

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053170.D
 Acq On : 23 Dec 2018 8:46
 Operator : MD\SY
 Sample : J6473-01
 Misc : 7.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 50 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0636

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 9:07:21 AM

Quant Time: Dec 24 01:28:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1064752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1651214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1509422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	610913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	519891	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	7.59	113	409810	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
50) Toluene-d8	10.09	98	2035206	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	669869	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
20) Methylene Chloride	4.55	84	8440	0.730	ug/l	96
25) 2-Butanone	6.85	43	4765m	1.340	ug/l	

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

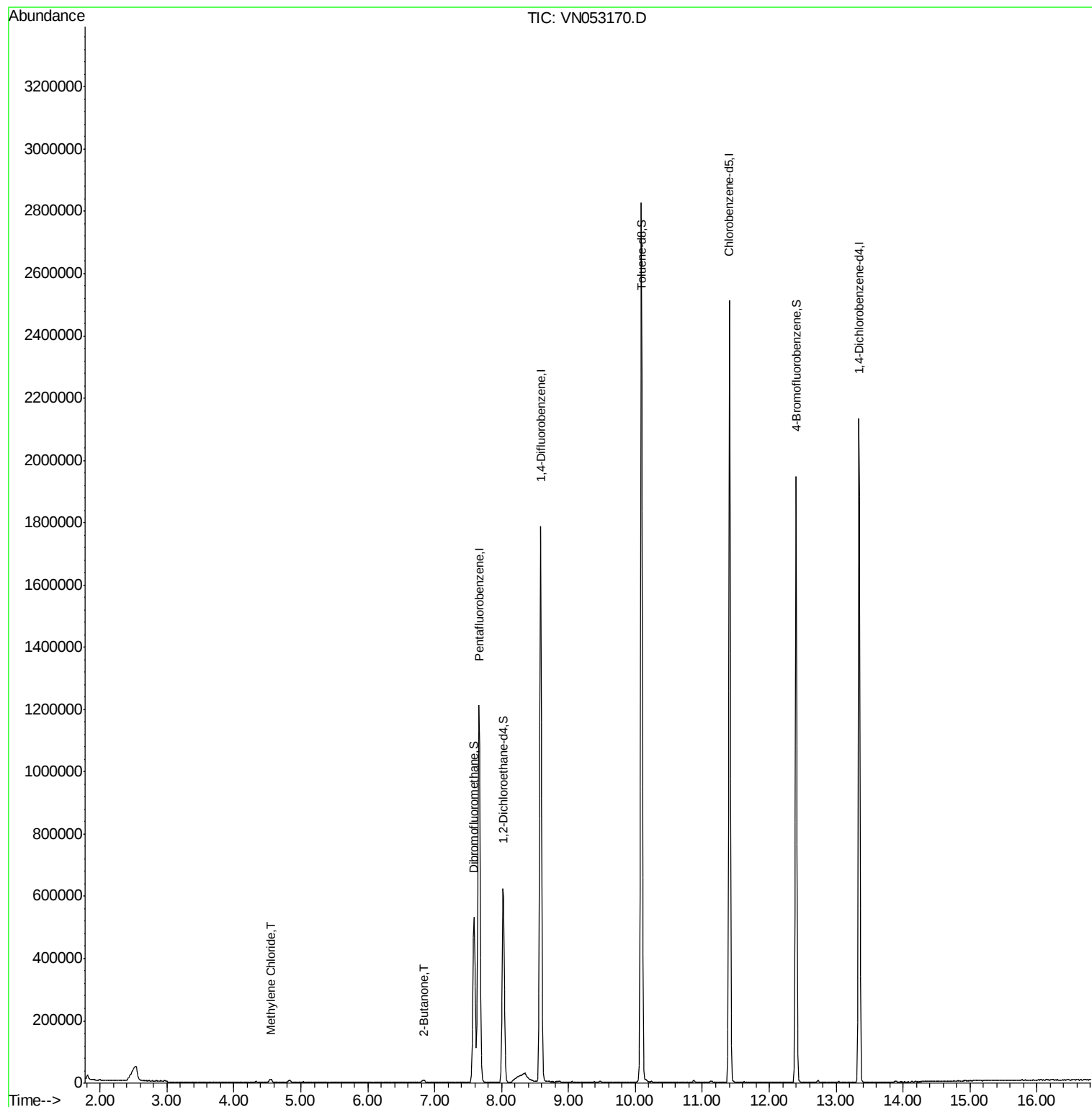
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053170.D
Acq On : 23 Dec 2018 8:46
Operator : MD\SY
Sample : J6473-01
Misc : 7.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 50 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
S32-0636

