

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055523.D
 Acq On : 10 May 2019 2:54
 Operator : JC/SP
 Sample : K2758-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-20

Quant Time: May 10 13:52:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

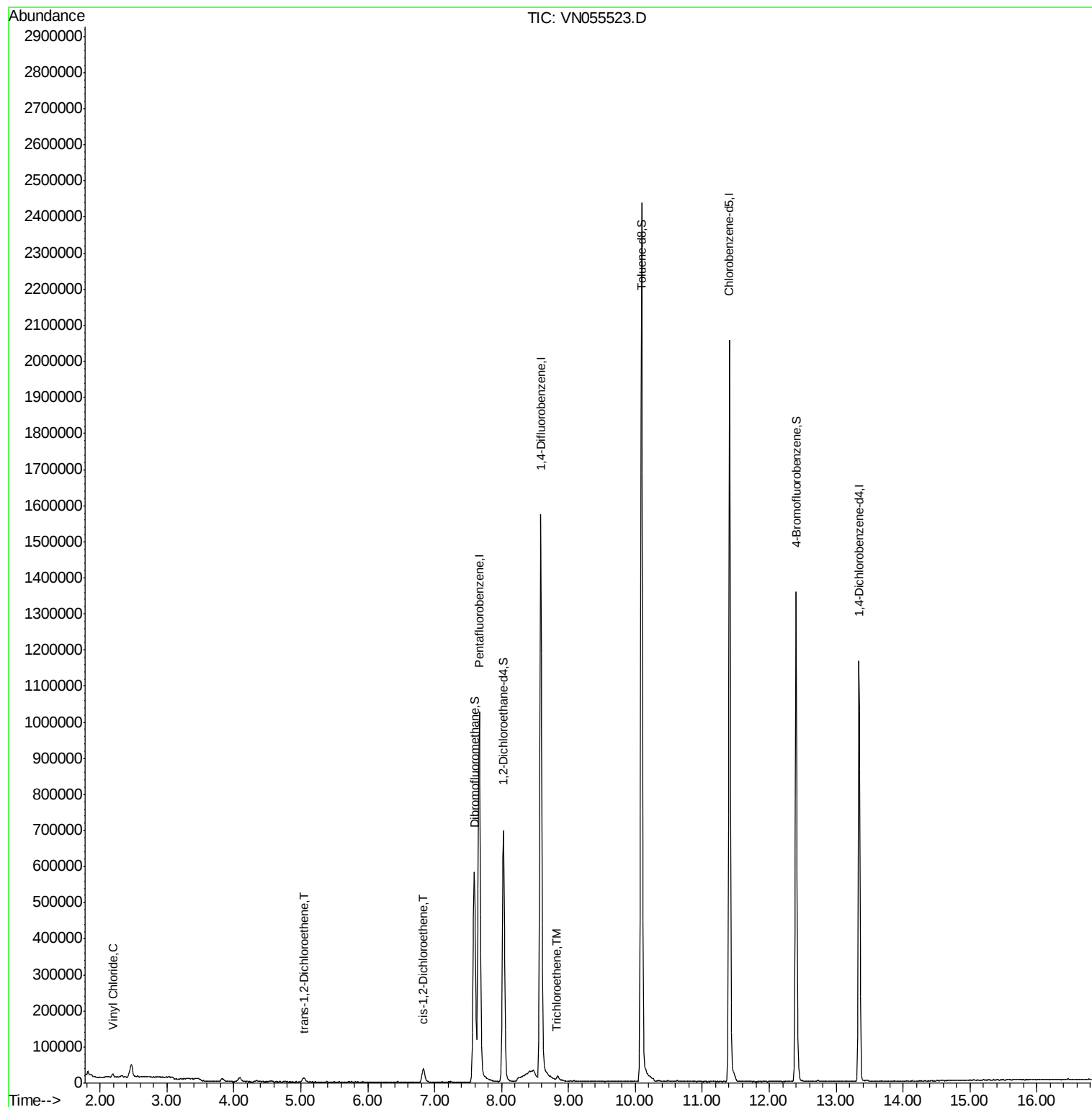
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	880716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1428910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1205969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	325287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	591368	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
35) Dibromofluoromethane	7.59	113	457834	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.09	98	1753991	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.40	95	503699	41.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.18%	
Target Compounds						
4) Vinyl Chloride	2.19	62	6665	0.485	ug/l	91
21) trans-1,2-Dichloroethene	5.05	96	4604	0.441	ug/l	85
27) cis-1,2-Dichloroethene	6.83	96	23099	1.915	ug/l	93
44) Trichloroethene	8.83	130	3568	0.343	ug/l	92

