

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055524.D
 Acq On : 10 May 2019 3:19
 Operator : JC/SP
 Sample : K2758-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-04

Quant Time: May 10 13:53:34 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

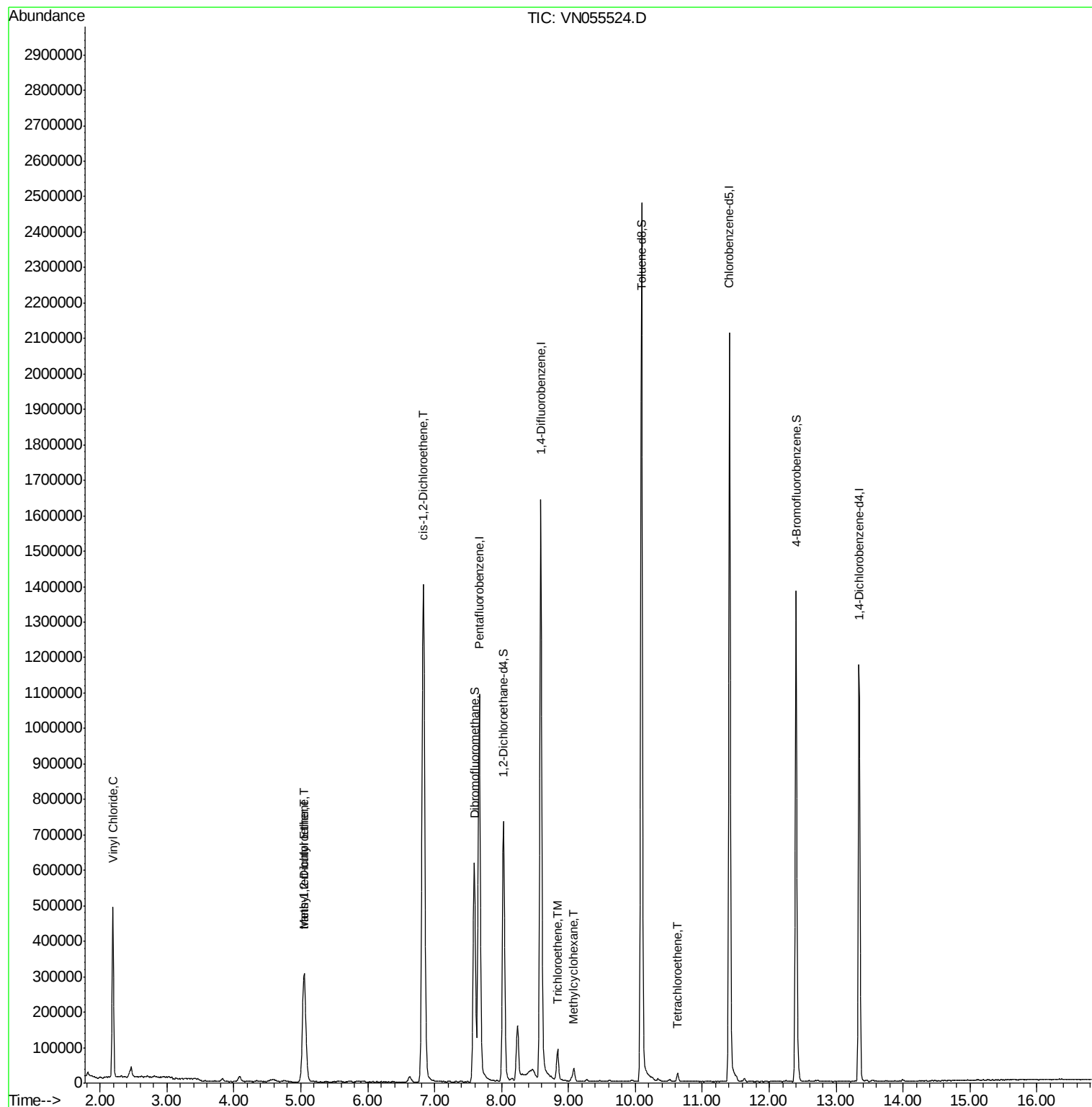
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	914370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1517897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1236386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	615219	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	7.59	113	475139	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	10.09	98	1796285	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.40	95	511658	39.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.54%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.19	62	436143	30.550	ug/l	100
19) Methyl tert-butyl Ether	5.06	73	346964	10.449	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	64635	5.965	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	942490	75.266	ug/l	90
39) Methylcyclohexane	9.08	83	14265	0.782	ug/l	91
44) Trichloroethene	8.84	130	32598	2.952	ug/l	86
64) Tetrachloroethene	10.63	164	5421	0.535	ug/l	92

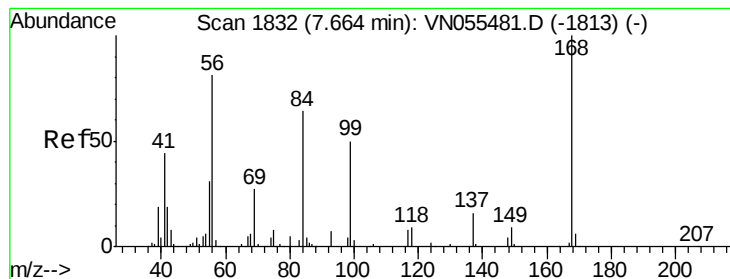
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055524.D
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Quant Time: May 10 13:53:34 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: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA_N

ClientSampleId :

