

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058664.D
 Acq On : 10 Oct 2019 00:18
 Operator : JC/SP
 Sample : K5261-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0552

Quant Time: Oct 10 05:54:22 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

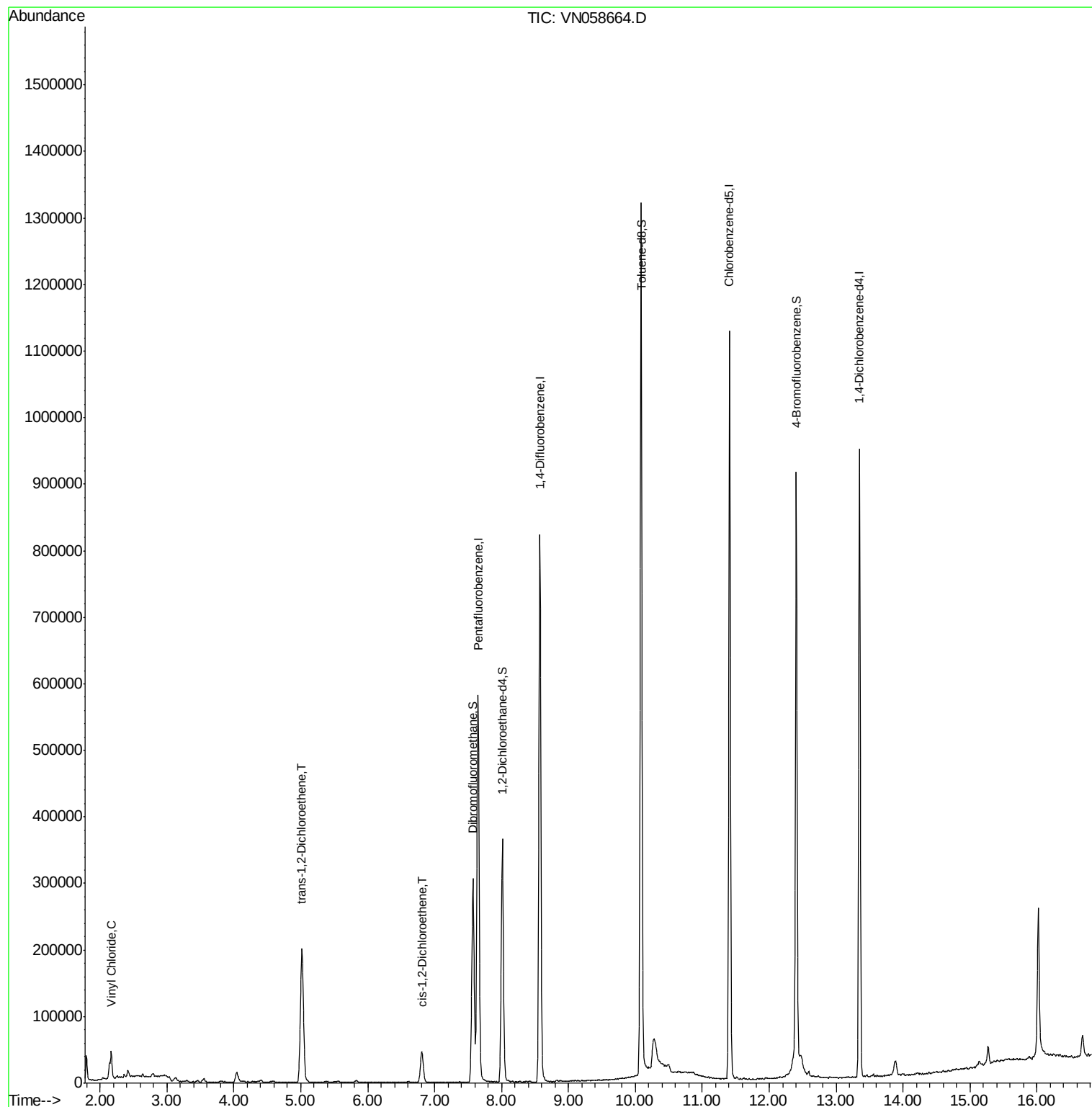
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	470067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	726192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	324131	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
35) Dibromofluoromethane	7.57	113	235336	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
50) Toluene-d8	10.09	98	912206	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.40	95	298899	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
Target Compounds						
4) Vinyl Chloride	2.17	62	28296	5.097	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	129753	26.313	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	29341	5.091	ug/l	87

