

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053163.D
 Acq On : 23 Dec 2018 5:40
 Operator : MD\SY
 Sample : J6446-16ME 10X
 Misc : 3.66g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-1218-01ME

Quant Time: Dec 23 23:14:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1249226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1917876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1753915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	701923	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	607899	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	7.59	113	507293	57.90	ug/l	0.00
Spiked Amount			Recovery	=	115.80%	
50) Toluene-d8	10.09	98	2354967	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	801363	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	

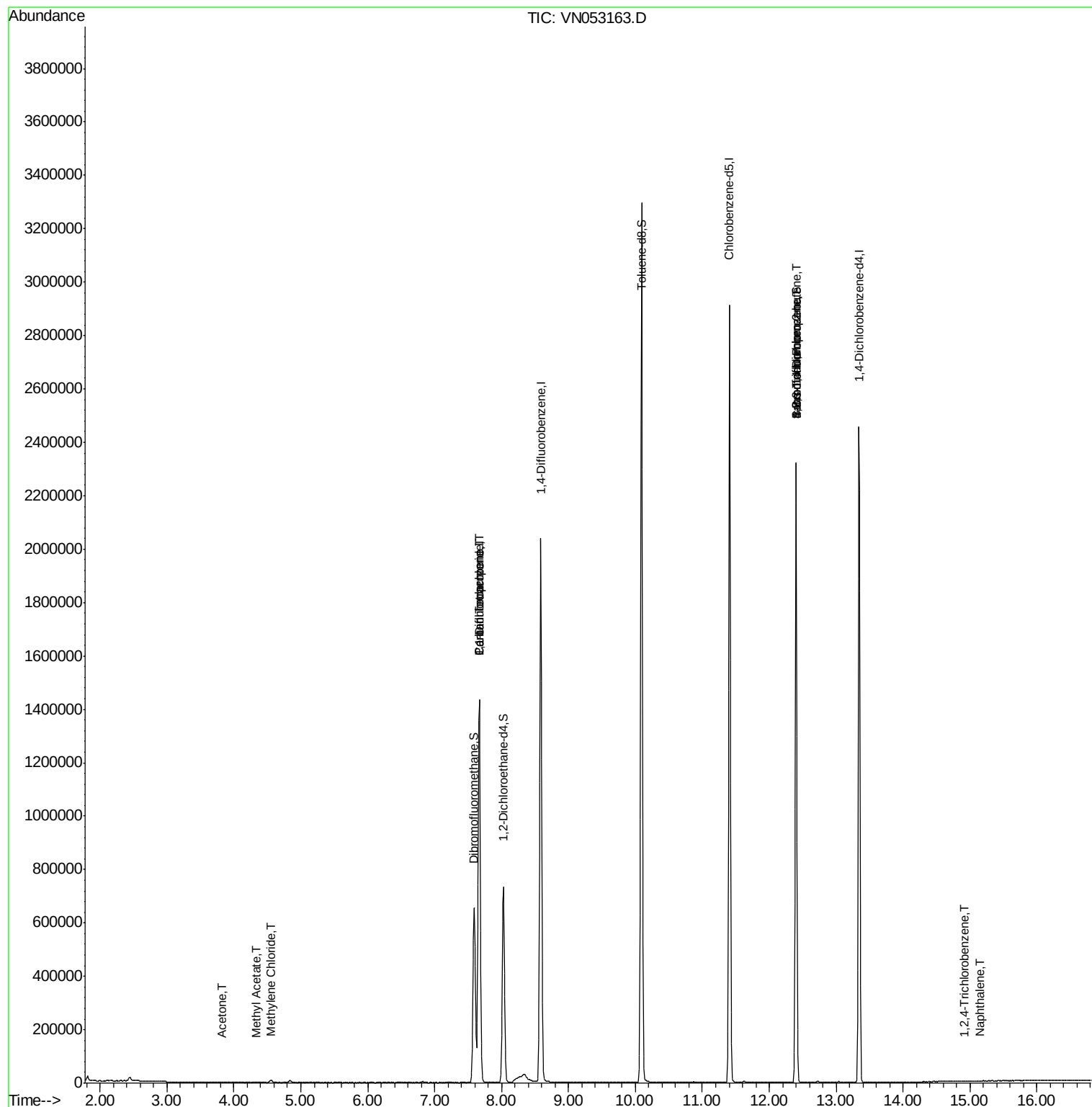
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	2451	0.986	ug/l	89
18) Methyl Acetate	4.34	43	4260	1.362	ug/l #	76
20) Methylene Chloride	4.55	84	6842	0.505	ug/l	96
31) Cyclohexane	7.66	56	19611	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	82122	4.461	ug/l #	48
38) Carbon Tetrachloride	7.67	117	107730	6.385	ug/l #	15
43) Isopropyl Acetate	8.22	43	11671	Below Cal	#	53
71) Bromoform	12.40	173	4747	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	375632	31.790	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	375632	102.462	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	58	0.601	ug/l #	12
95) Naphthalene	15.14	128	424	1.162	ug/l #	69

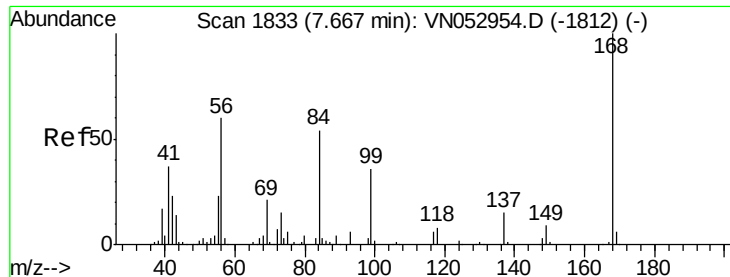
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
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Quant Time: Dec 23 23:14:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

Instrument :

MSVOA_N

ClientSampleId :

