

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052569.D
 Acq On : 29 Nov 2018 17:05
 Operator : MD\SY
 Sample : J6073-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASIS-WASH

Quant Time: Nov 30 03:27:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

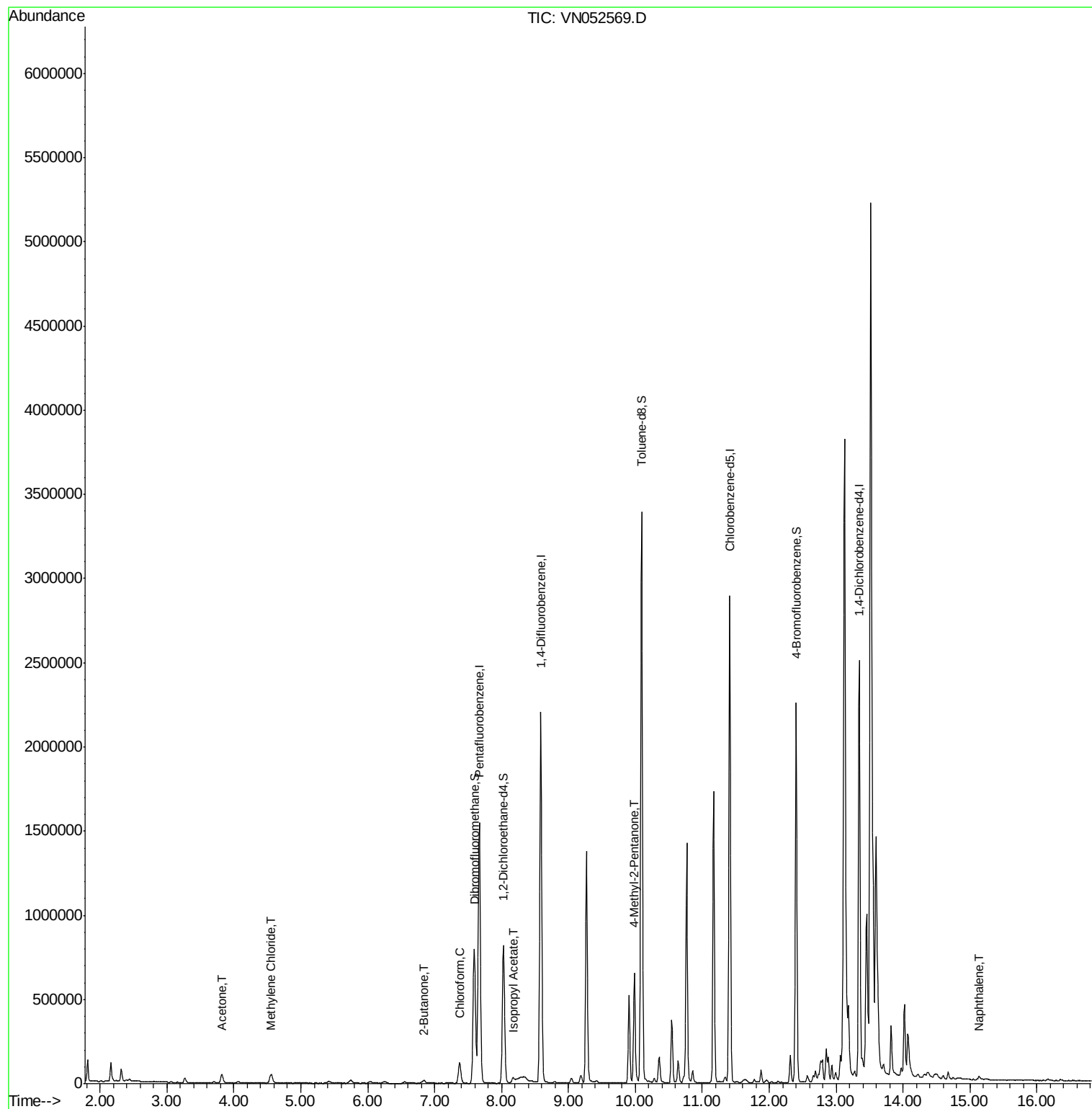
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1341329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2040732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1744937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	701495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	688677	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	7.59	113	626504	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.09	98	2466995	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	784095	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	3.82	43	89841	23.323	ug/l	100
20) Methylene Chloride	4.56	84	40357	2.677	ug/l	97
25) 2-Butanone	6.84	43	26985	4.942	ug/l	100
30) Chloroform	7.37	83	134366	5.185	ug/l	93
43) Isopropyl Acetate	8.17	43	46217	2.322	ug/l #	79
51) 4-Methyl-2-Pentanone	9.99	43	472903	42.348	ug/l	98
95) Naphthalene	15.14	128	20045	4.135	ug/l	97

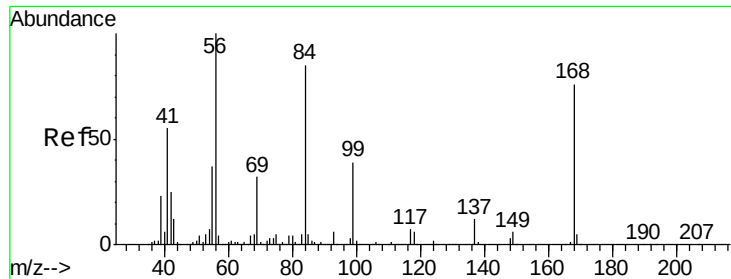
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052569.D

Acq: 29 Nov 2018 17:05

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ClientSampleId :