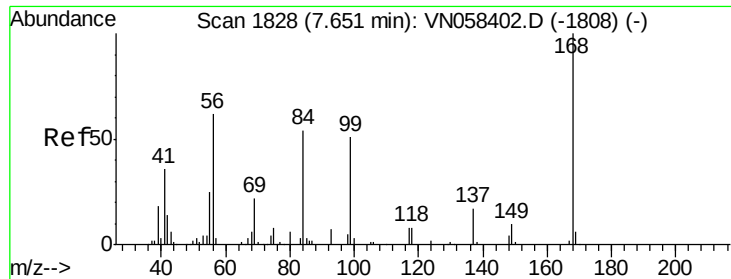
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058664.D

Acq: 10 Oct 2019 00:18

Instrument :

MSVOA_N

ClientSampleId :

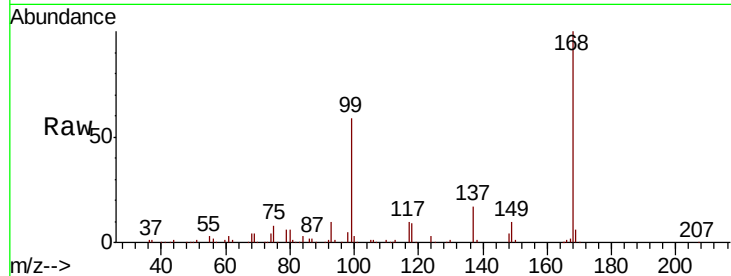
S49-0552

Tot Ion:168 Resp: 470067

Ion Ratio Lower Upper

168 100

99 58.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

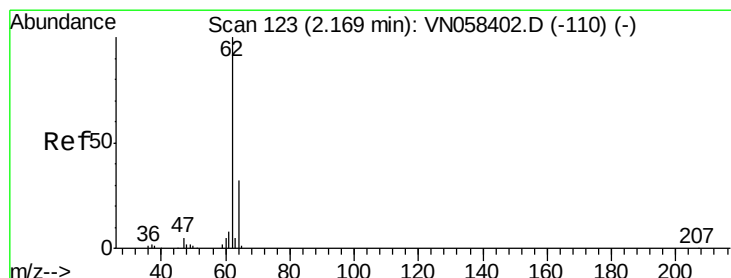
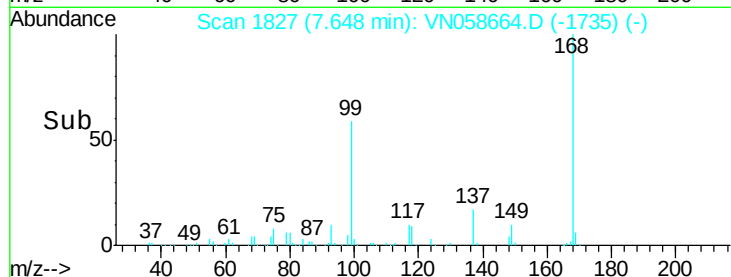
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 5.097 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058664.D

