

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053152.D
 Acq On : 23 Dec 2018 00:46
 Operator : MD\SY
 Sample : J6446-04ME 10X
 Misc : 4.55g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS026-0612-01ME

Quant Time: Dec 24 04:22:09 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

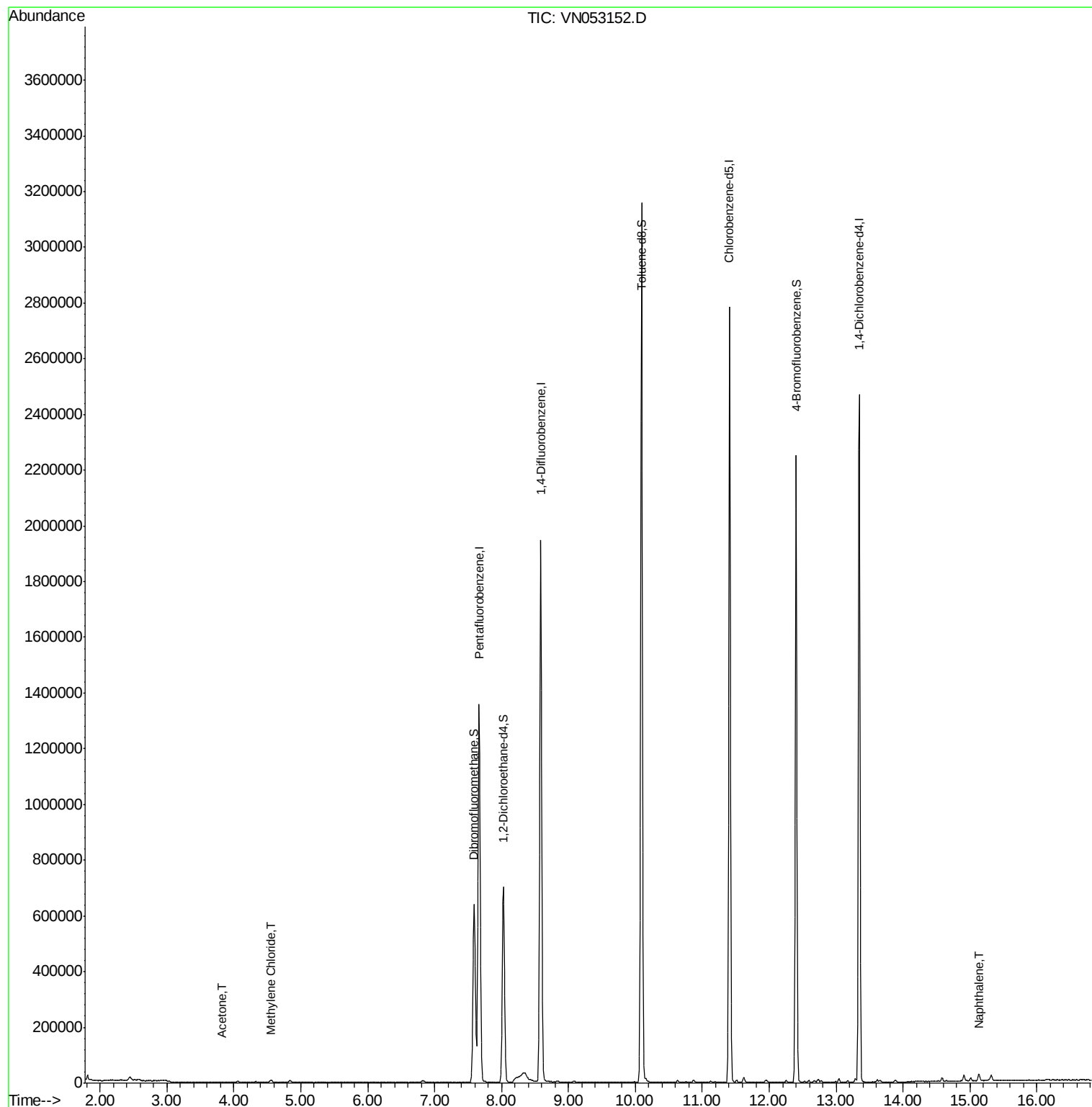
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1201575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1831663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1690609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	713993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	579749	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	7.59	113	495513	59.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.44%	
50) Toluene-d8	10.09	98	2271250	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	781630	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
Target Compounds						
16) Acetone	3.82	43	2882	1.205	ug/l	89
20) Methylene Chloride	4.55	84	7032	0.539	ug/l	93
95) Naphthalene	15.13	128	22893	1.943	ug/l	100