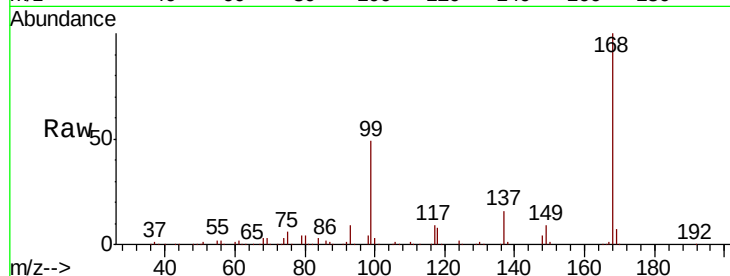
P001-SS022-1218-01ME

Tot Ion:168 Resp: 1249226

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

600000

500000

400000

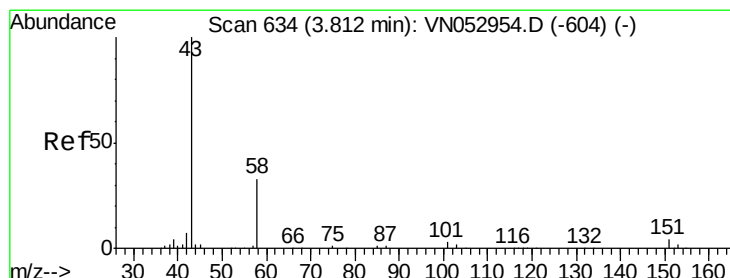
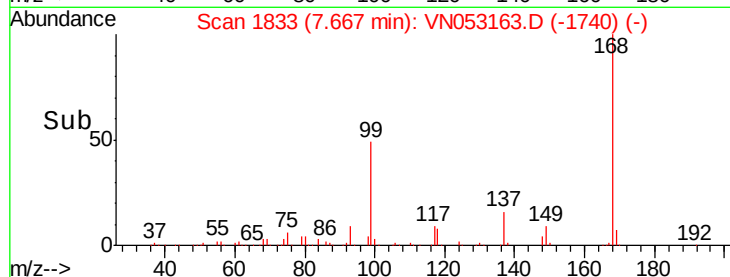
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.986 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053163.D

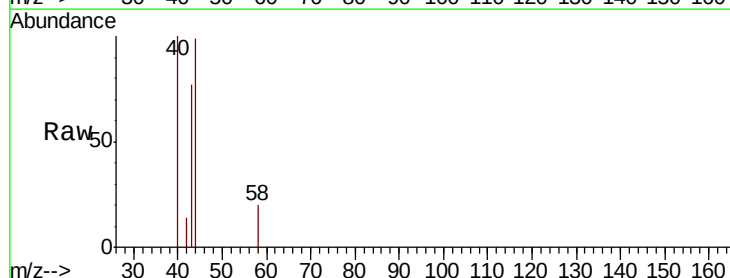
Acq: 23 Dec 2018 5:40

Tgt Ion: 43 Resp: 2451

Ion Ratio Lower Upper

43 100

58 25.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

3.82

1000

800

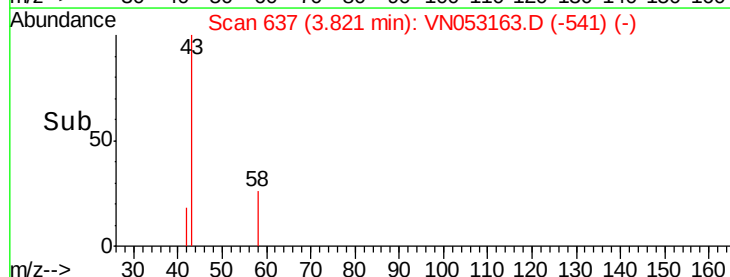
600

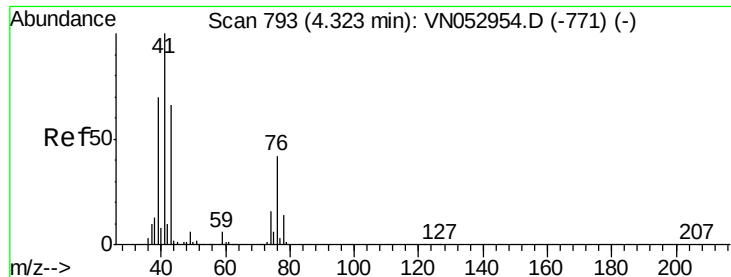
400

200

0

Time-->

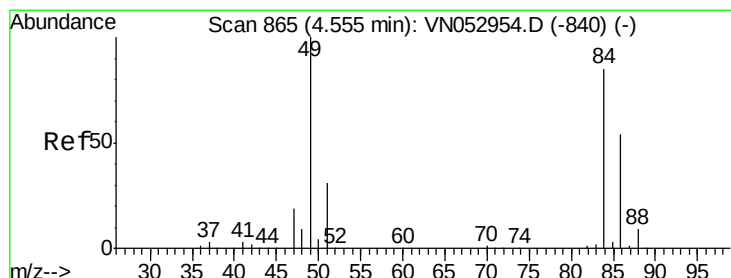
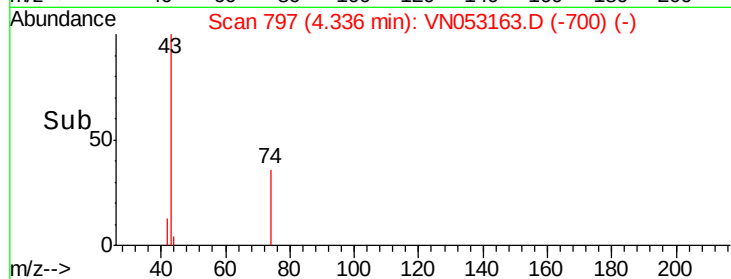
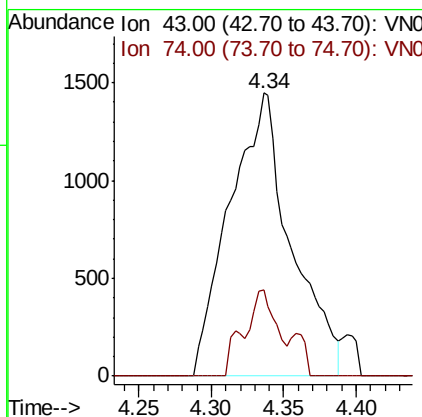
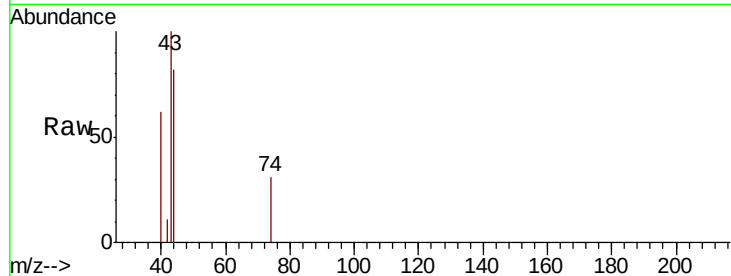




#18
Methvl Acetate
Concen: 1.362 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053163.D
Acq: 23 Dec 2018 5:40

