

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050826.D
 Acq On : 22 Aug 2018 17:55
 Operator : MD\SY
 Sample : PB112269ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#08

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 12:27:16 PM

Quant Time: Aug 23 02:34:38 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	763433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1238834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	410220	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	490622	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.59	113	462804	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1678425	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
62) 4-Bromofluorobenzene	12.40	95	488029	39.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	15576	1.79	ug/l	92
20) Methylene Chloride	4.55	84	25857	2.50	ug/l	95
29) Tetrahydrofuran	7.23	42	2473m	1.16	ug/l	
43) Isopropyl Acetate	8.17	43	386888	26.80	ug/l	93

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

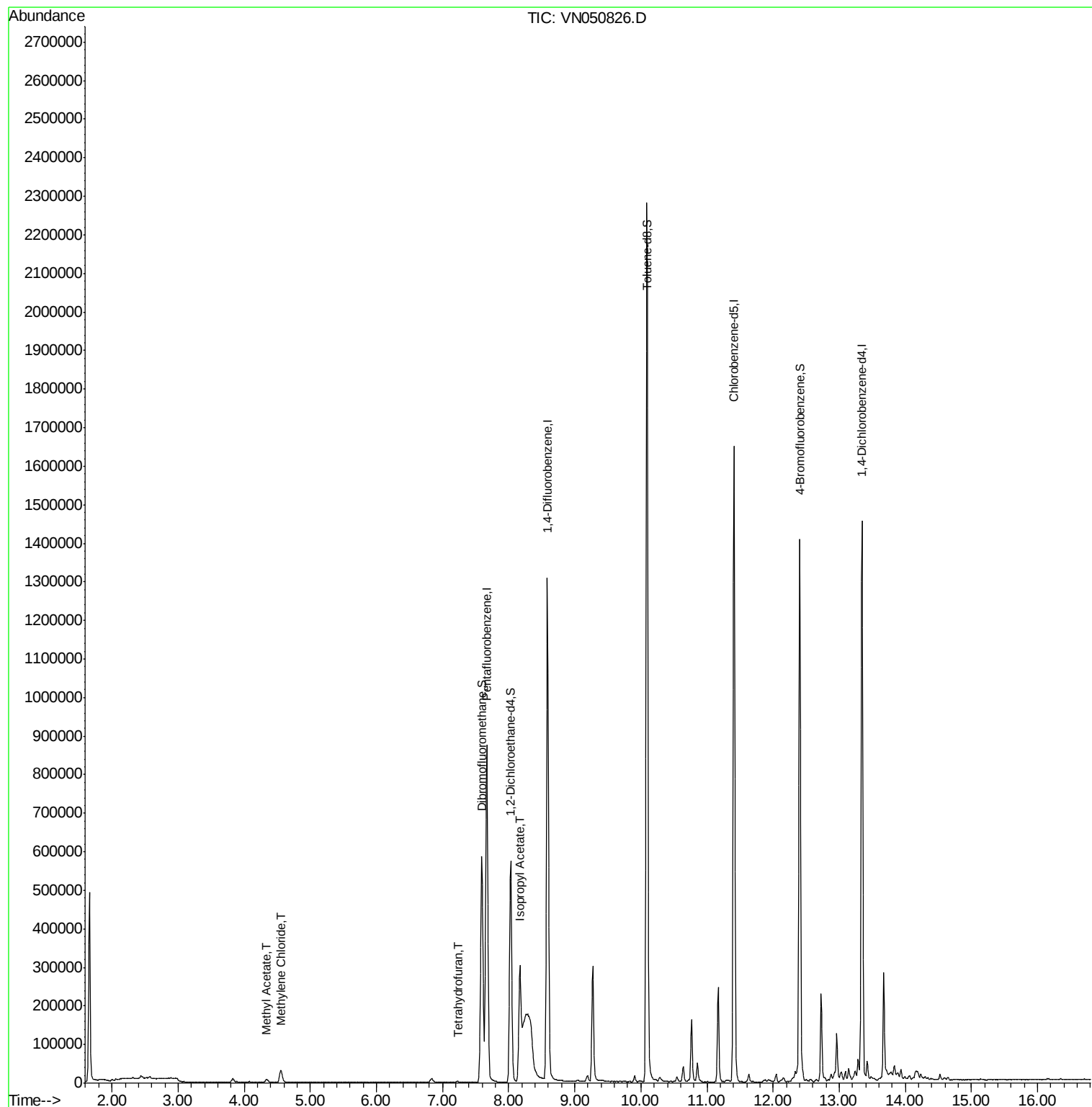
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
Data File : VN050826.D
Acq On : 22 Aug 2018 17:55
Operator : MD\SY
Sample : PB112269ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

