

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056257.D
 Acq On : 12 Jun 2019 18:37
 Operator : JC/SP
 Sample : K3315-13DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20190610DL

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:08:50 AM

Quant Time: Jun 13 05:38:44 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	306422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	459041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	450562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	138812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	155990	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	7.59	113	148356	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	10.09	98	575907	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.40	95	177642	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.74	101	4204	1.627	ug/l #	77
27) cis-1,2-Dichloroethene	6.82	96	1971m	0.608	ug/l	
44) Trichloroethene	8.83	130	111532	32.377	ug/l	98
64) Tetrachloroethene	10.63	164	3776	0.968	ug/l	89

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

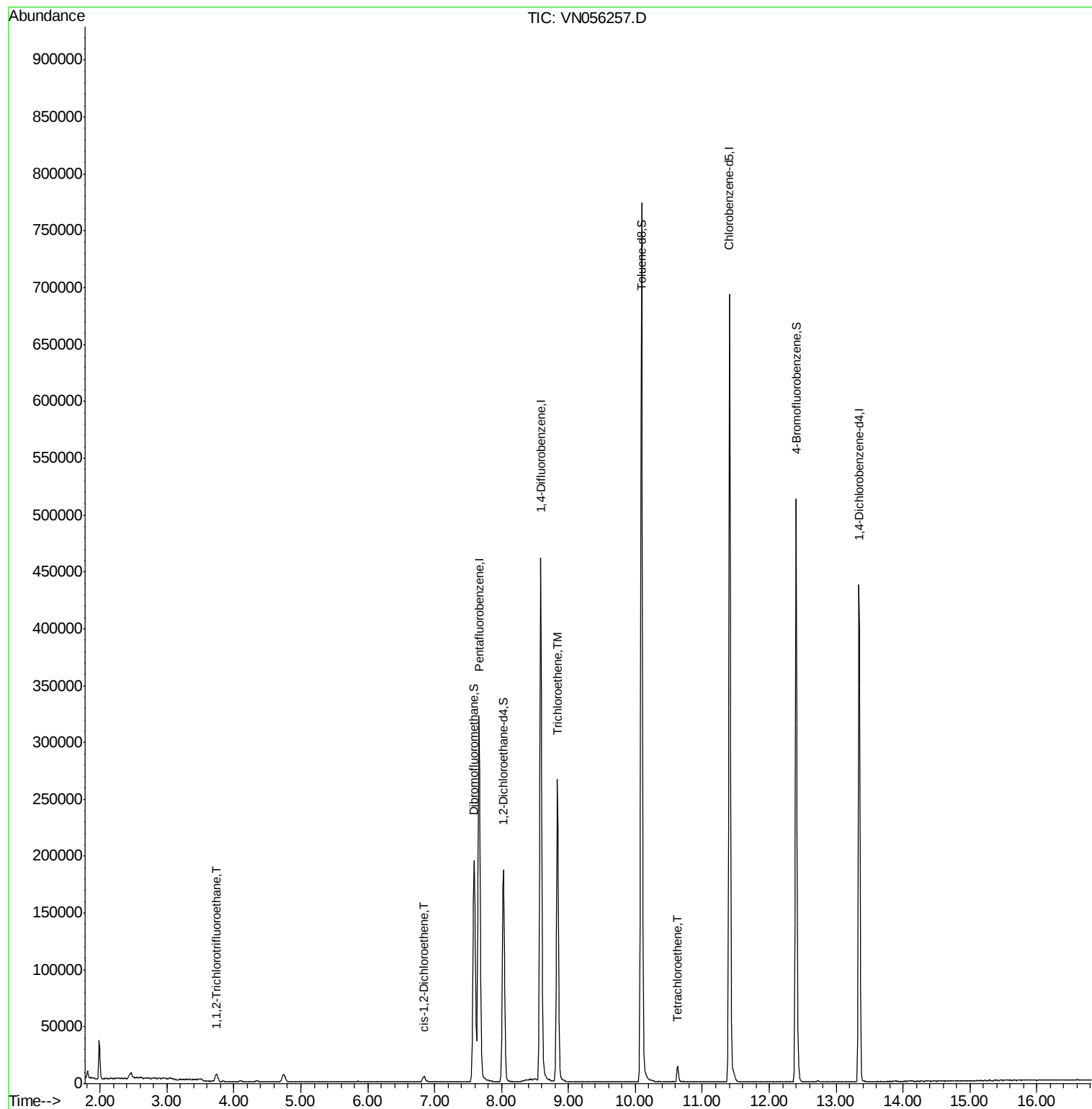
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061219\
Data File : VN056257.D
Acq On : 12 Jun 2019 18:37
Operator : JC/SP
Sample : K3315-13DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