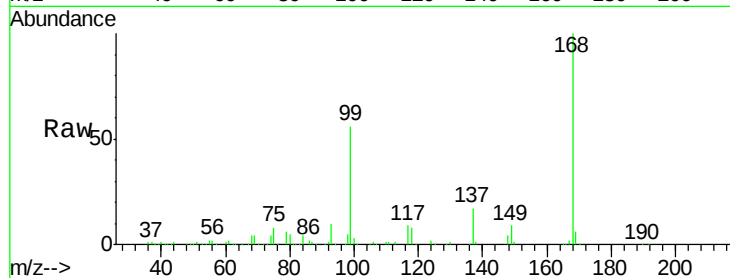
CKMW-04

Tot Ion:168 Resp: 914370

Ion Ratio Lower Upper

168 100

99 56.1 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

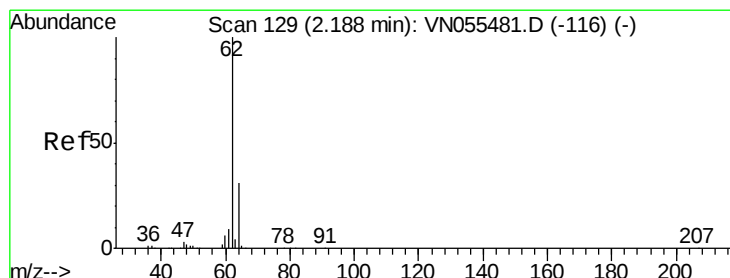
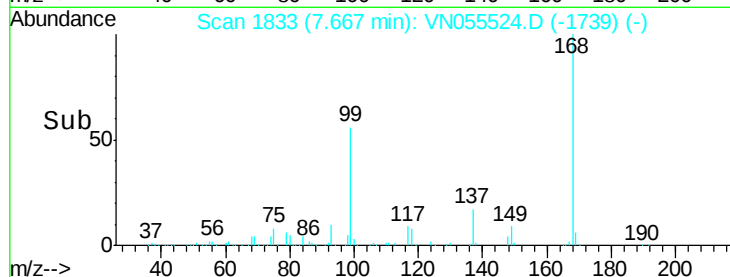
200000

100000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 30.550 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055524.D

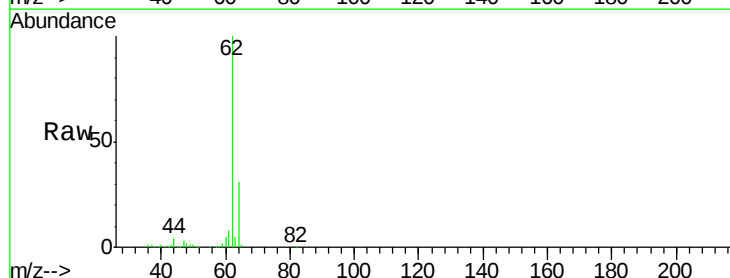
Acq: 10 May 2019 3:19

Tgt Ion: 62 Resp: 436143

Ion Ratio Lower Upper

62 100

64 31.3 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

300000

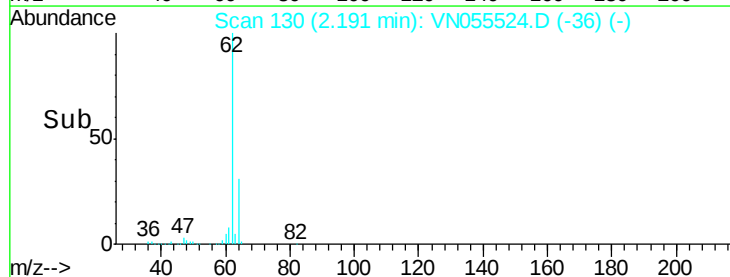
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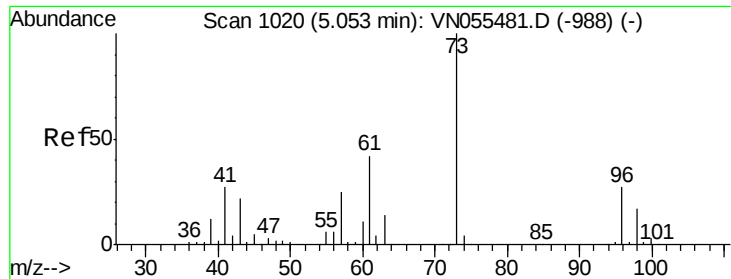
100000

