

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055519.D
 Acq On : 10 May 2019 1:14
 Operator : JC/SP
 Sample : K2758-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-02

Quant Time: May 10 13:51:09 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

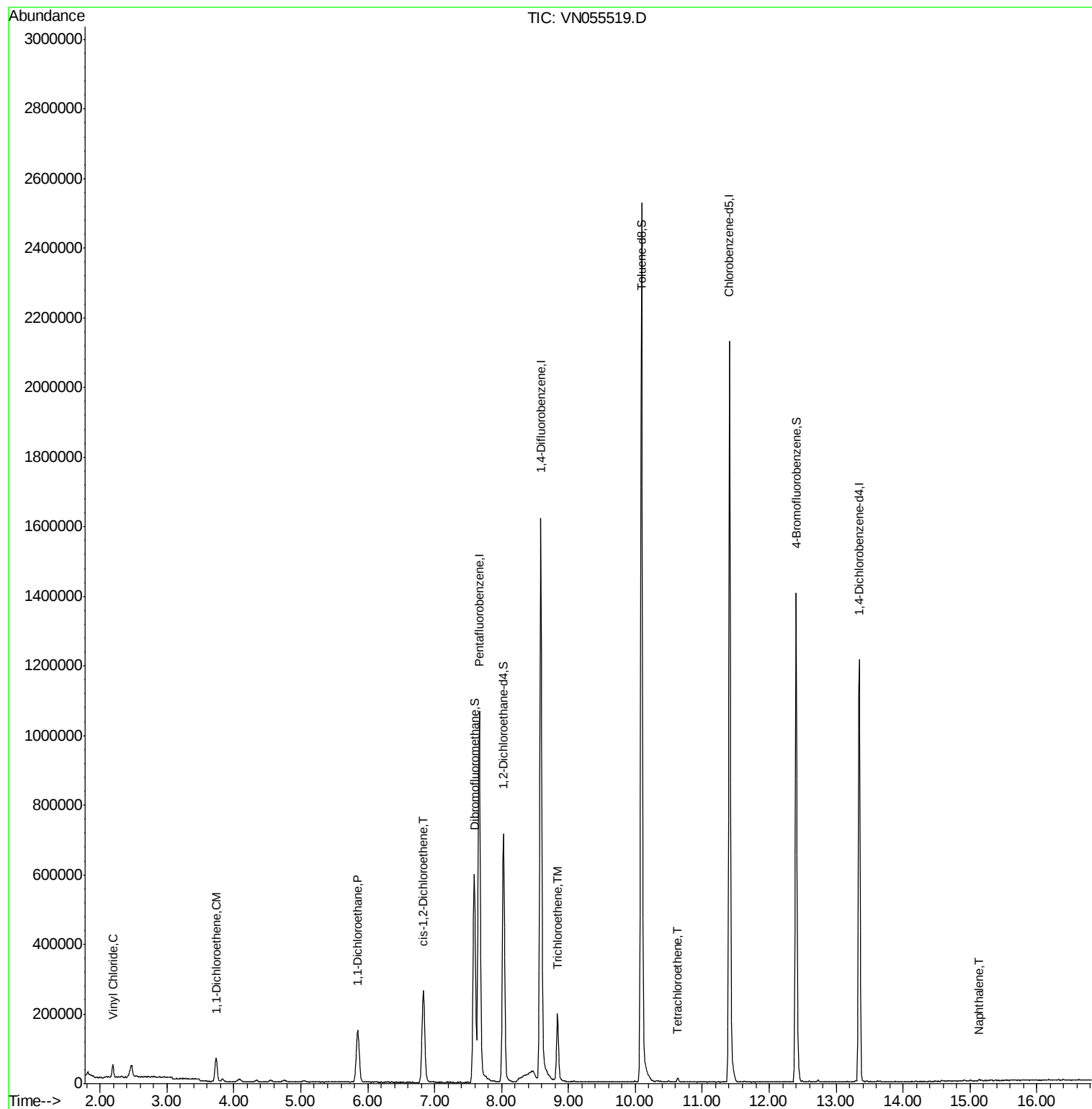
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	889127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1507290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1269364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	605584	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	7.59	113	468394	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.09	98	1841930	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	531311	41.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.18%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.19	62	34989	2.520	ug/l	99
12) 1,1-Dichloroethene	3.73	96	34629	3.564	ug/l	98
24) 1,1-Dichloroethane	5.85	63	233508	10.693	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	169721	13.939	ug/l	91
44) Trichloroethene	8.83	130	70948	6.470	ug/l	99
64) Tetrachloroethene	10.63	164	2663	0.256	ug/l	90
95) Naphthalene	15.13	128	3677	3.174	ug/l #	90

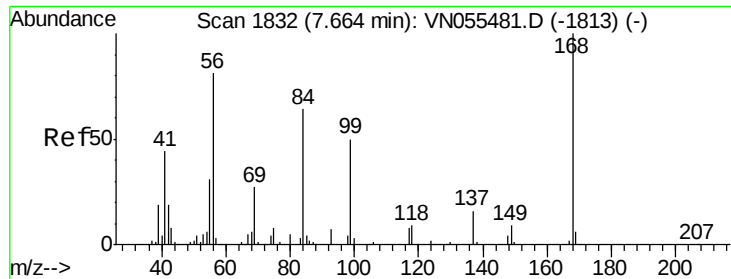
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055519.D
Acq On : 10 May 2019 1:14
Operator : JC/SP
Sample : K2758-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

Quant Time: May 10 13:51:09 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: VN055519.D

Acq: 10 May 2019 1:14

Instrument :

MSVOA_N

ClientSampleId :