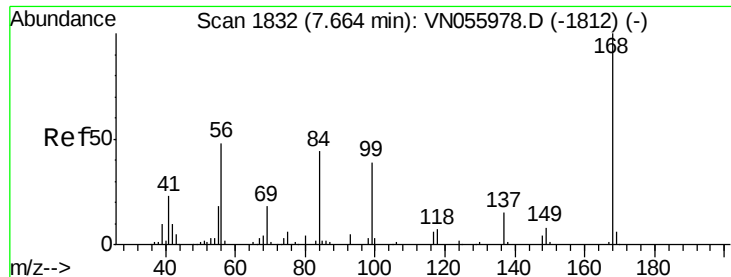
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20190610DL

Manual Integrations
APPROVED

MMDadoda
6/13/2019 11:08:50 AM

Quant Time: Jun 13 05:38:44 2019
Quant Method : Z:\V0ASRV\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: VN056257.D

Acq: 12 Jun 2019 18:37

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20190610DL

Tot Ion:168 Resp: 306422

Ion Ratio Lower Upper

168 100

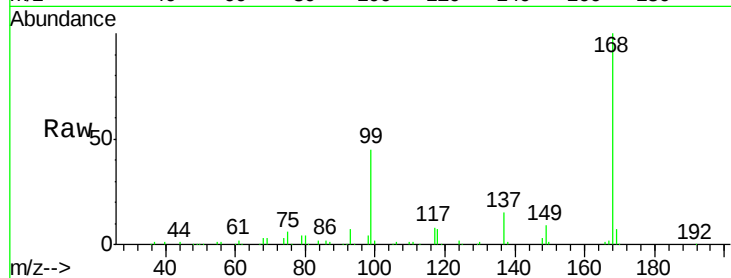
99 45.3 37.2 55.8

Manual Integrations

APPROVED

MMDadoda

6/13/2019 11:08:50 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

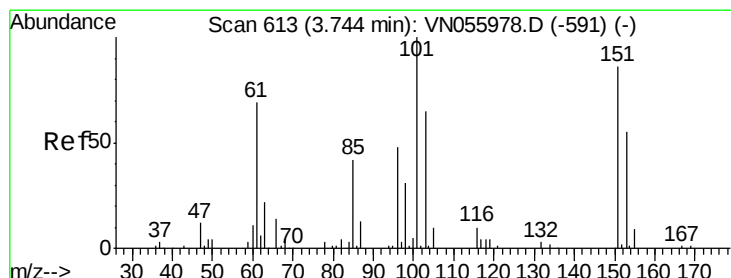
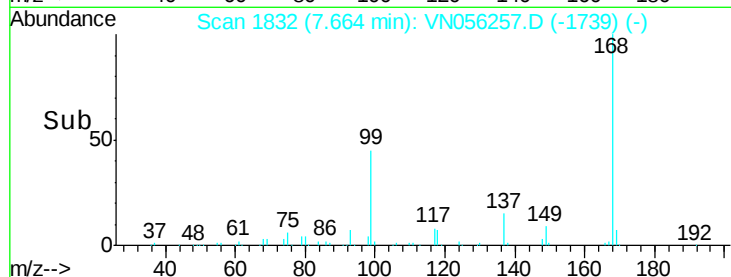
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.627 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056257.D

