

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052174.D
 Acq On : 6 Nov 2018 3:28
 Operator : MD\SY
 Sample : J5805-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(21-25)

Quant Time: Nov 06 06:43:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

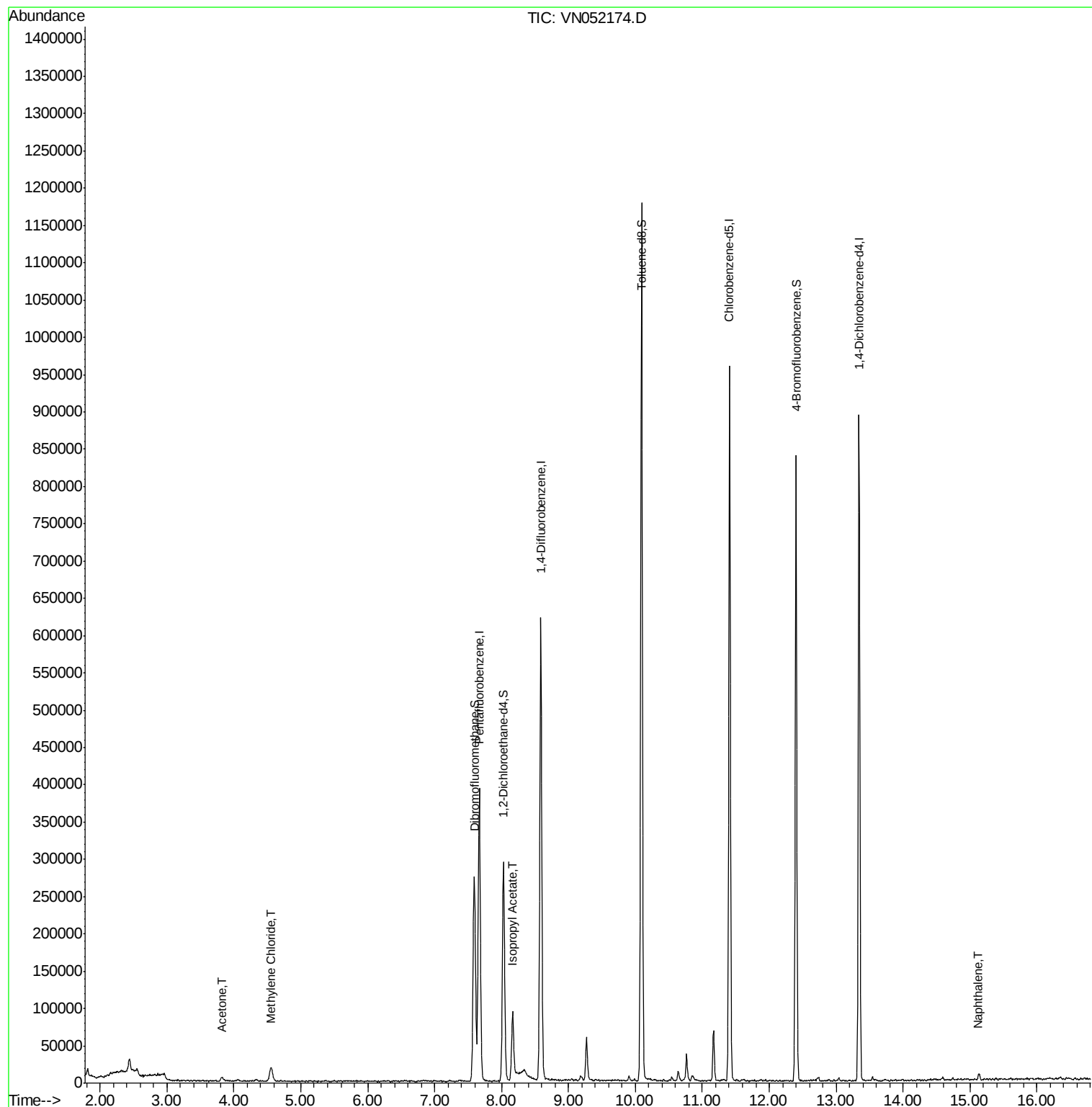
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	305150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	228892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	238999	66.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.10%	
35) Dibromofluoromethane	7.59	113	207523	61.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.04%	
50) Toluene-d8	10.09	98	823363	62.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.24%	
62) 4-Bromofluorobenzene	12.40	95	279982	64.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.74%	
Target Compounds						
16) Acetone	3.82	43	9030	11.015	ug/l	94
20) Methylene Chloride	4.55	84	14582	4.281	ug/l	97
43) Isopropyl Acetate	8.17	43	116352	21.044	ug/l #	87
95) Naphthalene	15.13	128	7457	1.064	ug/l #	92