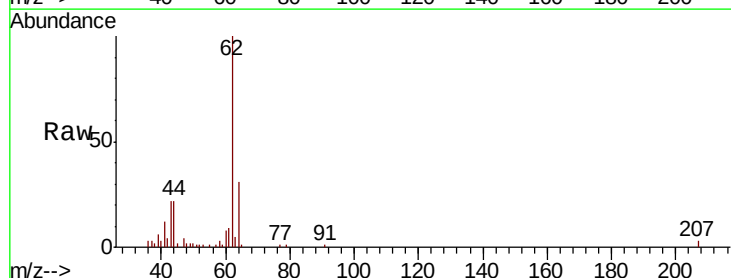
Acq: 10 Oct 2019 00:18

Tgt Ion: 62 Resp: 28296

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

20000

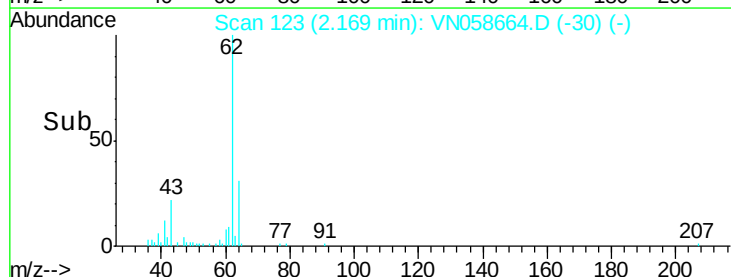
15000

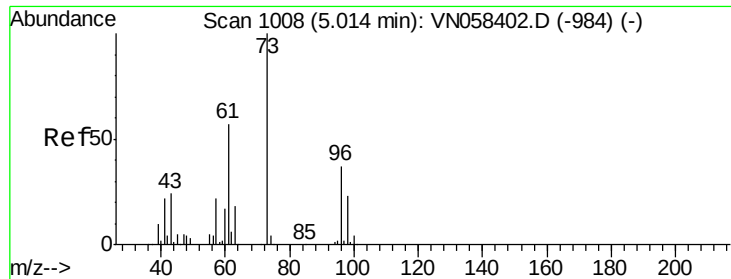
10000

5000

0

Time--> 2.10 2.15 2.20 2.25

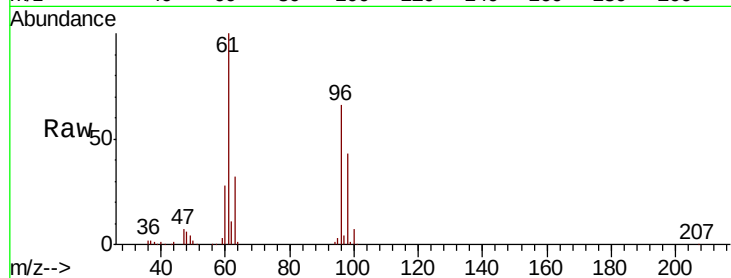




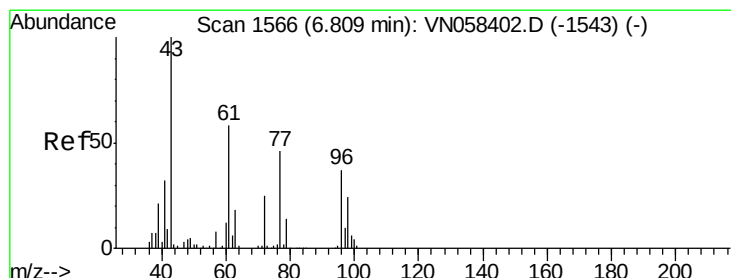
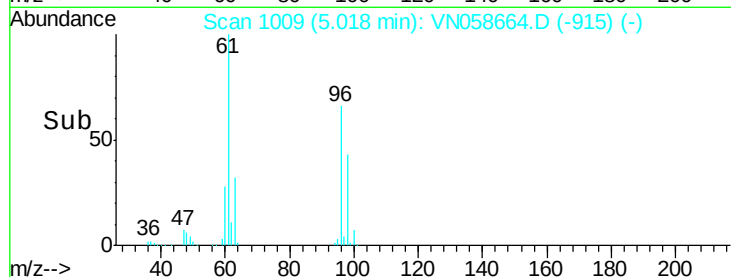
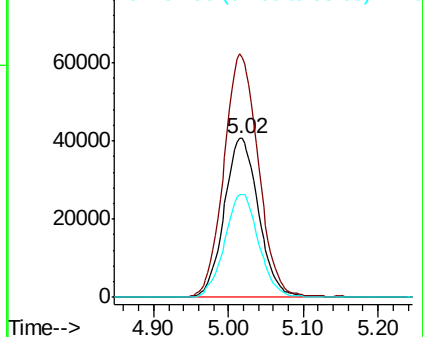
#21
trans-1,2-Dichloroethene
Concen: 26.313 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058664.D
Acq: 10 Oct 2019 00:18

