

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056385.D
 Acq On : 19 Jun 2019 14:33
 Operator : JC/SP
 Sample : K3432-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1

Quant Time: Jun 21 04:13:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

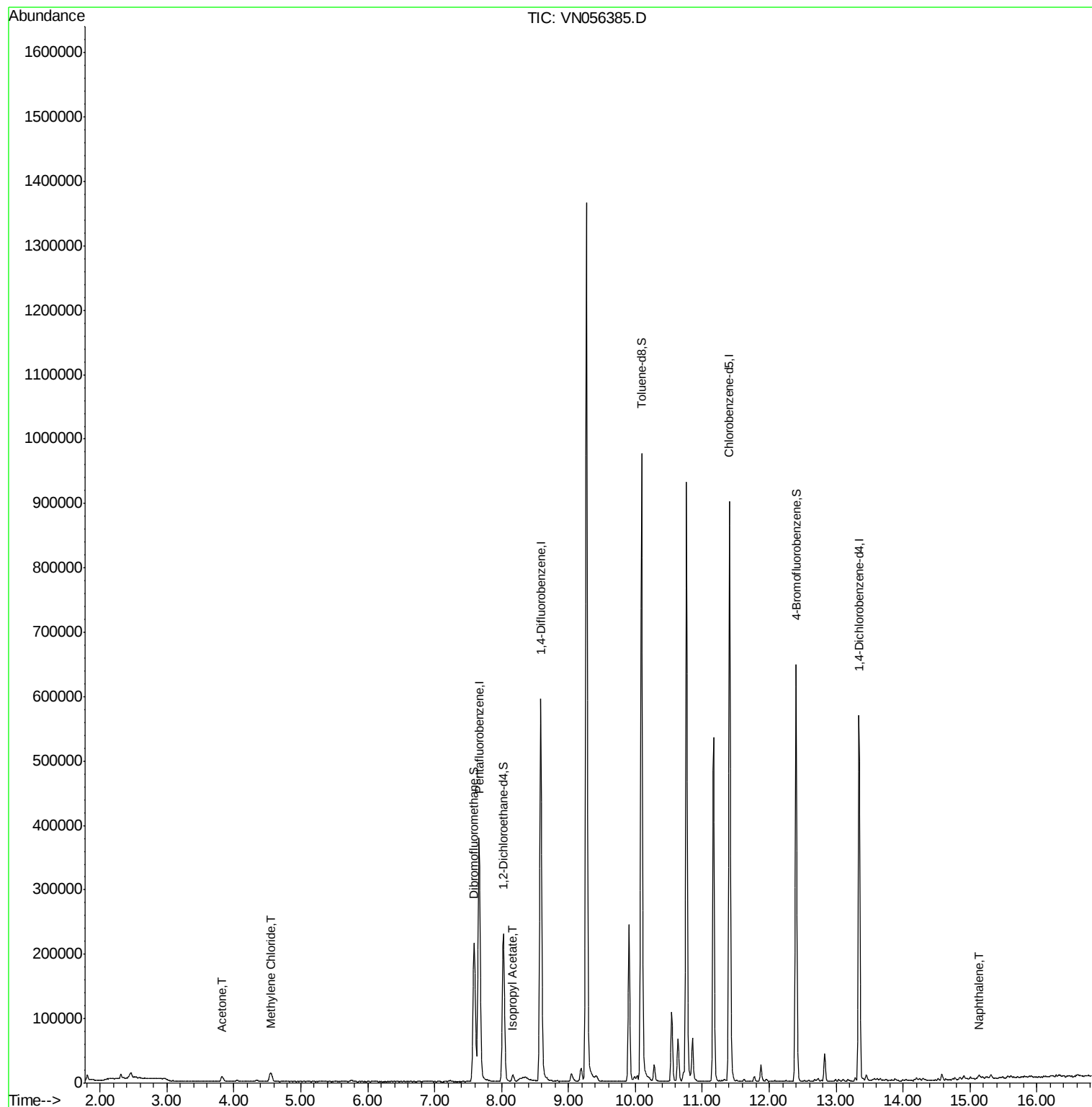
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	345507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	582340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	193483	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
35) Dibromofluoromethane	7.59	113	167320	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
50) Toluene-d8	10.09	98	725301	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.40	95	229385	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
Target Compounds						
16) Acetone	3.82	43	14203	7.403	ug/l	99
20) Methylene Chloride	4.55	84	10597	2.077	ug/l	93
43) Isopropyl Acetate	8.17	43	12891	1.660	ug/l #	82
95) Naphthalene	15.14	128	6566	6.005	ug/l #	95

