

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053159.D
 Acq On : 23 Dec 2018 3:53
 Operator : MD\SY
 Sample : J6446-12ME 10X
 Misc : 3.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0006-01ME

Quant Time: Dec 23 23:13:50 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	1228228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1904171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1745693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	749998	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	604501	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	7.59	113	513505	59.04	ug/l	0.00
Spiked Amount			Recovery	=	118.08%	
50) Toluene-d8	10.09	98	2321658	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	811610	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	

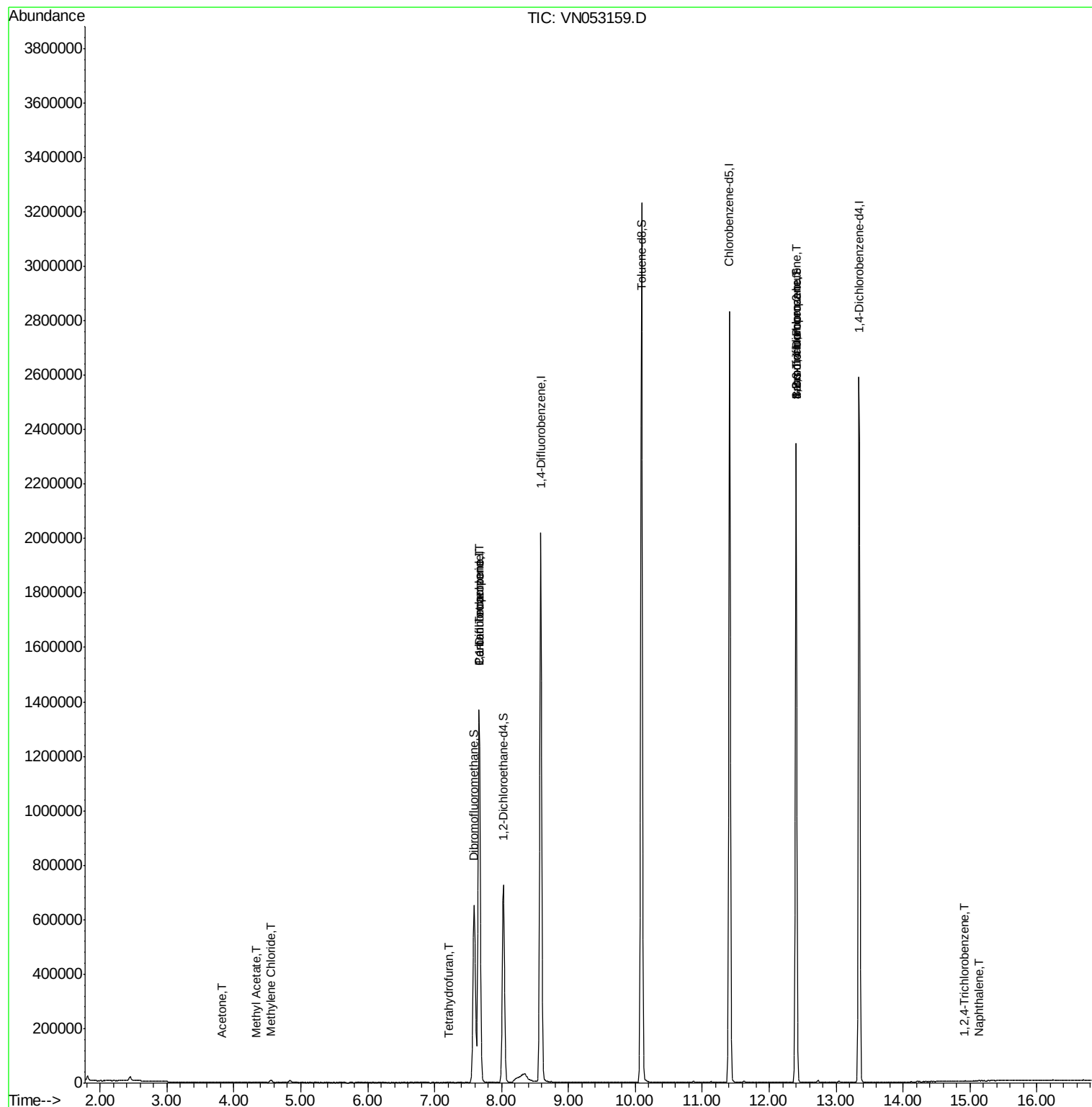
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	2201	0.901	ug/l	94
18) Methyl Acetate	4.33	43	4582	1.397	ug/l #	65
20) Methylene Chloride	4.55	84	6378	0.478	ug/l #	90
29) Tetrahydrofuran	7.22	42	787	0.257	ug/l #	34
31) Cyclohexane	7.67	56	20020	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	81338	4.450	ug/l #	48
38) Carbon Tetrachloride	7.67	117	107486	6.416	ug/l #	15
43) Isopropyl Acetate	8.23	43	17684	Below Cal	#	53
71) Bromoform	12.40	173	4696	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	380615	30.147	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	380615	97.166	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.90	180	67	0.601	ug/l #	49
95) Naphthalene	15.14	128	625	1.167	ug/l #	69

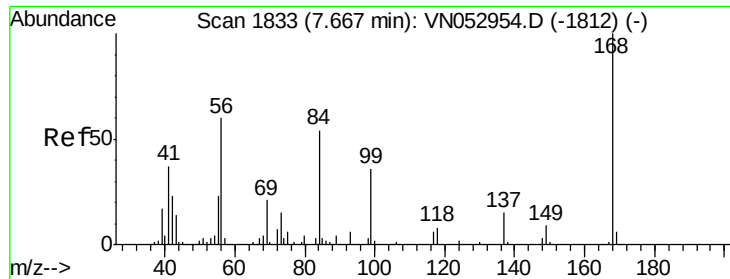
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053159.D

Acq: 23 Dec 2018 3:53

Instrument :

MSVOA_N

ClientSampleId :

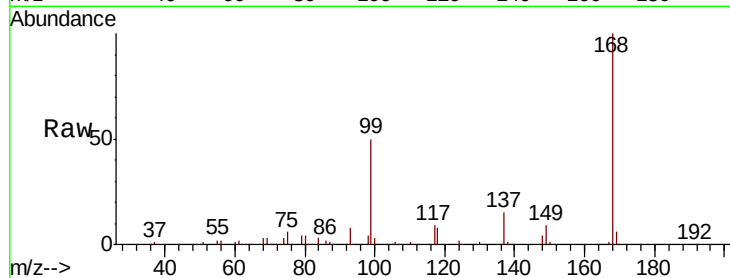
P001-SS022-0006-01ME

Tot Ion:168 Resp: 1228228

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053159.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053159.D (-1740) (-)

