

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055530.D
 Acq On : 10 May 2019 5:49
 Operator : JC/SP
 Sample : K2758-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-24

Quant Time: May 10 13:56:14 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

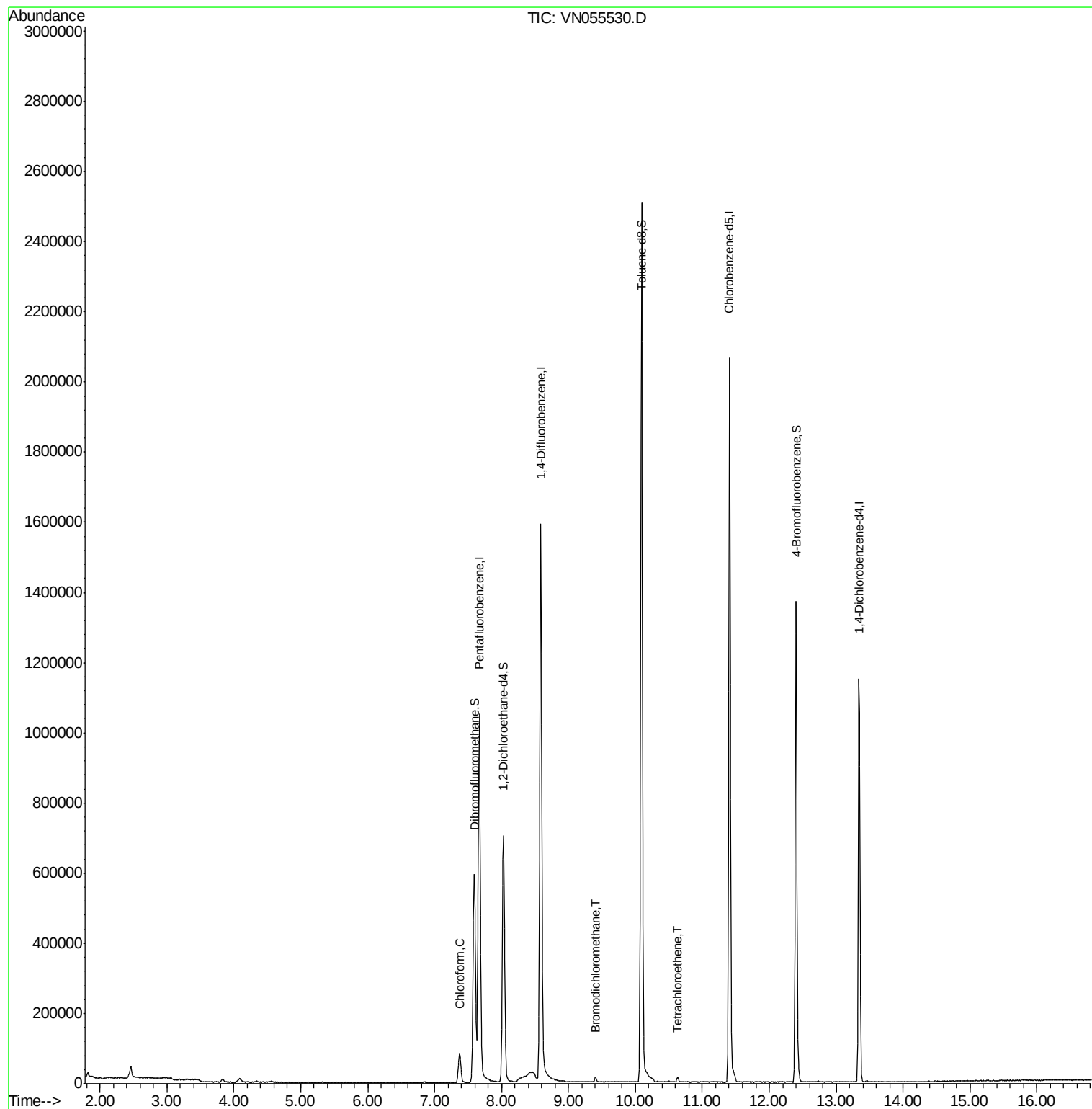
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	885415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1491004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1228753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	605725	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
35) Dibromofluoromethane	7.59	113	466332	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.09	98	1776513	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.40	95	504753	39.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.88%	
Target Compounds						
30) Chloroform	7.37	83	91335	4.543	ug/l	96
47) Bromodichloromethane	9.40	83	9799	0.677	ug/l	99
64) Tetrachloroethene	10.63	164	3329	0.331	ug/l #	87

