

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056278.D
 Acq On : 13 Jun 2019 13:56
 Operator : JC/SP
 Sample : K3331-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:37:09 AM

Quant Time: Jun 14 01:35:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	335330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	552485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	187716	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
35) Dibromofluoromethane	7.59	113	169860	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.09	98	683198	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.40	95	217230	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	81239	22.280	ug/l	100
12) 1,1-Dichloroethene	3.72	96	5282	1.876	ug/l	92
16) Acetone	3.82	43	8995	5.649	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	4171	1.383	ug/l	93
27) cis-1,2-Dichloroethene	6.83	96	1165276	328.666	ug/l	92
44) Trichloroethene	8.83	130	67046	16.171	ug/l	97
64) Tetrachloroethene	10.63	164	7827	1.676	ug/l	98
65) Chlorobenzene	11.43	112	3276	0.305	ug/l #	85
87) 1,3-Dichlorobenzene	13.28	146	2849	0.538	ug/l	93
88) 1,4-Dichlorobenzene	13.37	146	1281m	0.252	ug/l	
91) 1,2-Dichlorobenzene	13.65	146	9984	1.869	ug/l	99

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

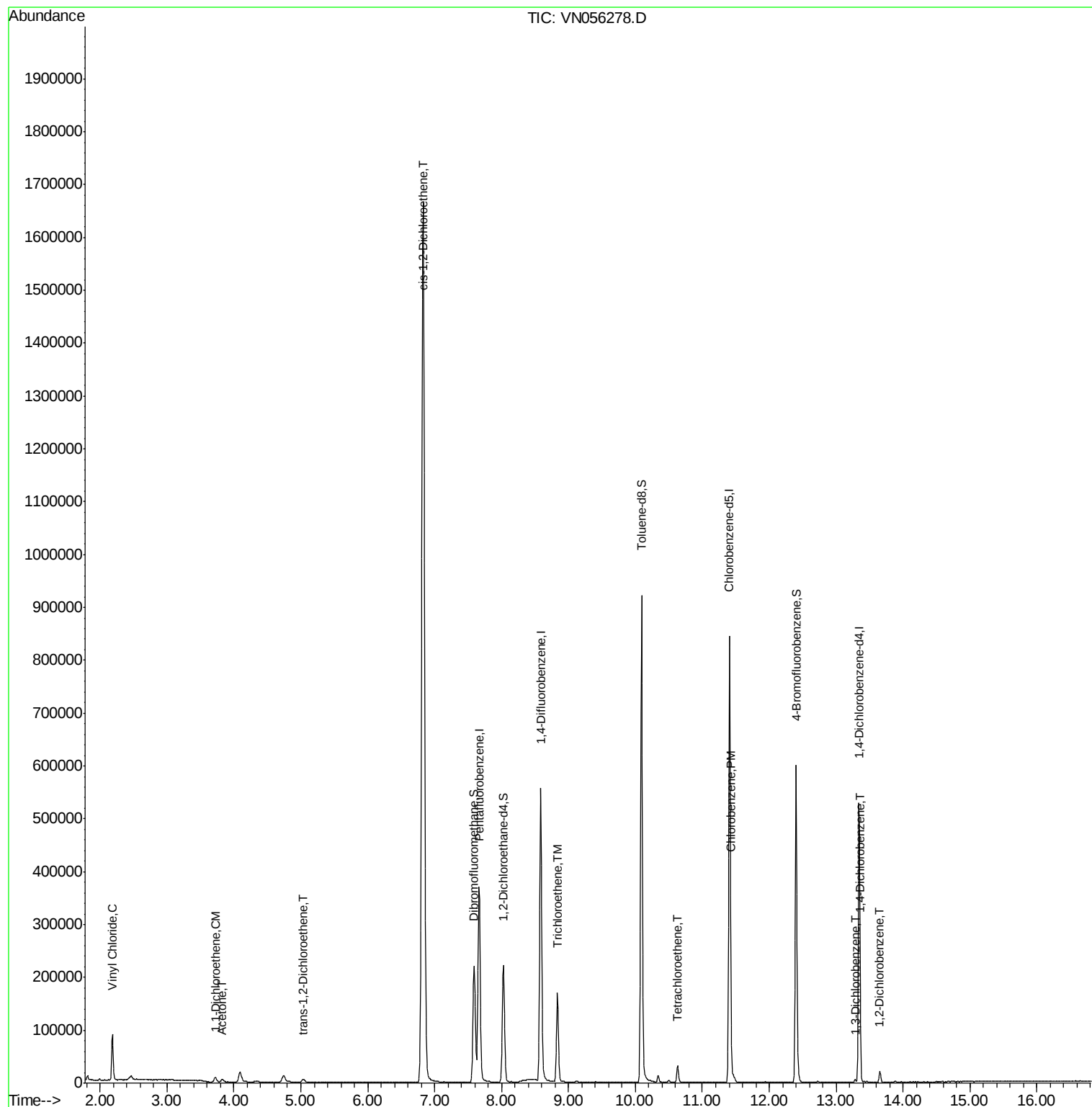
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
Data File : VN056278.D
Acq On : 13 Jun 2019 13:56
Operator : JC/SP
Sample : K3331-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

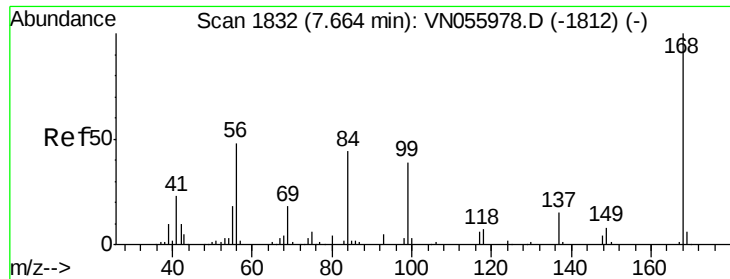
Instrument :
MSVOA_N
ClientSampleId :
MW-1

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Quant Time: Jun 14 01:35:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tot Ion:168 Resp: 335330

Ion Ratio Lower Upper

168 100

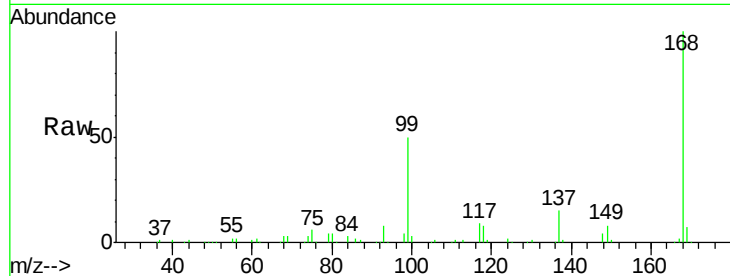
99 50.4 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