Instrument :
MSVOA_N
ClientSampled :
S49-0552

Tot Ion: 96 Resp: 129753
Ion Ratio Lower Upper
96 100
61 150.5 121.9 182.9
98 64.9 49.3 73.9

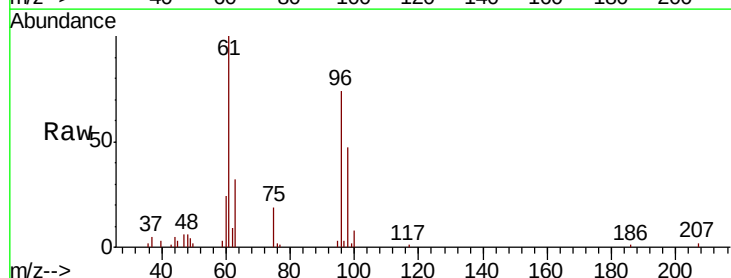


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

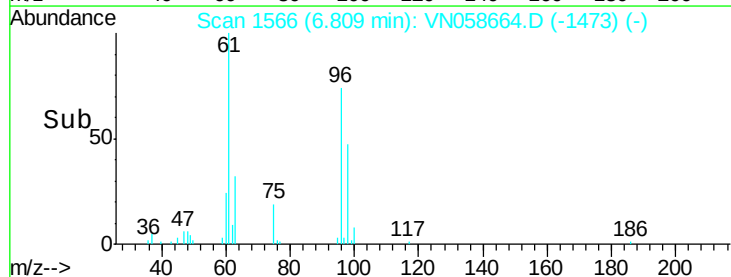
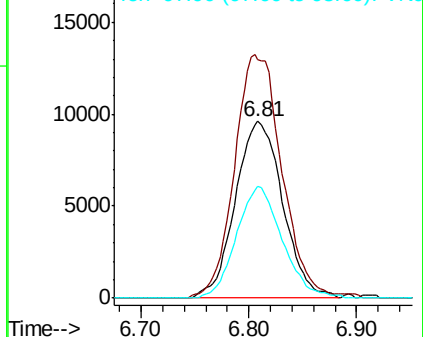


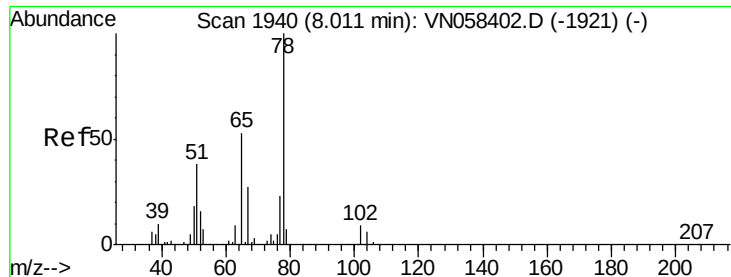
#27
cis-1,2-Dichloroethene
Concen: 5.091 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN058664.D
Acq: 10 Oct 2019 00:18

Tgt Ion: 96 Resp: 29341
Ion Ratio Lower Upper
96 100
61 137.4 0.0 318.8
98 61.0 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