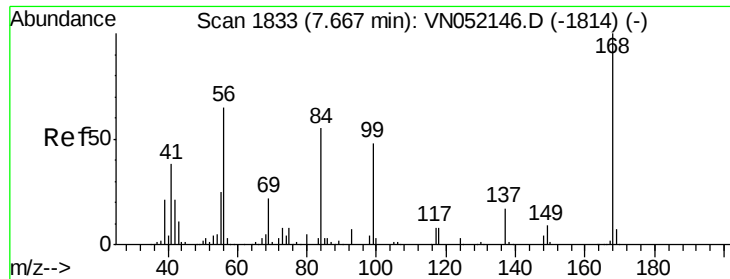
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN052174.D

Acq: 6 Nov 2018 3:28

Instrument :

MSVOA_N

ClientSampleId :

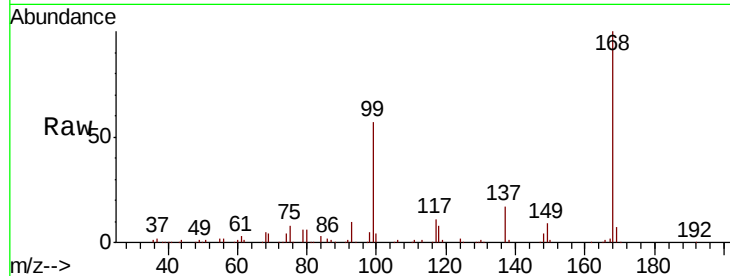
COMP-SAMPLES(21-25)

Tot Ion:168 Resp: 305150

Ion Ratio Lower Upper

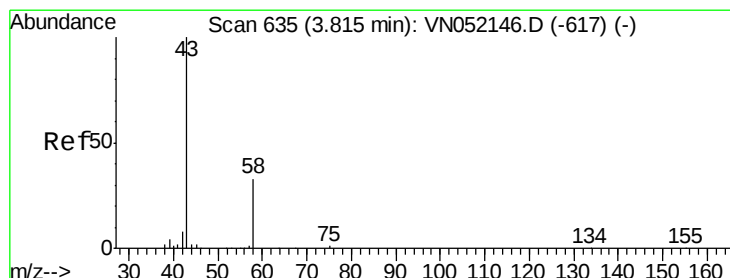
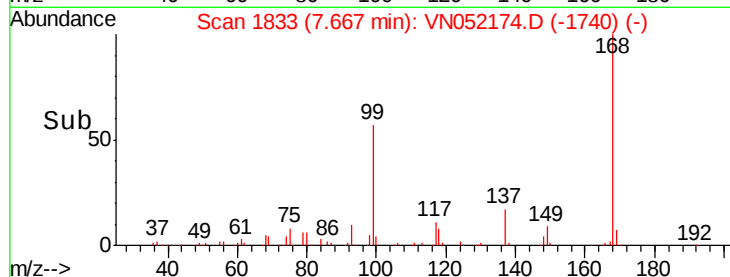
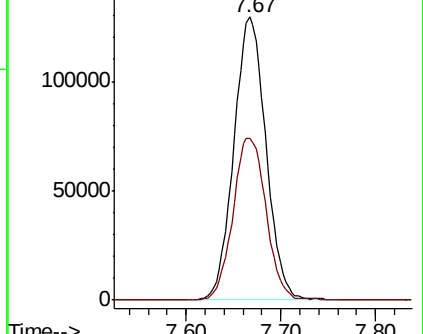
168 100

99 57.0 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VN052174.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052174.D (-1740) (-)