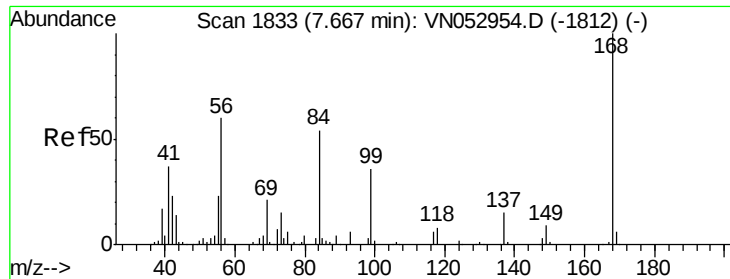
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

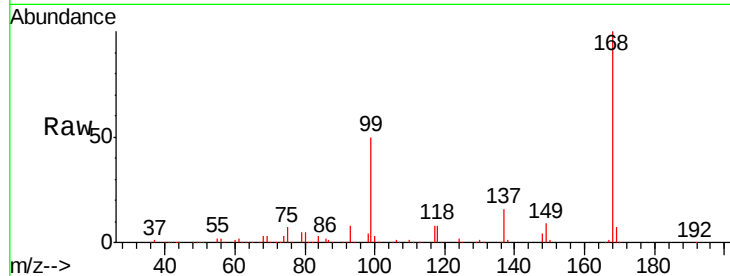
P001-SS026-0612-01ME

Tgt Ion:168 Resp: 1201575

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053152.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053152.D (-1740) (-)

7.66

500000

400000

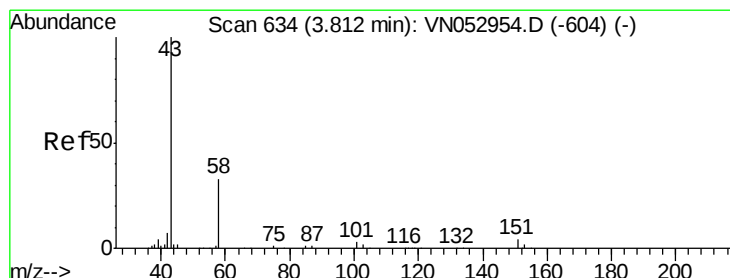
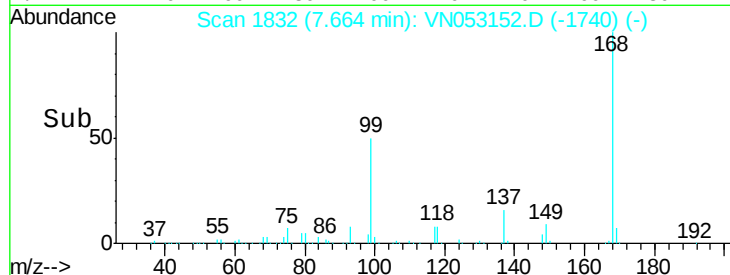
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.205 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053152.D

