

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057737.D
 Acq On : 7 Sep 2019 00:28
 Operator : JC/SP
 Sample : K4580-37
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-A3-(0)

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 9:57:11 AM

Quant Time: Sep 07 03:45:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	192050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	323413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	294844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	149807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	248631	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	7.58	113	148408	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.09	98	568789	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.40	95	214874	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
16) Acetone	3.80	43	9799	6.816	ug/l	93
20) Methylene Chloride	4.53	84	6552m	2.108	ug/l	
43) Isopropyl Acetate	8.15	43	65652	8.008	ug/l	99

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

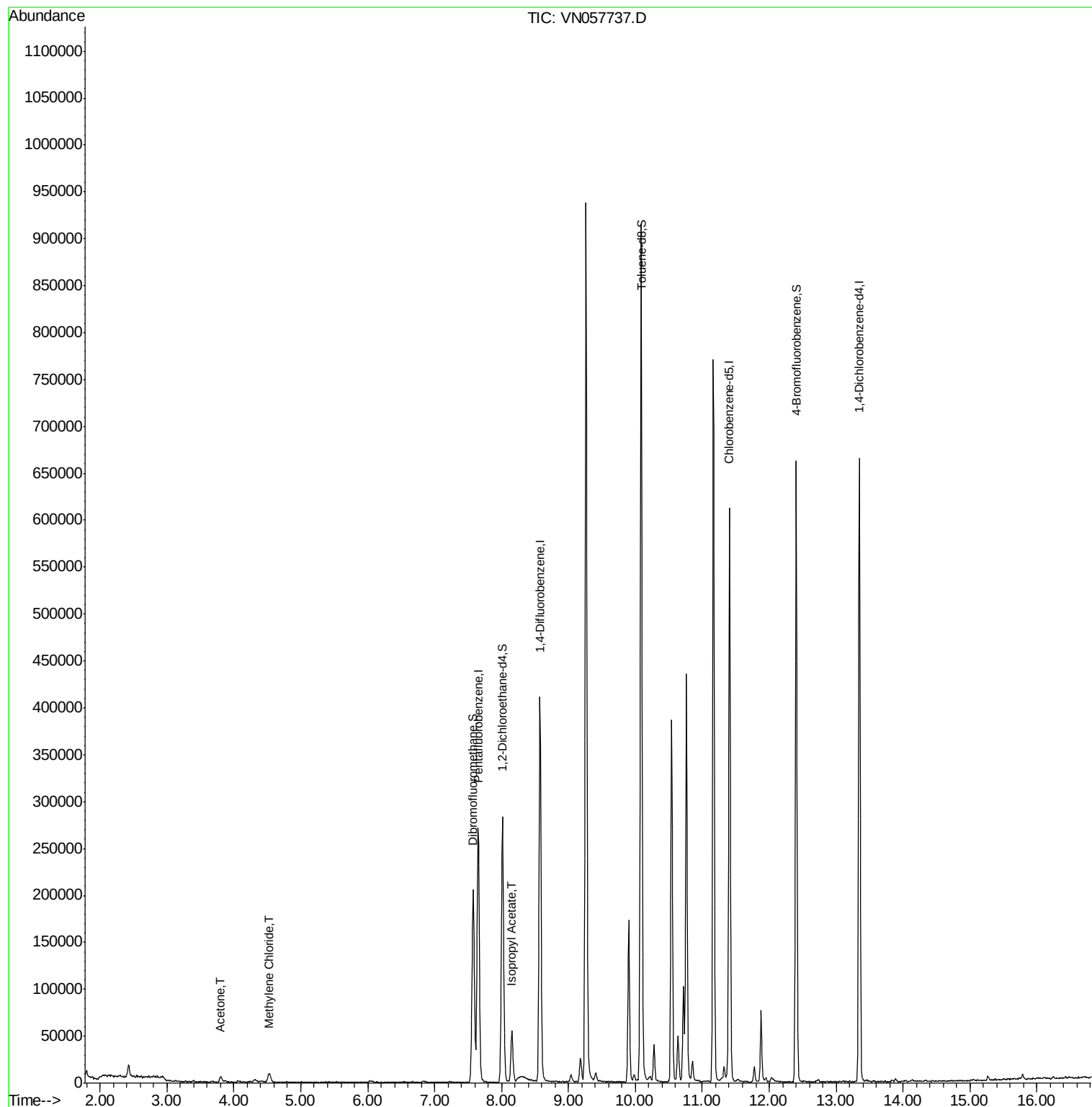
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090619\
Data File : VN057737.D
Acq On : 7 Sep 2019 00:28
Operator : JC/SP
Sample : K4580-37
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