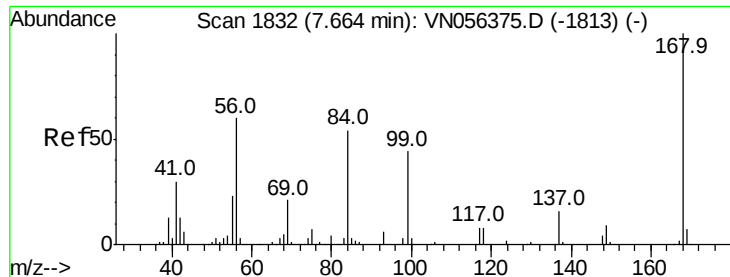
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056385.D

Acq: 19 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

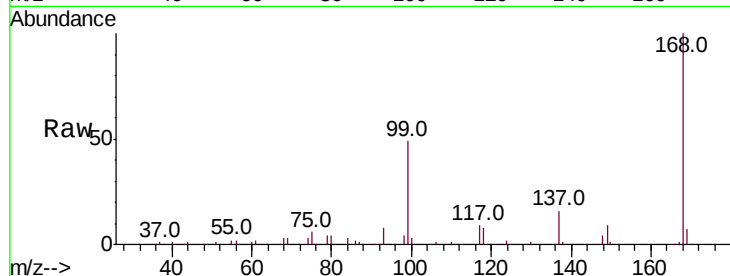
DRUM-1

Tot Ion:168 Resp: 345507

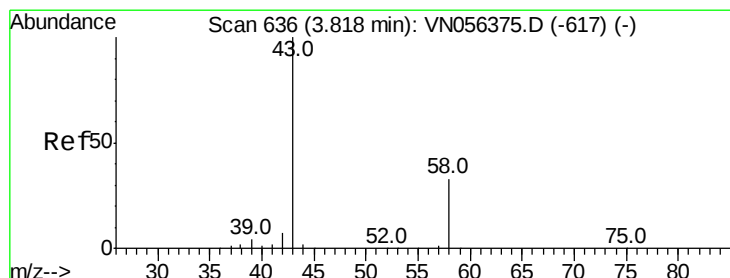
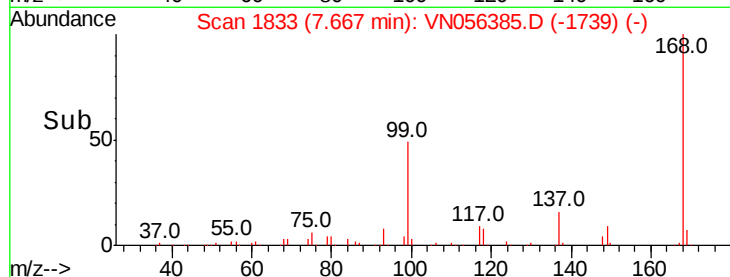
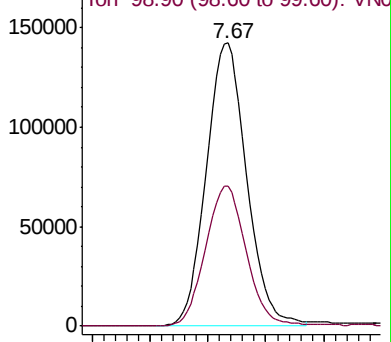
Ion Ratio Lower Upper

168 100

99 49.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)