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055530.D
Acq On : 10 May 2019 5:49
Operator : JC/SP
Sample : K2758-30
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CKMW-24

Quant Time: May 10 13:56:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055530.D

Acq: 10 May 2019 5:49

Instrument :

MSVOA_N

ClientSampleId :

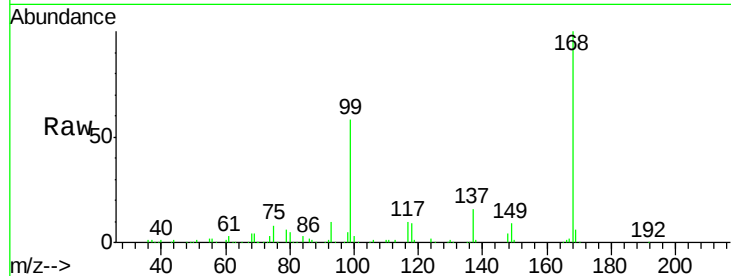
CKMW-24

Tot Ion:168 Resp: 885415

Ion Ratio Lower Upper

168 100

99 57.5 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055530.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055530.D (-1739) (-)

7.67

400000

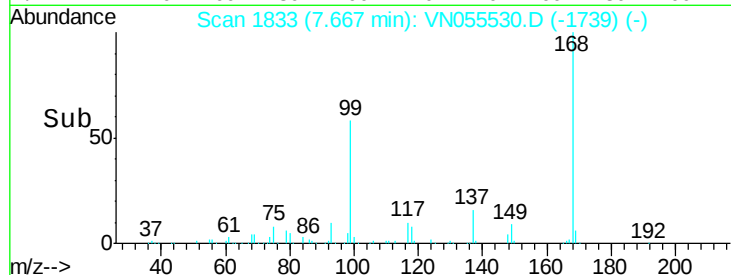
300000

200000

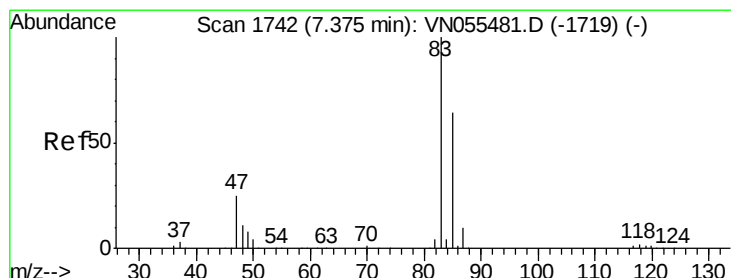
100000

0

7.50 7.60 7.70 7.80



Time-->



#30

Chloroform

Concen: 4.543 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055530.D

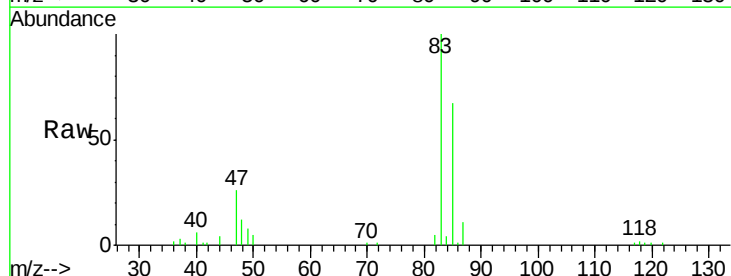
Acq: 10 May 2019 5:49

Tgt Ion: 83 Resp: 91335

Ion Ratio Lower Upper

83 100

85 67.3 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN055530.D (-1649) (-)