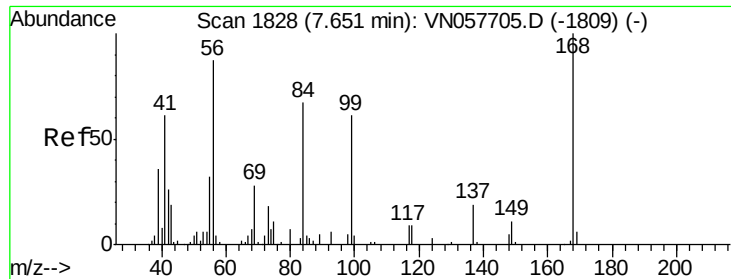
Instrument :
MSVOA_N
ClientSampleId :
T12-A3-(0)

Manual Integrations
APPROVED

MMDadoda
9/10/2019 9:57:11 AM

Quant Time: Sep 07 03:45:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057737.D

Acq: 7 Sep 2019 00:28

Instrument :

MSVOA_N

ClientSampleId :

T12-A3-(0)

Tot Ion:168 Resp: 192050

Ion Ratio Lower Upper

168 100

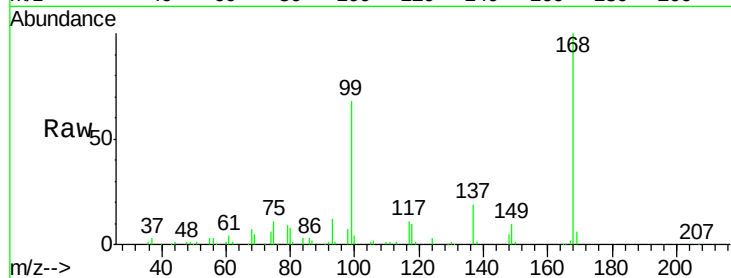
99 68.2 57.4 86.0

Manual Integrations

APPROVED

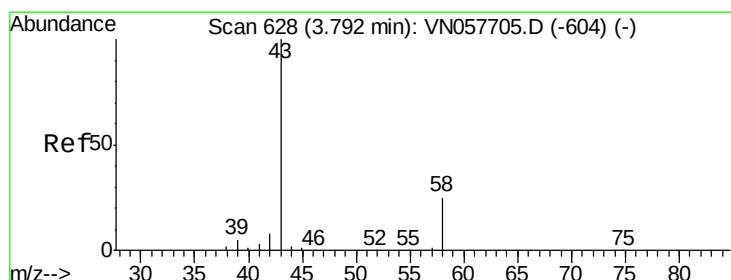
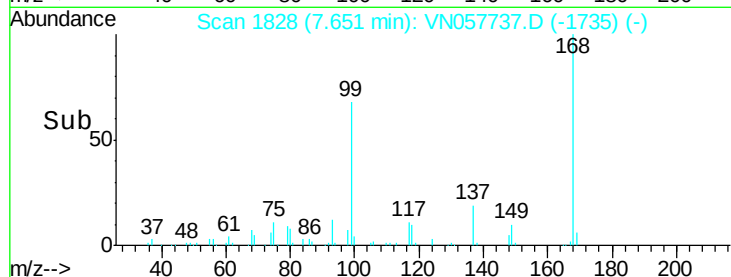
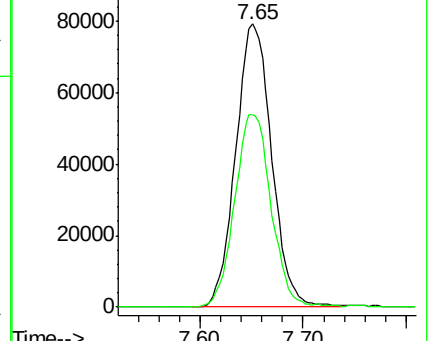
MMDadoda

9/10/2019 9:57:11 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.816 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057737.D