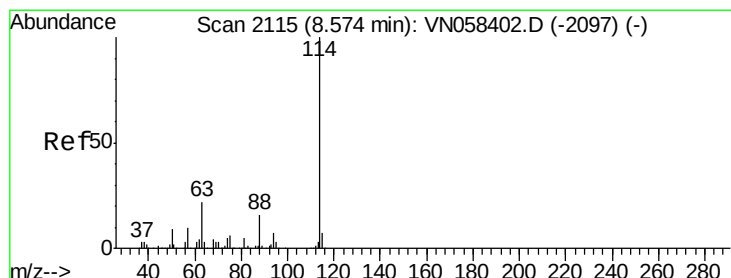
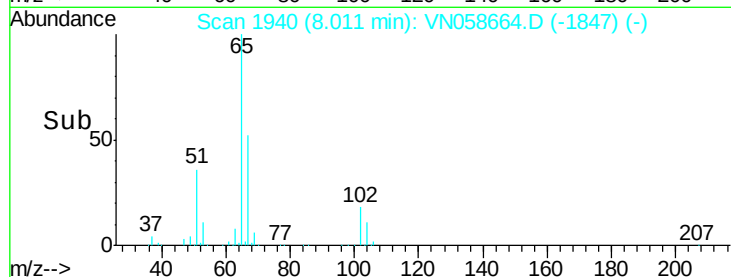
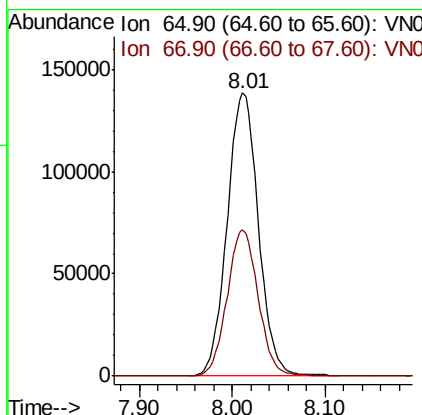
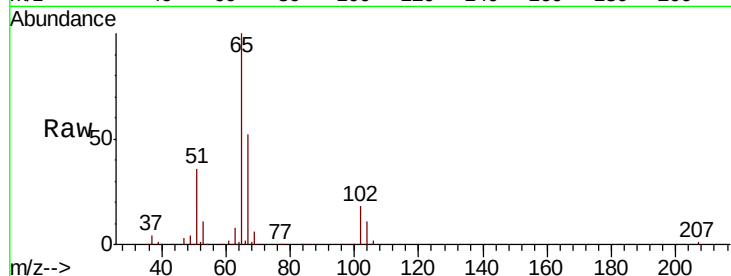




#33
 1,2-Dichloroethane-d4
 Concen: 47.186 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058664.D
 Acq: 10 Oct 2019 00:18

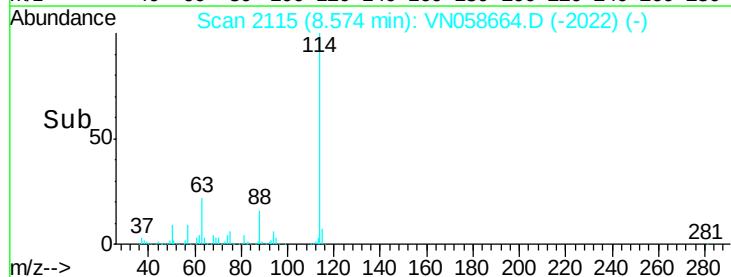
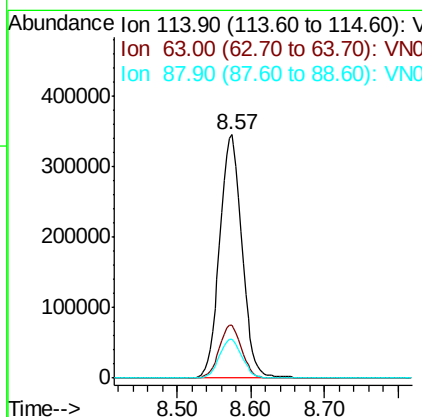
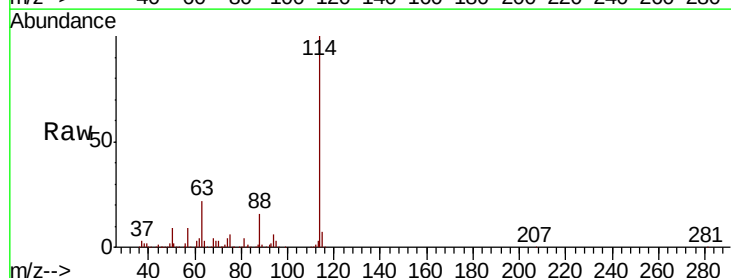
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0552

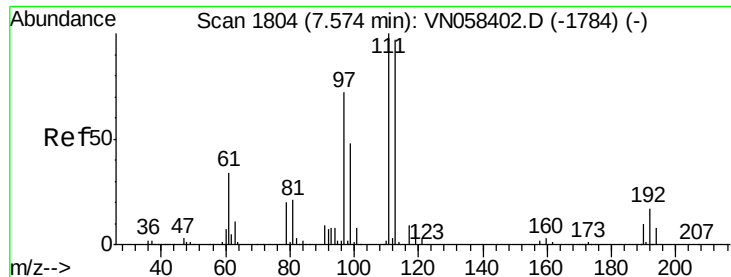
Tot Ion: 65 Resp: 324131
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058664.D
 Acq: 10 Oct 2019 00:18