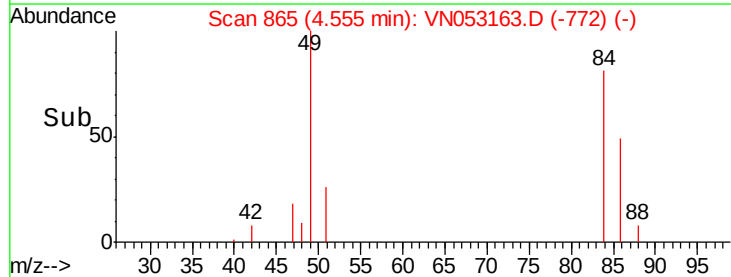
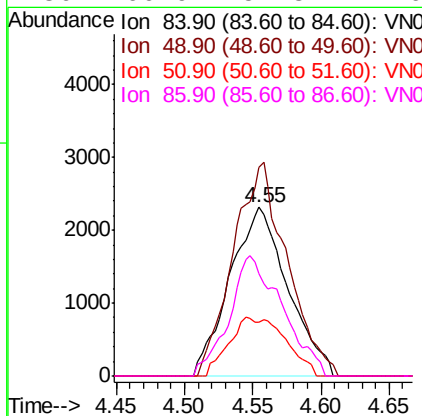
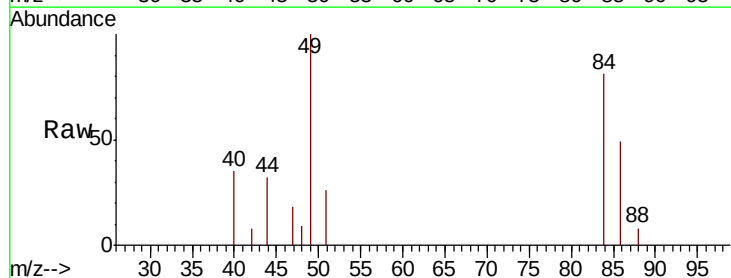
Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-1218-01ME

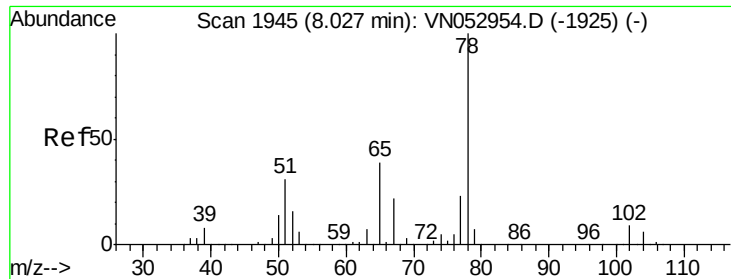
Tot Ion: 43 Resp: 4260
Ion Ratio Lower Upper
43 100
74 12.2 19.2 28.8#



#20
Methylene Chloride
Concen: 0.505 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053163.D
Acq: 23 Dec 2018 5:40

Tgt Ion: 84 Resp: 6842
Ion Ratio Lower Upper
84 100
49 124.1 96.8 145.2
51 31.7 29.9 44.9
86 60.9 51.8 77.6

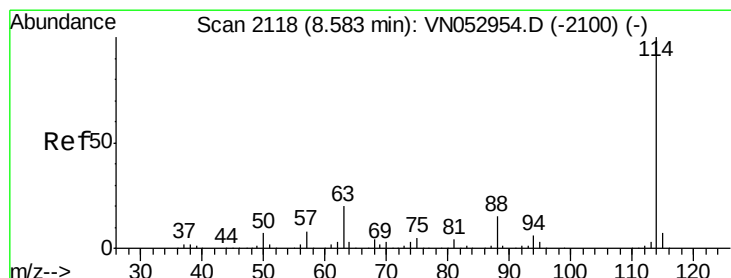
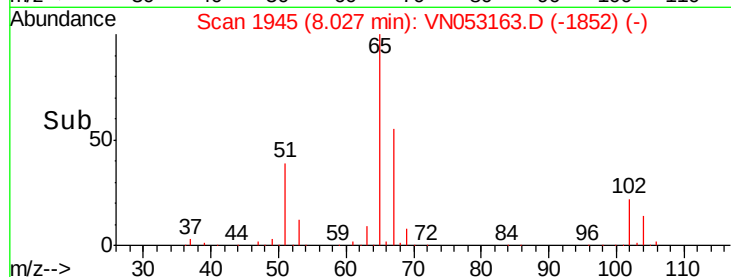
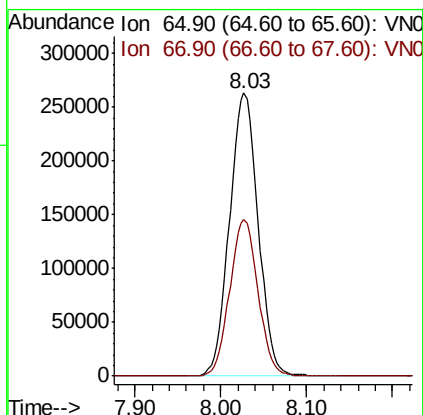
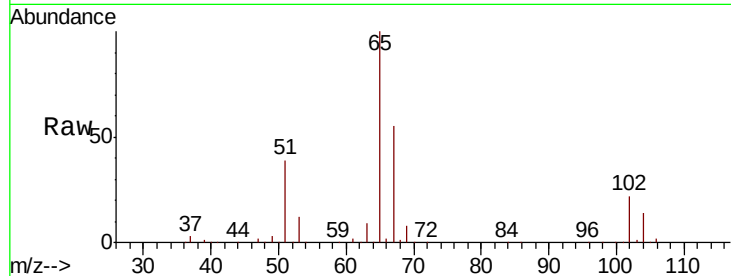




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053163.D
 Acq: 23 Dec 2018 5:40

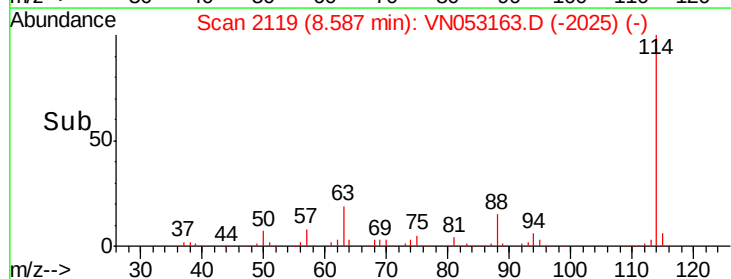
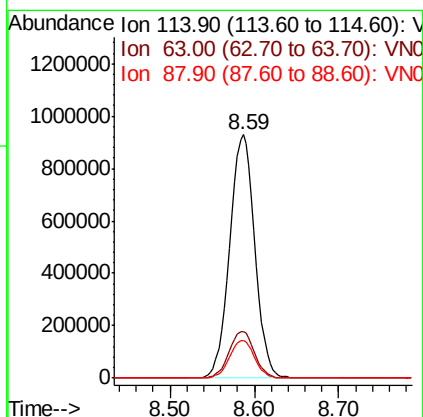
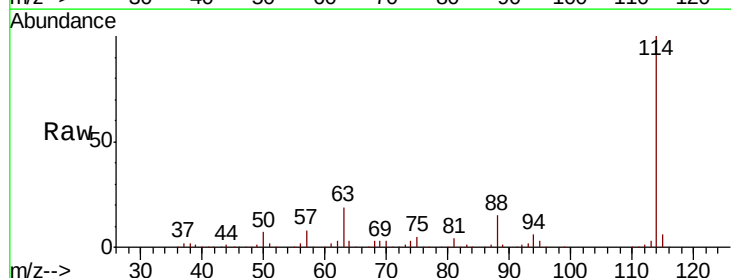
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-1218-01ME