Acq: 12 Jun 2019 18:37

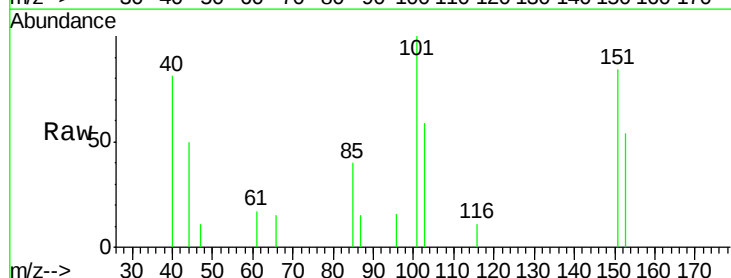
Tgt Ion:101 Resp: 4204

Ion Ratio Lower Upper

101 100

85 36.6 33.4 50.2

151 58.8 69.4 104.2#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.74

2000

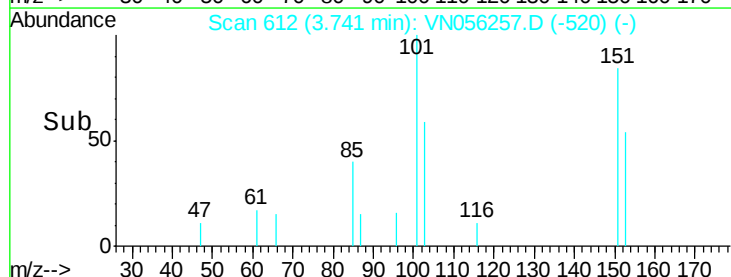
1500

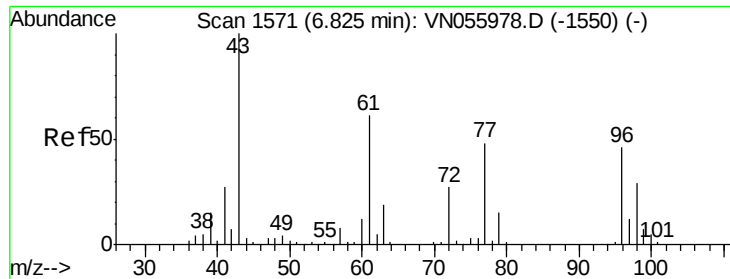
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.608 ug/l m

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056257.D

Acq: 12 Jun 2019 18:37

Tot Ion:	96	Resp:	1971
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	275.8
98	71.3	0.0	128.4

Instrument :

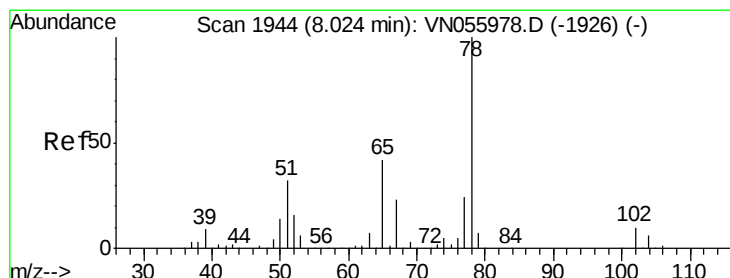
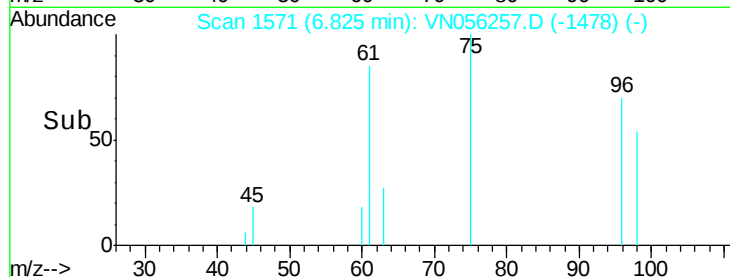
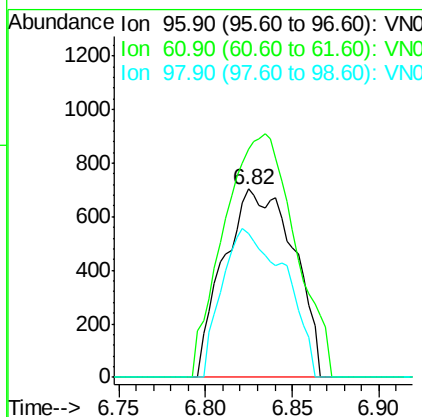
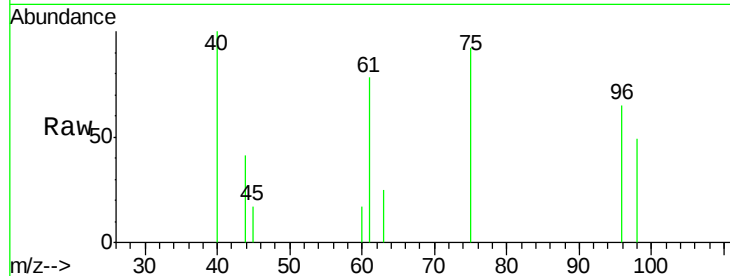
MSVOA_N

ClientSampleId :