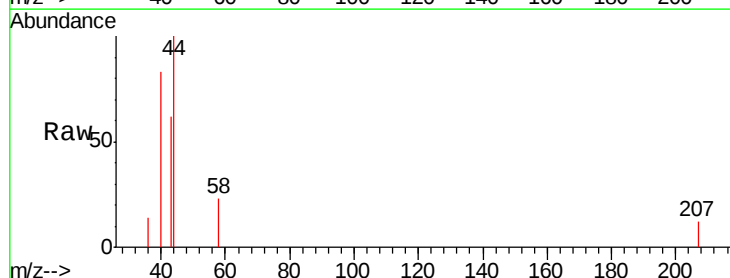
Acq: 23 Dec 2018 00:46

Tgt Ion: 43 Resp: 2882

Ion Ratio Lower Upper

43 100

58 38.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053152.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053152.D (-541) (-)

3.82

800

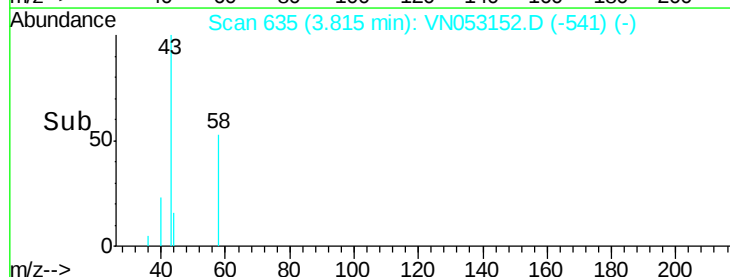
600

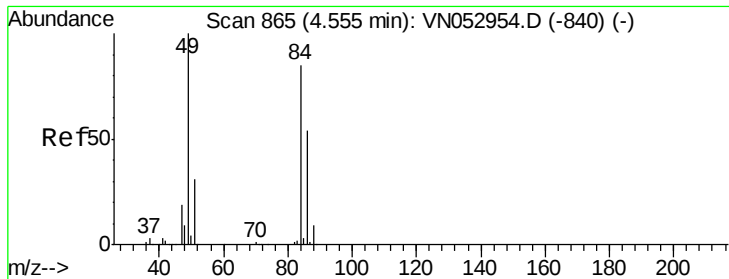
400

200

0

Time-->





#20

Methylene Chloride

Concen: 0.539 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-0612-01ME

Tgt Ion: 84 Resp: 7032

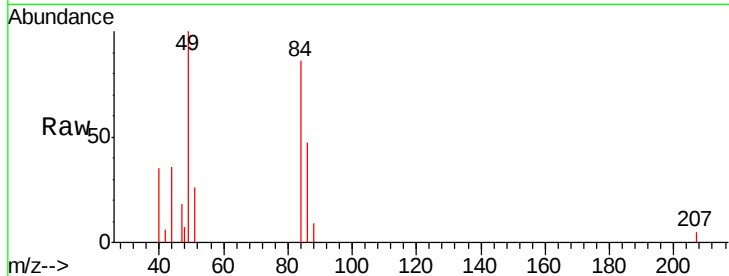
Ion Ratio Lower Upper

84 100

49 116.5 96.8 145.2

51 30.8 29.9 44.9

86 55.3 51.8 77.6

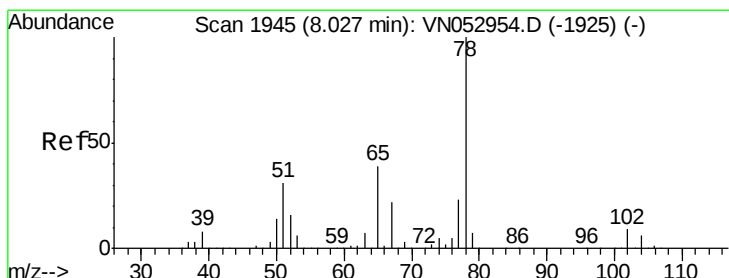
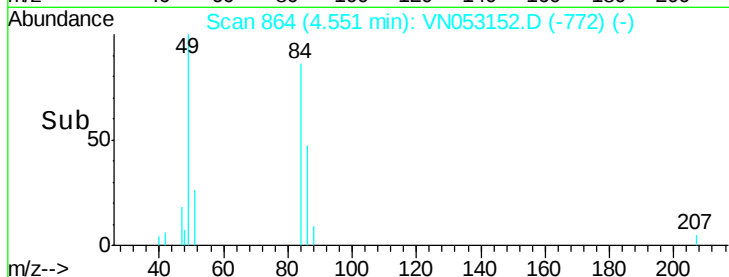
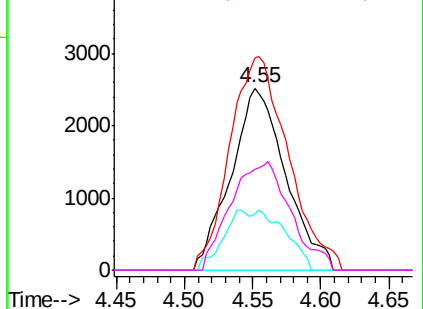