Manual Integrations
APPROVED

MMDadoda
12/24/2018 9:07:21 AM

Quant Time: Dec 24 01:28:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN053170.D

Acq: 23 Dec 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

S32-0636

Tgt Ion:168 Resp: 1064752

Ion Ratio Lower Upper

168 100

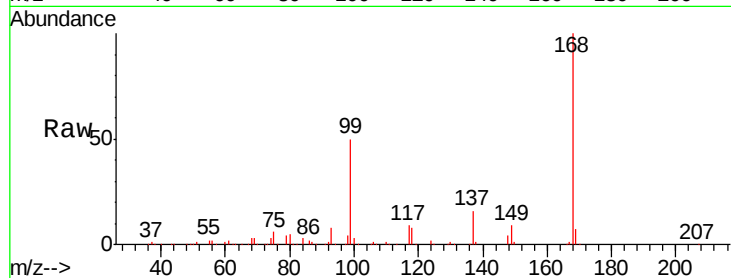
99 50.3 40.2 60.2

Manual Integrations

APPROVED

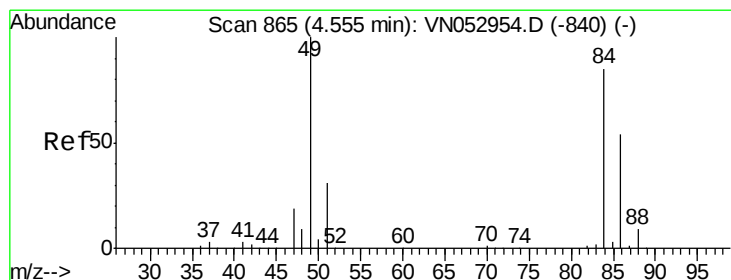
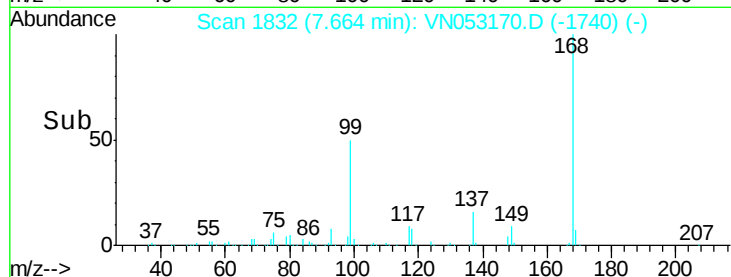
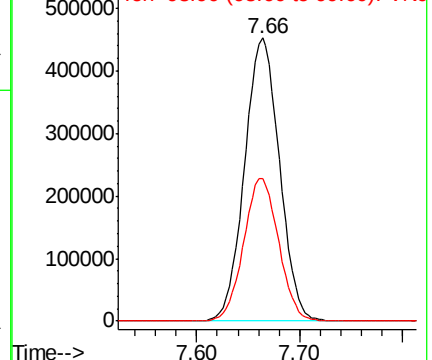
MMDadoda

12/24/2018 9:07:21 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 0.730 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