RE125D1-20190610DL

Manual Integrations
APPROVED

MMDadoda
6/13/2019 11:08:50 AM



#33

1,2-Dichloroethane-d4

Concen: 51.270 ug/l

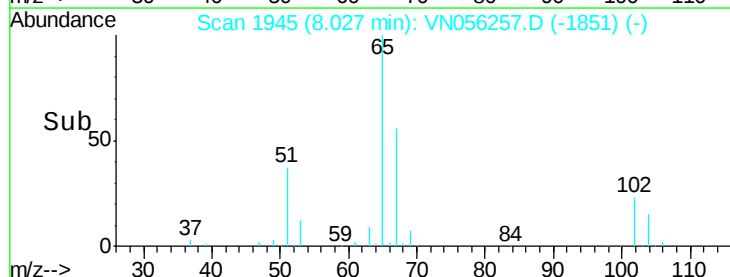
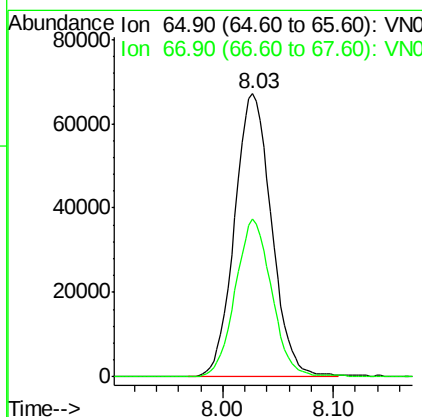
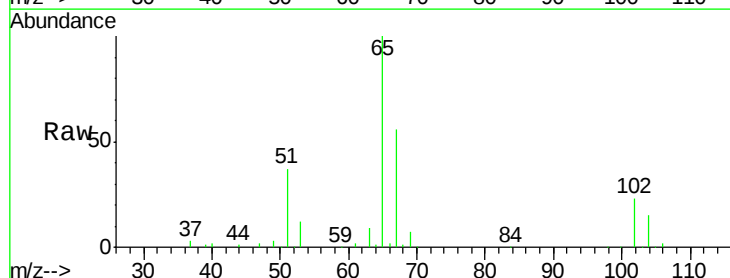
RT: 8.03 min Scan# 1945

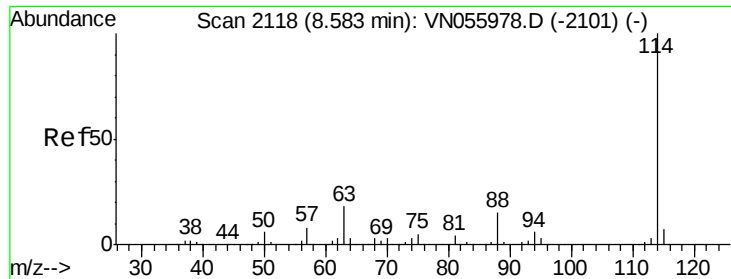
Delta R.T. 0.00 min

Lab File: VN056257.D

Acq: 12 Jun 2019 18:37

Tgt Ion:	65	Resp:	155990
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.2





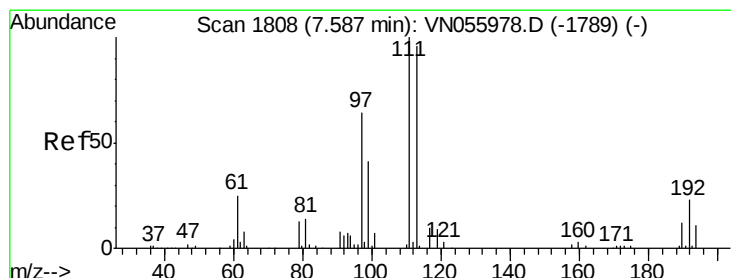
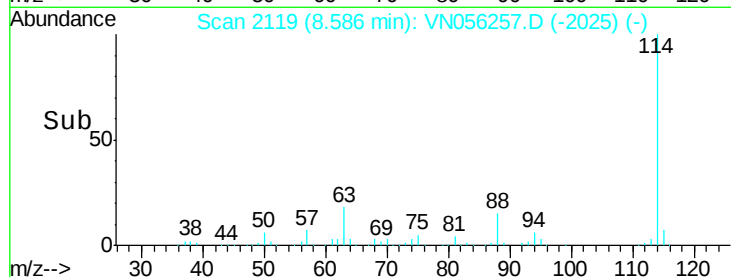
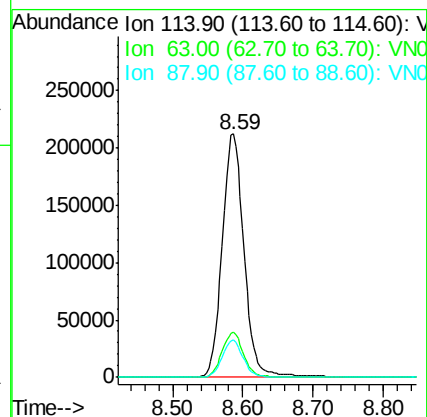
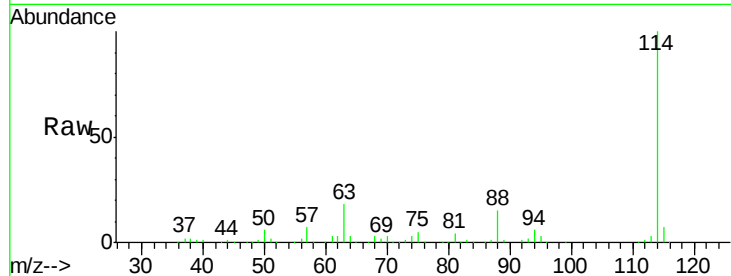
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056257.D
 Acq: 12 Jun 2019 18:37