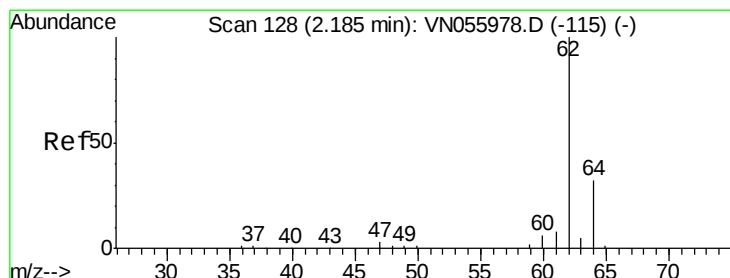
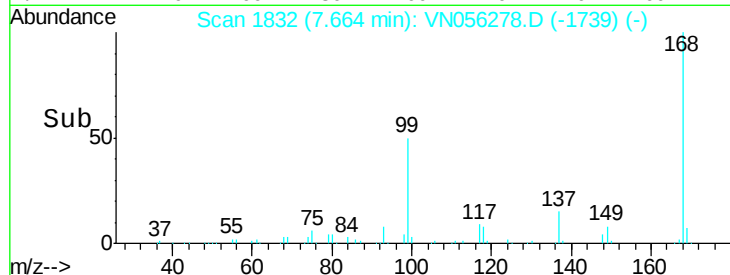
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 22.280 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056278.D

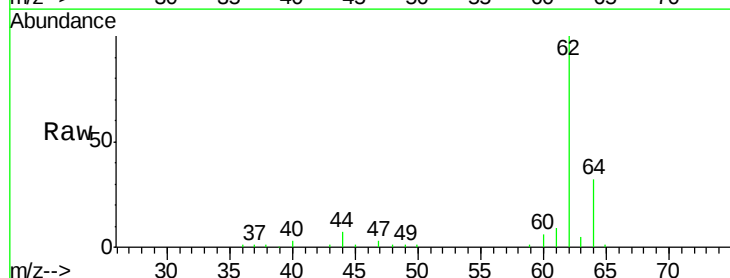
Acq: 13 Jun 2019 13:56

Tgt Ion: 62 Resp: 81239

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

60000

50000

40000

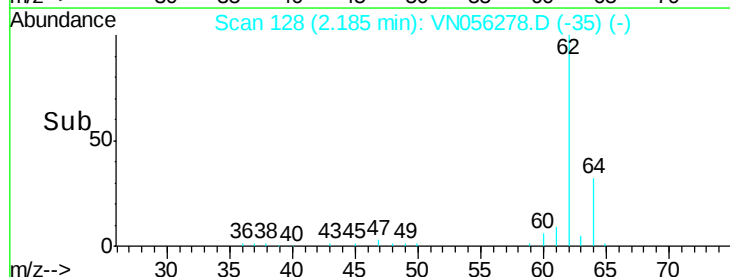
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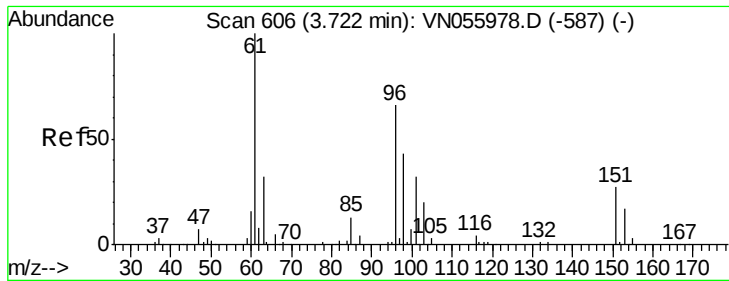
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.876 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

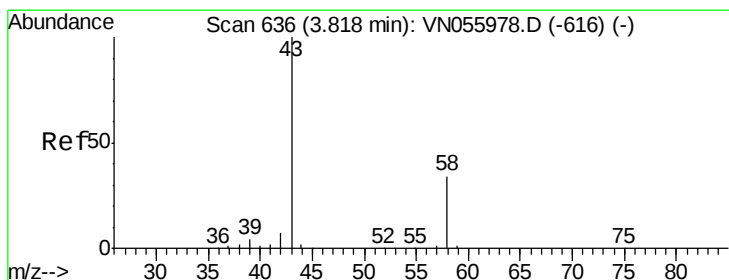
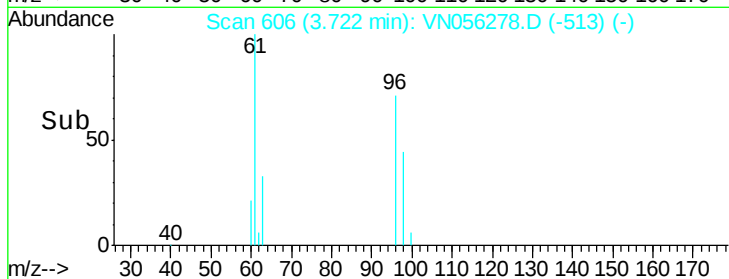
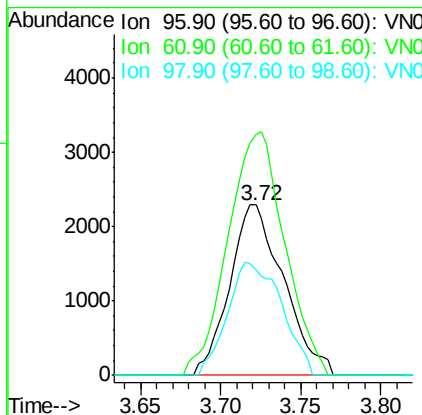
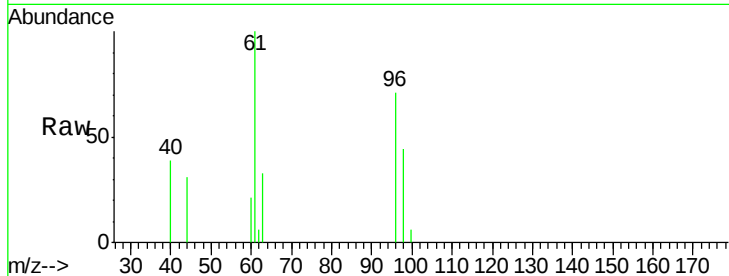
ClientSampled :

MW-1

Tot Ion:	96	Resp:	5282
Ion	Ratio	Lower	Upper
96	100		
61	141.2	123.2	184.8
98	61.6	50.4	75.6

