

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055546.D
 Acq On : 10 May 2019 12:47
 Operator : JC/SP
 Sample : K2758-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-18

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 1:16:48 PM

Quant Time: May 11 13:21:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	892007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1456200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1201121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	589246	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
35) Dibromofluoromethane	7.59	113	464687	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	10.09	98	1785554	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.40	95	487424	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.98%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.19	62	167173	12.003	ug/l	100
12) 1,1-Dichloroethene	3.73	96	78776	8.080	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	3322m	0.314	ug/l	
24) 1,1-Dichloroethane	5.85	63	362929	16.567	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	399476	32.701	ug/l	91
40) Benzene	8.04	78	13329	0.299	ug/l	92
42) 1,2-Dichloroethane	8.12	62	6097	0.390	ug/l	94
44) Trichloroethene	8.84	130	270910	25.572	ug/l	93
64) Tetrachloroethene	10.63	164	31869	3.238	ug/l	96

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

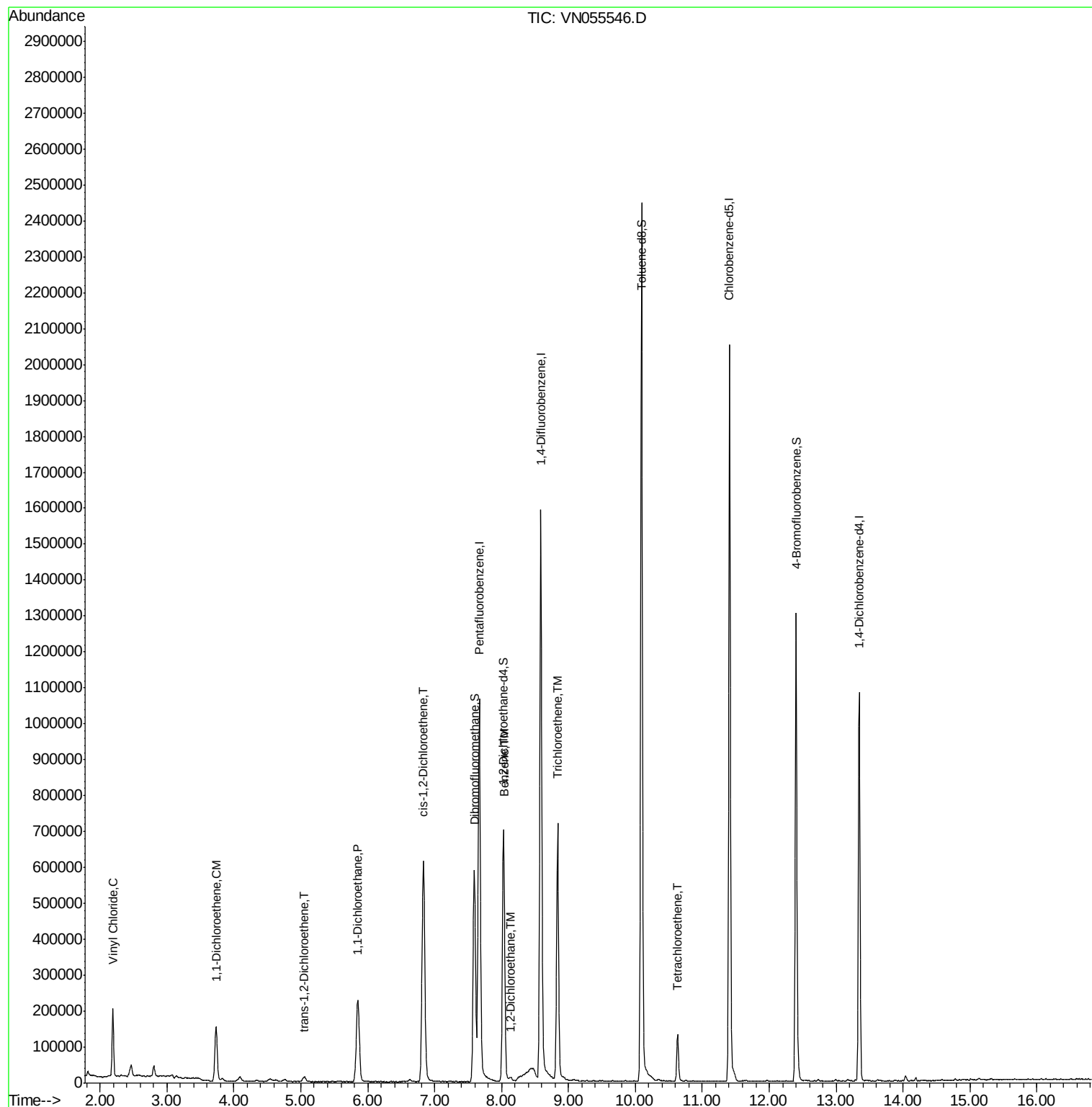
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
Data File : VN055546.D
Acq On : 10 May 2019 12:47
Operator : JC/SP
Sample : K2758-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

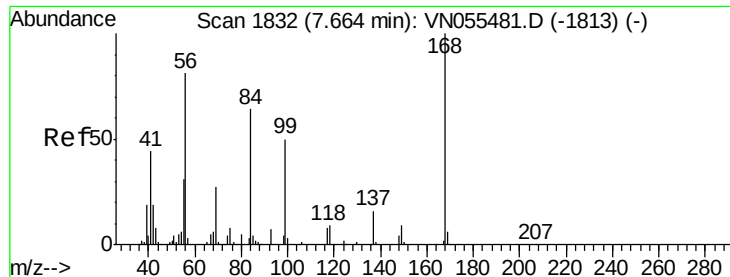
Instrument :
MSVOA_N
ClientSampleId :
IW-18

Manual Integrations
APPROVED

MMDadoda
5/11/2019 1:16:48 PM

Quant Time: May 11 13:21:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 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: VN055546.D

