

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056443.D
 Acq On : 24 Jun 2019 10:17
 Operator : JC/SP
 Sample : VN0624WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01

Quant Time: Jun 25 01:35:04 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	7.66	168	374443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	628263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	613307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	212983	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.59	113	186215	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
50) Toluene-d8	10.09	98	778050	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.40	95	247603	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

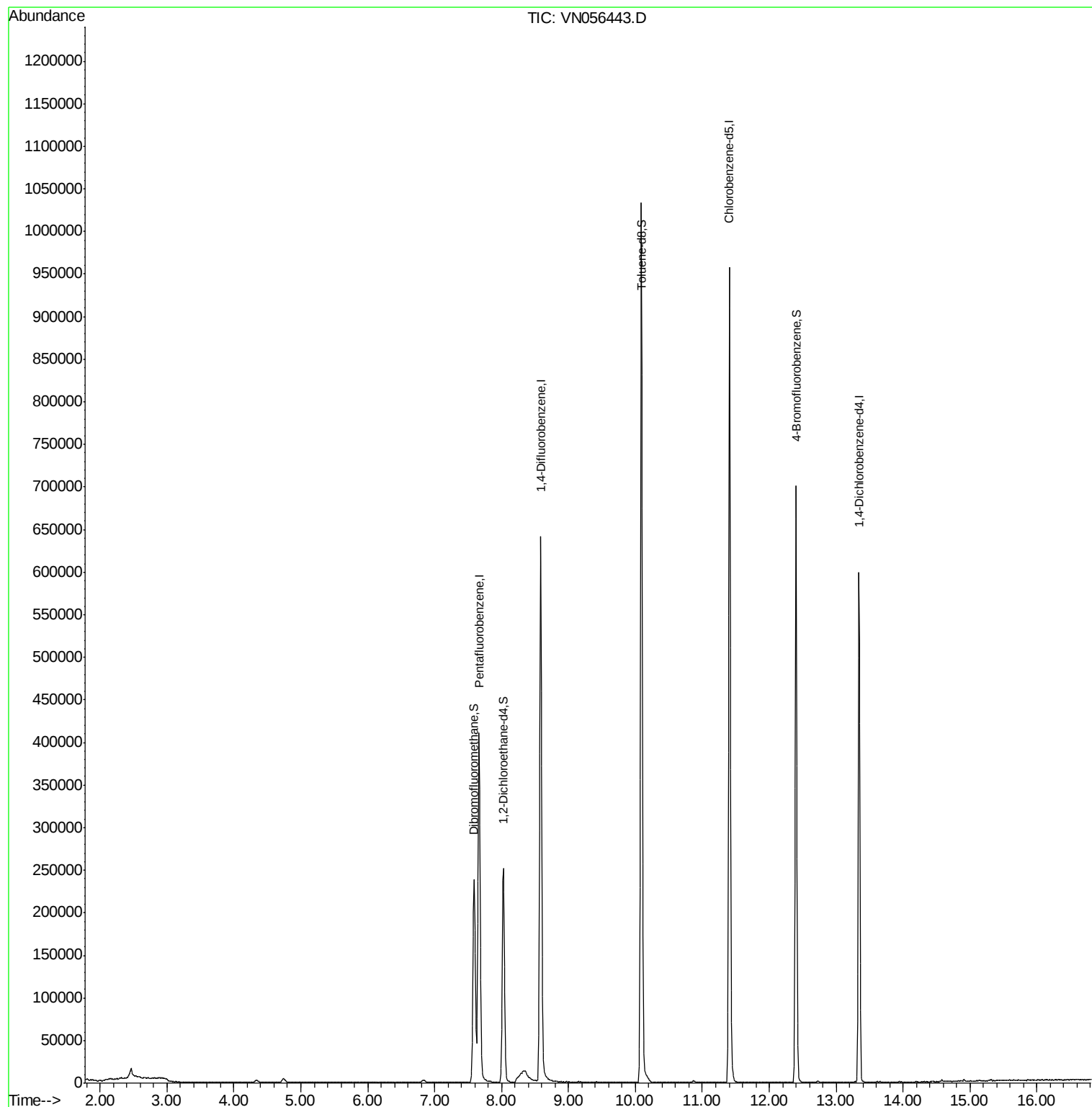
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056443.D