Ion 84.90 (84.60 to 85.60): VN055530.D (-1649) (-)

7.37

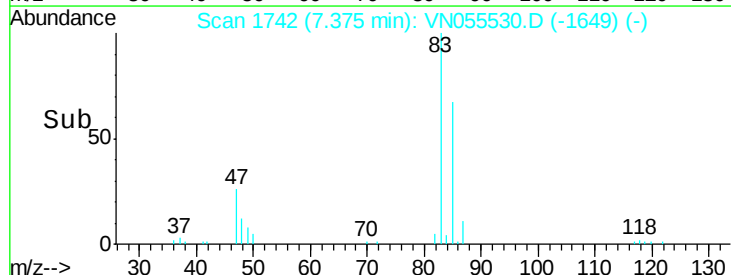
30000

20000

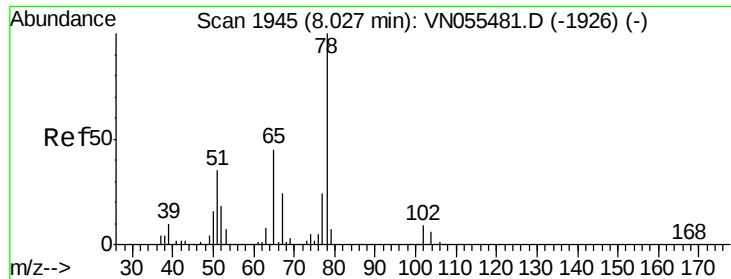
10000

0

7.30 7.40 7.50



Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.436 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055530.D

Acq: 10 May 2019 5:49

Instrument :

MSVOA_N

ClientSampleId :

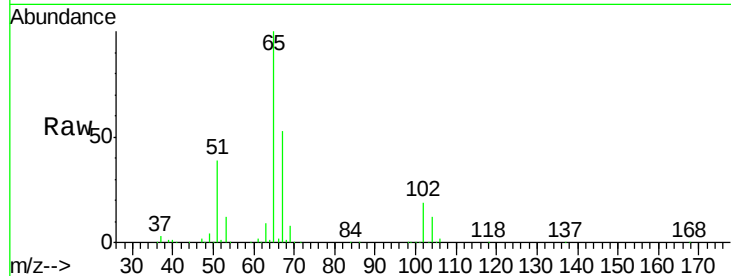
CKMW-24

Tot Ion: 65 Resp: 605725

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN055530.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055530.D (-1852) (-)

8.03

250000

200000

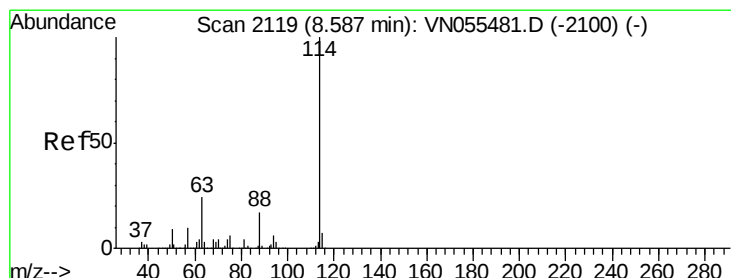
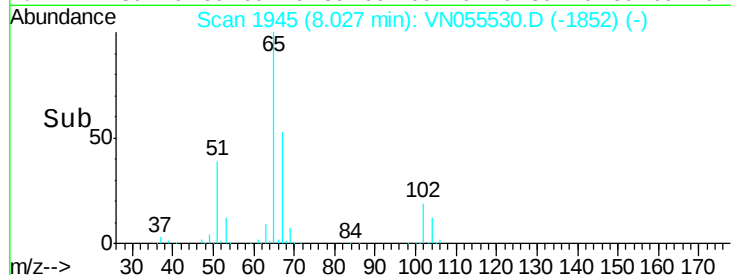
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055530.D