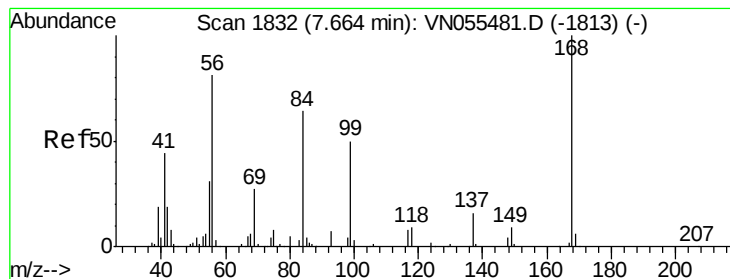
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055523.D

Acq: 10 May 2019 2:54

Instrument :

MSVOA_N

ClientSampleId :

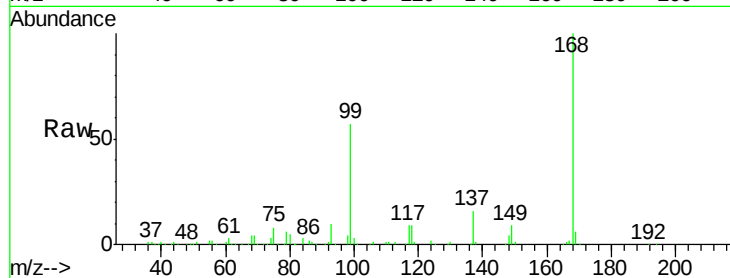
CKMW-20

Tot Ion:168 Resp: 880716

Ion Ratio Lower Upper

168 100

99 57.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

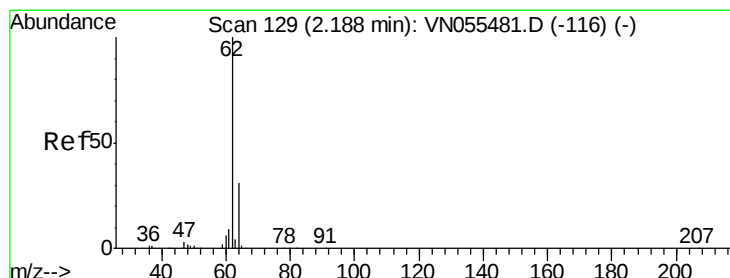
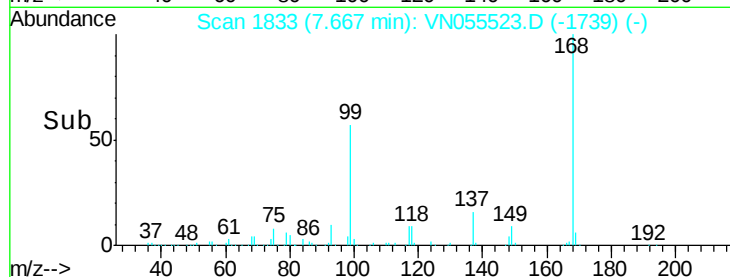
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 0.485 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055523.D