Tgt Ion: 114 Resp: 726192
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 15.9 0.0 32.2

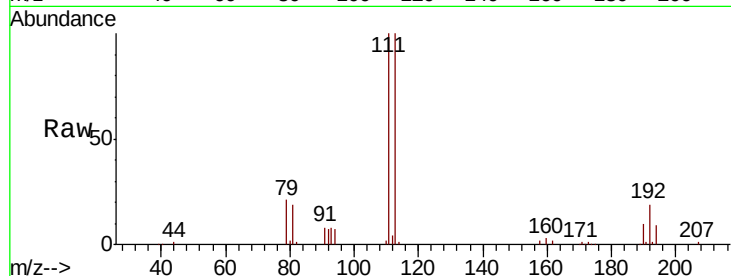




#35
Dibromofluoromethane
Concen: 52.876 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN058664.D
Acq: 10 Oct 2019 00:18

Instrument :
MSVOA_N
ClientSampleId :
S49-0552

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	18.6	14.9	22.3

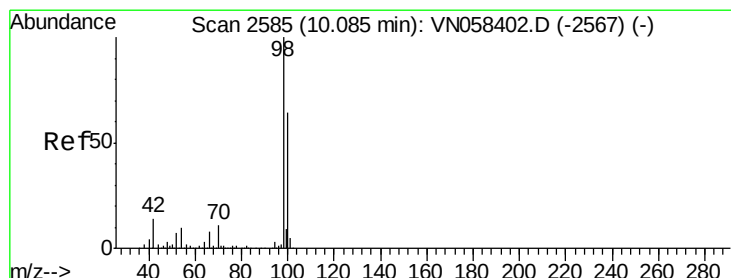
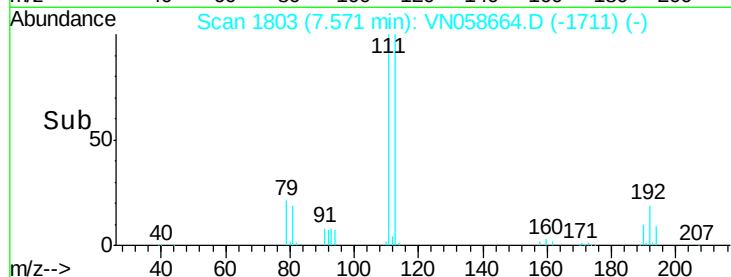
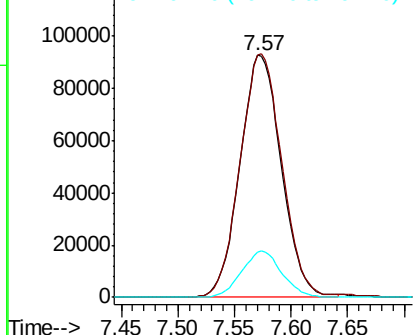


Abundance

Ion 112.80 (112.50 to 113.50): V

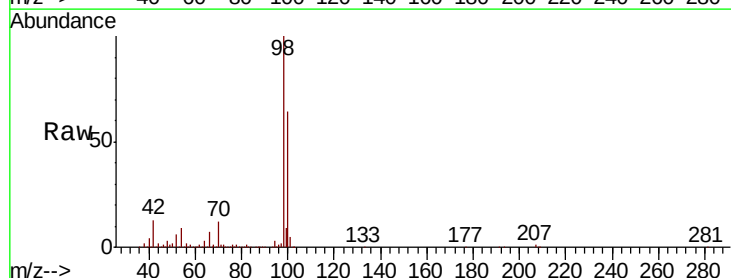
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
Toluene-d8
Concen: 52.319 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058664.D
Acq: 10 Oct 2019 00:18

