

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058570.D
 Acq On : 7 Oct 2019 16:46
 Operator : JC/SP
 Sample : K5197-11 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01_100319

Quant Time: Oct 08 15:11:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

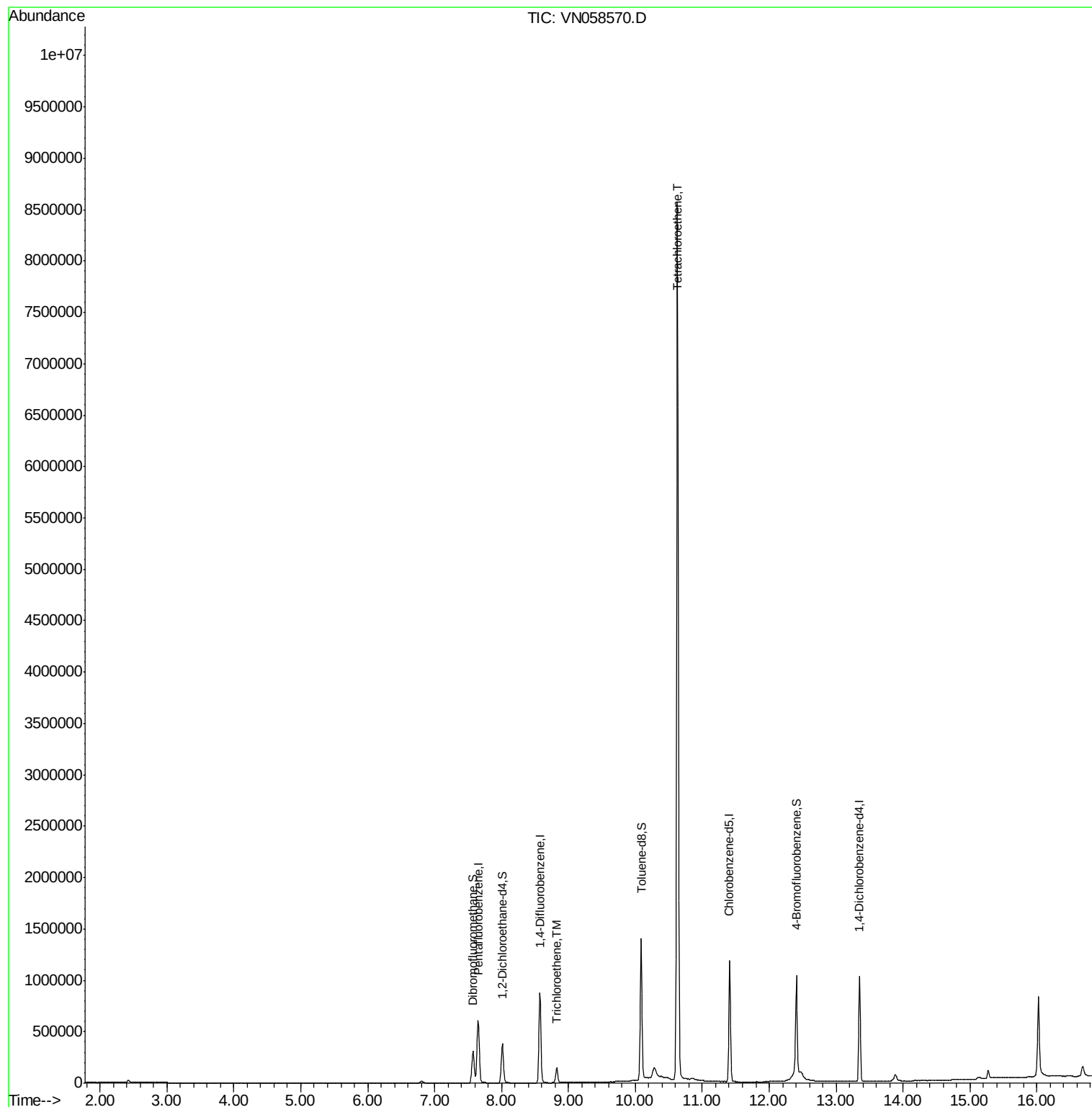
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	490289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	767094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	664188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	336818	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
35) Dibromofluoromethane	7.57	113	238434	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.09	98	959665	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.41	95	316335	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
Target Compounds						
44) Trichloroethene	8.82	130	53019	10.184	ug/l	94
64) Tetrachloroethene	10.63	164	1932414	457.939	ug/l	98