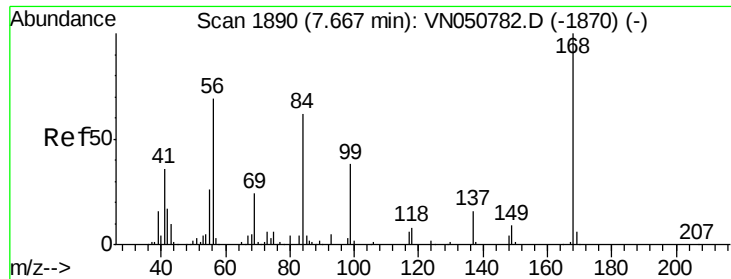
Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#08

Manual Integrations
APPROVED

MMDadoda
8/23/2018 12:27:16 PM

Quant Time: Aug 23 02:34:38 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





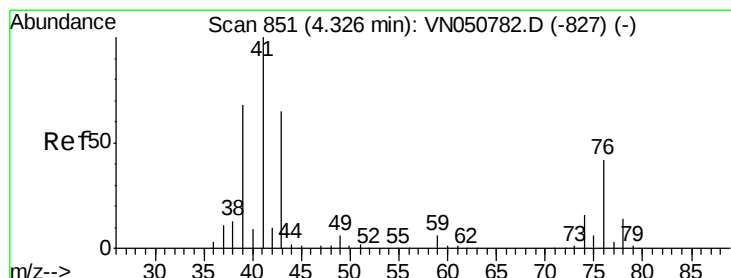
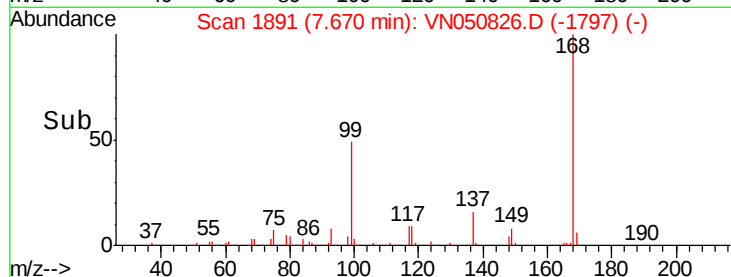
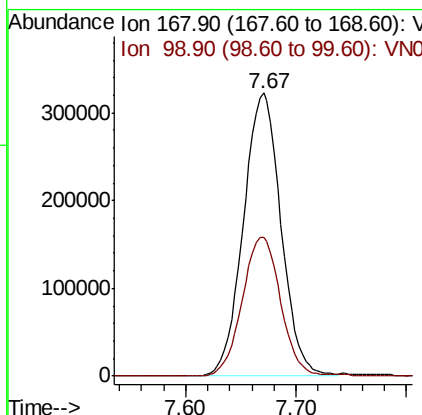
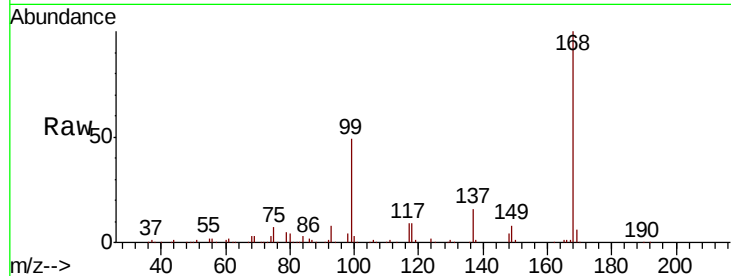
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050826.D
Acq: 22 Aug 2018 17:55

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#08

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.6	59.4

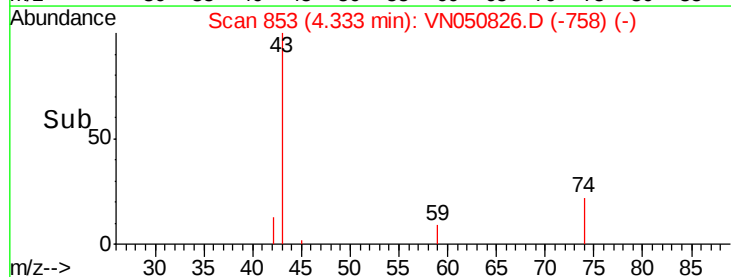
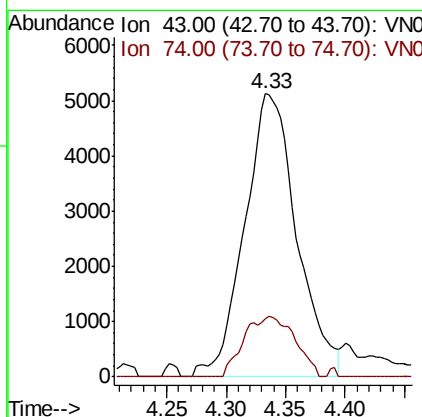
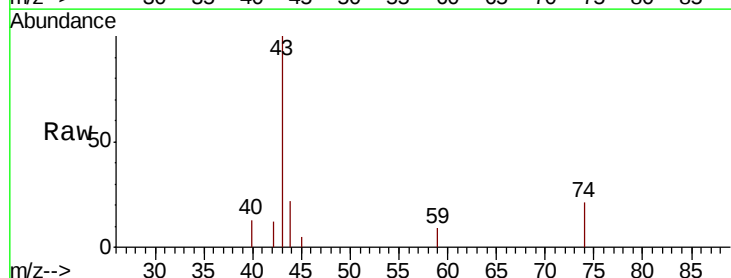
Manual Integrations
APPROVED