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053152.D

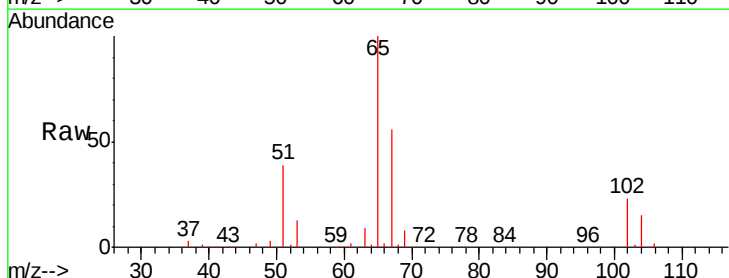
Acq: 23 Dec 2018 00:46

Tgt Ion: 65 Resp: 579749

Ion Ratio Lower Upper

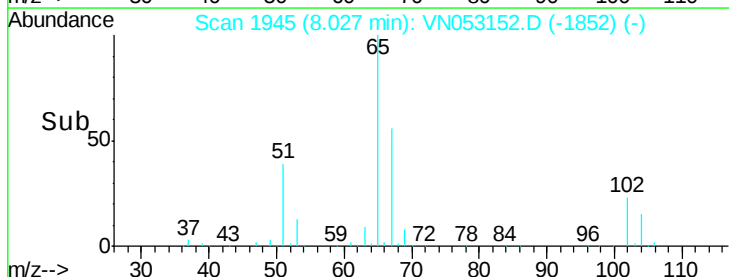
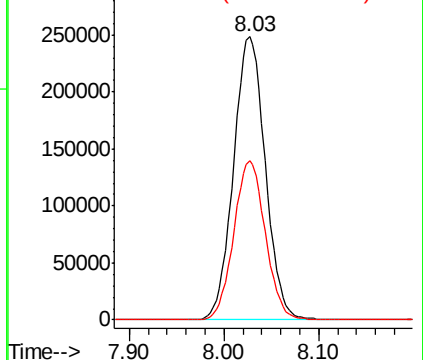
65 100

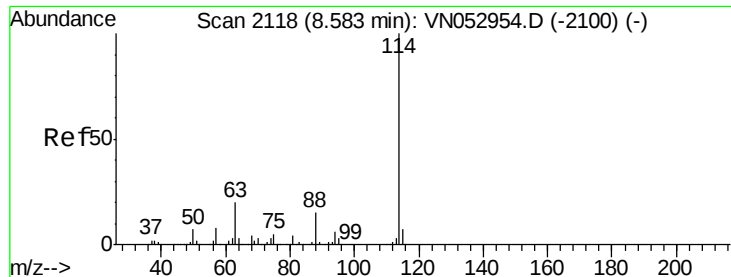
67 55.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

