

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058554.D
 Acq On : 4 Oct 2019 20:12
 Operator : JC/SP
 Sample : K5197-07 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24S_100219

Quant Time: Oct 05 05:01:55 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

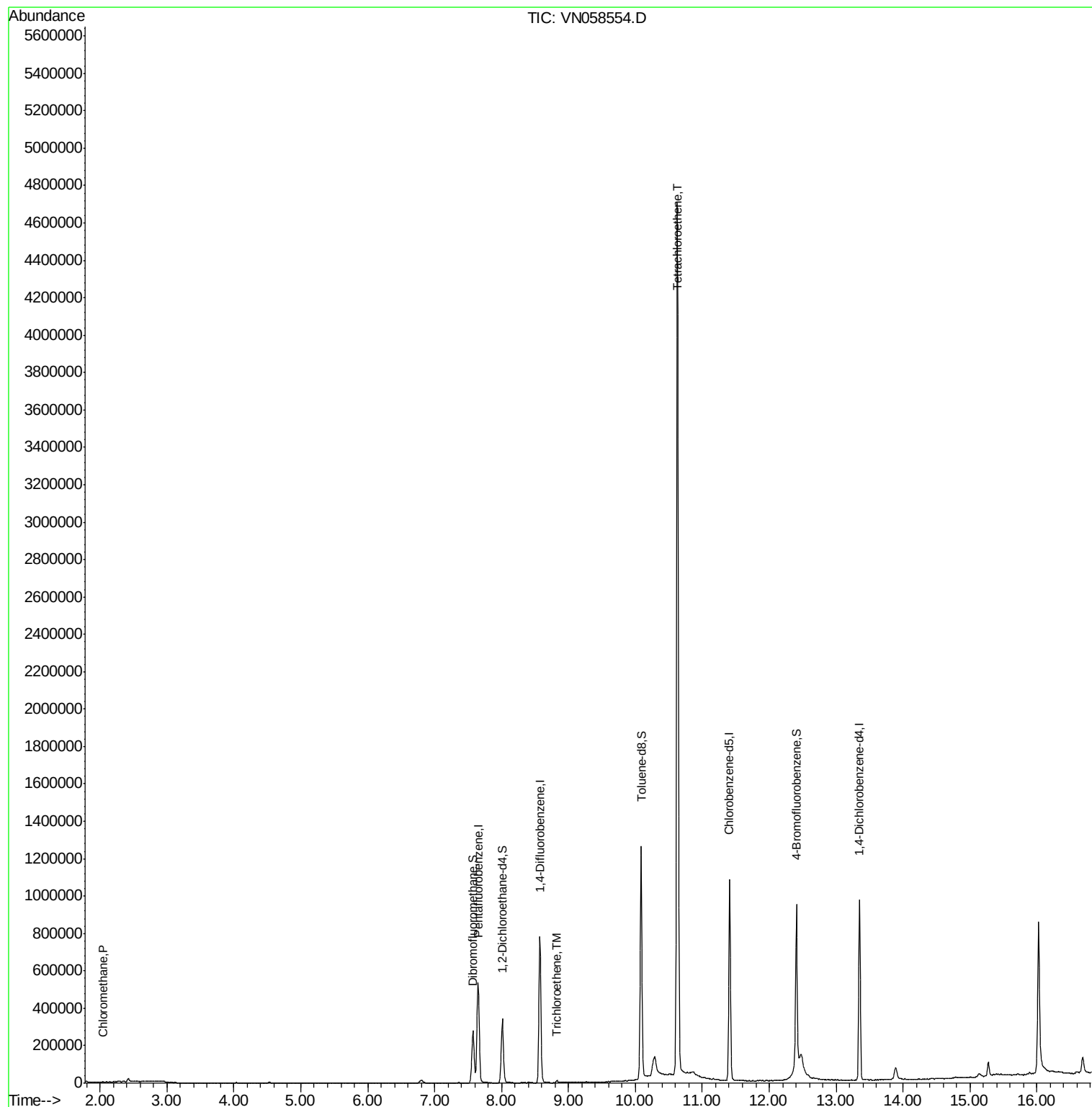
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	420092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	683614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	296137	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	7.57	113	209537	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.09	98	845917	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.41	95	282126	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
3) Chloromethane	2.04	50	1807	0.357	ug/l	93
44) Trichloroethene	8.83	130	4306	0.928	ug/l	81
64) Tetrachloroethene	10.63	164	1013647	270.161	ug/l	98

