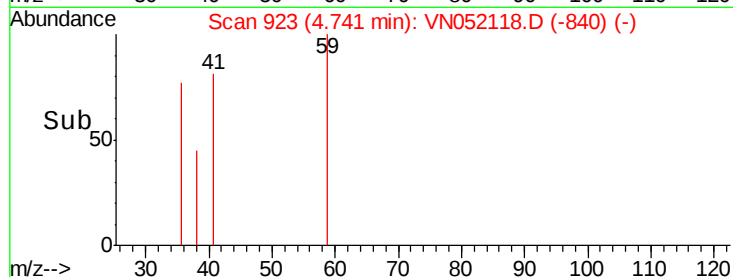
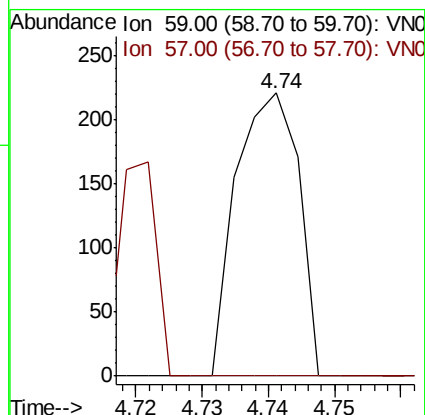
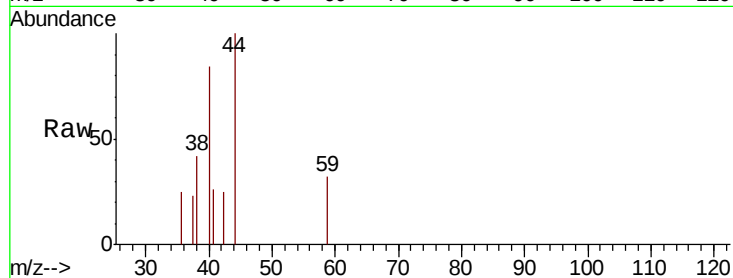




#11
Tert butyl alcohol
Concen: 0.613 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.03 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

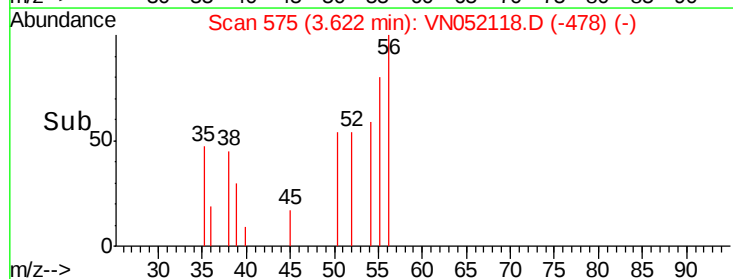
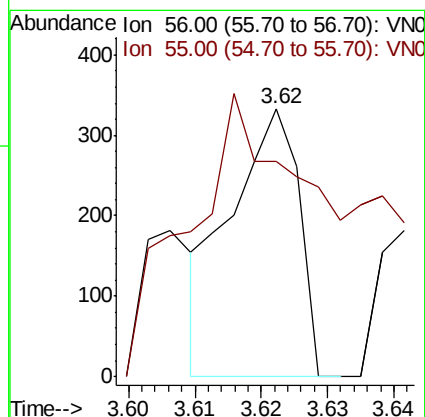
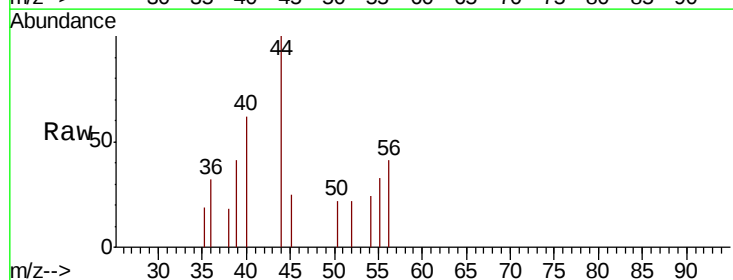
Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

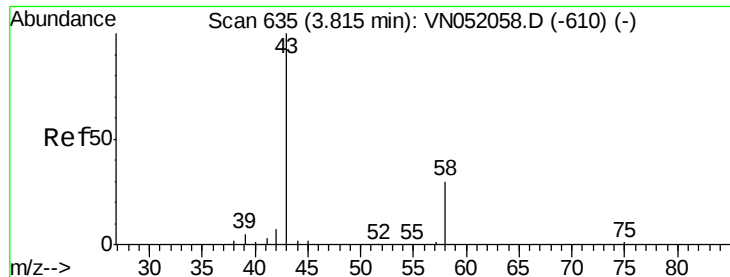
Tot Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 43.4 7.0 10.6#



#13
Acrolein
Concen: 24.949 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.01 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 234.2 59.9 89.9#





#16

Acetone

Concen: 12.578 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

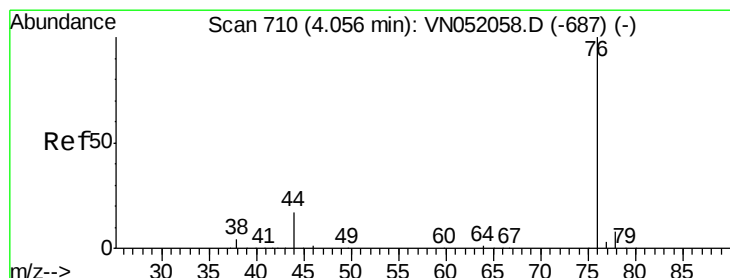
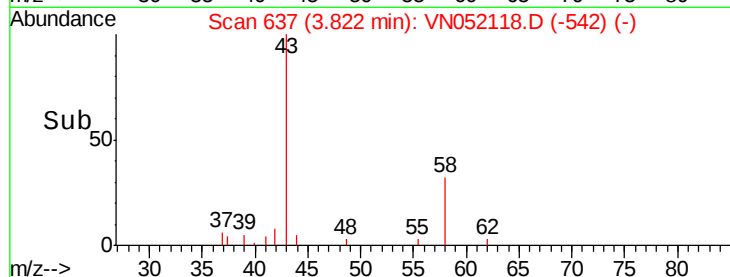
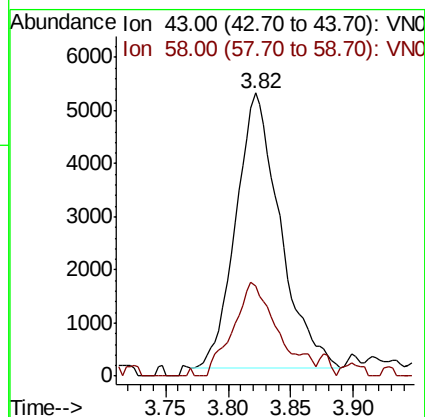
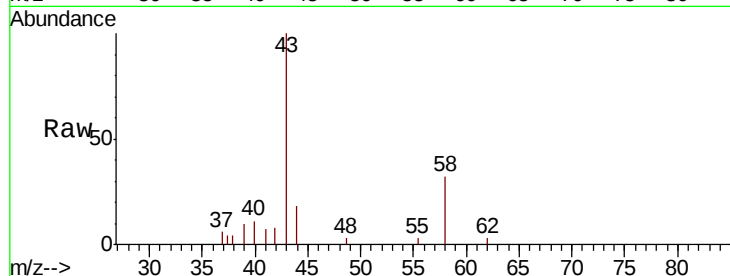
PB114370ZHE#08

Tot Ion: 43 Resp: 12689

Ion Ratio Lower Upper

43 100

58 29.7 24.2 36.2



#17

Carbon Disulfide

Concen: 0.261 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052118.D

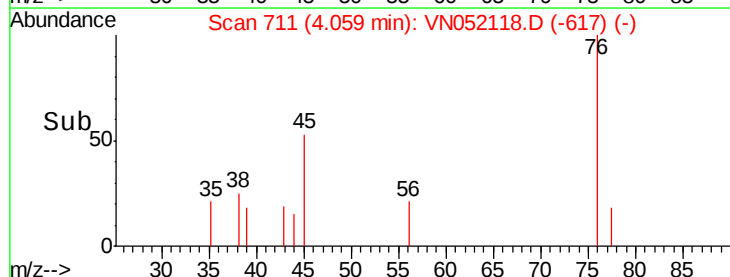
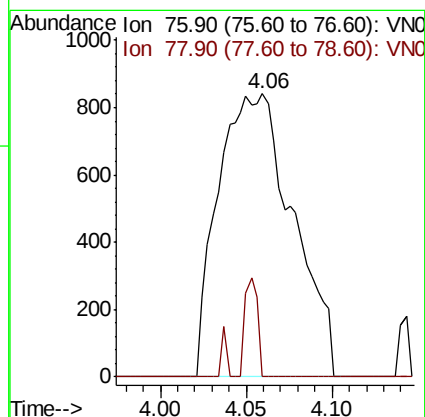
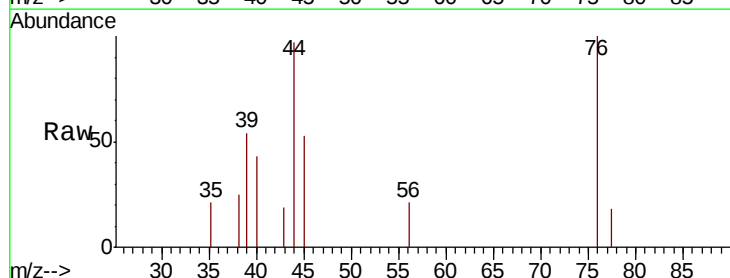
Acq: 2 Nov 2018 10:20

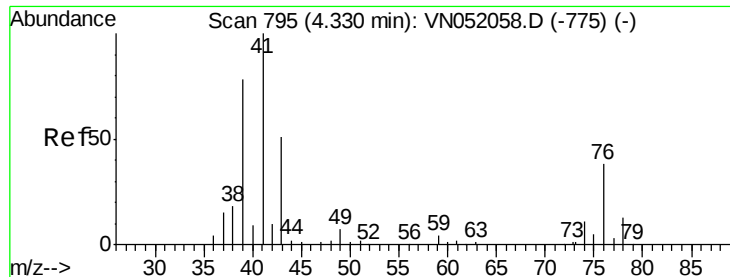
Tgt Ion: 76 Resp: 2544

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#

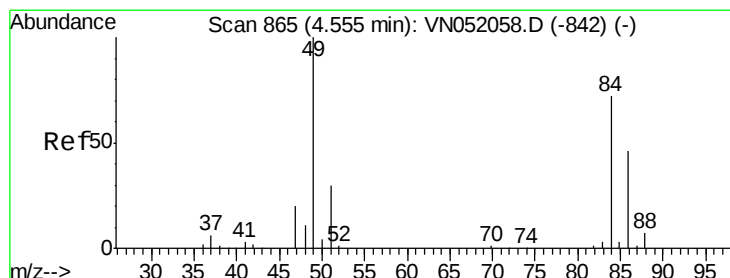
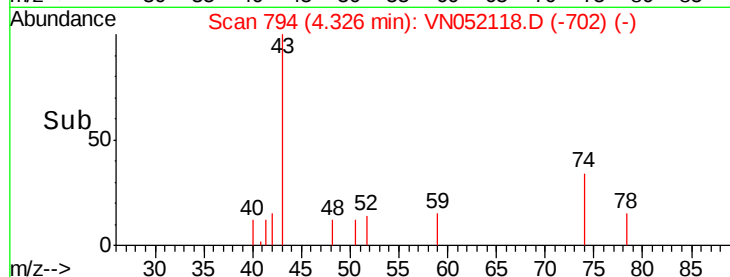
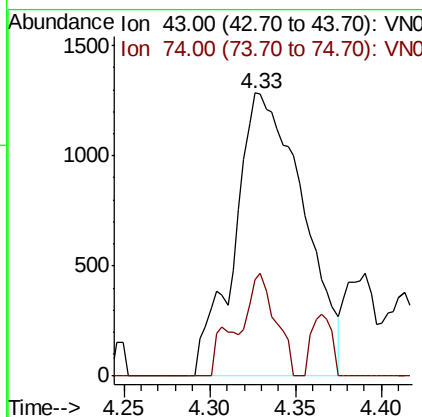
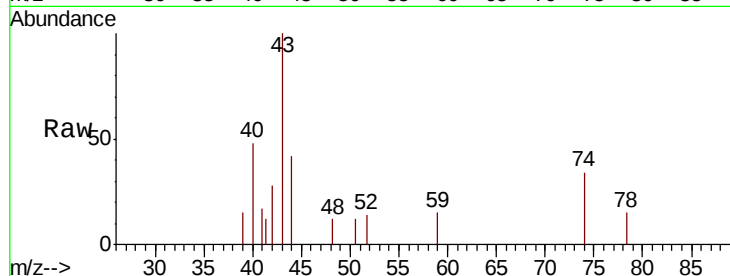




