

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063800.D
 Acq On : 2 Oct 2020 3:44
 Operator : JC/MD
 Sample : L4190-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B14-092920-15-16

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:12:12 PM

Quant Time: Oct 02 04:49:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	214829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	403608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189997	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	7.55	113	136563	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.06	98	522509	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.38	95	205555	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
Target Compounds						
16) Acetone	3.78	43	35765	32.736	ug/l	95
18) Methyl Acetate	4.29	43	4386	1.546	ug/l #	77
20) Methylene Chloride	4.51	84	7733m	3.182	ug/l	
43) Isopropyl Acetate	8.13	43	73697	10.998	ug/l	98

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

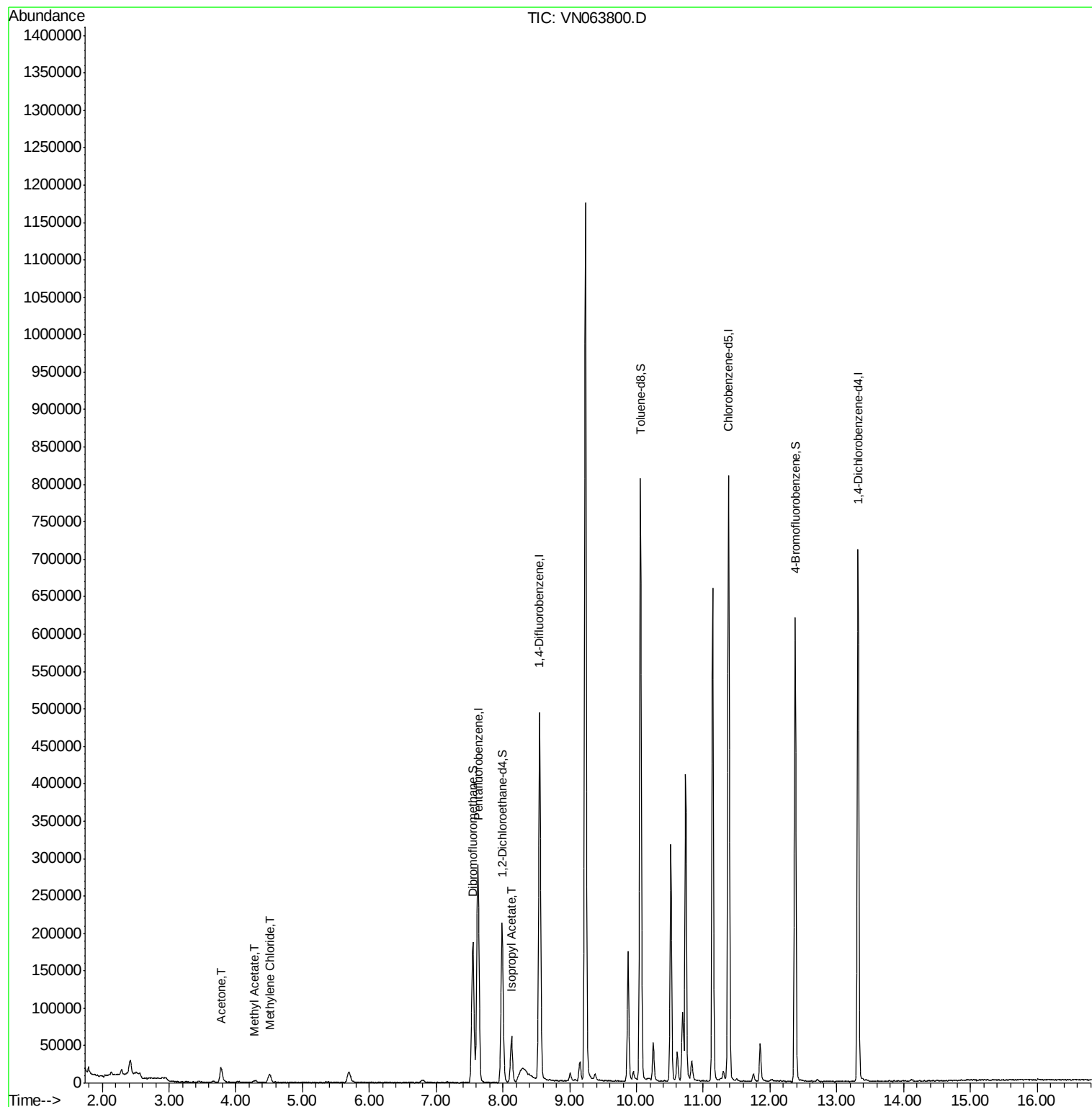
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063800.D
Acq On : 2 Oct 2020 3:44
Operator : JC/MD
Sample : L4190-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 43 Sample Multiplier: 1