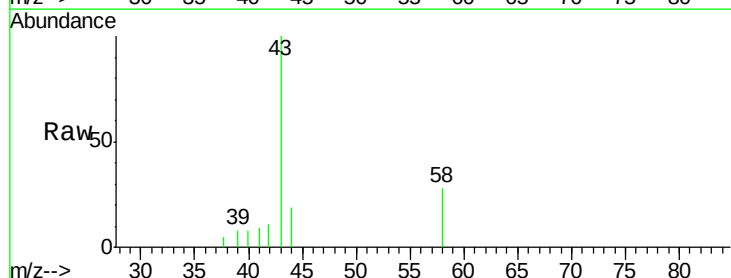
Acq: 7 Sep 2019 00:28

Tgt Ion: 43 Resp: 9799

Ion Ratio Lower Upper

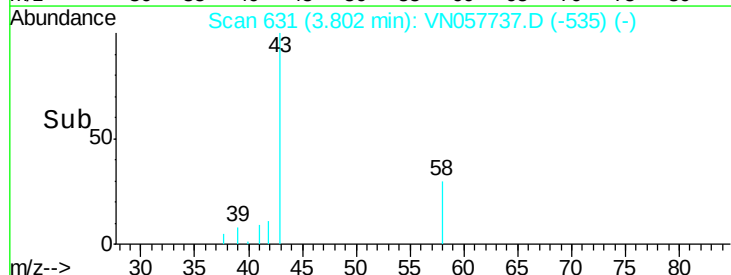
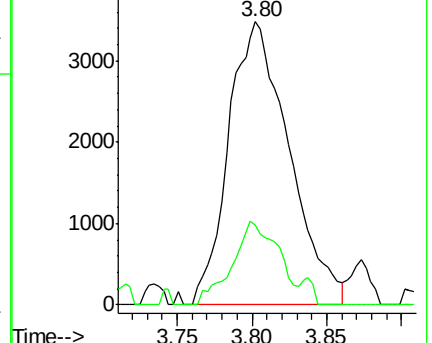
43 100

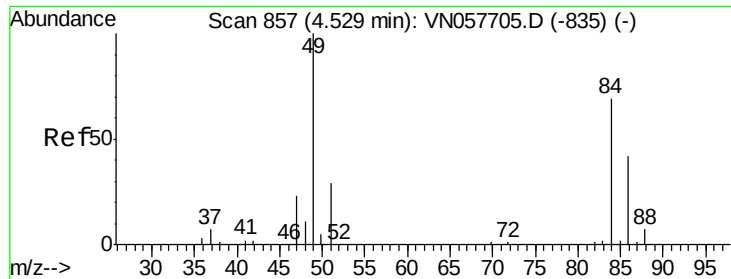
58 28.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





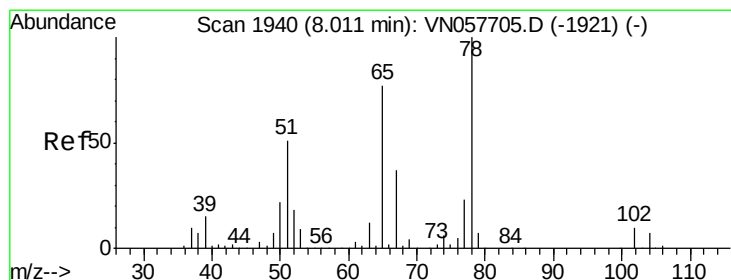
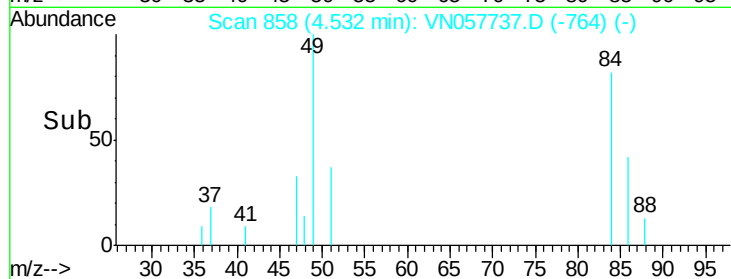
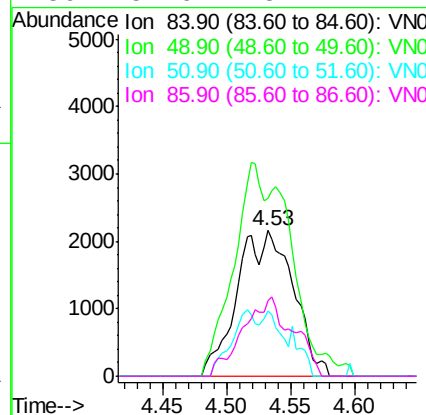
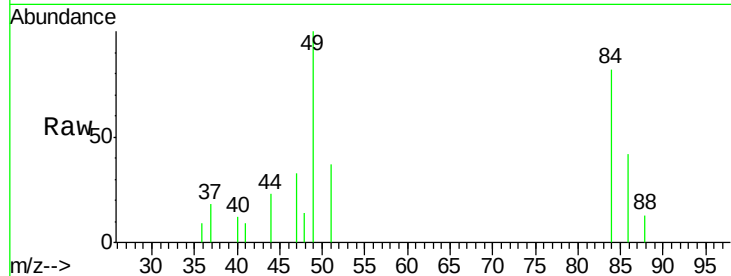
#20
Methvlene Chloride
Concen: 2.108 ug/l m
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057737.D
Acq: 7 Sep 2019 00:28