7.67

600000

500000

400000

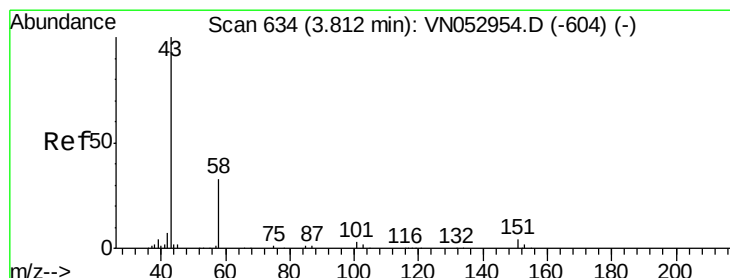
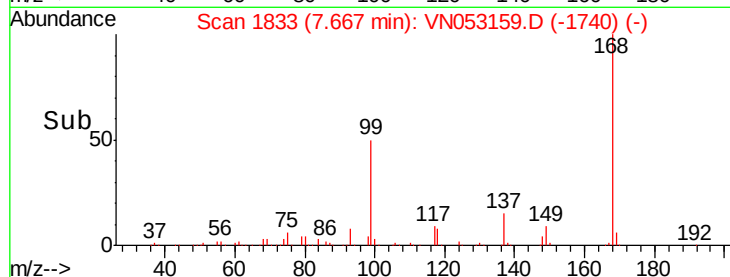
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.901 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053159.D

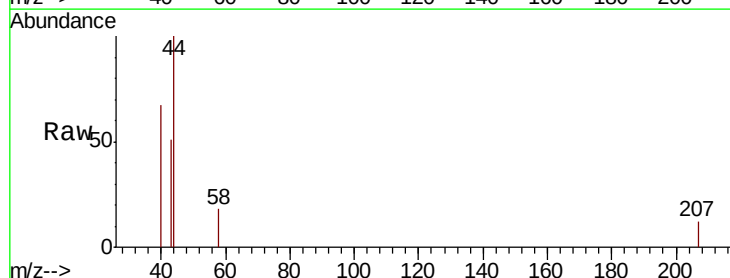
Acq: 23 Dec 2018 3:53

Tgt Ion: 43 Resp: 2201

Ion Ratio Lower Upper

43 100

58 35.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053159.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053159.D (-541) (-)

3.82

800

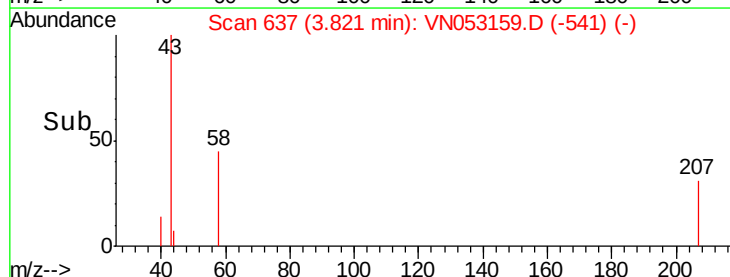
600

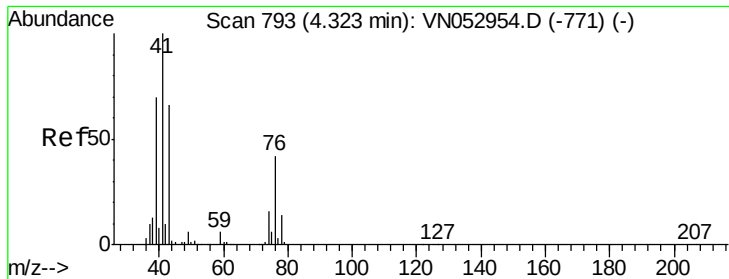
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200

0

Time-->

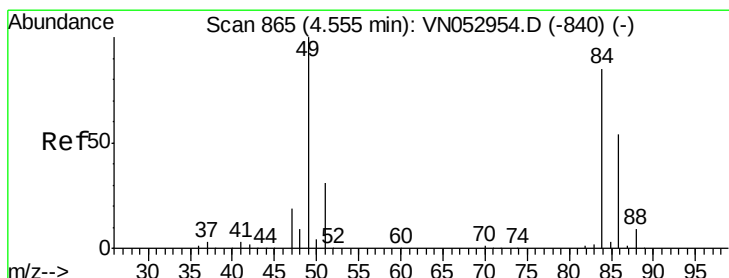
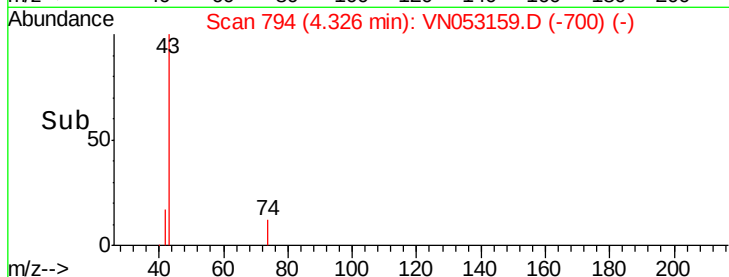
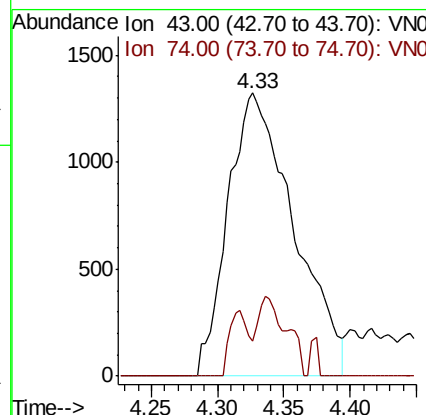
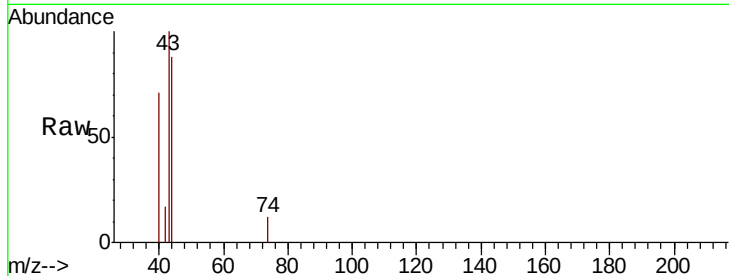




#18
Methvl Acetate
Concen: 1.397 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053159.D
Acq: 23 Dec 2018 3:53