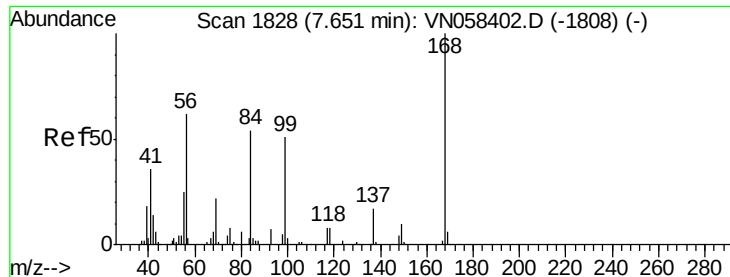
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058570.D

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MSVOA_N

ClientSampleId :

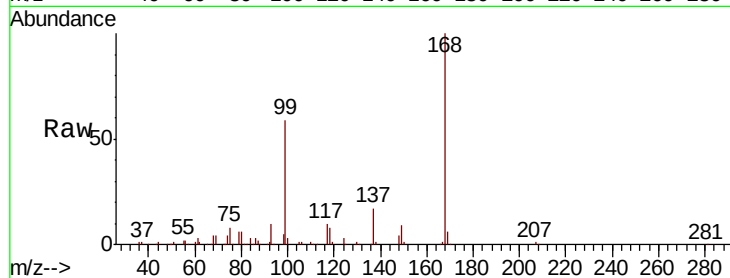
DUP-01_100319

Tot Ion:168 Resp: 490289

Ion Ratio Lower Upper

168 100

99 59.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

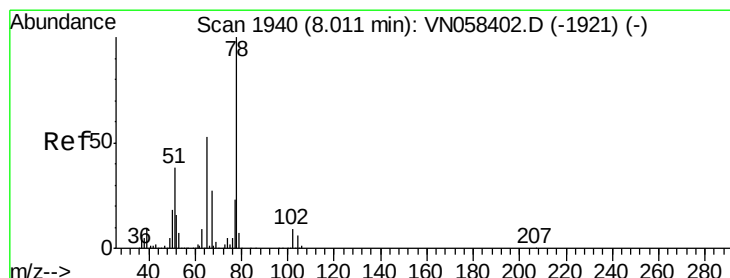
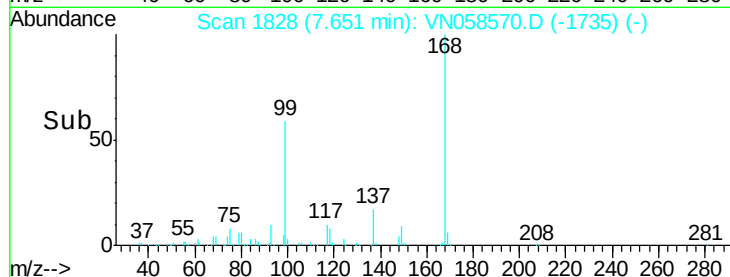
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.010 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058570.D