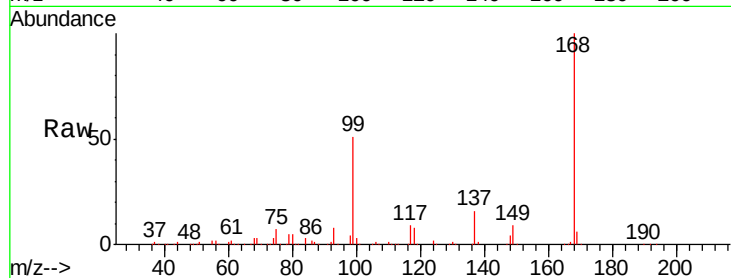
CHASIS-WASH

Tgt Ion:168 Resp: 1341329

Ion Ratio Lower Upper

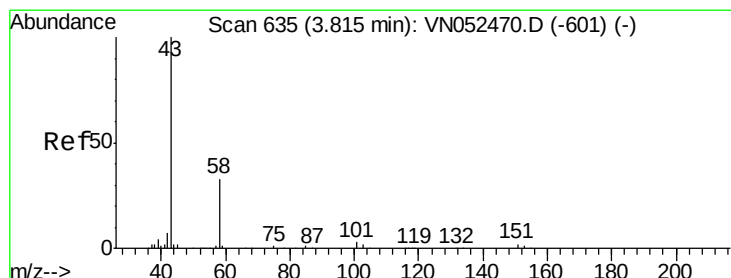
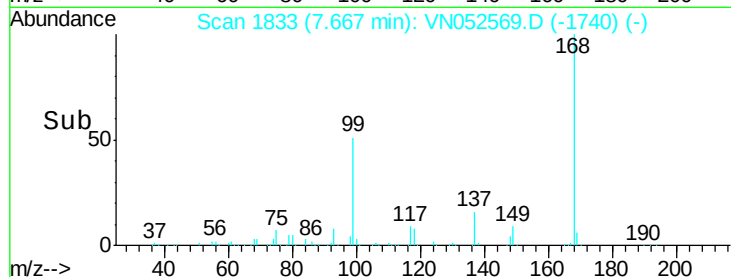
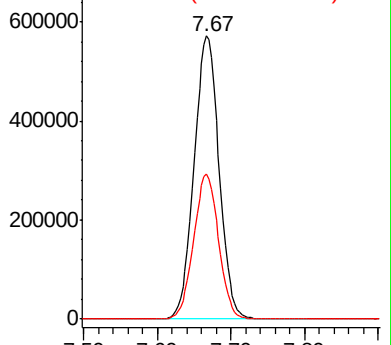
168 100

99 51.3 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 23.323 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052569.D

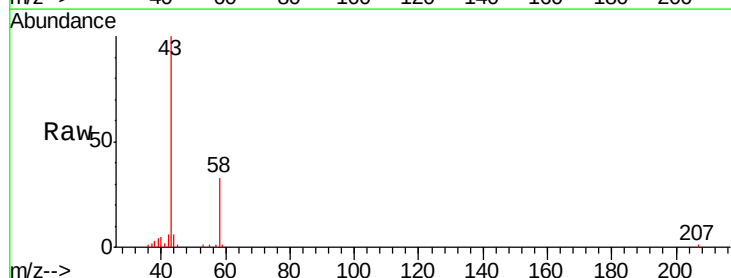
Acq: 29 Nov 2018 17:05

Tgt Ion: 43 Resp: 89841

Ion Ratio Lower Upper

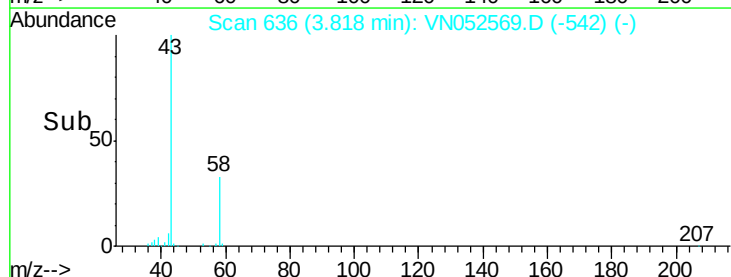
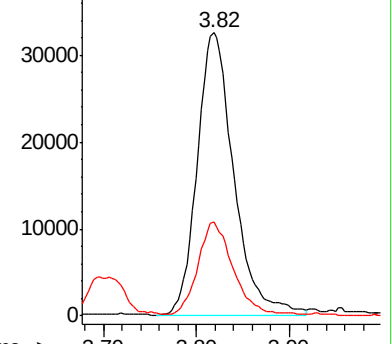
43 100

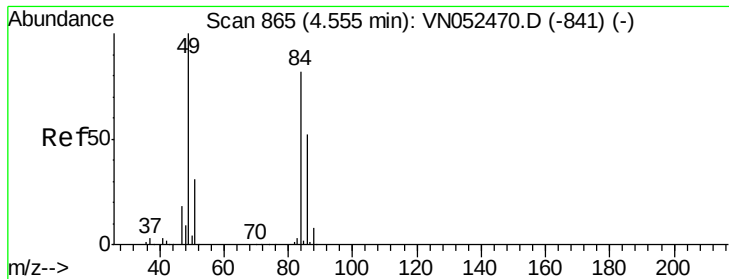
58 32.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