Instrument :
MSVOA_N
ClientSampled :
T12-A3-(0)

Tot Ion: 84 Resp: 6552
Ion Ratio Lower Upper
84 100
49 122.2 115.0 172.6
51 44.7 33.8 50.8
86 51.6 48.2 72.2

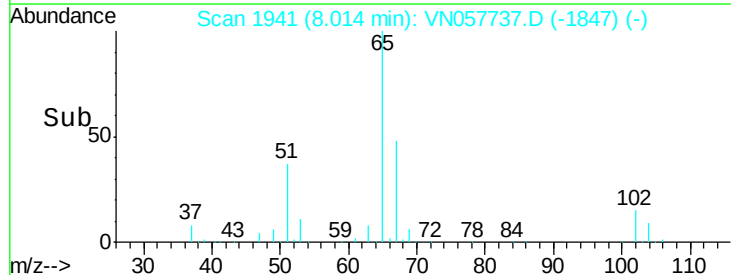
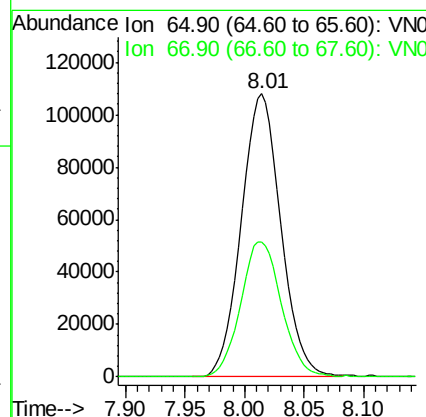
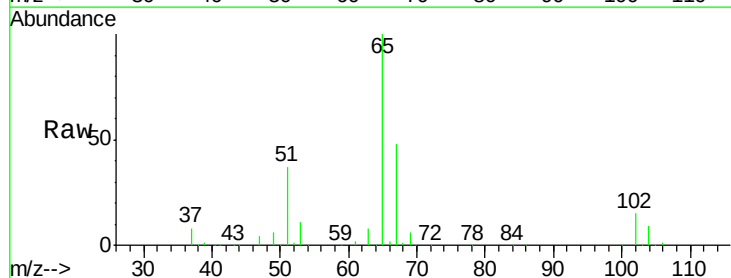
Manual Integrations
APPROVED

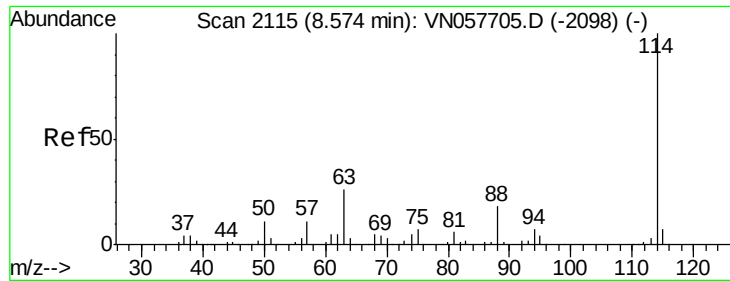
MMDadoda
9/10/2019 9:57:11 AM



#33
1,2-Dichloroethane-d4
Concen: 53.217 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057737.D
Acq: 7 Sep 2019 00:28