#18
Methyl Acetate
Concen: 1.115 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

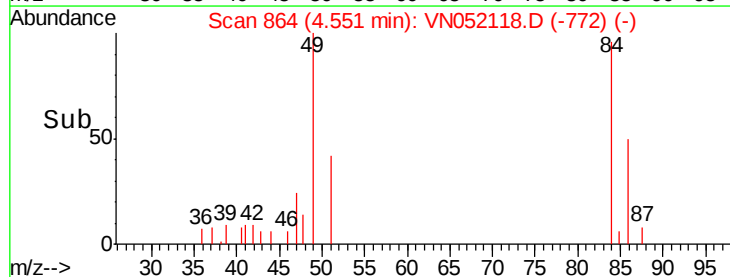
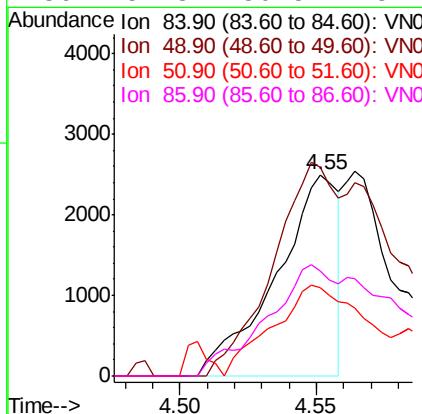
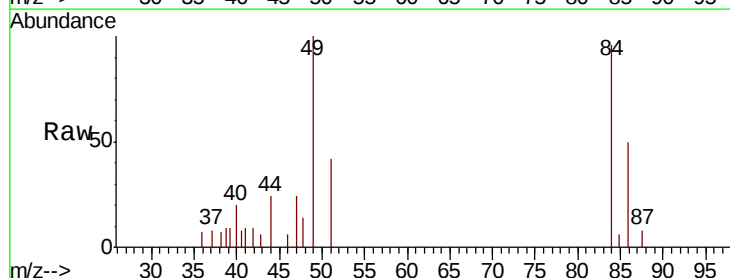
Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

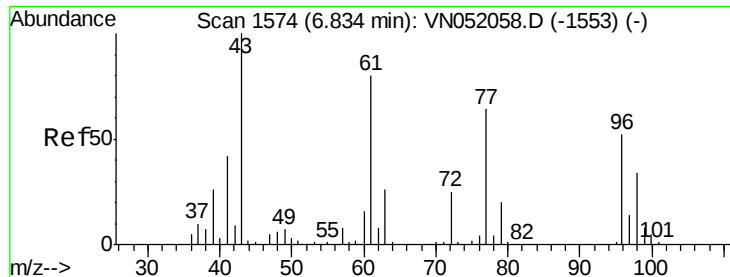
Tot Ion: 43 Resp: 3582
Ion Ratio Lower Upper
43 100
74 14.5 17.9 26.9#



#20
Methylene Chloride
Concen: 1.023 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 84 Resp: 3931
Ion Ratio Lower Upper
84 100
49 103.9 110.6 165.8#
51 28.8 33.7 50.5#
86 52.3 50.5 75.7





#25

2-Butanone

Concen: 1.549 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

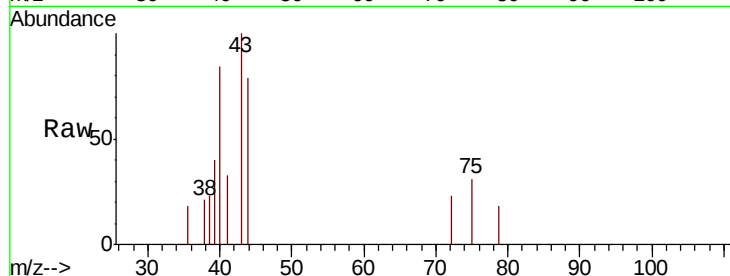
PB114370ZHE#08

Tot Ion: 43 Resp: 2451

Ion Ratio Lower Upper

43 100

72 22.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

1000

800

600

400

200

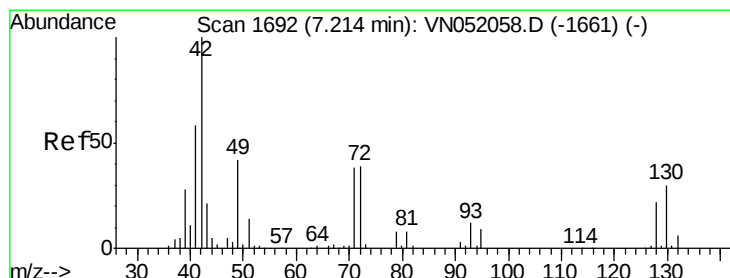
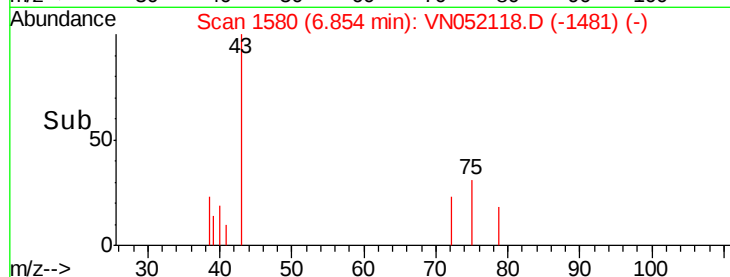
0

6.80

6.85

6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.372 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

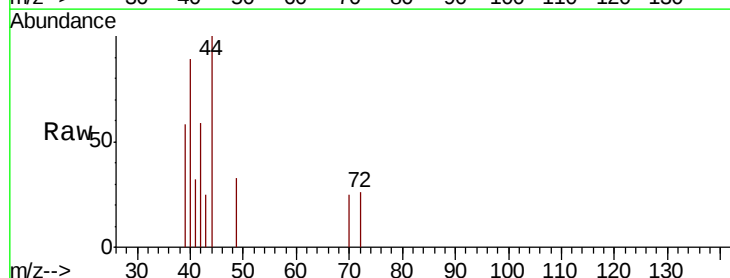
Tgt Ion: 42 Resp: 392

Ion Ratio Lower Upper

42 100

72 33.4 32.5 48.7

71 48.0 30.6 46.0#



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

600

500

400

300

200

100

0

7.18

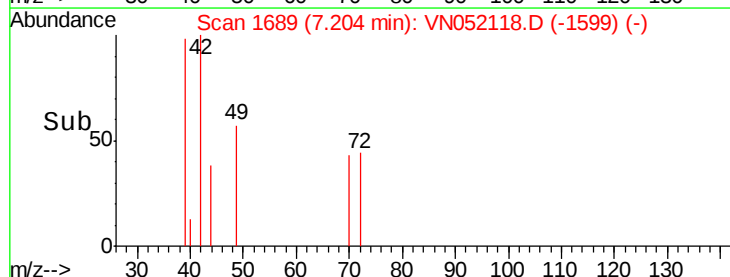
7.19

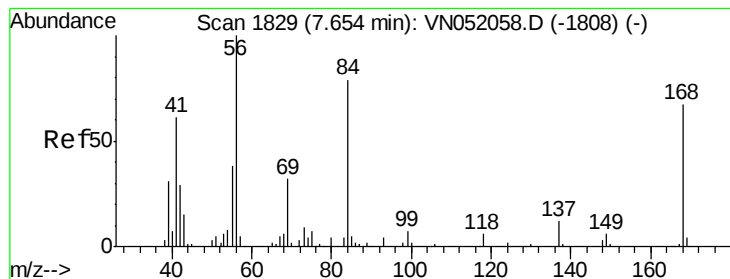
7.20

7.21

7.22

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#08

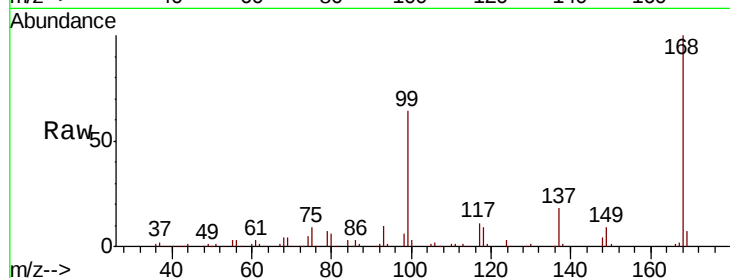
Tot Ion: 56 Resp: 7883

Ion Ratio Lower Upper

56 100

69 140.6 25.8 38.6#

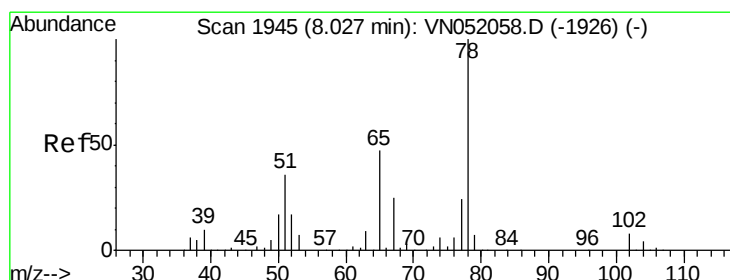
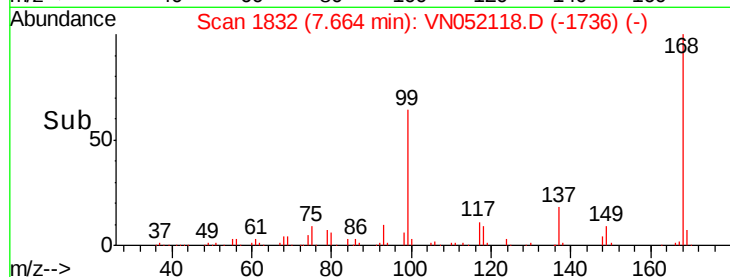
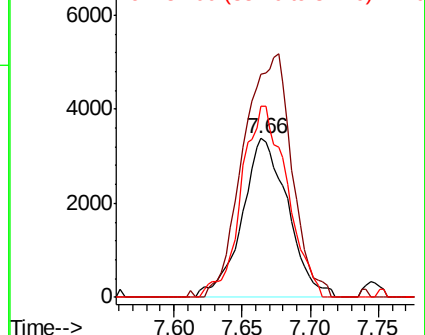
84 120.5 63.5 95.3#