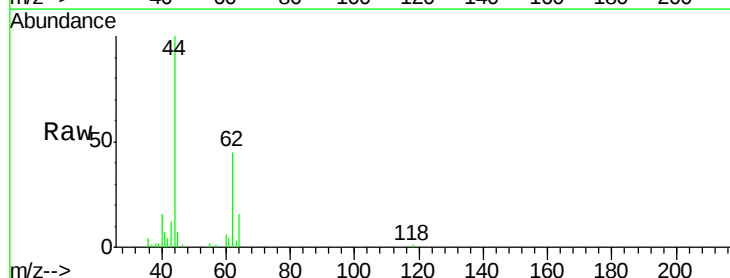
Acq: 10 May 2019 2:54

Tgt Ion: 62 Resp: 6665

Ion Ratio Lower Upper

62 100

64 36.2 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

5000

4000

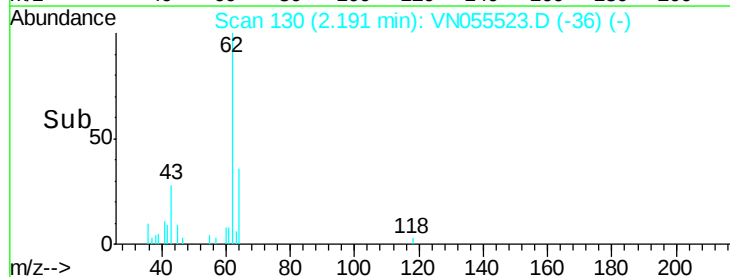
3000

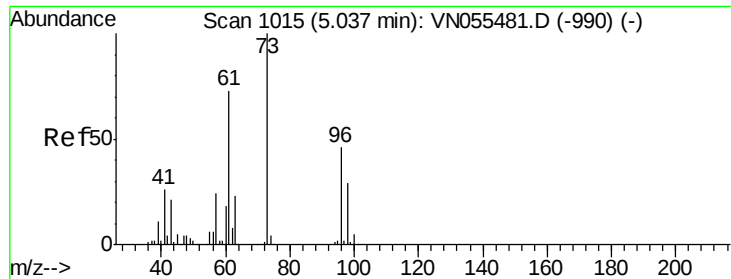
2000

1000

0

Time--> 2.15 2.20





#21

trans-1,2-Dichloroethene

Concen: 0.441 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VN055523.D

Acq: 10 May 2019 2:54

Instrument :

MSVOA_N

ClientSampled :

CKMW-20

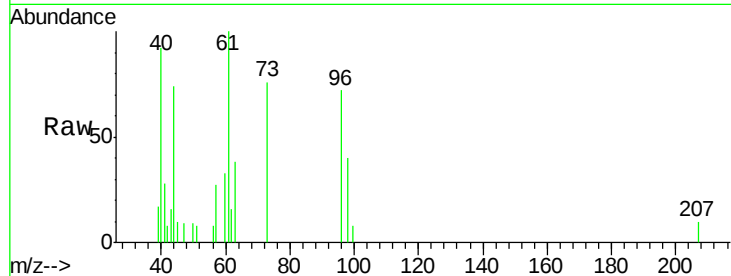
Tot Ion: 96 Resp: 4604

Ion Ratio Lower Upper

96 100

61 138.7 127.4 191.0

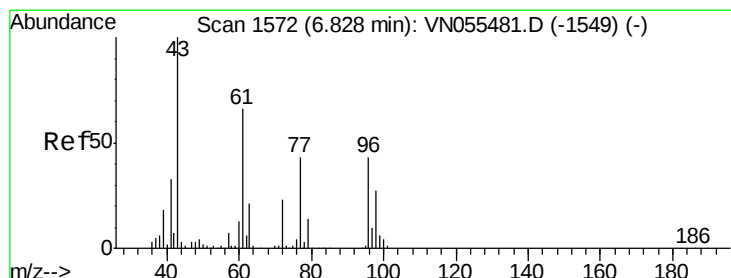
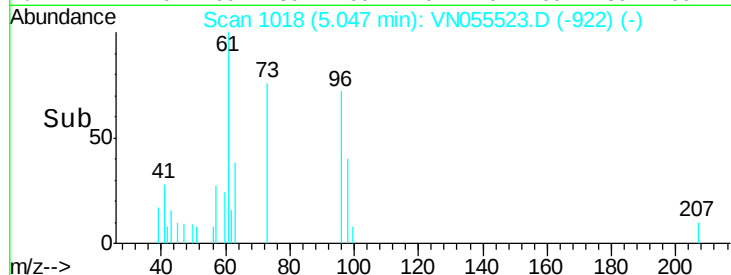
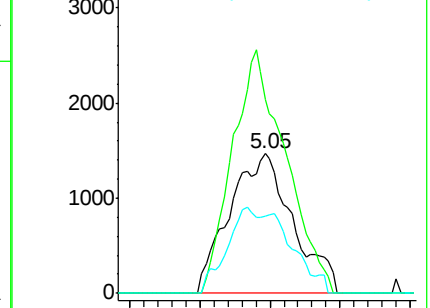
98 55.0 51.6 77.4



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: 1.915 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055523.D