P001-SS026-0612-01ME

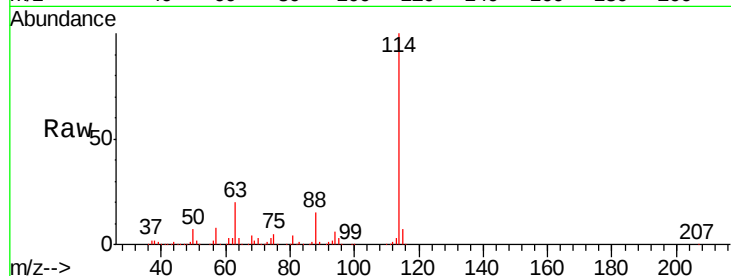
Tgt Ion:114 Resp: 1831663

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

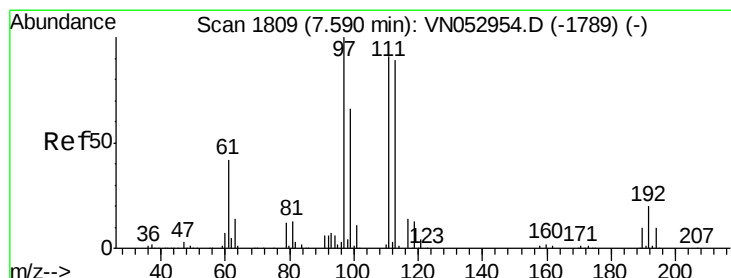
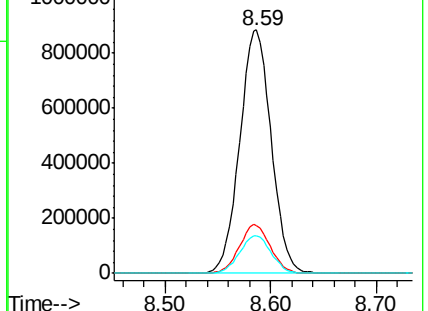
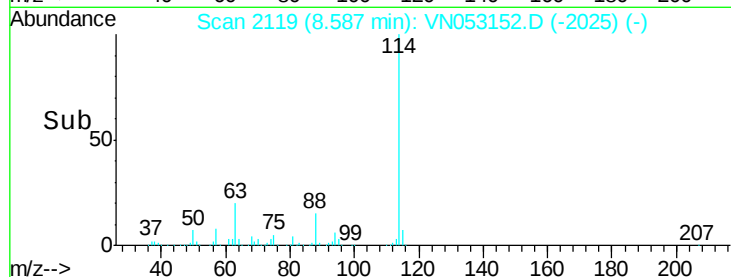
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

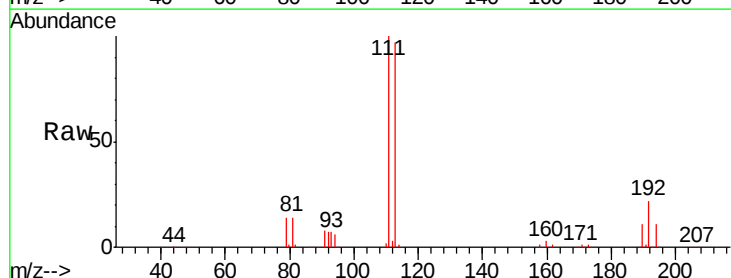
Tgt Ion:113 Resp: 495513

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

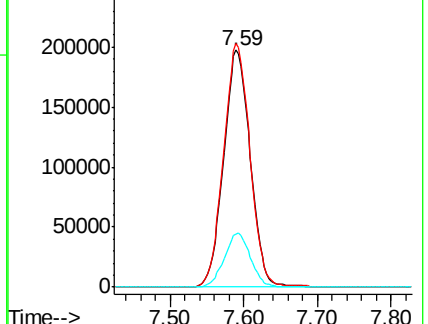
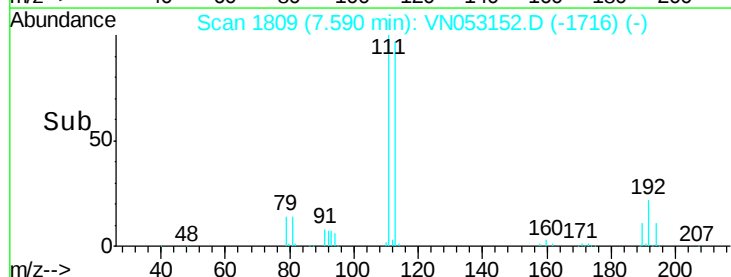
192 22.3 17.5 26.3