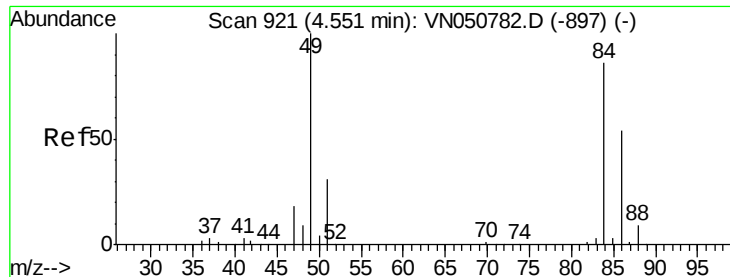
MMDadoda
8/23/2018 12:27:16 PM



#18
Methyl Acetate
Concen: 1.79 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050826.D
Acq: 22 Aug 2018 17:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	19.8	29.8





#20

Methvlene Chloride

Concen: 2.50 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050826.D

Acq: 22 Aug 2018 17:55

Instrument :

MSVOA_N

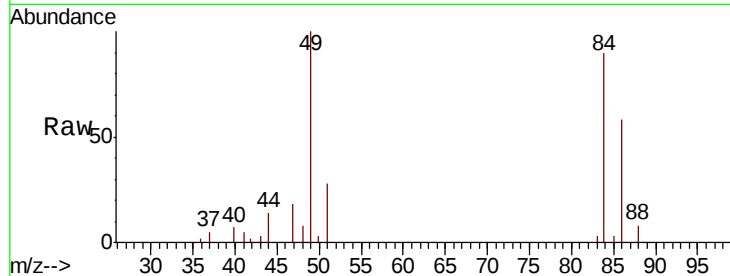
ClientSampleId :

PB112269ZHE#08

Tot Ion	84	Resp	25857
Ion	Ratio	Lower	Upper
84	100		
49	111.7	93.2	139.8
51	30.9	29.0	43.6
86	64.2	49.8	74.8

Manual Integrations
APPROVED

MMDadoda
8/23/2018 12:27:16 PM



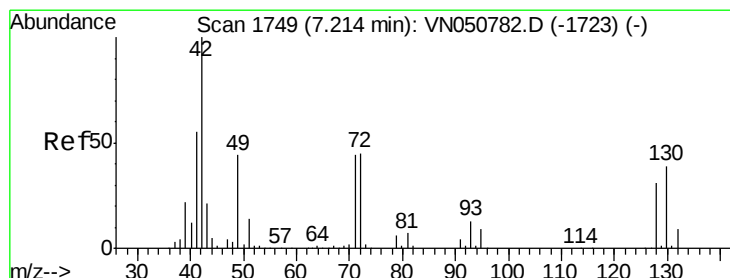
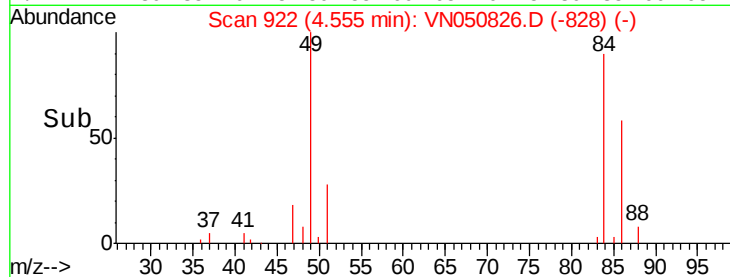
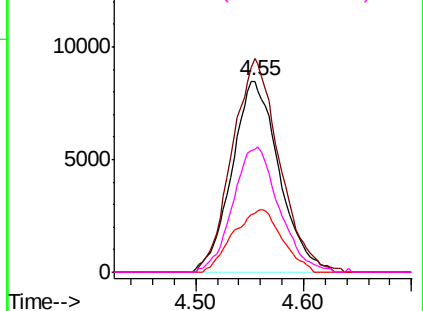
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#29