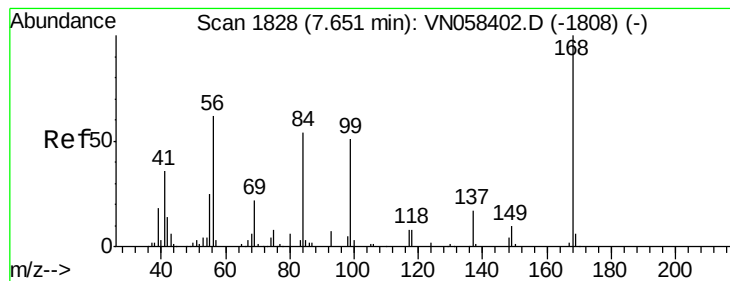
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058554.D

Acq: 4 Oct 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

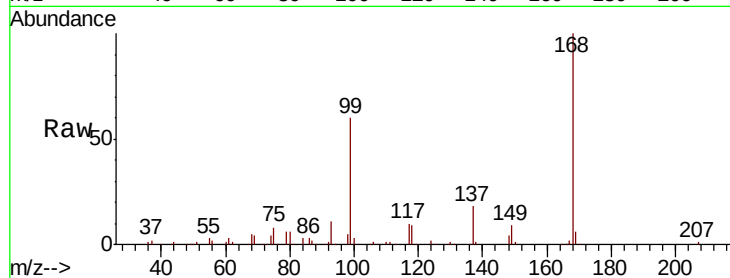
MW-24S_100219

Tot Ion:168 Resp: 420092

Ion Ratio Lower Upper

168 100

99 60.2 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

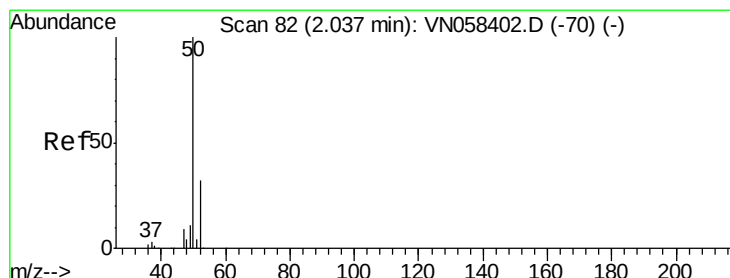
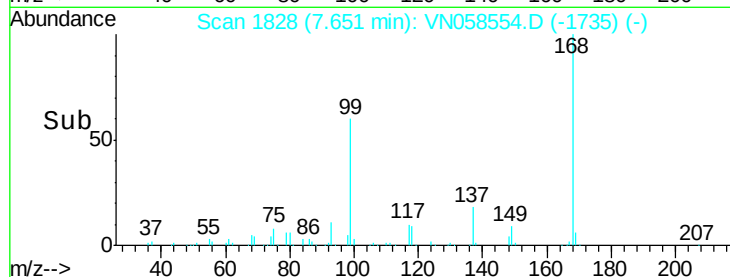
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.357 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058554.D