Abundance Ion 56.00 (55.70 to 56.70): VN052118.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN052118.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN052118.D (-1736) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052118.D

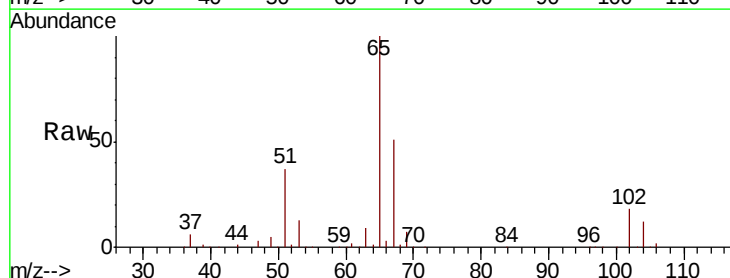
Acq: 2 Nov 2018 10:20

Tgt Ion: 65 Resp: 251041

Ion Ratio Lower Upper

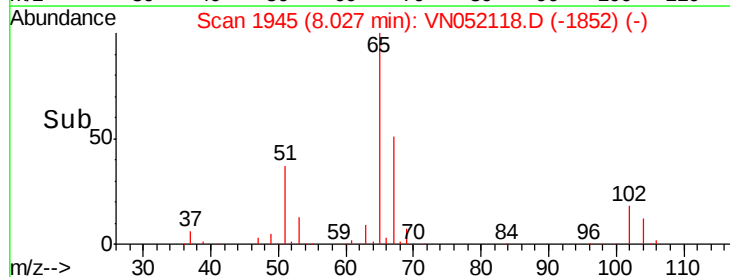
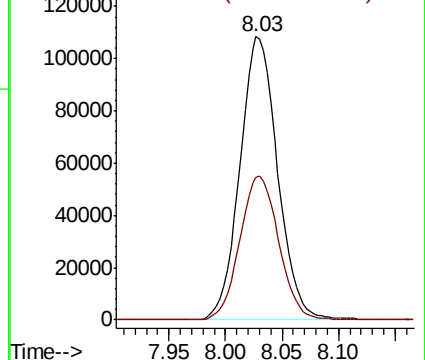
65 100

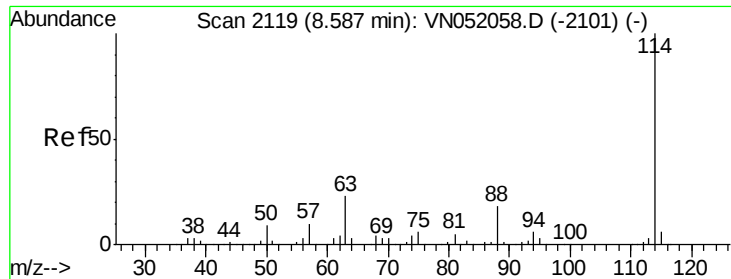
67 52.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN052118.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052118.D (-1852) (-)

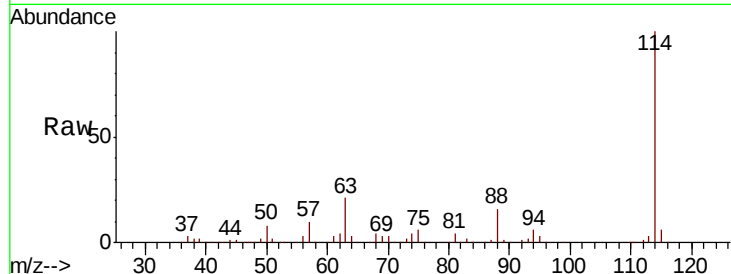




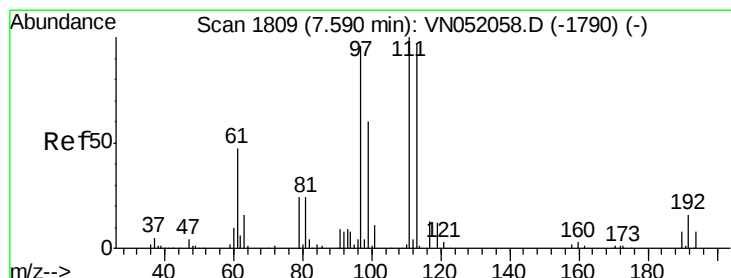
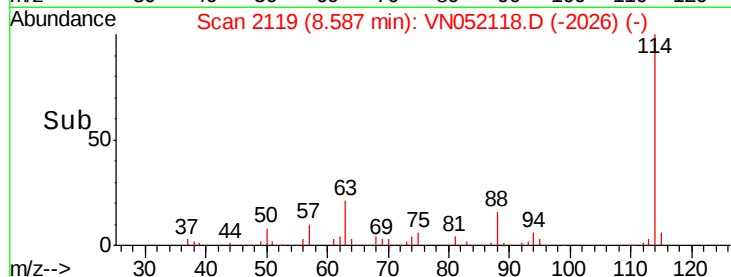
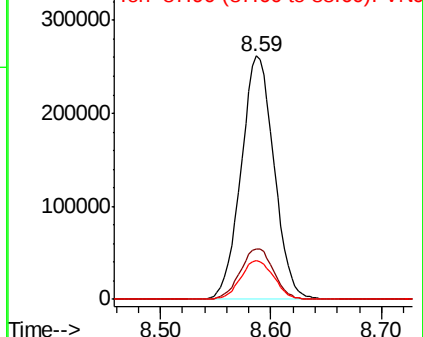
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

Tot Ion:114 Resp: 540872
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.0
88 15.9 0.0 35.4

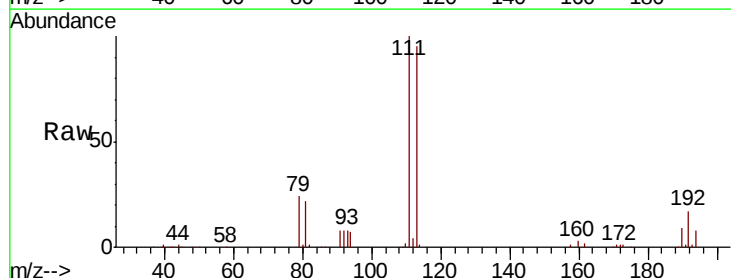


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

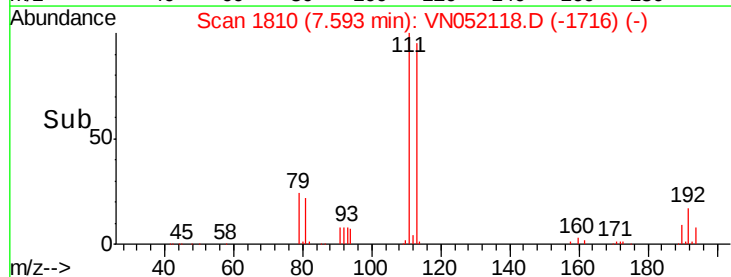
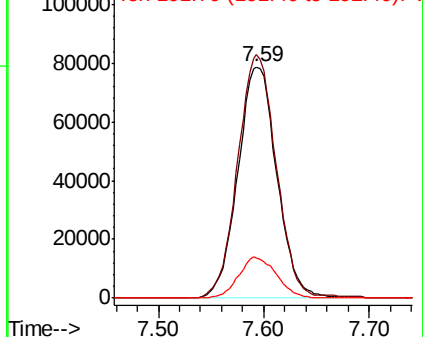


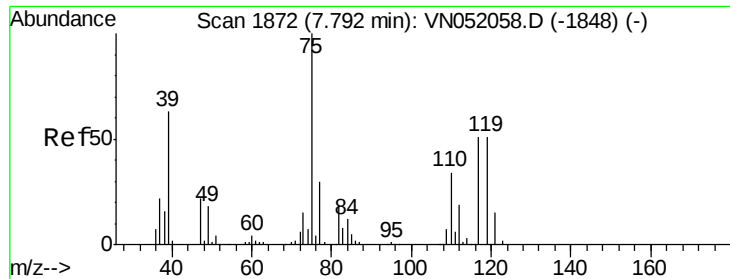
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion:113 Resp: 202199
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.2 12.7 19.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

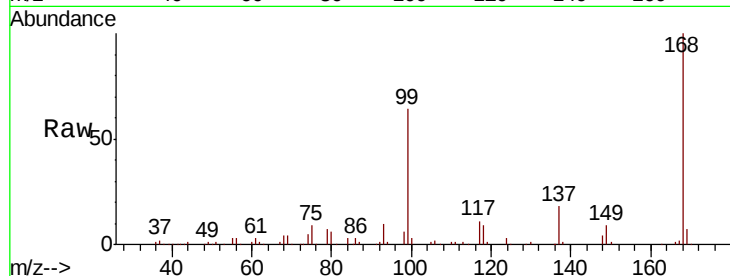




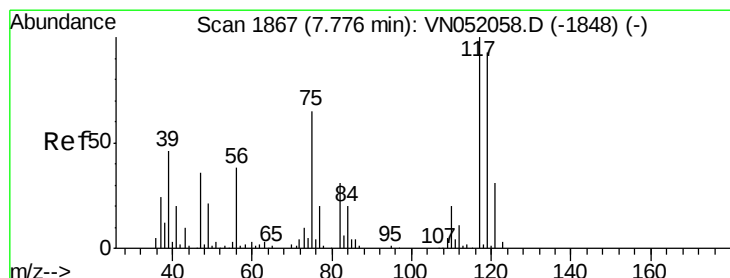
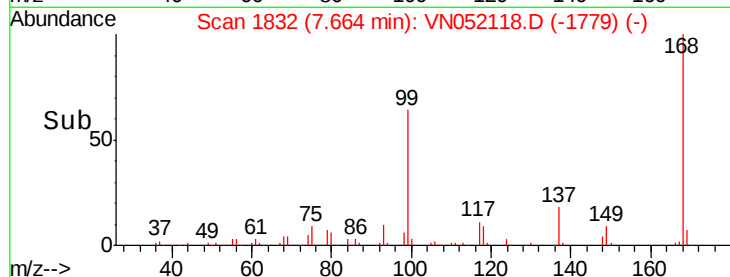
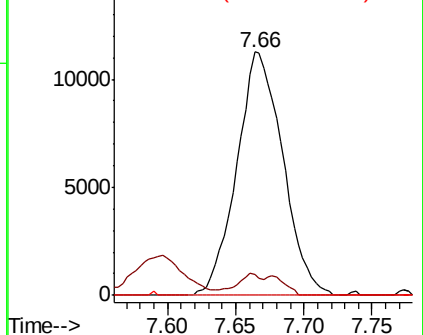
#36
 1,1-Dichloropropene
 Concen: 4.791 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052118.D
 Acq: 2 Nov 2018 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#08

Tot Ion	Ratio	Lower	Upper
75	100		
110	3.1	16.0	48.0#
77	0.0	24.5	36.7#

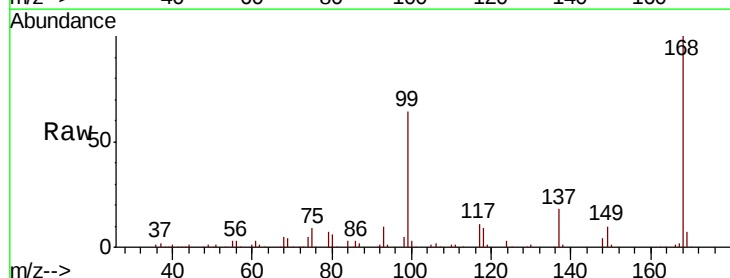


Abundance Ion 74.90 (74.60 to 75.60): VN052118.D (-1779) (-)
 Ion 109.90 (109.60 to 110.60): VN052118.D (-1779) (-)
 Ion 76.90 (76.60 to 77.60): VN052118.D (-1779) (-)