#16

Acetone

Concen: 11.015 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052174.D

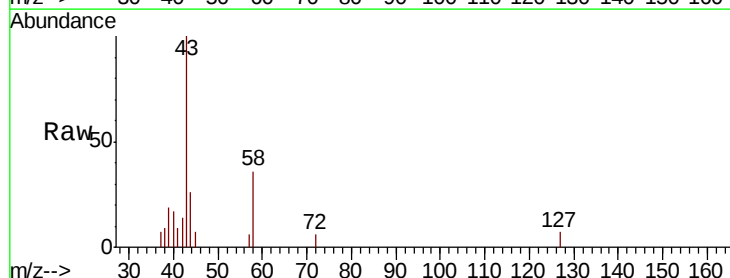
Acq: 6 Nov 2018 3:28

Tgt Ion: 43 Resp: 9030

Ion Ratio Lower Upper

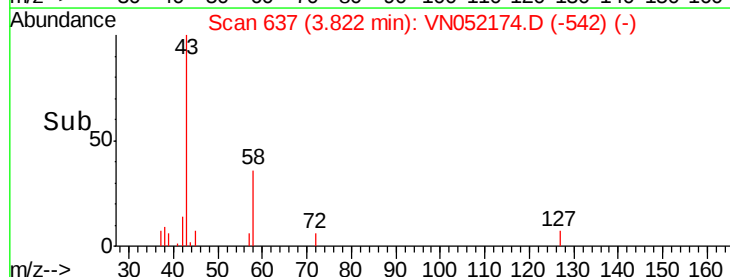
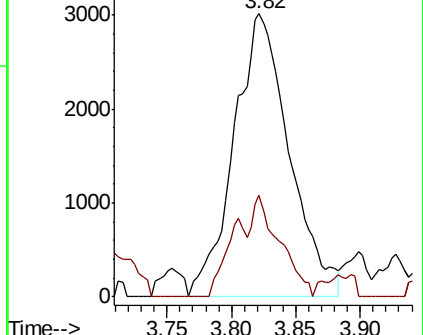
43 100

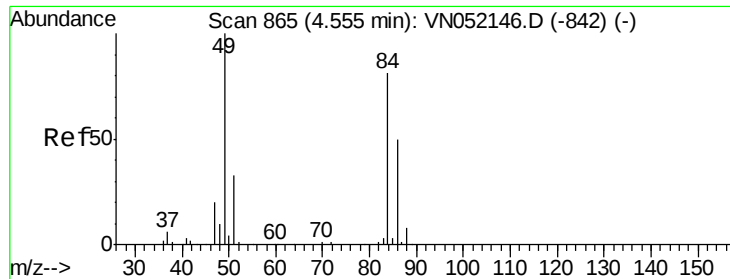
58 36.1 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VN052174.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052174.D (-542) (-)

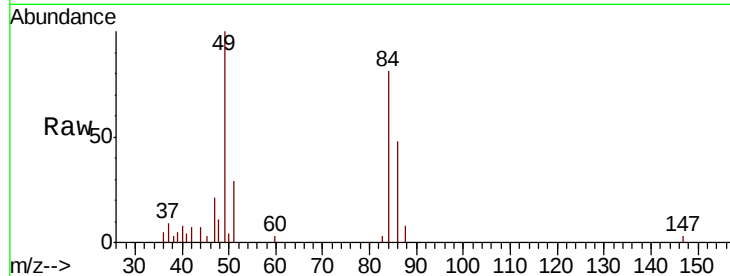




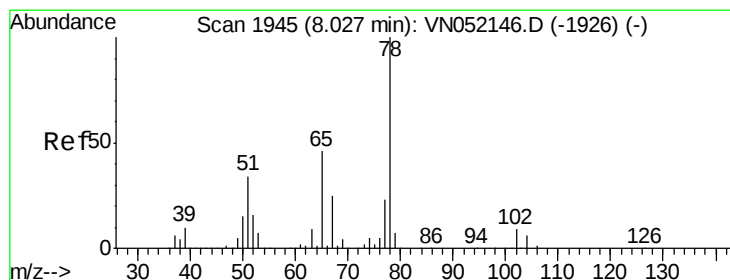
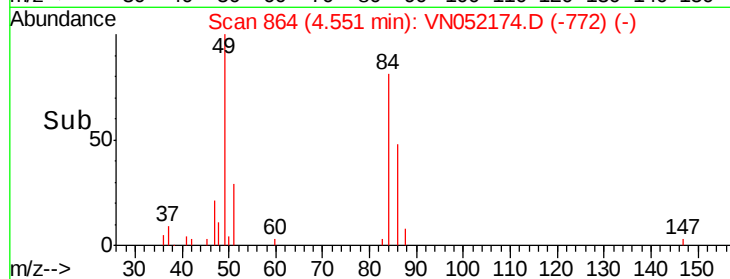
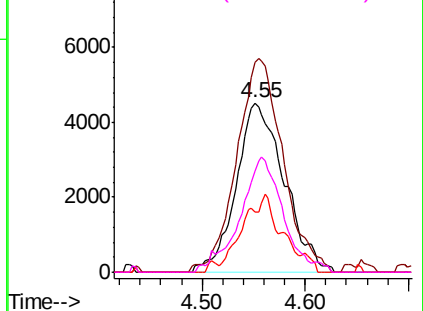
#20
Methvlene Chloride
Concen: 4.281 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052174.D
Acq: 6 Nov 2018 3:28

Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(21-25)

Tot Ion:	84	Resp:	14582
Ion	Ratio	Lower	Upper
84	100		
49	123.9	98.4	147.6
51	35.7	32.5	48.7
86	59.5	49.7	74.5