Acq: 24 Jun 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

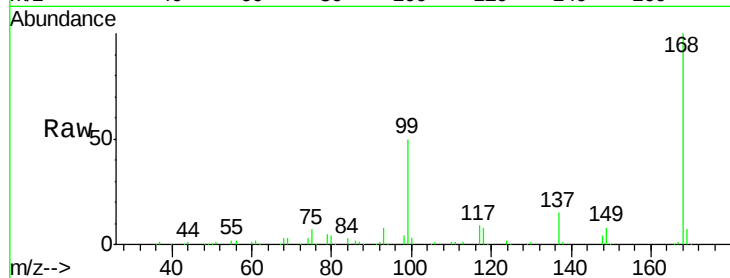
VN0624WBL01

Tot Ion:168 Resp: 374443

Ion Ratio Lower Upper

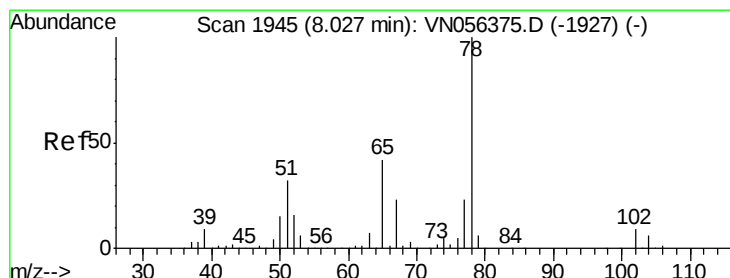
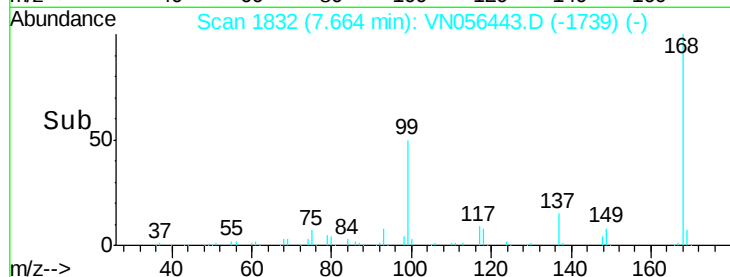
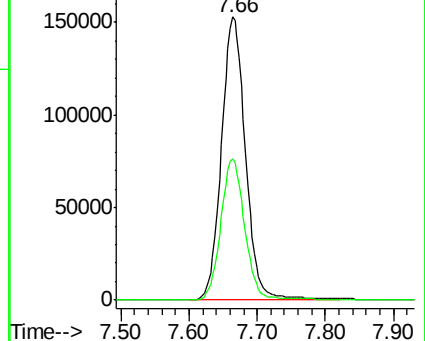
168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.321 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056443.D