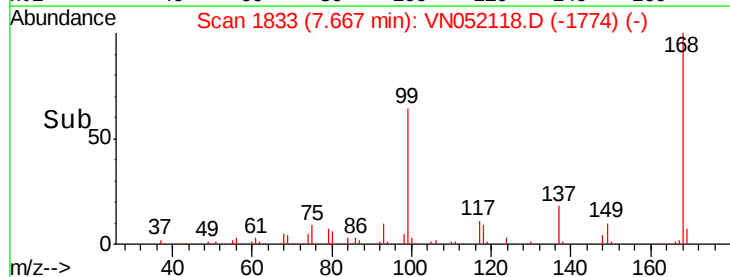
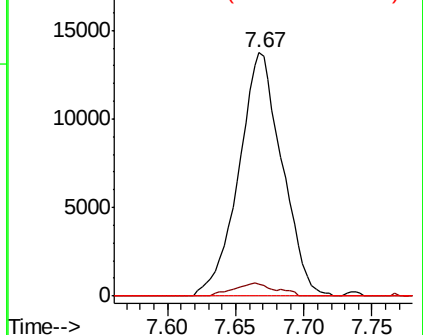


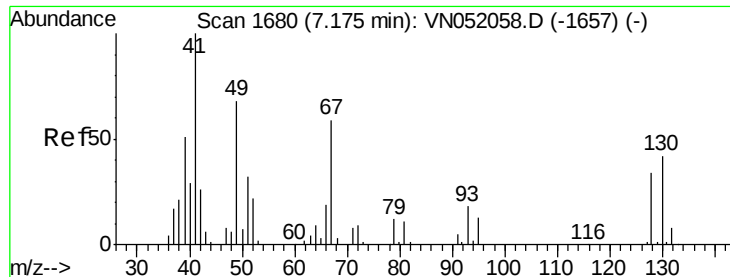
#38
 Carbon Tetrachloride
 Concen: 6.373 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052118.D
 Acq: 2 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.8	112.2#
121	0.0	25.1	37.7#



Abundance Ion 116.80 (116.50 to 117.50): VN052118.D (-1774) (-)
 Ion 118.80 (118.50 to 119.50): VN052118.D (-1774) (-)
 Ion 120.80 (120.50 to 121.50): VN052118.D (-1774) (-)





#41

Methacrylonitrile

Concen: 0.241 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#08

Tot Ion: 41 Resp: 188

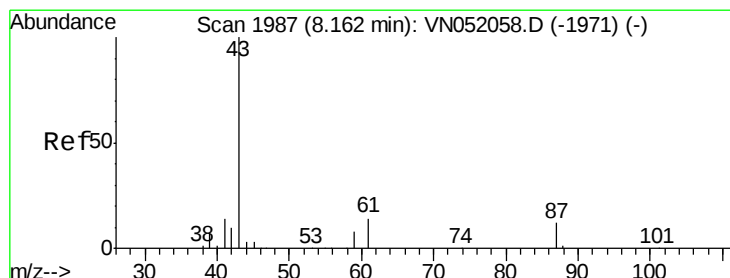
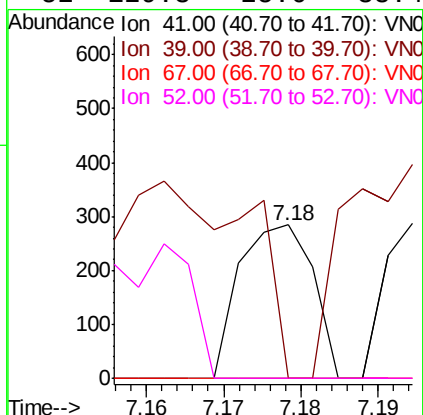
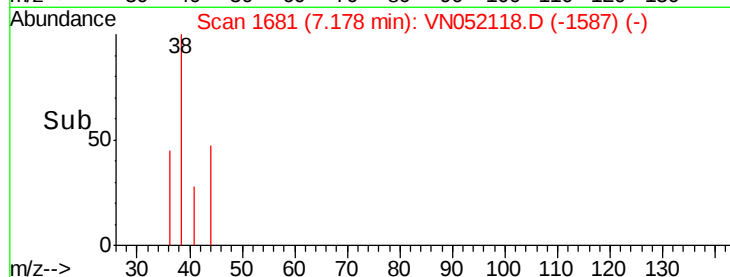
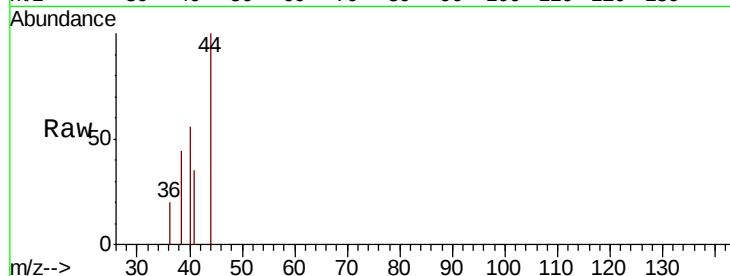
Ion Ratio Lower Upper

41 100

39 197.3 33.2 49.8#

67 0.0 63.5 95.3#

52 129.3 25.6 38.4#



#43

Isopropyl Acetate

Concen: 28.098 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

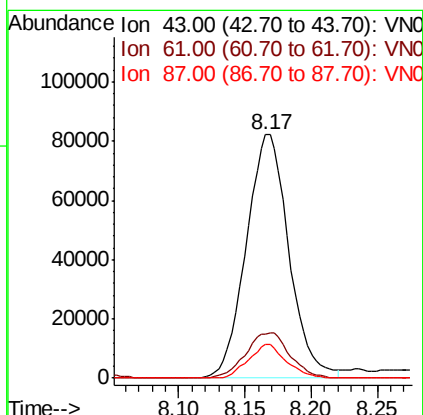
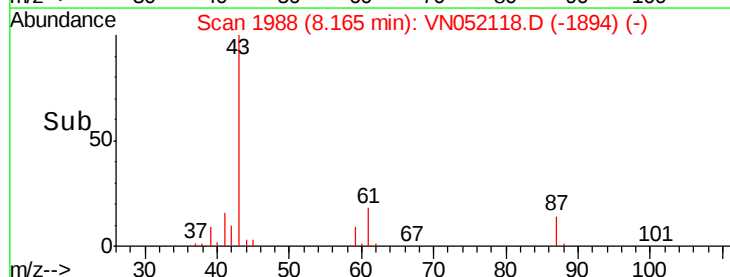
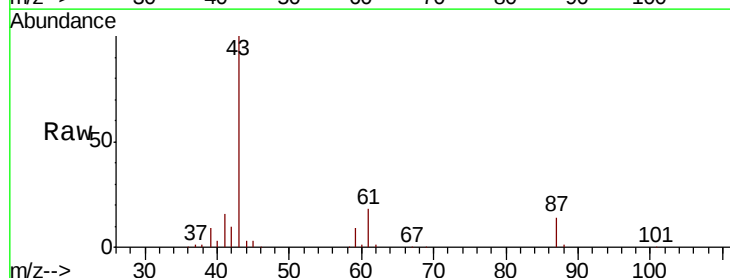
Tgt Ion: 43 Resp: 183961

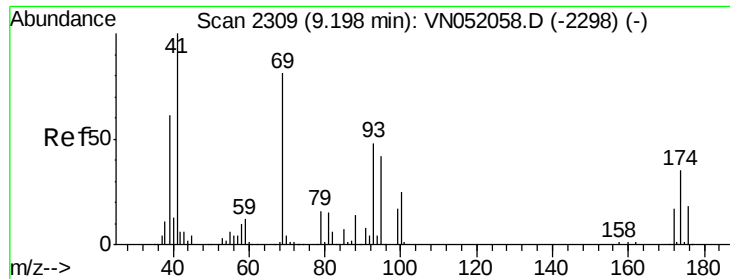
Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

87 12.4 9.8 14.8

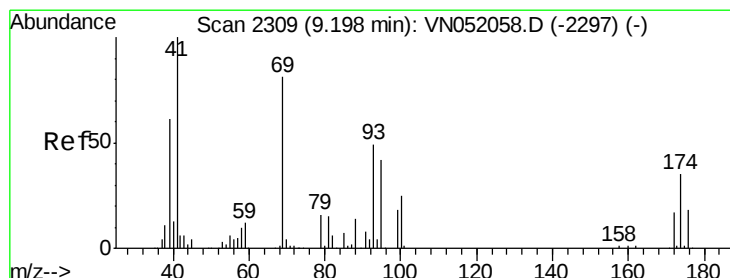
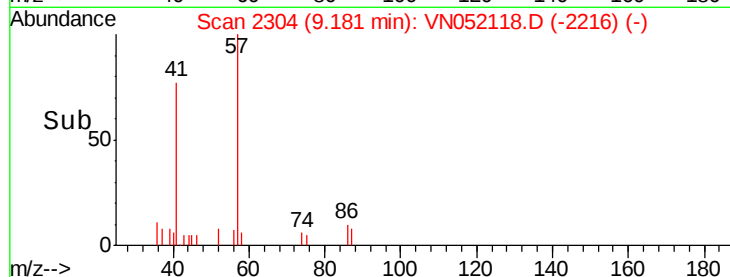
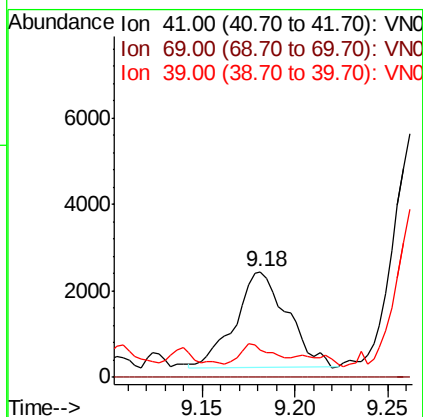
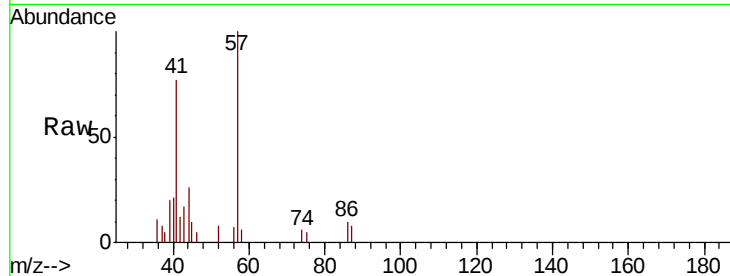




#48
Methvl methacrylate
Concen: 1.301 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