Acq: 10 May 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

IW-18

Tot Ion:168 Resp: 892007

Ion Ratio Lower Upper

168 100

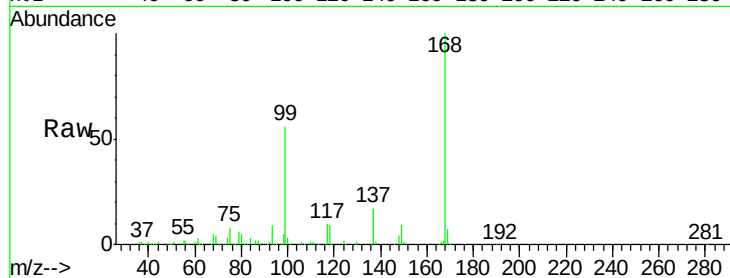
99 55.5 47.0 70.4

Manual Integrations

APPROVED

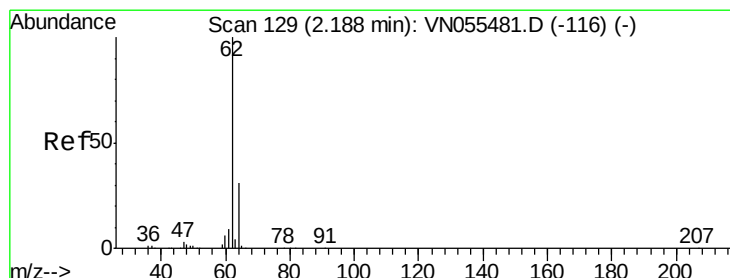
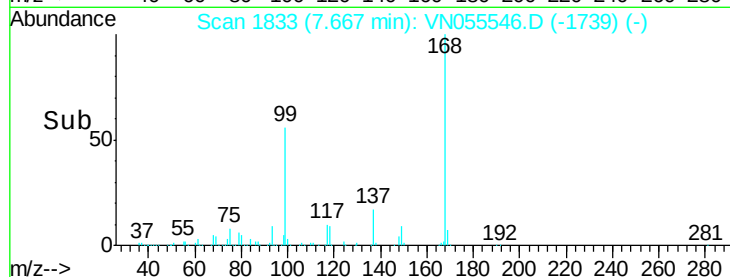
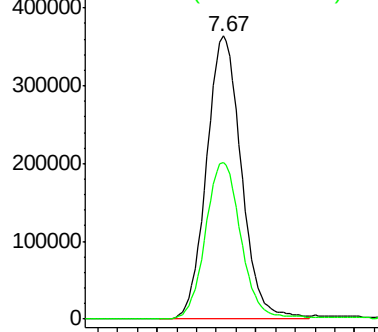
MMDadoda

5/11/2019 1:16:48 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 12.003 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055546.D

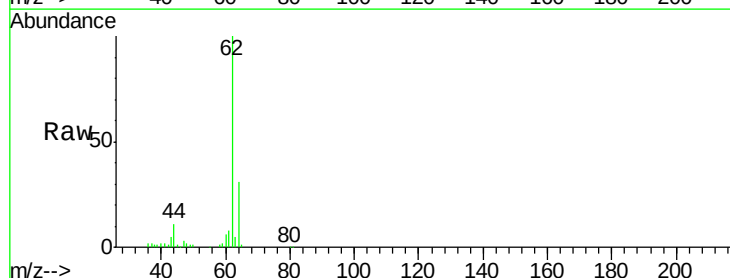
Acq: 10 May 2019 12:47

Tgt Ion: 62 Resp: 167173

Ion Ratio Lower Upper

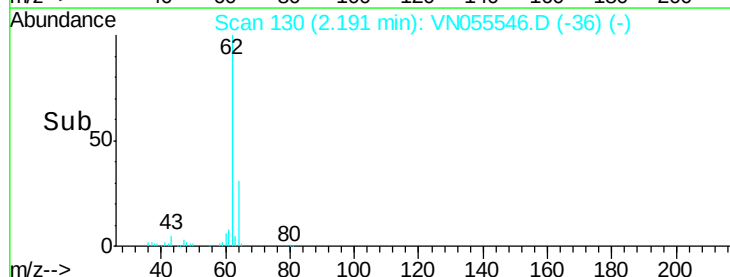
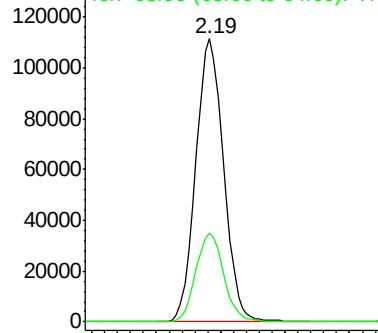
62 100

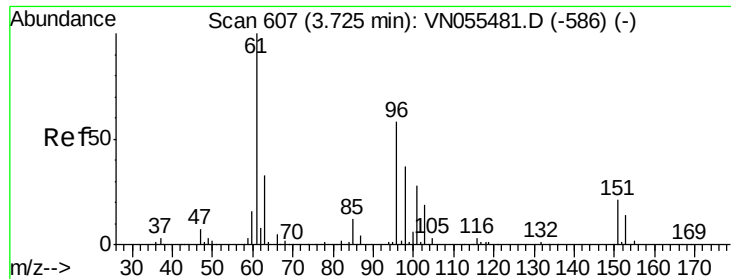
64 31.4 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#12

1,1-Dichloroethene

Concen: 8.080 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN055546.D

Acq: 10 May 2019 12:47

Instrument :

MSVOA_N

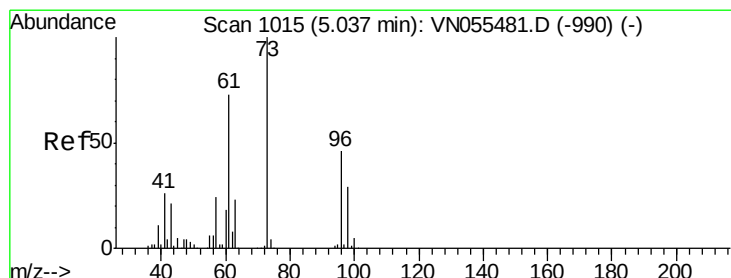
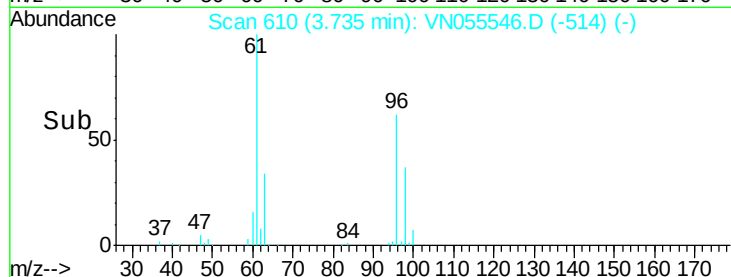
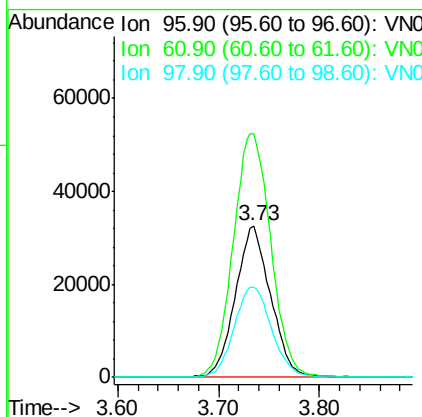
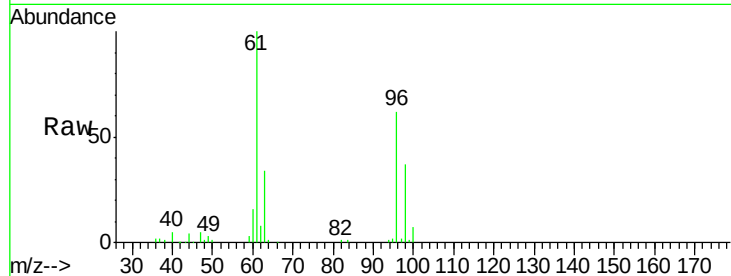
ClientSampled :