Tgt Ion: 65 Resp: 248631
Ion Ratio Lower Upper
65 100
67 49.3 0.0 98.2





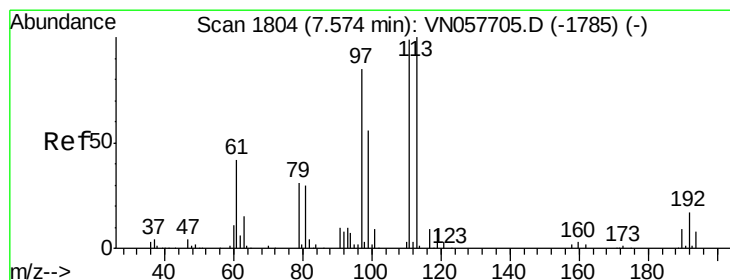
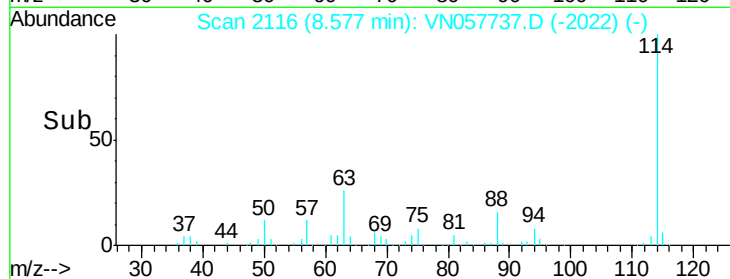
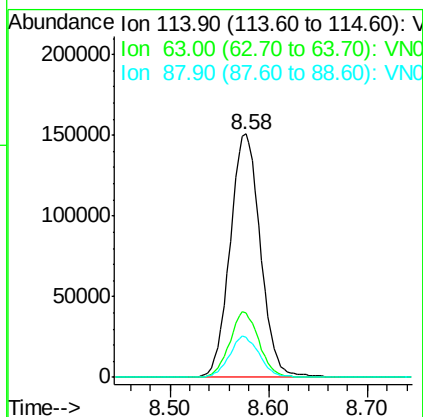
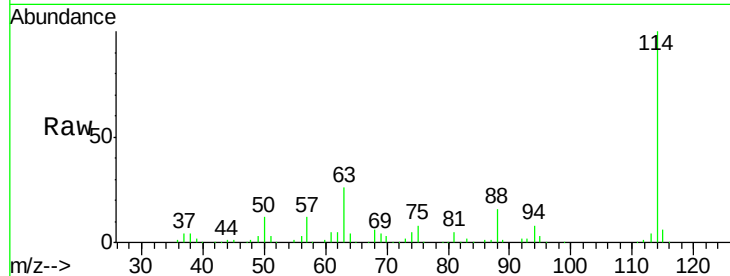
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057737.D
 Acq: 7 Sep 2019 00:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-A3-(0)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	26.4	0.0	52.4
88	16.3	0.0	35.4

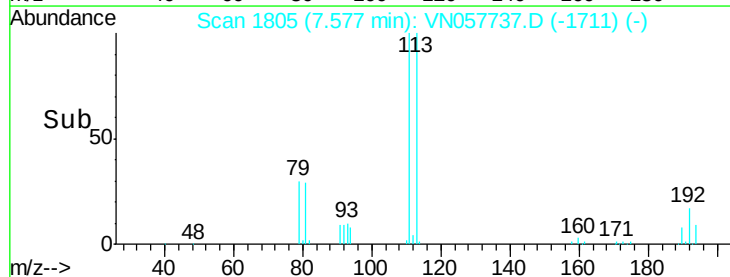
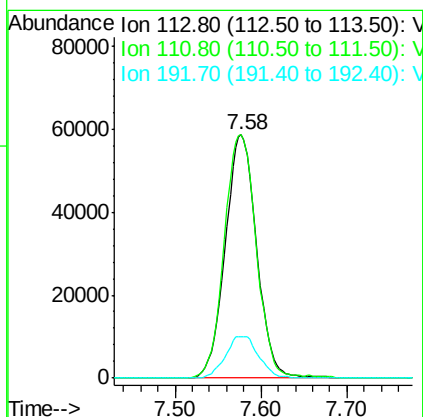
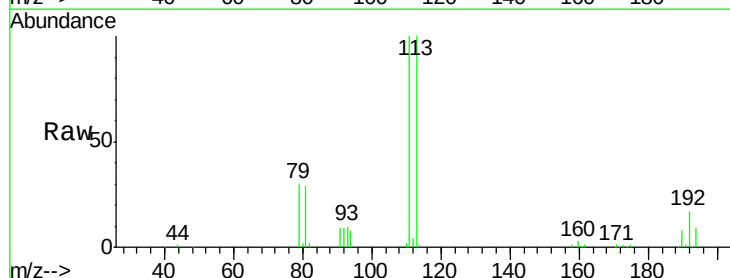
Manual Integrations
 APPROVED