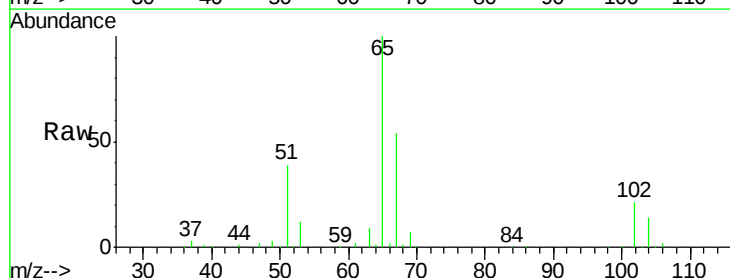
Acq: 24 Jun 2019 10:17

Tgt Ion: 65 Resp: 212983

Ion Ratio Lower Upper

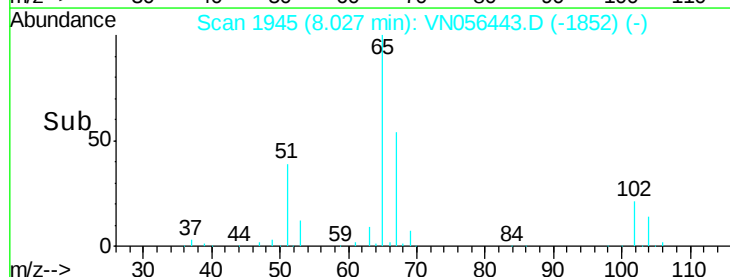
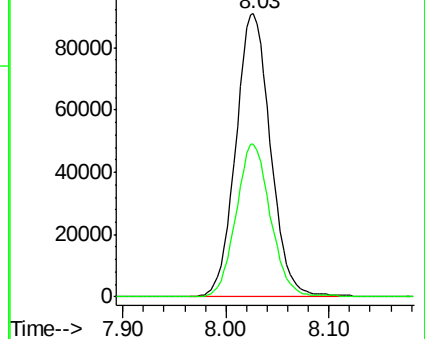
65 100

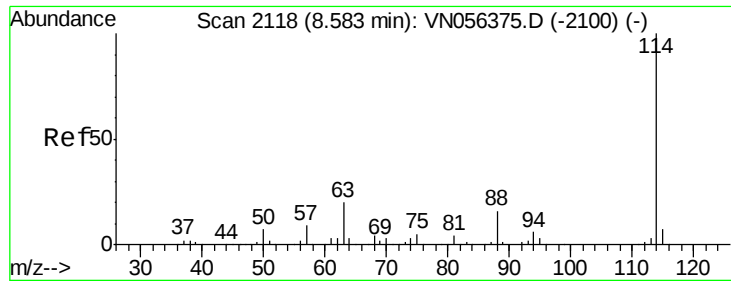
67 53.7 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN0

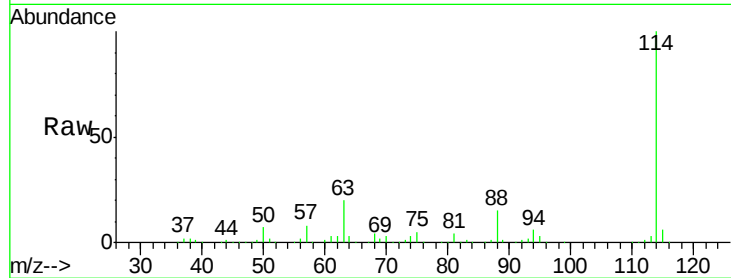




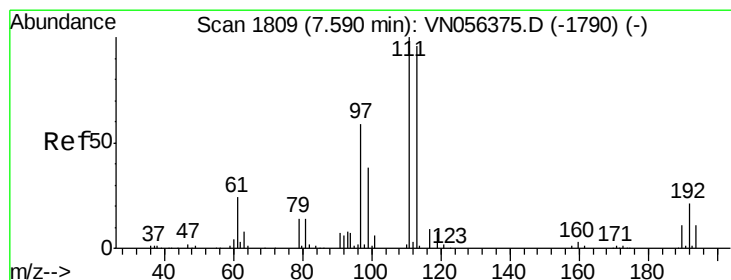
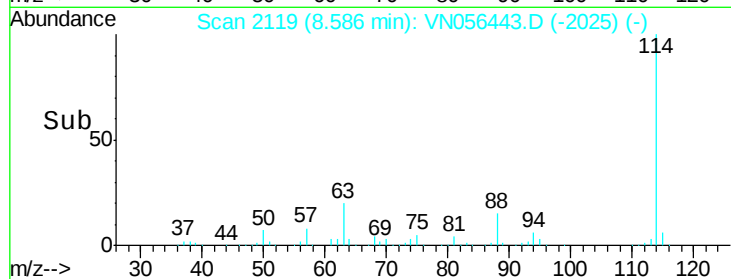
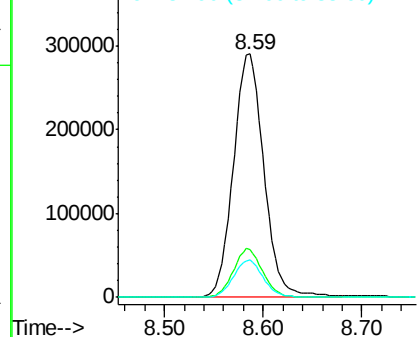
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056443.D
 Acq: 24 Jun 2019 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01