Tetrahydrofuran

Concen: 1.16 ug/l m

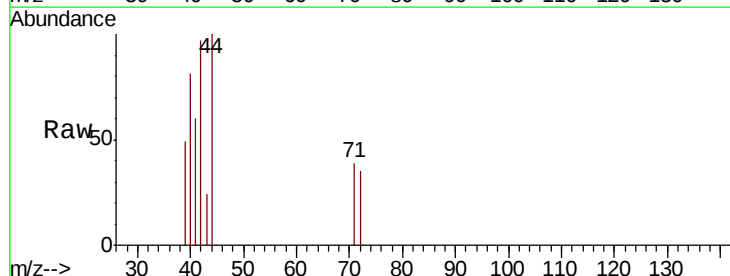
RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050826.D

Acq: 22 Aug 2018 17:55

Tgt Ion	42	Resp	2473
Ion	Ratio	Lower	Upper
42	100		
72	15.9	35.5	53.3#
71	13.3	33.7	50.5#

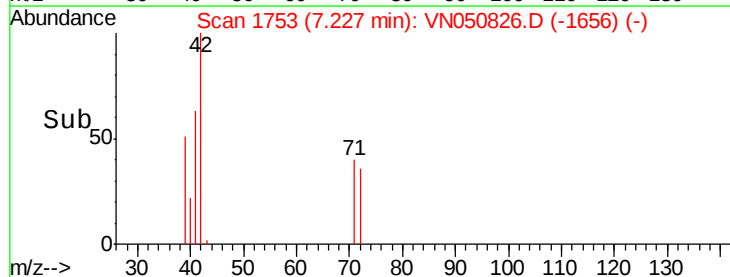
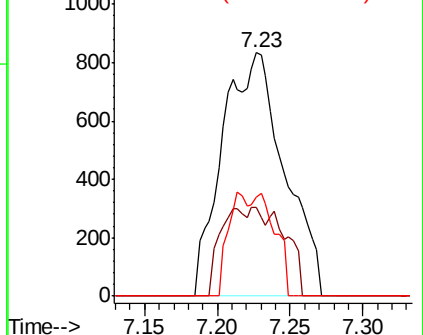


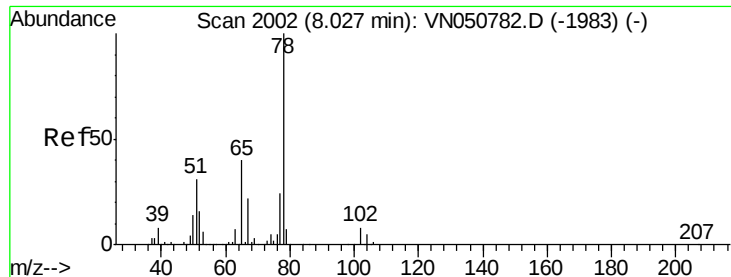
Abundance

Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





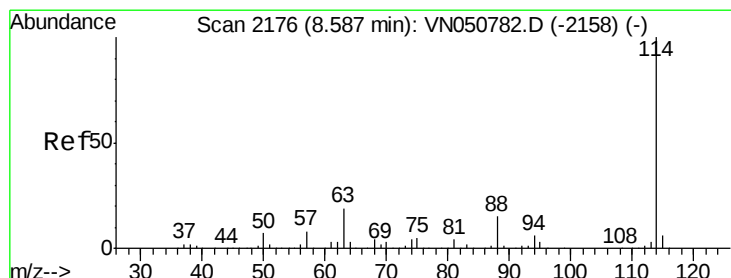
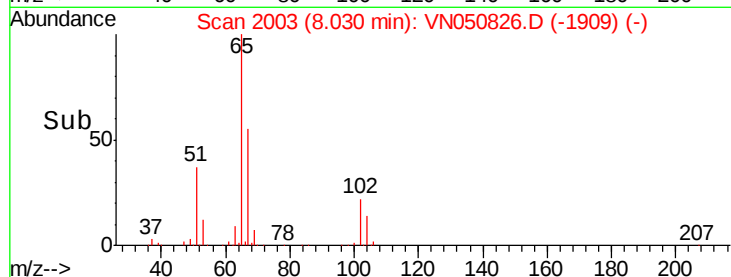
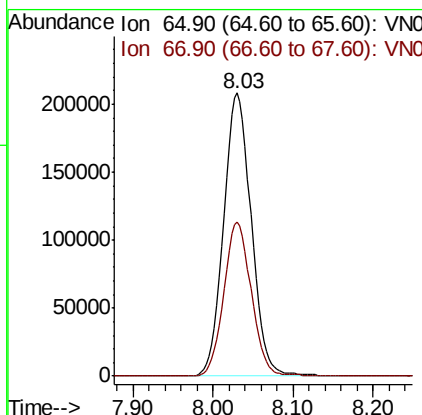
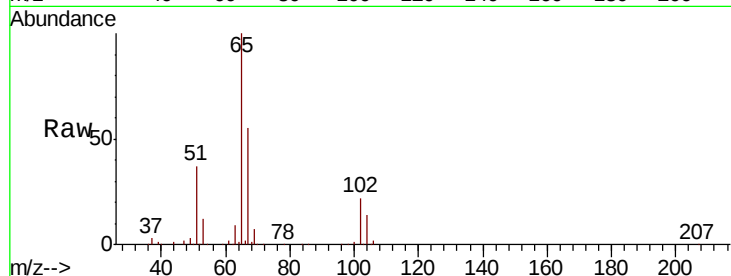
#33
 1,2-Dichloroethane-d4
 Concen: 53.38 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050826.D
 Acq: 22 Aug 2018 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
65	100	490622		
67	54.0	0.0	110.4	