Acq: 10 May 2019 2:54

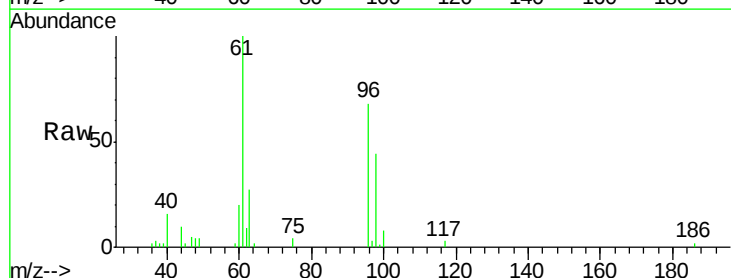
Tgt Ion: 96 Resp: 23099

Ion Ratio Lower Upper

96 100

61 142.7 0.0 310.8

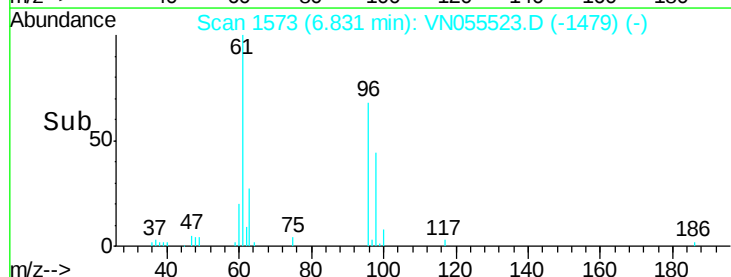
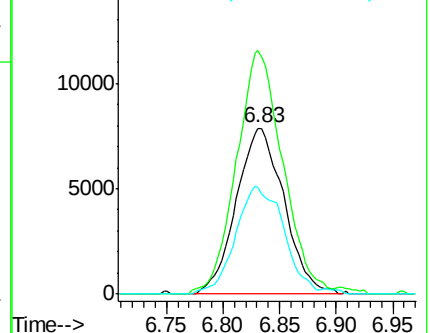
98 65.5 0.0 129.4

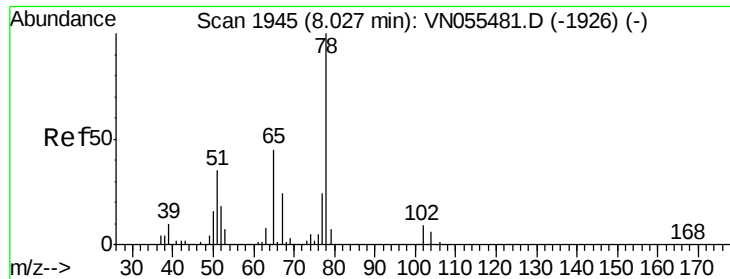


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

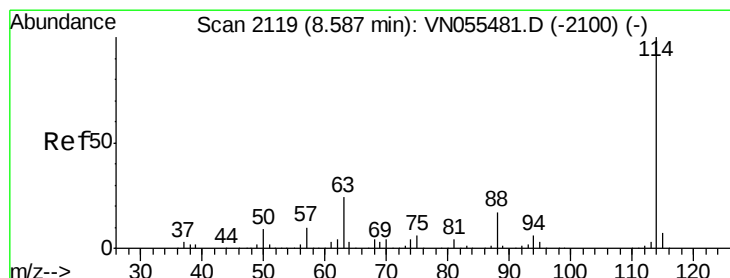
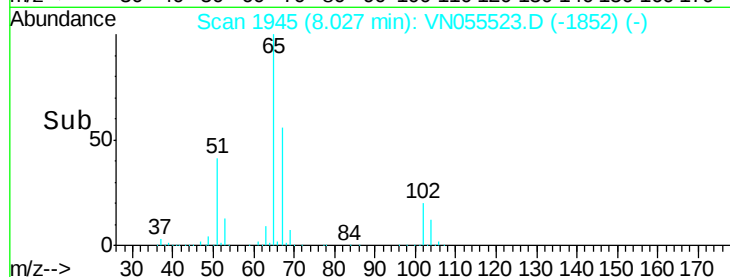
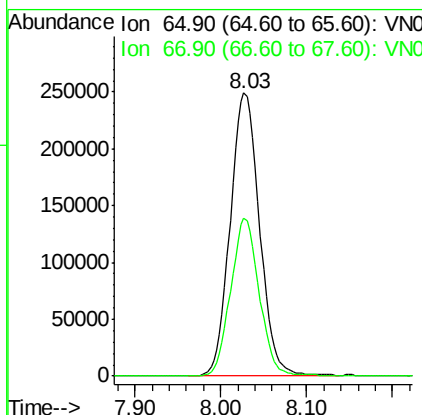
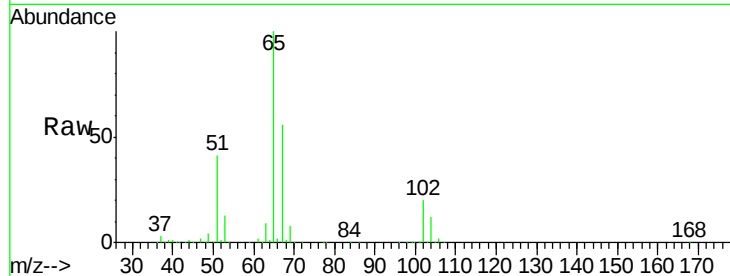