Acq: 10 May 2019 5:49

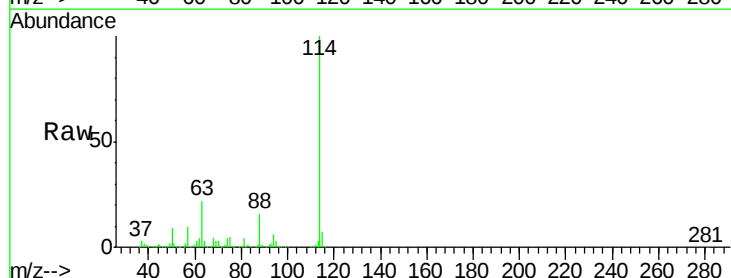
Tgt Ion: 114 Resp: 1491004

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.4

88 16.3 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN055530.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055530.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055530.D (-2026) (-)

8.59

800000

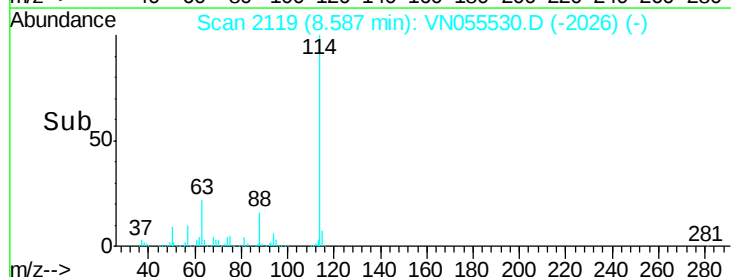
600000

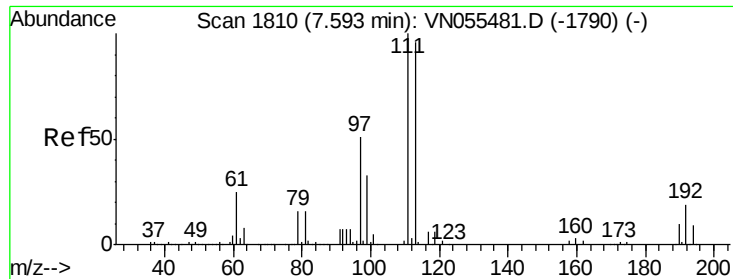
400000

200000

0

Time-->

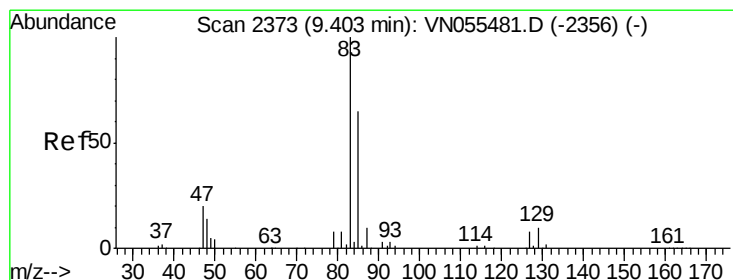
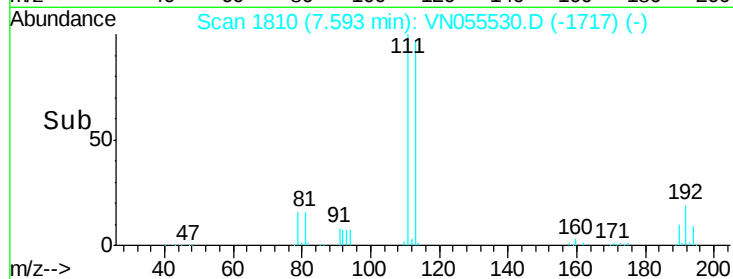
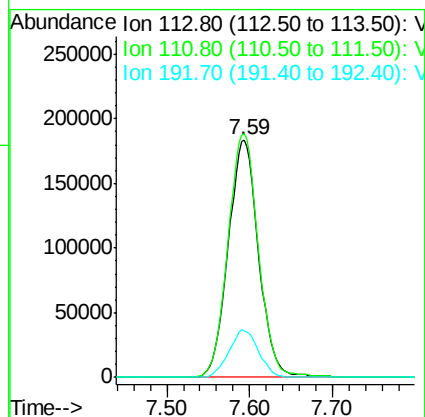
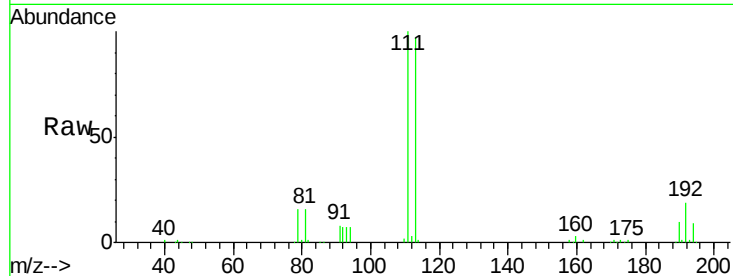