#16

Acetone

Concen: 7.403 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056385.D

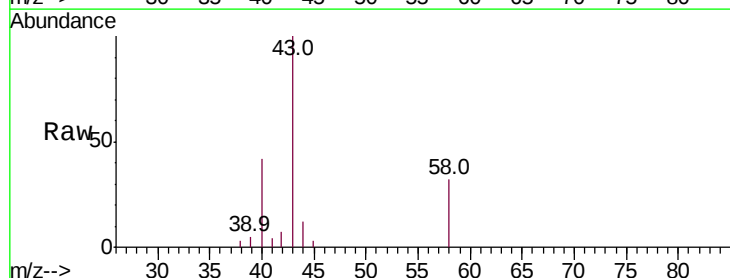
Acq: 19 Jun 2019 14:33

Tgt Ion: 43 Resp: 14203

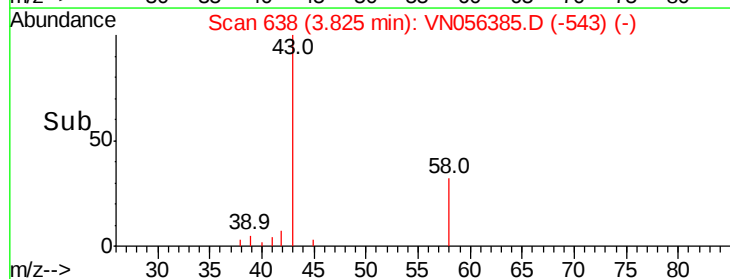
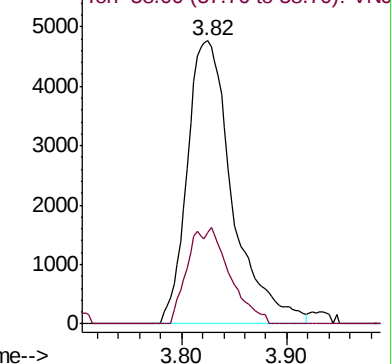
Ion Ratio Lower Upper

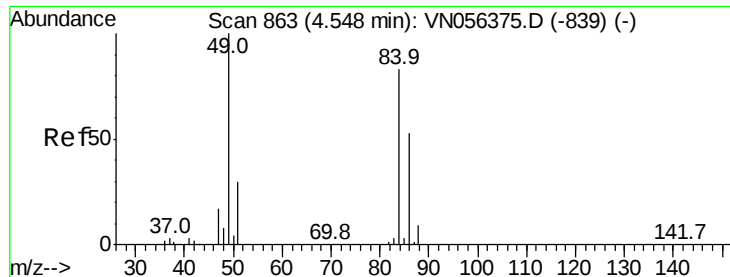
43 100

58 32.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-617) (-)

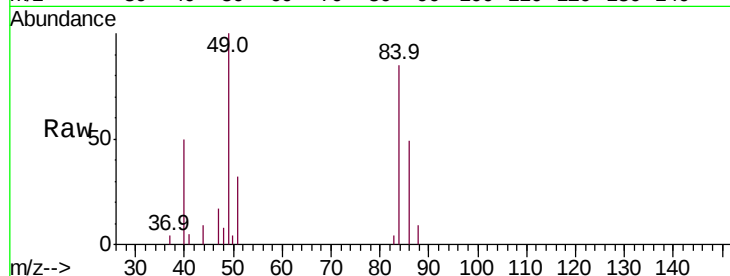




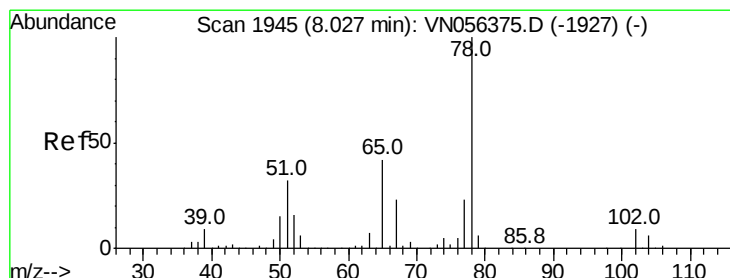
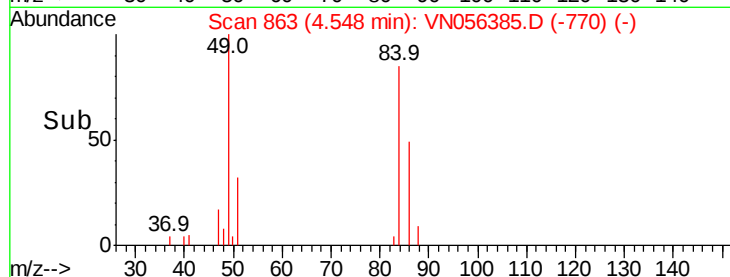
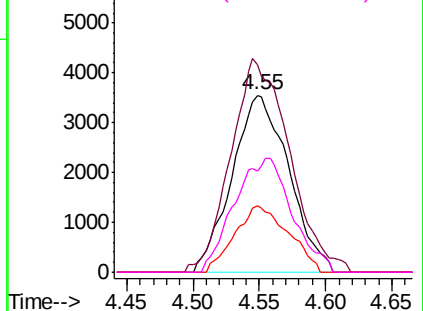
#20
Methvlene Chloride
Concen: 2.077 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056385.D
Acq: 19 Jun 2019 14:33

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1

Tot Ion:	84	Resp:	10597
Ion	Ratio	Lower	Upper
84	100		
49	112.9	96.4	144.6
51	37.6	28.6	43.0
86	57.4	51.4	77.2