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20190610DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	459041		
63	18.4	0.0	39.2	
88	15.2	0.0	31.0	

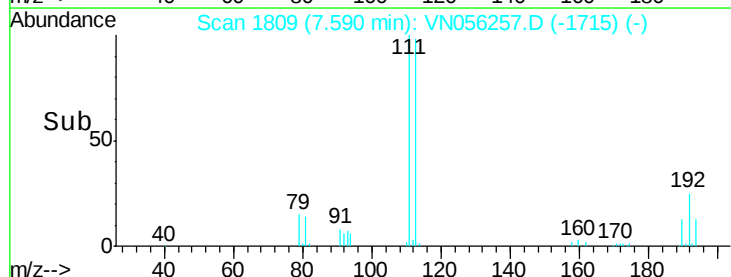
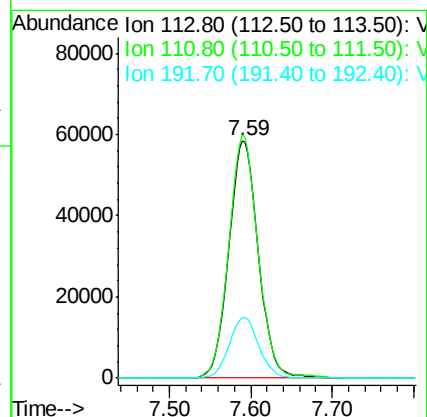
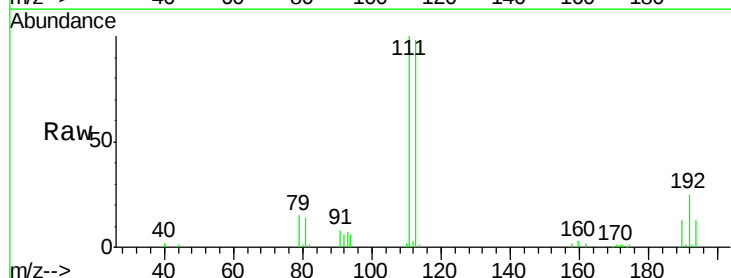
Manual Integrations
 APPROVED

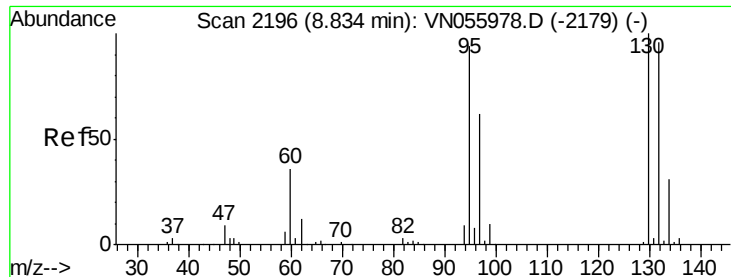
MMDadoda
 6/13/2019 11:08:50 AM



#35
 Dibromofluoromethane
 Concen: 52.676 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056257.D
 Acq: 12 Jun 2019 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	148356		
111	102.0	81.9	122.9	
192	25.8	19.5	29.3	