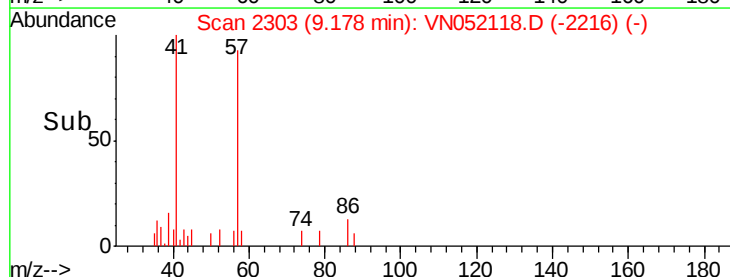
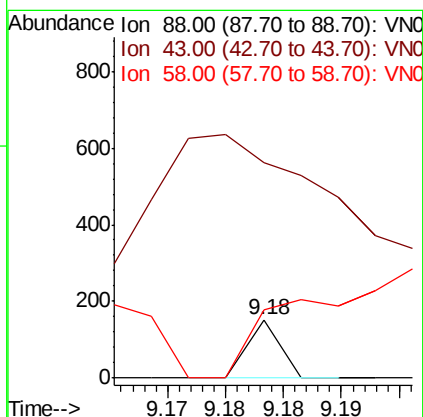
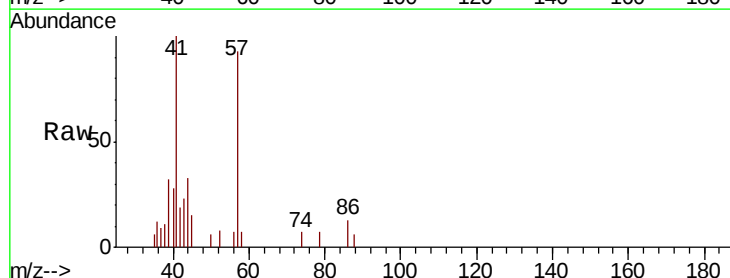
Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

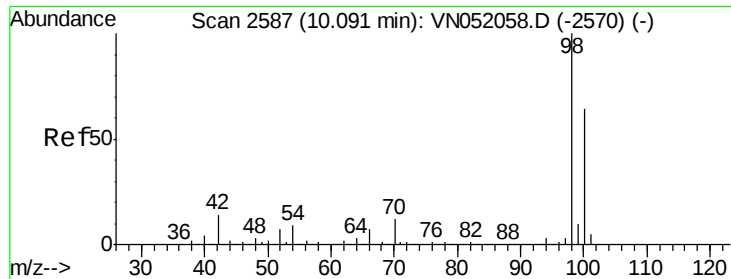
Tot Ion: 41 Resp: 4320
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 11.1 50.5 75.7#



#49
1,4-Dioxane
Concen: 26.112 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 34.1 51.1#
58 620.0 62.8 94.2#





#50

Toluene-d8

Concen: 26.112 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

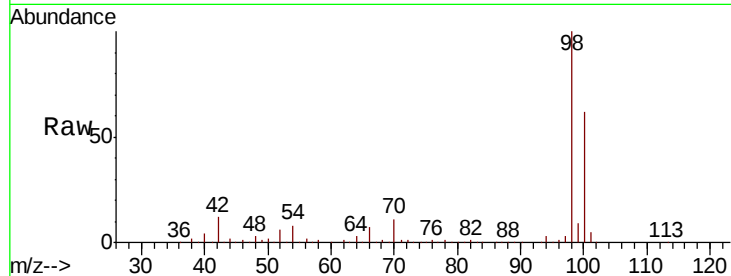
PB114370ZHE#08

Tot Ion: 98 Resp: 813665

Ion Ratio Lower Upper

98 100

100 62.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

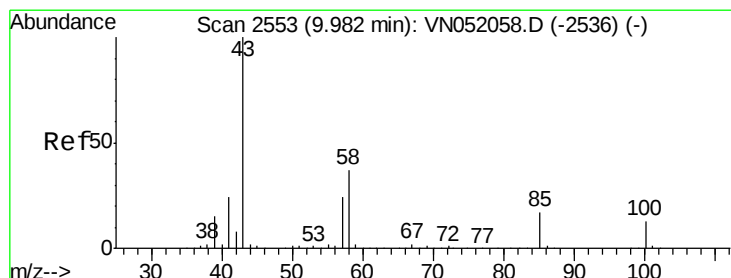
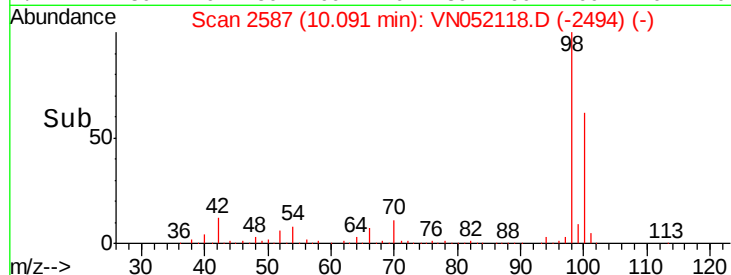
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN052118.D

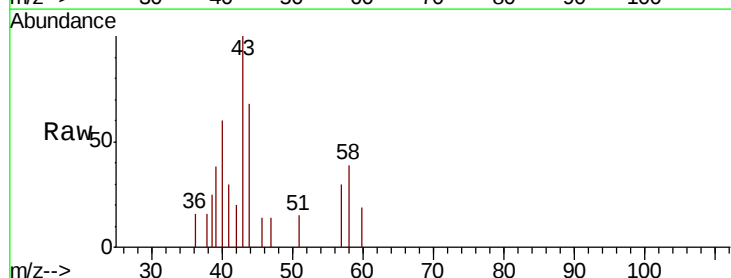
Acq: 2 Nov 2018 10:20

Tgt Ion: 43 Resp: 1647

Ion Ratio Lower Upper

43 100

58 51.8 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

1200

1000

800

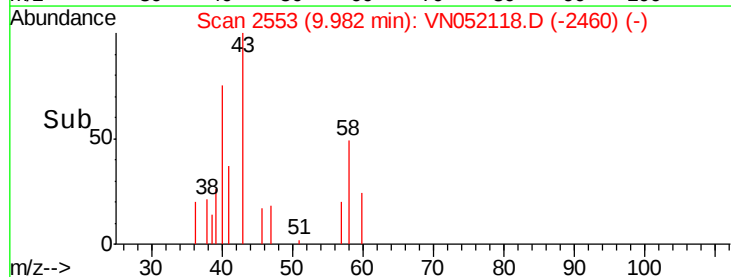
600

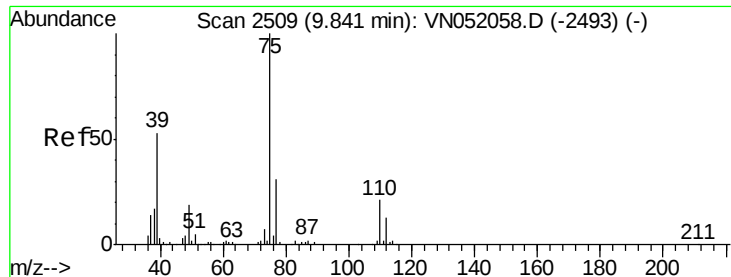
400

200

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 0.254 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#08

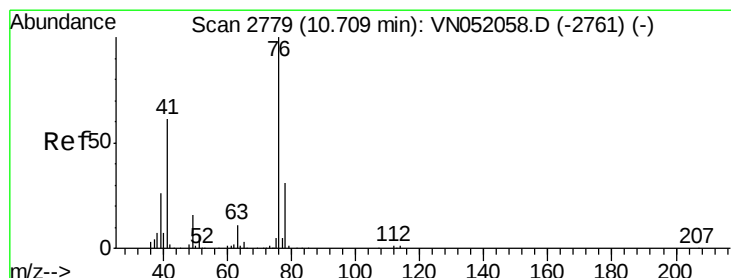
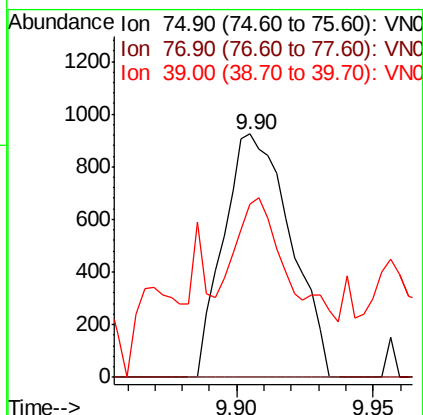
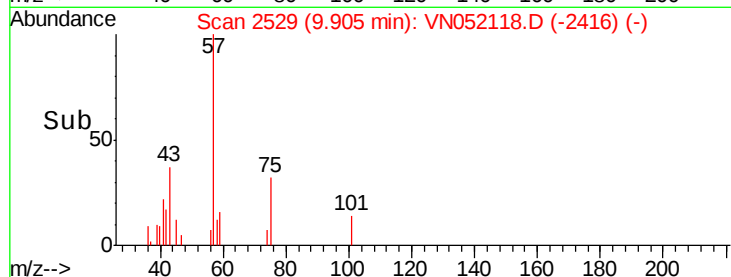
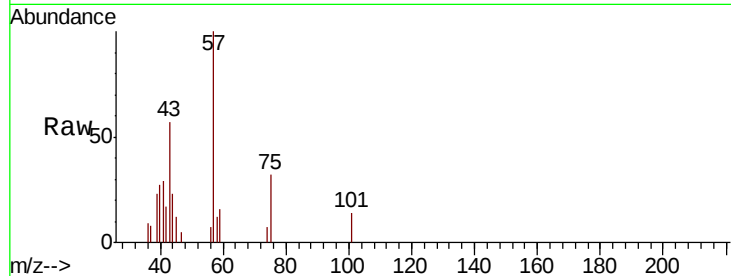
Tot Ion: 75 Resp: 1578

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 48.3 42.3 63.5



#57

1,3-Dichloropropane

Concen: 0.200 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN052118.D

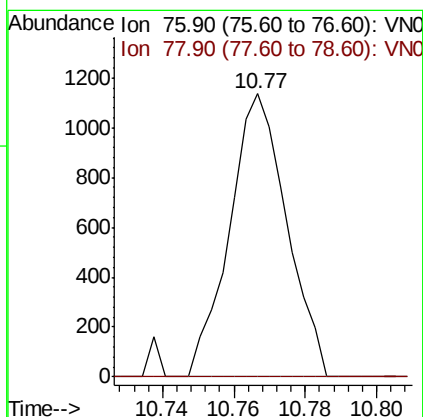
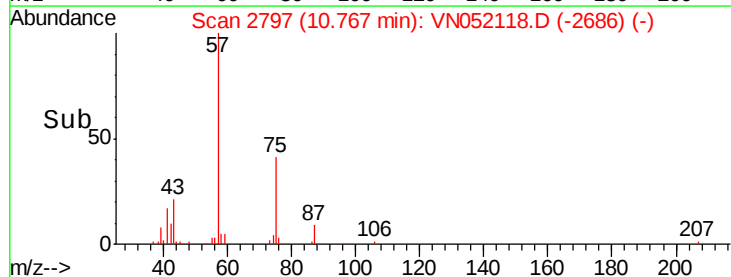
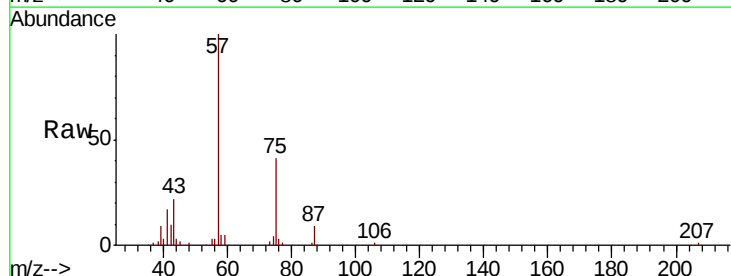
Acq: 2 Nov 2018 10:20