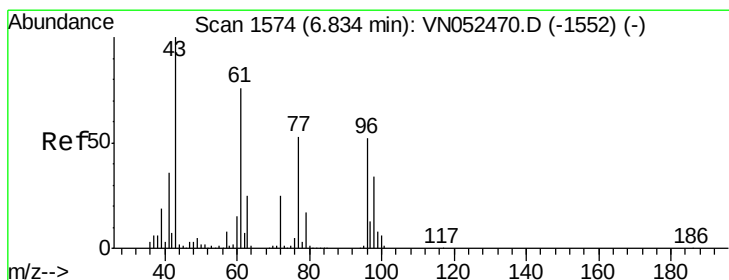
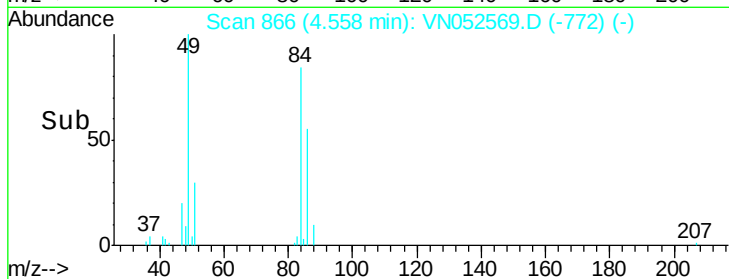
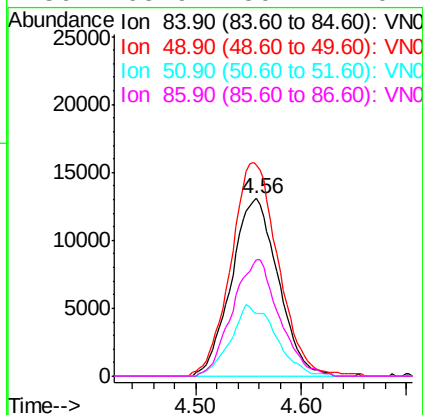
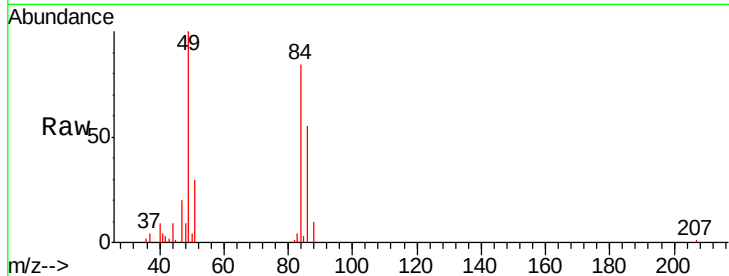




#20
Methylene Chloride
Concen: 2.677 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052569.D
Acq: 29 Nov 2018 17:05

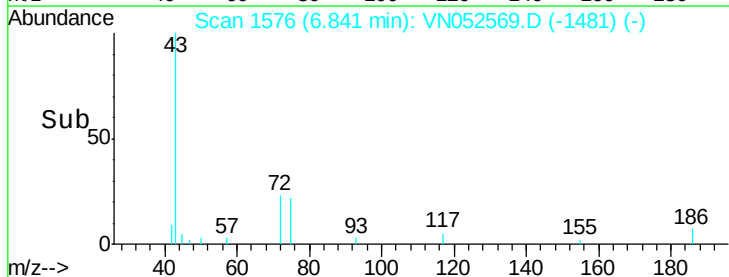
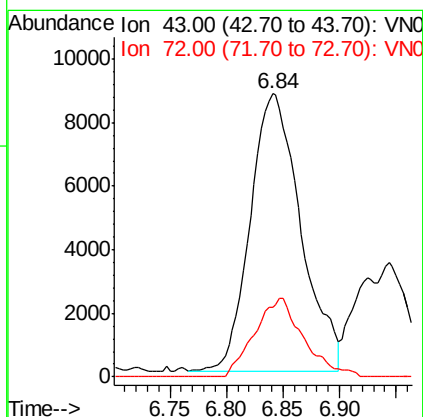
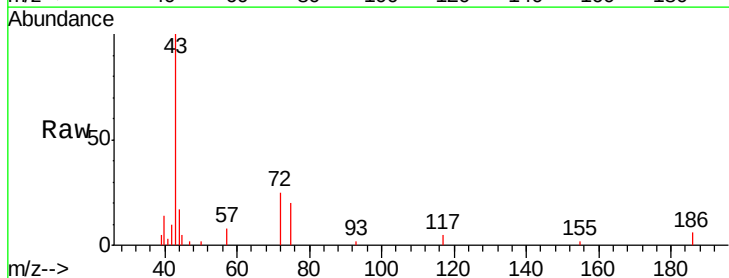
Instrument :
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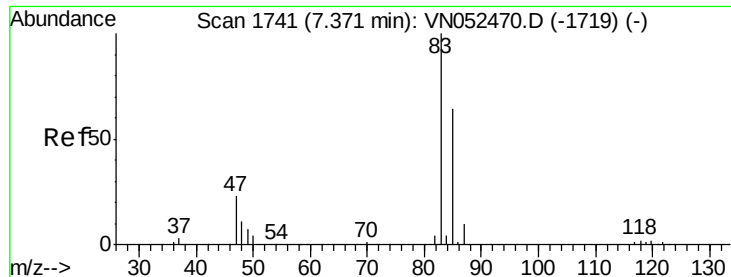
Tgt Ion:	84	Resp:	40357
Ion	Ratio	Lower	Upper
84	100		
49	119.1	98.0	147.0
51	35.4	30.1	45.1
86	65.9	50.7	76.1



#25
2-Butanone
Concen: 4.942 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052569.D
Acq: 29 Nov 2018 17:05

Tgt Ion:	43	Resp:	26985
Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.1	30.1