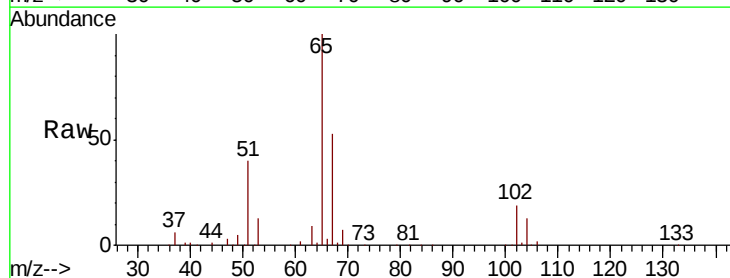


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

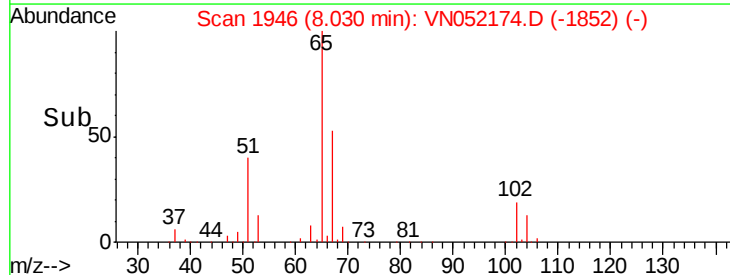
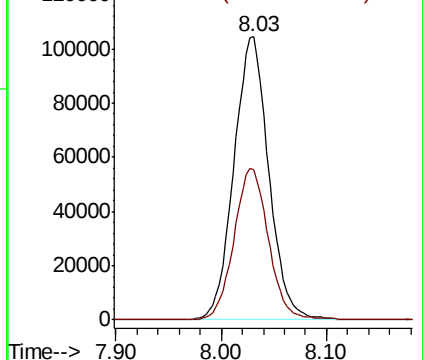


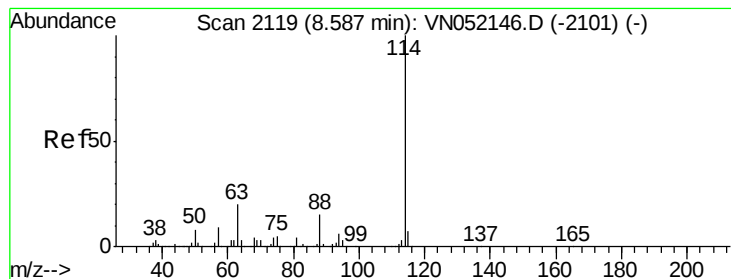
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052174.D
Acq: 6 Nov 2018 3:28

Tgt Ion:	65	Resp:	238999
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052174.D

Acq: 6 Nov 2018 3:28

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLES(21-25)

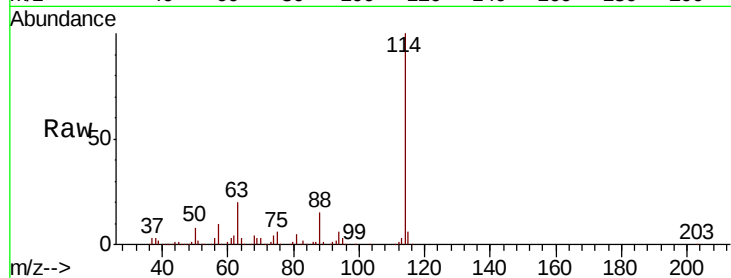
Tot Ion:114 Resp: 547756

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

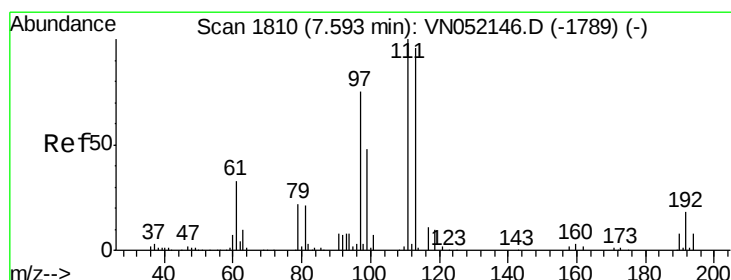
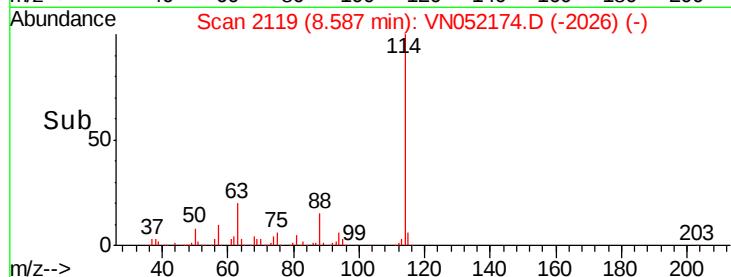
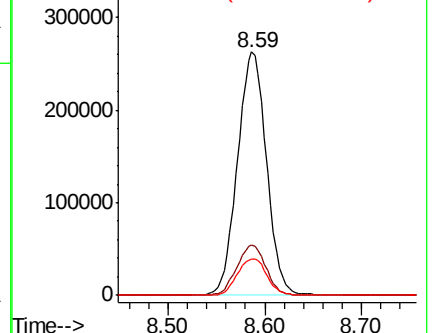
88 14.7 0.0 31.0