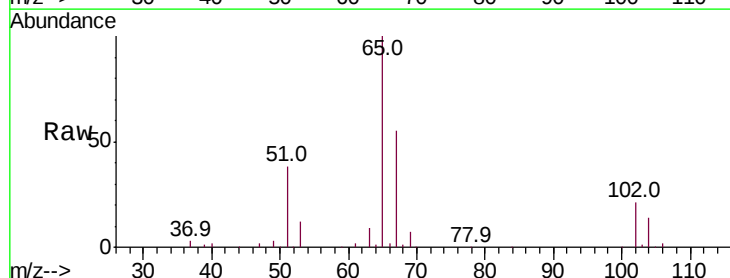


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

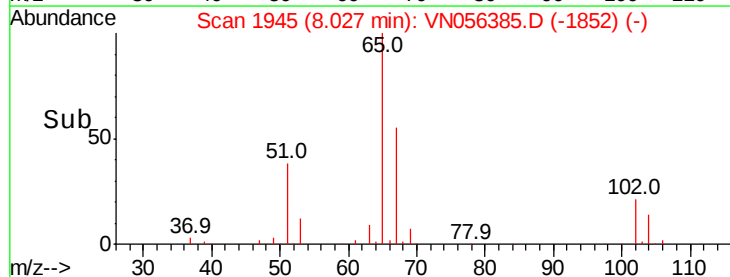
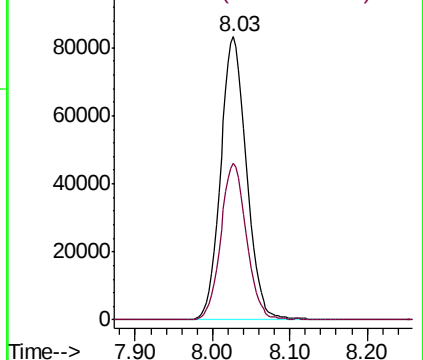


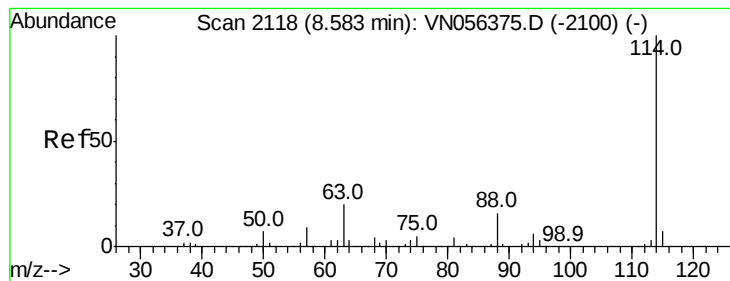
#33
1,2-Dichloroethane-d4
Concen: 50.527 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056385.D
Acq: 19 Jun 2019 14:33