#35
 Dibromofluoromethane
 Concen: 48.485 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055530.D
 Acq: 10 May 2019 5:49

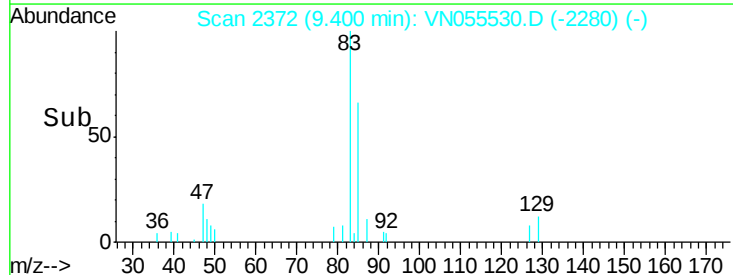
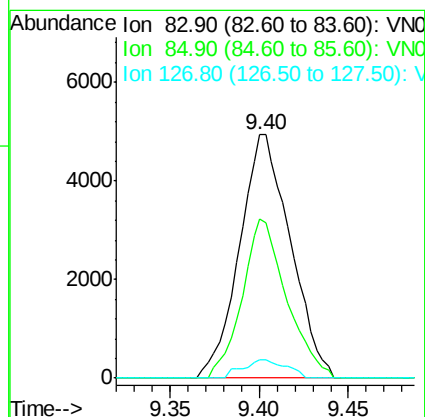
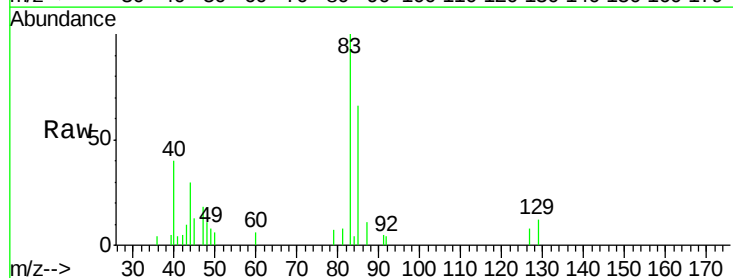
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-24

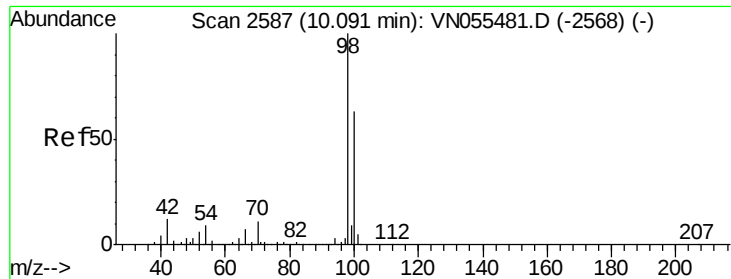
Tot Ion:113 Resp: 466332
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 19.7 15.6 23.4



#47
 Bromodichloromethane
 Concen: 0.677 ug/l
 RT: 9.40 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: VN055530.D
 Acq: 10 May 2019 5:49

Tgt Ion: 83 Resp: 9799
 Ion Ratio Lower Upper
 83 100
 85 65.6 52.2 78.2
 127 7.8 6.5 9.7





#50

Toluene-d8

Concen: 47.398 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055530.D

Acq: 10 May 2019 5:49

Instrument :

MSVOA_N

ClientSampled :