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# 1810

Delta R.T. 0.00 min

Lab File: VN052174.D

Acq: 6 Nov 2018 3:28

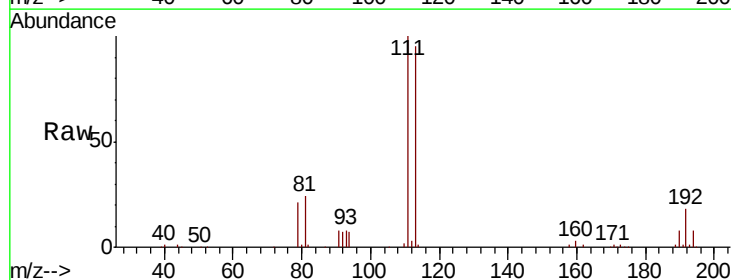
Tgt Ion:113 Resp: 207523

Ion Ratio Lower Upper

113 100

111 104.0 81.7 122.5

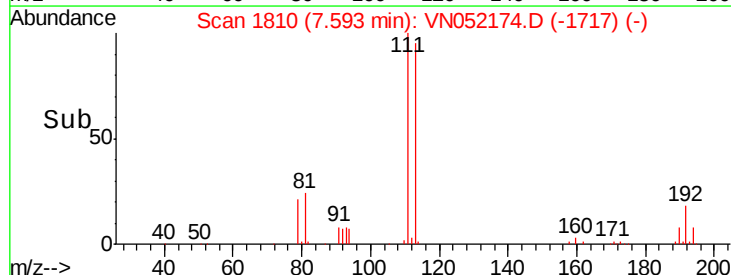
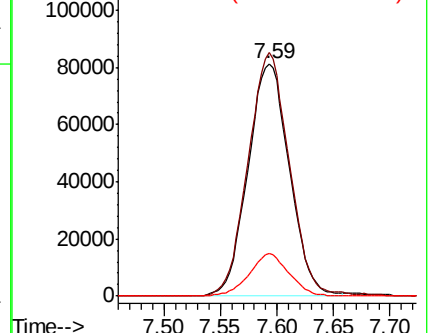
192 17.5 14.2 21.4

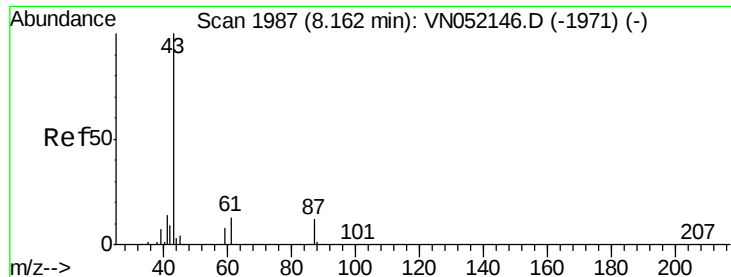


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 21.044 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052174.D

Acq: 6 Nov 2018 3:28

Instrument :

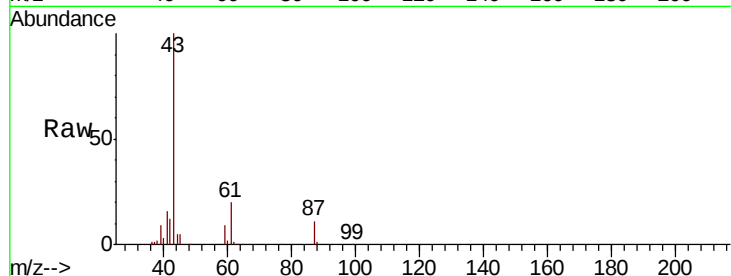
MSVOA_N

ClientSampleId :