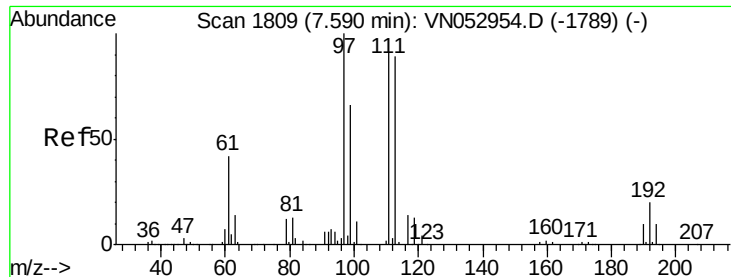
Tot Ion: 65 Resp: 607899
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053163.D
 Acq: 23 Dec 2018 5:40

Tgt Ion: 114 Resp: 1917876
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1218-01ME

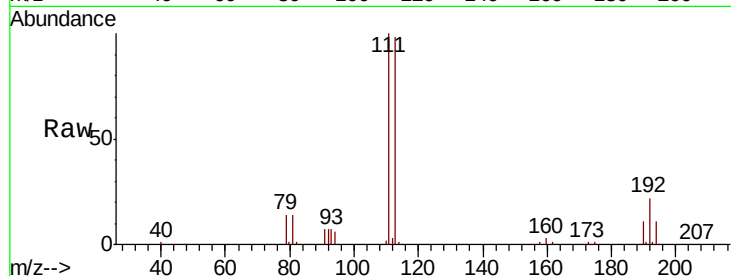
Tot Ion:113 Resp: 507293

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

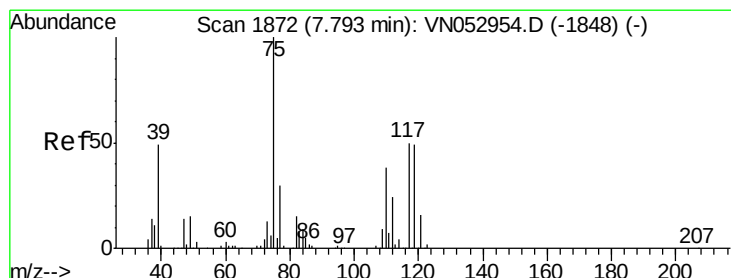
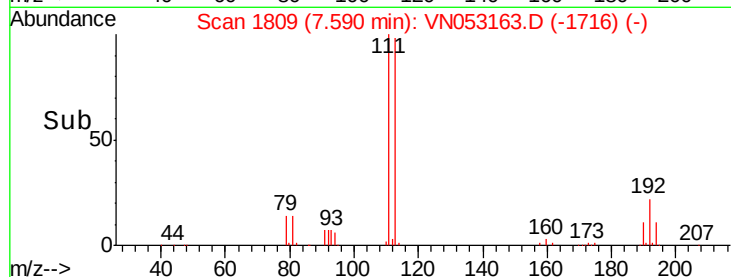
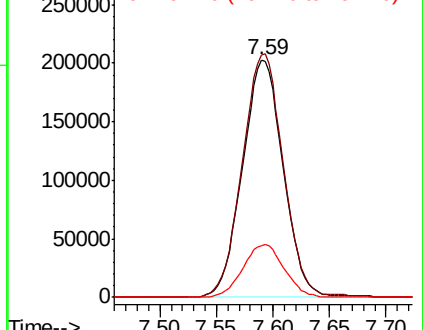
192 22.6 17.5 26.3



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: 4.461 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

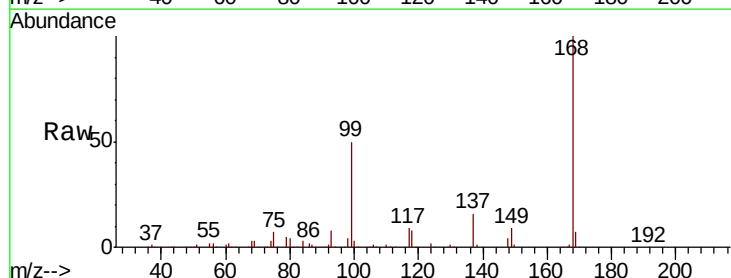
Tgt Ion: 75 Resp: 82122

Ion Ratio Lower Upper

75 100

110 8.1 18.2 54.6#

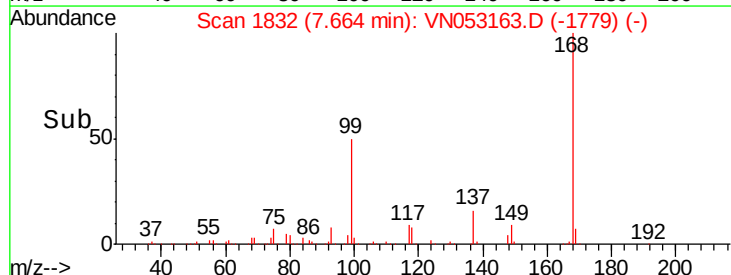
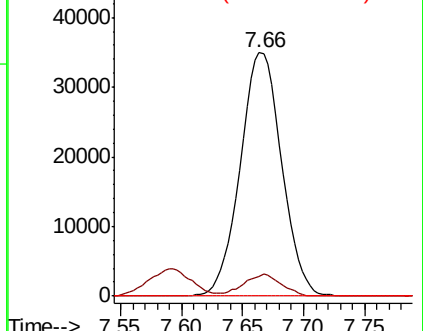
77 0.0 24.9 37.3#

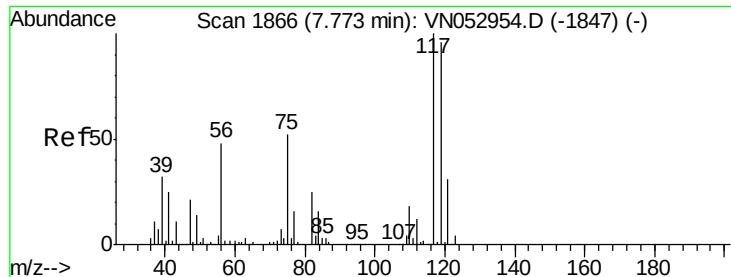


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.385 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1218-01ME