Tgt Ion: 84 Resp: 8440

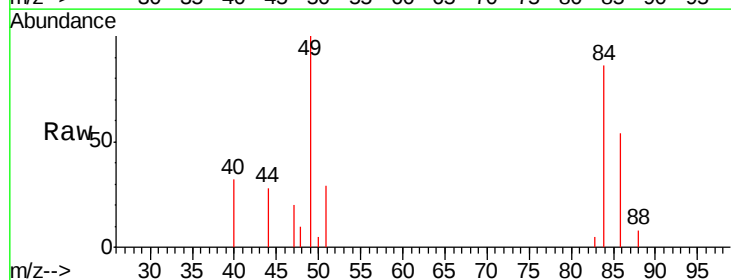
Ion Ratio Lower Upper

84 100

49 116.1 96.8 145.2

51 33.7 29.9 44.9

86 62.6 51.8 77.6

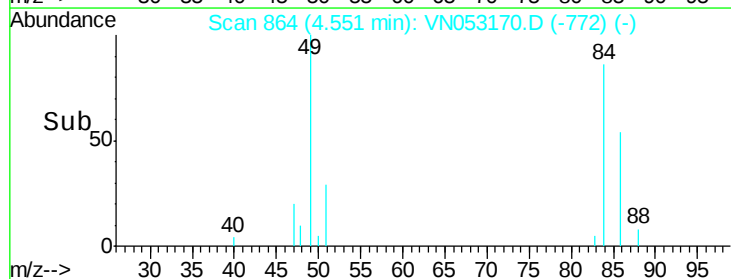
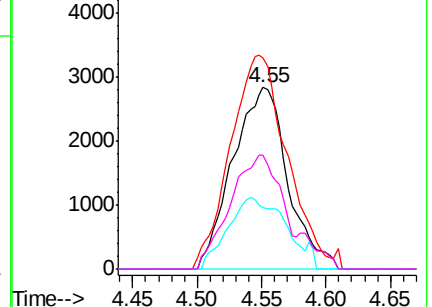


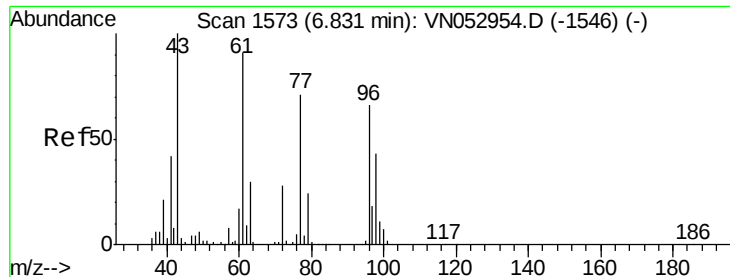
Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN





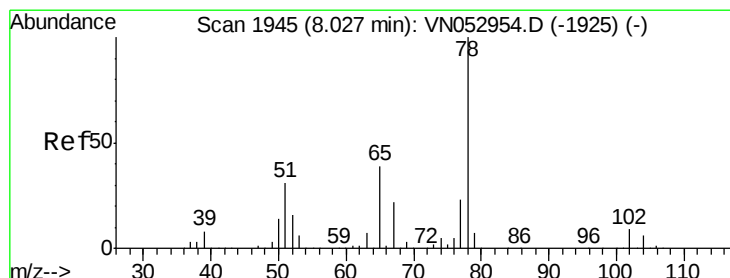
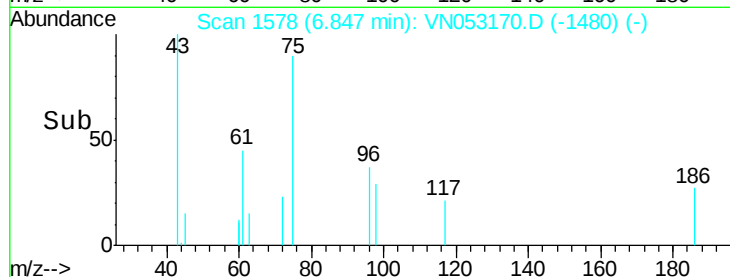
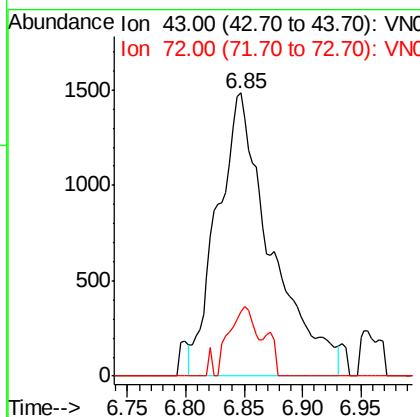
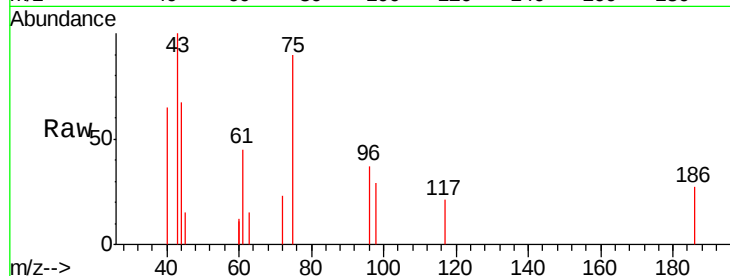
#25
2-Butanone
Concen: 1.340 ug/l m
RT: 6.85 min Scan# 1578
Delta R.T. 0.02 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Instrument :
MSVOA_N
ClientSampleId :
S32-0636