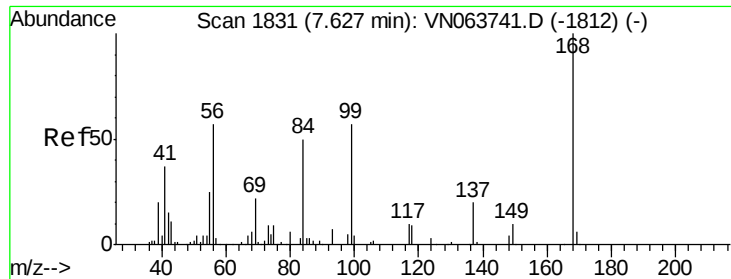
Instrument :
MSVOA_N
ClientSampleId :
PAV-B14-092920-15-16

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:12:12 PM

Quant Time: Oct 02 04:49:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063800.D

Acq: 2 Oct 2020 3:44

Instrument :

MSVOA_N

ClientSampleId :

PAV-B14-092920-15-16

Tot Ion:168 Resp: 214829

Ion Ratio Lower Upper

168 100

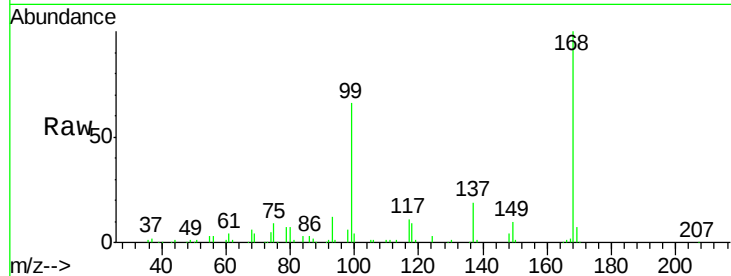
99 66.3 51.8 77.6

Manual Integrations

APPROVED

MMDadoda

10/2/2020 3:12:12 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

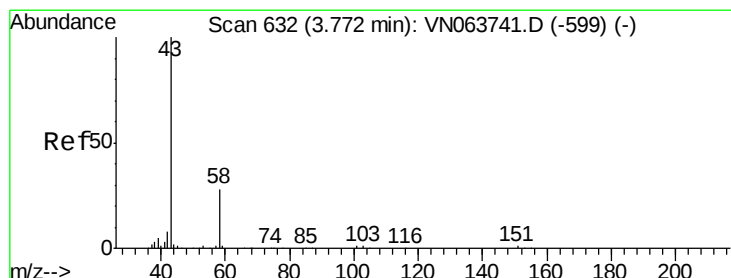
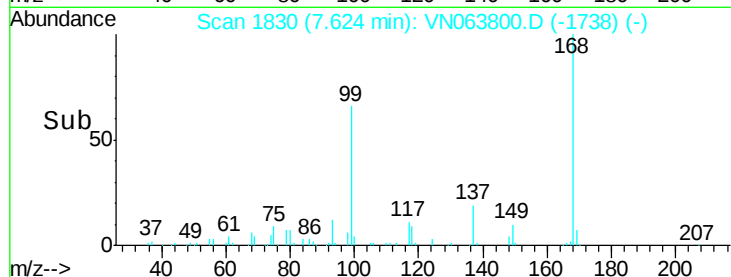
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 32.736 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063800.D