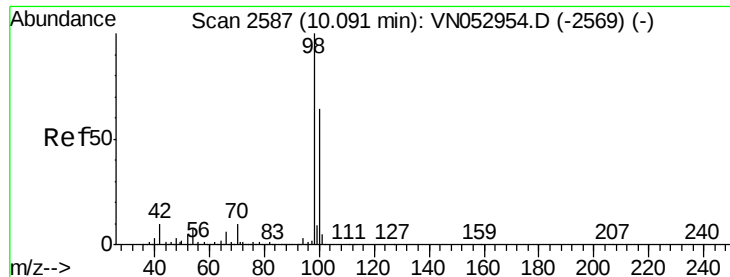


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

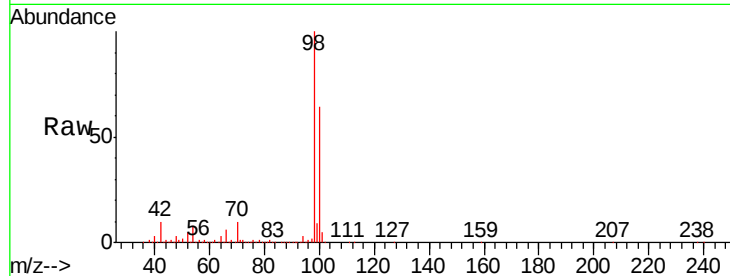
P001-SS026-0612-01ME

Tgt Ion: 98 Resp: 2271250

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053152.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053152.D (-2494) (-)

10.09

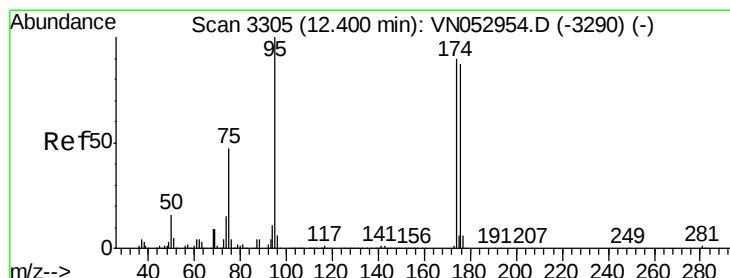
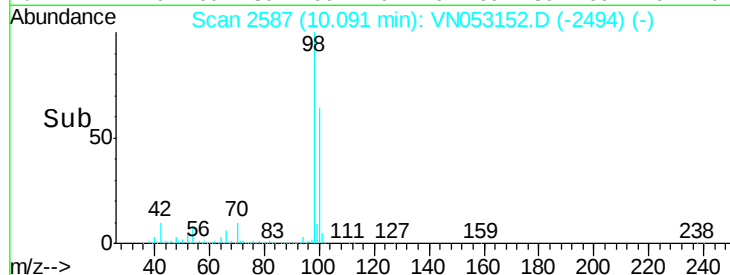
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053152.D

Acq: 23 Dec 2018 00:46

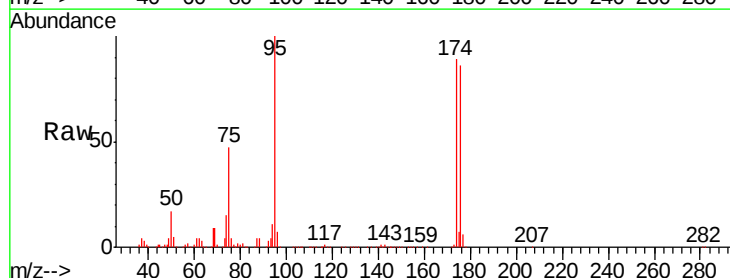
Tgt Ion: 95 Resp: 781630

Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.8

176 86.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053152.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053152.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053152.D (-3212) (-)