Tgt Ion: 43 Resp: 4765
Ion Ratio Lower Upper
43 100
72 22.9 21.0 31.6

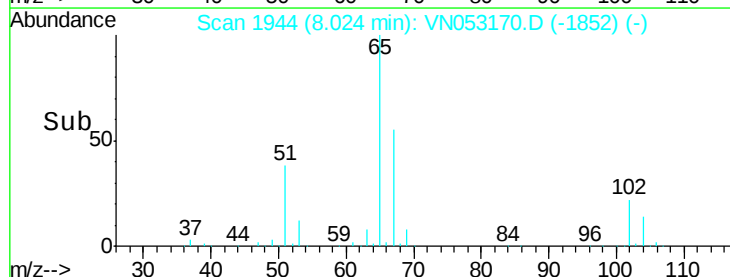
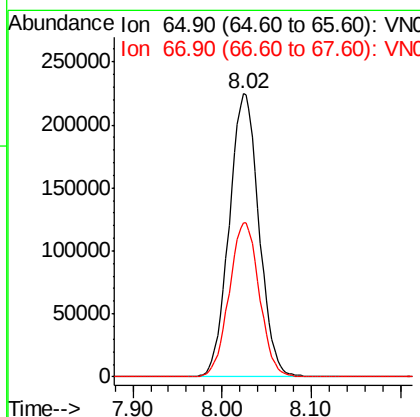
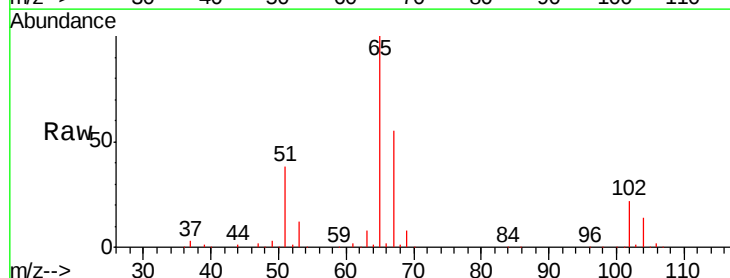
Manual Integrations
APPROVED

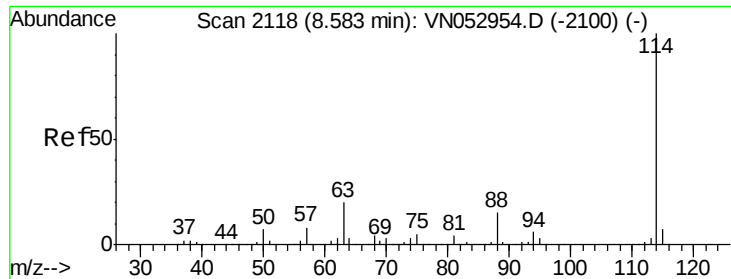
MMDadoda
12/24/2018 9:07:21 AM



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Tgt Ion: 65 Resp: 519891
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.4