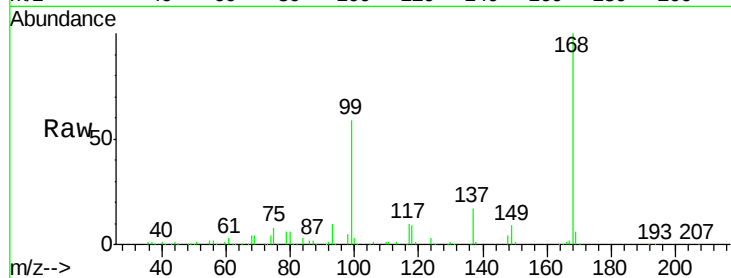
CKMW-02

Tot Ion:168 Resp: 889127

Ion Ratio Lower Upper

168 100

99 58.6 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

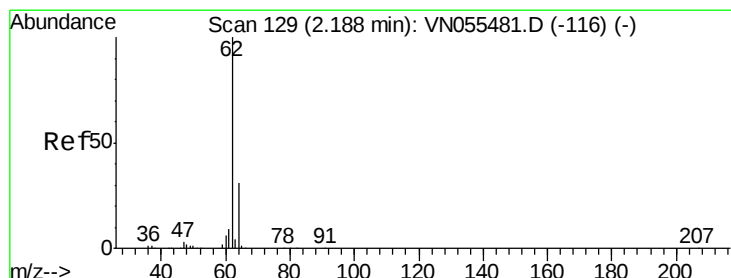
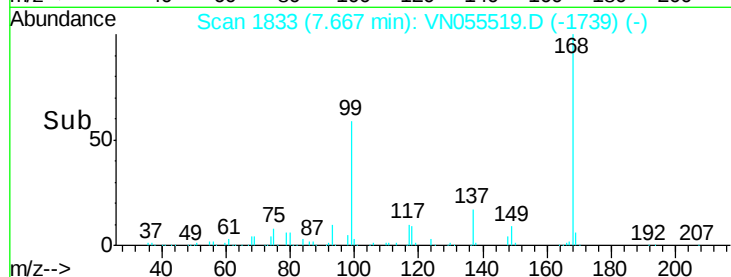
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 2.520 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055519.D