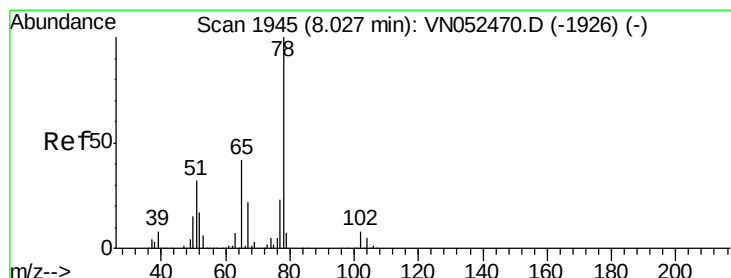
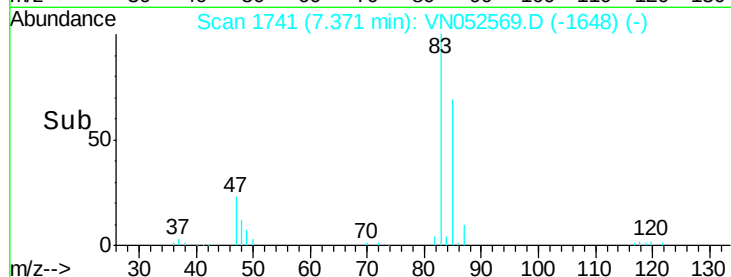
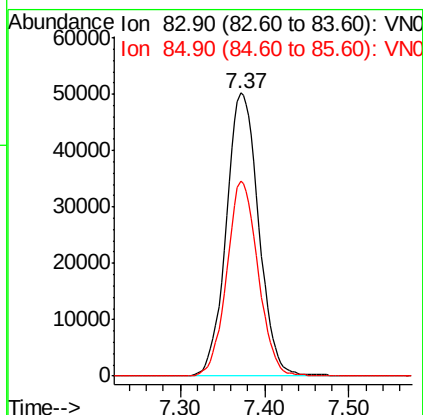
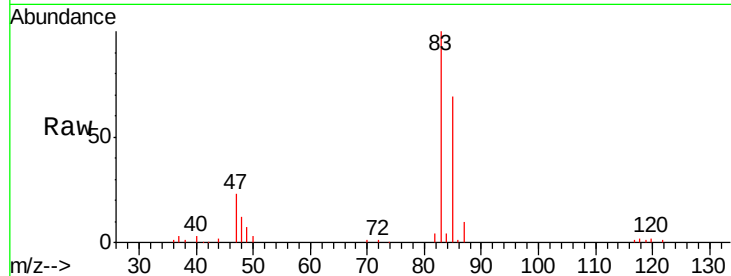




#30
Chloroform
Concen: 5.185 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052569.D
Acq: 29 Nov 2018 17:05

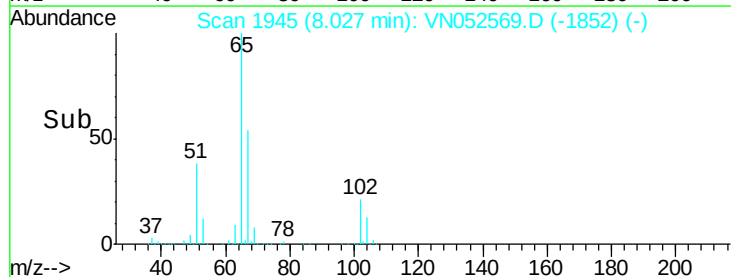
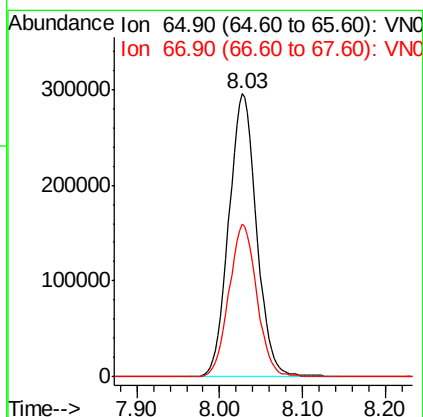
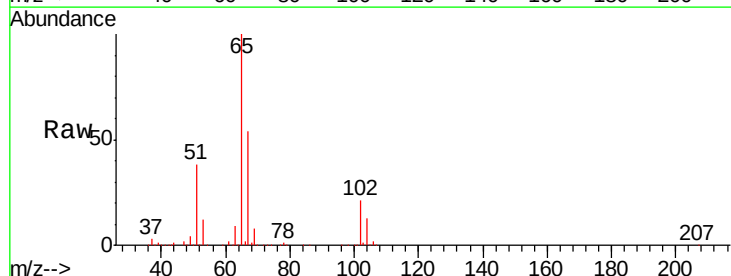
Instrument :
MSVOA_N
ClientSampleId :
CHASIS-WASH

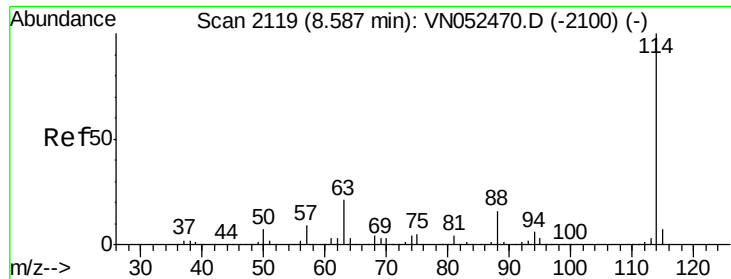
Tgt Ion: 83 Resp: 134366
Ion Ratio Lower Upper
83 100
85 69.0 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052569.D
Acq: 29 Nov 2018 17:05