IW-18

Tot Ion:	96	Resp:	78776
Ion	Ratio	Lower	Upper
96	100		
61	160.4	138.7	208.1
98	59.7	50.6	76.0

Manual Integrations
APPROVED

MMDadoda
5/11/2019 1:16:48 PM



#21

trans-1,2-Dichloroethene

Concen: 0.314 ug/l m

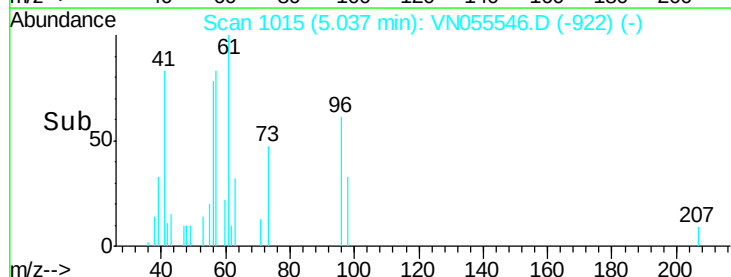
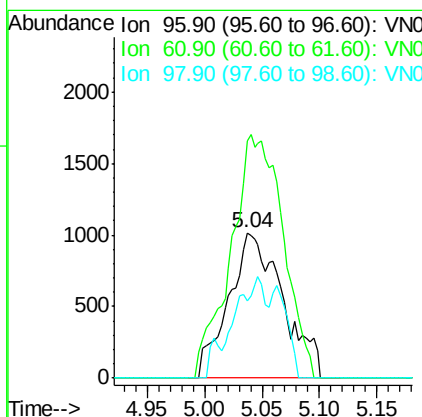
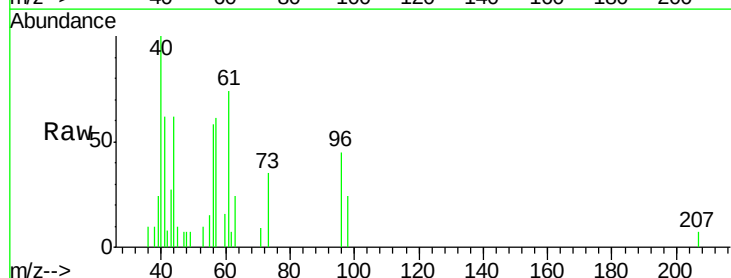
RT: 5.04 min Scan# 1015

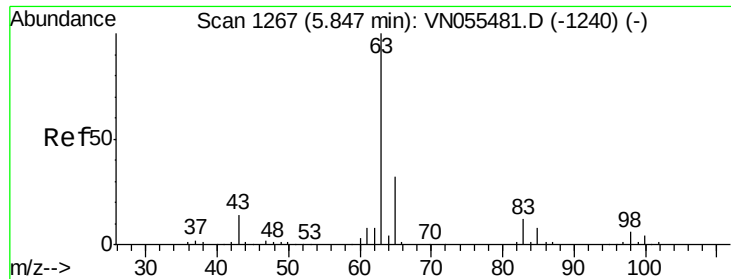
Delta R.T. -0.00 min

Lab File: VN055546.D

Acq: 10 May 2019 12:47

Tgt Ion:	96	Resp:	3322
Ion	Ratio	Lower	Upper
96	100		
61	163.2	127.4	191.0
98	53.2	51.6	77.4





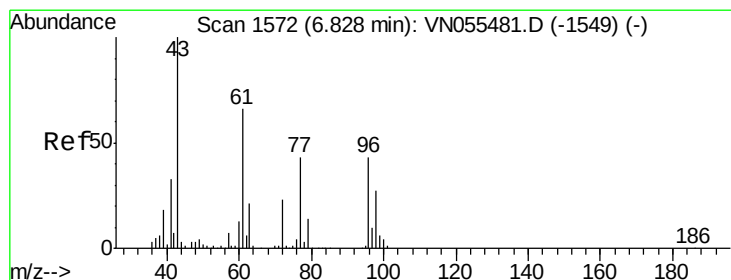
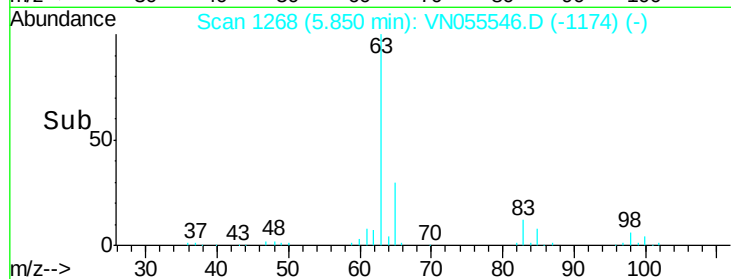
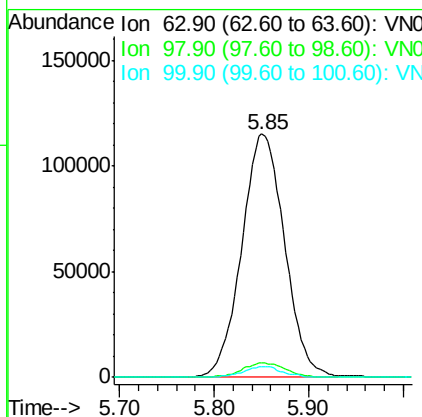
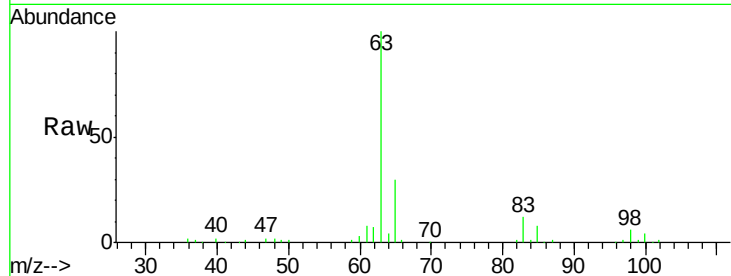
#24
 1,1-Dichloroethane
 Concen: 16.567 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN055546.D
 Acq: 10 May 2019 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 IW-18