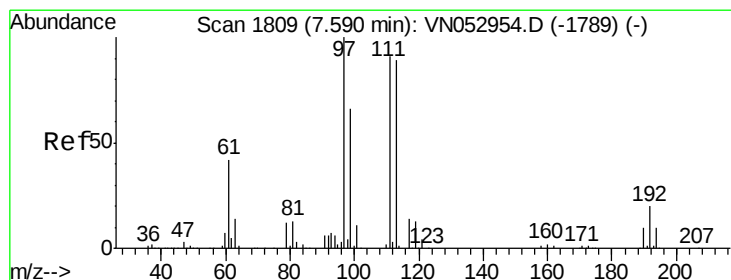
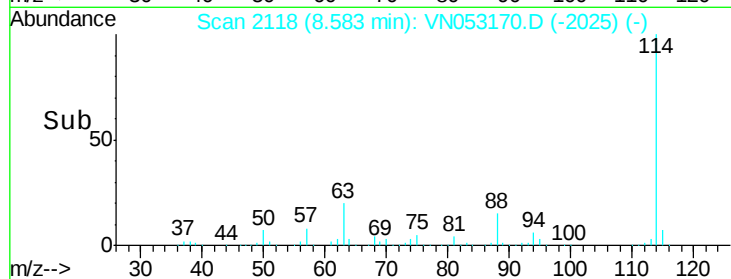
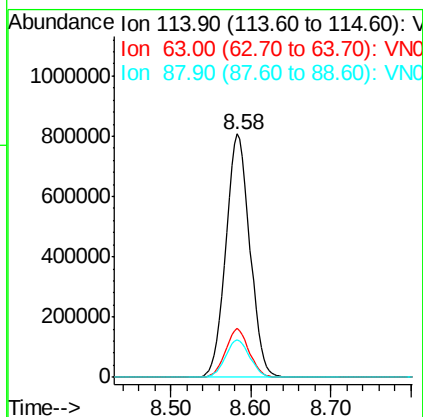
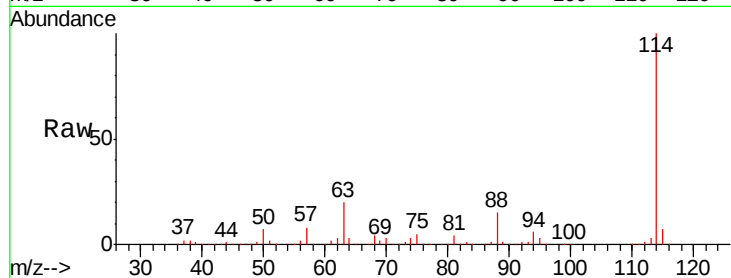
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Instrument :
MSVOA_N
ClientSampled :
S32-0636

Tgt Ion:114 Resp: 1651214
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.8
88 15.5 0.0 31.0

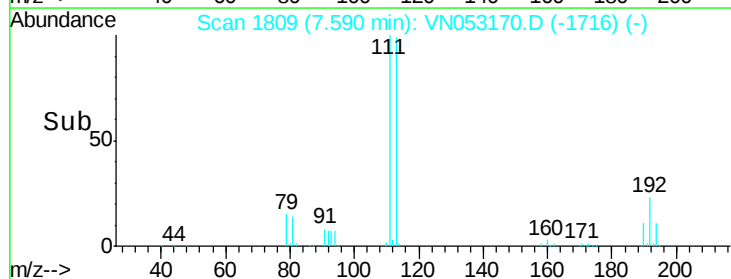
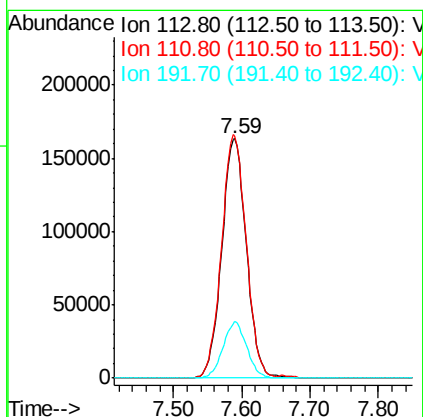
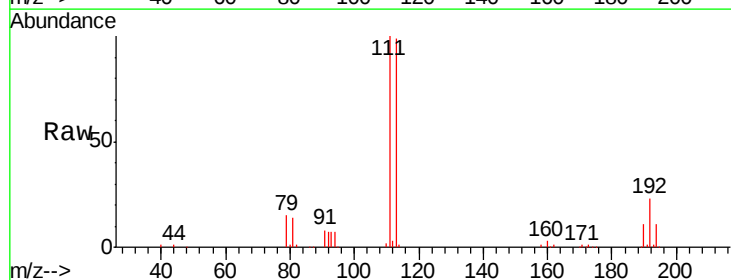
Manual Integrations
APPROVED