Tgt Ion: 65 Resp: 688677
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.8

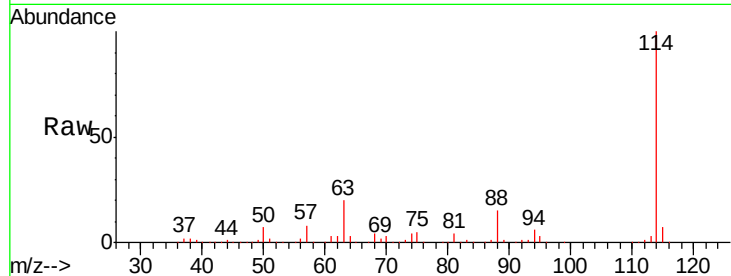




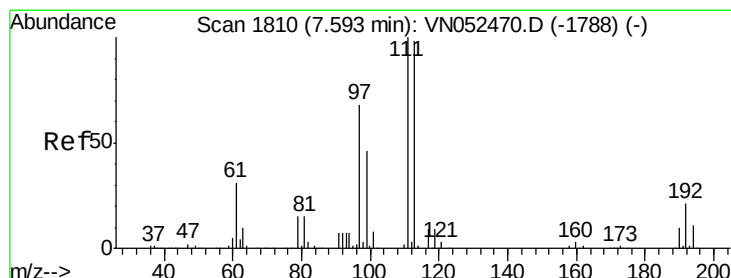
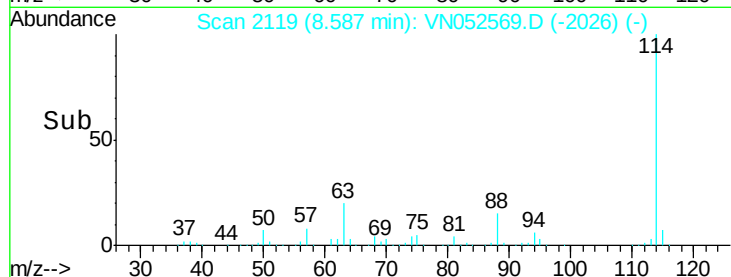
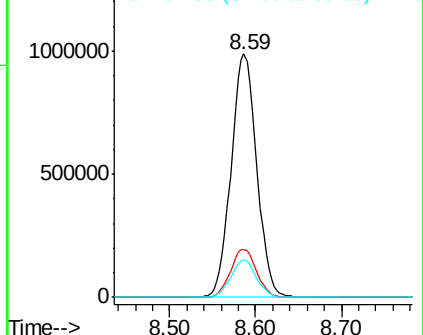
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052569.D
 Acq: 29 Nov 2018 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASIS-WASH

Tgt Ion:114 Resp: 2040732
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.8
 88 15.3 0.0 31.6

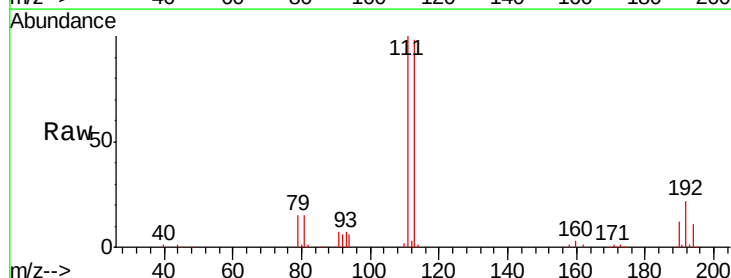


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

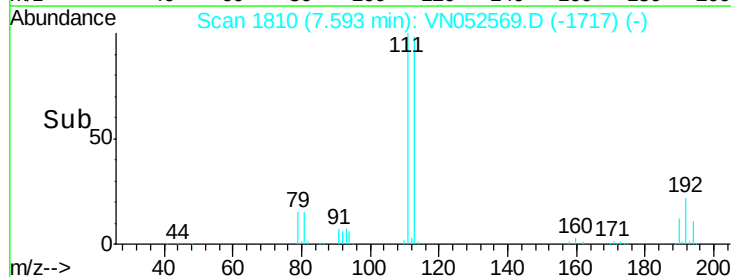
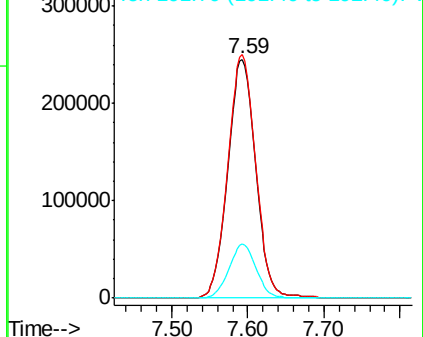


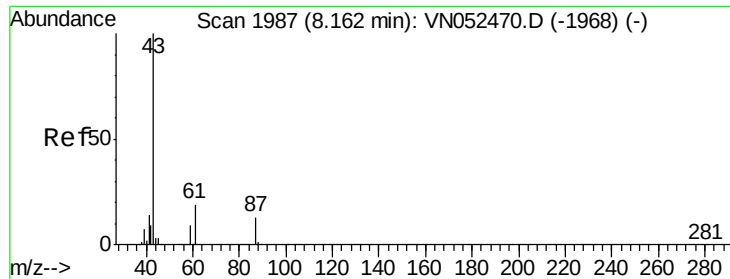
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052569.D
 Acq: 29 Nov 2018 17:05

Tgt Ion:113 Resp: 626504
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 22.2 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 2.322 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052569.D