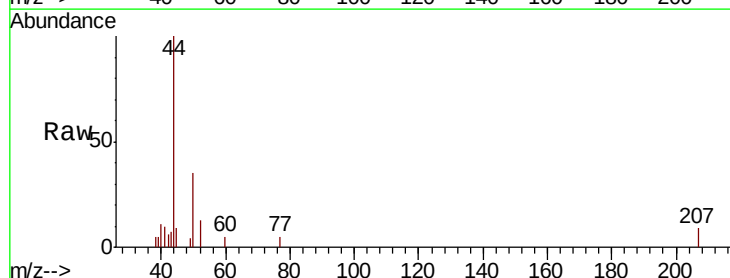
Acq: 4 Oct 2019 20:12

Tgt Ion: 50 Resp: 1807

Ion Ratio Lower Upper

50 100

52 36.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

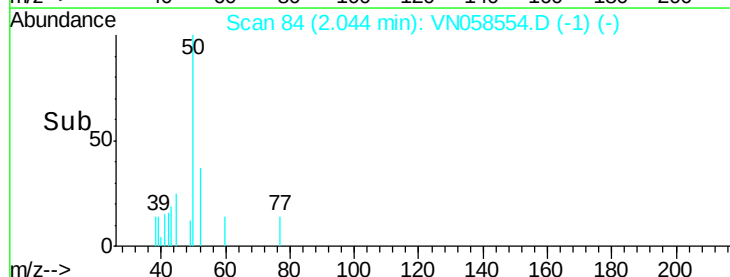
1500

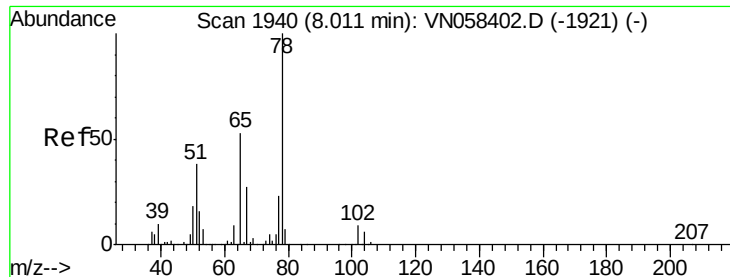
1000

500

0

Time-->

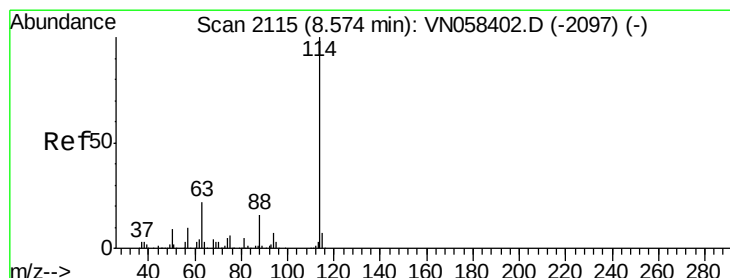
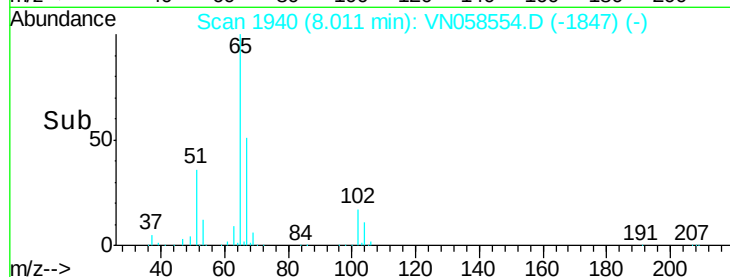
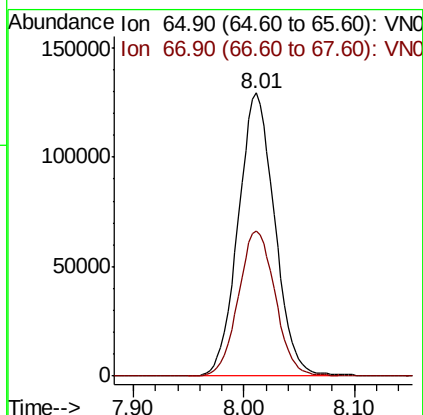
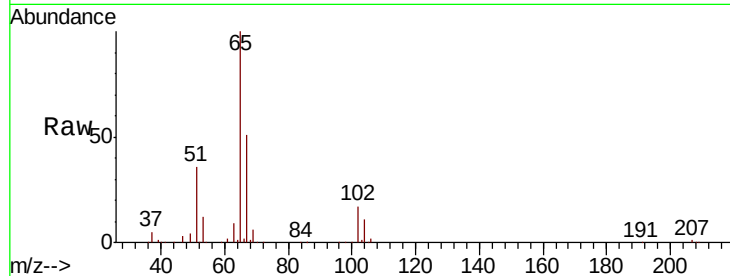