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#16

Acetone

Concen: 5.649 ug/l

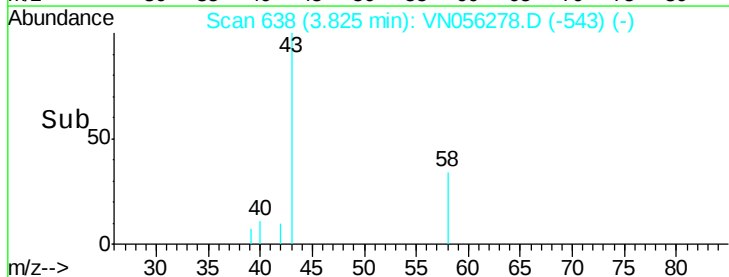
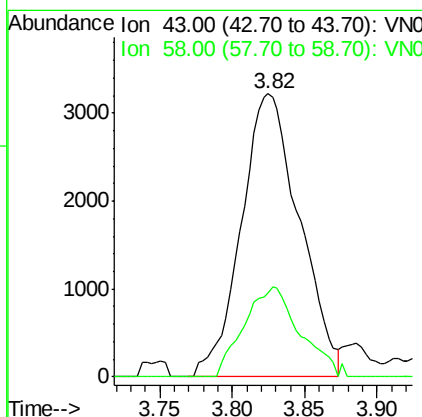
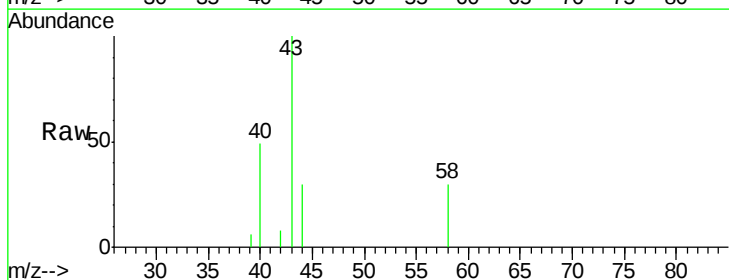
RT: 3.82 min Scan# 638

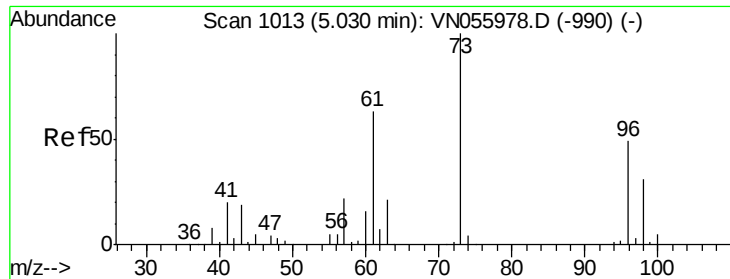
Delta R.T. 0.01 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Tgt Ion:	43	Resp:	8995
Ion	Ratio	Lower	Upper
43	100		
58	29.8	26.6	39.8





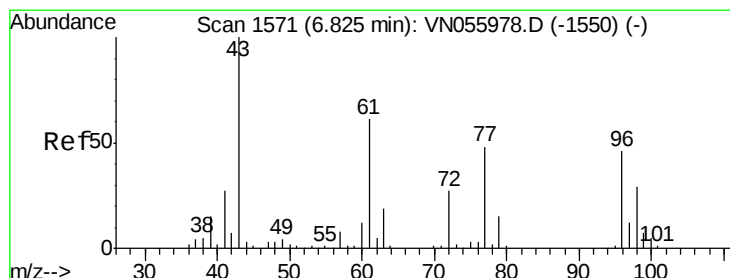
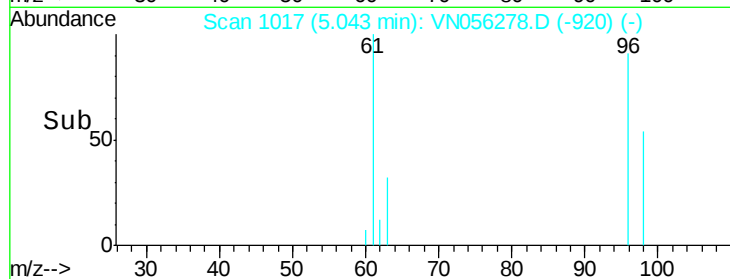
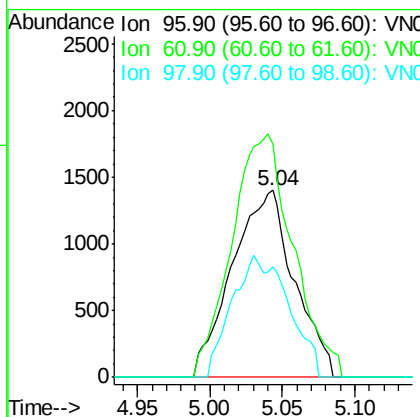
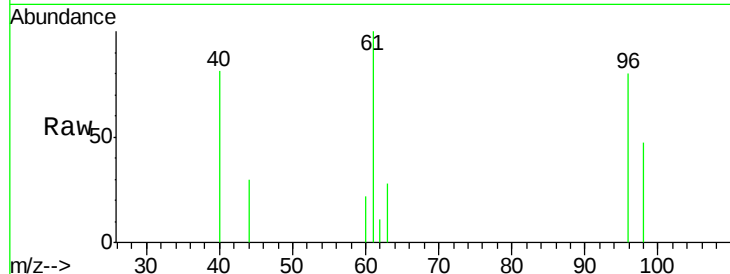
#21
trans-1,2-Dichloroethene
Concen: 1.383 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	107.8	161.8
98	59.2	49.8	74.8

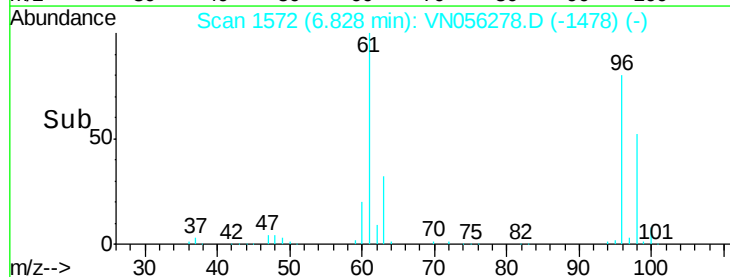
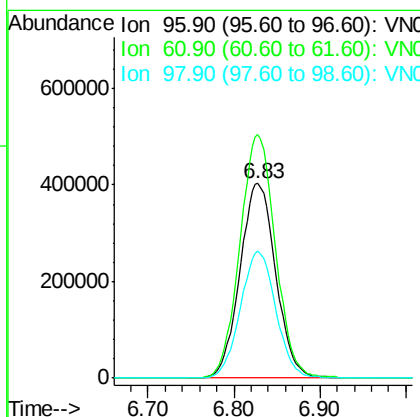
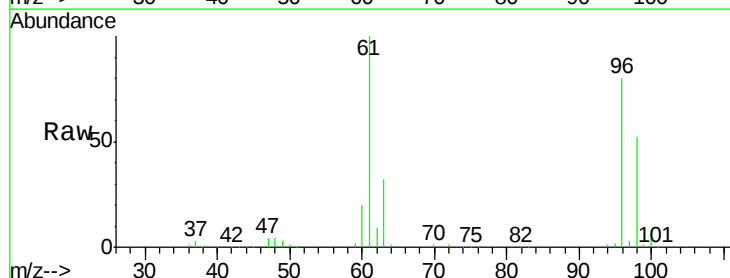
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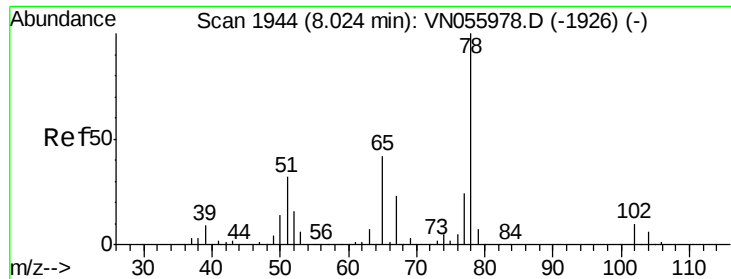
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#27
cis-1,2-Dichloroethene
Concen: 328.666 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	275.8
98	64.7	0.0	128.4