Tgt Ion:	65	Resp:	193483
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.0



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: VN056385.D

Acq: 19 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

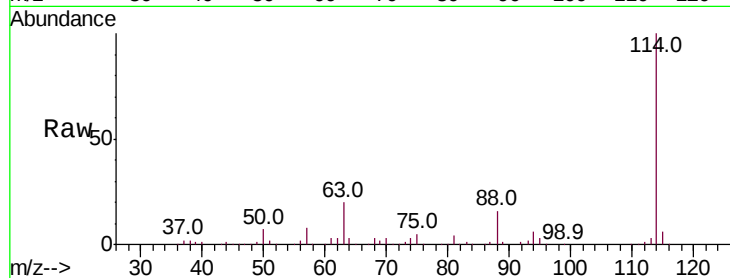
Tot Ion:114 Resp: 582340

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

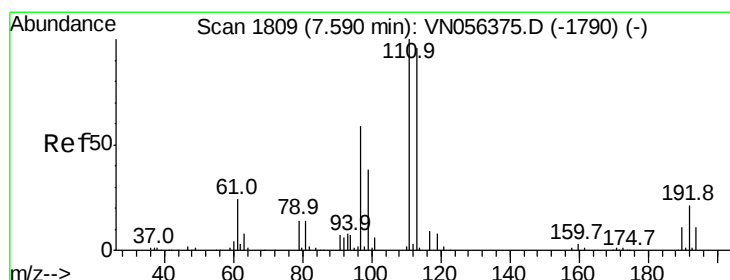
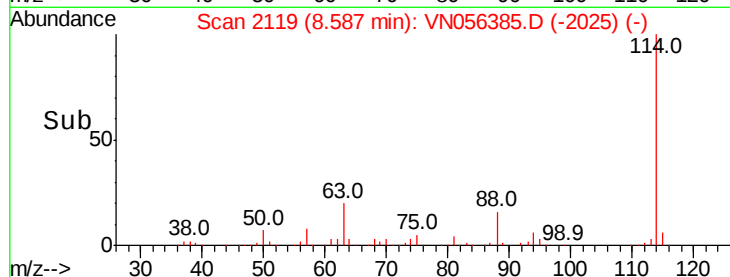
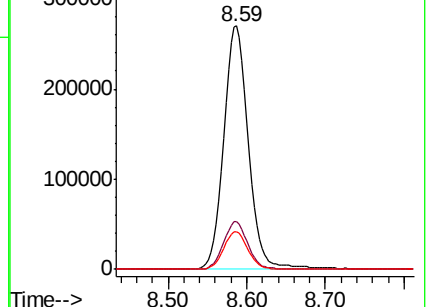
88 15.5 0.0 31.4



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: 46.058 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056385.D

Acq: 19 Jun 2019 14:33

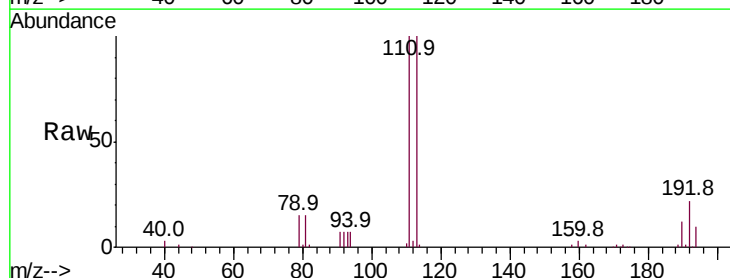
Tgt Ion:113 Resp: 167320

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

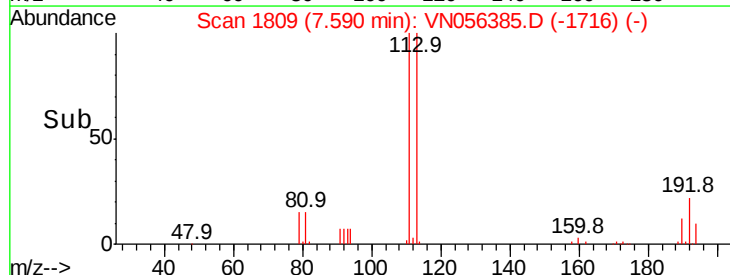
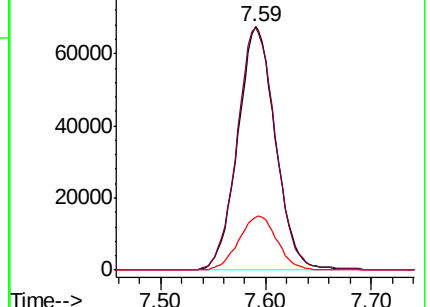
192 22.5 17.7 26.5

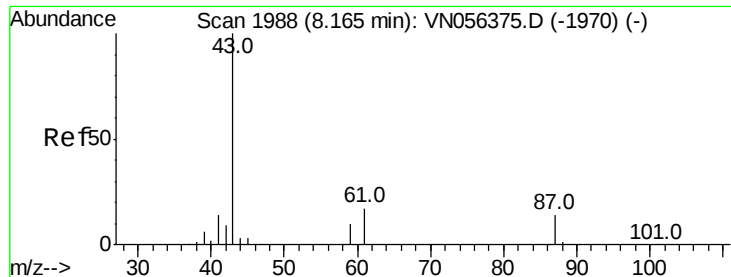


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.660 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056385.D