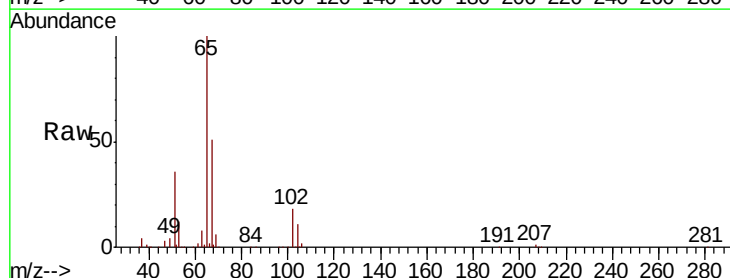
Acq: 7 Oct 2019 16:46

Tgt Ion: 65 Resp: 336818

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

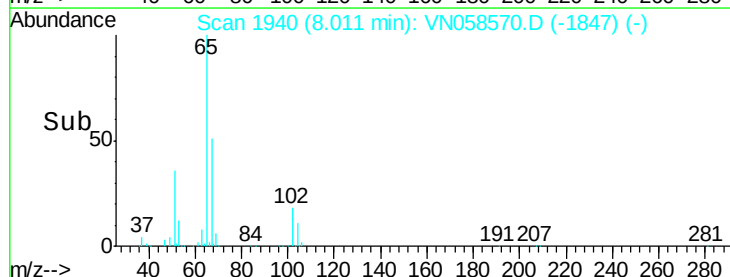
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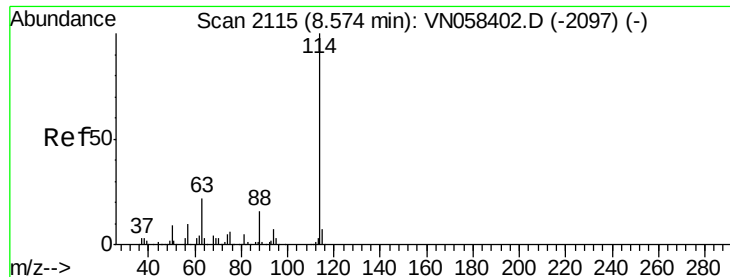
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50000

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Time-->

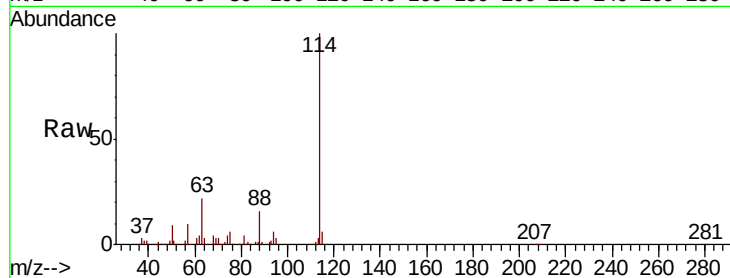




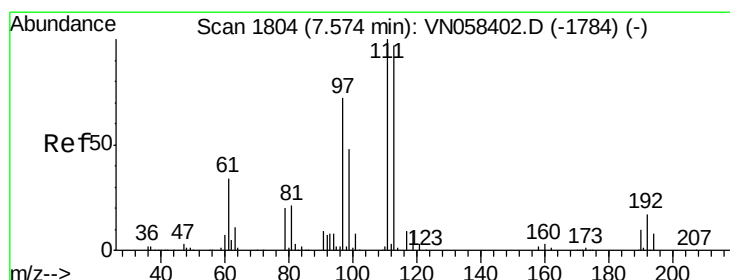
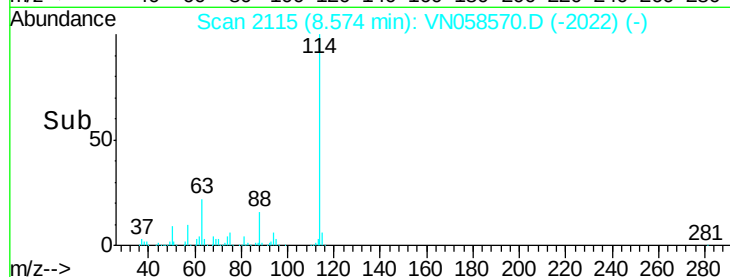
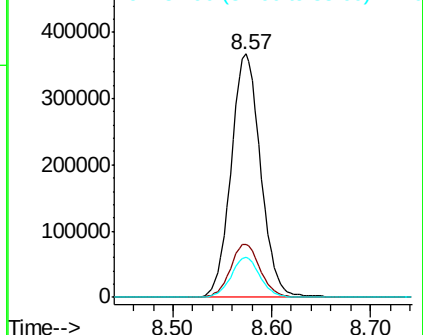
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058570.D
 Acq: 7 Oct 2019 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01_100319