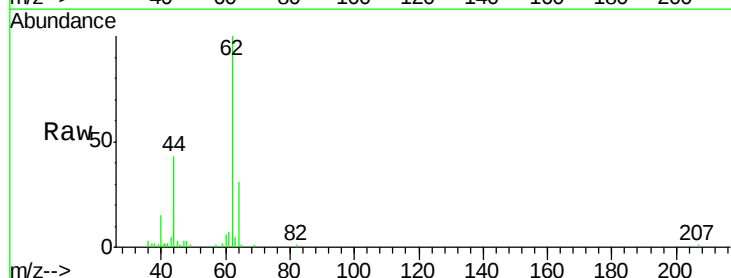
Acq: 10 May 2019 1:14

Tgt Ion: 62 Resp: 34989

Ion Ratio Lower Upper

62 100

64 30.6 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

25000

20000

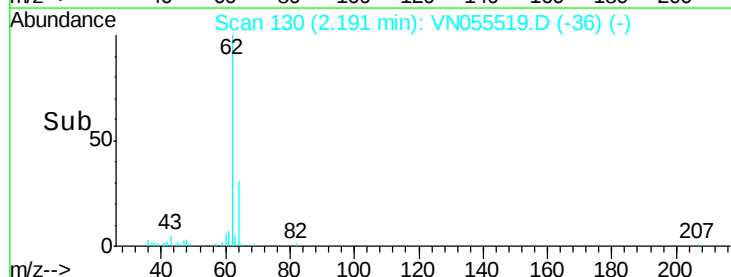
15000

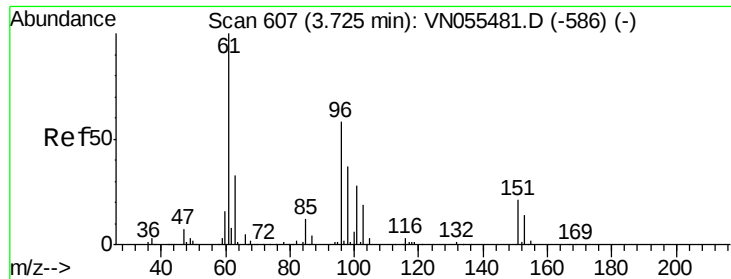
10000

5000

0

Time-->

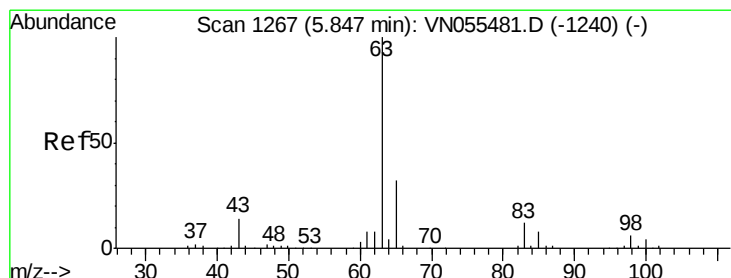
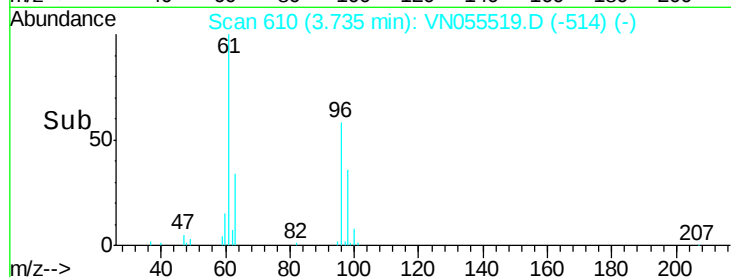
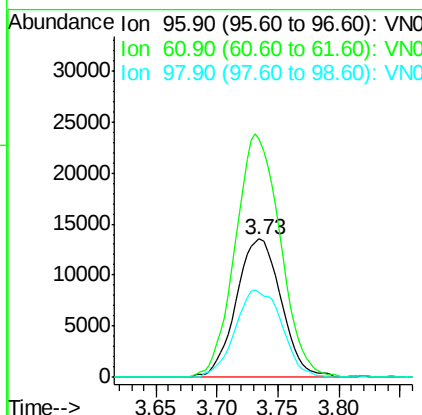
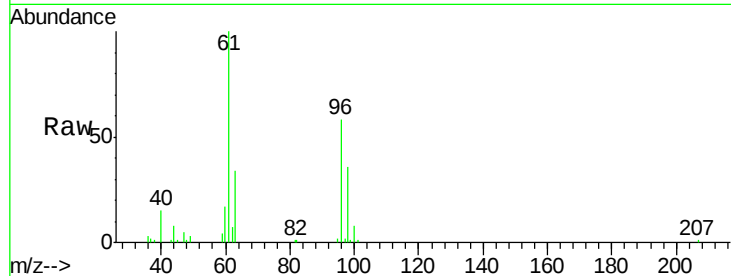




#12
 1,1-Dichloroethene
 Concen: 3.564 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VN055519.D
 Acq: 10 May 2019 1:14

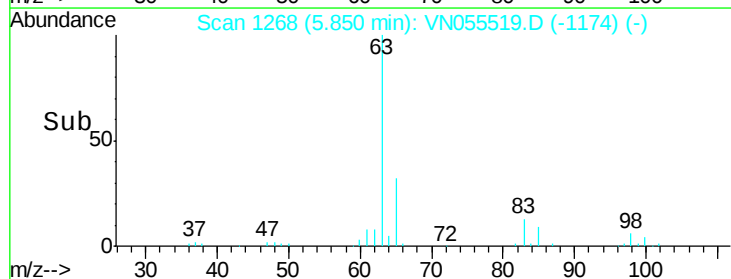
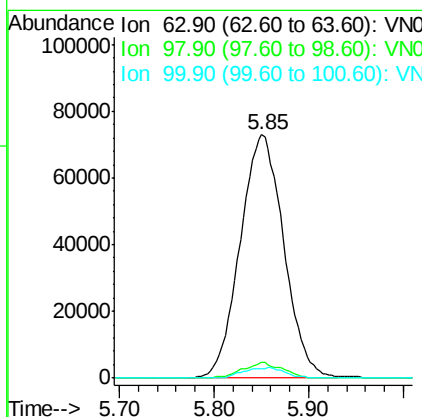
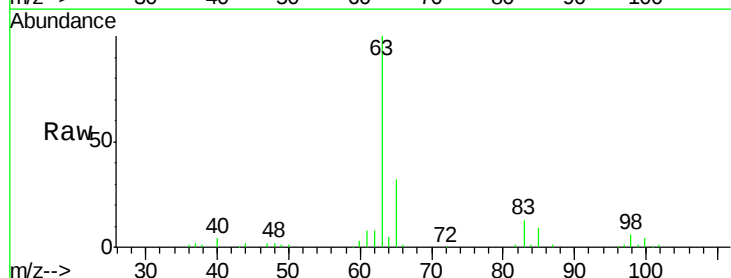
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-02

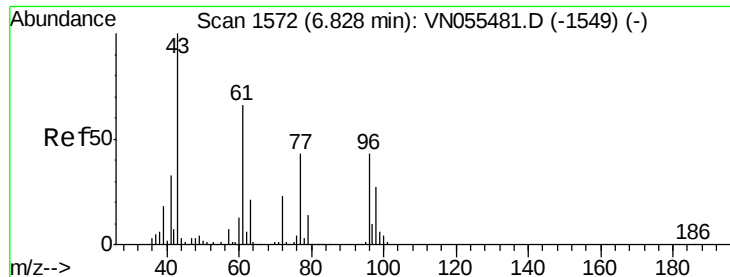
Tot Ion: 96 Resp: 34629
 Ion Ratio Lower Upper
 96 100
 61 171.8 138.7 208.1
 98 61.1 50.6 76.0



#24
 1,1-Dichloroethane
 Concen: 10.693 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN055519.D
 Acq: 10 May 2019 1:14

Tgt Ion: 63 Resp: 233508
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.0
 100 3.9 1.9 5.7