Tot Ion:114 Resp: 628263
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.3 0.0 31.4

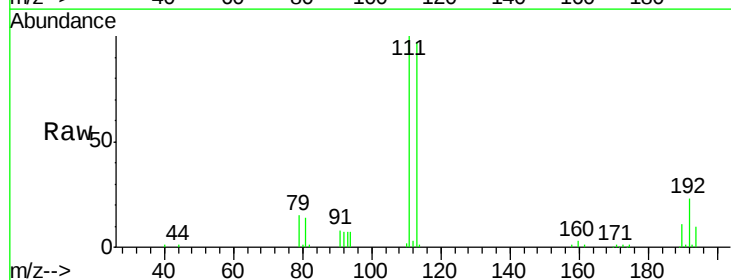


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

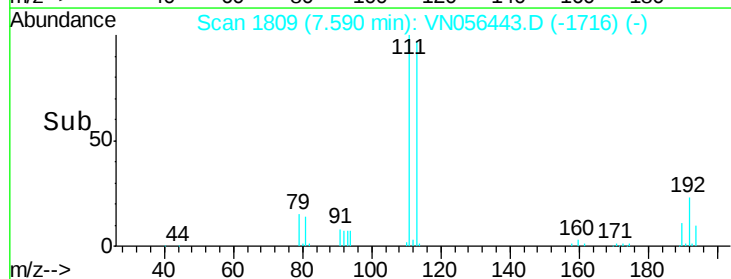
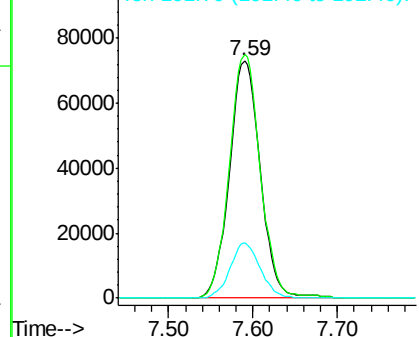


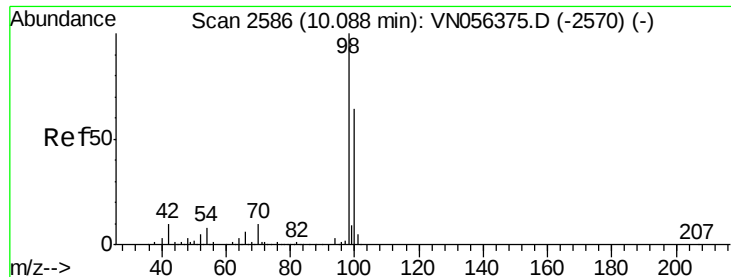
#35
 Dibromofluoromethane
 Concen: 47.512 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056443.D
 Acq: 24 Jun 2019 10:17

Tgt Ion:113 Resp: 186215
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 22.7 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





#50

Toluene-d8

Concen: 51.018 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056443.D

Acq: 24 Jun 2019 10:17

Instrument :

MSVOA_N

ClientSampleId :