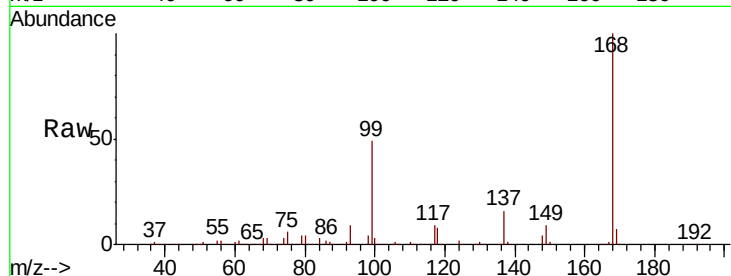
Tot Ion:117 Resp: 107730

Ion Ratio Lower Upper

117 100

119 4.6 77.1 115.7#

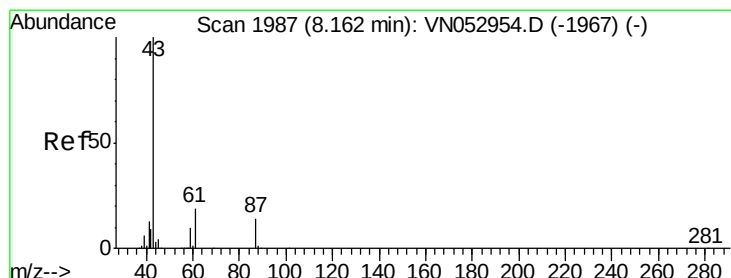
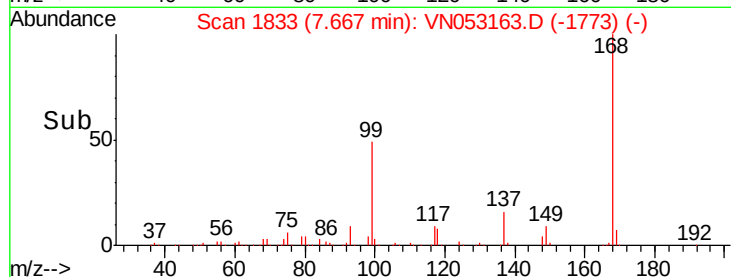
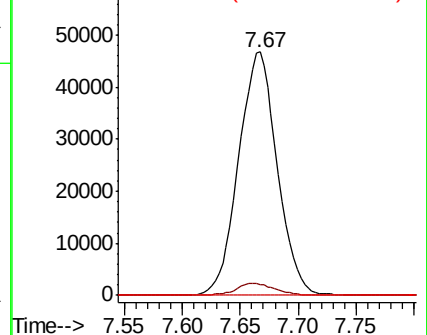
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.22 min Scan# 2004

Delta R.T. 0.05 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

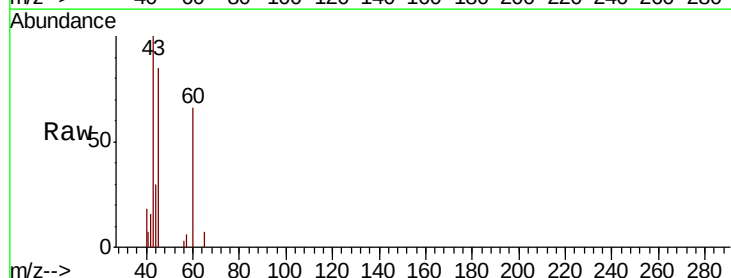
Tgt Ion: 43 Resp: 11671

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

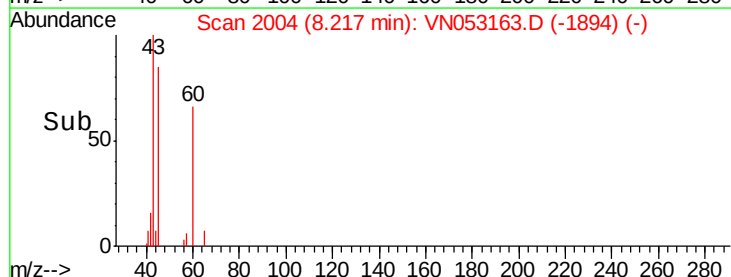
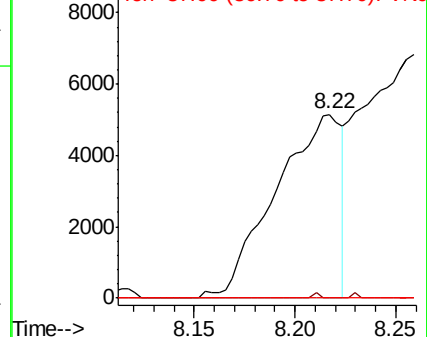
87 0.0 10.6 15.8#

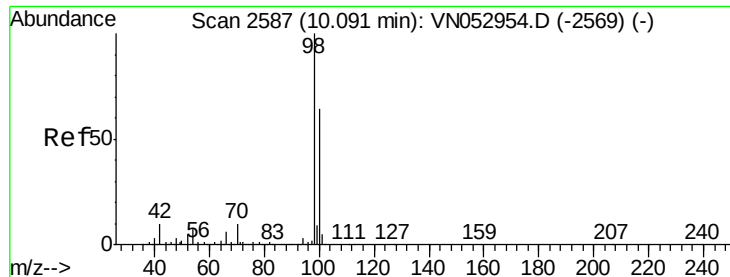


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

Instrument :

MSVOA_N

ClientSampleId :

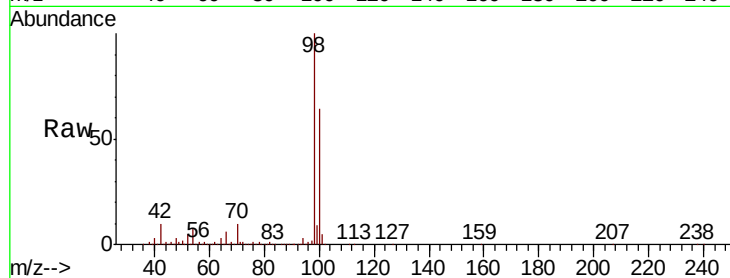
P001-SS022-1218-01ME

Tot Ion: 98 Resp: 2354967

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

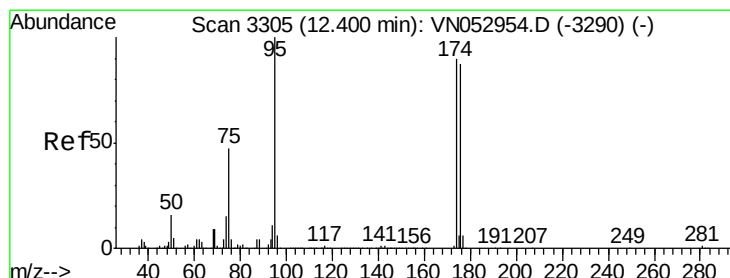
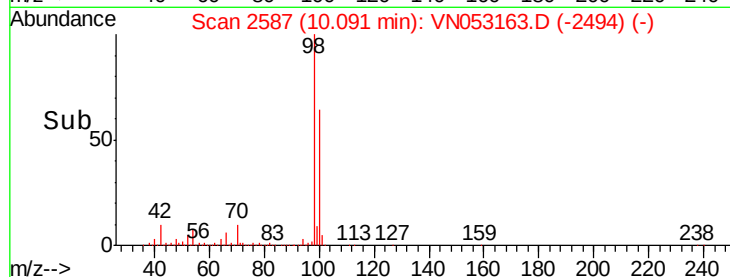
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