Acq: 19 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

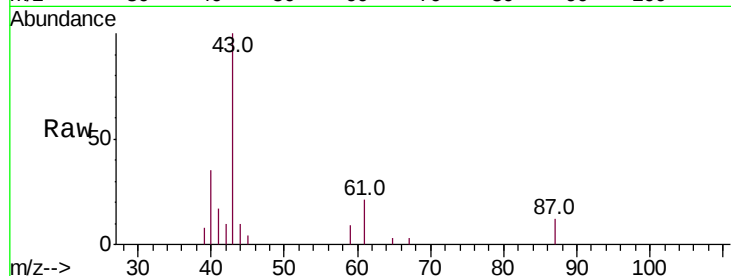
Tot Ion: 43 Resp: 12891

Ion Ratio Lower Upper

43 100

61 19.1 22.0 33.0#

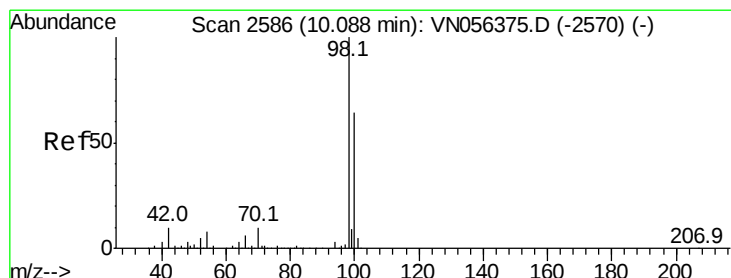
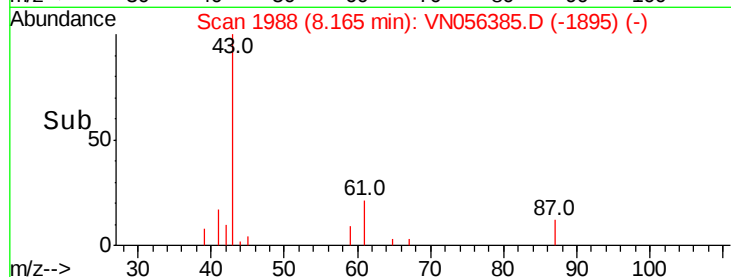
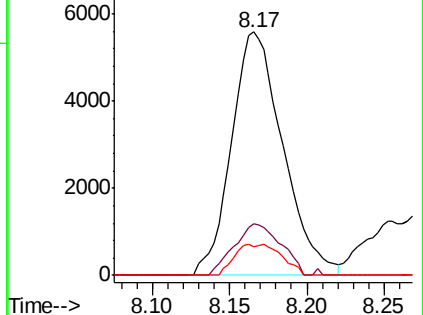
87 5.1 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.310 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056385.D

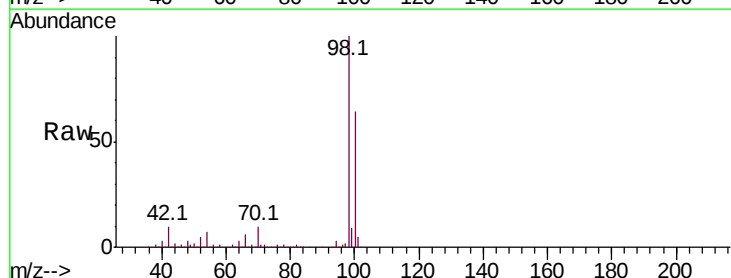
Acq: 19 Jun 2019 14:33

Tgt Ion: 98 Resp: 725301

Ion Ratio Lower Upper

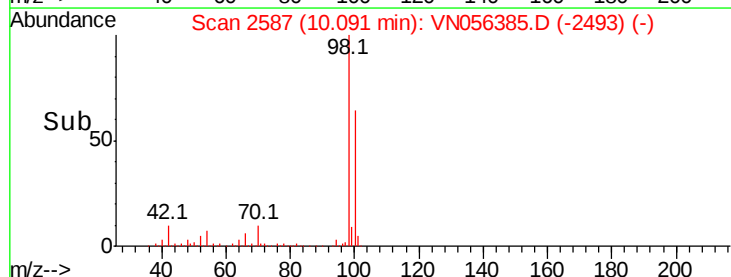
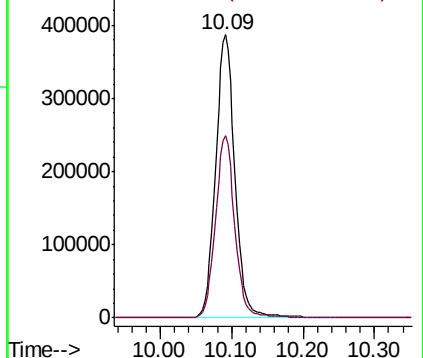
98 100

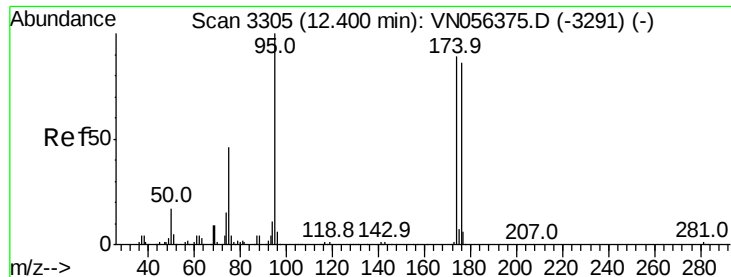
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.679 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056385.D