0

2.10 2.20 2.30

Time-->

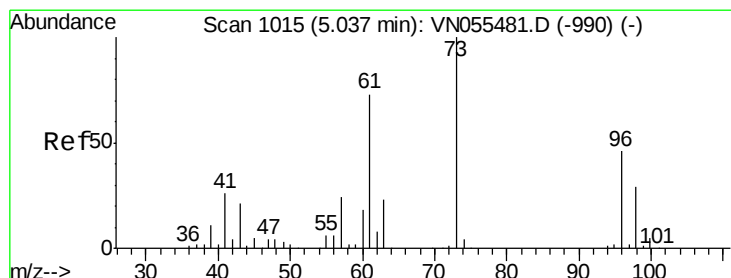
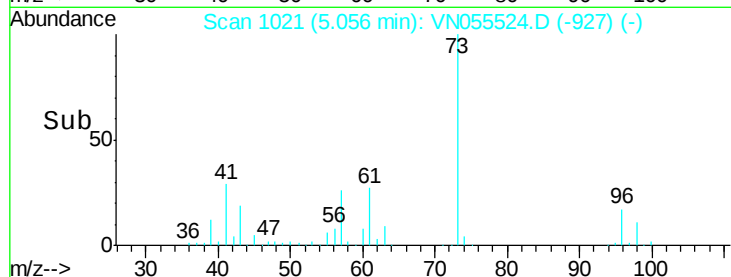
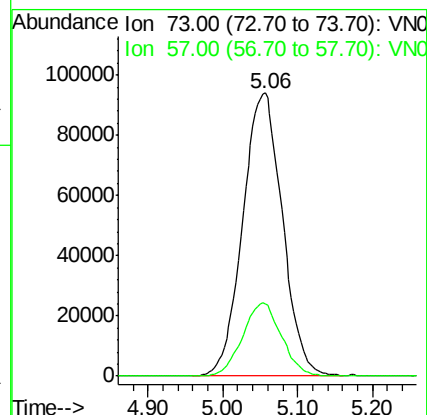
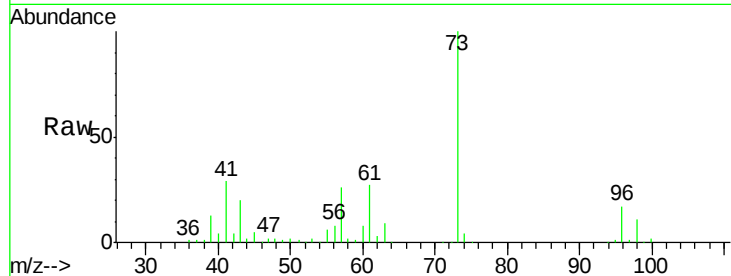




#19
Methvl tert-butvl Ether
Concen: 10.449 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN055524.D
Acq: 10 May 2019 3:19

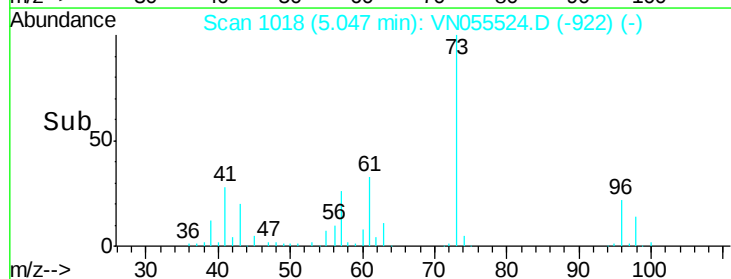
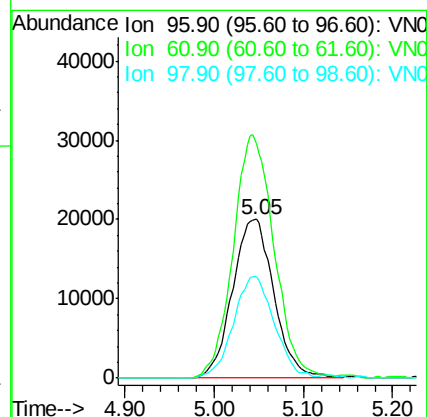
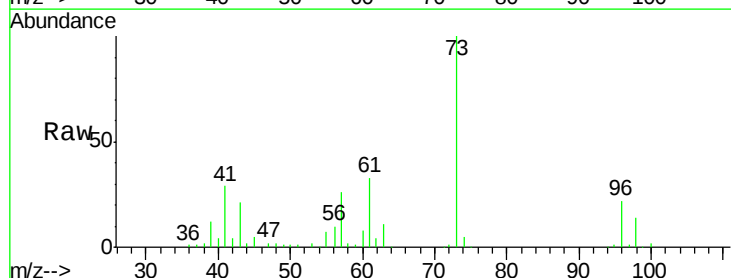
Instrument :
MSVOA_N
ClientSampled :
CKMW-04

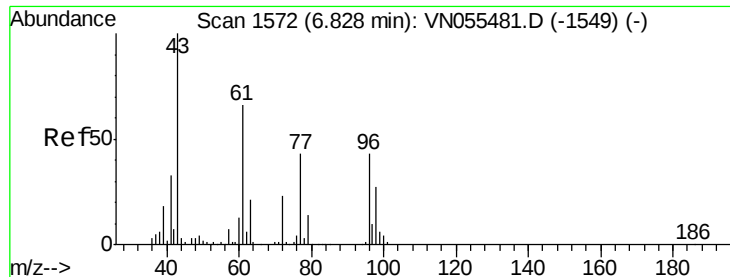
Tot Ion: 73 Resp: 346964
Ion Ratio Lower Upper
73 100
57 25.6 20.0 30.0



#21
trans-1,2-Dichloroethene
Concen: 5.965 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VN055524.D
Acq: 10 May 2019 3:19

Tgt Ion: 96 Resp: 64635
Ion Ratio Lower Upper
96 100
61 148.2 127.4 191.0
98 63.8 51.6 77.4