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.0
88	16.3	0.0	32.2

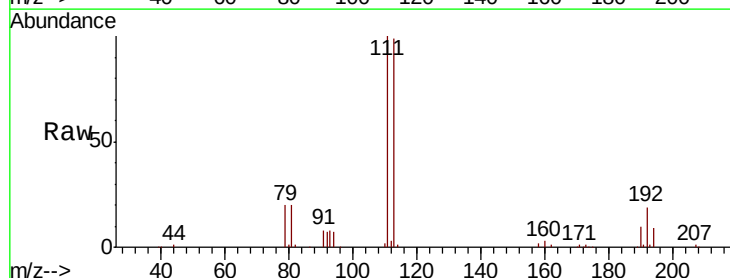


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

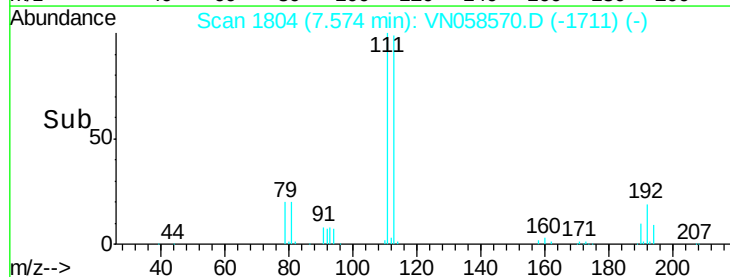
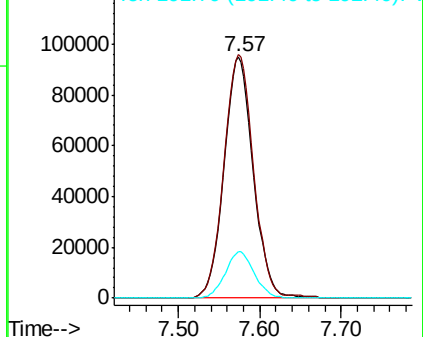


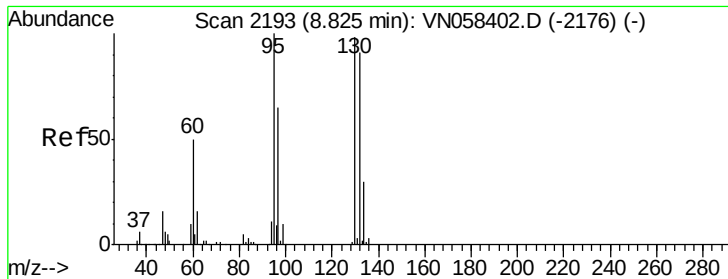
#35
 Dibromofluoromethane
 Concen: 50.715 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058570.D
 Acq: 7 Oct 2019 16:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	19.2	14.9	22.3



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





#44

Trichloroethene

Concen: 10.184 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058570.D

Acq: 7 Oct 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

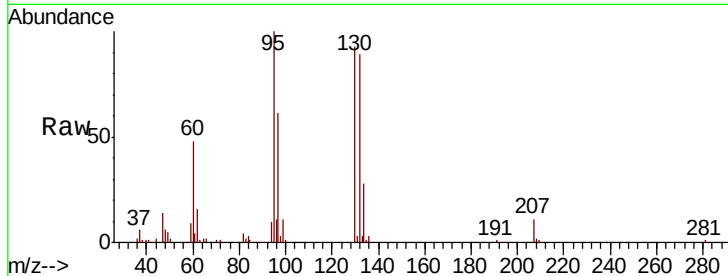
DUP-01_100319

Tot Ion:130 Resp: 53019

Ion Ratio Lower Upper

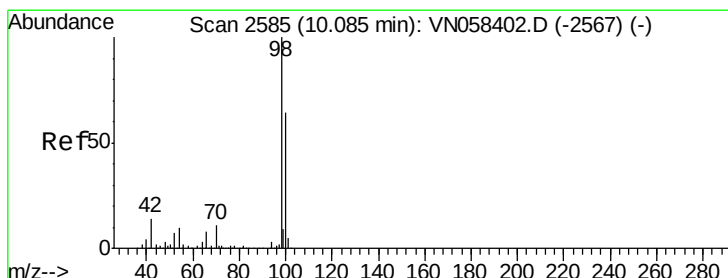
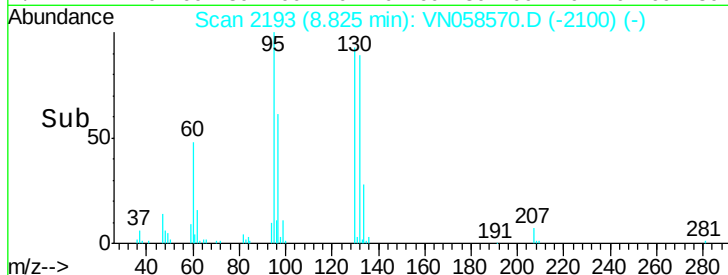
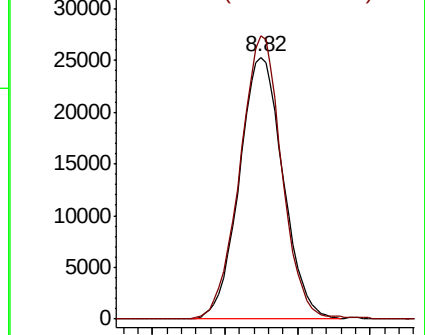
130 100