#33
 1,2-Dichloroethane-d4
 Concen: 44.596 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055523.D
 Acq: 10 May 2019 2:54

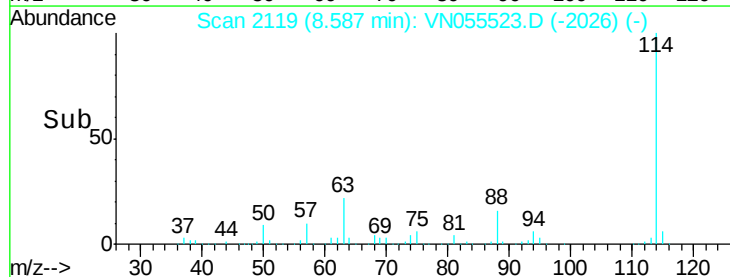
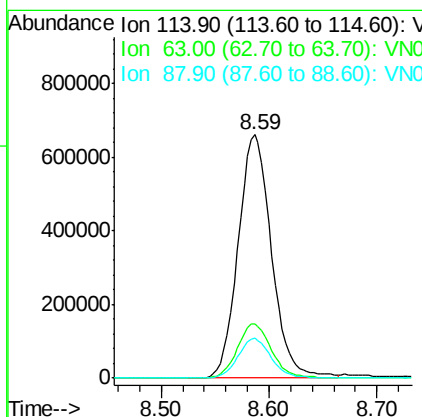
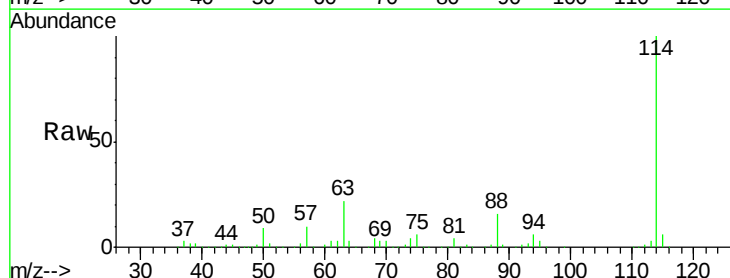
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-20

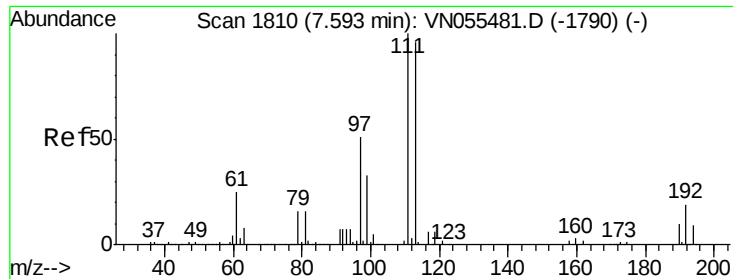
Tot Ion: 65 Resp: 591368
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055523.D
 Acq: 10 May 2019 2:54

Tgt Ion: 114 Resp: 1428910
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 47.4
 88 16.2 0.0 34.0

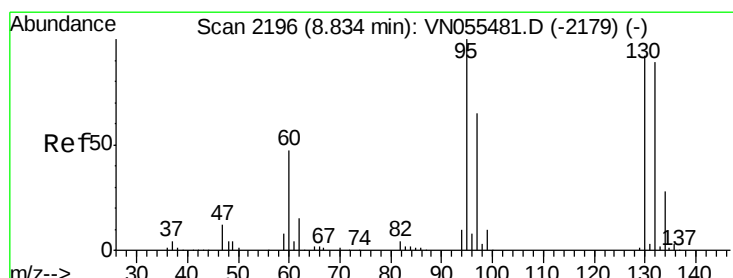
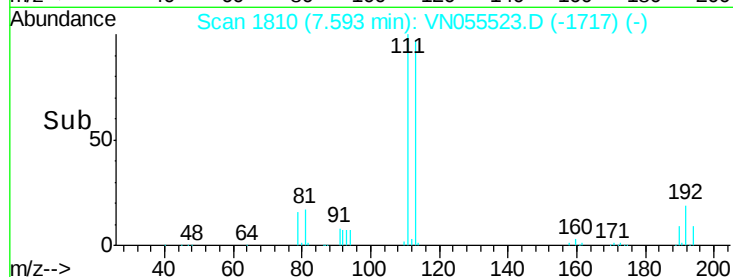
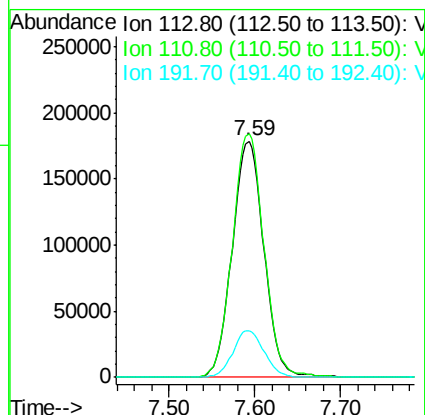
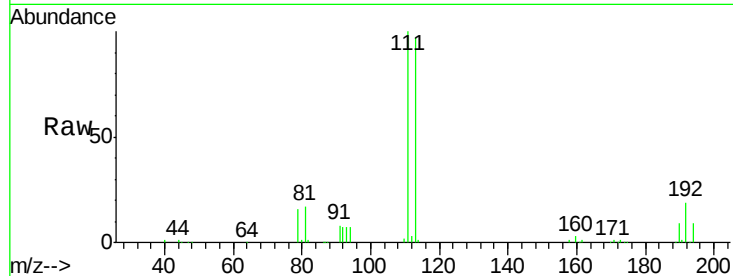