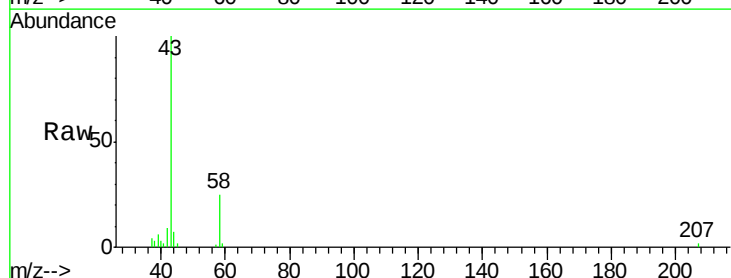
Acq: 2 Oct 2020 3:44

Tgt Ion: 43 Resp: 35765

Ion Ratio Lower Upper

43 100

58 25.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

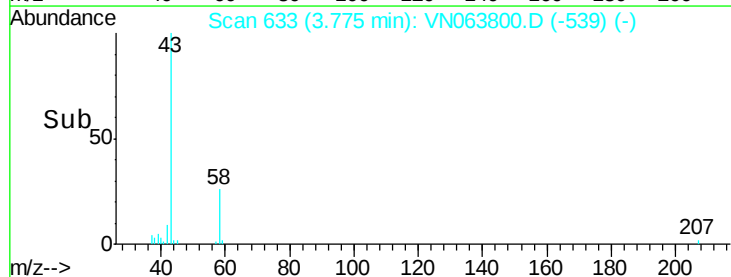
3.78

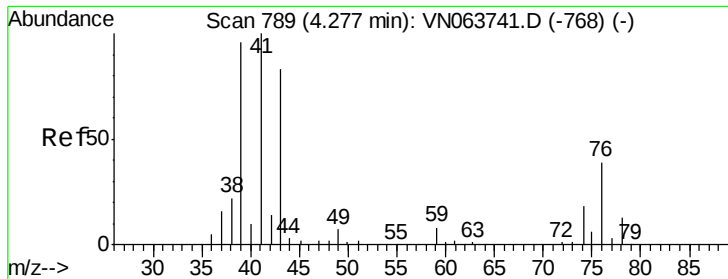
10000

5000

0

Time--> 3.70 3.80 3.90





#18

Methyl Acetate

Concen: 1.546 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN063800.D

Acq: 2 Oct 2020 3:44

Instrument :

MSVOA_N

ClientSampleId :

PAV-B14-092920-15-16

Tot Ion: 43 Resp: 4386

Ion Ratio Lower Upper

43 100

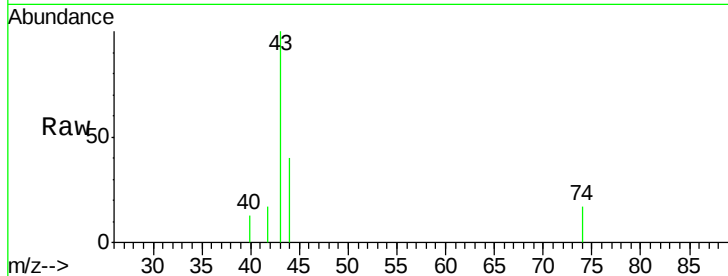
74 11.0 17.4 26.2#

Manual Integrations

APPROVED

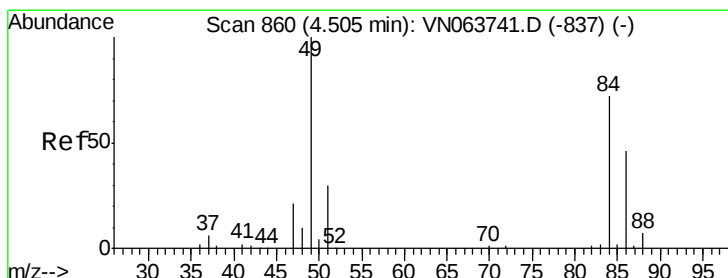
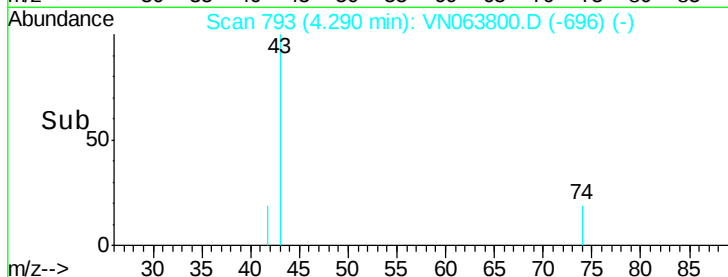
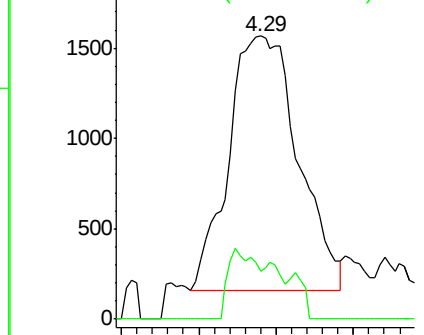
MMDadoda

10/2/2020 3:12:12 PM



Abundance Ion 43.00 (42.70 to 43.70): VN063800.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063800.D (-696) (-)