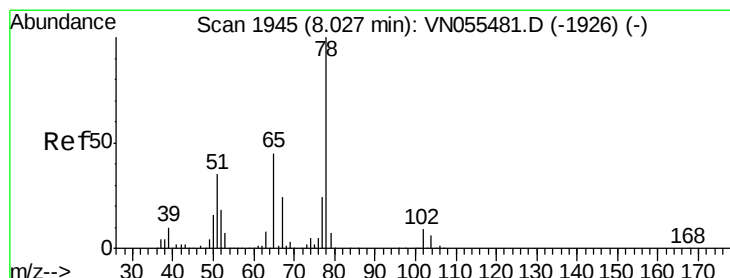
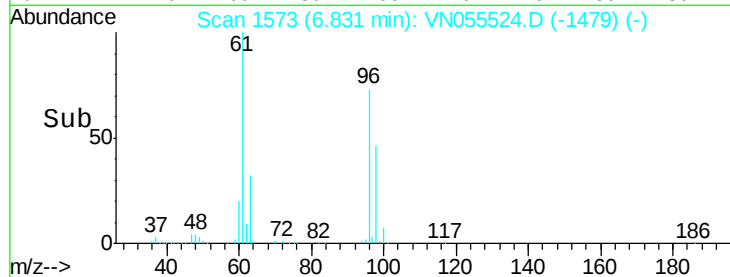
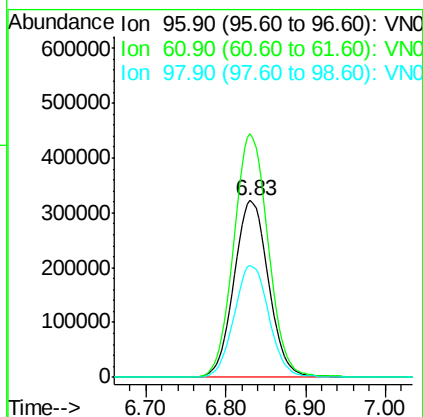
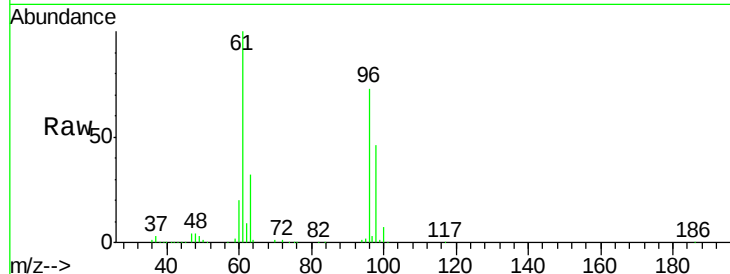




#27
 cis-1,2-Dichloroethene
 Concen: 75.266 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055524.D
 Acq: 10 May 2019 3:19

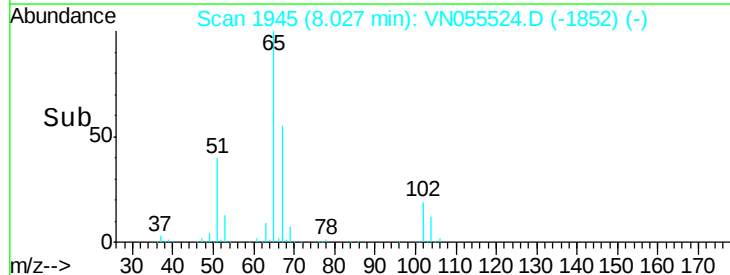
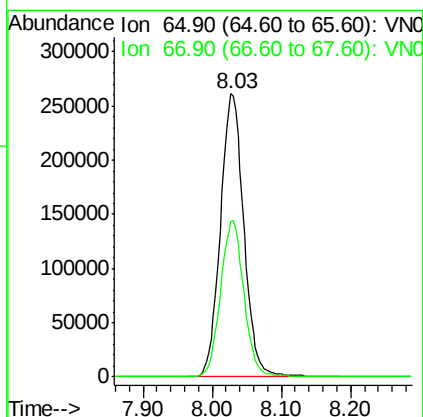
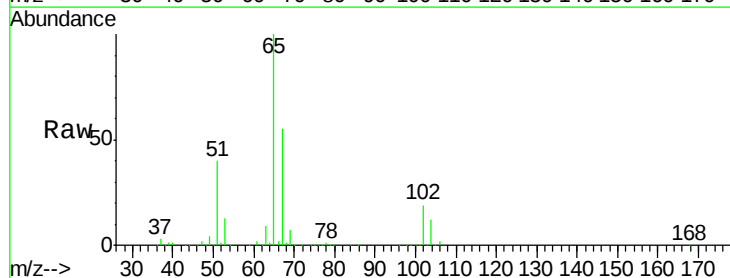
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-04

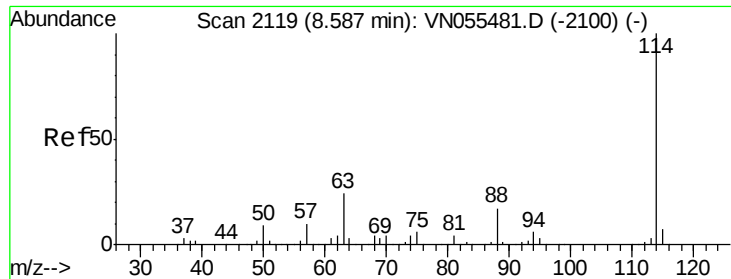
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	310.8
98	64.0	0.0	129.4



#33
 1,2-Dichloroethane-d4
 Concen: 44.687 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055524.D
 Acq: 10 May 2019 3:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.6