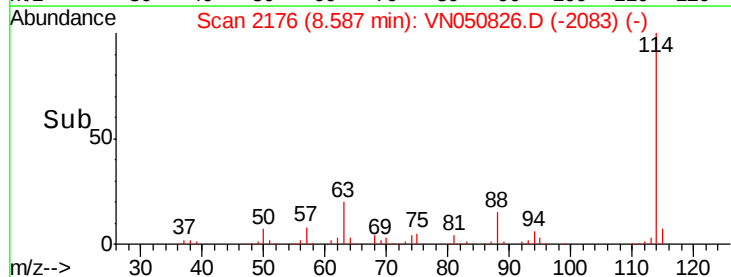
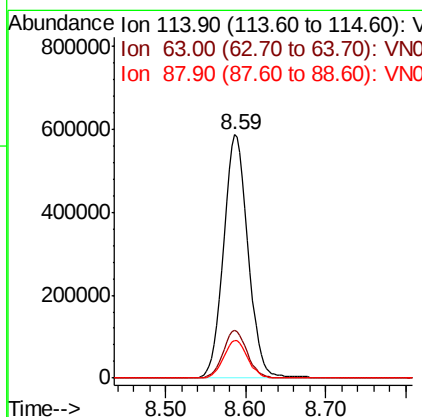
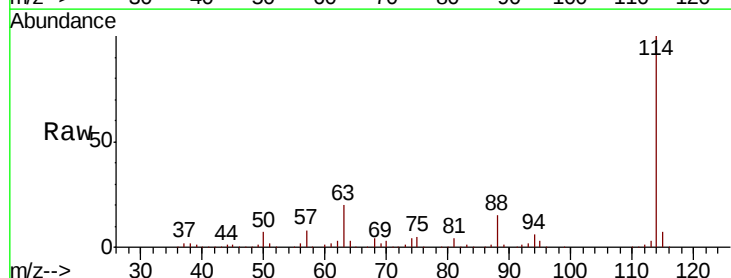
Manual Integrations
 APPROVED

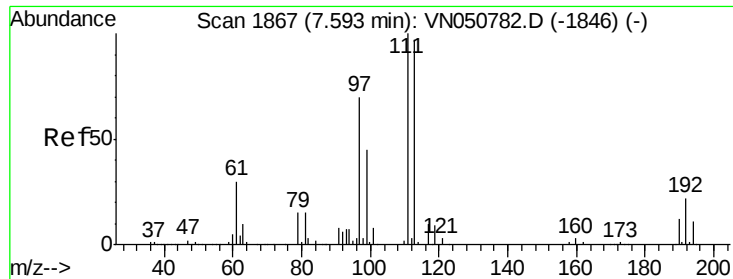
MMDadoda
 8/23/2018 12:27:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050826.D
 Acq: 22 Aug 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1238834		
63	19.5	0.0	38.6	
88	15.4	0.0	30.6	