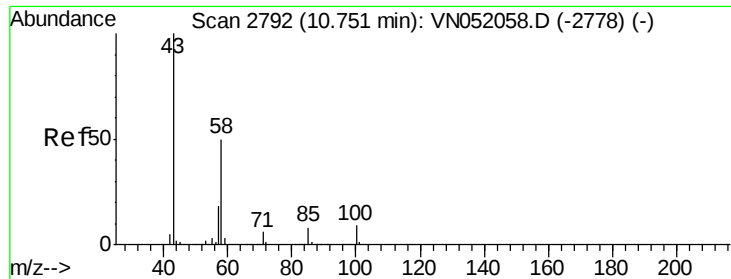
Tgt Ion: 76 Resp: 1259

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#

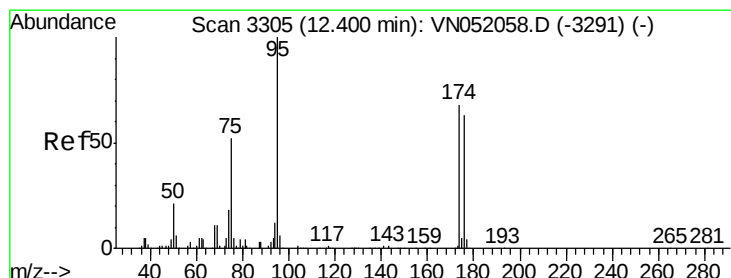
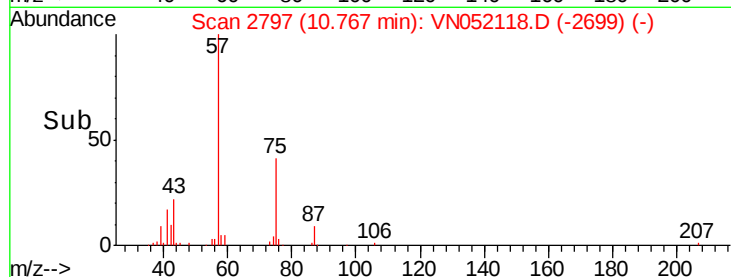
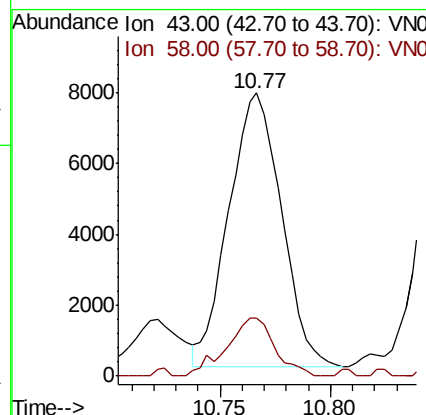
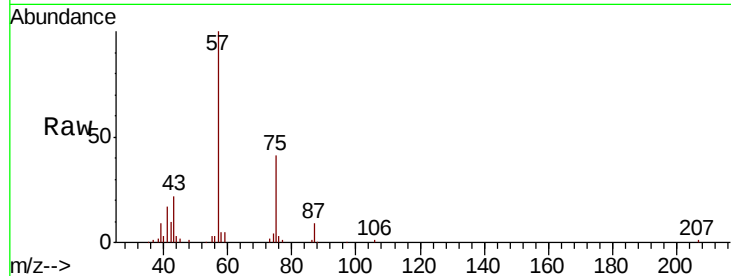




#59
2-Hexanone
Concen: 5.054 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

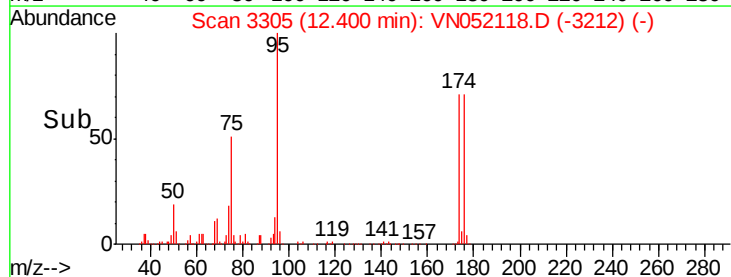
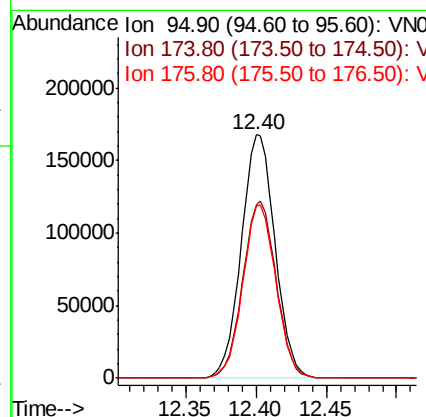
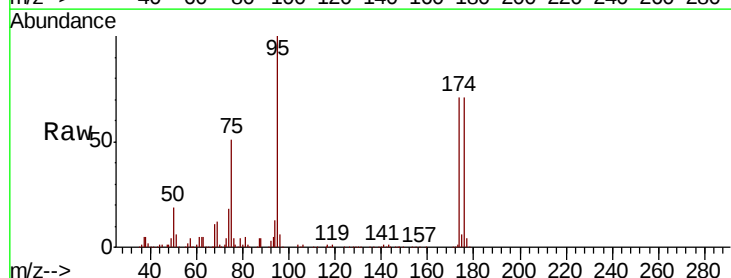
Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

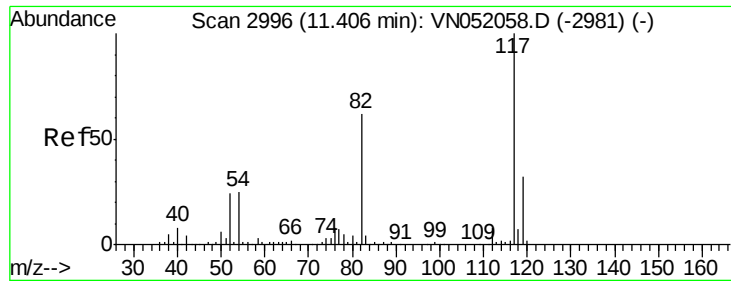
Tot Ion: 43 Resp: 12817
Ion Ratio Lower Upper
43 100
58 19.4 25.2 75.6#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion: 95 Resp: 280949
Ion Ratio Lower Upper
95 100
174 71.9 0.0 131.8
176 69.7 0.0 126.0

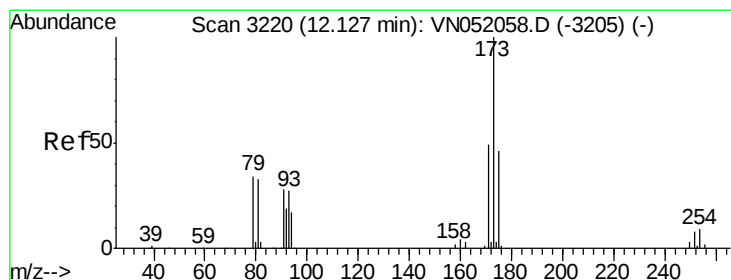
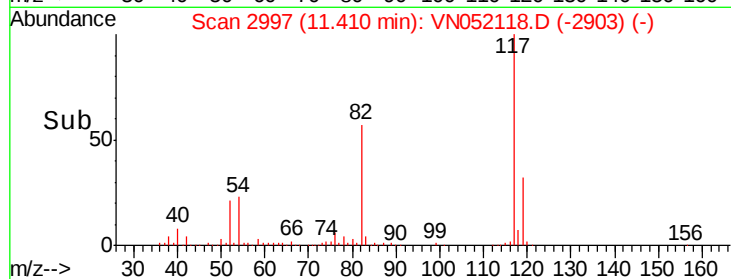
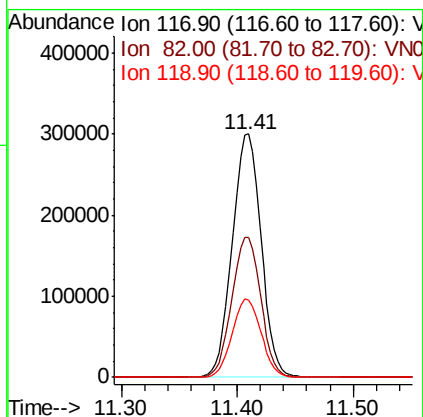
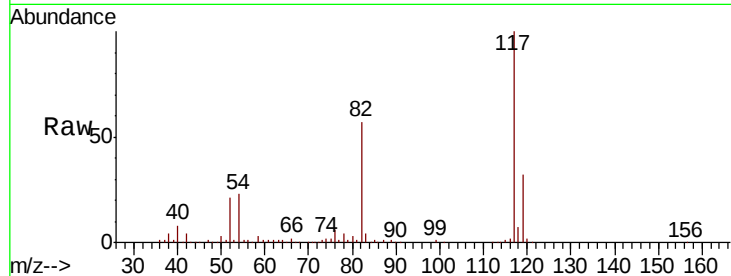




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

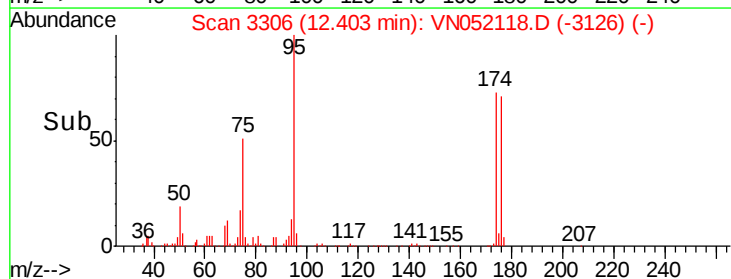
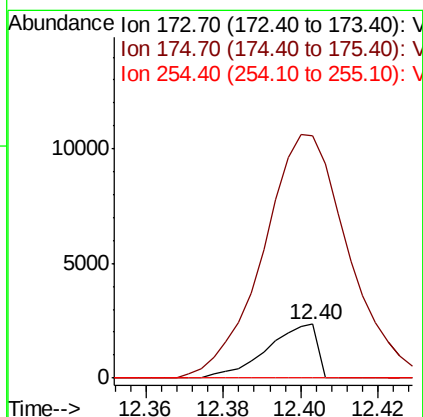
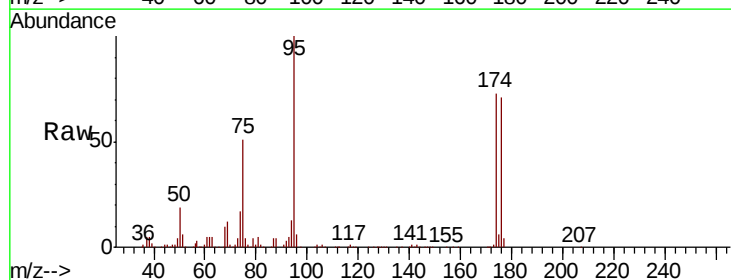
Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#08

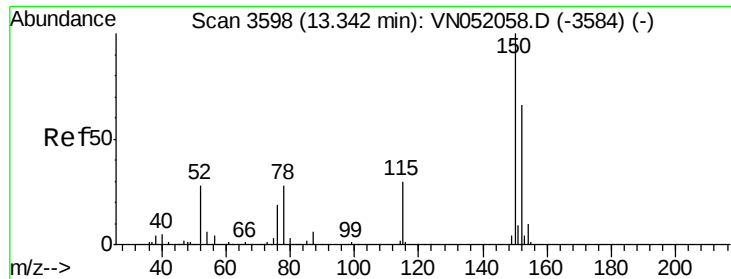
Tot Ion:117 Resp: 515899
Ion Ratio Lower Upper
117 100
82 57.4 49.9 74.9
119 31.8 25.7 38.5