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.0	3.0	9.0	
100	4.3	1.9	5.7	

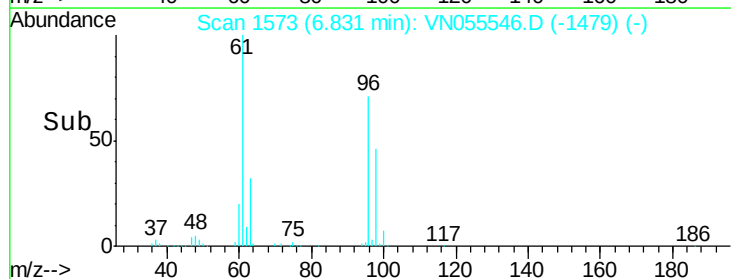
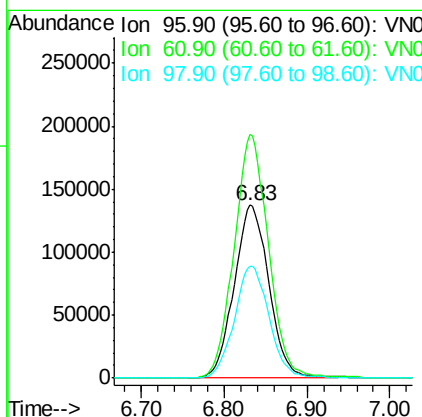
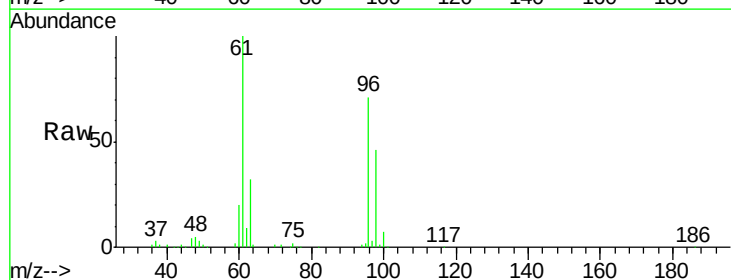
Manual Integrations
 APPROVED

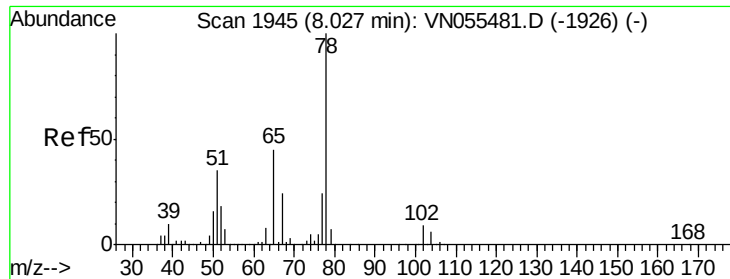
MMDadoda
 5/11/2019 1:16:48 PM



#27
 cis-1,2-Dichloroethene
 Concen: 32.701 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055546.D
 Acq: 10 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.8	0.0	310.8	
98	65.0	0.0	129.4	





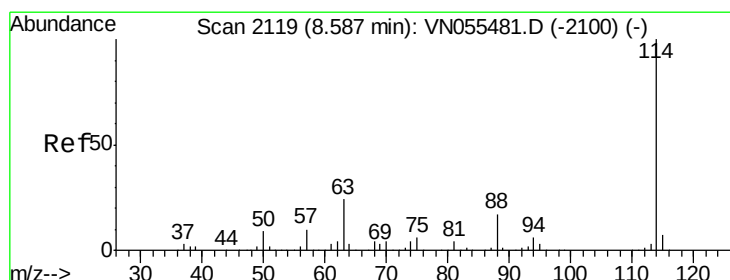
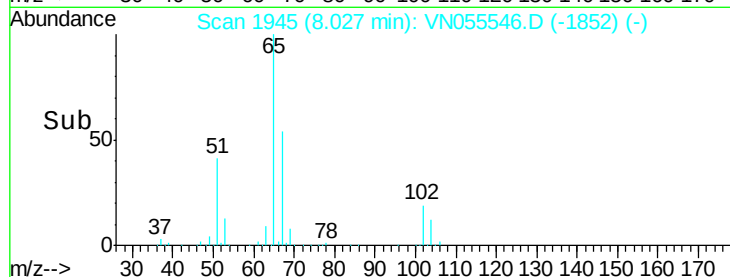
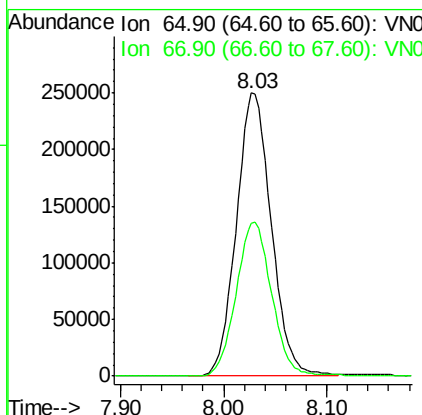
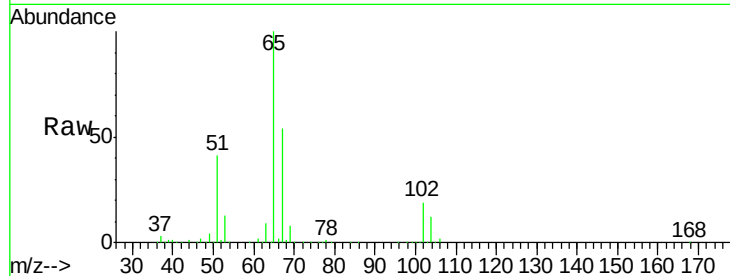
#33
 1,2-Dichloroethane-d4
 Concen: 43.873 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055546.D
 Acq: 10 May 2019 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 IW-18