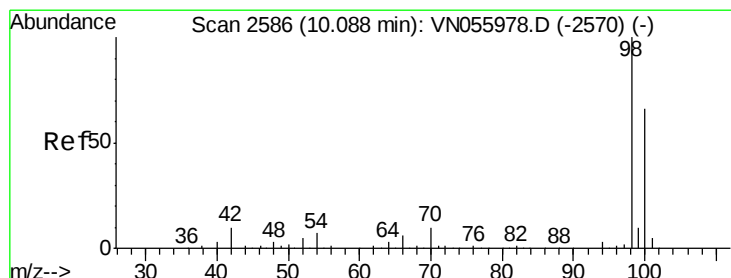
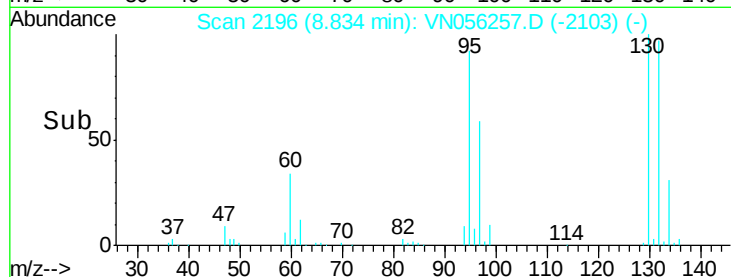
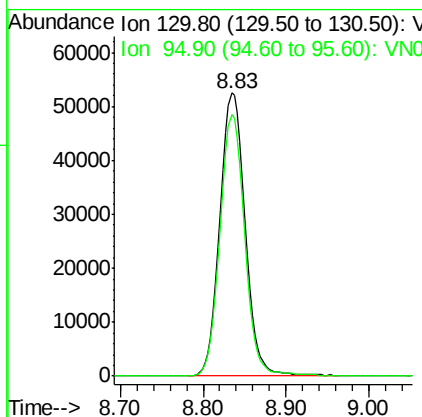
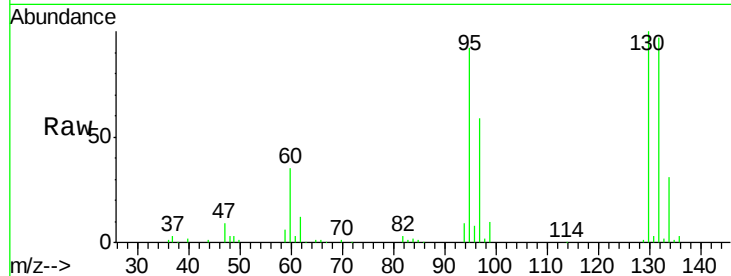
#44
 Trichloroethene
 Concen: 32.377 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056257.D
 Acq: 12 Jun 2019 18:37

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20190610DL

Tot Ion:130 Resp: 111532
 Ion Ratio Lower Upper
 130 100
 95 92.4 0.0 188.0

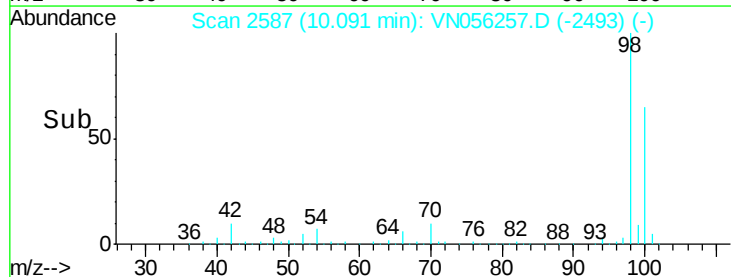
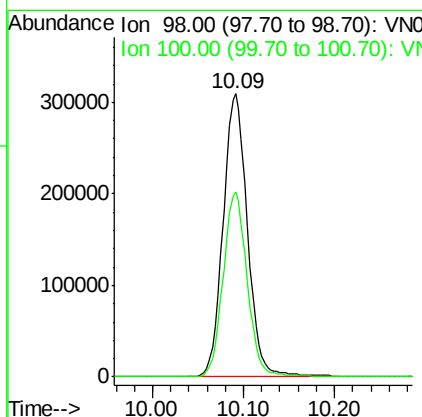
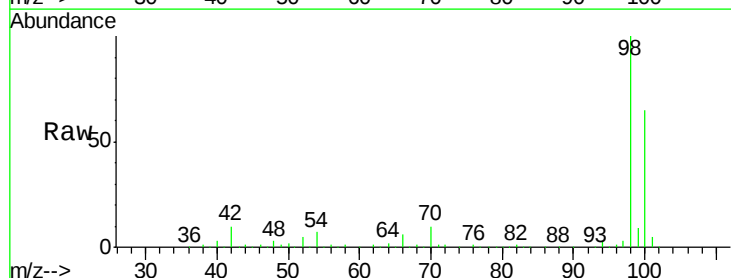
Manual Integrations
 APPROVED

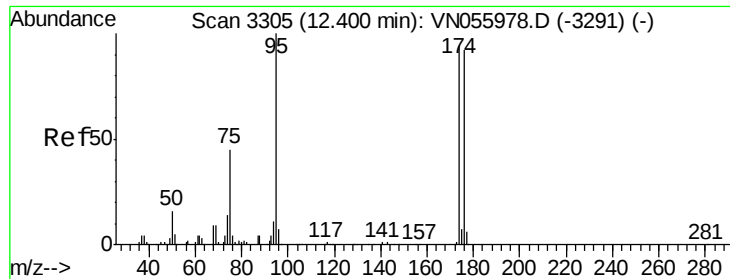
MMDadoda
 6/13/2019 11:08:50 AM



#50
 Toluene-d8
 Concen: 53.141 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056257.D
 Acq: 12 Jun 2019 18:37