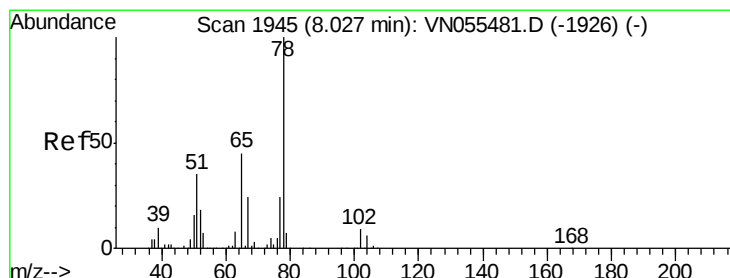
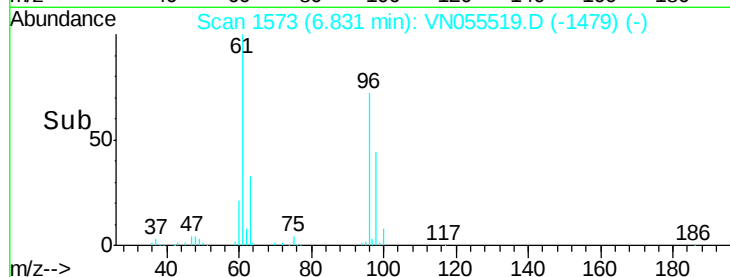
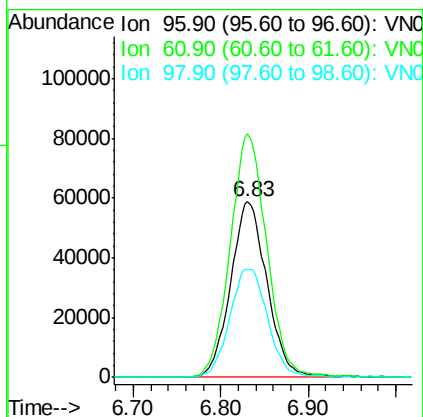
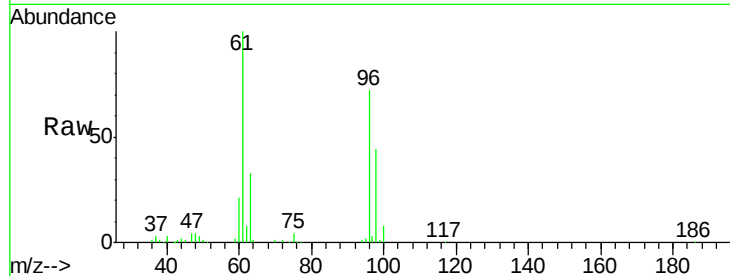




#27
 cis-1,2-Dichloroethene
 Concen: 13.939 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055519.D
 Acq: 10 May 2019 1:14

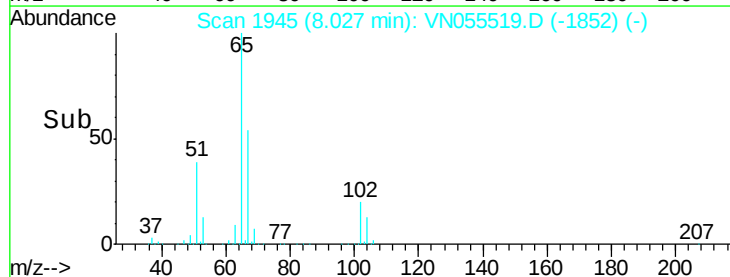
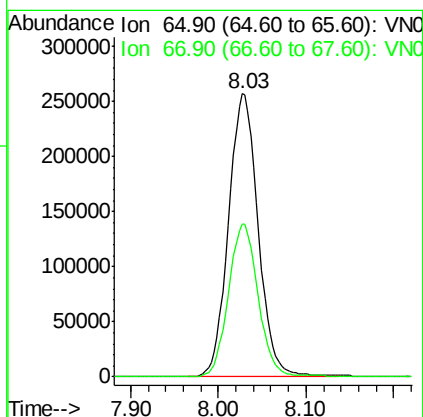
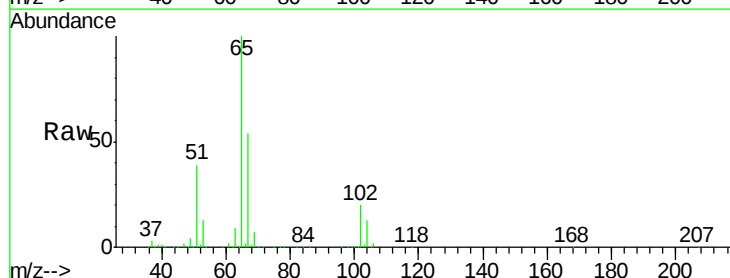
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-02

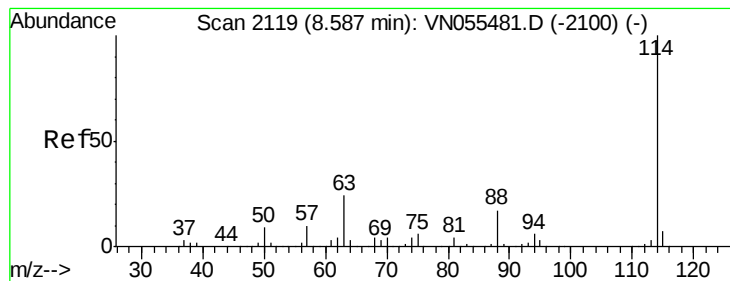
Tot Ion: 96 Resp: 169721
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 310.8
 98 64.4 0.0 129.4



#33
 1,2-Dichloroethane-d4
 Concen: 45.236 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055519.D
 Acq: 10 May 2019 1:14

Tgt Ion: 65 Resp: 605584
 Ion Ratio Lower Upper
 65 100
 67 53.6 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: VN055519.D

Acq: 10 May 2019 1:14

Instrument :

MSVOA_N

ClientSampleId :