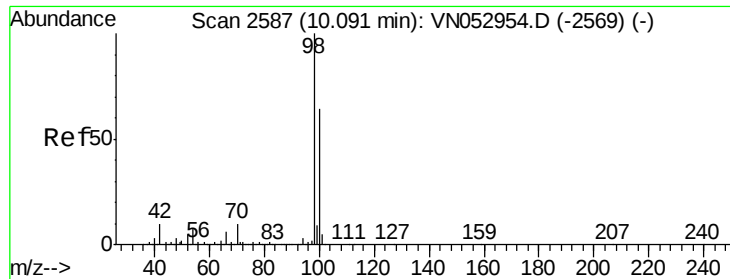
MMDadoda
12/24/2018 9:07:21 AM



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Tgt Ion:113 Resp: 409810
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 22.6 17.5 26.3





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

S32-0636

Tgt Ion: 98 Resp: 2035206

Ion Ratio Lower Upper

98 100

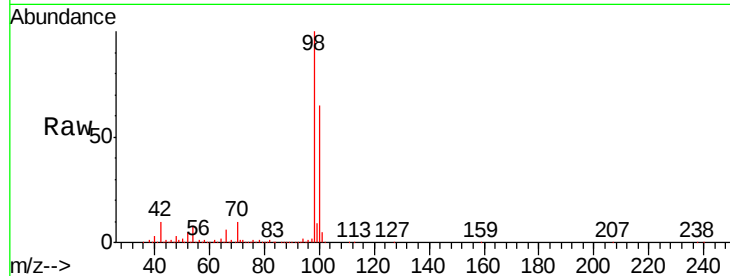
100 64.7 51.6 77.4

Manual Integrations

APPROVED

MMDadoda

12/24/2018 9:07:21 AM



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1200000

1000000

800000

600000

400000

200000

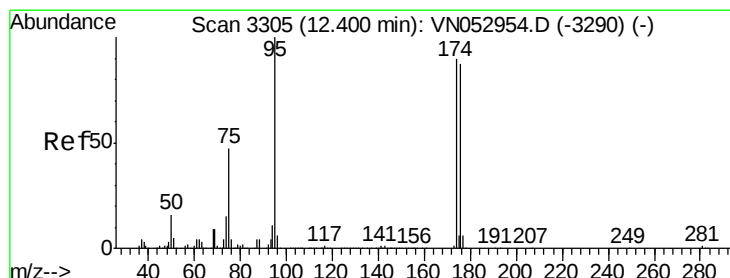
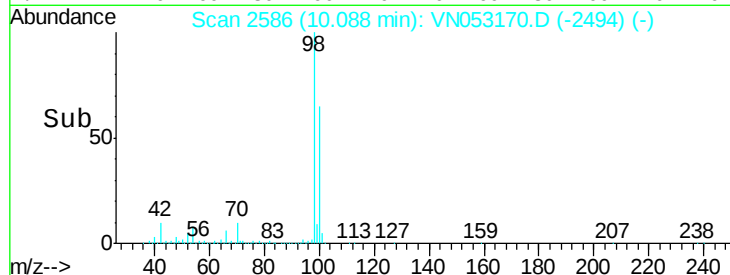
0