Acq: 29 Nov 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CHASIS-WASH

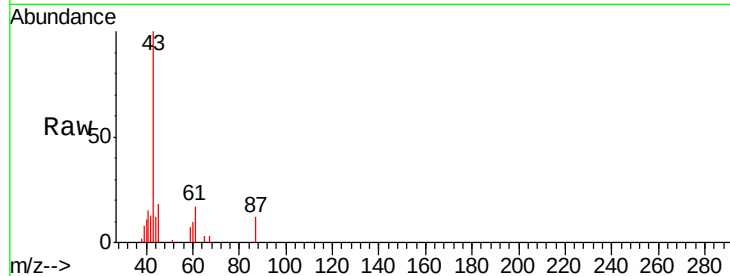
Tgt Ion: 43 Resp: 46217

Ion Ratio Lower Upper

43 100

61 15.7 24.1 36.1#

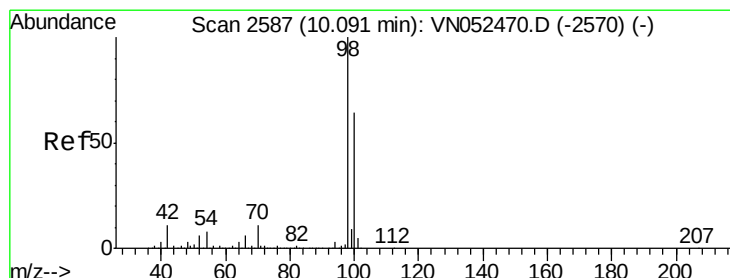
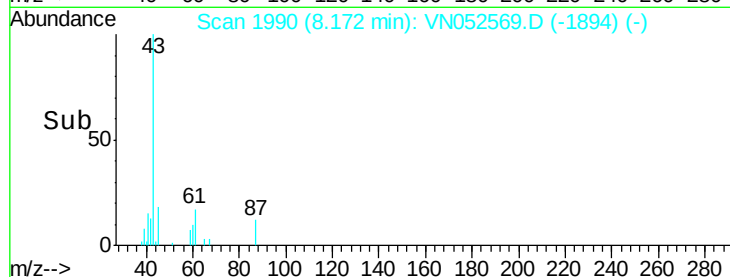
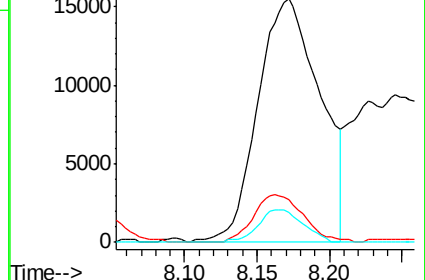
87 9.6 10.6 15.8#



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

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

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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052569.D

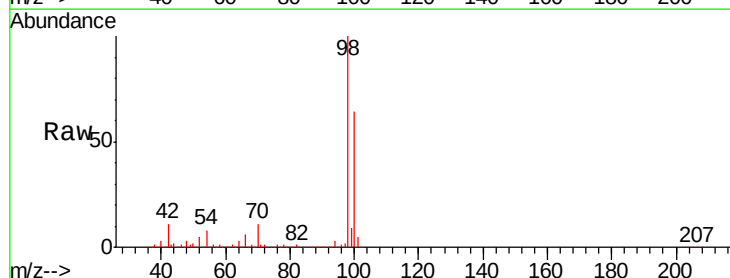
Acq: 29 Nov 2018 17:05

Tgt Ion: 98 Resp: 2466995

Ion Ratio Lower Upper

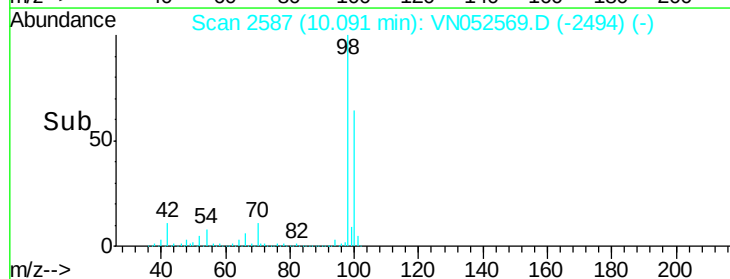
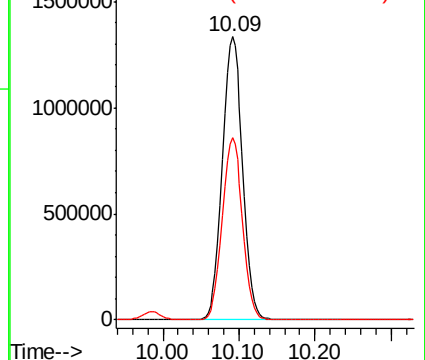
98 100

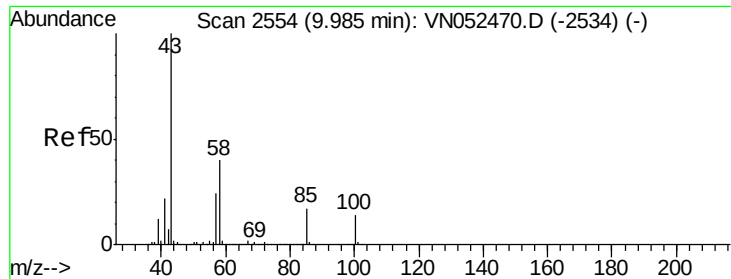
100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