#33
 1,2-Dichloroethane-d4
 Concen: 48.239 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058554.D
 Acq: 4 Oct 2019 20:12

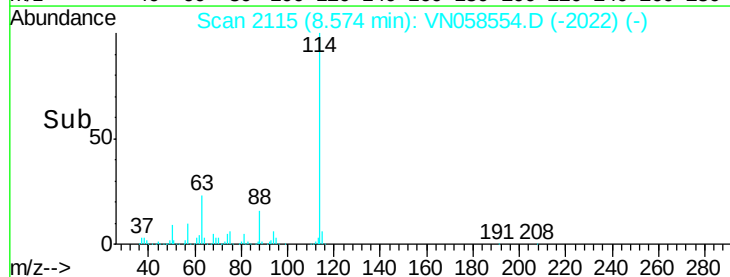
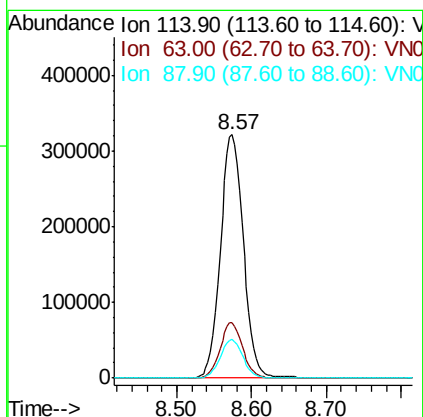
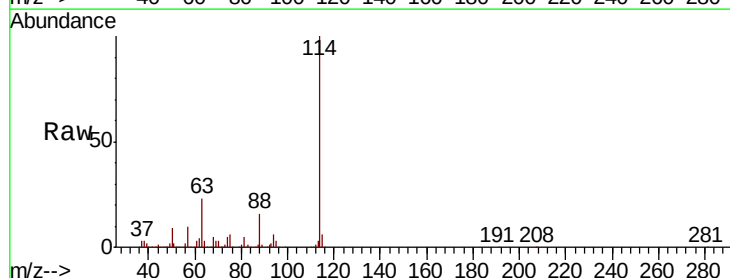
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24S_100219

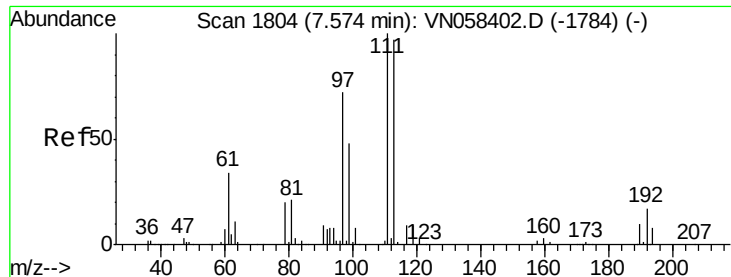
Tot Ion: 65 Resp: 296137
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058554.D
 Acq: 4 Oct 2019 20:12

Tgt Ion: 114 Resp: 683614
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 15.9 0.0 32.2