Tgt Ion: 98 Resp: 575907
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 48.200 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056257.D

Acq: 12 Jun 2019 18:37

Instrument :

MSVOA_N

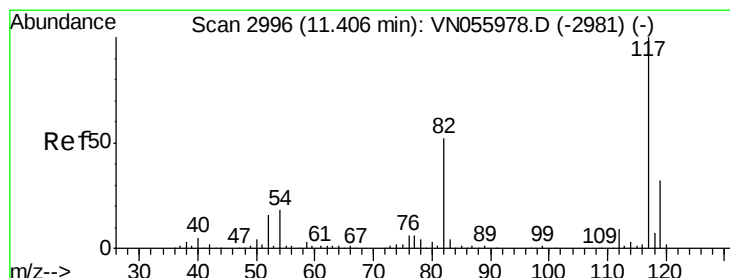
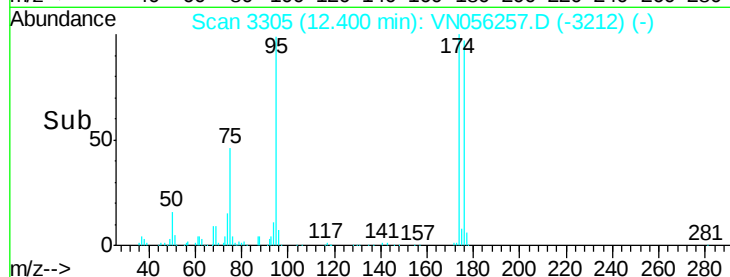
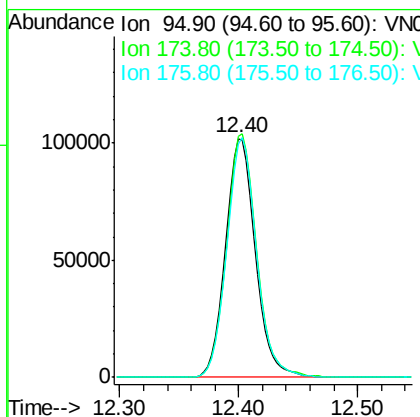
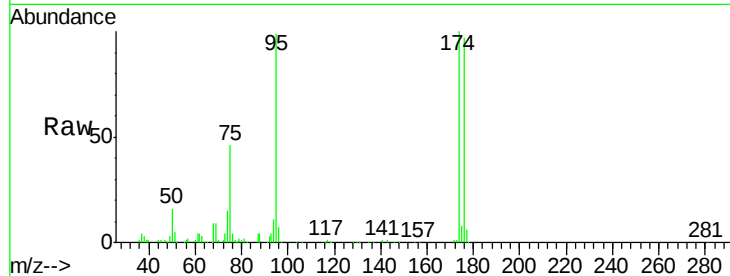
ClientSampleId :

RE125D1-20190610DL

Tot Ion:	95	Resp:	177642
Ion Ratio	Lower	Upper	
95	100		
174	102.0	0.0	191.0
176	99.6	0.0	185.2

Manual Integrations
APPROVED

MMDadoda
6/13/2019 11:08:50 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

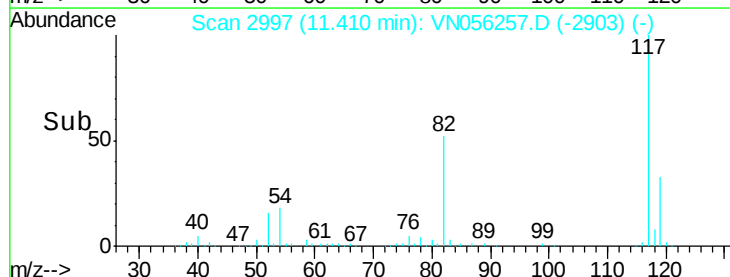
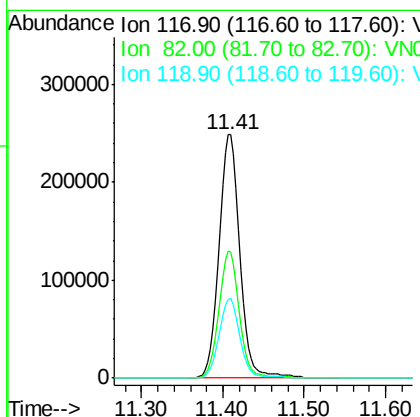
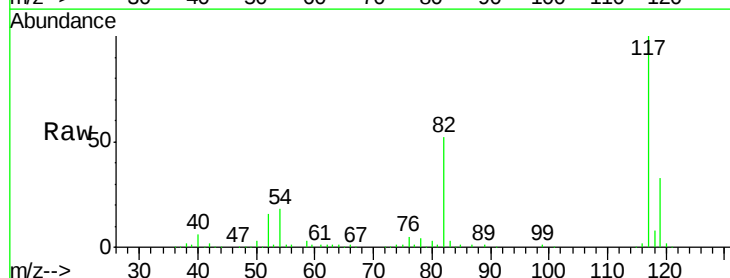
RT: 11.41 min Scan# 2997