CKMW-02

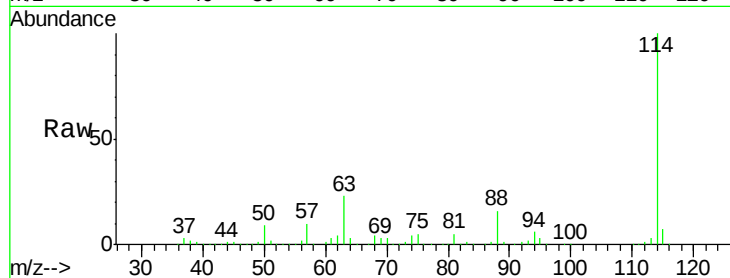
Tot Ion:114 Resp: 1507290

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.4

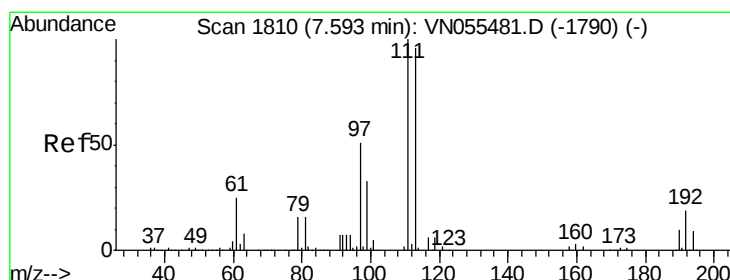
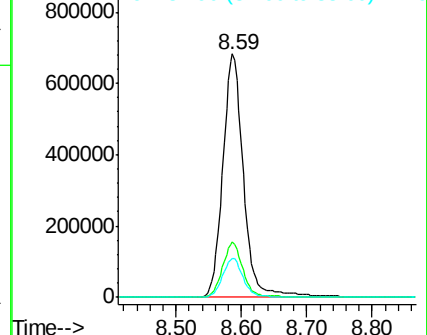
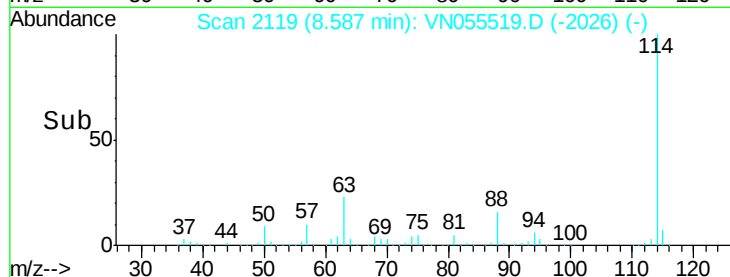
88 16.2 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.173 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055519.D

Acq: 10 May 2019 1:14

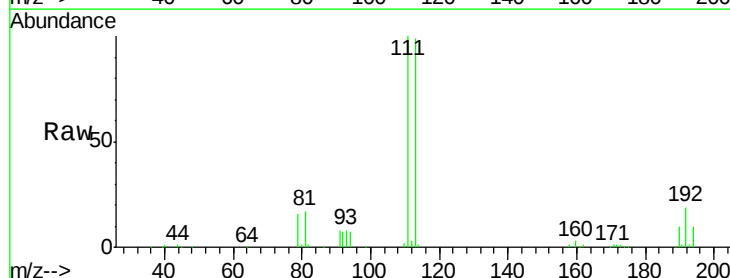
Tgt Ion:113 Resp: 468394

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

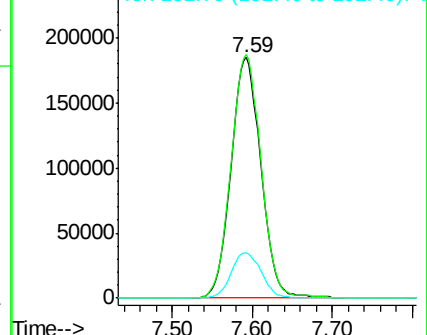
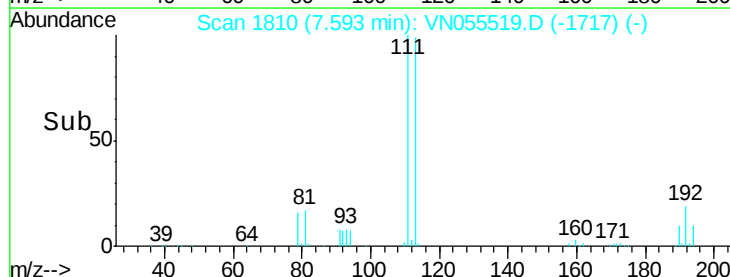
192 19.2 15.6 23.4

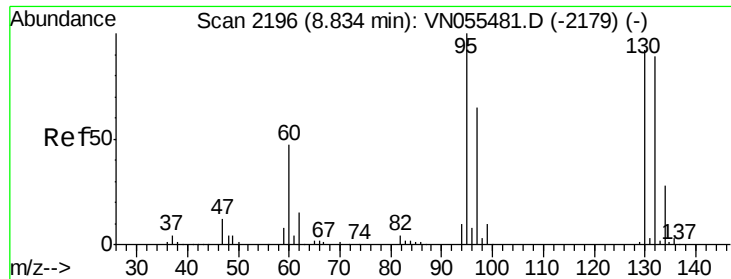


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.470 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055519.D

Acq: 10 May 2019 1:14

Instrument :

MSVOA_N

ClientSampleId :