10.00

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053170.D

Acq: 23 Dec 2018 8:46

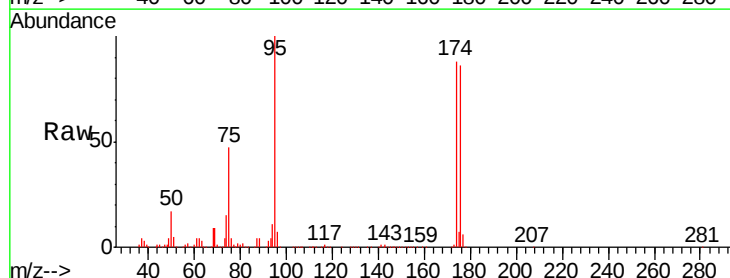
Tgt Ion: 95 Resp: 669869

Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.8

176 86.2 0.0 173.8



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

500000

400000

300000

200000

100000

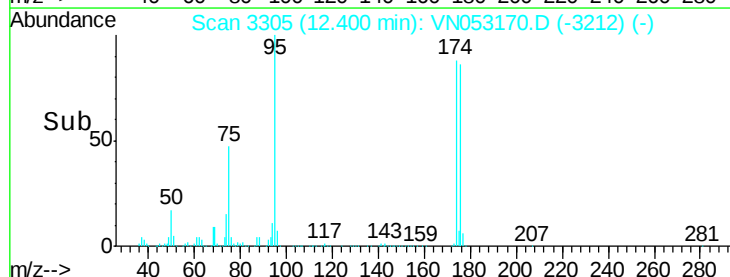
0

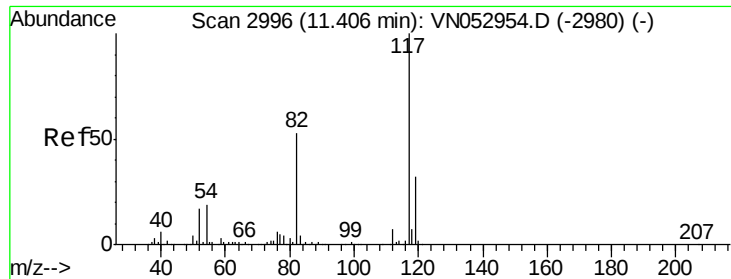
12.35

12.40

12.45

Time-->





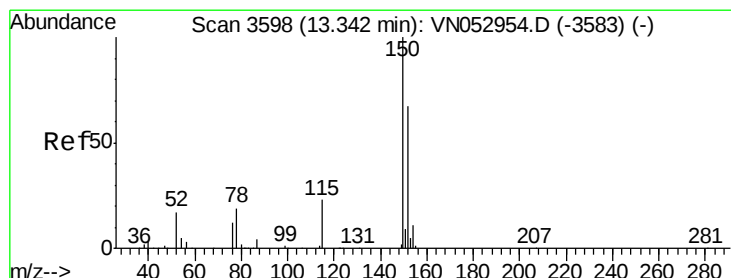
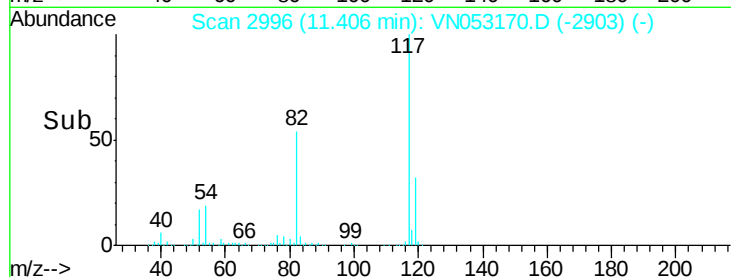
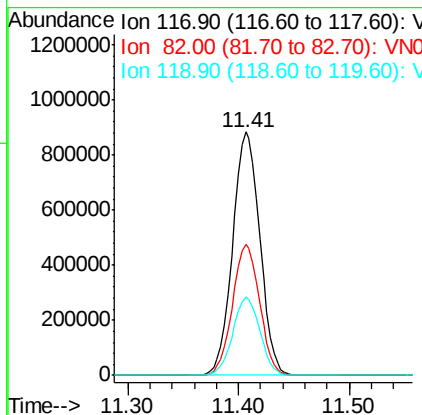
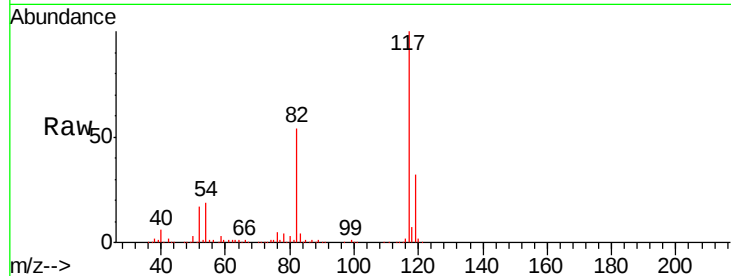
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053170.D
Acq: 23 Dec 2018 8:46

Instrument :
MSVOA_N
ClientSampled :
S32-0636

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.8	64.2
119	32.0	25.5	38.3

Manual Integrations
APPROVED

MMDadoda
12/24/2018 9:07:21 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: VN053170.D
Acq: 23 Dec 2018 8:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.3	85.0
150	155.6	0.0	347.8