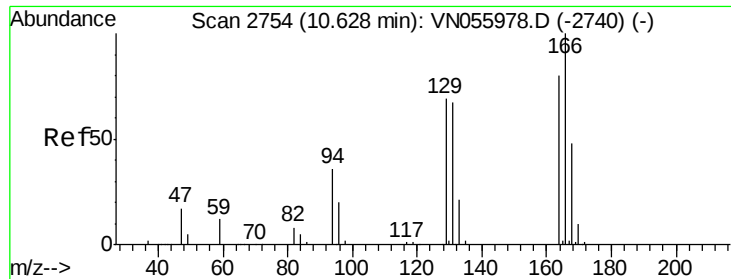
Delta R.T. 0.00 min

Lab File: VN056257.D

Acq: 12 Jun 2019 18:37

Tgt Ion:	117	Resp:	450562
Ion Ratio	Lower	Upper	
117	100		
82	51.6	41.8	62.8
119	32.6	25.4	38.0





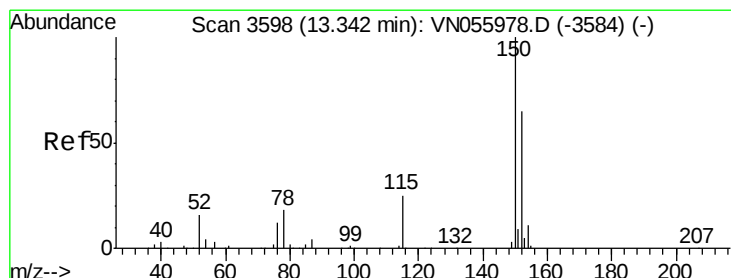
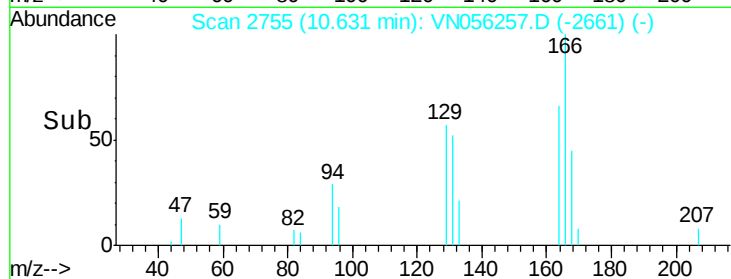
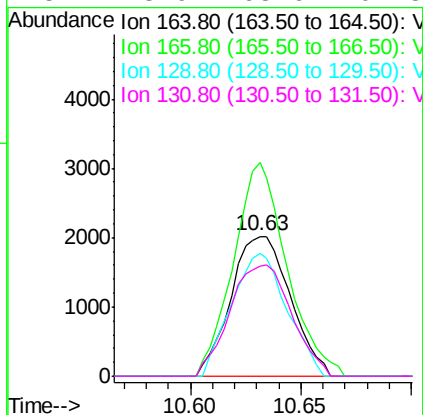
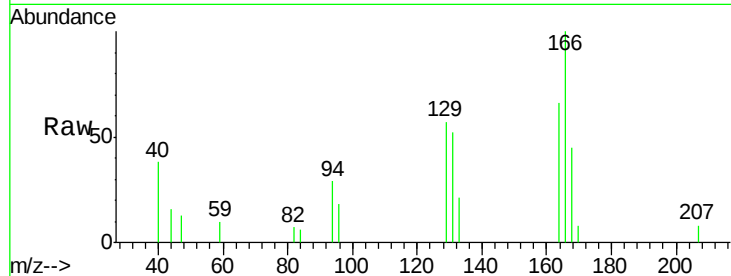
#64
Tetrachloroethene
Concen: 0.968 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056257.D
Acq: 12 Jun 2019 18:37

Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20190610DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	152.5	103.0	154.6
129	87.4	70.6	105.8
131	78.9	68.6	102.8

Manual Integrations
APPROVED

MMDadoda
6/13/2019 11:08:50 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056257.D
Acq: 12 Jun 2019 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.6	27.0	81.0
150	157.9	0.0	343.2