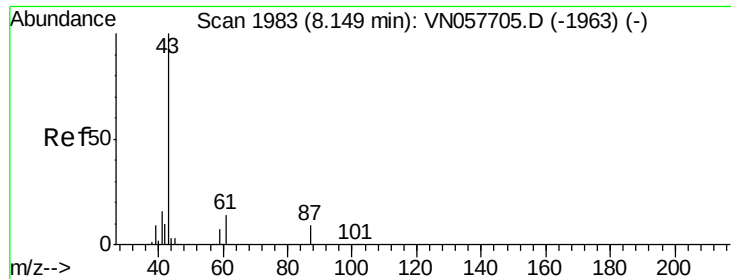
MMDadoda
 9/10/2019 9:57:11 AM



#35
 Dibromofluoromethane
 Concen: 50.379 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057737.D
 Acq: 7 Sep 2019 00:28

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.7	82.7	124.1
192	18.0	13.8	20.6





#43

Isopropyl Acetate

Concen: 8.008 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057737.D

Acq: 7 Sep 2019 00:28

Instrument :

MSVOA_N

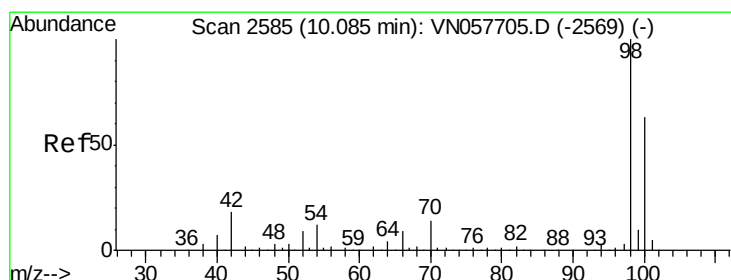
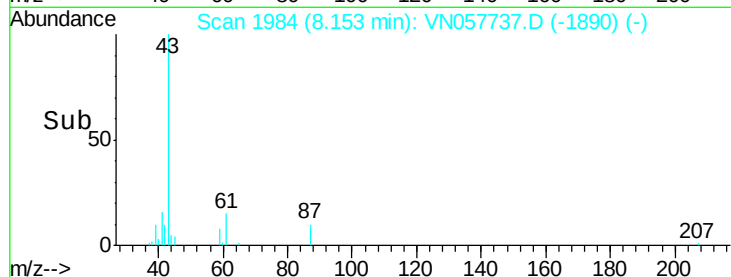
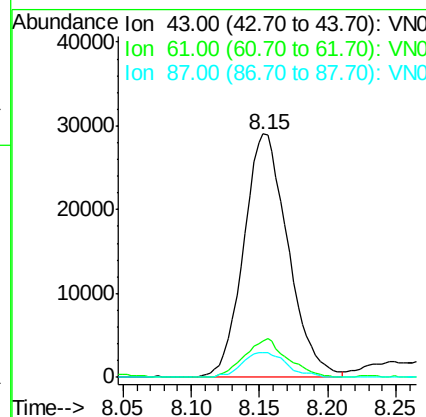
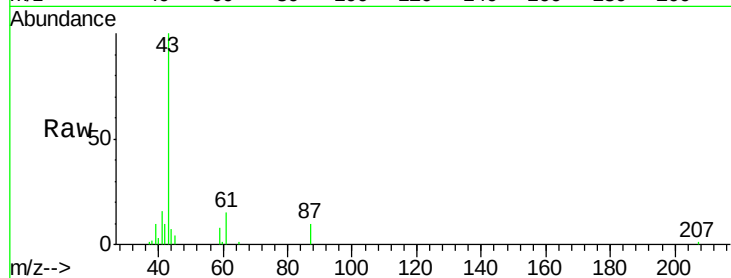
ClientSampleId :

T12-A3-(0)

Tot Ion:	43	Resp:	65652
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.8	19.2
87	10.2	7.8	11.8