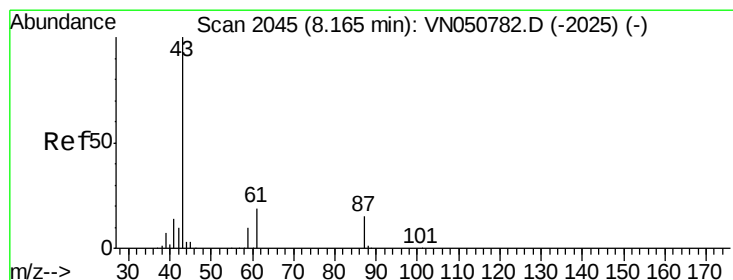
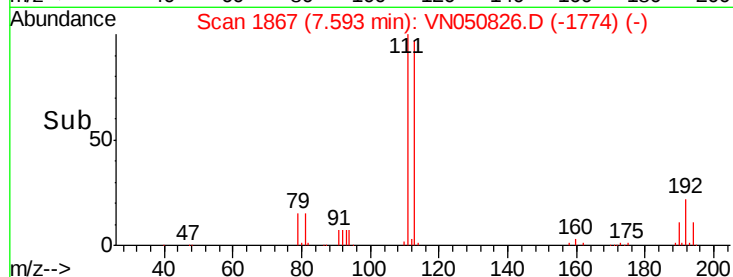
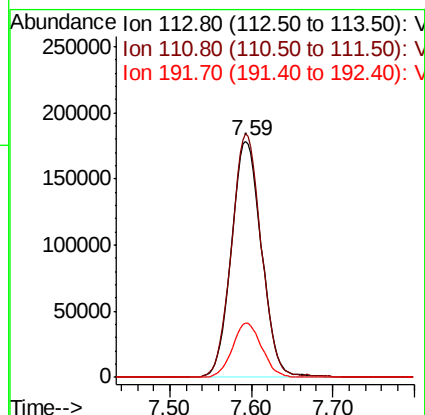
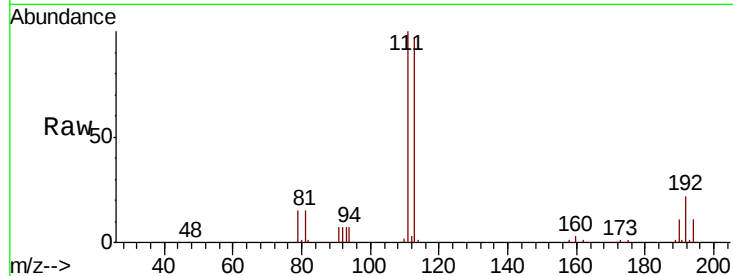
#35
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050826.D
 Acq: 22 Aug 2018 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112269ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
113	100	462804		
111	100.8	82.6	123.8	
192	22.3	18.0	27.0	

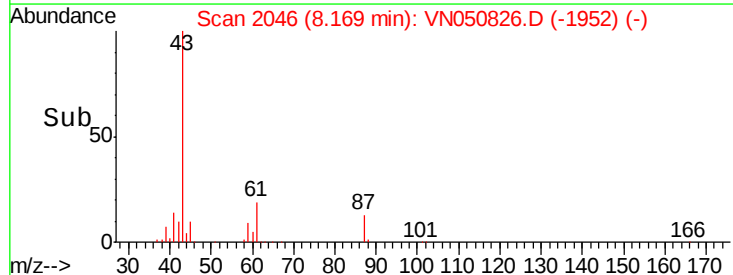
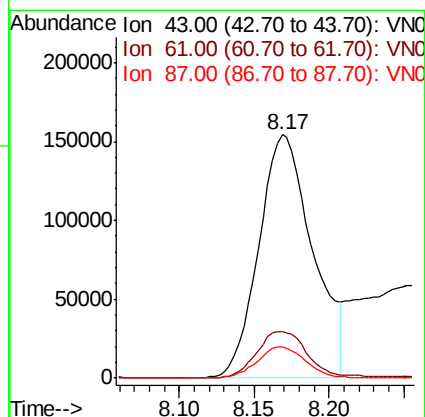
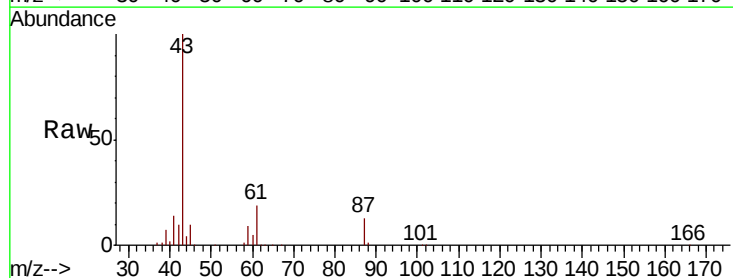
Manual Integrations
 APPROVED

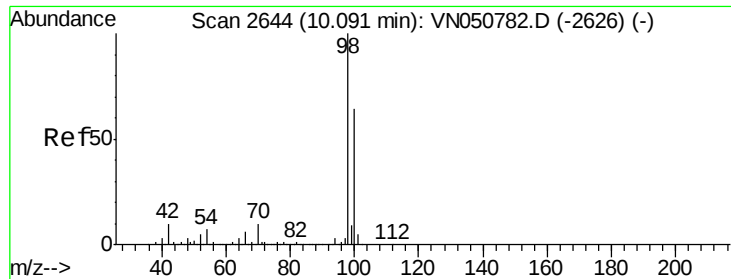
MMDadoda
 8/23/2018 12:27:16 PM



#43
 Isopropyl Acetate
 Concen: 26.80 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050826.D
 Acq: 22 Aug 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	386888		
61	18.4	17.5	26.3	
87	11.5	11.3	16.9	