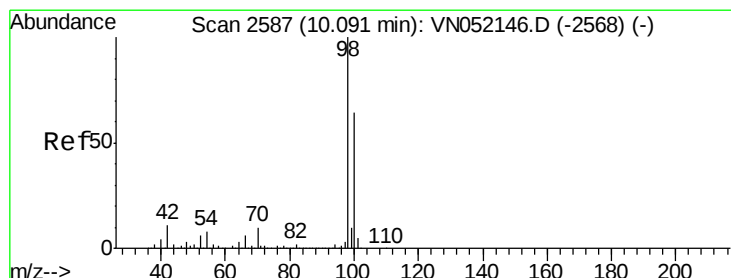
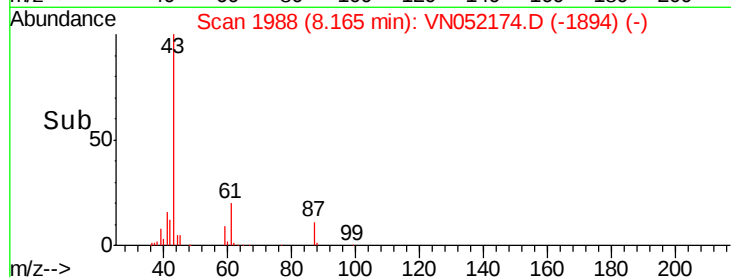
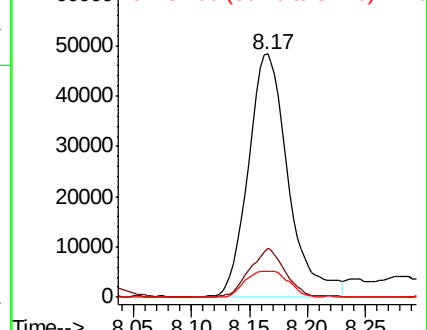
COMP-SAMPLES(21-25)

Tot Ion: 43 Resp: 116352

Ion	Ratio	Lower	Upper
43	100		
61	17.9	21.5	32.3#
87	11.6	10.2	15.2



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

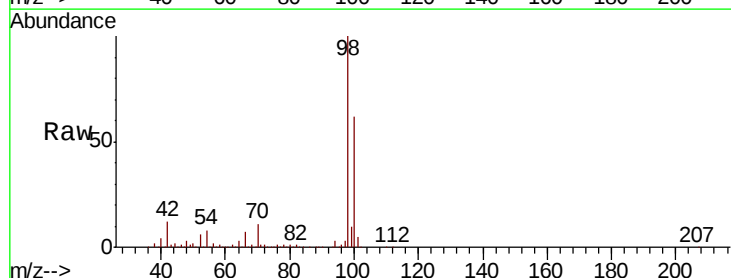
Delta R.T. 0.00 min

Lab File: VN052174.D

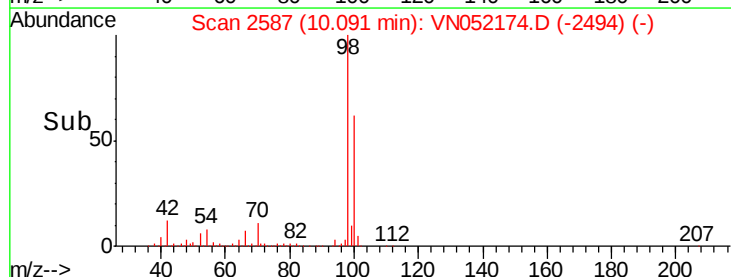
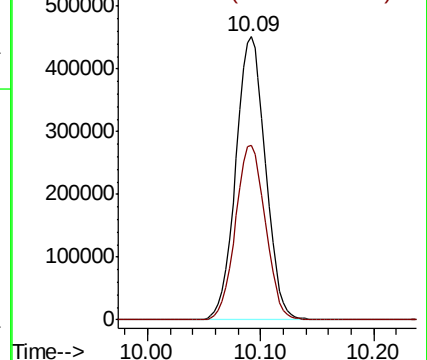
Acq: 6 Nov 2018 3:28

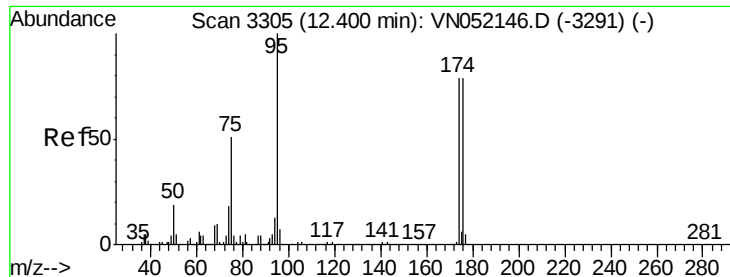
Tgt Ion: 98 Resp: 823363

Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.5	75.7



Abundance Ion 98.00 (97.70 to 98.70): VN052146.D (-2568) (-)