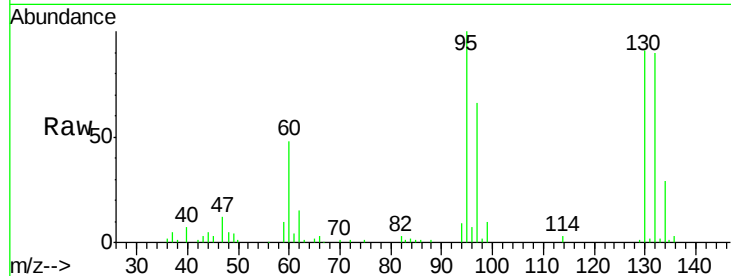
CKMW-02

Tot Ion:130 Resp: 70948

Ion Ratio Lower Upper

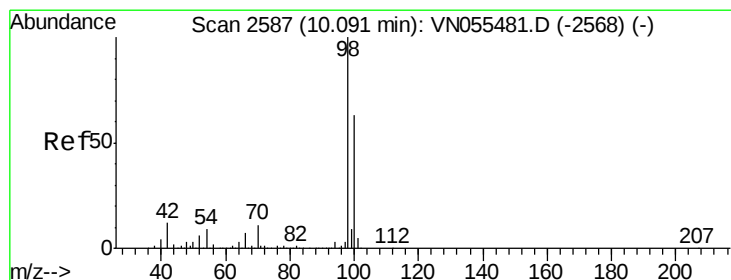
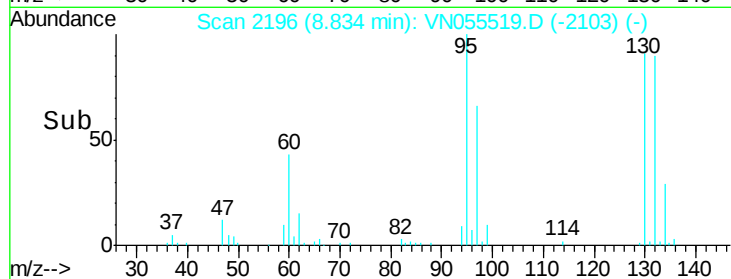
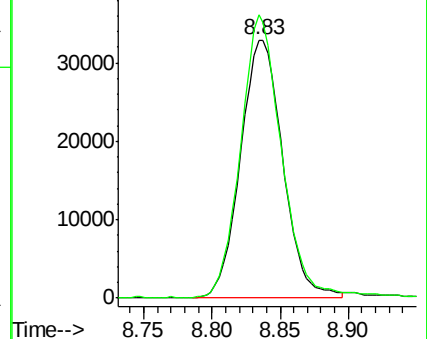
130 100

95 109.6 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055519.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055519.D (-2179) (-)



#50

Toluene-d8

Concen: 48.612 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055519.D

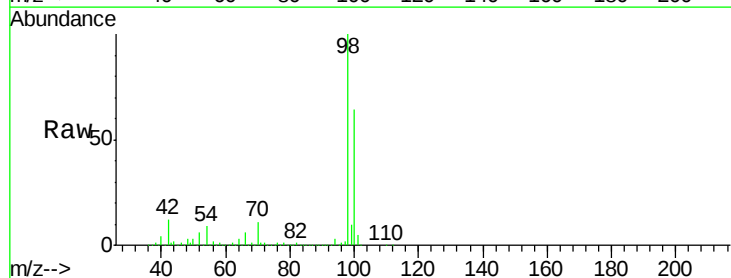
Acq: 10 May 2019 1:14

Tgt Ion: 98 Resp: 1841930

Ion Ratio Lower Upper

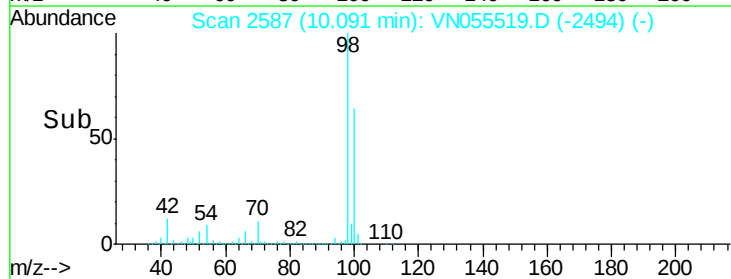
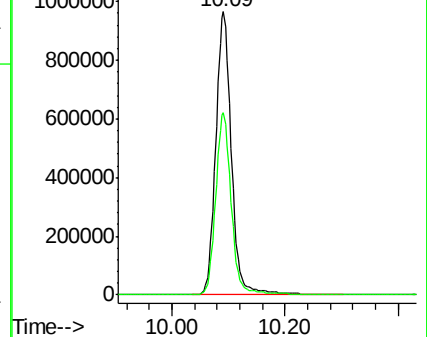
98 100

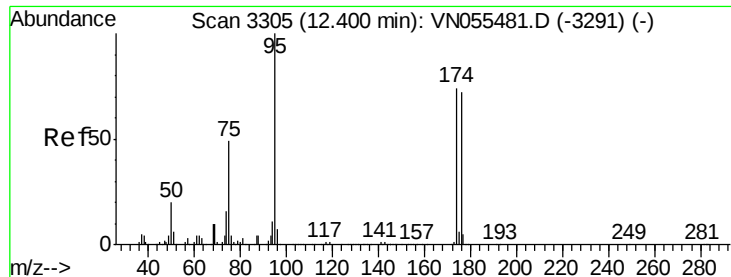
100 63.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055519.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN055519.D (-2568) (-)