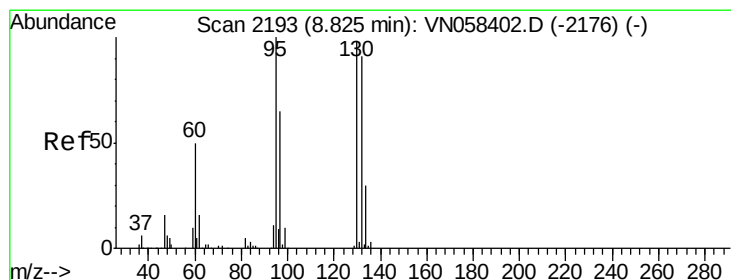
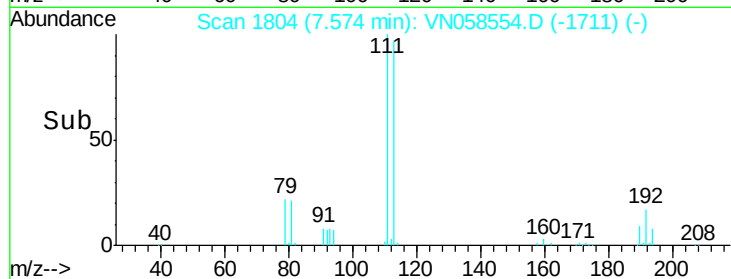
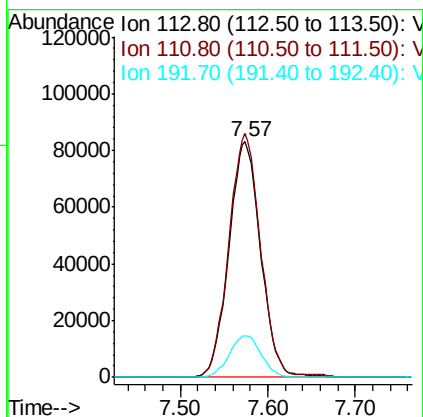
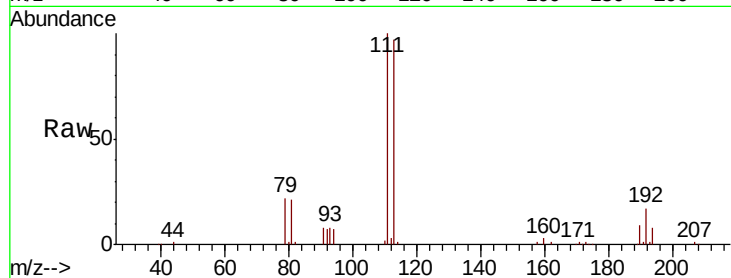




#35
Dibromofluoromethane
Concen: 50.011 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058554.D
Acq: 4 Oct 2019 20:12

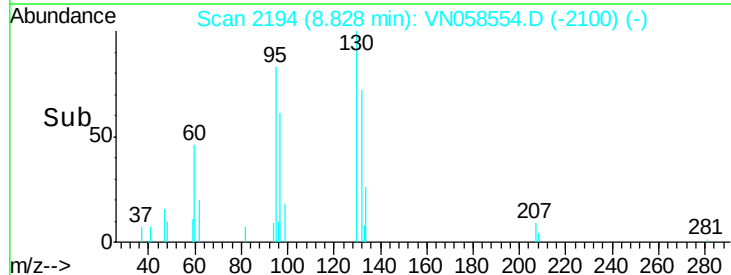
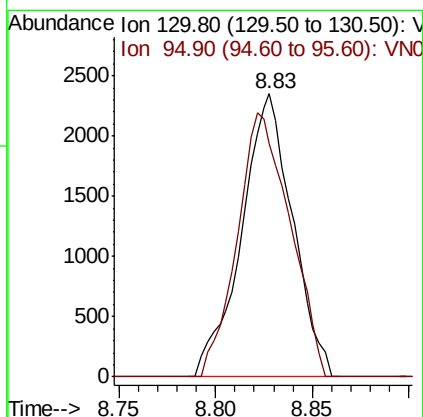
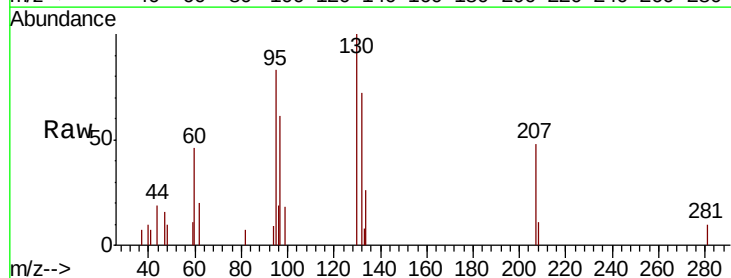
Instrument :
MSVOA_N
ClientSampleId :
MW-24S_100219

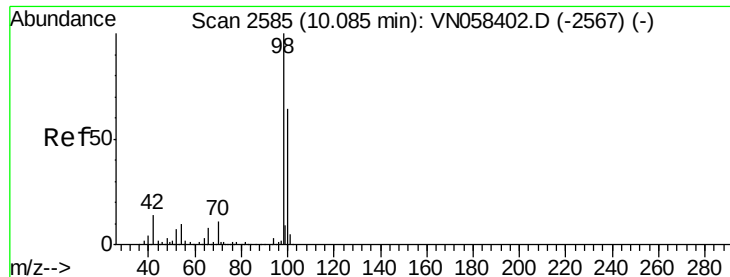
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	17.8	14.9	22.3