12.40

600000

500000

400000

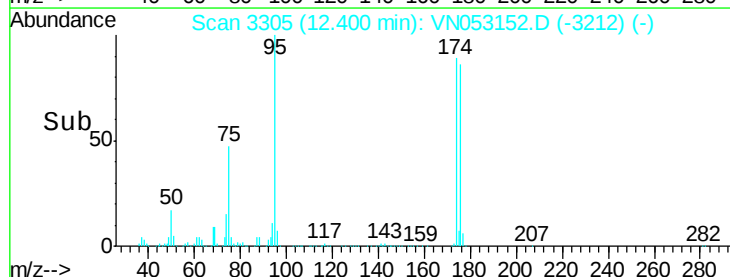
300000

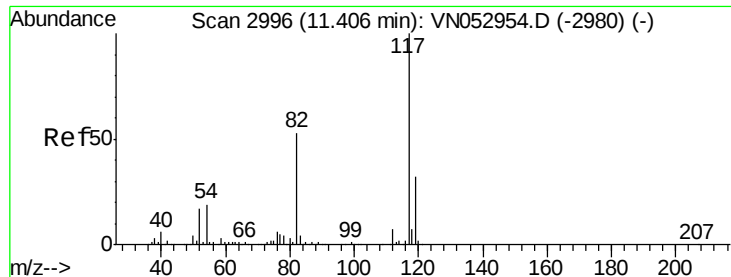
200000

100000

0

Time-->

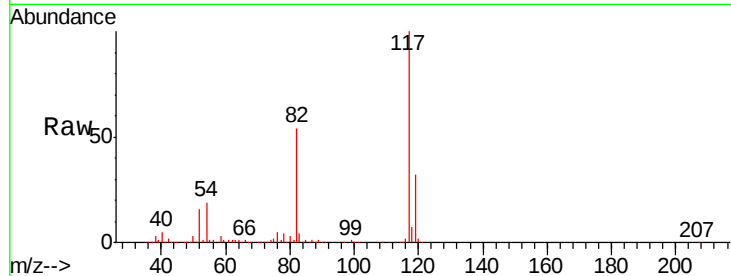




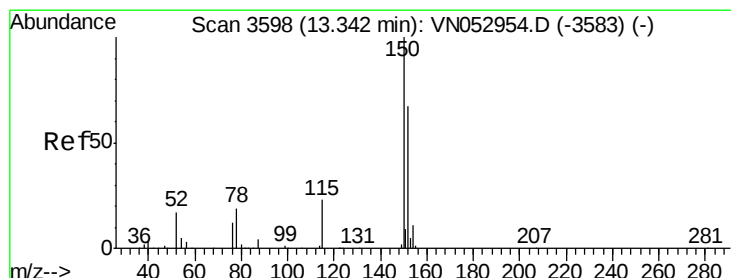
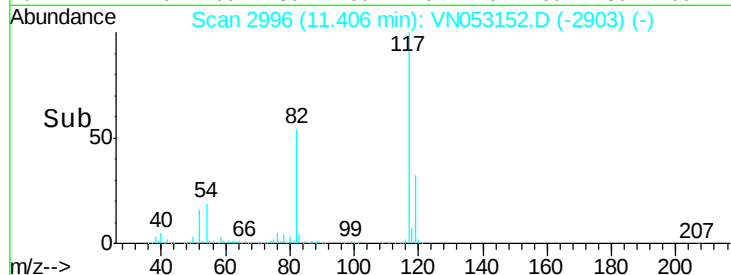
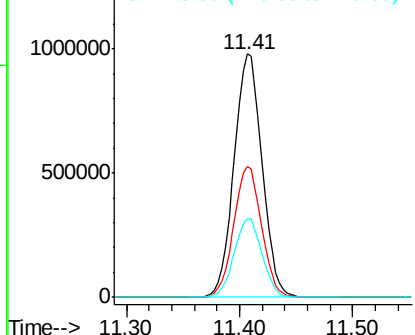
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053152.D
Acq: 23 Dec 2018 00:46