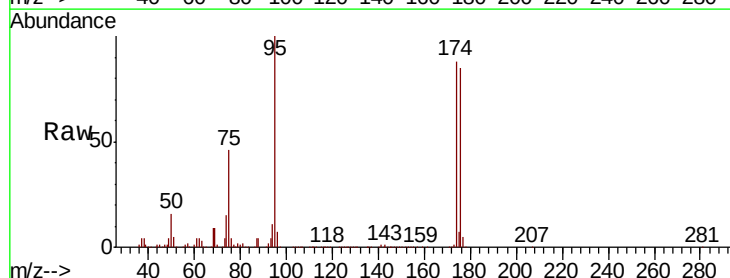
Tgt Ion: 95 Resp: 801363

Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

176 86.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

500000

400000

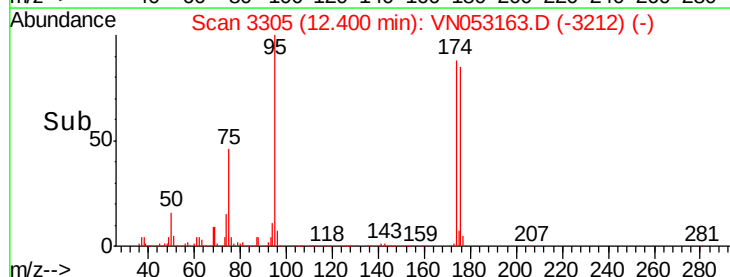
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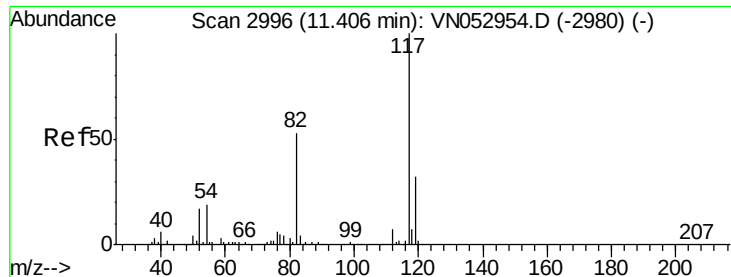
200000

100000

0

Time-->

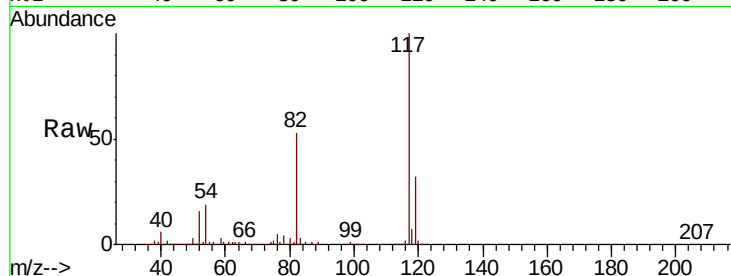




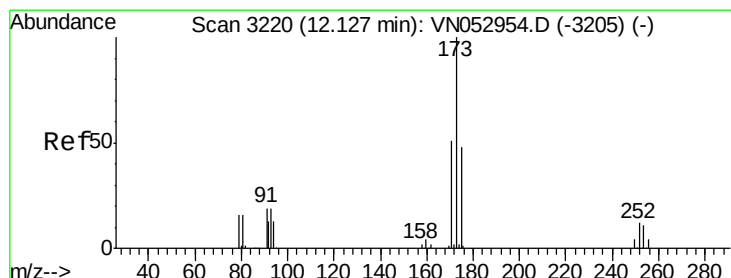
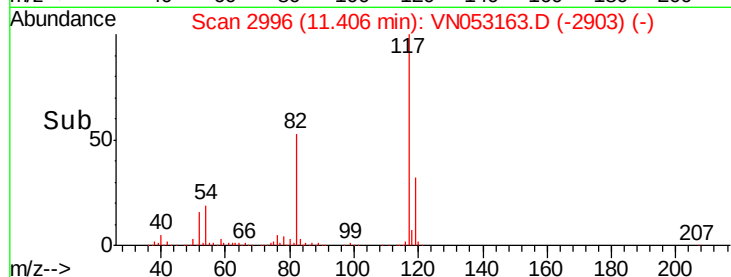
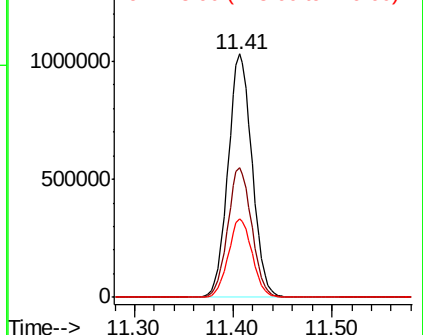
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053163.D
Acq: 23 Dec 2018 5:40

Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-1218-01ME

Tot Ion:117 Resp: 1753915
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.0 25.5 38.3

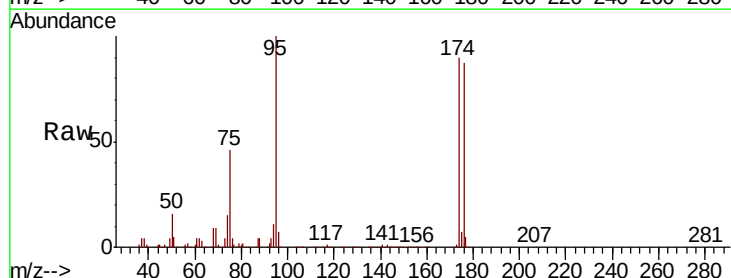


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

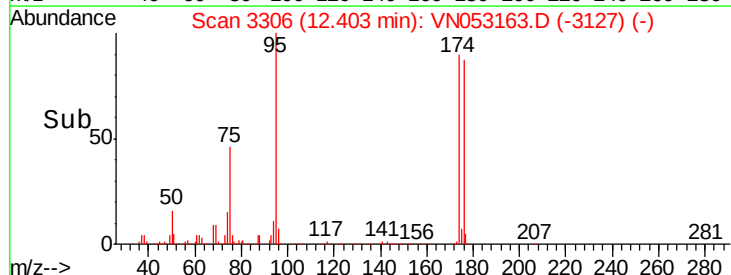
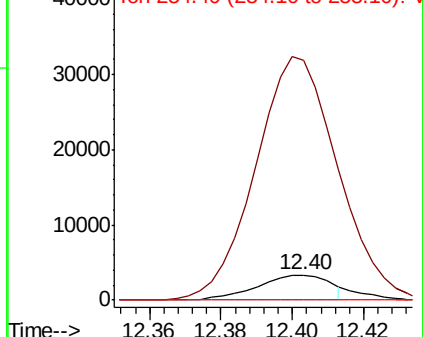