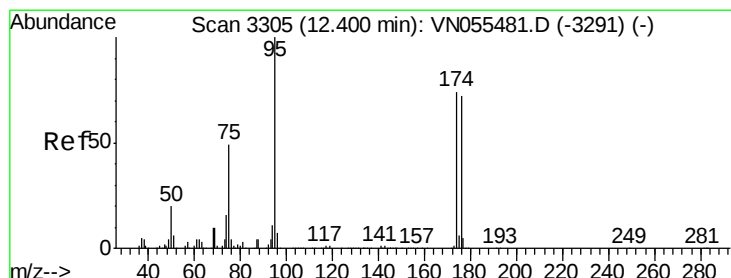
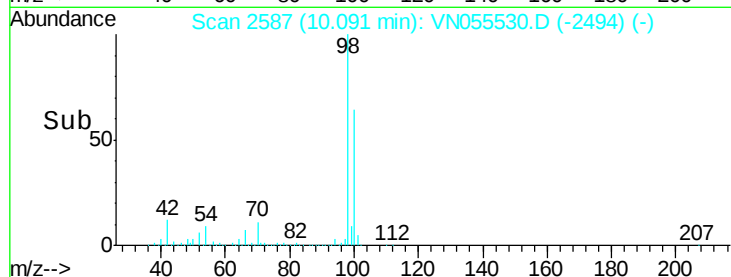
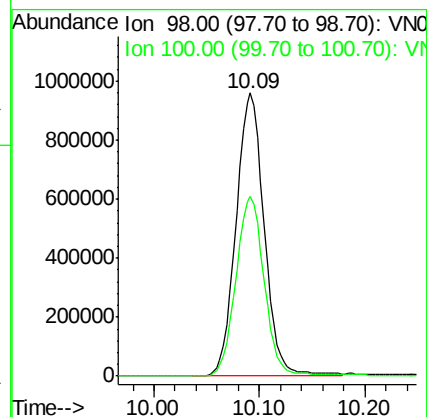
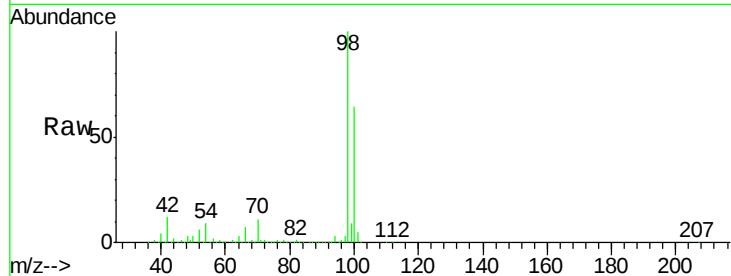
CKMW-24

Tot Ion: 98 Resp: 1776513

Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 39.939 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055530.D

Acq: 10 May 2019 5:49

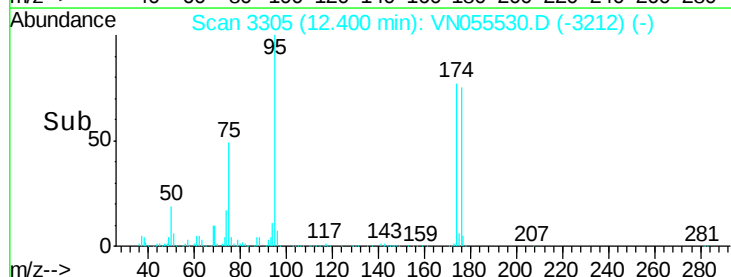
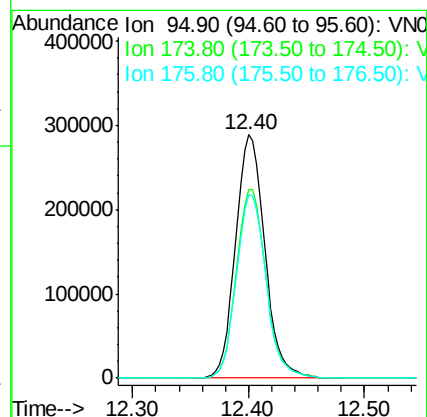
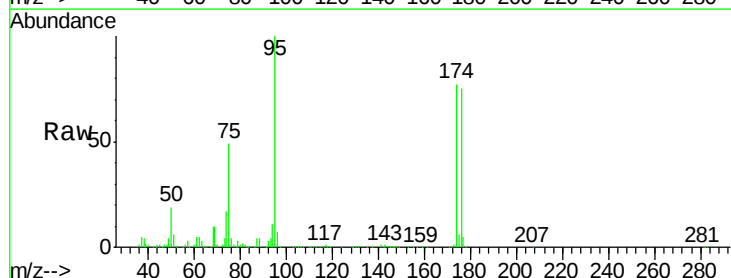
Tgt Ion: 95 Resp: 504753