#35
 Dibromofluoromethane
 Concen: 49.670 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055523.D
 Acq: 10 May 2019 2:54

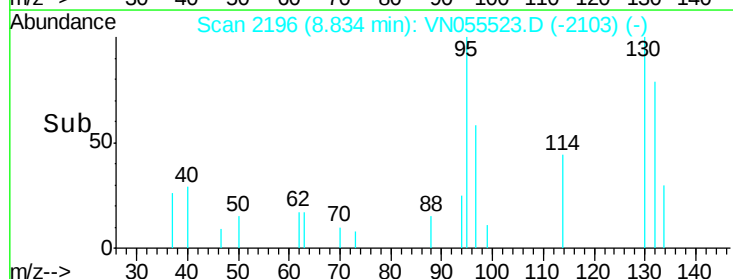
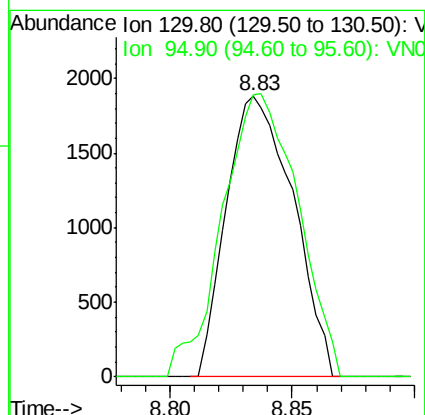
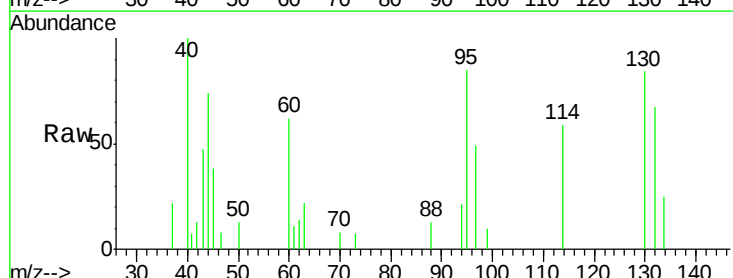
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-20

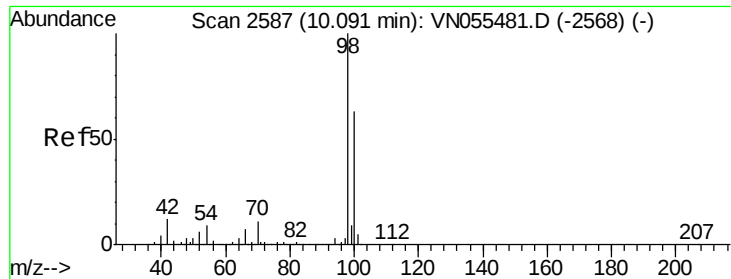
Tot Ion:113 Resp: 457834
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 19.5 15.6 23.4



#44
 Trichloroethene
 Concen: 0.343 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN055523.D
 Acq: 10 May 2019 2:54

Tgt Ion:130 Resp: 3568
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 216.8





#50

Toluene-d8

Concen: 48.830 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055523.D

Acq: 10 May 2019 2:54

Instrument :

MSVOA_N

ClientSampled :