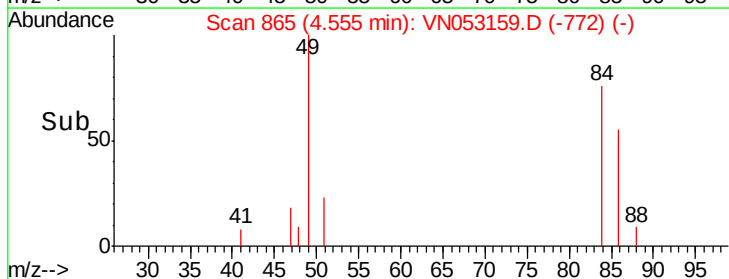
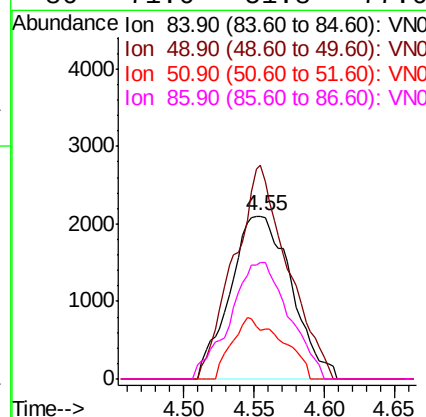
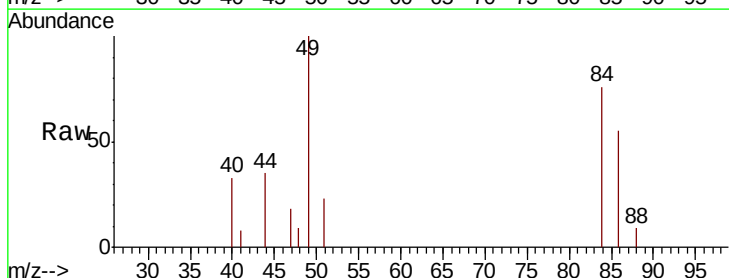
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ClientSampleId :
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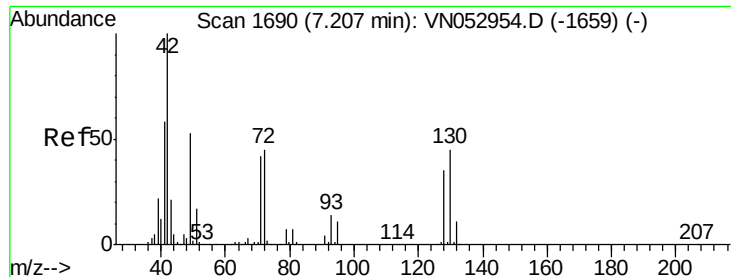
Tot Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
74 6.7 19.2 28.8#



#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053159.D
Acq: 23 Dec 2018 3:53

Tgt Ion: 84 Resp: 6378
Ion Ratio Lower Upper
84 100
49 130.9 96.8 145.2
51 29.5 29.9 44.9#
86 71.6 51.8 77.6

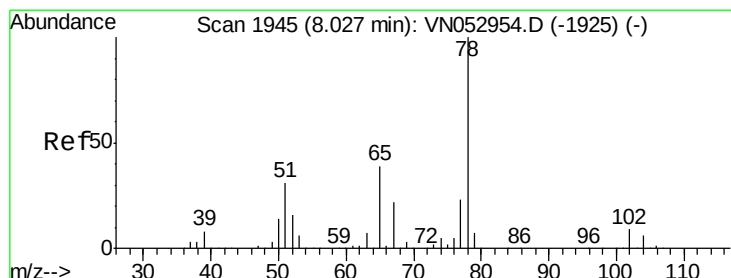
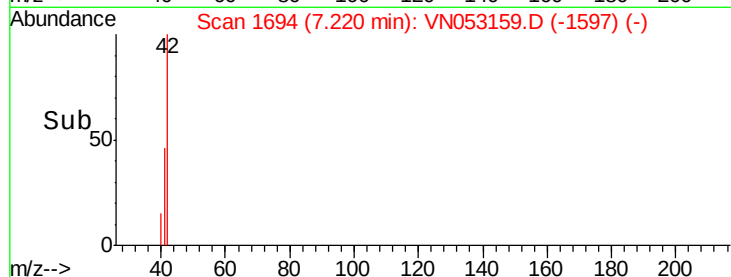
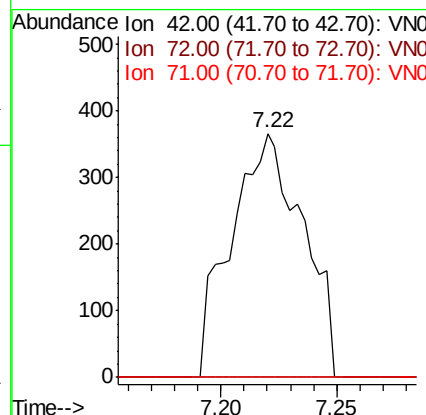
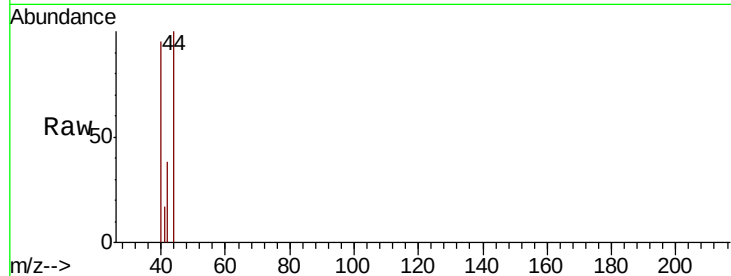




#29
Tetrahydrofuran
Concen: 0.257 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN053159.D
Acq: 23 Dec 2018 3:53

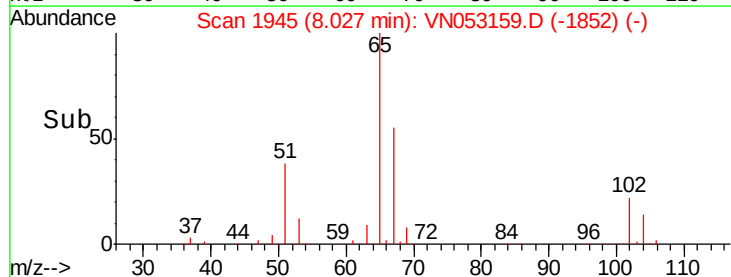
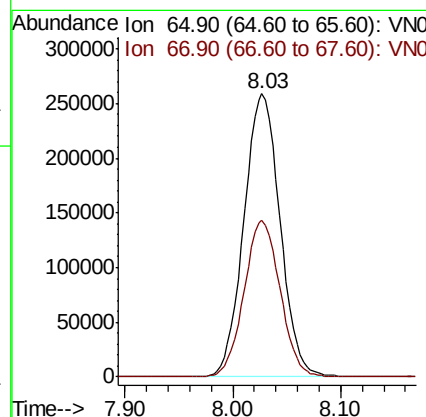
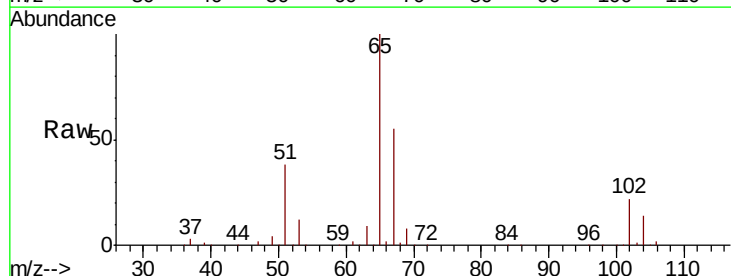
Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0006-01ME