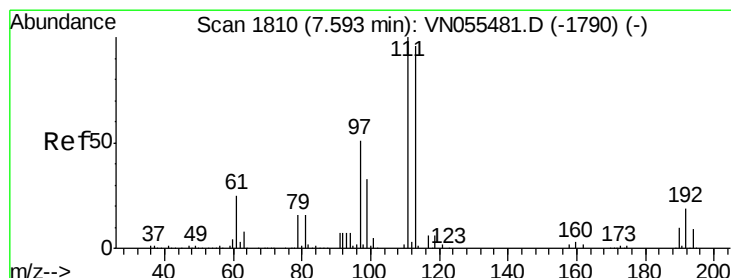
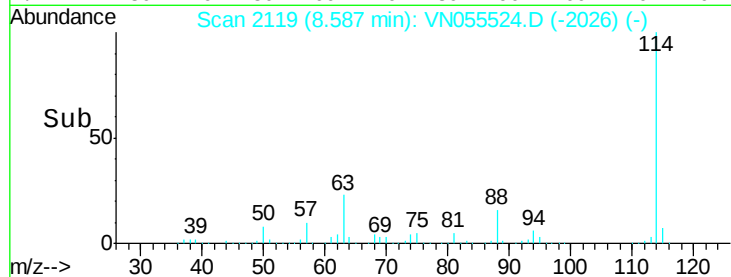
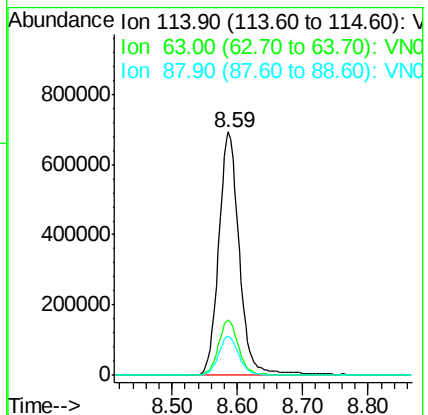
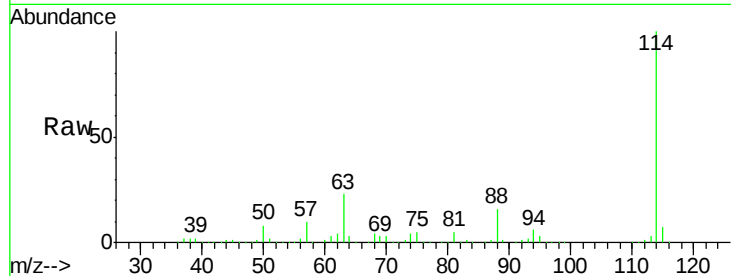




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055524.D
 Acq: 10 May 2019 3:19

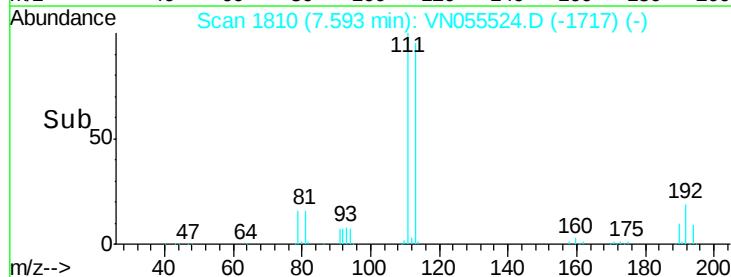
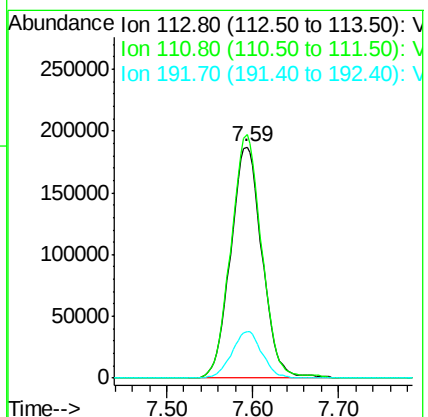
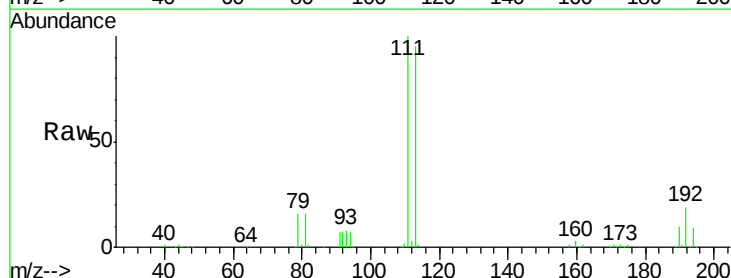
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-04

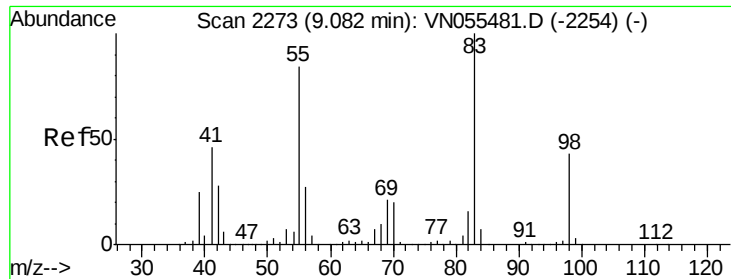
Tot Ion:114 Resp: 1517897
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.0 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 48.525 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055524.D
 Acq: 10 May 2019 3:19

Tgt Ion:113 Resp: 475139
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 19.5 15.6 23.4