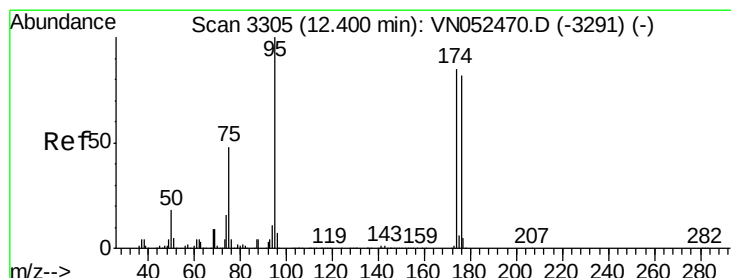
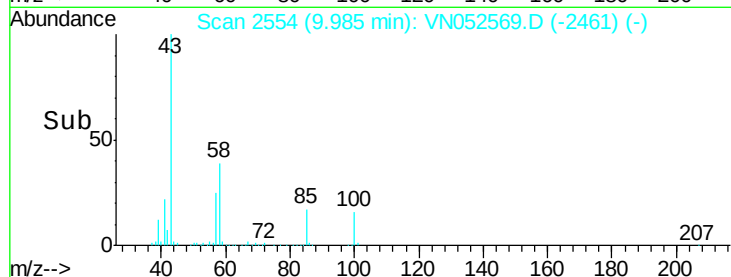
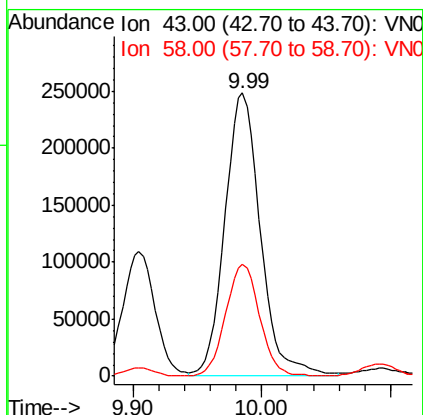
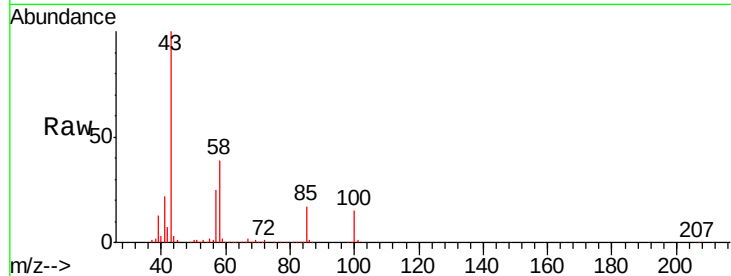




#51
 4-Methyl-2-Pentanone
 Concen: 42.348 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN052569.D
 Acq: 29 Nov 2018 17:05

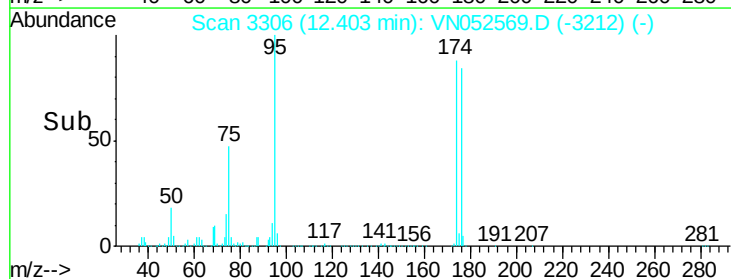
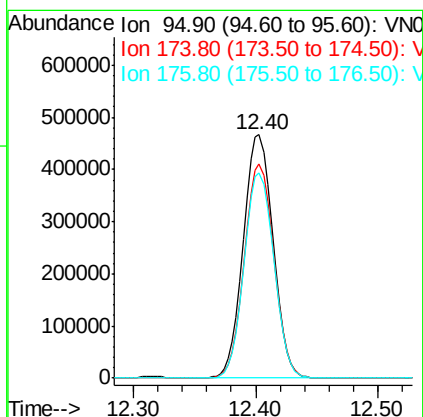
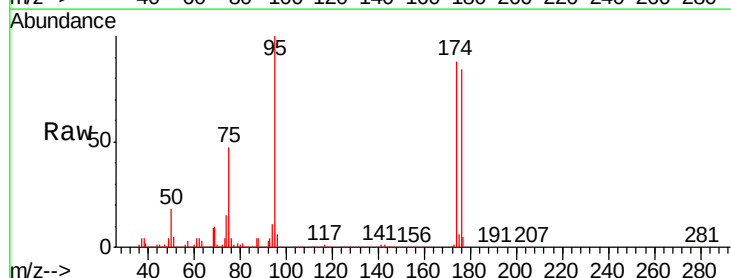
Instrument :
 MSVOA_N
 ClientSampled :
 CHASIS-WASH

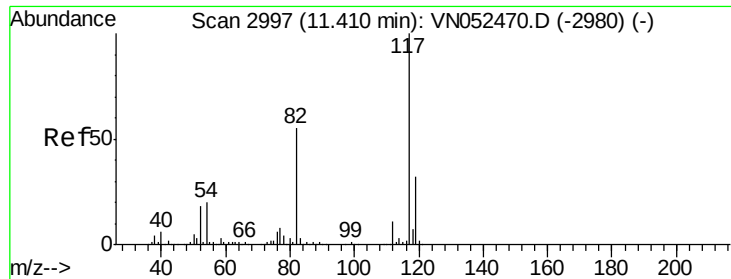
Tgt Ion: 43 Resp: 472903
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.5 47.3



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052569.D
 Acq: 29 Nov 2018 17:05

Tgt Ion: 95 Resp: 784095
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 173.0
 176 84.4 0.0 166.2