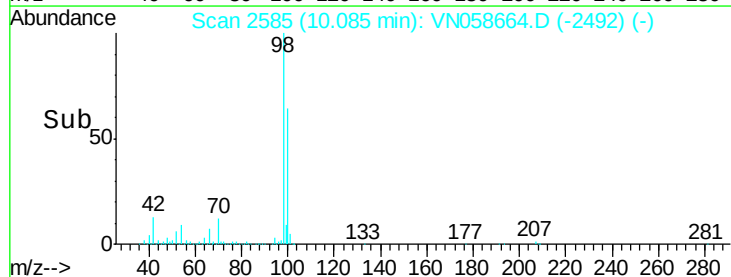
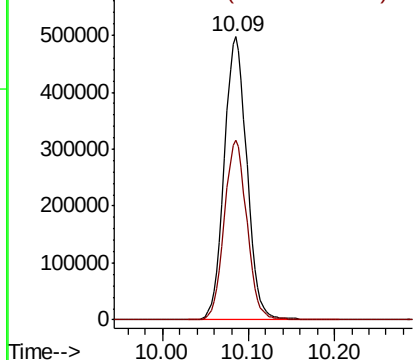
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.0	76.6

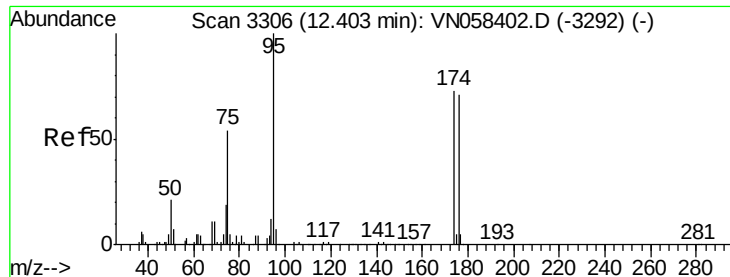


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

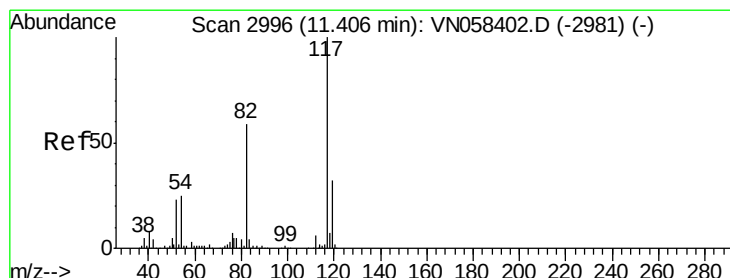
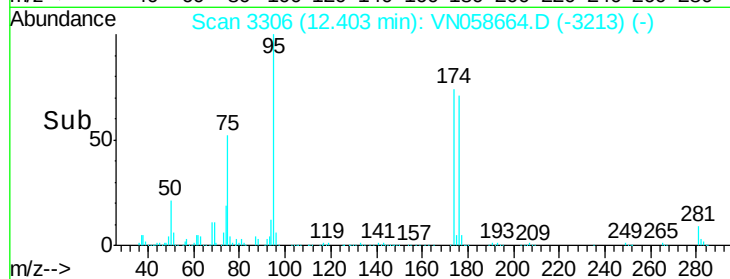
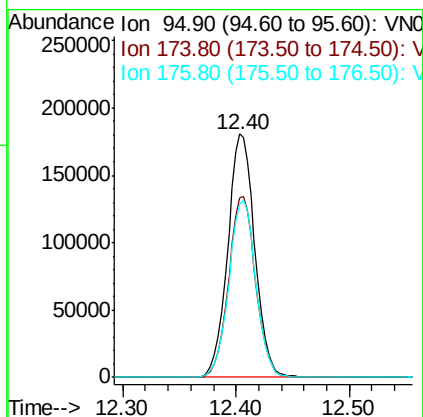
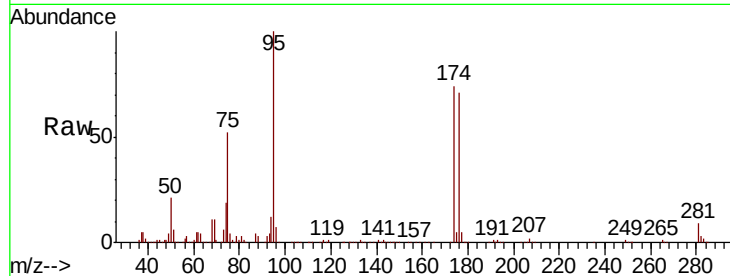