Tot Ion	Ratio	Resp	Lower	Upper
65	100	589246		
67	55.2	0.0	109.6	

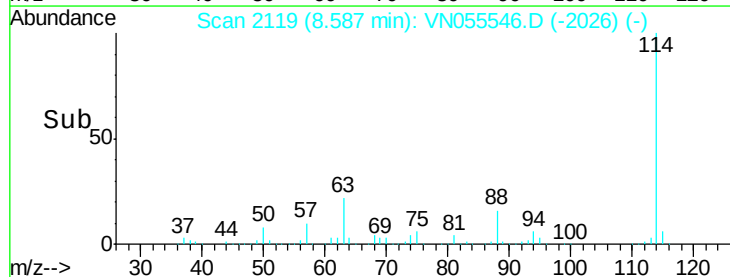
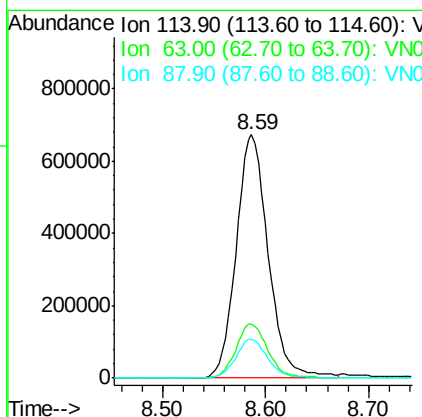
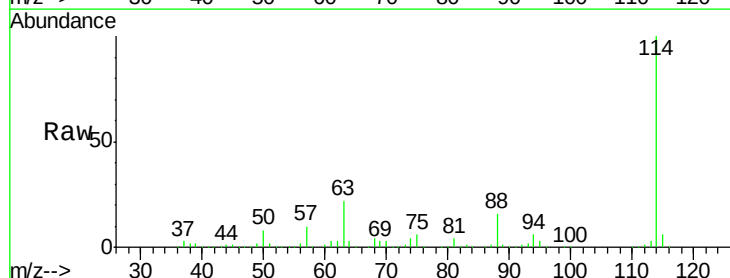
Manual Integrations
 APPROVED

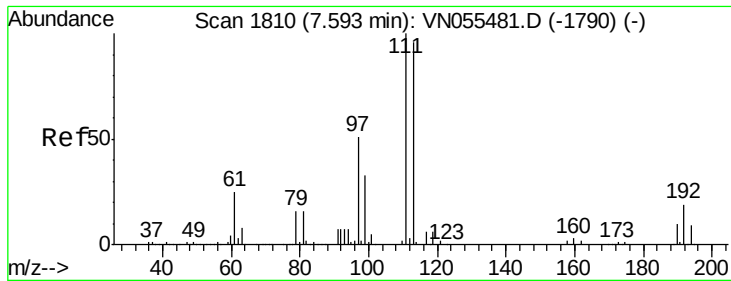
MMDadoda
 5/11/2019 1:16:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055546.D
 Acq: 10 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1456200		
63	22.4	0.0	47.4	
88	16.0	0.0	34.0	





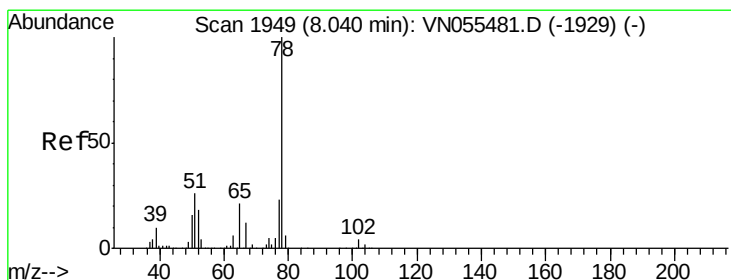
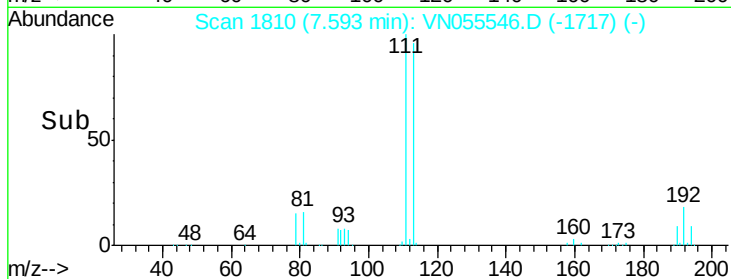
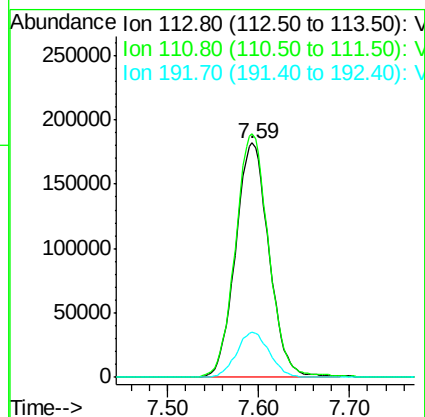
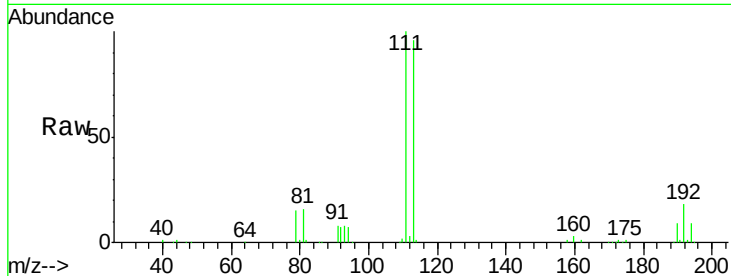
#35
 Dibromofluoromethane
 Concen: 49.468 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055546.D
 Acq: 10 May 2019 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 IW-18