95 108.0 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 52.106 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058570.D

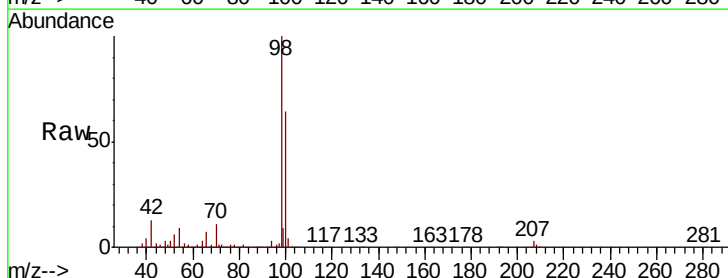
Acq: 7 Oct 2019 16:46

Tgt Ion: 98 Resp: 959665

Ion Ratio Lower Upper

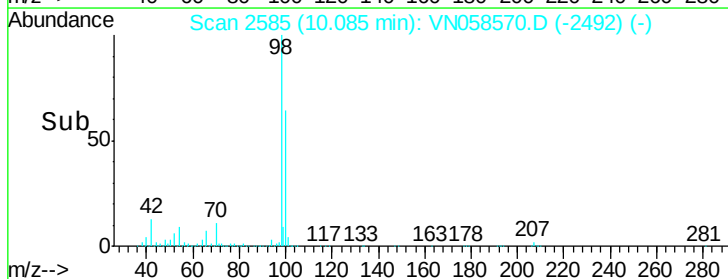
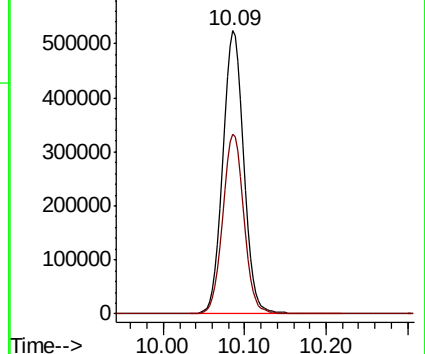
98 100

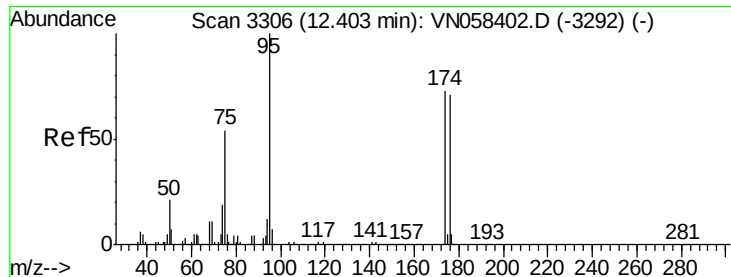
100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