Instrument :
MSVOA_N
ClientSampleId :
P001-SS026-0612-01ME

Tgt Ion:117 Resp: 1690609
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 32.4 25.5 38.3

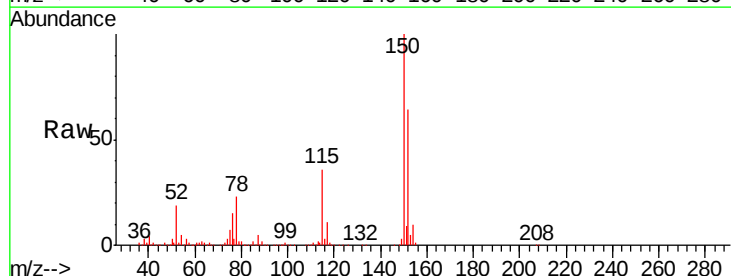


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

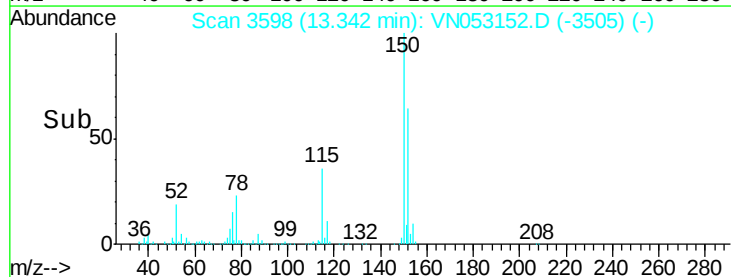
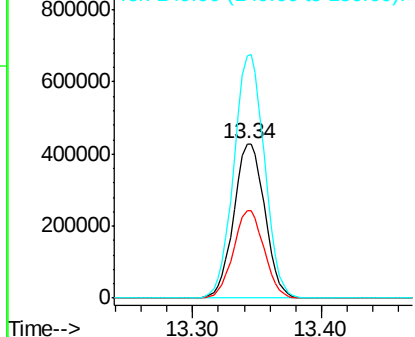


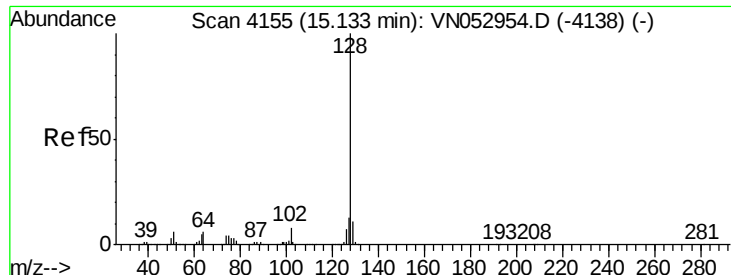
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053152.D
Acq: 23 Dec 2018 00:46

Tgt Ion:152 Resp: 713993
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 156.3 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

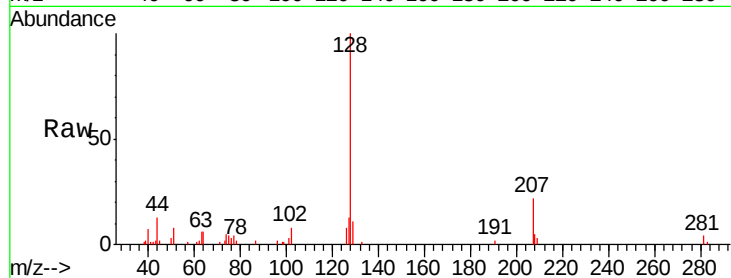




#95
Naphthalene
Concen: 1.943 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053152.D
Acq: 23 Dec 2018 00:46

Instrument :
MSVOA_N
ClientSampleId :
P001-SS026-0612-01ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	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