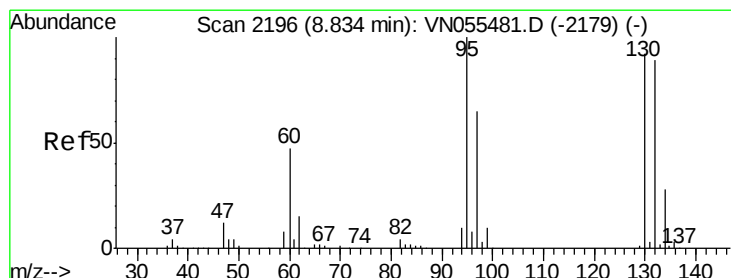
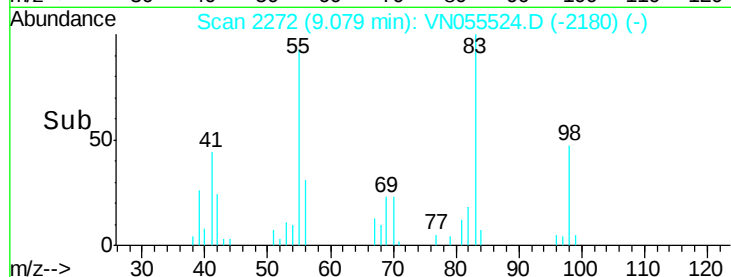
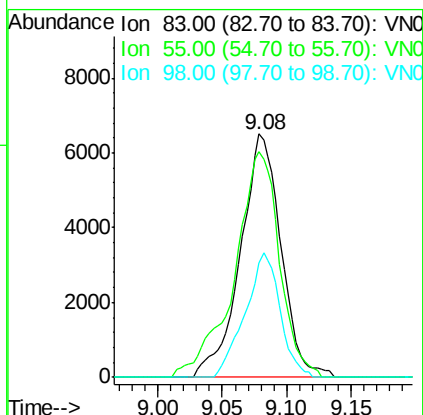
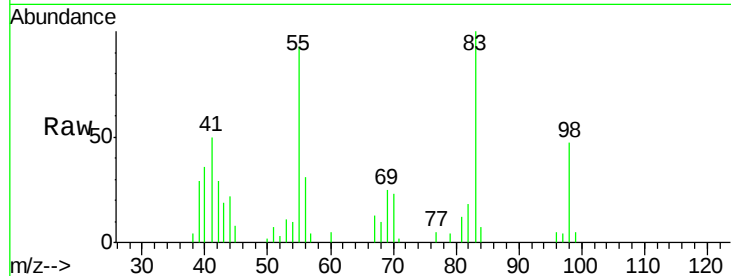




#39
Methvlcvclohexane
Concen: 0.782 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055524.D
Acq: 10 May 2019 3:19

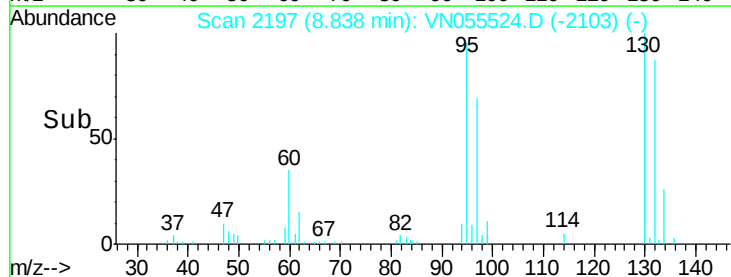
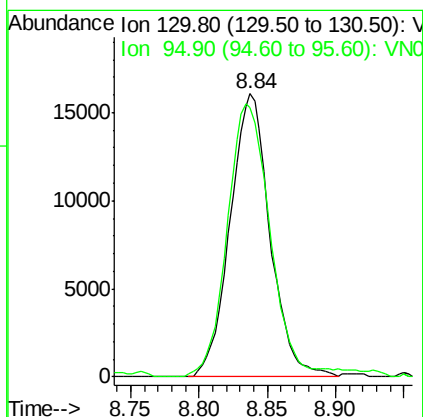
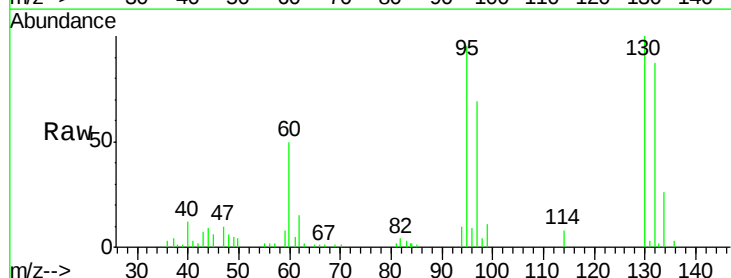
Instrument :
MSVOA_N
ClientSampleId :
CKMW-04

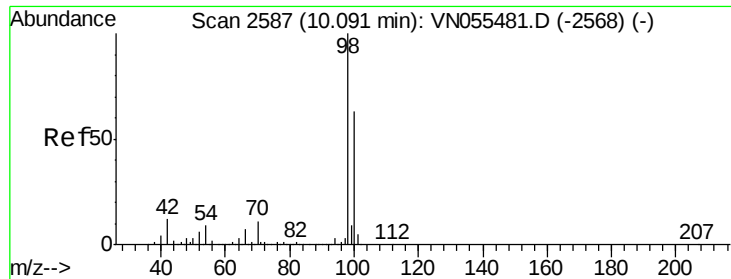
Tot Ion: 83 Resp: 14265
Ion Ratio Lower Upper
83 100
55 92.8 67.0 100.4
98 47.2 34.2 51.4



#44
Trichloroethene
Concen: 2.952 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055524.D
Acq: 10 May 2019 3:19

Tgt Ion:130 Resp: 32598
Ion Ratio Lower Upper
130 100
95 93.9 0.0 216.8





#50

Toluene-d8

Concen: 47.076 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA_N

ClientSampled :