#33

1,2-Dichloroethane-d4

Concen: 56.379 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

MW-1

Tot Ion: 65 Resp: 187716

Ion Ratio Lower Upper

65 100

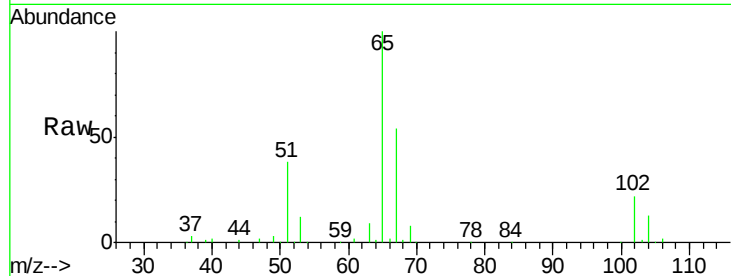
67 55.0 0.0 109.2

Manual Integrations

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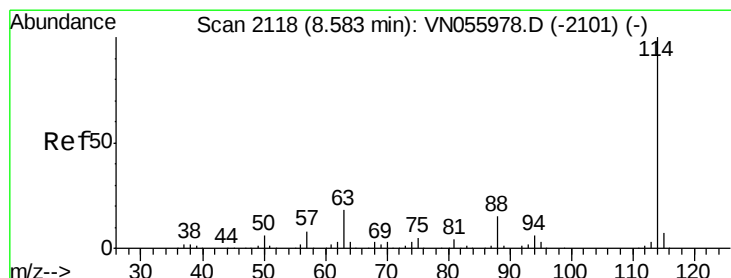
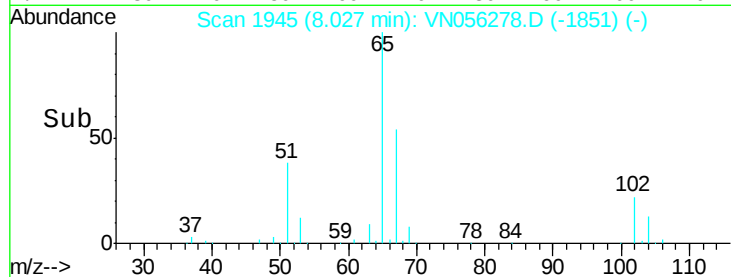
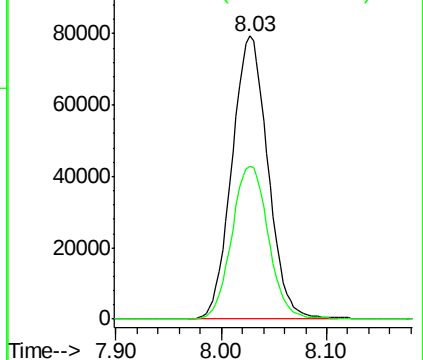
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Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

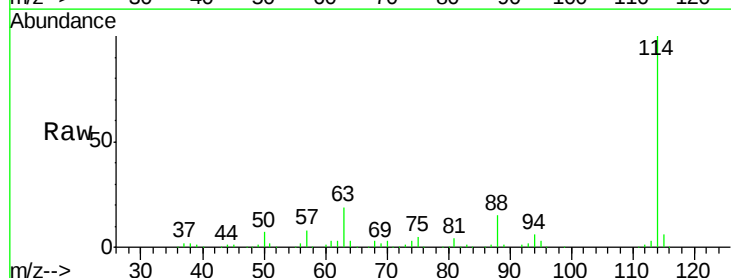
Tgt Ion: 114 Resp: 552485

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.2

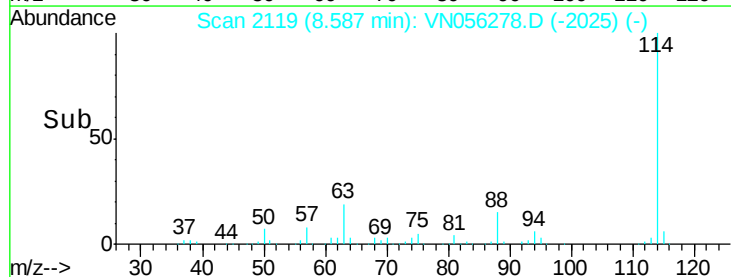
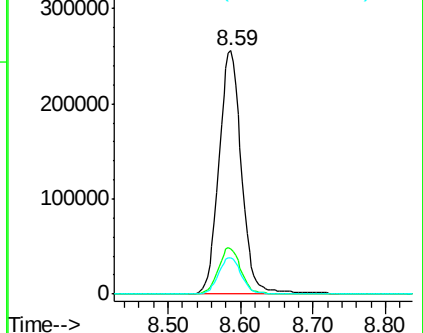
88 14.8 0.0 31.0

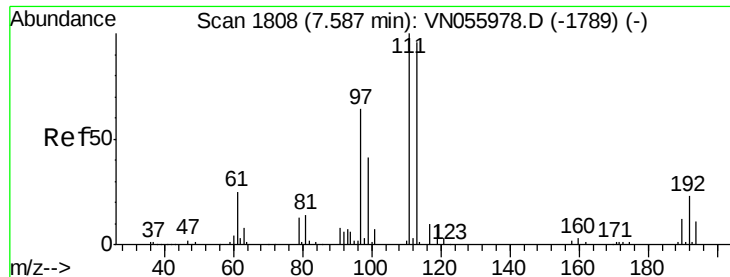


Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)