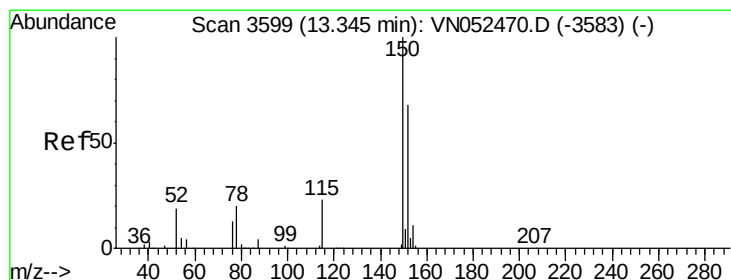
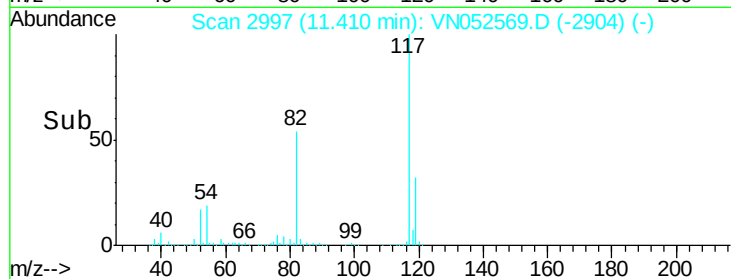
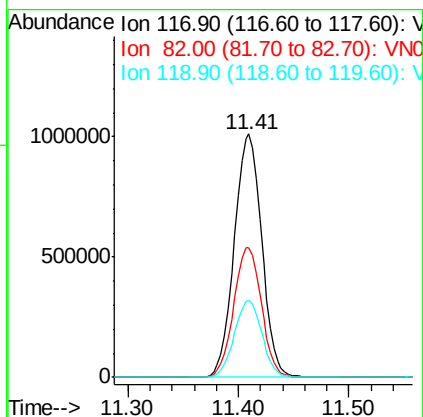
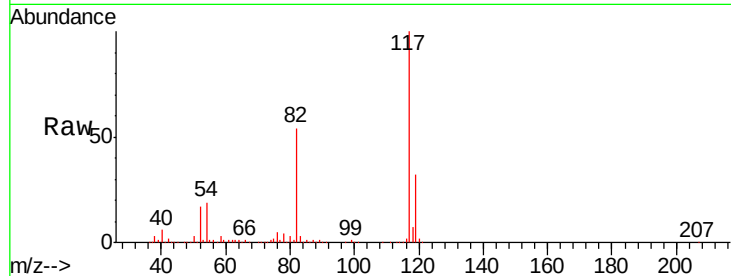




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052569.D
Acq: 29 Nov 2018 17:05

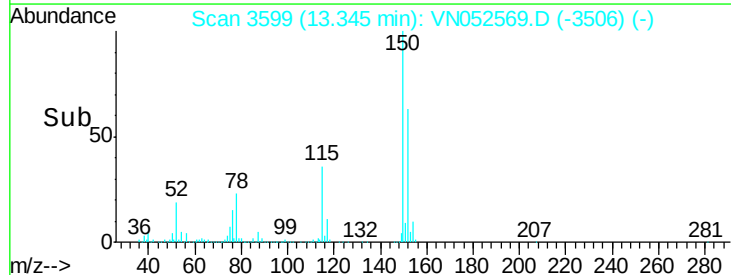
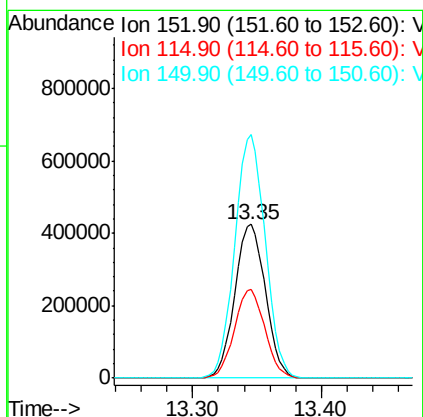
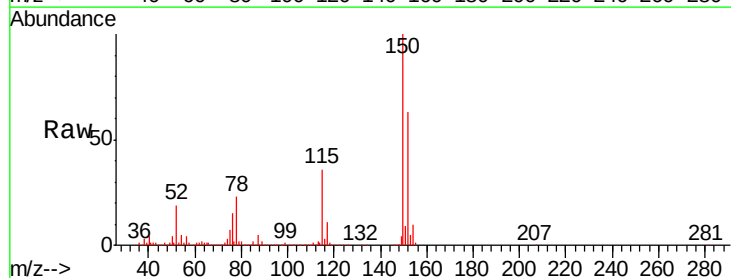
Instrument :
MSVOA_N
ClientSampled :
CHASIS-WASH

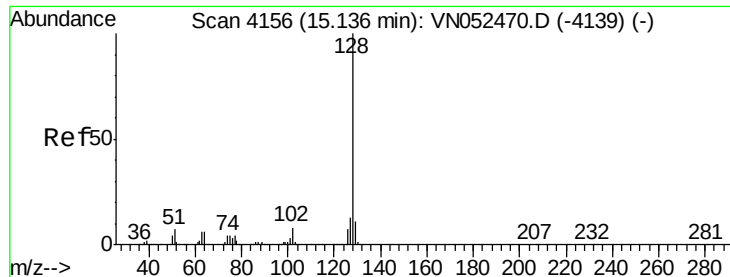
Tgt Ion:117 Resp: 1744937
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052569.D
Acq: 29 Nov 2018 17:05

Tgt Ion:152 Resp: 701495
Ion Ratio Lower Upper
152 100
115 57.2 28.4 85.2
150 157.6 0.0 346.0





#95

Naphthalene

Concen: 4.135 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052569.D

Acq: 29 Nov 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

CHASIS-WASH

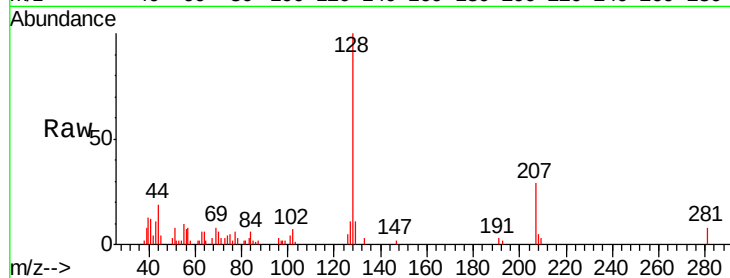
Tgt Ion:128 Resp: 20045

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.2

129 10.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