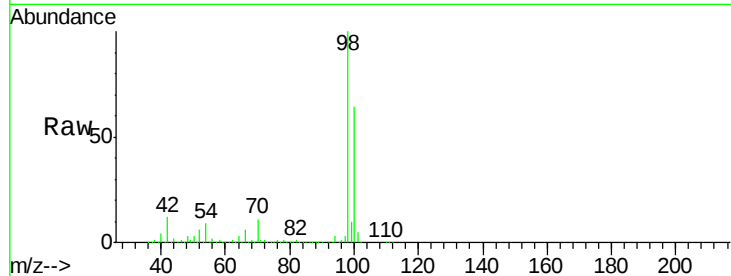
CKMW-04

Tot Ion: 98 Resp: 1796285

Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN055481.D (-2568) (-)

10.09

800000

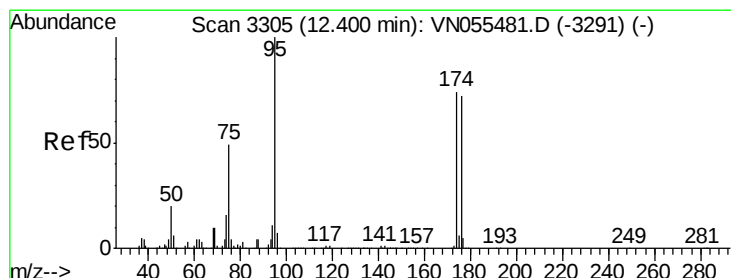
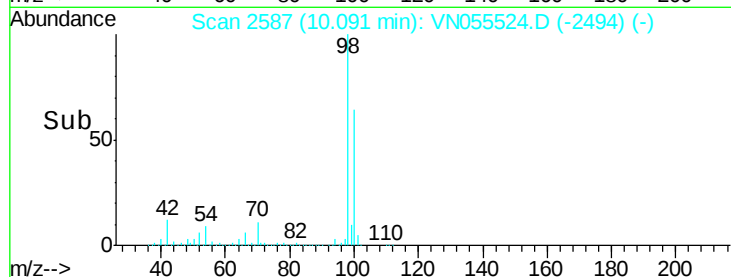
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.768 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

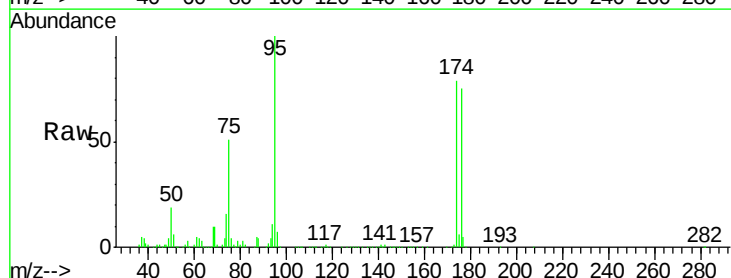
Tgt Ion: 95 Resp: 511658

Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.2

176 75.8 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)

12.40

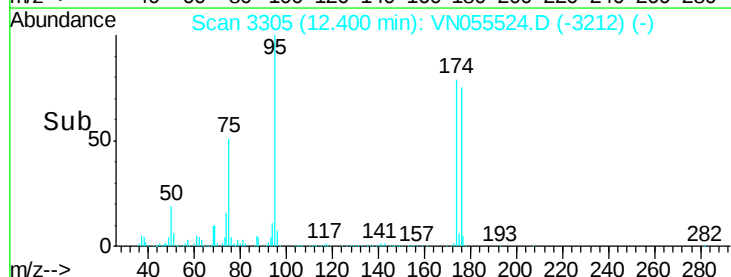
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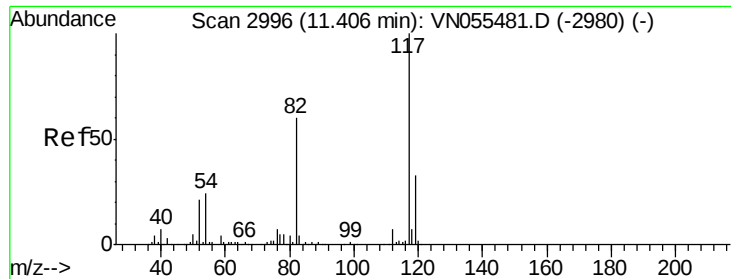
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA_N

ClientSampleId :