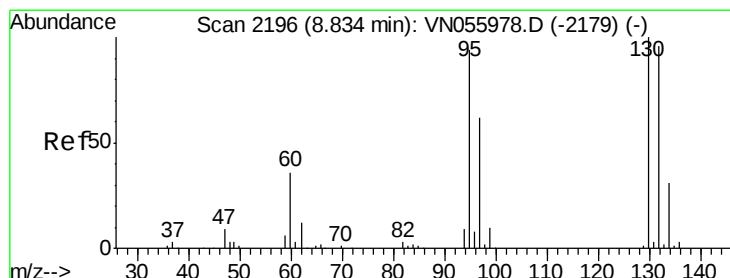
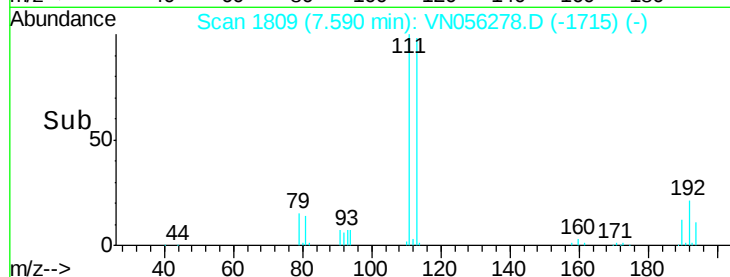
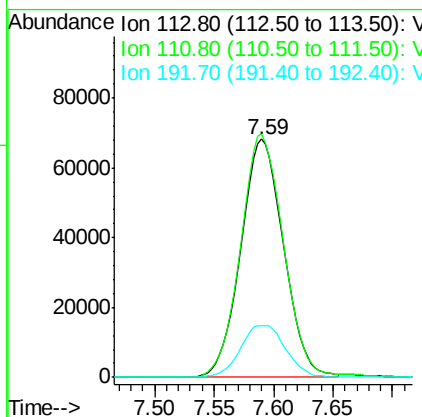
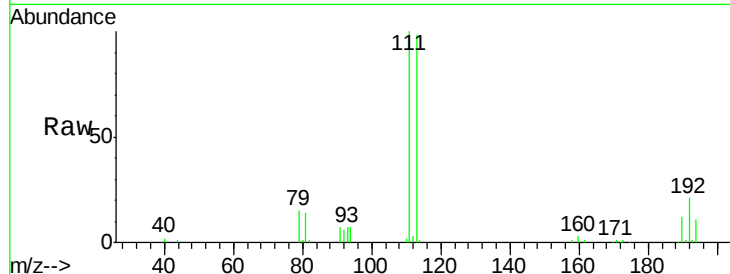
#35
 Dibromofluoromethane
 Concen: 50.111 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169860		
111	102.1	81.9	122.9	
192	23.1	19.5	29.3	

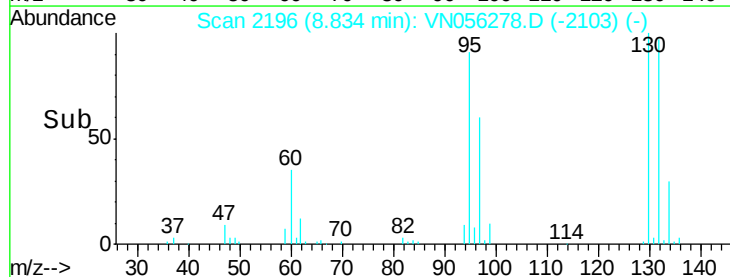
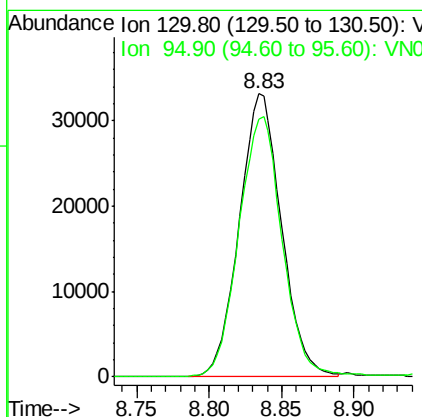
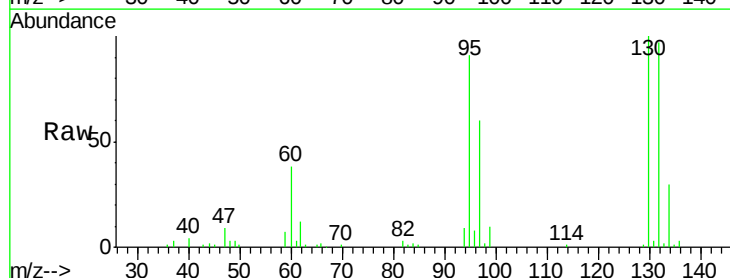
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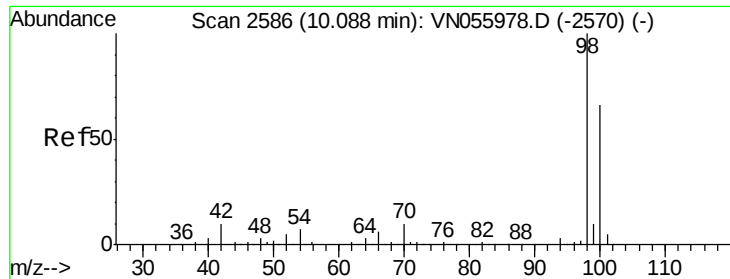
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#44
 Trichloroethene
 Concen: 16.171 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	67046		
95	91.2	0.0	188.0	





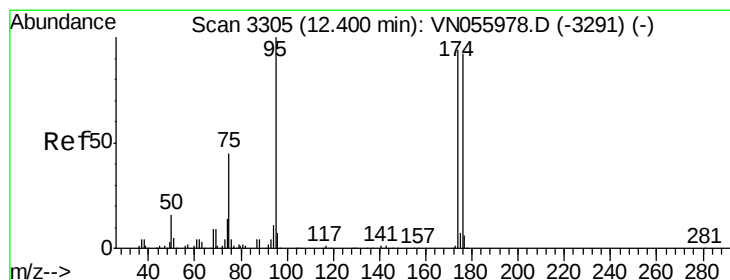
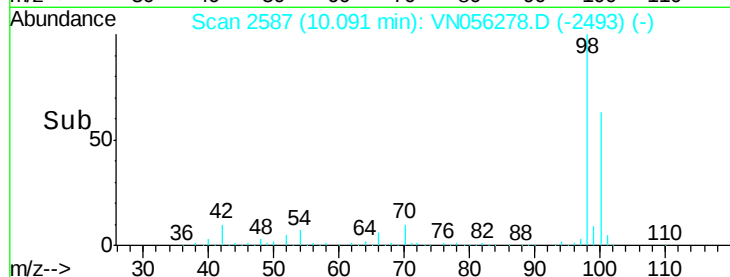
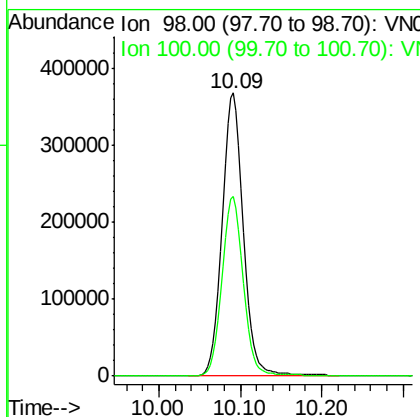
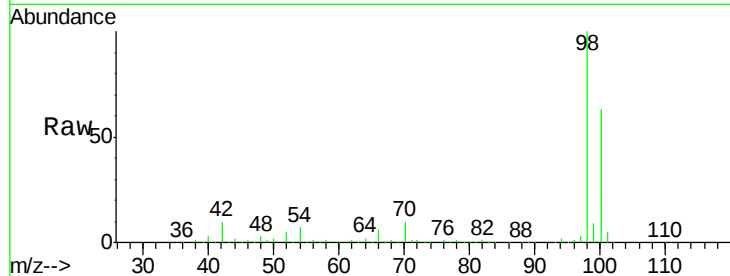
#50
Toluene-d8
Concen: 52.378 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion	98	Resp	683198
Ion Ratio	100	Lower	Upper
98	100	51.9	77.9
100	64.1		