#44
Trichloroethene
Concen: 0.928 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058554.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.7	0.0	204.2





#50

Toluene-d8

Concen: 51.539 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058554.D

Acq: 4 Oct 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

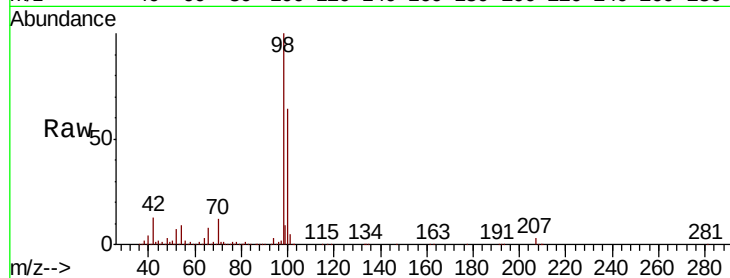
MW-24S_100219

Tot Ion: 98 Resp: 845917

Ion Ratio Lower Upper

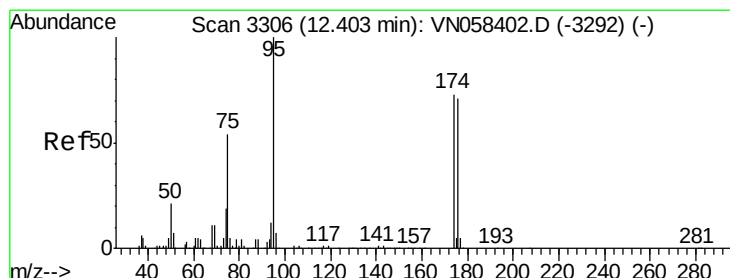
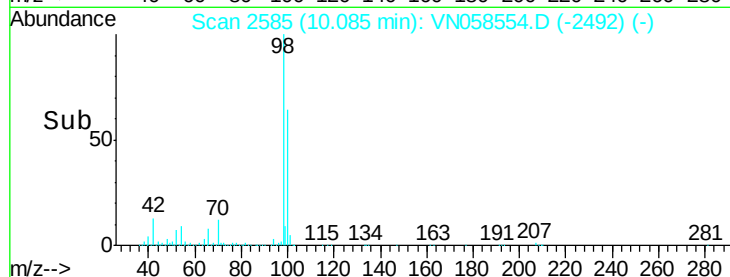
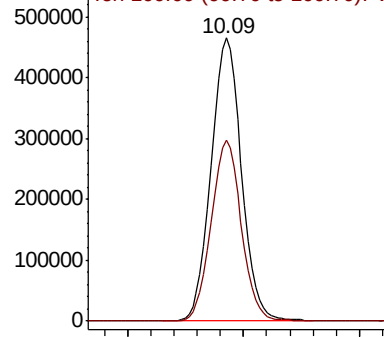
98 100

100 63.5 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: 47.538 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058554.D