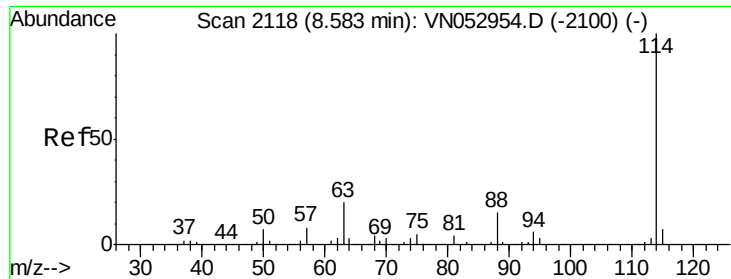
Tot Ion: 42 Resp: 787
Ion Ratio Lower Upper
42 100
72 0.0 34.7 52.1#
71 0.0 32.3 48.5#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053159.D
Acq: 23 Dec 2018 3:53

Tgt Ion: 65 Resp: 604501
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.4

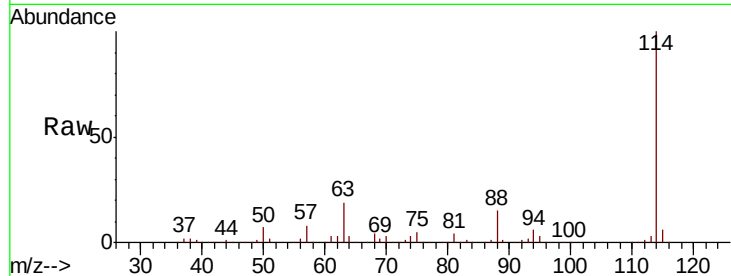




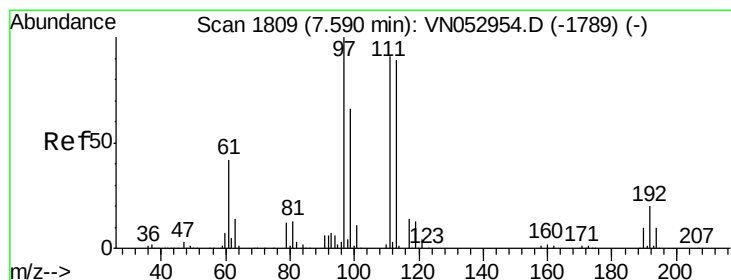
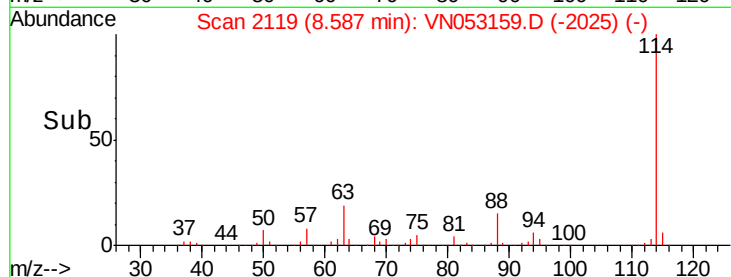
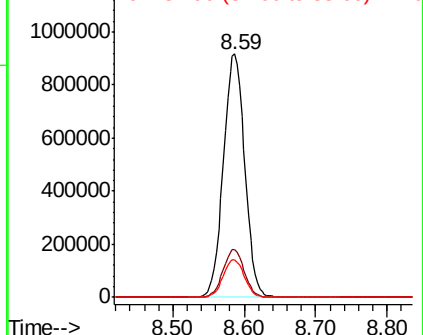
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053159.D
 Acq: 23 Dec 2018 3:53

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0006-01ME

Tot Ion:114 Resp: 1904171
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.4 0.0 31.0

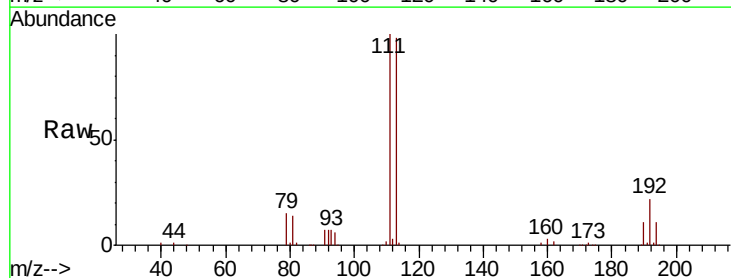


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

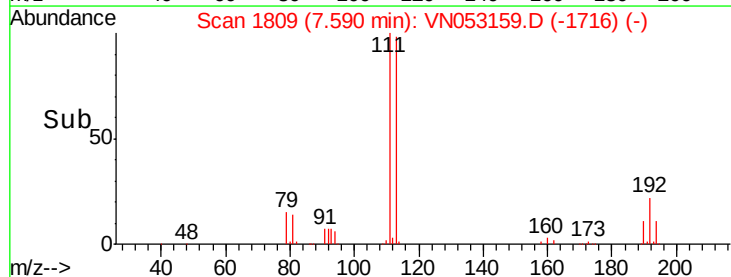
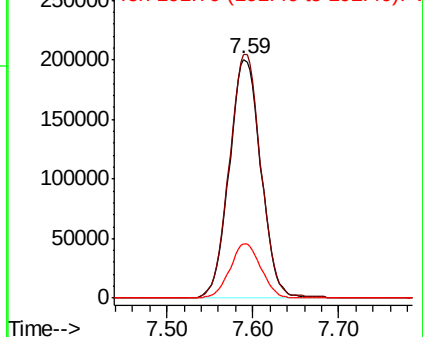


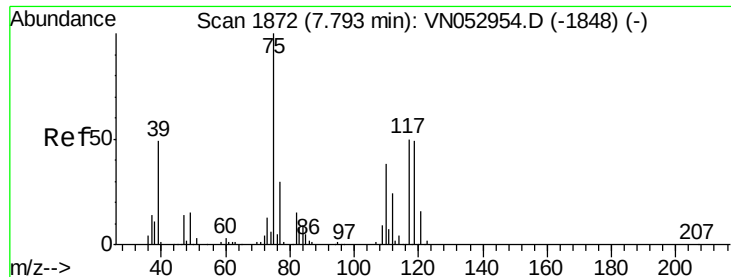
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053159.D
 Acq: 23 Dec 2018 3:53

Tgt Ion:113 Resp: 513505
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.0 124.4
 192 22.3 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