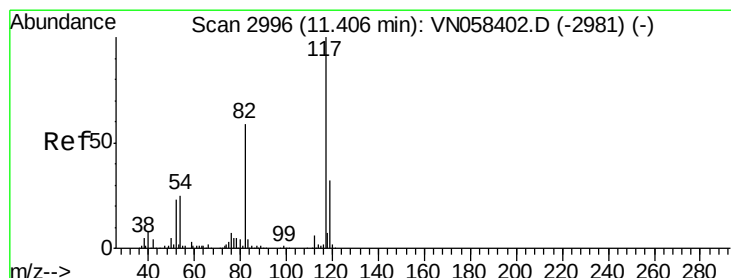
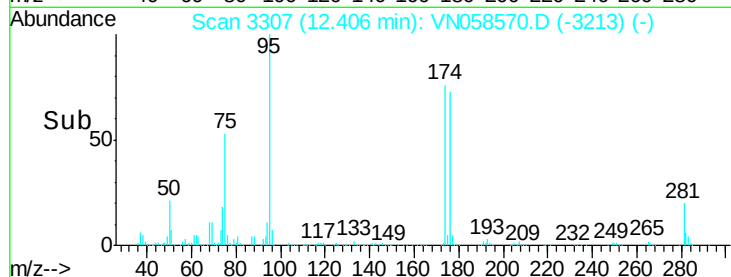
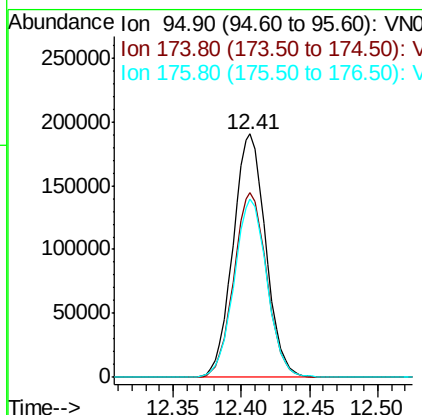
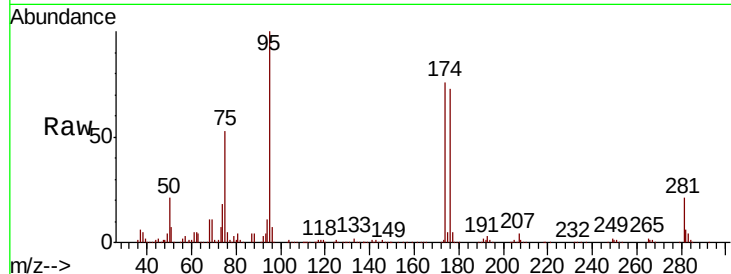




#62
4-Bromofluorobenzene
Concen: 47.502 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058570.D
Acq: 7 Oct 2019 16:46

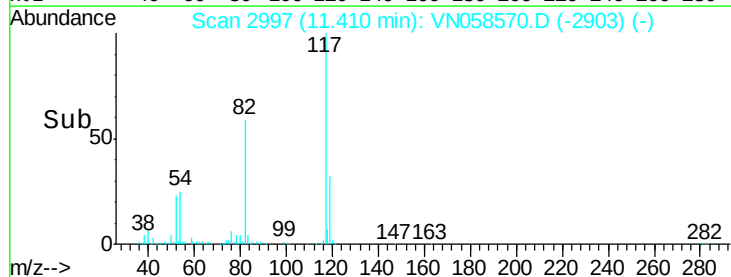
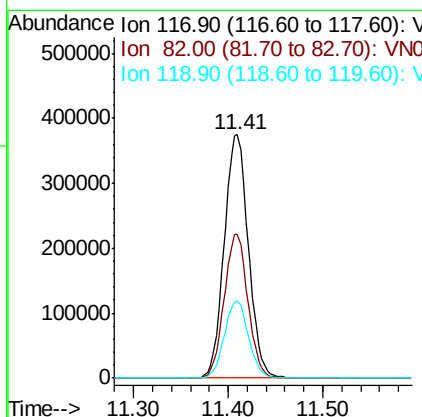
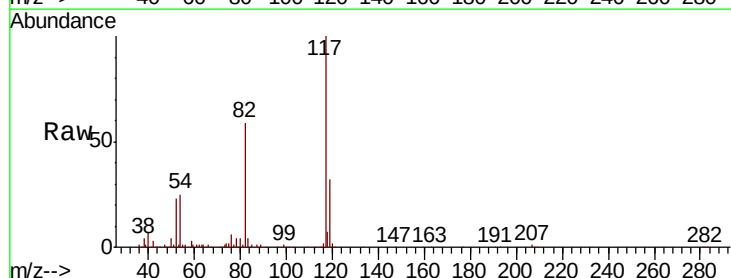
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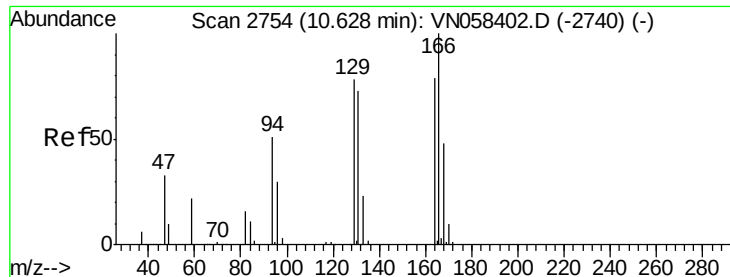
Tot Ion	95	Resp	316335
Ion Ratio	100		
Lower			
Upper			
174	76.5	0.0	150.6
176	73.6	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058570.D
Acq: 7 Oct 2019 16:46