Acq: 19 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

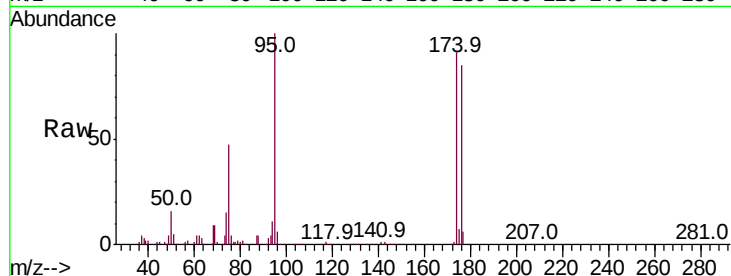
Tot Ion: 95 Resp: 229385

Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.4

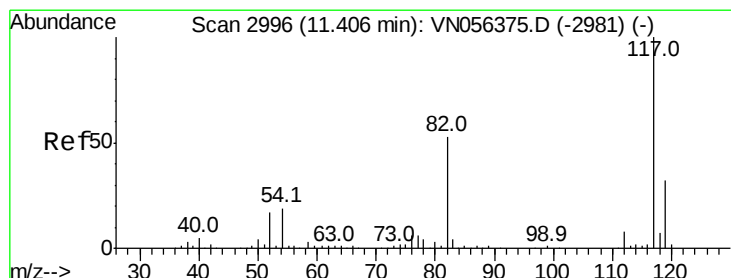
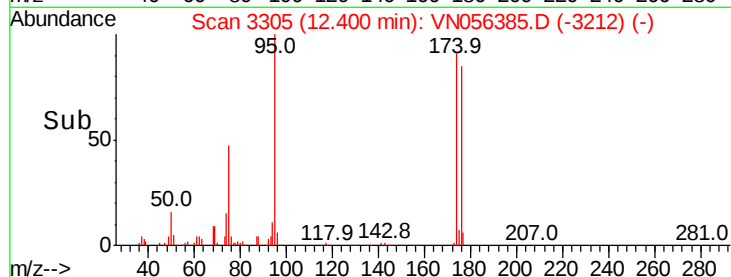
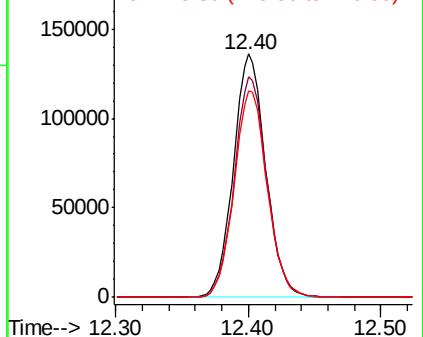
176 87.0 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056385.D

Acq: 19 Jun 2019 14:33

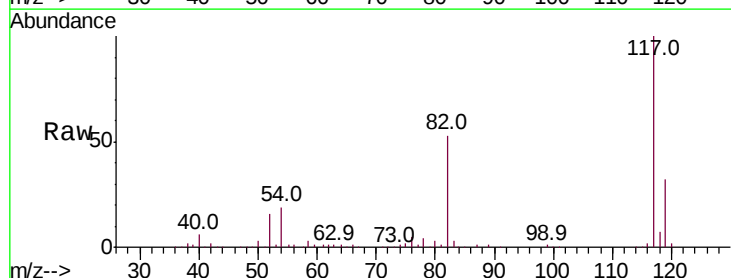
Tgt Ion: 117 Resp: 570266

Ion Ratio Lower Upper

117 100

82 53.0 42.0 63.0

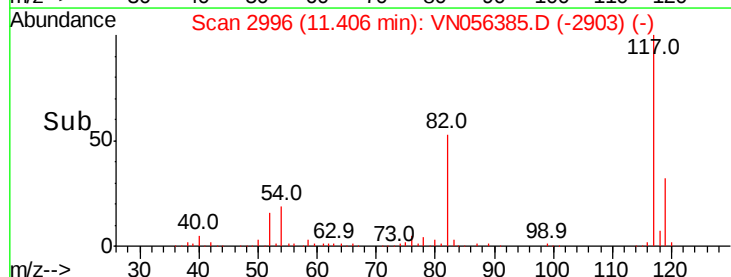
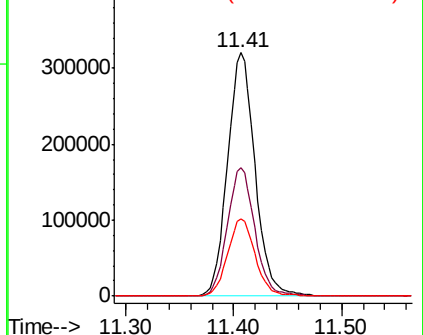
119 31.8 25.3 37.9