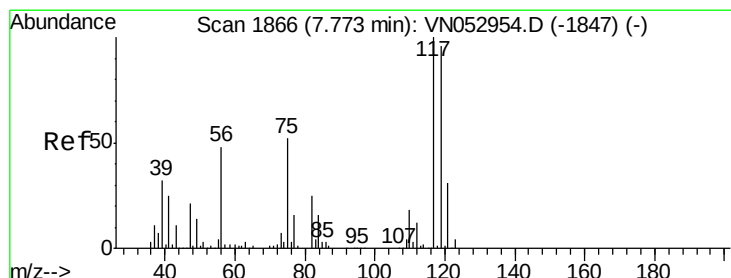
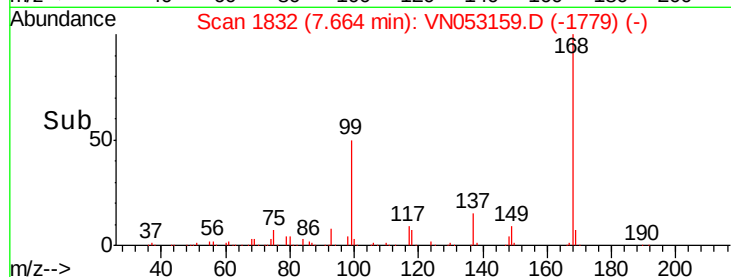
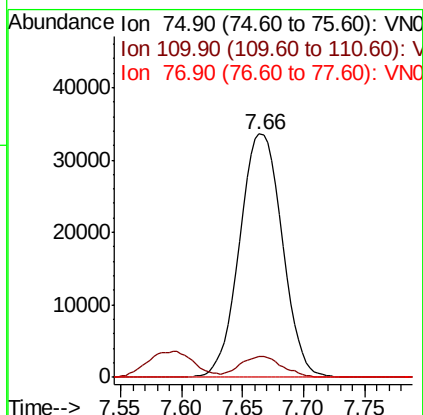
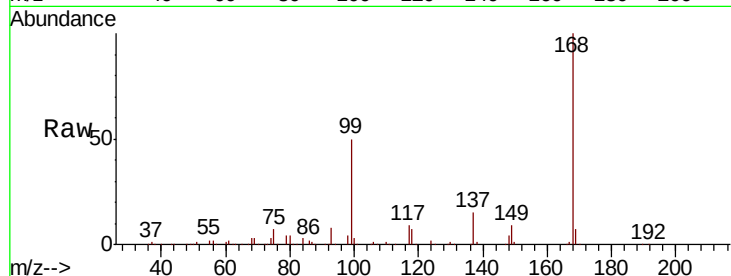




#36
 1,1-Dichloropropene
 Concen: 4.450 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053159.D
 Acq: 23 Dec 2018 3:53

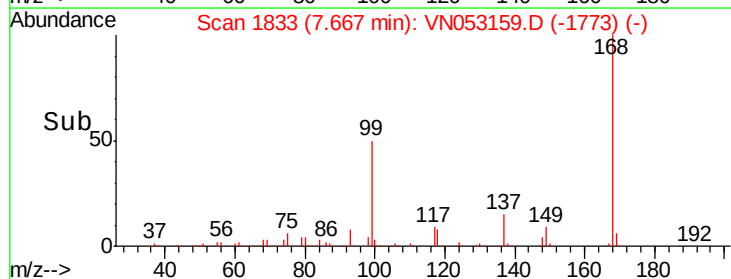
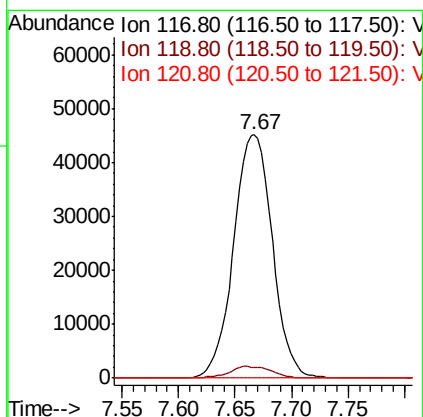
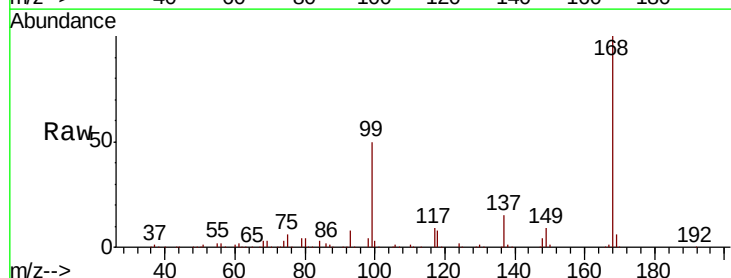
Instrument :
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 ClientSampleId :
 P001-SS022-0006-01ME

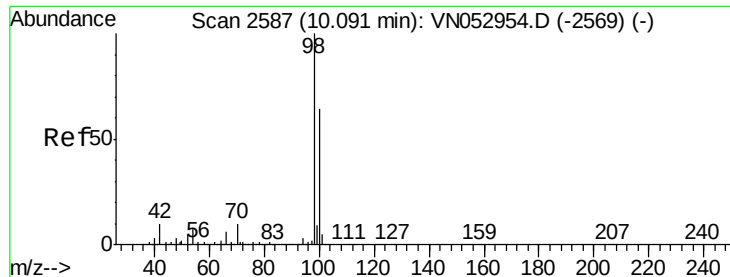
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.416 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053159.D
 Acq: 23 Dec 2018 3:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.1	115.7#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053159.D

Acq: 23 Dec 2018 3:53

Instrument :

MSVOA_N

ClientSampleId :

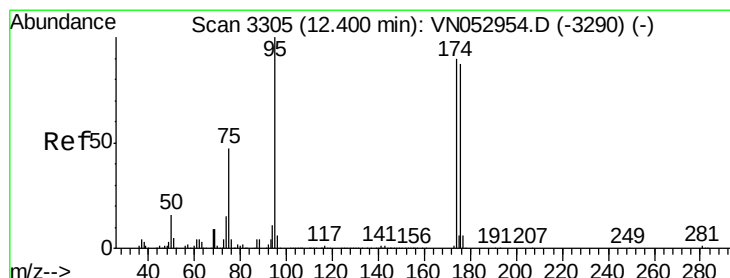
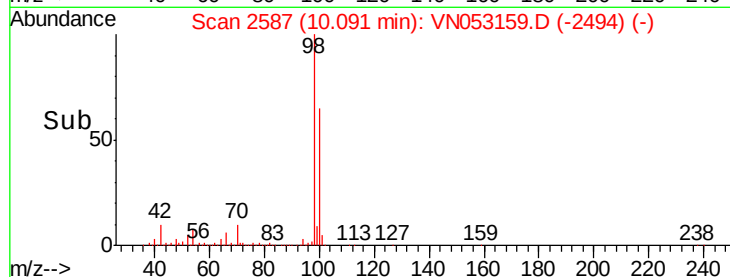
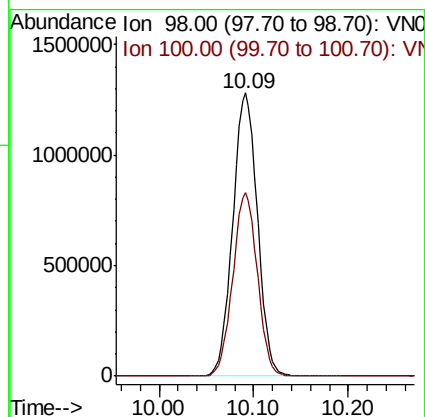
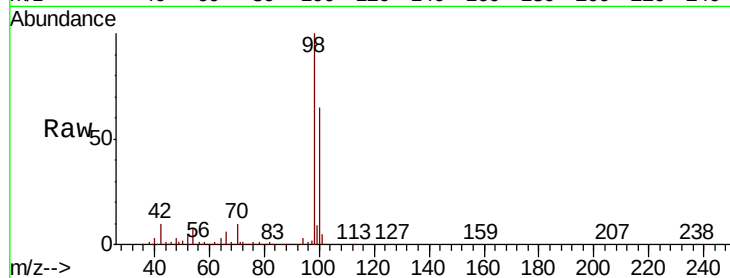
P001-SS022-0006-01ME