Tgt Ion	117	Resp	664188
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	59.3	47.4	71.0
119	31.9	25.5	38.3

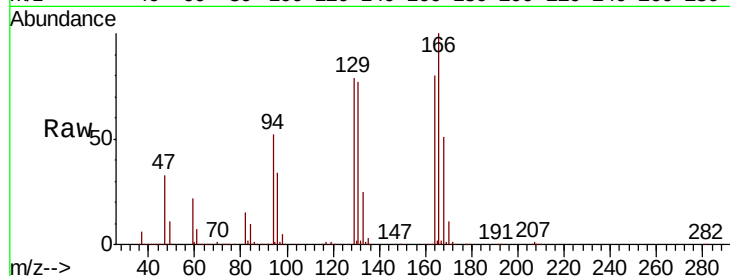




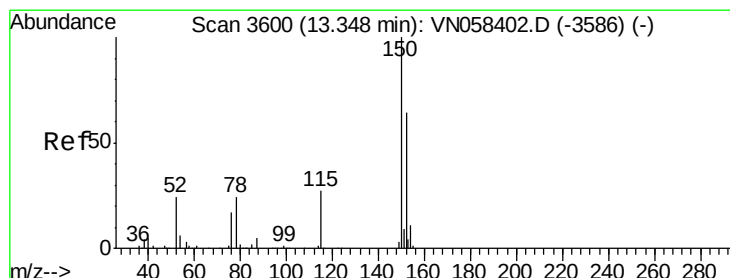
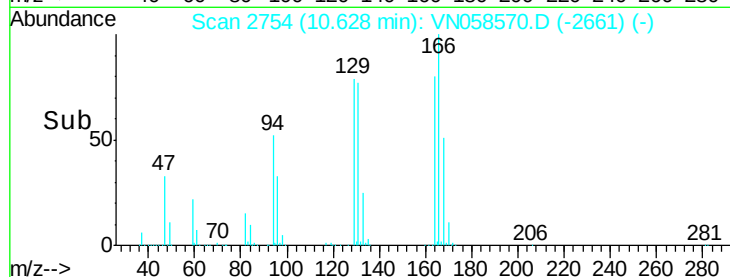
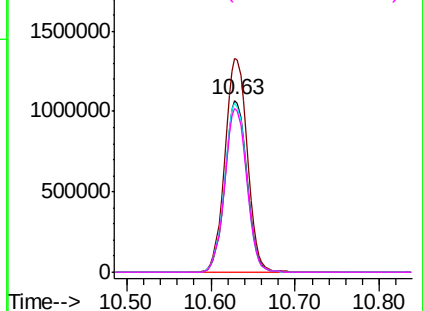
#64
Tetrachloroethene
Concen: 457.939 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058570.D
Acq: 7 Oct 2019 16:46

Instrument :
MSVOA_N
ClientSampleId :
DUP-01_100319

Tot Ion:164 Resp: 1932414
Ion Ratio Lower Upper
164 100
166 124.5 101.1 151.7
129 98.7 79.2 118.8
131 95.5 74.1 111.1

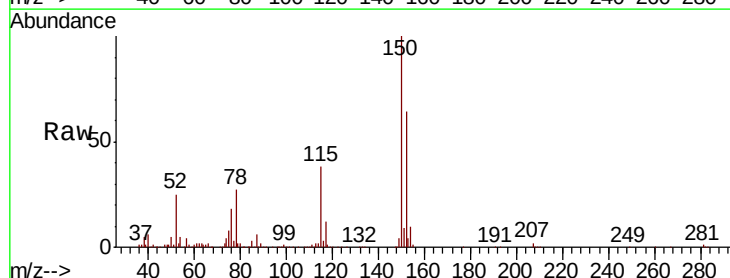


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058570.D
Acq: 7 Oct 2019 16:46

Tgt Ion:152 Resp: 262864
Ion Ratio Lower Upper
152 100
115 61.6 30.0 90.0
150 157.4 0.0 348.2



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