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	19.0	15.6	23.4

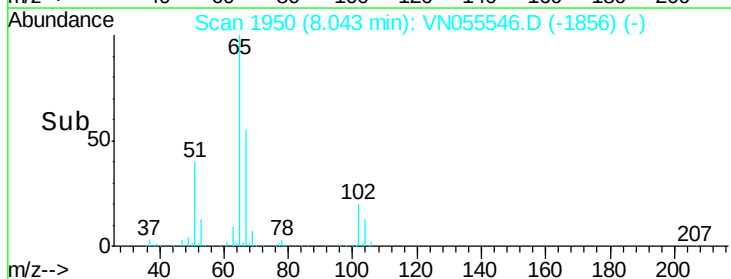
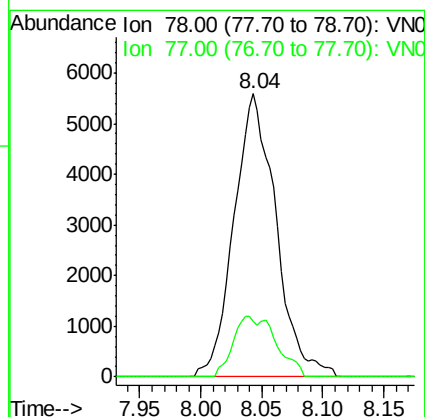
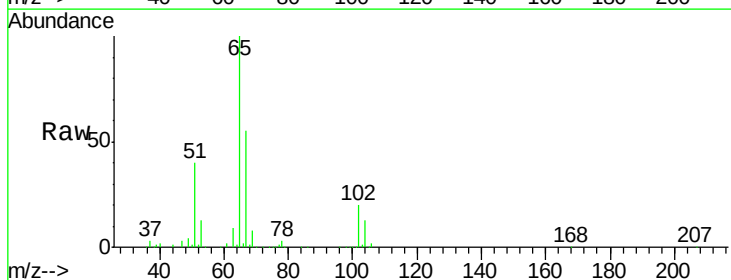
Manual Integrations
 APPROVED

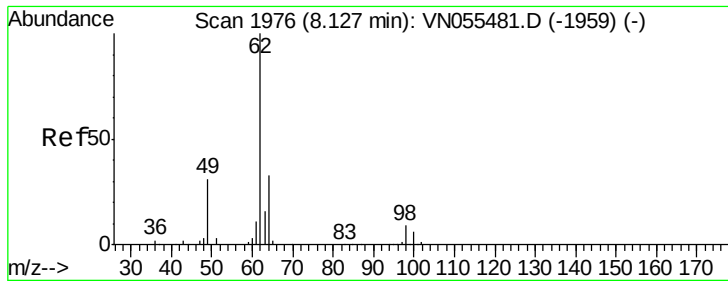
MMDadoda
 5/11/2019 1:16:48 PM



#40
 Benzene
 Concen: 0.299 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: VN055546.D
 Acq: 10 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	19.5	18.6	27.8





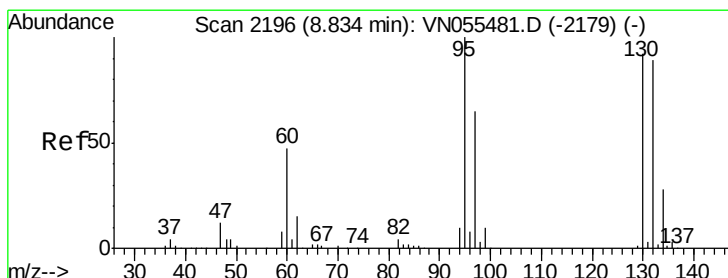
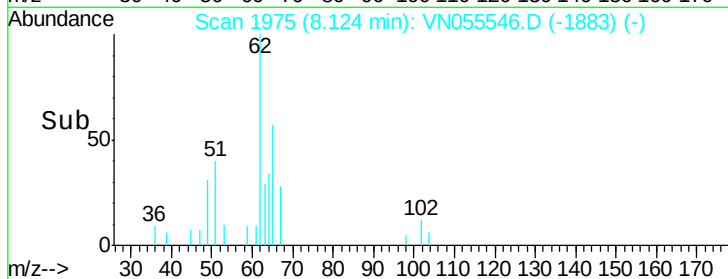
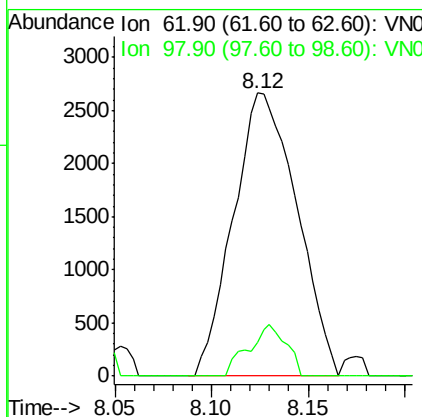
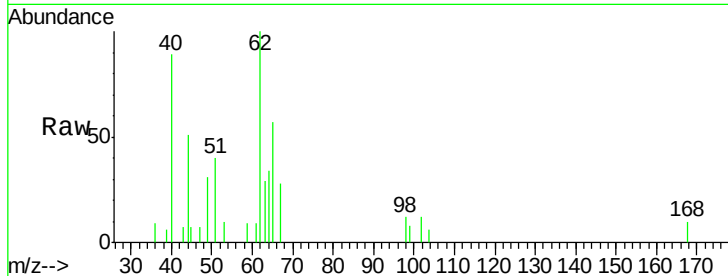
#42
 1,2-Dichloroethane
 Concen: 0.390 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN055546.D
 Acq: 10 May 2019 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-18

Tot Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	17.4

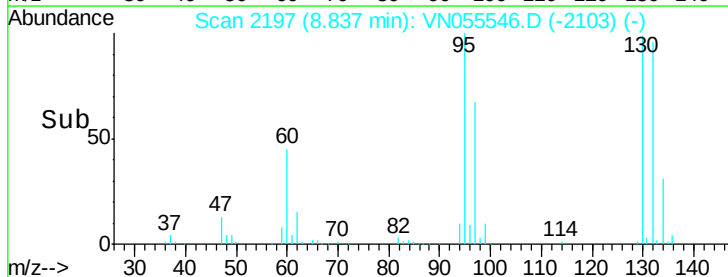
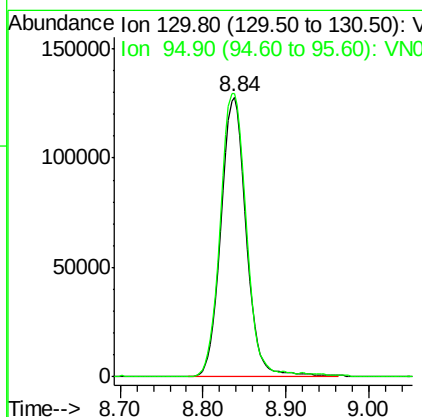
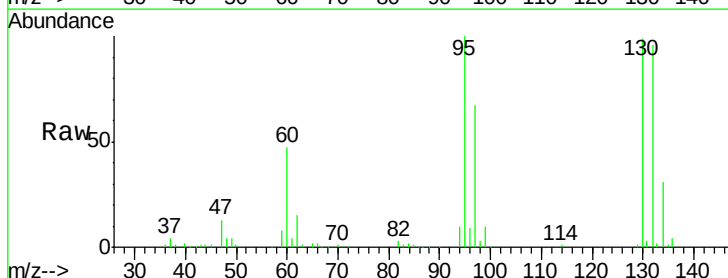
Manual Integrations
 APPROVED