Manual Integrations
APPROVED

MMDadoda
9/10/2019 9:57:11 AM



#50

Toluene-d8

Concen: 52.196 ug/l

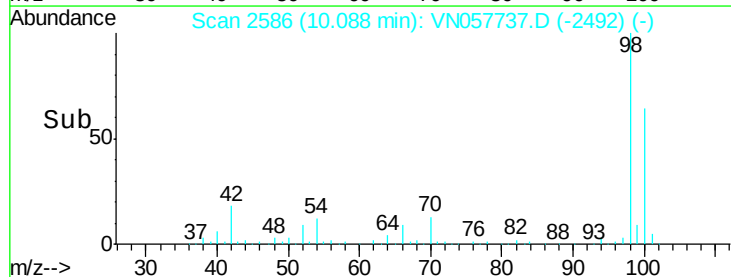
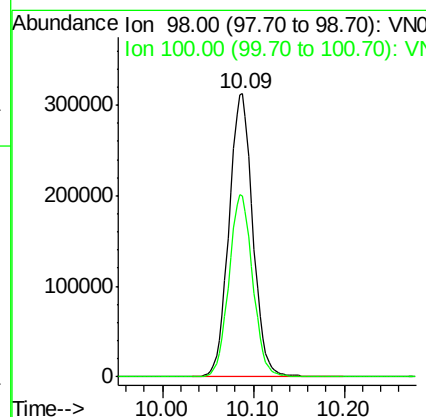
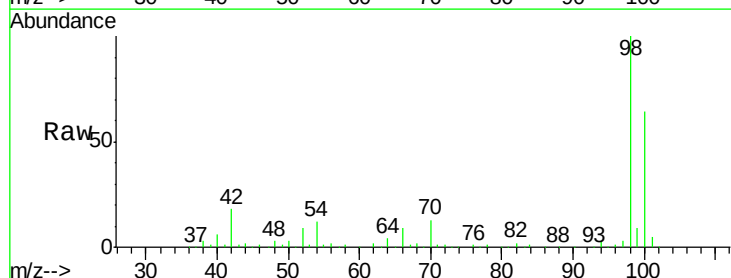
RT: 10.09 min Scan# 2586

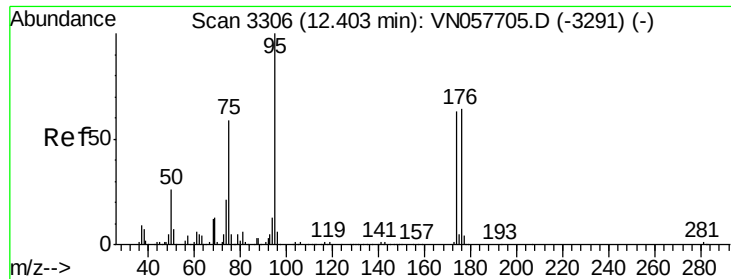
Delta R.T. 0.00 min

Lab File: VN057737.D

Acq: 7 Sep 2019 00:28

Tgt Ion:	98	Resp:	568789
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 47.473 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057737.D

Acq: 7 Sep 2019 00:28

Instrument :

MSVOA_N

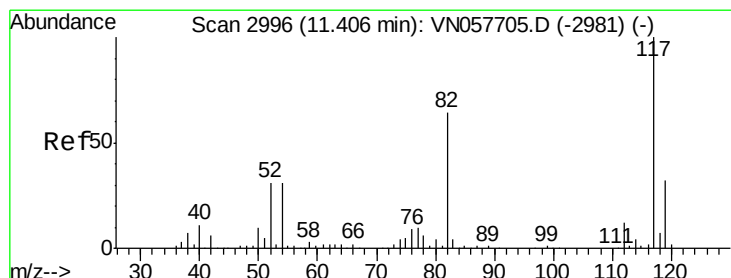
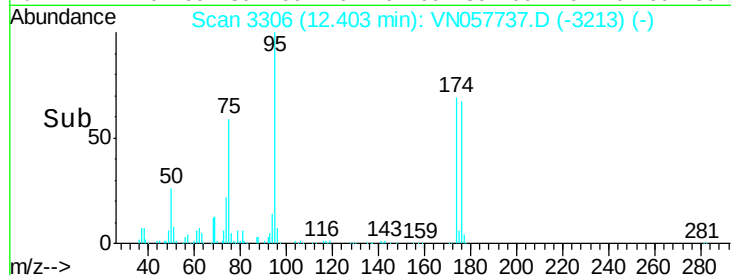
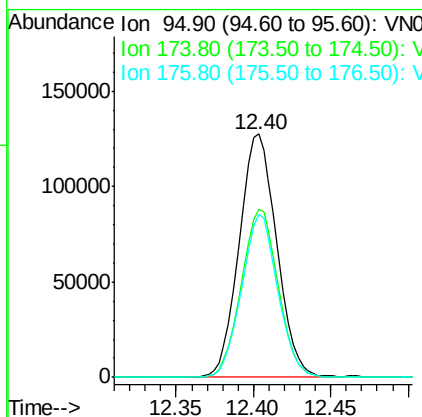
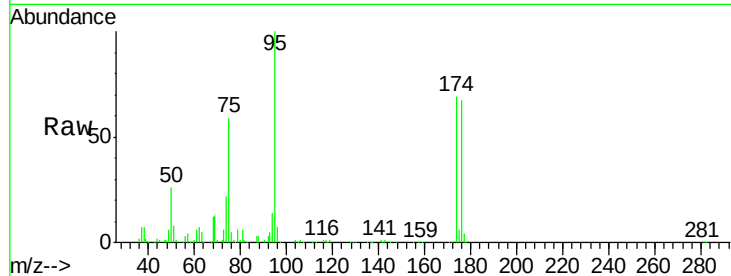
ClientSampleId :