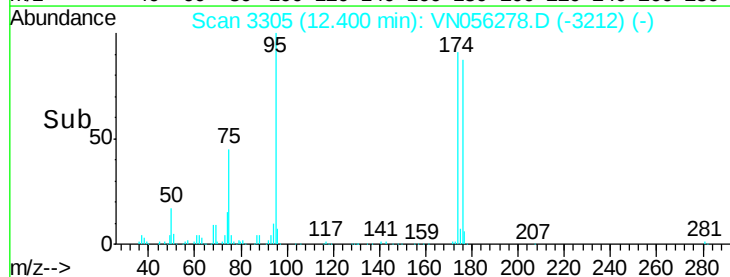
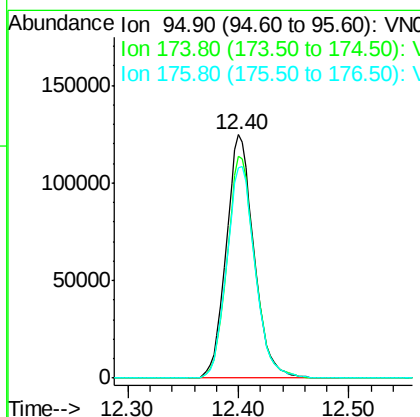
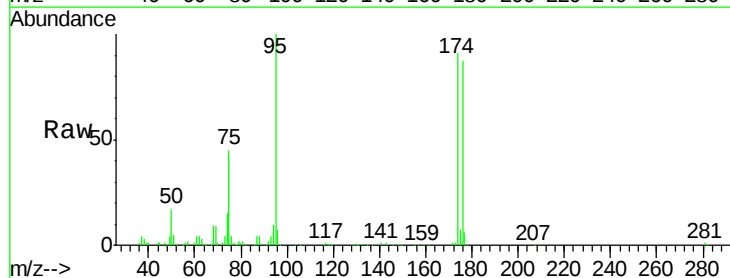
Manual Integrations
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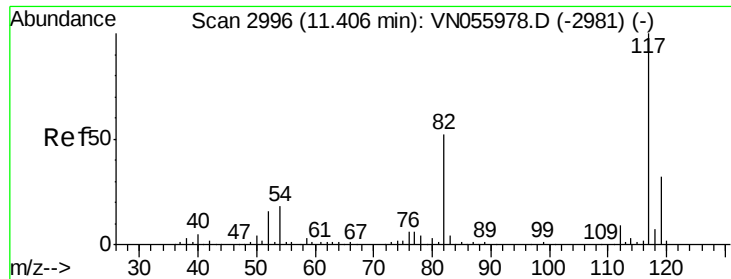
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6/14/2019 9:37:09 AM



#62
4-Bromofluorobenzene
Concen: 48.972 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Tgt Ion	95	Resp	217230
Ion Ratio	100	Lower	Upper
95	100	0.0	191.0
174	91.2		
176	89.2		





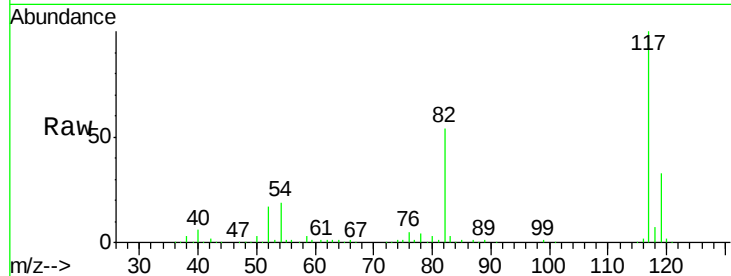
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.8	62.8
119	32.6	25.4	38.0

Manual Integrations
APPROVED

MMDadoda
6/14/2019 9:37:09 AM

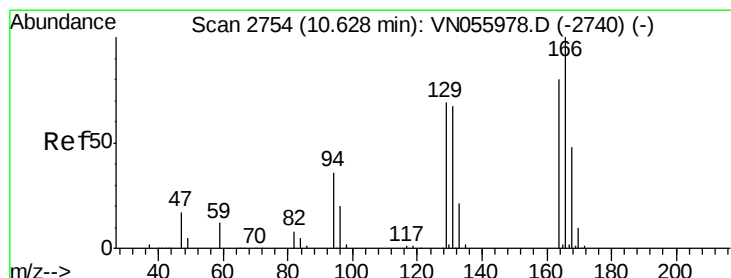
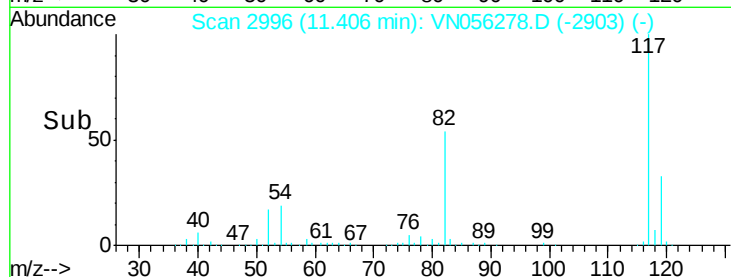
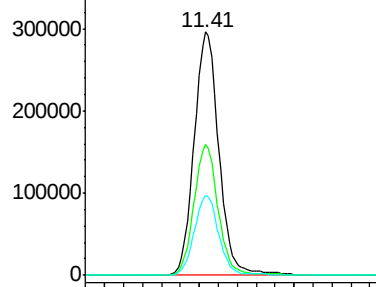


Abundance

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: 1.676 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.0	154.6
129	89.3	70.6	105.8
131	91.0	68.6	102.8

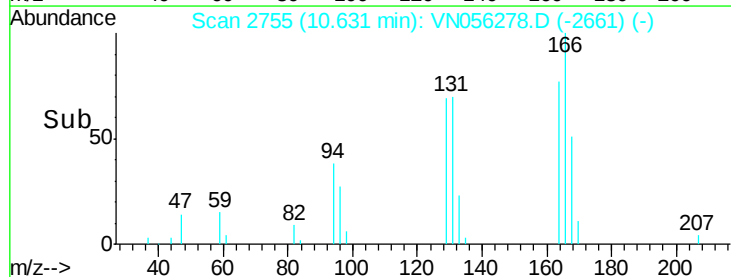
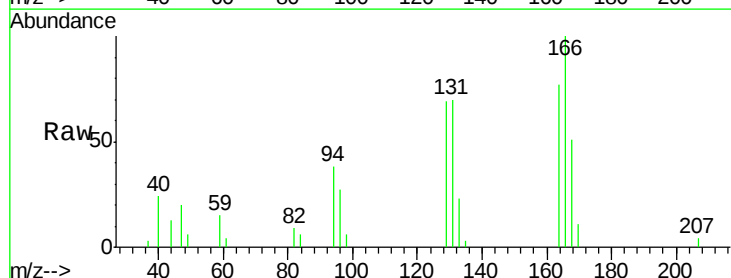
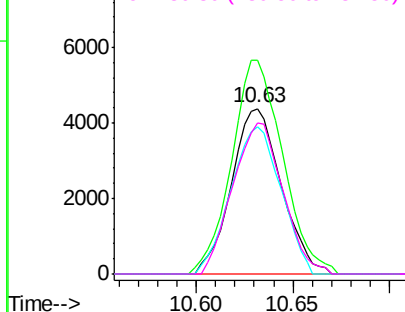
Abundance