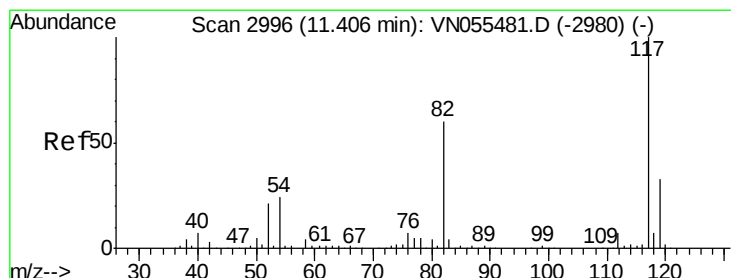
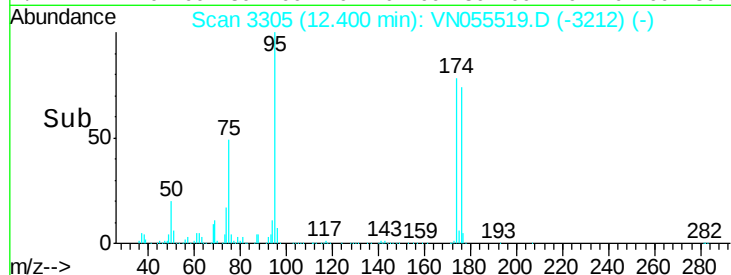
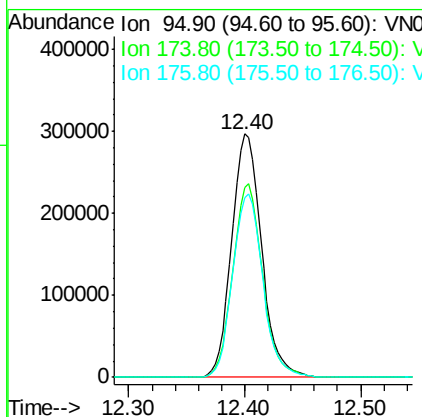
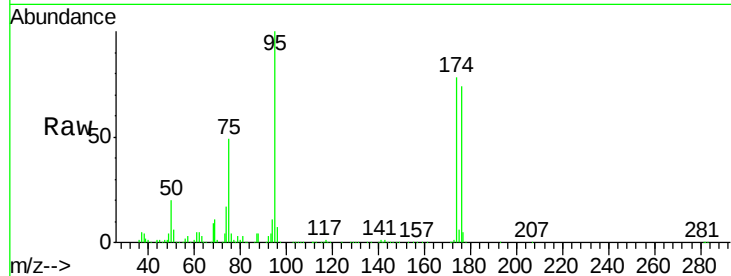




#62
4-Bromofluorobenzene
Concen: 41.586 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

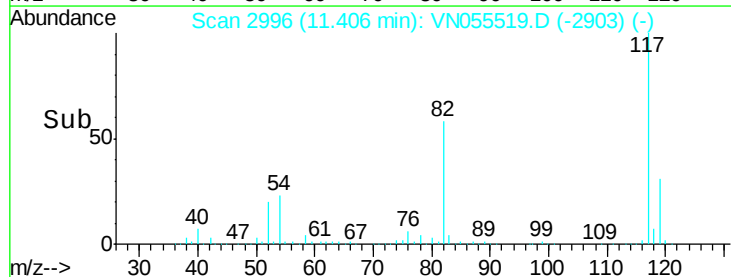
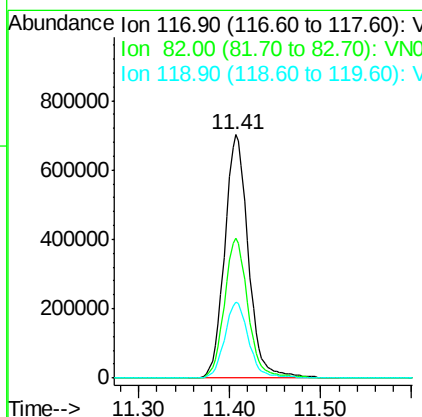
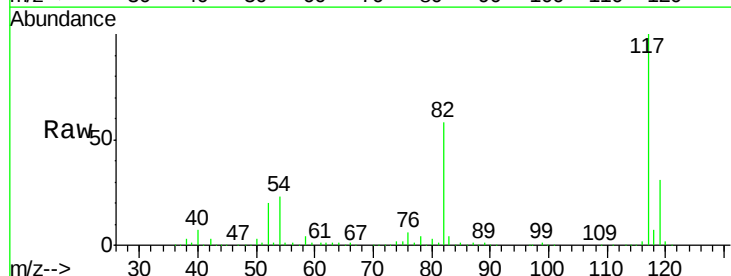
Instrument :
MSVOA_N
ClientSampleId :
CKMW-02

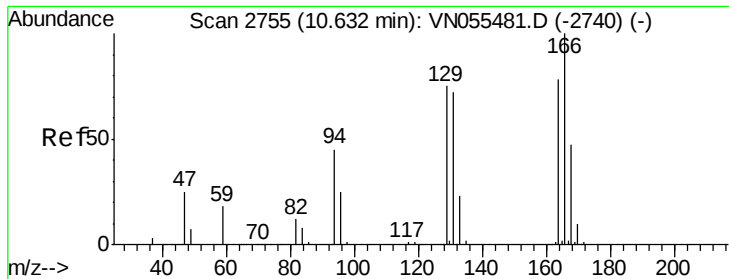
Tot Ion: 95 Resp: 531311
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.2
176 75.9 0.0 147.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055519.D
Acq: 10 May 2019 1:14

Tgt Ion: 117 Resp: 1269364
Ion Ratio Lower Upper
117 100
82 57.5 48.0 72.0
119 31.4 26.0 39.0