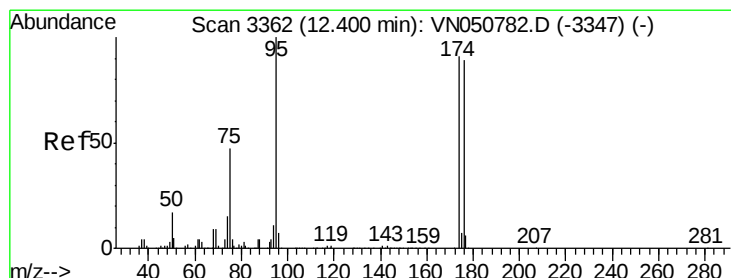
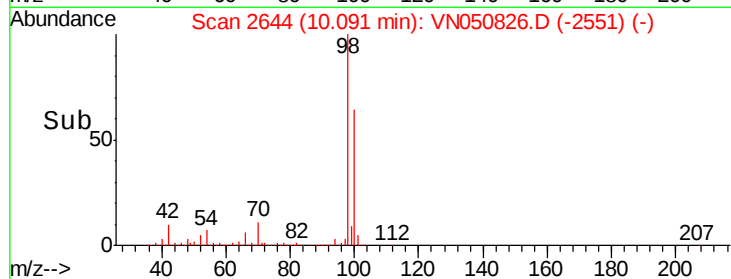
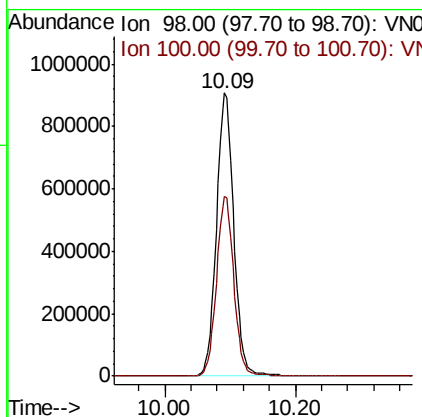
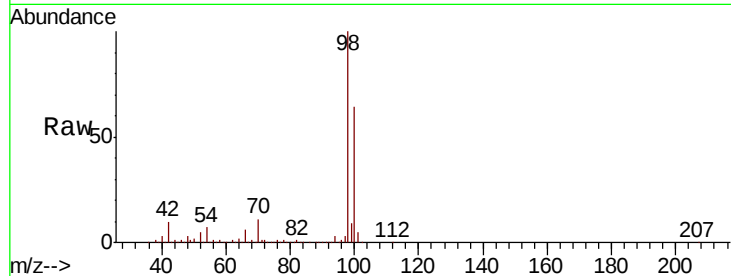
#50
Toluene-d8
Concen: 45.55 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050826.D
Acq: 22 Aug 2018 17:55

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#08

Tot Ion: 98 Resp: 1678425
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

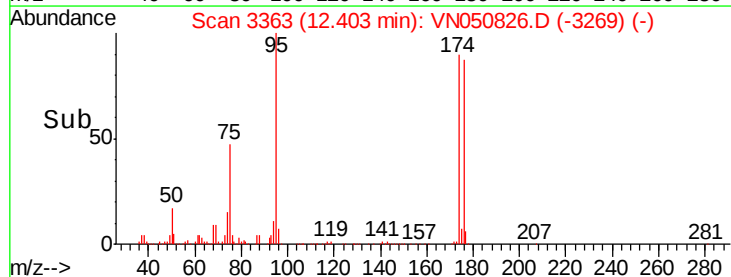
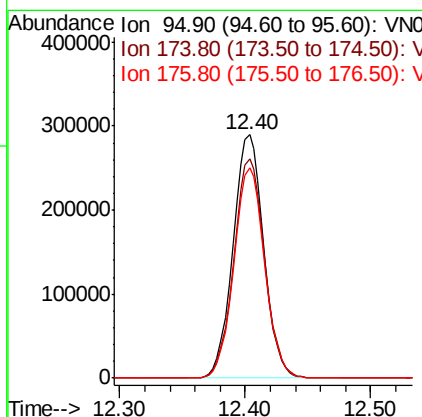
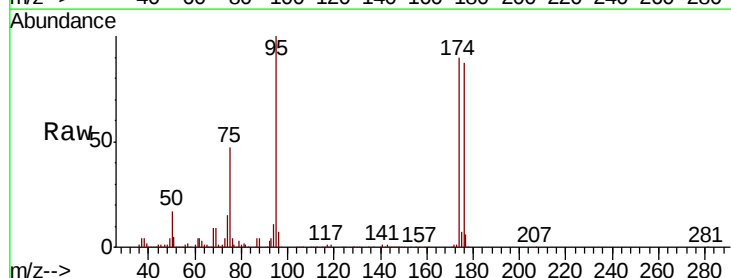
Manual Integrations
APPROVED