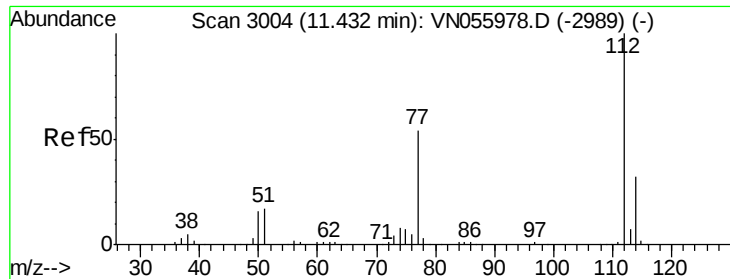
Ion 163.80 (163.50 to 164.50): V

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





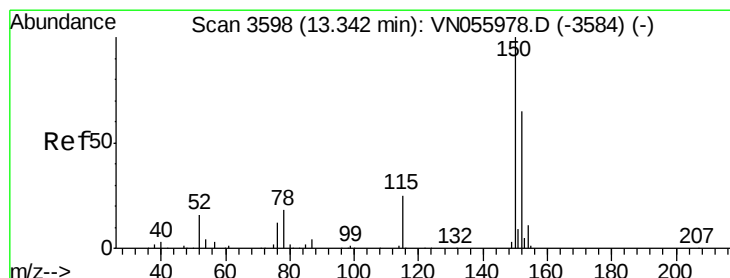
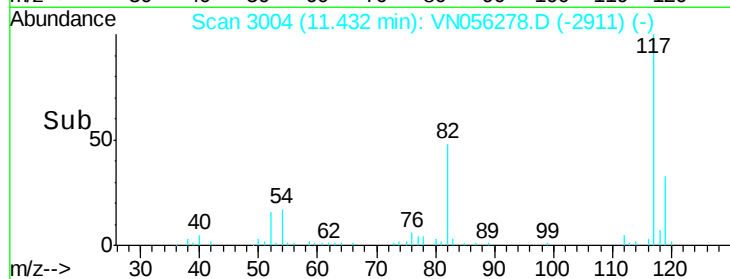
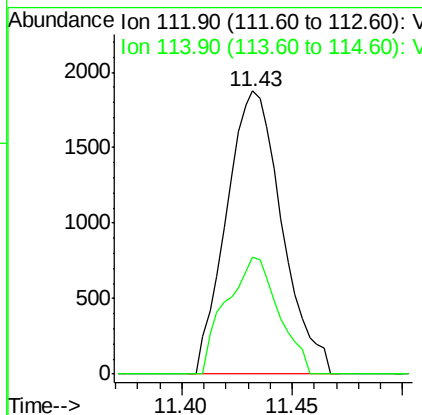
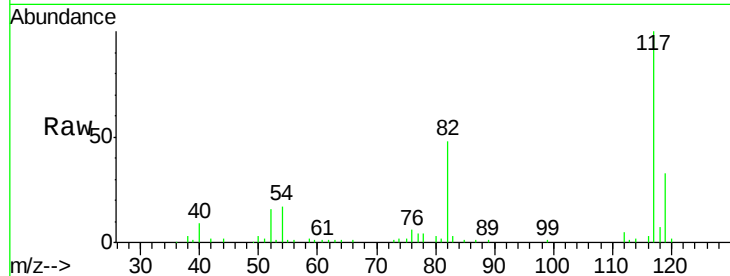
#65
Chlorobenzene
Concen: 0.305 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion:112 Resp: 3276
Ion Ratio Lower Upper
112 100
114 41.3 26.2 39.4#

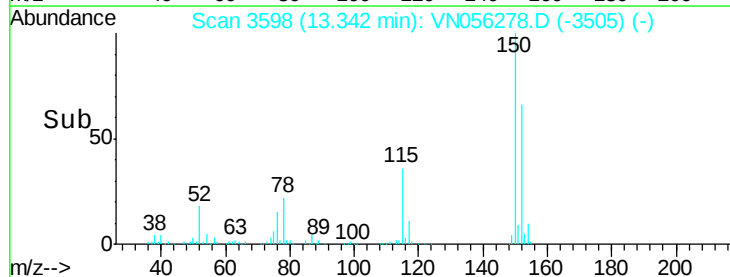
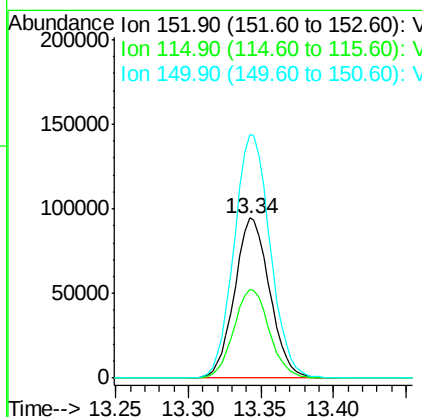
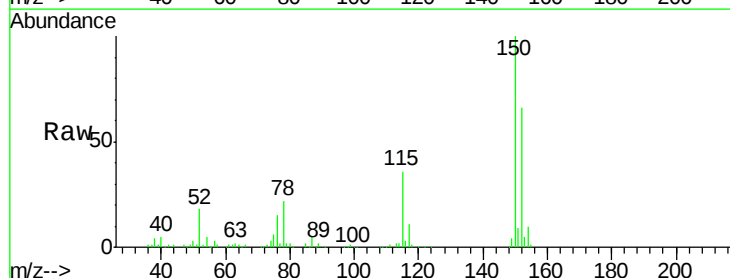
Manual Integrations
APPROVED

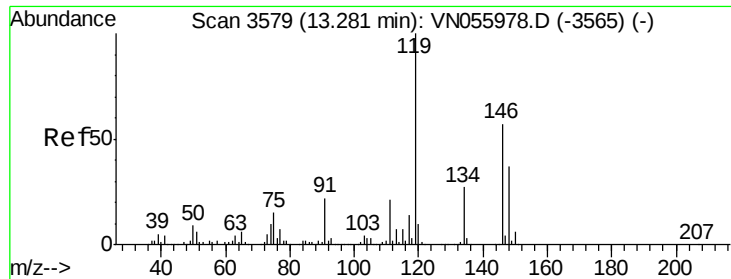
MMDadoda
6/14/2019 9:37:09 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Tgt Ion:152 Resp: 159672
Ion Ratio Lower Upper
152 100
115 55.8 27.0 81.0
150 156.4 0.0 343.2