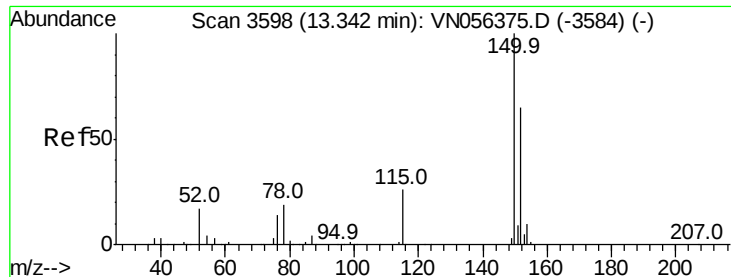


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056385.D

Acq: 19 Jun 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1

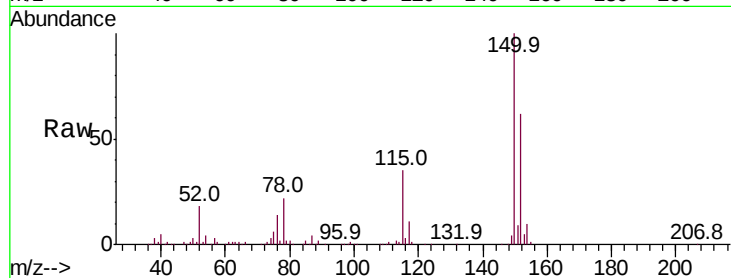
Tot Ion:152 Resp: 169012

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.4

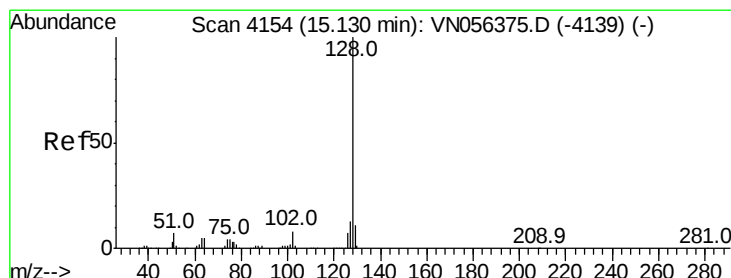
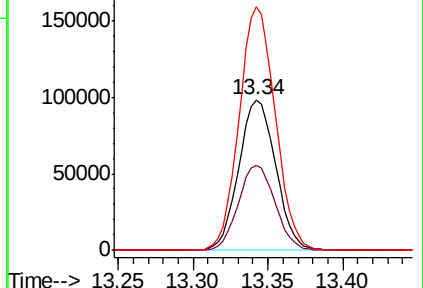
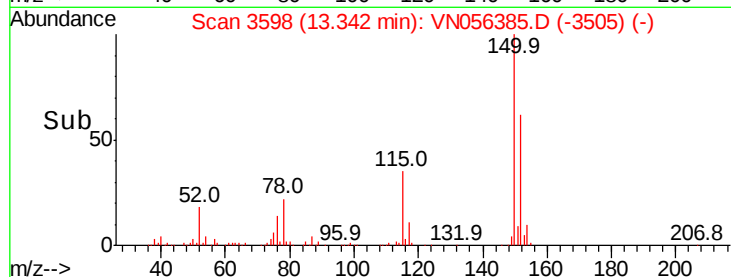
150 158.6 0.0 348.4



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: 6.005 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056385.D

Acq: 19 Jun 2019 14:33

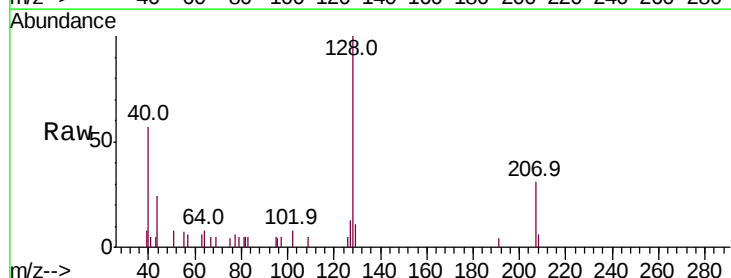
Tgt Ion:128 Resp: 6566

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.2

129 8.4 8.6 12.8#



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