Tot Ion: 98 Resp: 2321658

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053159.D

Acq: 23 Dec 2018 3:53

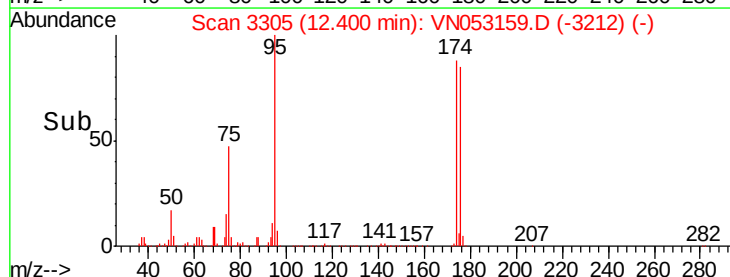
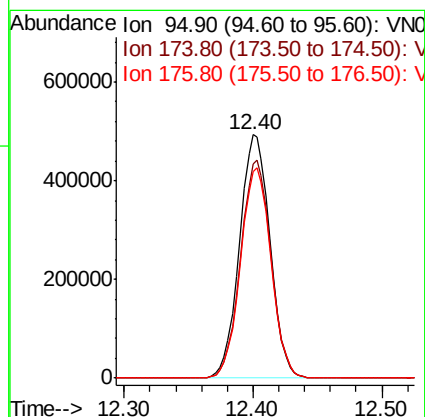
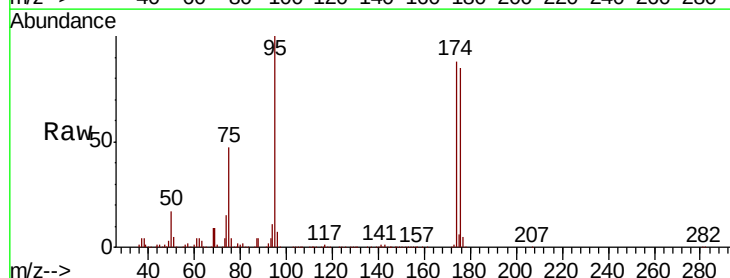
Tgt Ion: 95 Resp: 811610

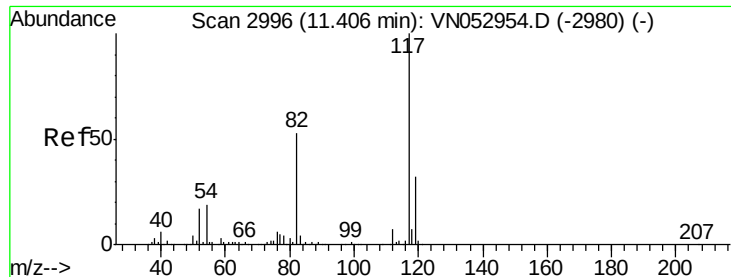
Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

176 86.5 0.0 173.8

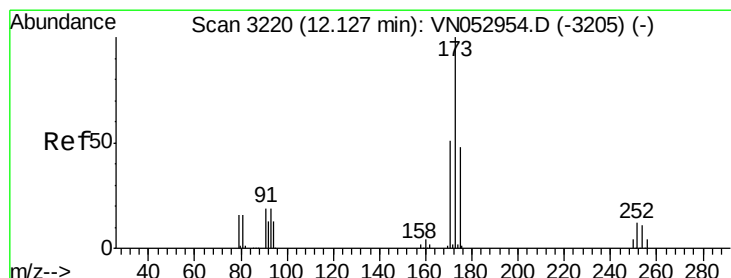
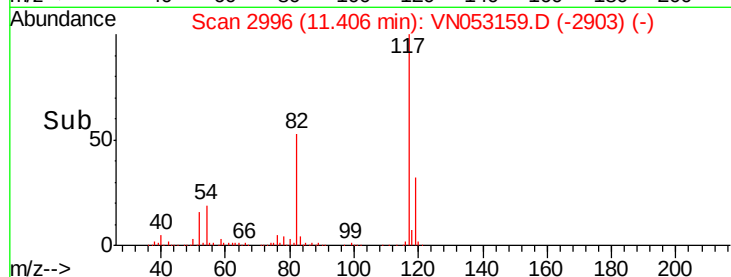
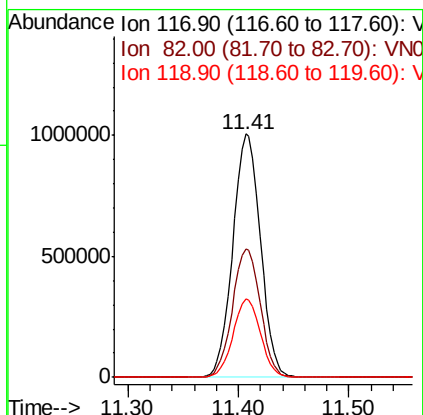
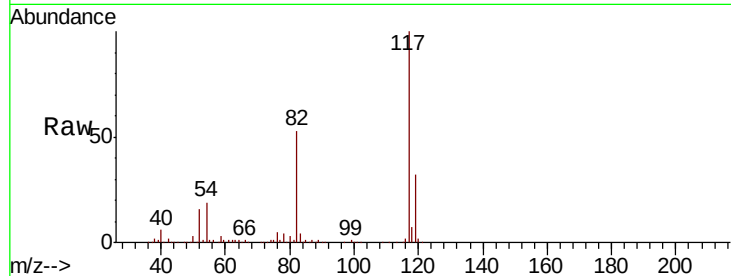




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053159.D
Acq: 23 Dec 2018 3:53

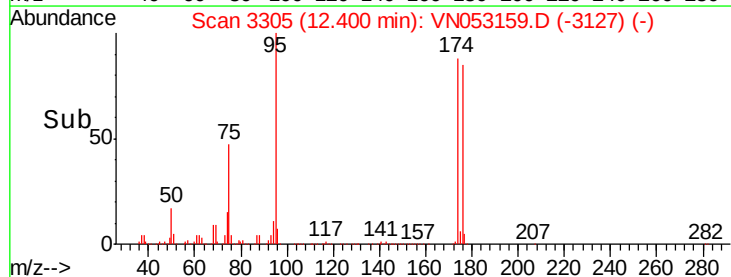
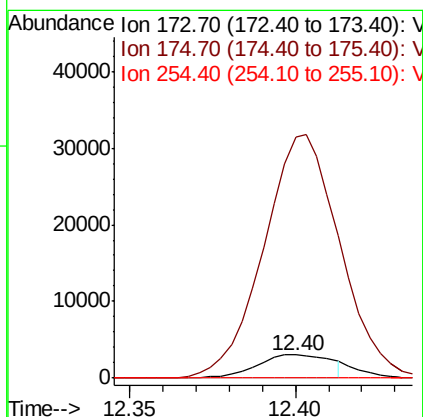
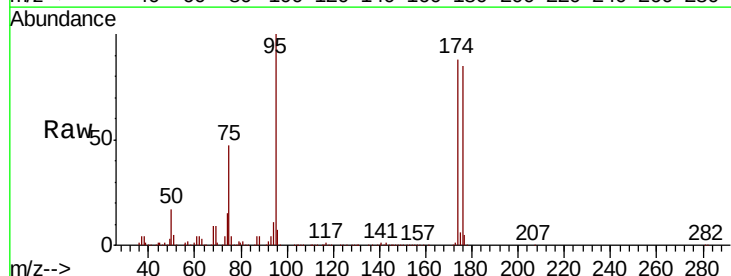
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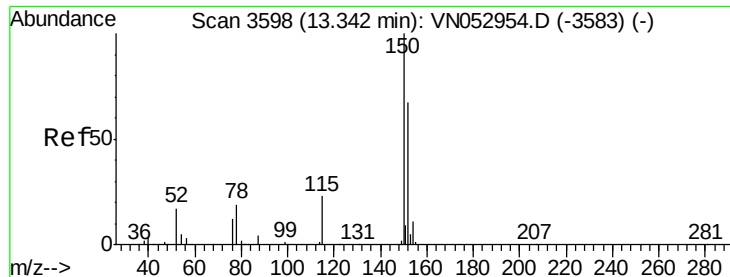
Tot Ion:117 Resp: 1745693
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 32.2 25.5 38.3