CKMW-04

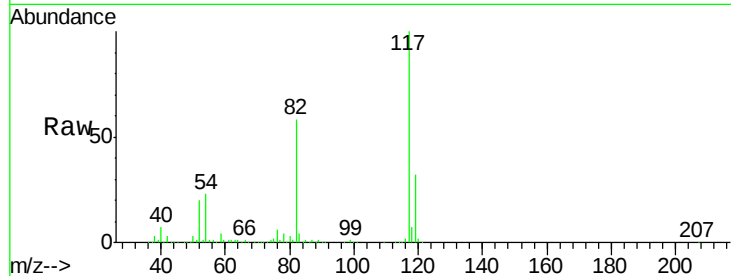
Tot Ion:117 Resp: 1236386

Ion Ratio Lower Upper

117 100

82 58.4 48.0 72.0

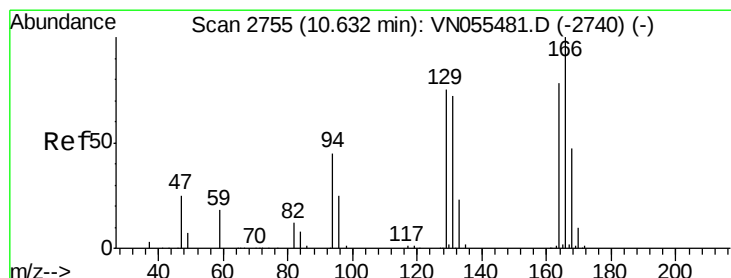
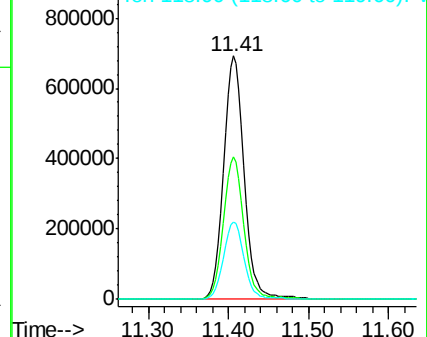
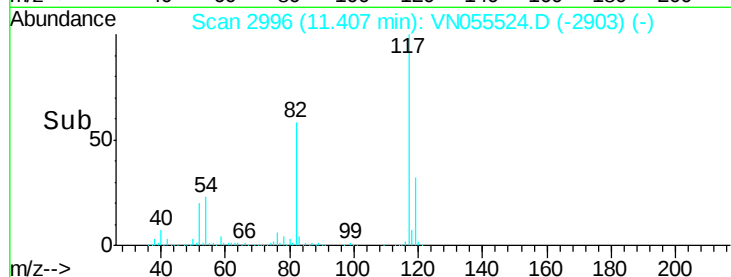
119 31.9 26.0 39.0



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: 0.535 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055524.D

Acq: 10 May 2019 3:19

Tgt Ion:164 Resp: 5421

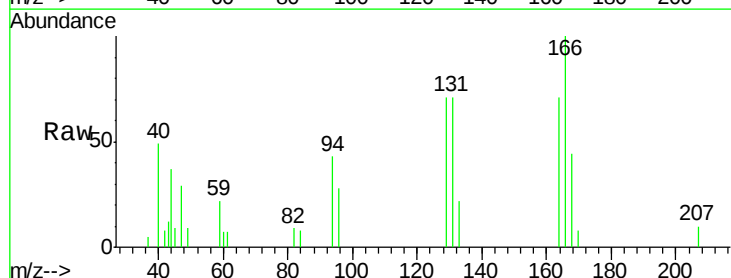
Ion Ratio Lower Upper

164 100

166 141.0 102.6 153.8

129 99.7 77.0 115.6

131 100.4 73.7 110.5

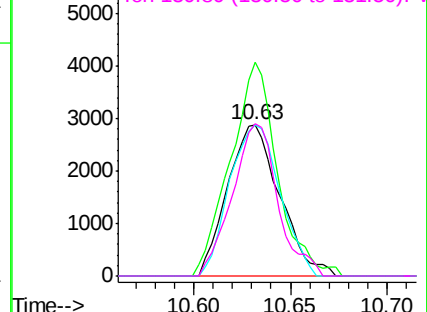
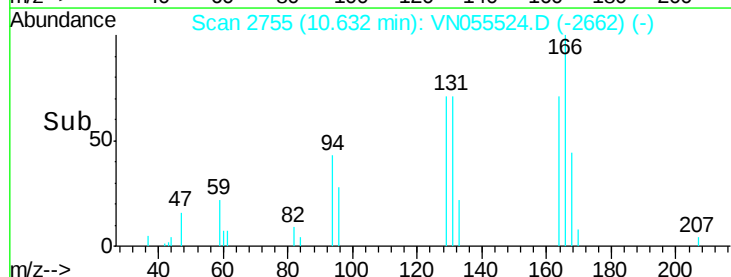


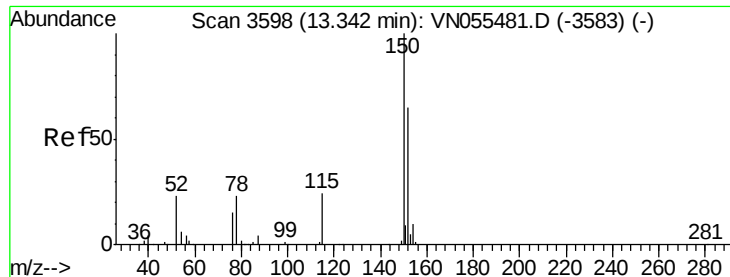
Abundance Ion 163.80 (163.50 to 164.50): V

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: VN055524.D

Acq: 10 May 2019 3:19

Instrument :

MSVOA_N

ClientSampleId :

CKMW-04

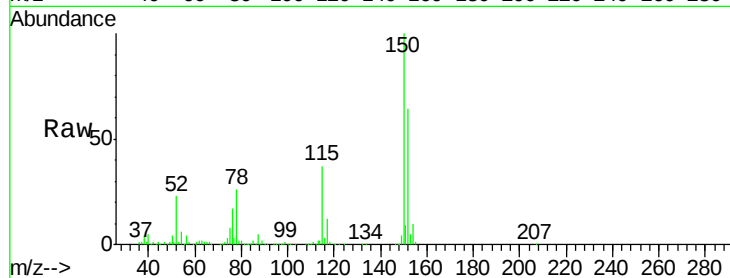
Tot Ion:152 Resp: 327619

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.5

150 159.0 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