#71
Bromoform
Concen: 3.097 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052118.D
Acq: 2 Nov 2018 10:20

Tgt Ion:173 Resp: 2106
Ion Ratio Lower Upper
173 100
175 687.0 23.9 71.7#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#08

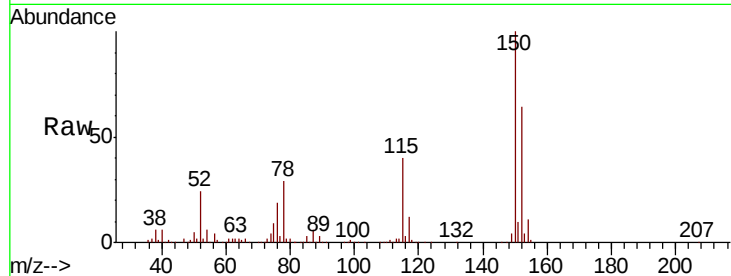
Tot Ion:152 Resp: 216424

Ion Ratio Lower Upper

152 100

115 62.6 31.6 95.0

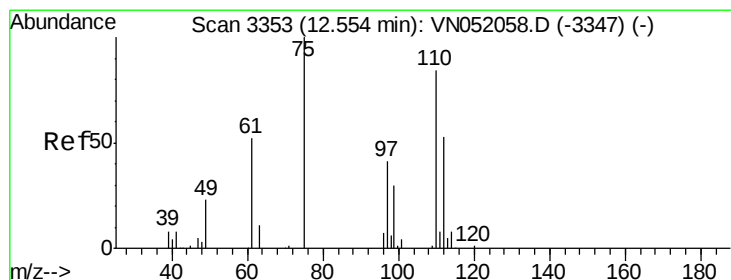
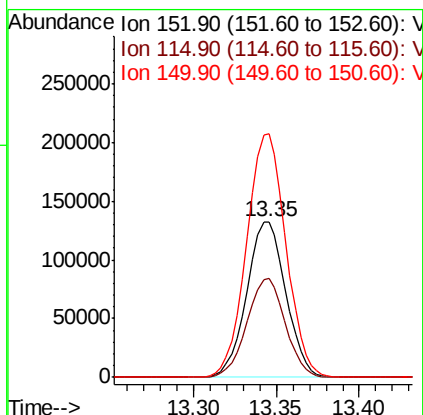
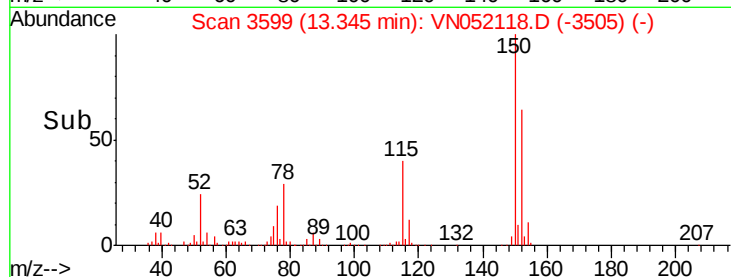
150 157.7 0.0 345.0



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



#76

1,2,3-Trichloropropane

Concen: 37.432 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052118.D

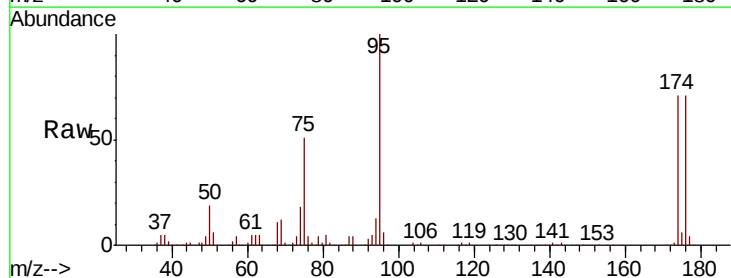
Acq: 2 Nov 2018 10:20

Tgt Ion: 75 Resp: 148294

Ion Ratio Lower Upper

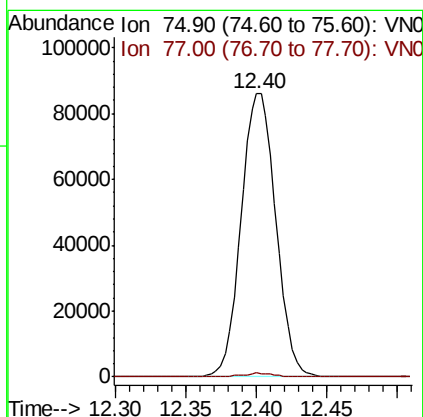
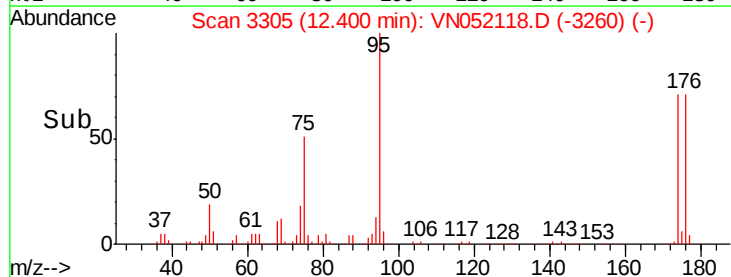
75 100

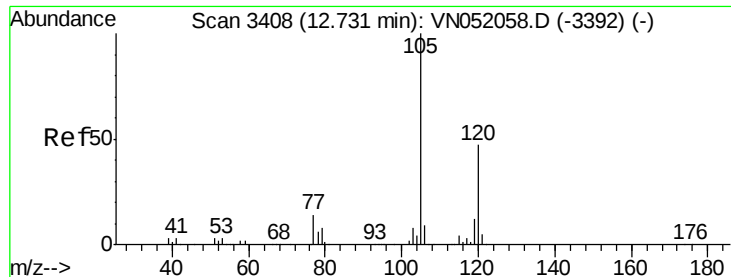
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.222 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.01 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

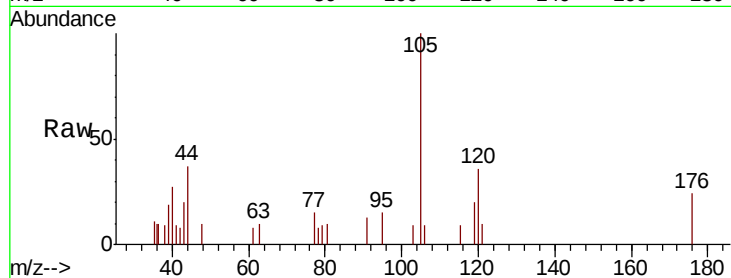
PB114370ZHE#08

Tot Ion:105 Resp: 3338

Ion Ratio Lower Upper

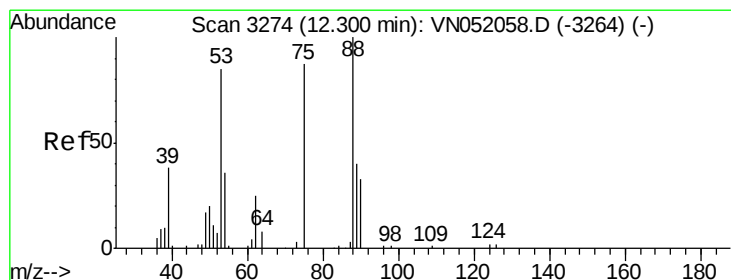
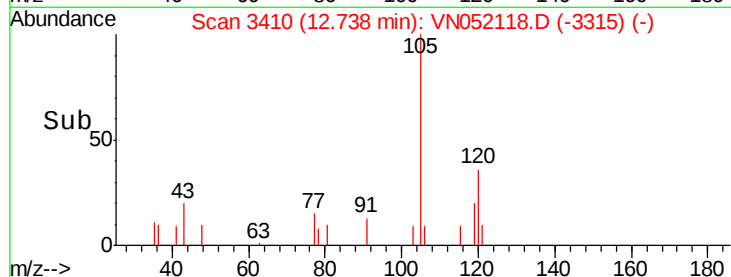
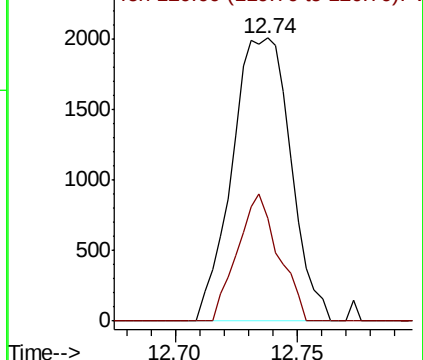
105 100

120 31.6 23.4 70.0



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: 124.241 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

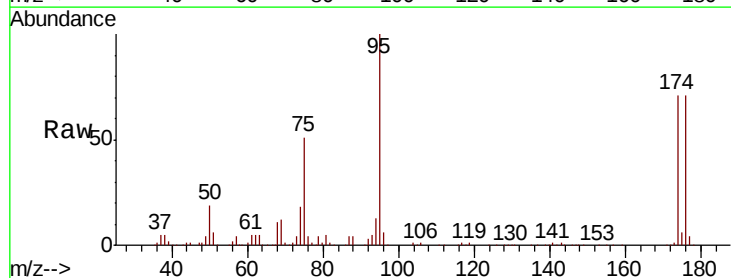
Tgt Ion: 75 Resp: 148294

Ion Ratio Lower Upper

75 100

53 0.0 81.8 122.6#

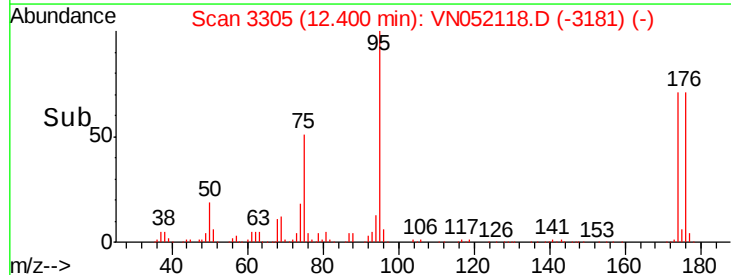
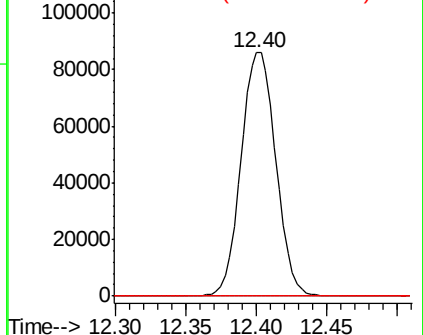
89 0.0 36.6 54.8#

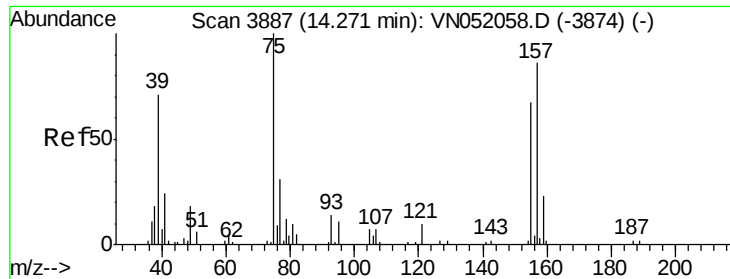


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.241 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#08