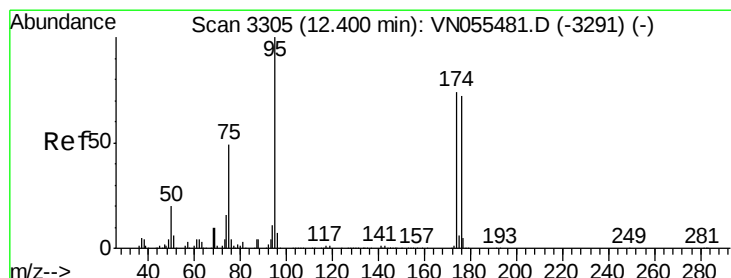
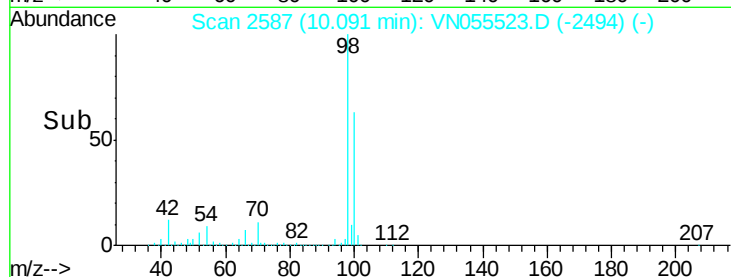
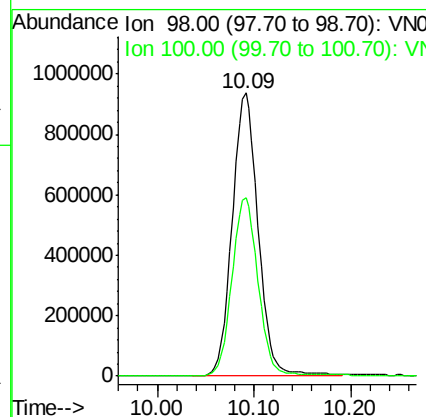
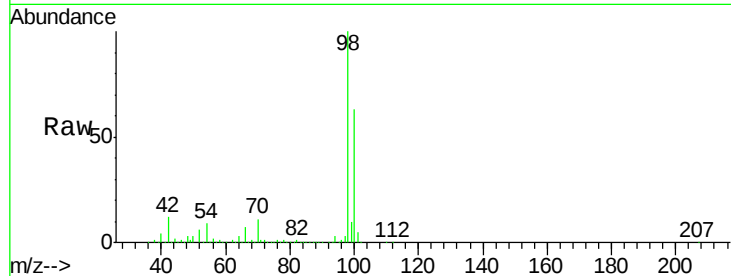
CKMW-20

Tot Ion: 98 Resp: 1753991

Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 41.588 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055523.D

Acq: 10 May 2019 2:54

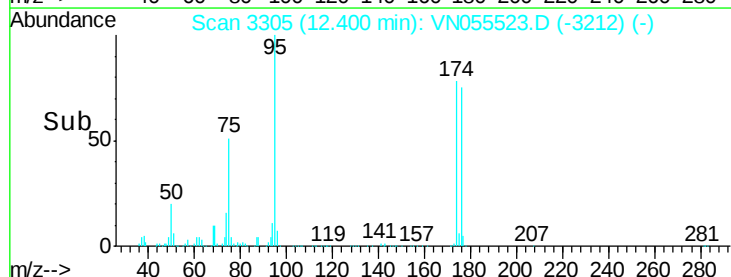
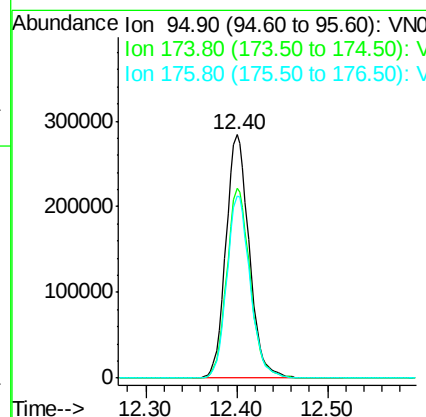
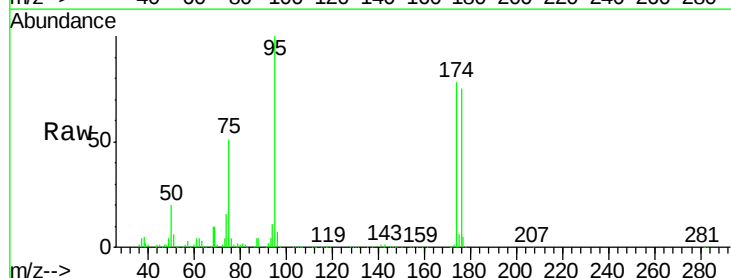
Tgt Ion: 95 Resp: 503699