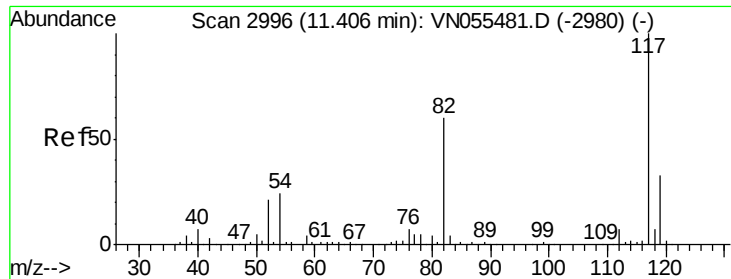
Ion Ratio Lower Upper

95 100

174 78.7 0.0 152.2

176 76.1 0.0 147.8

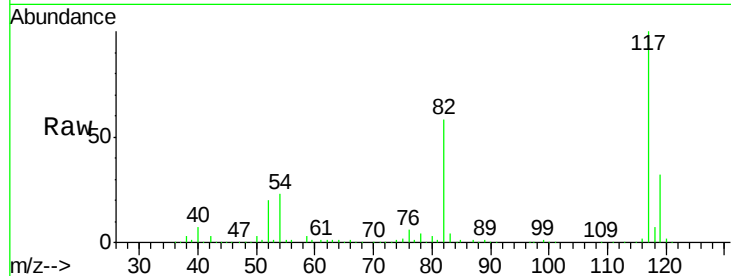




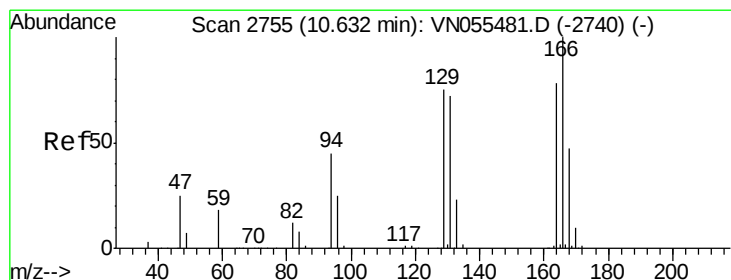
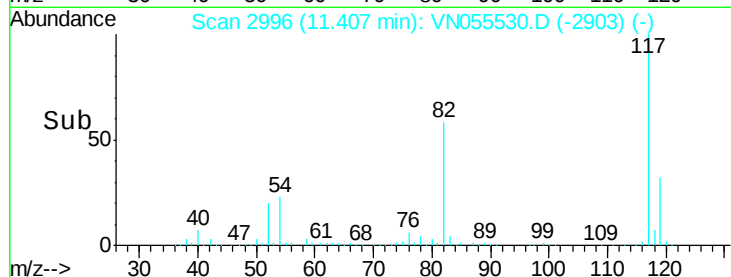
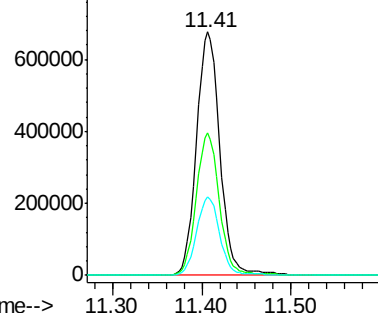
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055530.D
Acq: 10 May 2019 5:49