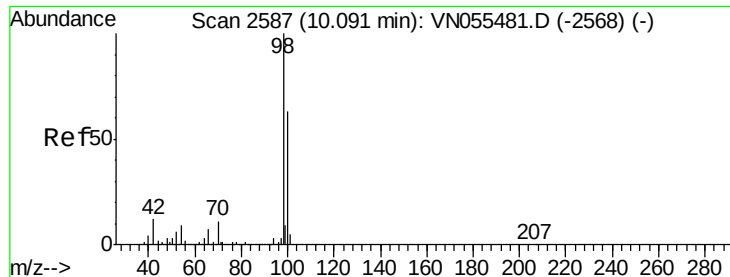
MMDadoda
 5/11/2019 1:16:48 PM



#44
 Trichloroethene
 Concen: 25.572 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN055546.D
 Acq: 10 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	216.8





#50

Toluene-d8

Concen: 48.777 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055546.D

Acq: 10 May 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

IW-18

Tot Ion: 98 Resp: 1785554

Ion Ratio Lower Upper

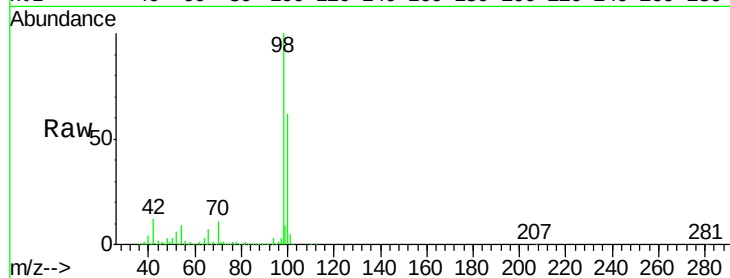
98 100

100 63.1 50.4 75.6

Manual Integrations
APPROVED

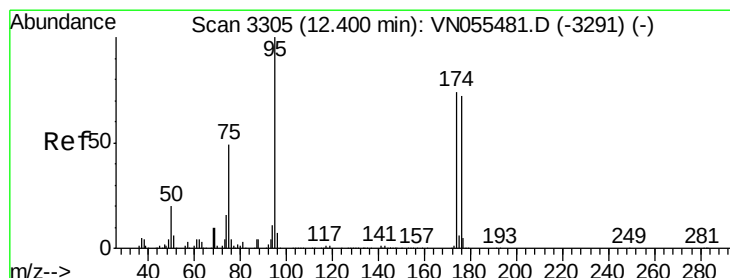
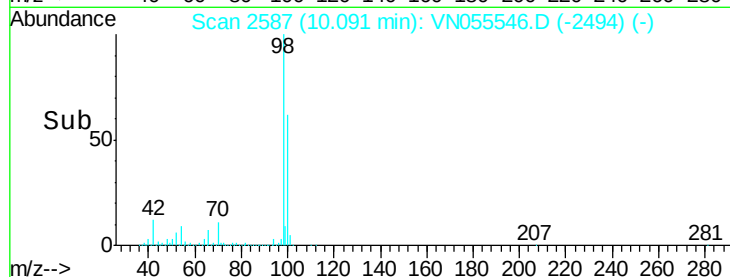
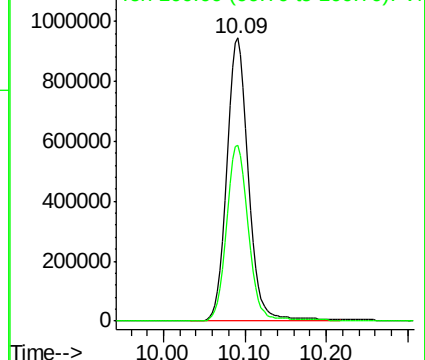
MMDadoda

5/11/2019 1:16:48 PM



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 39.490 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055546.D

Acq: 10 May 2019 12:47

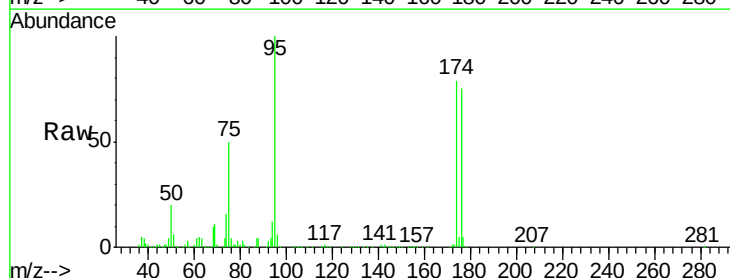
Tgt Ion: 95 Resp: 487424

Ion Ratio Lower Upper

95 100

174 78.9 0.0 152.2

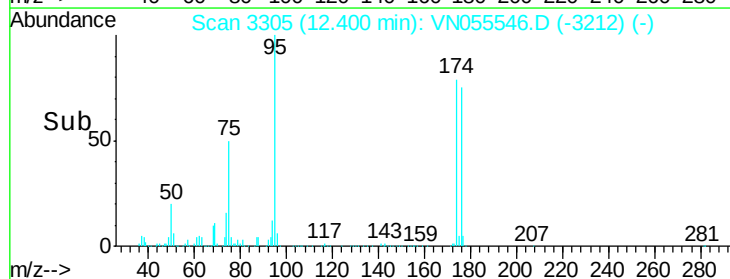
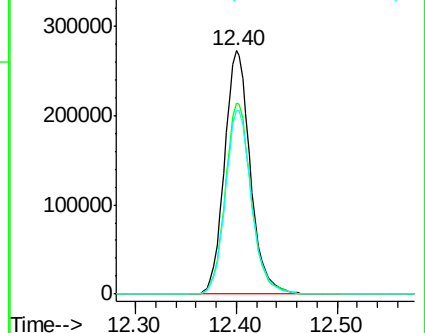
176 76.4 0.0 147.8