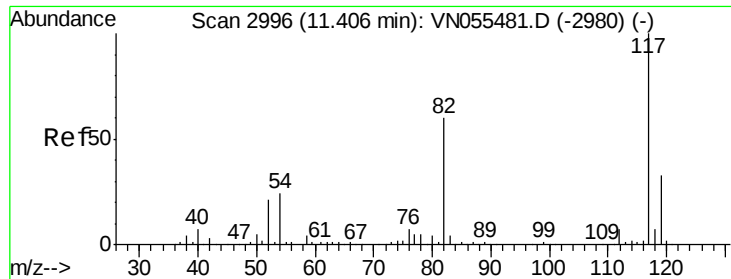
Ion Ratio Lower Upper

95 100

174 78.4 0.0 152.2

176 75.2 0.0 147.8

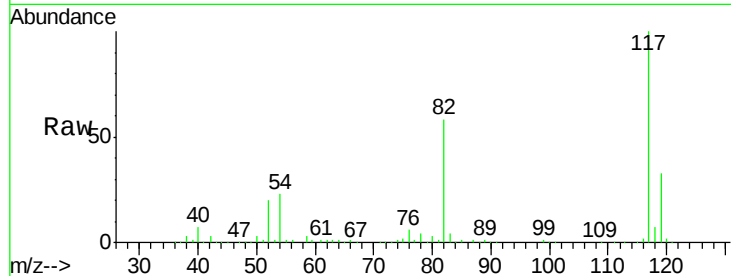




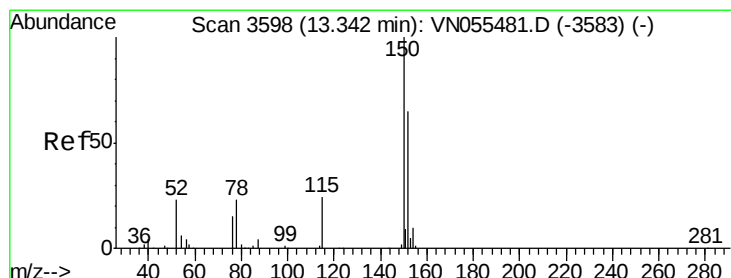
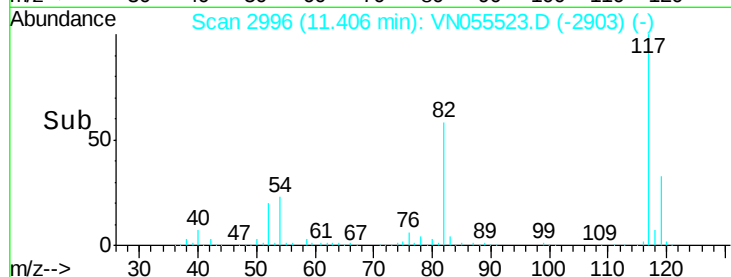
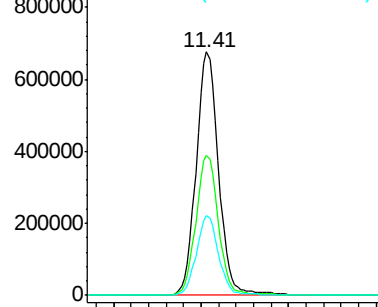
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055523.D
Acq: 10 May 2019 2:54

Instrument :
MSVOA_N
ClientSampleId :
CKMW-20

Tot Ion:117 Resp: 1205969
Ion Ratio Lower Upper
117 100
82 57.6 48.0 72.0
119 32.8 26.0 39.0

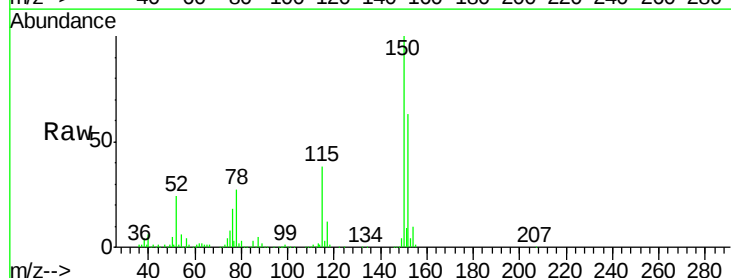


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055523.D
Acq: 10 May 2019 2:54

Tgt Ion:152 Resp: 325287
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 156.8 0.0 355.0



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