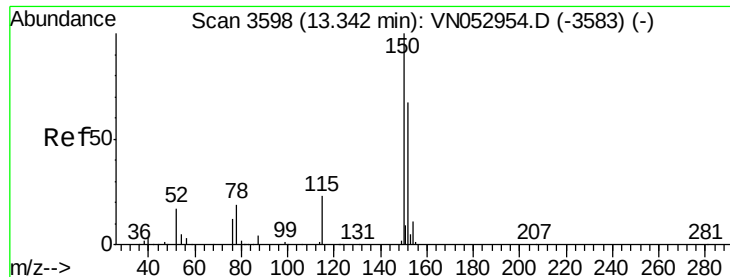
#71
Bromoform
Concen: 0.486 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053163.D
Acq: 23 Dec 2018 5:40

Tgt Ion:173 Resp: 4747
Ion Ratio Lower Upper
173 100
175 962.7 24.3 72.9#
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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1218-01ME

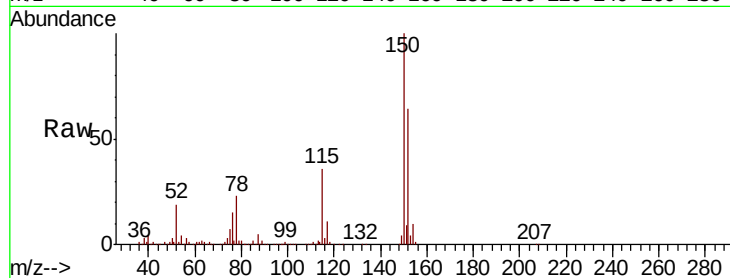
Tot Ion:152 Resp: 701923

Ion Ratio Lower Upper

152 100

115 55.9 28.3 85.0

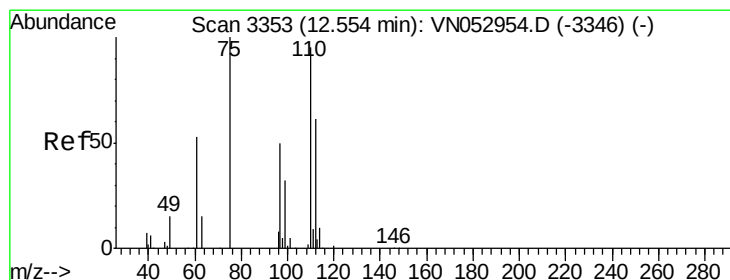
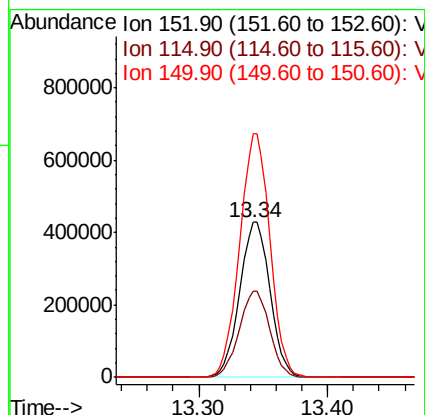
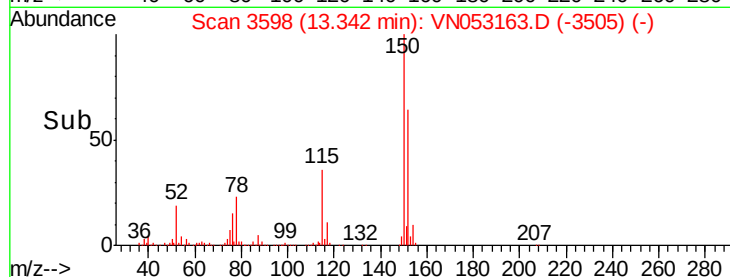
150 156.5 0.0 347.8



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: 31.790 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053163.D

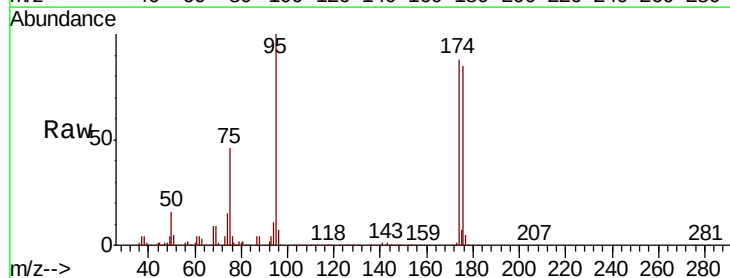
Acq: 23 Dec 2018 5:40

Tgt Ion: 75 Resp: 375632

Ion Ratio Lower Upper

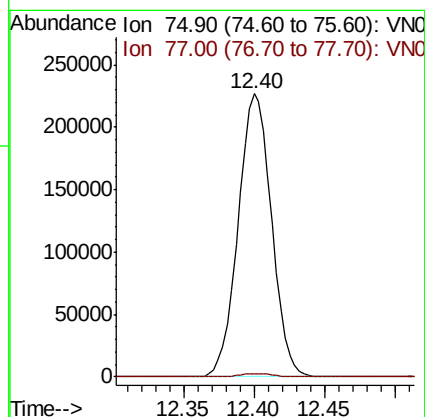
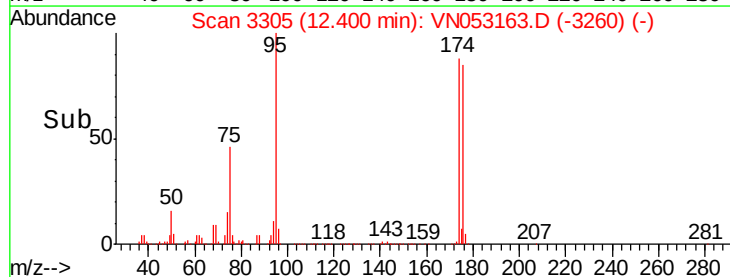
75 100

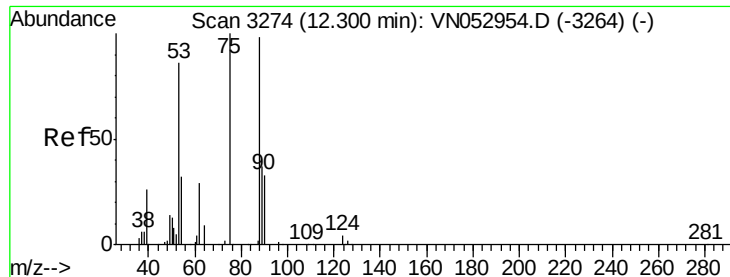
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 102.462 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1218-01ME