#71
Bromoform
Concen: 0.483 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053159.D
Acq: 23 Dec 2018 3:53

Tgt Ion:173 Resp: 4696
Ion Ratio Lower Upper
173 100
175 948.8 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053159.D

Acq: 23 Dec 2018 3:53

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0006-01ME

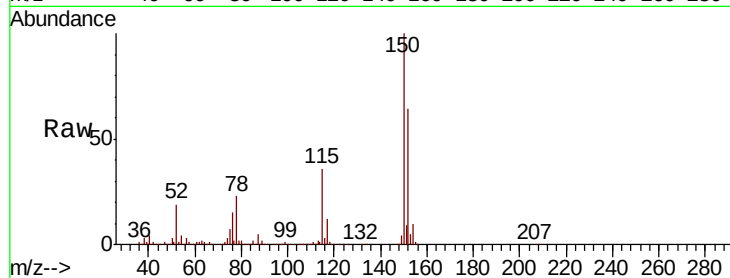
Tot Ion:152 Resp: 749998

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

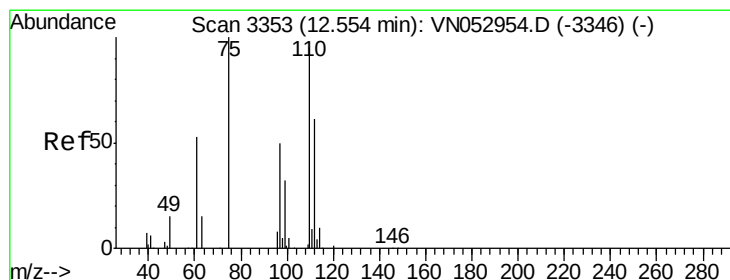
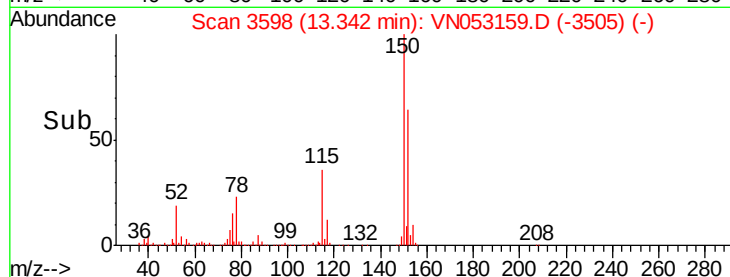
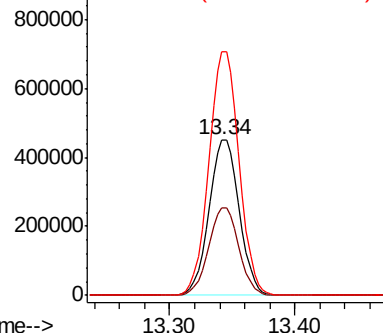
150 156.5 0.0 347.8



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: 30.147 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053159.D

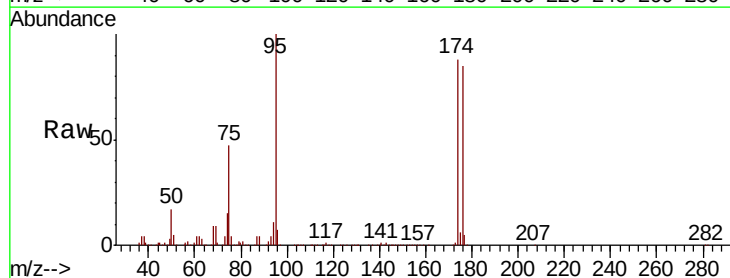
Acq: 23 Dec 2018 3:53

Tgt Ion: 75 Resp: 380615

Ion Ratio Lower Upper

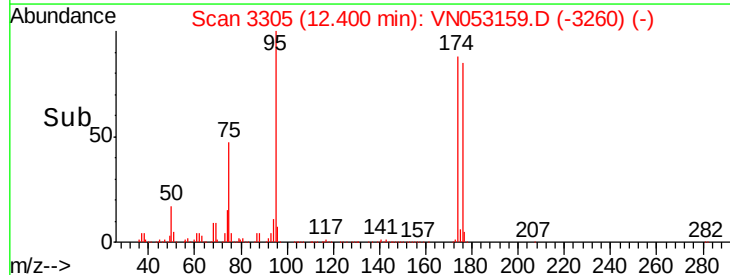
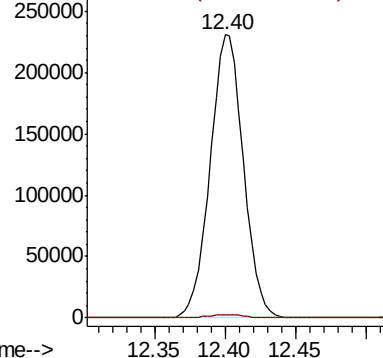
75 100

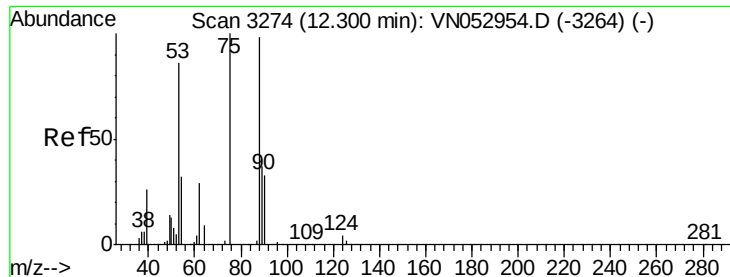
77 1.1 0.0 0.0#



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: 97.166 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053159.D