#64

Tetrachloroethene

Concen: 0.256 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN055519.D

Acq: 10 May 2019 1:14

Instrument :
MSVOA_N
ClientSampled :
CKMW-02

Tot Ion:164 Resp: 2663

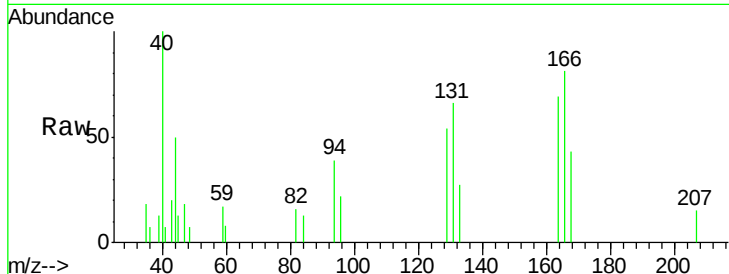
Ion Ratio Lower Upper

164 100

166 117.6 102.6 153.8

129 78.8 77.0 115.6

131 96.2 73.7 110.5

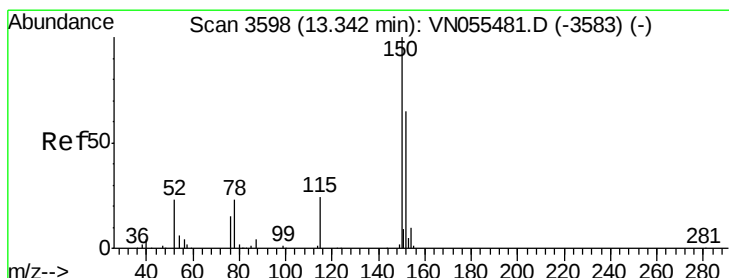
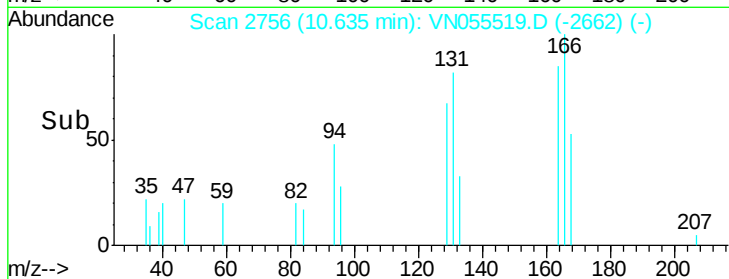
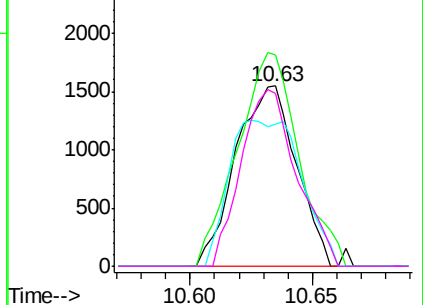


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN055519.D

Acq: 10 May 2019 1:14

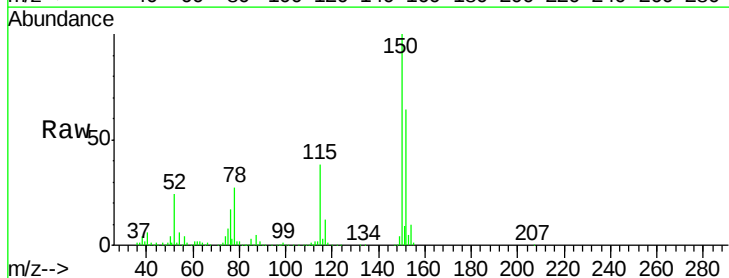
Tgt Ion:152 Resp: 350730

Ion Ratio Lower Upper

152 100

115 59.6 30.1 90.5

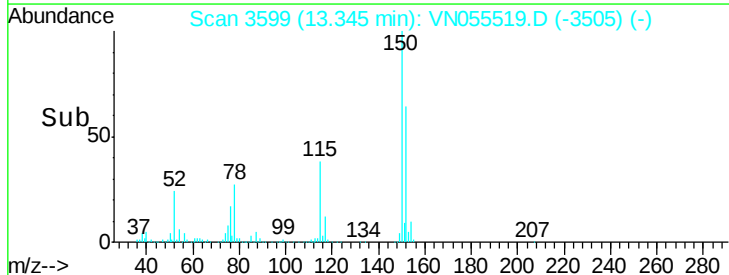
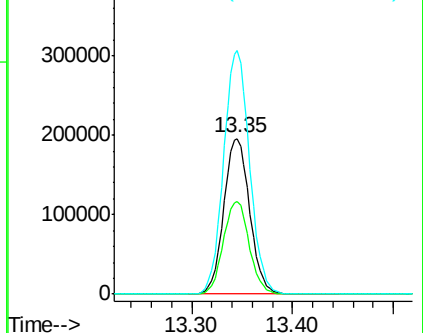
150 157.1 0.0 355.0

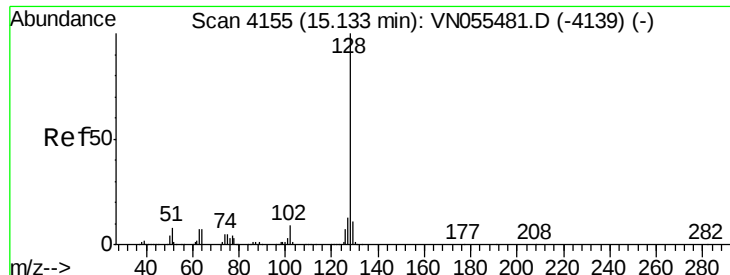


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.174 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055519.D

Acq: 10 May 2019 1:14

Instrument :

MSVOA_N

ClientSampleId :

CKMW-02

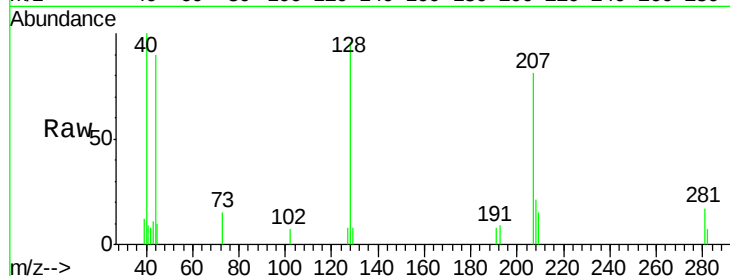
Tot Ion:128 Resp: 3677

Ion Ratio Lower Upper

128 100

127 8.8 10.0 15.0#

129 7.2 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