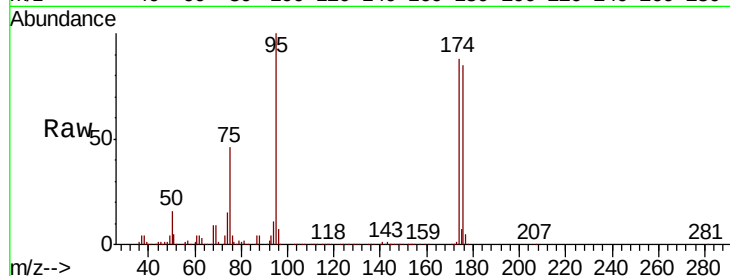
Tot Ion: 75 Resp: 375632

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

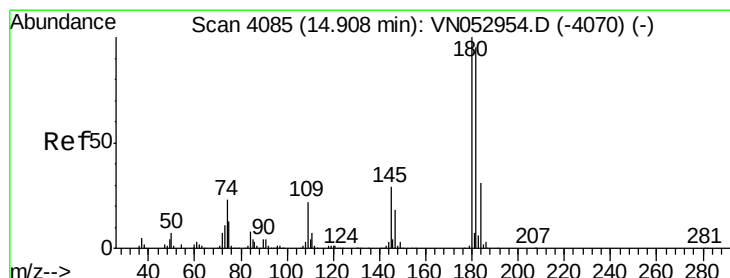
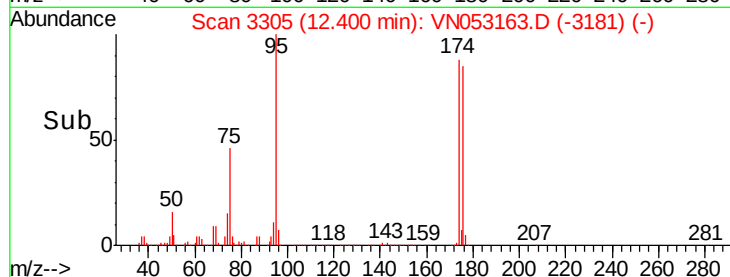
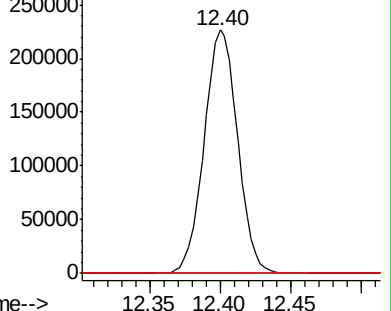
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052954.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052954.D (-3264) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.601 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053163.D

Acq: 23 Dec 2018 5:40

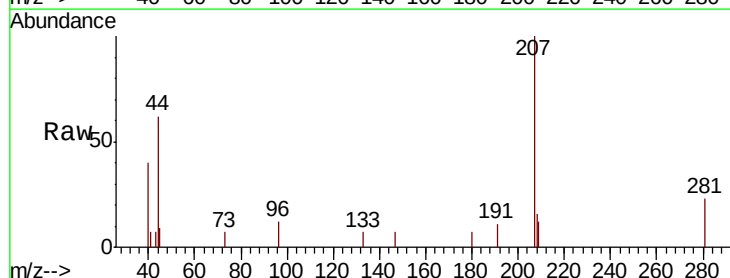
Tgt Ion: 180 Resp: 58

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

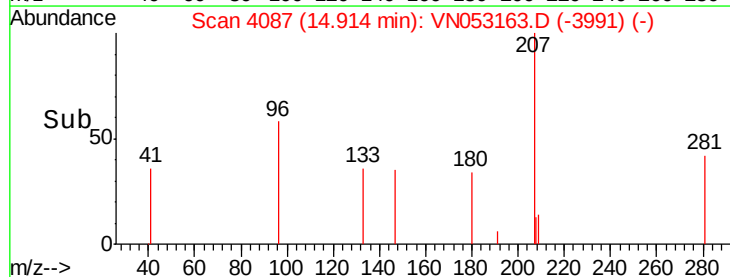
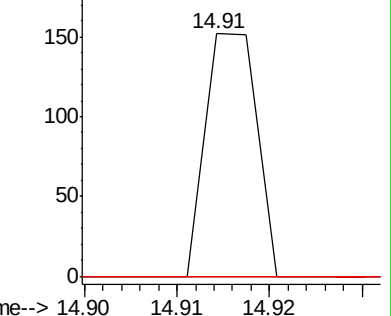
145 0.0 14.2 42.6#

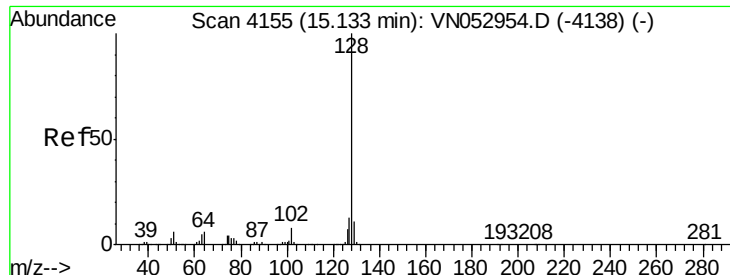


Abundance Ion 179.80 (179.50 to 180.50): VN052954.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN052954.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN052954.D (-4070) (-)





#95

Naphthalene

Concen: 1.162 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053163.D

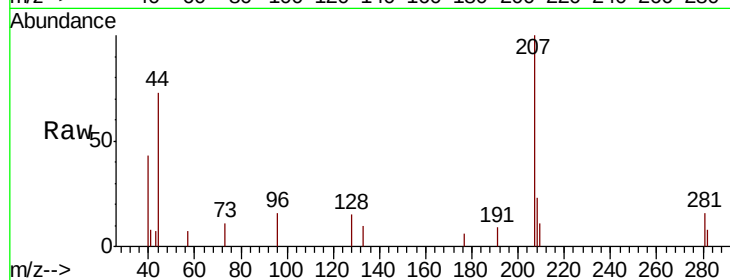
Acq: 23 Dec 2018 5:40

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-1218-01ME



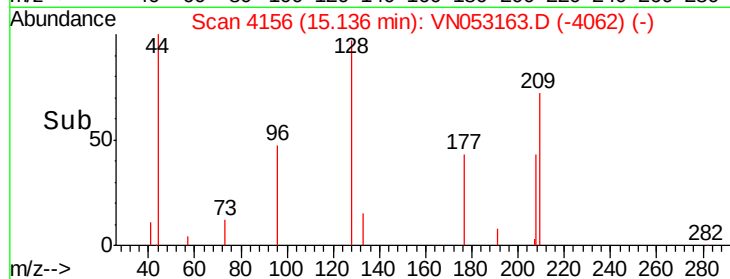
Tot Ion:128 Resp: 424

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

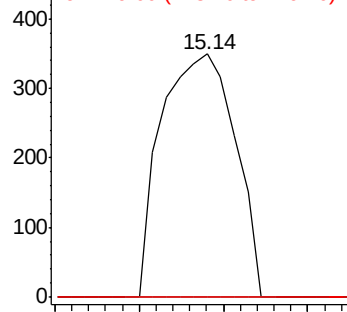
129 0.0 8.6 13.0#



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



Time--> 15.10 15.12 15.14 15.16