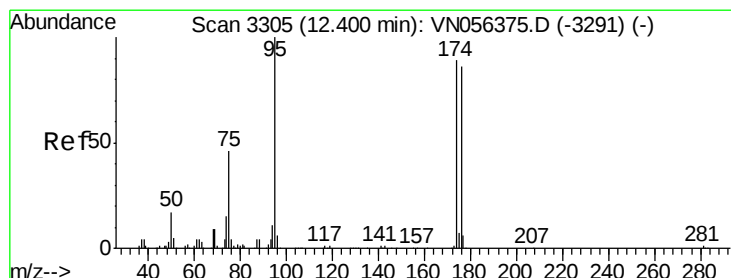
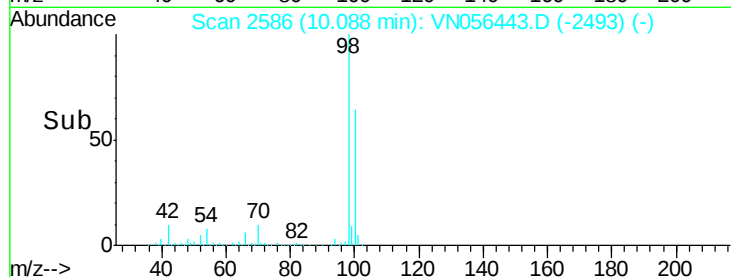
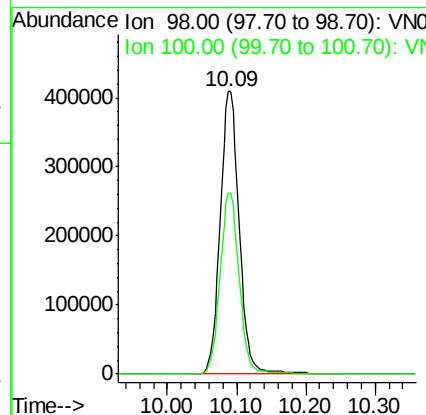
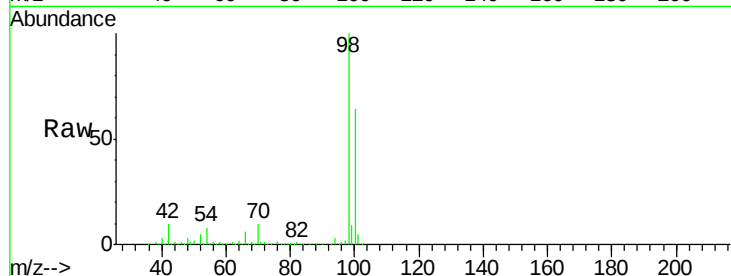
VN0624WBL01

Tot Ion: 98 Resp: 778050

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.704 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056443.D

Acq: 24 Jun 2019 10:17

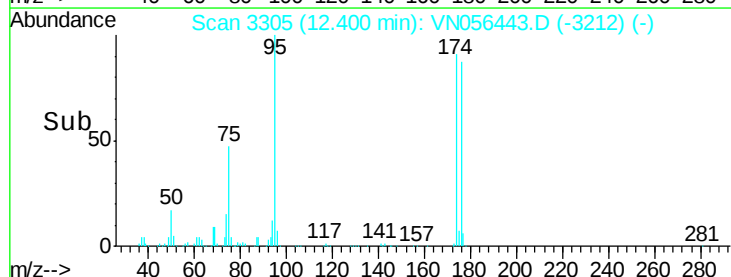
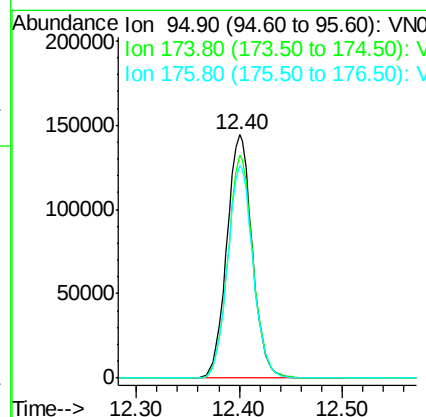
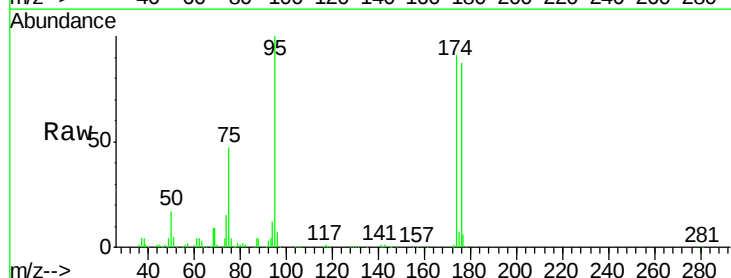
Tgt Ion: 95 Resp: 247603