Acq: 23 Dec 2018 3:53

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0006-01ME

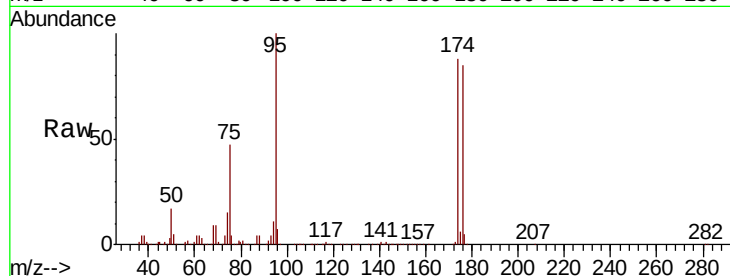
Tot Ion: 75 Resp: 380615

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

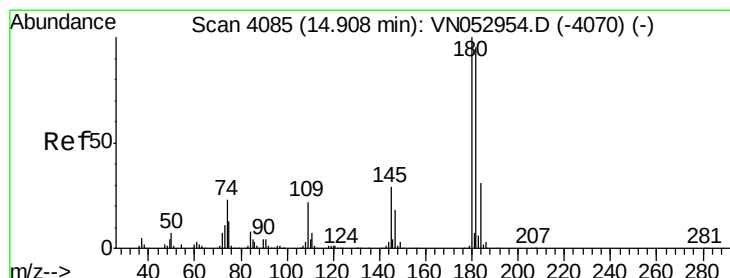
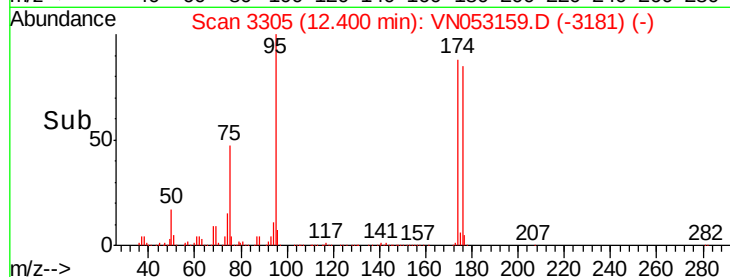
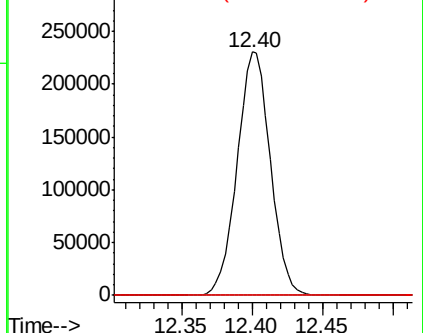
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: 0.601 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN053159.D

Acq: 23 Dec 2018 3:53

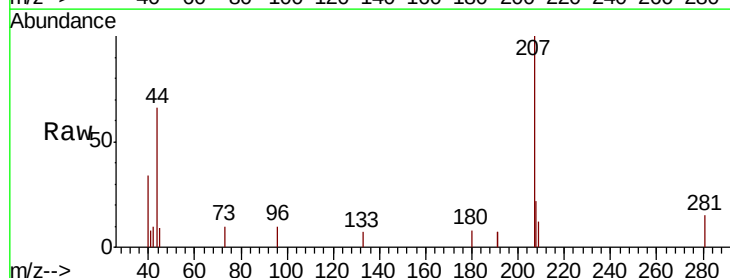
Tgt Ion: 180 Resp: 67

Ion Ratio Lower Upper

180 100

182 144.8 47.8 143.3#

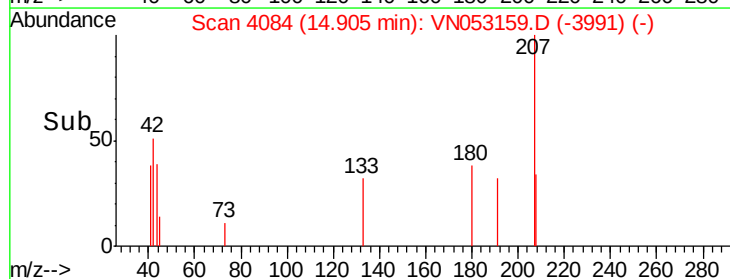
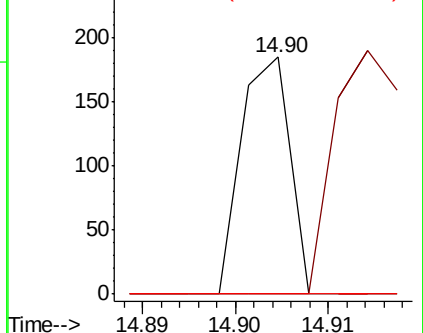
145 0.0 14.2 42.6#

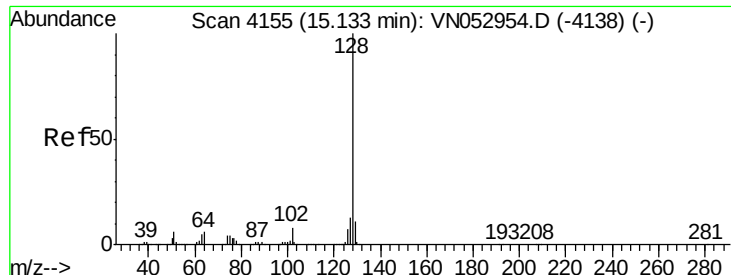


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 1.167 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053159.D

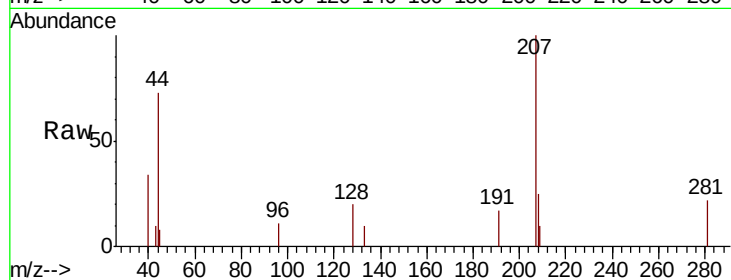
Acq: 23 Dec 2018 3:53

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0006-01ME



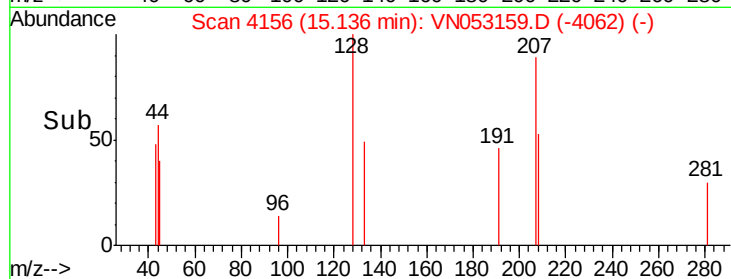
Tot Ion:128 Resp: 625

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

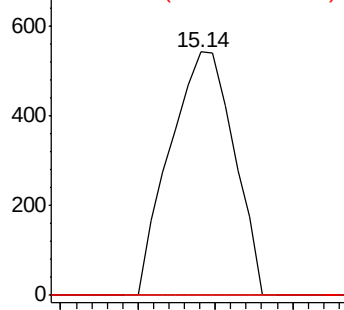
129 0.0 8.6 13.0#



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-->