Acq: 4 Oct 2019 20:12

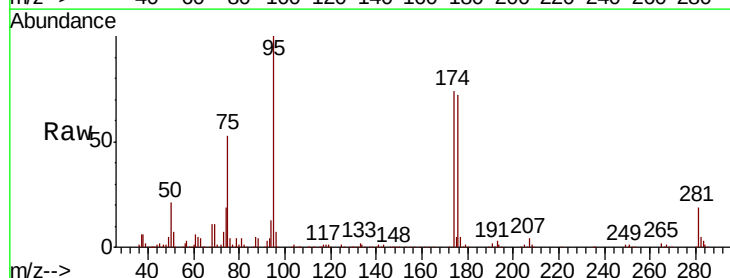
Tgt Ion: 95 Resp: 282126

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.6

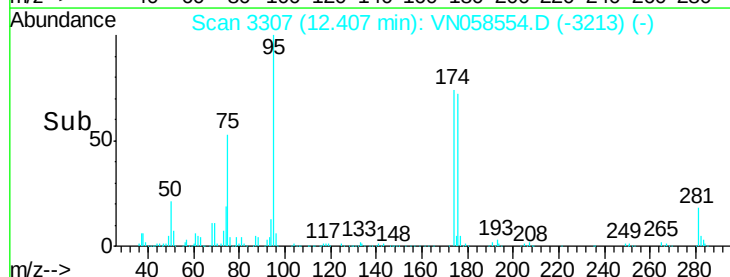
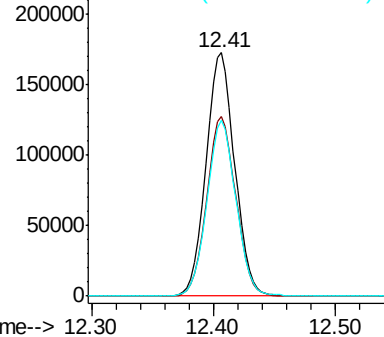
176 72.9 0.0 146.2

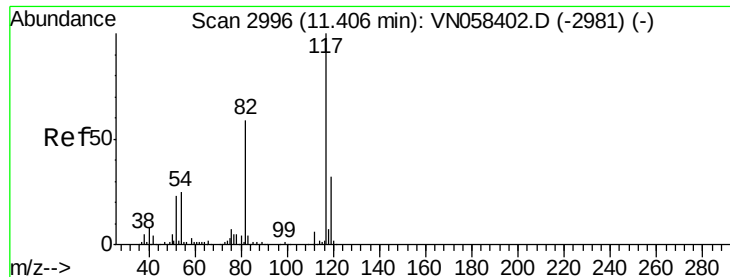


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

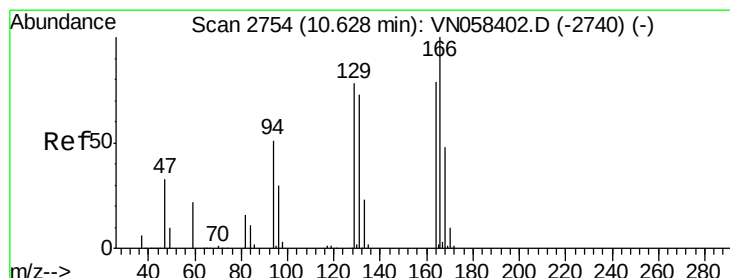
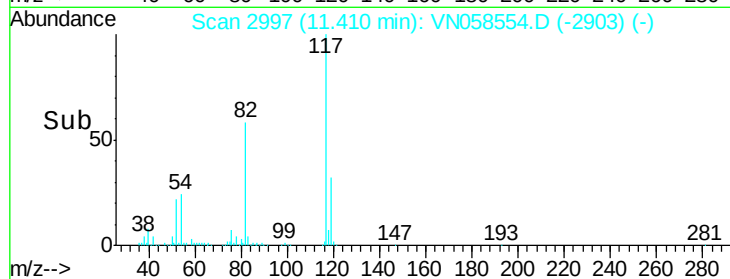
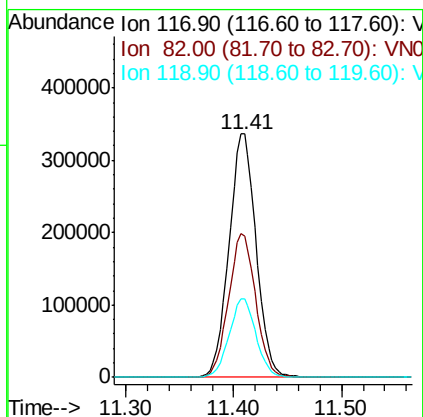
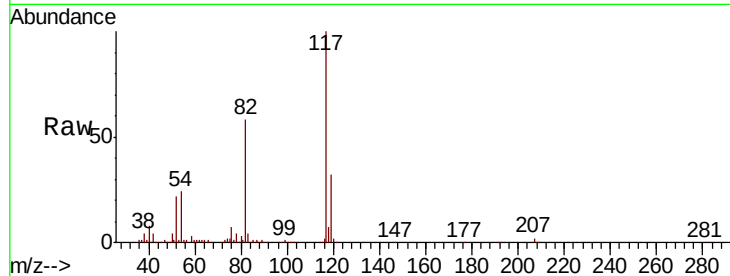