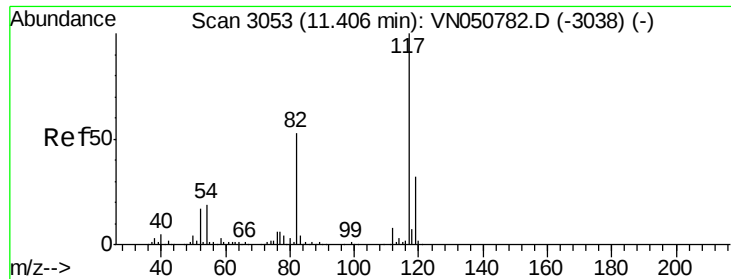
MMDadoda
8/23/2018 12:27:16 PM



#62
4-Bromofluorobenzene
Concen: 39.86 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050826.D
Acq: 22 Aug 2018 17:55

Tgt Ion: 95 Resp: 488029
Ion Ratio Lower Upper
95 100
174 91.1 0.0 183.0
176 87.4 0.0 178.8





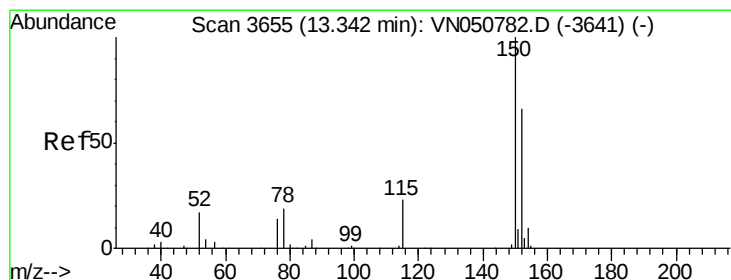
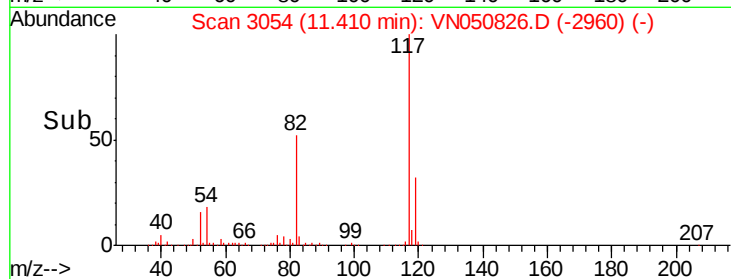
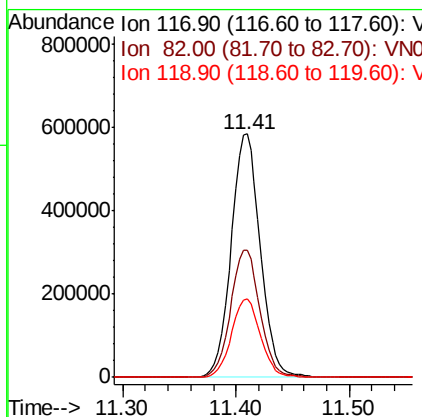
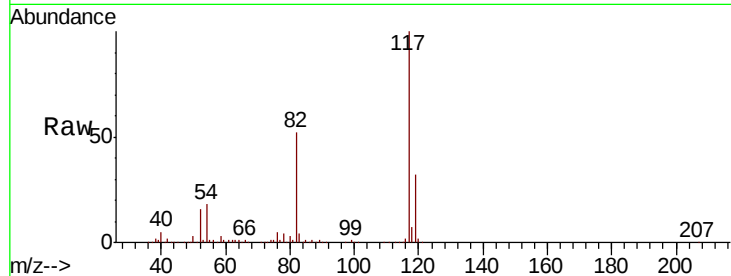
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050826.D
Acq: 22 Aug 2018 17:55

Instrument :
MSVOA_N
ClientSampleId :
PB112269ZHE#08

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	64.0
119	32.3	25.8	38.6

Manual Integrations
APPROVED

MMDadoda
8/23/2018 12:27:16 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050826.D
Acq: 22 Aug 2018 17:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.8	83.4
150	156.5	0.0	351.4