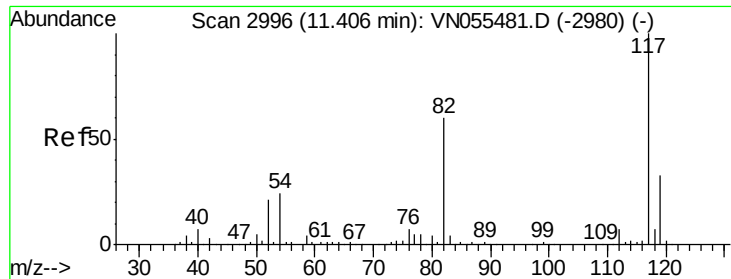


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





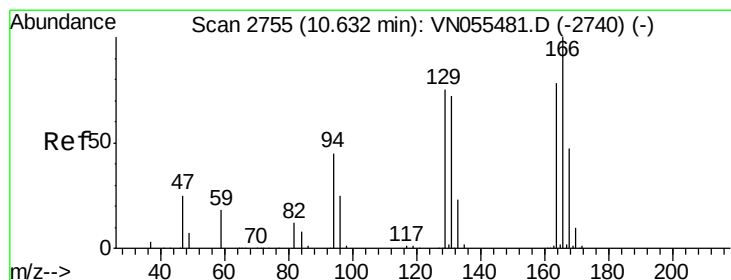
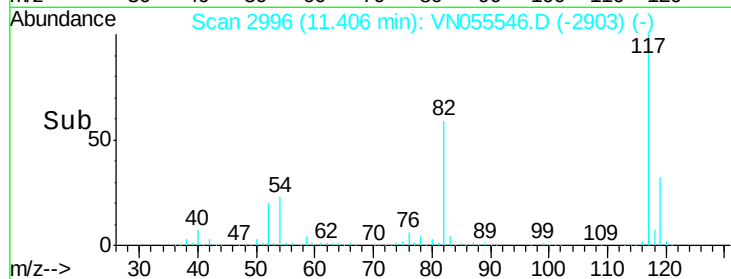
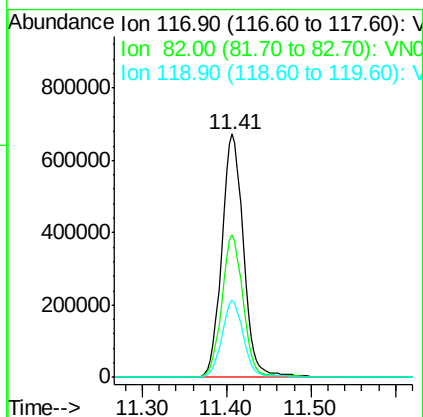
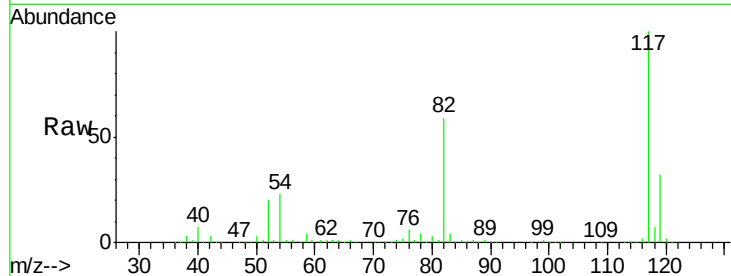
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Instrument :
MSVOA_N
ClientSampled :
IW-18

Tot Ion:117 Resp: 1201121
Ion Ratio Lower Upper
117 100
82 58.6 48.0 72.0
119 31.9 26.0 39.0

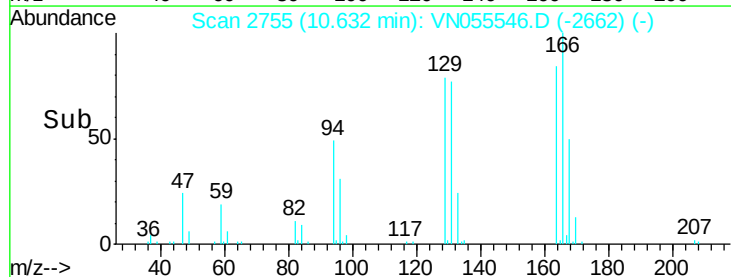
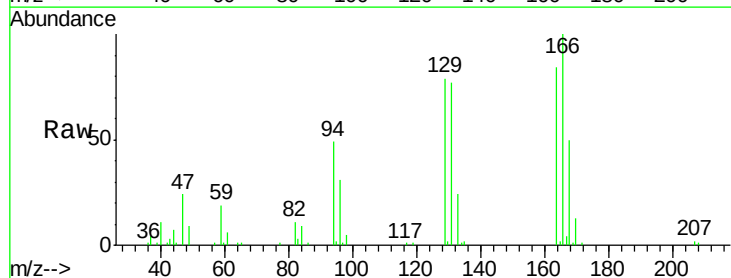
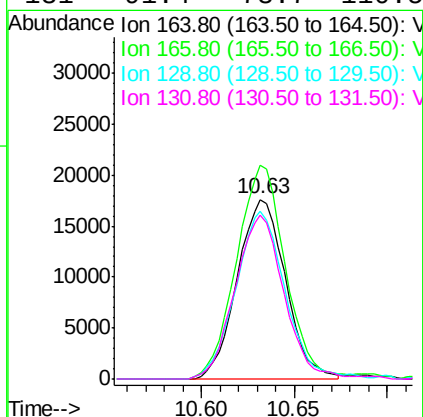
Manual Integrations
APPROVED

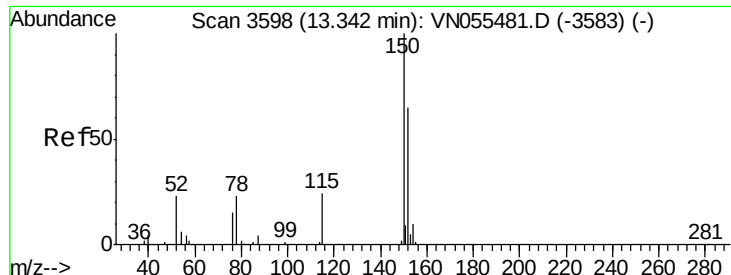
MMDadoda
5/11/2019 1:16:48 PM



#64
Tetrachloroethene
Concen: 3.238 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055546.D
Acq: 10 May 2019 12:47

Tgt Ion:164 Resp: 31869
Ion Ratio Lower Upper
164 100
166 119.0 102.6 153.8
129 93.6 77.0 115.6
131 91.4 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055546.D

Acq: 10 May 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

IW-18

Tot Ion:	152	Resp:	303093
Ion Ratio	Lower	Upper	
152	100		
115	60.1	30.1	90.5
150	156.4	0.0	355.0

Manual Integrations
APPROVED

MMDadoda
5/11/2019 1:16:48 PM