Instrument :
MSVOA_N
ClientSampleId :
CKMW-24

Tot Ion:117 Resp: 1228753
Ion Ratio Lower Upper
117 100
82 58.4 48.0 72.0
119 32.0 26.0 39.0

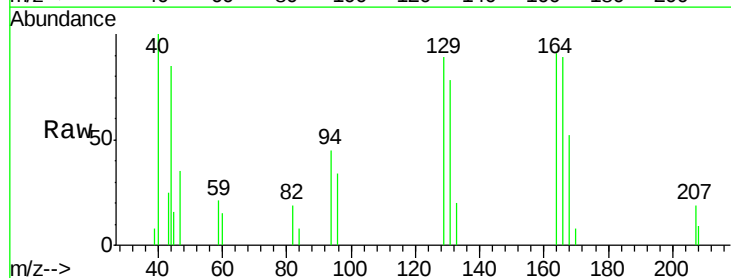


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

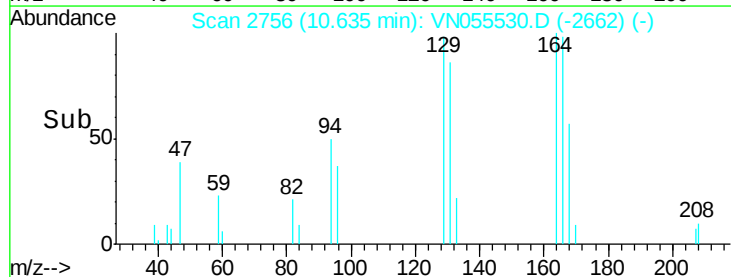
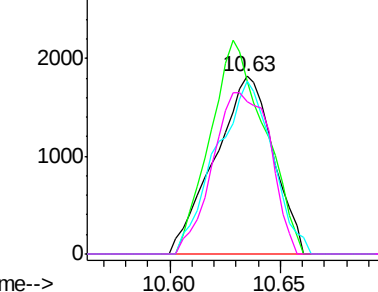


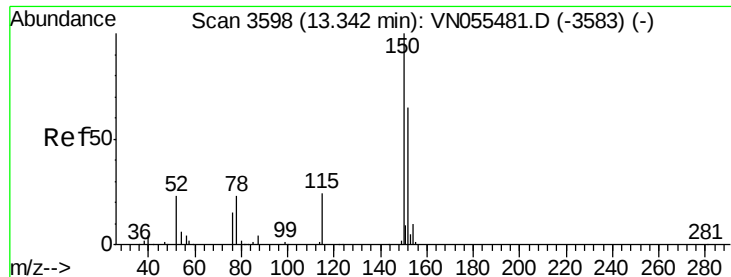
#64
Tetrachloroethene
Concen: 0.331 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN055530.D
Acq: 10 May 2019 5:49

Tgt Ion:164 Resp: 3329
Ion Ratio Lower Upper
164 100
166 97.7 102.6 153.8#
129 97.7 77.0 115.6
131 86.0 73.7 110.5



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# 3599

Delta R.T. 0.00 min

Lab File: VN055530.D

Acq: 10 May 2019 5:49

Instrument :

MSVOA_N

ClientSampleId :

CKMW-24

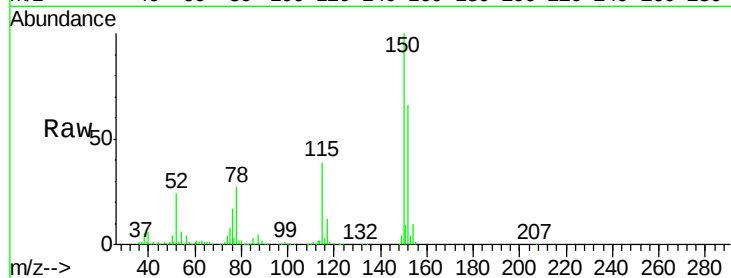
Tot Ion:152 Resp: 324127

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.5

150 155.8 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