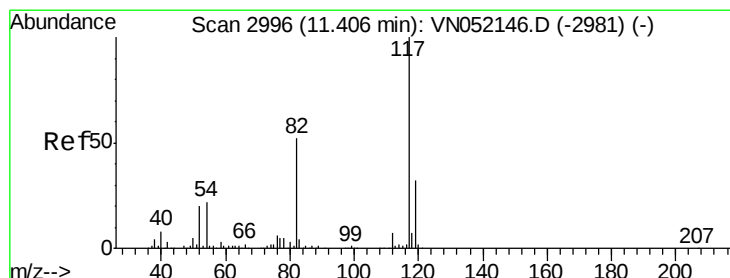
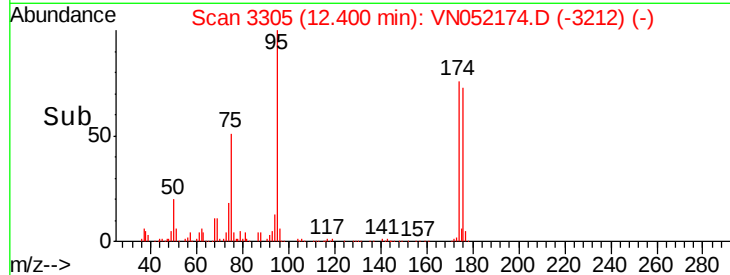
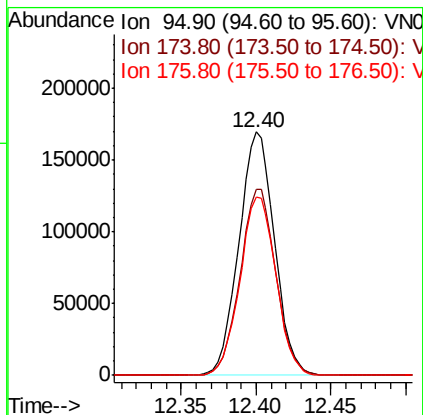
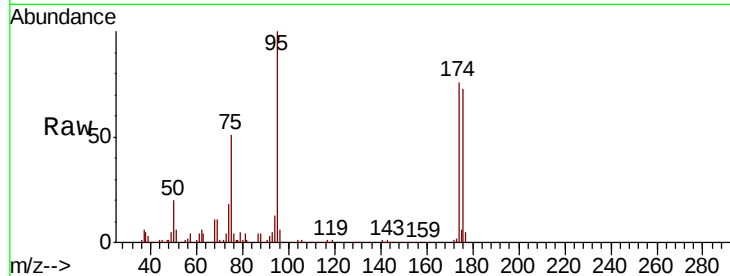




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052174.D
Acq: 6 Nov 2018 3:28

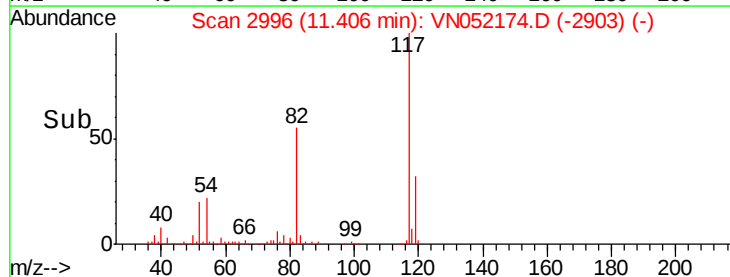
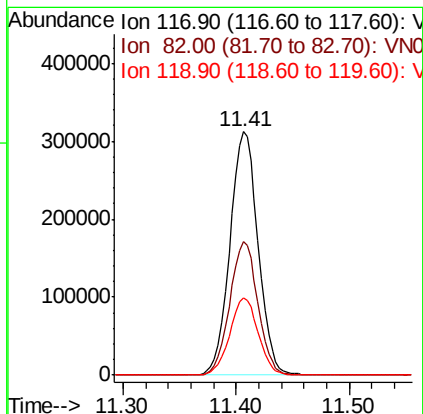
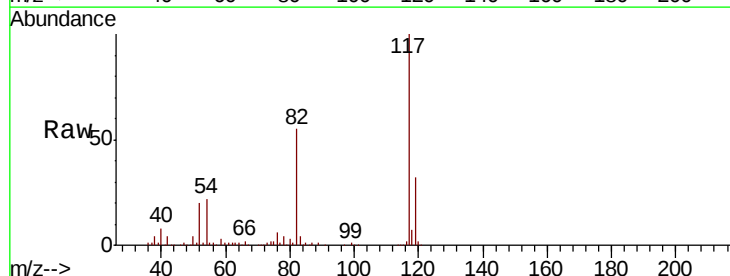
Instrument :
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COMP-SAMPLES(21-25)