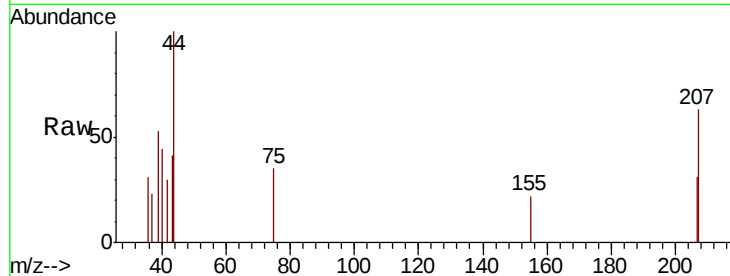
Tot Ion: 75 Resp: 210

Ion Ratio Lower Upper

75 100

155 32.4 34.0 102.0#

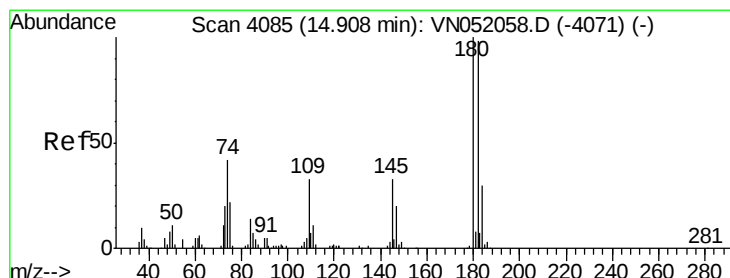
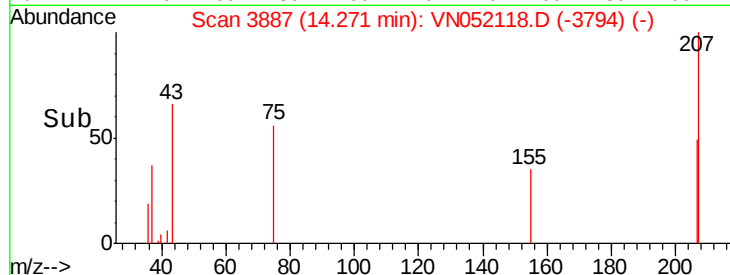
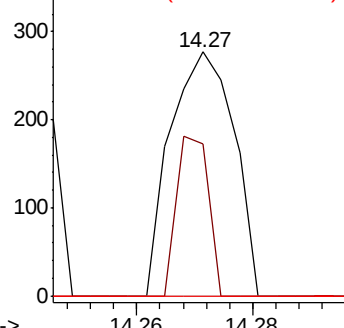
157 0.0 42.1 126.4#



Abundance Ion 74.90 (74.60 to 75.60): VN052118.D (-3794) (-)

Ion 154.80 (154.50 to 155.50): VN052118.D (-3794) (-)

Ion 156.80 (156.50 to 157.50): VN052118.D (-3794) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.049 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

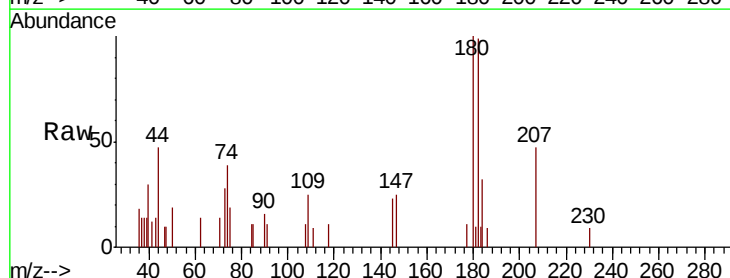
Tgt Ion: 180 Resp: 2593

Ion Ratio Lower Upper

180 100

182 92.8 49.1 147.4

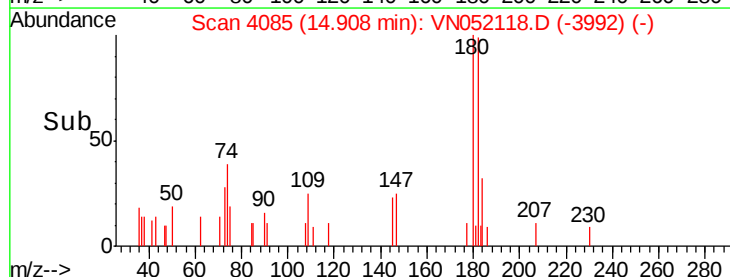
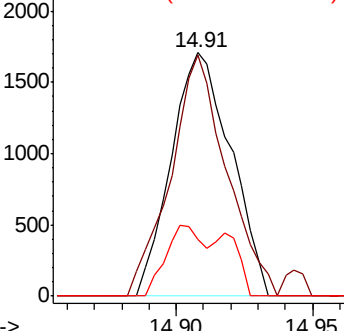
145 18.5 16.4 49.2

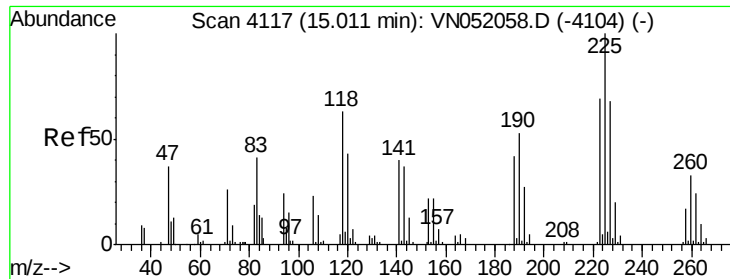


Abundance Ion 179.80 (179.50 to 180.50): VN052118.D (-3992) (-)

Ion 181.80 (181.50 to 182.50): VN052118.D (-3992) (-)

Ion 144.80 (144.50 to 145.50): VN052118.D (-3992) (-)





#94

Hexachlorobutadiene

Concen: 0.361 ug/l

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#08

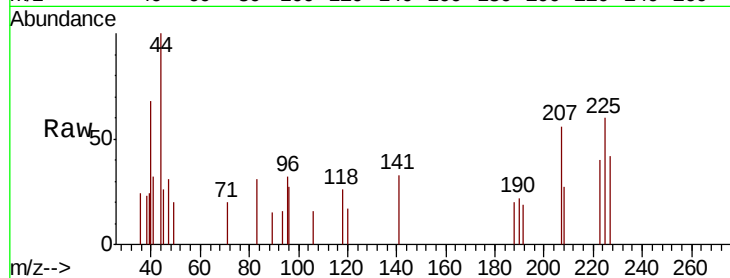
Tot Ion:225 Resp: 500

Ion Ratio Lower Upper

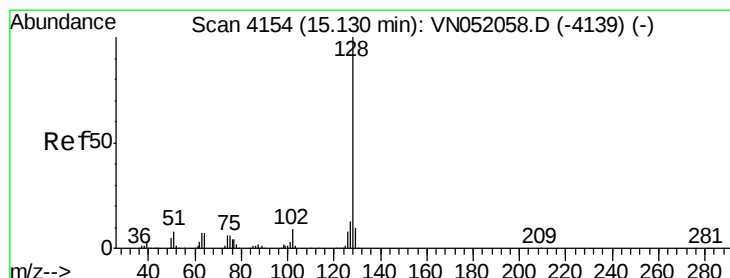
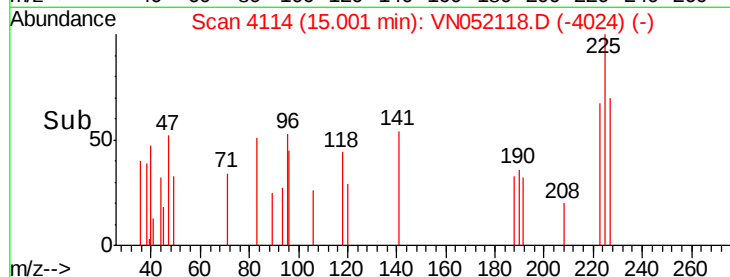
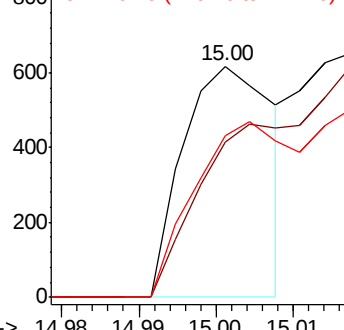
225 100

223 176.0 33.1 99.3#

227 85.8 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.949 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

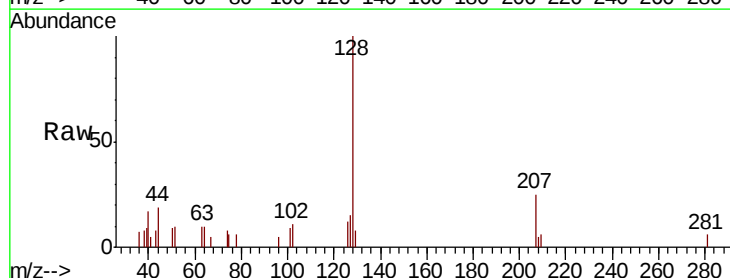
Tgt Ion:128 Resp: 5883

Ion Ratio Lower Upper

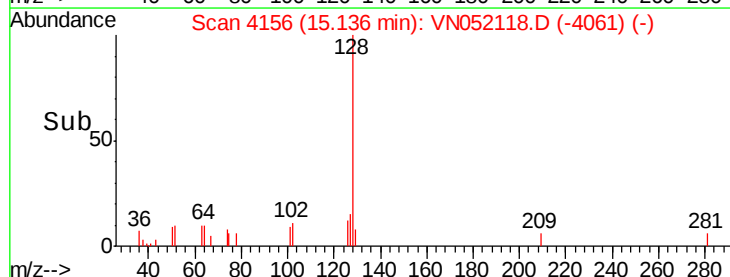
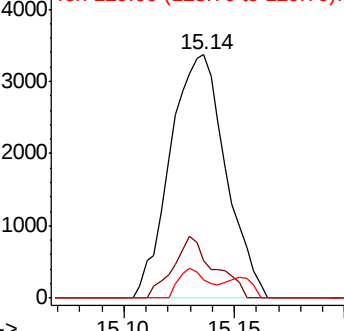
128 100

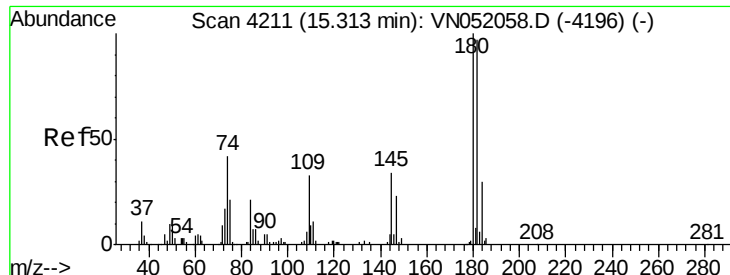
127 18.7 10.5 15.7#

129 6.4 8.6 12.8#



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: 1.368 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052118.D

Acq: 2 Nov 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#08

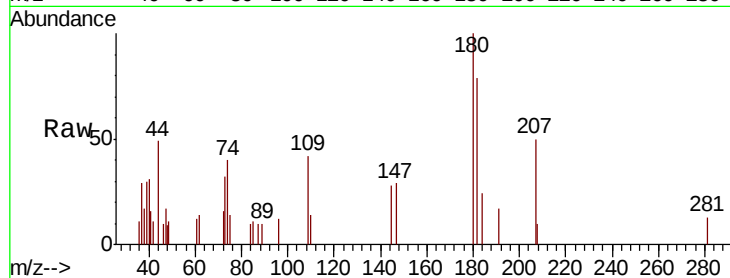
Tot Ion:180 Resp: 2919

Ion Ratio Lower Upper

180 100

182 88.7 47.2 141.6

145 23.9 16.6 49.7



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