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058554.D
Acq: 4 Oct 2019 20:12

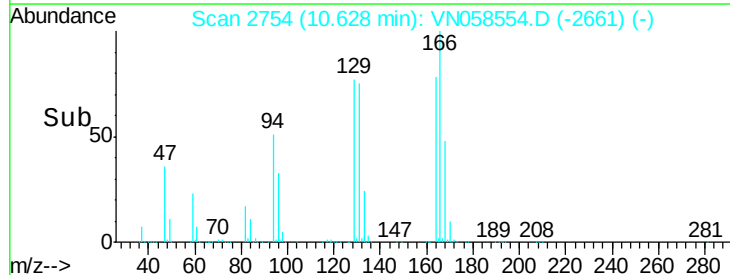
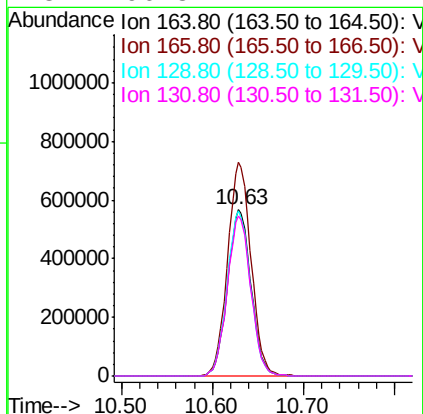
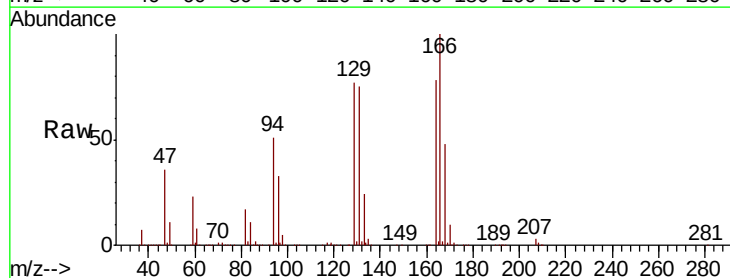
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MSVOA_N
ClientSampleId :
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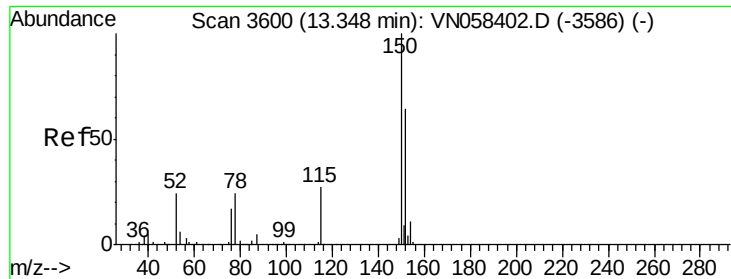
Tot Ion:117 Resp: 590559
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 270.161 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058554.D
Acq: 4 Oct 2019 20:12

Tgt Ion:164 Resp: 1013647
Ion Ratio Lower Upper
164 100
166 128.7 101.1 151.7
129 99.2 79.2 118.8
131 96.8 74.1 111.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058554.D

Acq: 4 Oct 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

MW-24S_100219

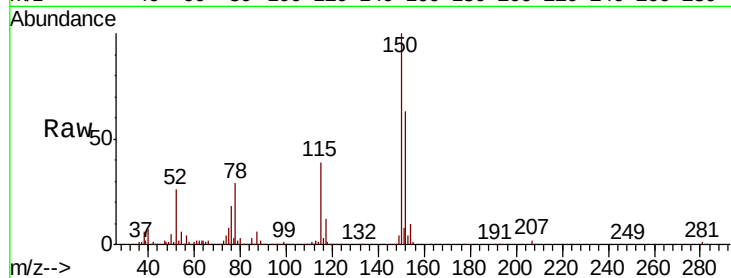
Tot Ion:152 Resp: 244295

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 158.3 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