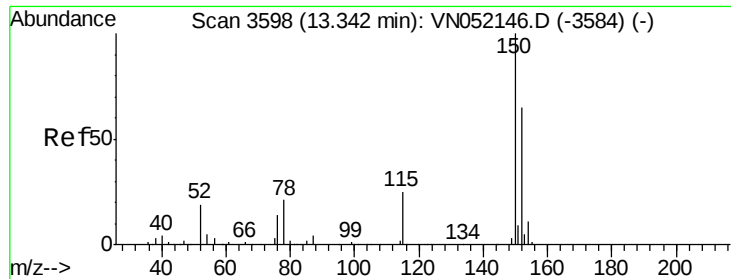
Tot Ion: 95 Resp: 279982
Ion Ratio Lower Upper
95 100
174 76.8 0.0 162.6
176 74.3 0.0 155.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052174.D
Acq: 6 Nov 2018 3:28

Tgt Ion: 117 Resp: 538052
Ion Ratio Lower Upper
117 100
82 54.6 41.9 62.9
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052174.D

Acq: 6 Nov 2018 3:28

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLES(21-25)

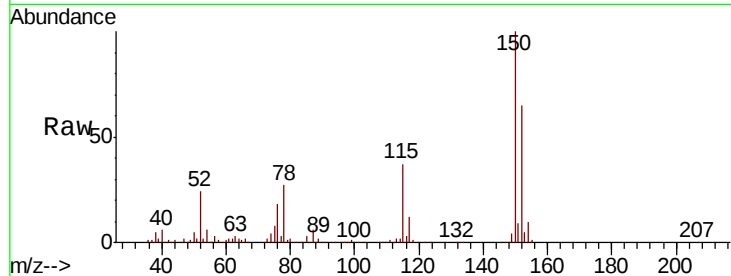
Tot Ion:152 Resp: 228892

Ion Ratio Lower Upper

152 100

115 59.5 28.5 85.5

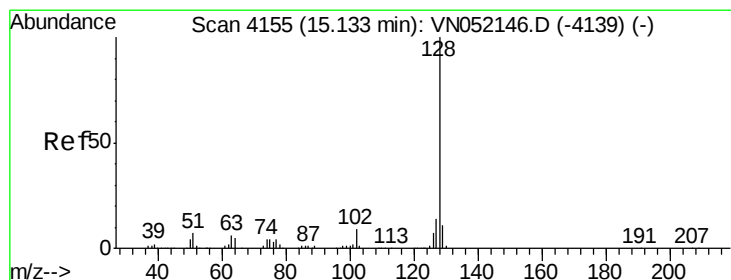
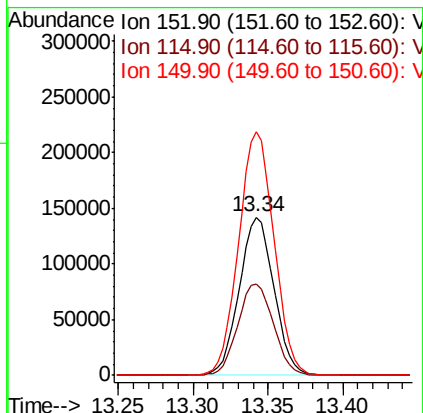
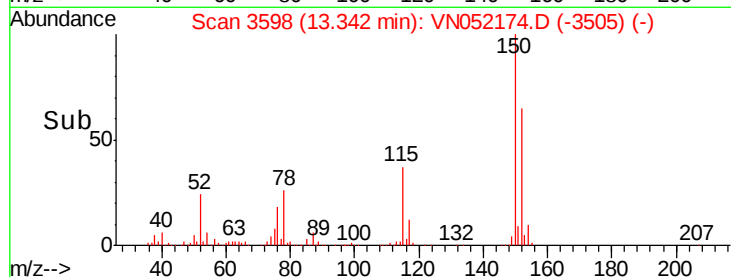
150 157.2 0.0 348.6



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



#95

Naphthalene

Concen: 1.064 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052174.D

Acq: 6 Nov 2018 3:28

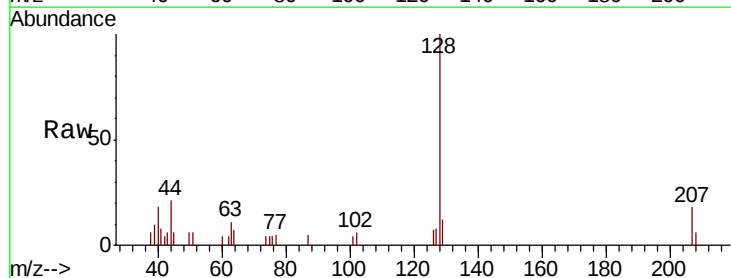
Tgt Ion:128 Resp: 7457

Ion Ratio Lower Upper

128 100

127 9.7 10.8 16.2#

129 8.7 9.1 13.7#



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