#62
4-Bromofluorobenzene
Concen: 47.412 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058664.D
Acq: 10 Oct 2019 00:18

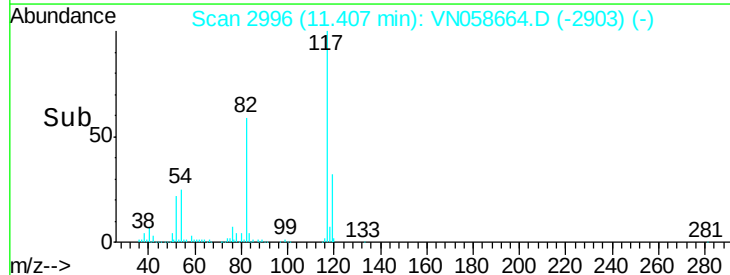
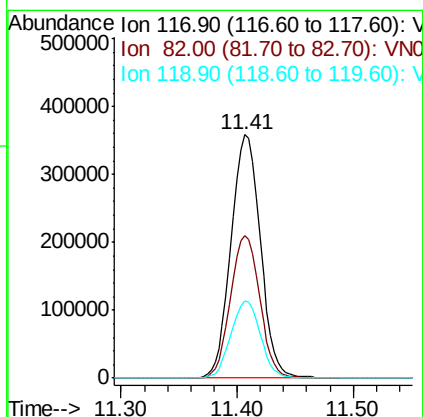
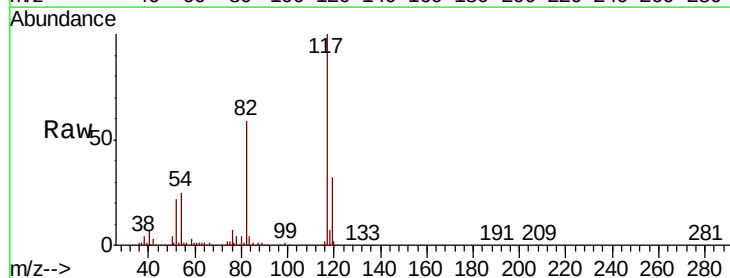
Instrument :
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ClientSampleId :
S49-0552

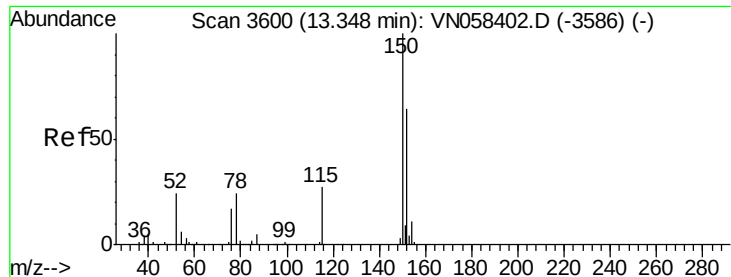
Tot Ion	95	Resp	298899
Ion Ratio	100		
Lower			
Upper			
174	74.3	0.0	150.6
176	73.1	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058664.D
Acq: 10 Oct 2019 00:18

Tgt Ion	117	Resp	627433
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	58.7	47.4	71.0
119	31.6	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058664.D

Acq: 10 Oct 2019 00:18

Instrument :

MSVOA_N

ClientSampleId :

S49-0552

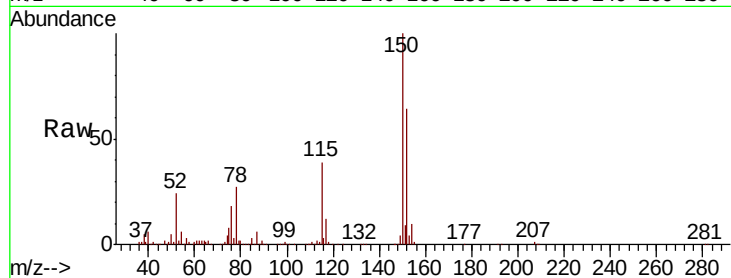
Tot Ion:152 Resp: 245737

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 156.6 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