#20

Methylene Chloride

Concen: 3.182 ug/l m

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063800.D

Acq: 2 Oct 2020 3:44

Tgt Ion: 84 Resp: 7733

Ion Ratio Lower Upper

84 100

49 137.1 110.4 165.6

51 35.7 33.3 49.9

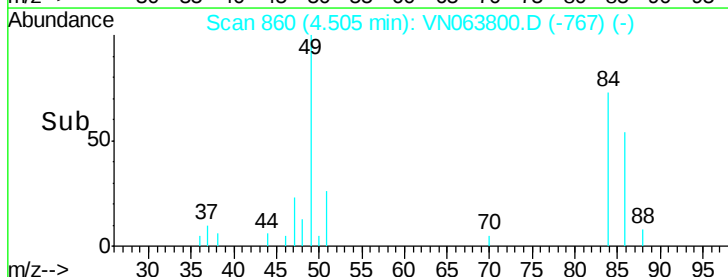
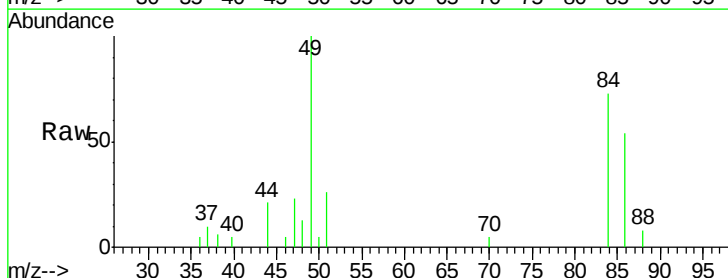
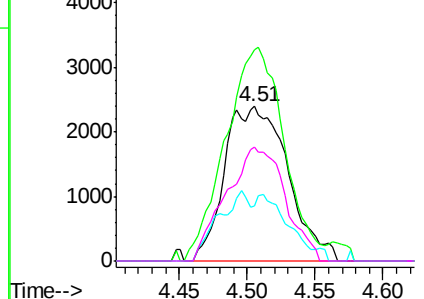
86 73.6 50.7 76.1

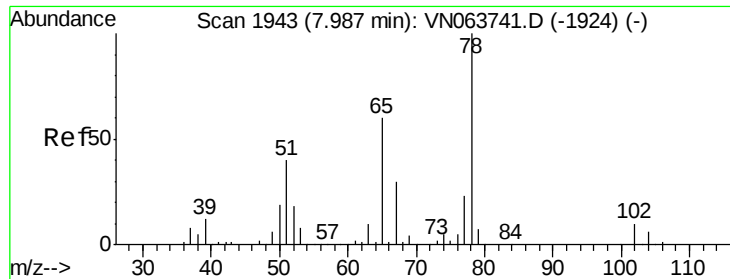
Abundance Ion 83.90 (83.60 to 84.60): VN063800.D (-767) (-)

Ion 48.90 (48.60 to 49.60): VN063800.D (-767) (-)

Ion 50.90 (50.60 to 51.60): VN063800.D (-767) (-)

Ion 85.90 (85.60 to 86.60): VN063800.D (-767) (-)