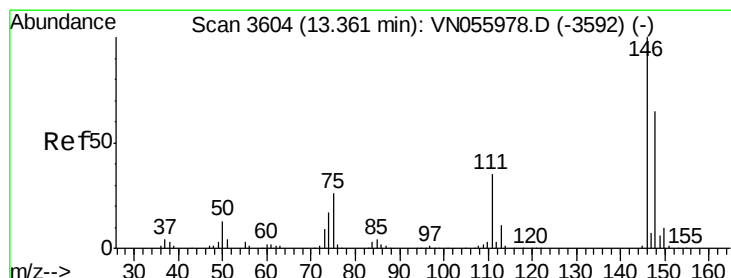
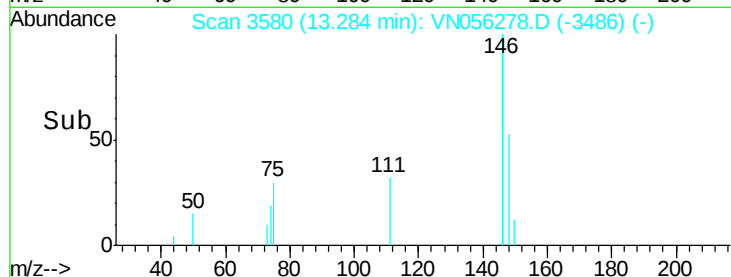
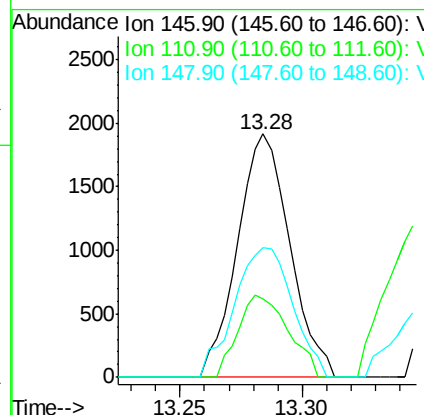
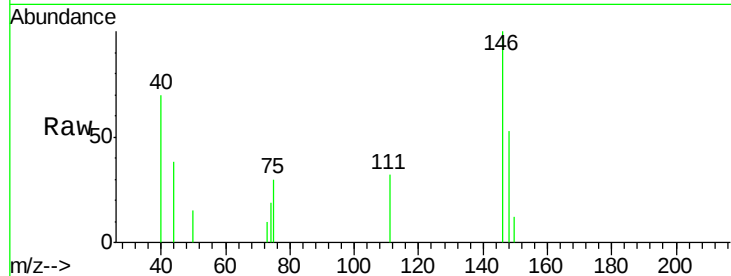
#87
 1,3-Dichlorobenzene
 Concen: 0.538 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1

Tot Ion	Ratio	Lower	Upper
146	100		
111	32.4	18.5	55.5
148	59.2	32.0	96.2

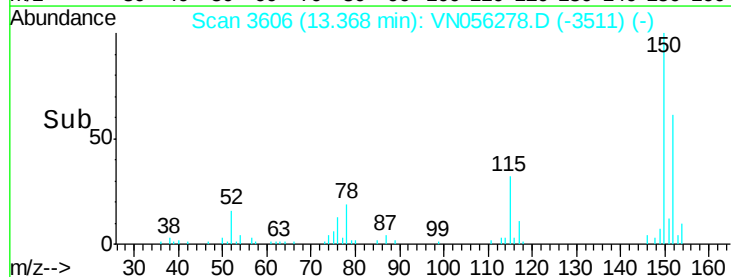
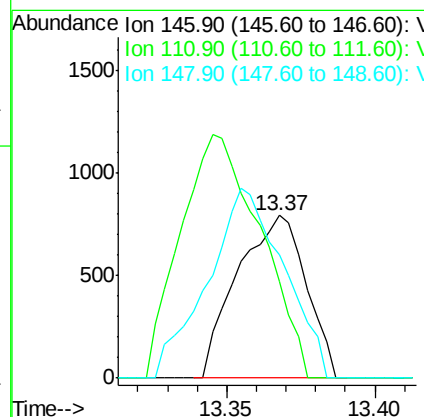
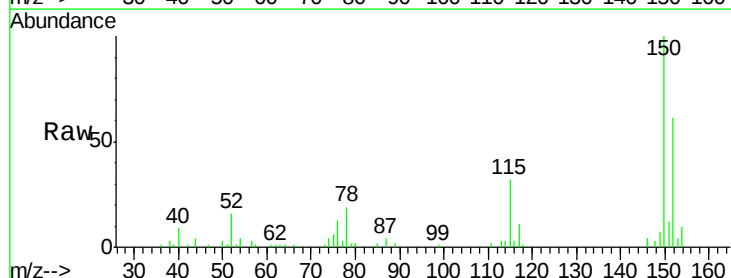
Manual Integrations
 APPROVED

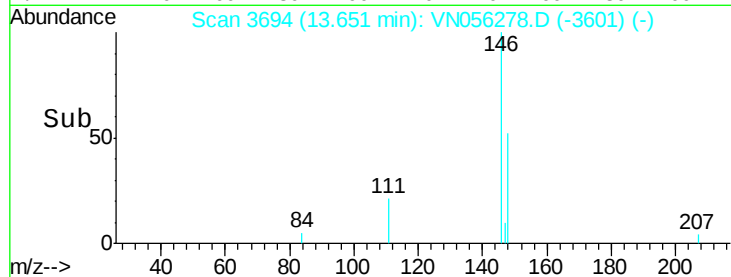
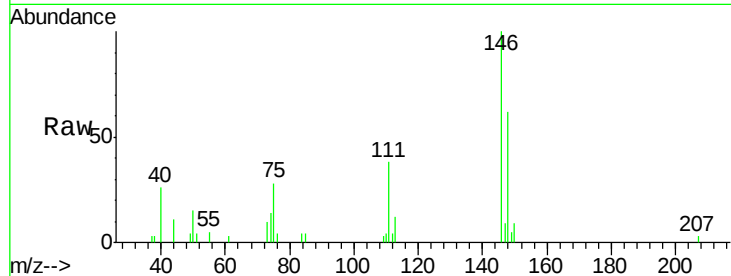
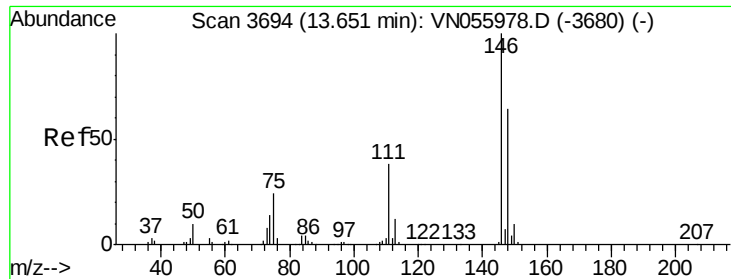
MMDadoda
 6/14/2019 9:37:09 AM



#88
 1,4-Dichlorobenzene
 Concen: 0.252 ug/l m
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.01 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	72.1	18.1	54.4#
148	131.6	32.1	96.5#





#91
 1,2-Dichlorobenzene
 Concen: 1.869 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.1	31.9	95.9

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:37:09 AM