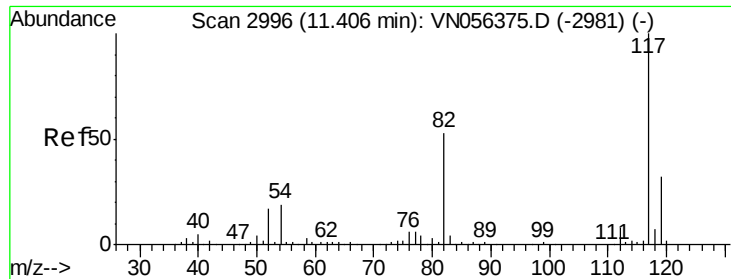
Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.4

176 87.2 0.0 173.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056443.D

Acq: 24 Jun 2019 10:17

Instrument :

MSVOA_N

ClientSampled :

VN0624WBL01

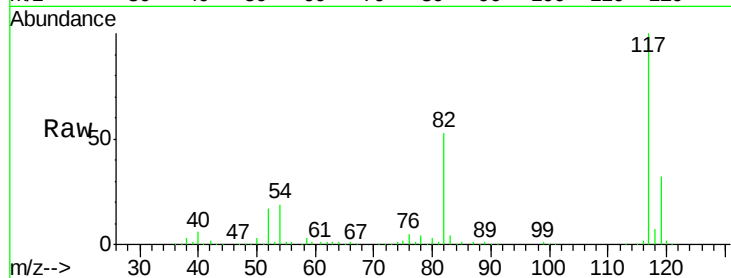
Tot Ion:117 Resp: 613307

Ion Ratio Lower Upper

117 100

82 53.1 42.0 63.0

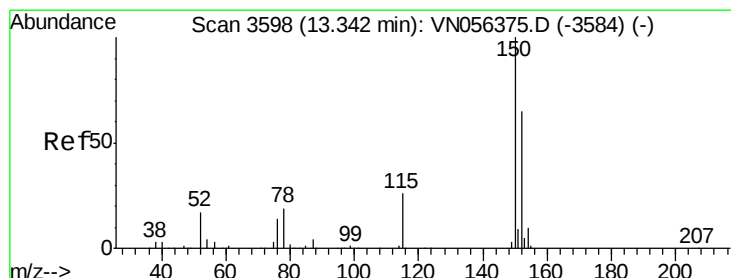
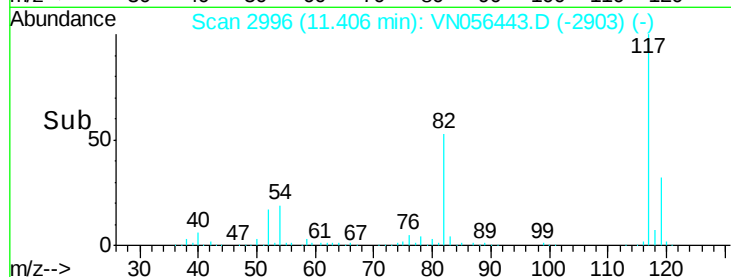
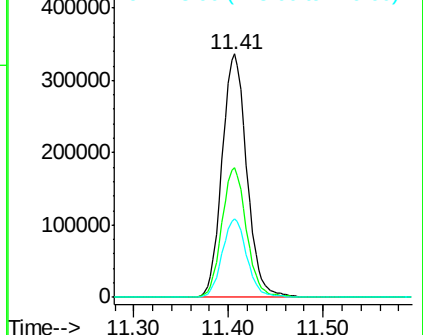
119 32.3 25.3 37.9



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: VN056443.D

Acq: 24 Jun 2019 10:17

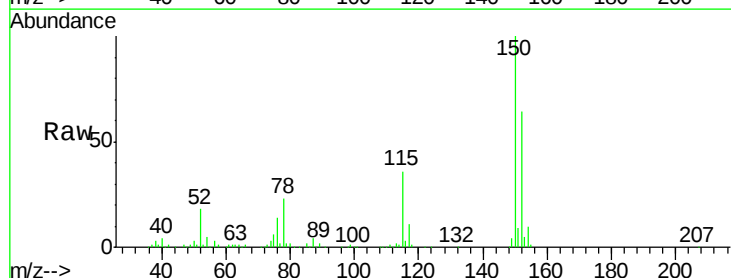
Tgt Ion:152 Resp: 176145

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.4

150 156.9 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