T12-A3-(0)

Tot Ion:	95	Resp:	214874
Ion Ratio	Lower	Upper	
95	100		
174	68.1	0.0	128.0
176	64.6	0.0	128.0

Manual Integrations
APPROVED

MMDadoda
9/10/2019 9:57:11 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

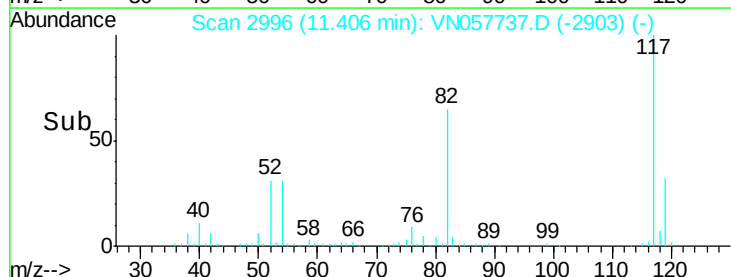
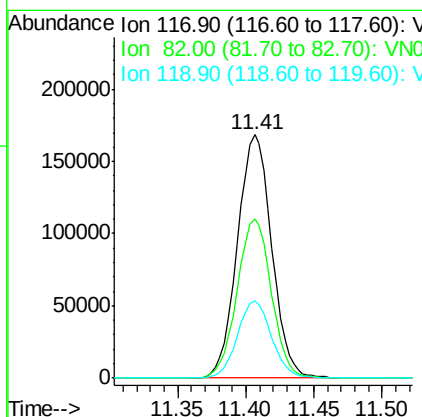
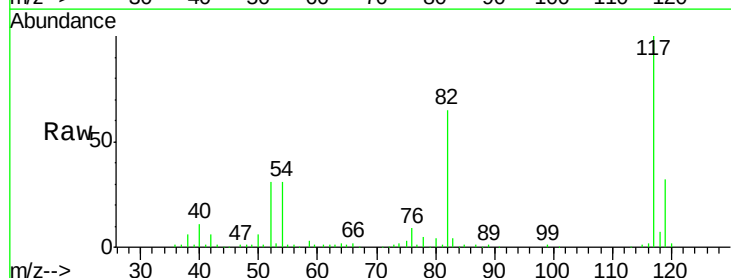
RT: 11.41 min Scan# 2996

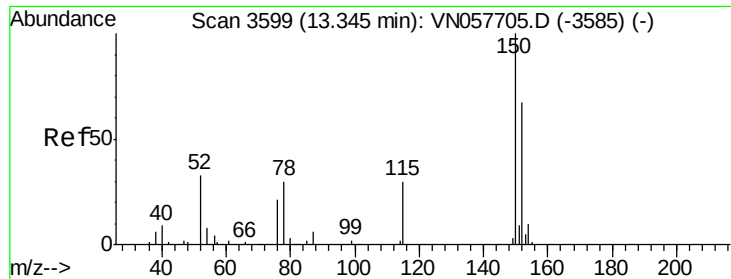
Delta R.T. 0.00 min

Lab File: VN057737.D

Acq: 7 Sep 2019 00:28

Tgt Ion:	117	Resp:	294844
Ion Ratio	Lower	Upper	
117	100		
82	65.4	51.4	77.0
119	31.5	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057737.D

Acq: 7 Sep 2019 00:28

Instrument :

MSVOA_N

ClientSampleId :

T12-A3-(0)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	149807		
115	63.5	33.8	101.3	
150	158.0	0.0	345.4	

Manual Integrations
APPROVED

MMDadoda
9/10/2019 9:57:11 AM