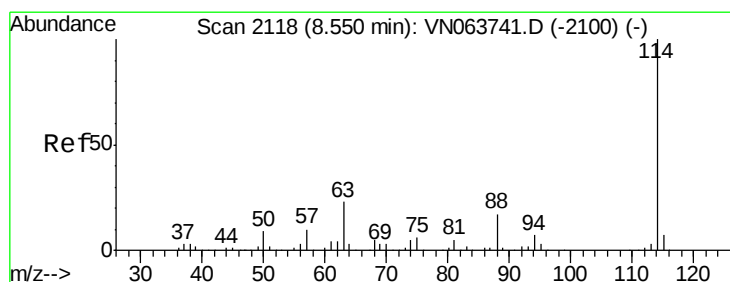
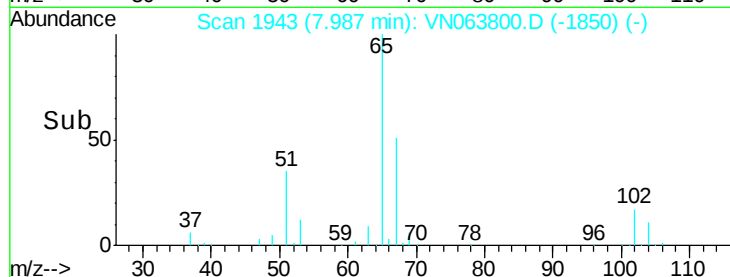
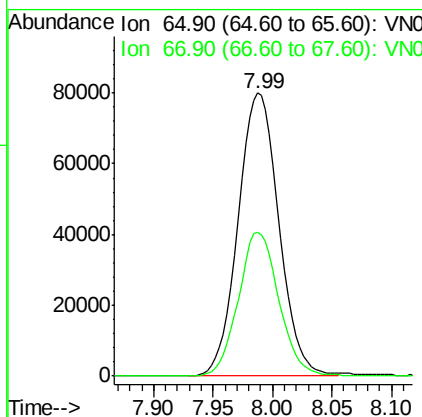
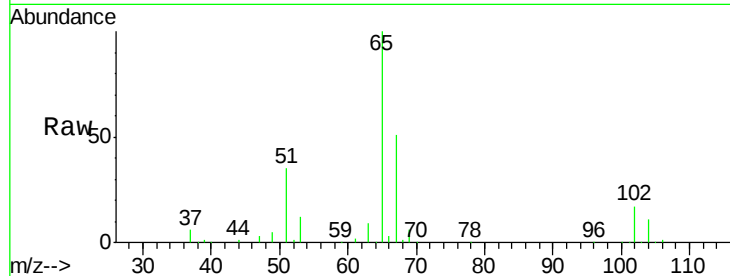
#33
 1,2-Dichloroethane-d4
 Concen: 53.534 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063800.D
 Acq: 2 Oct 2020 3:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B14-092920-15-16

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189997		
67	50.6	0.0	99.6	

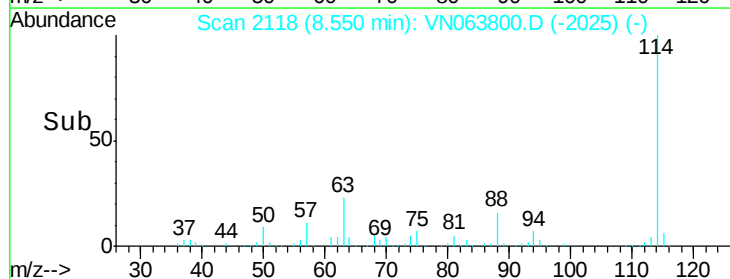
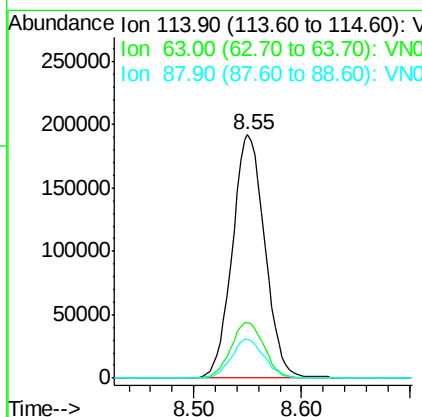
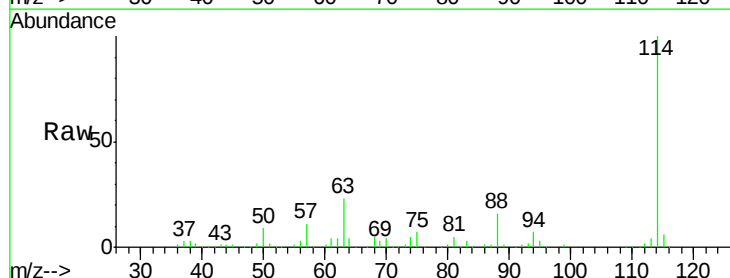
Manual Integrations
 APPROVED

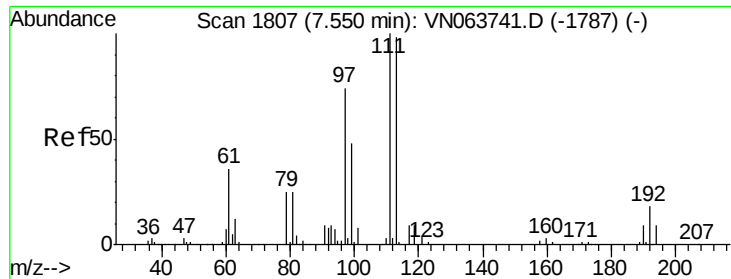
MMDadoda
 10/2/2020 3:12:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063800.D
 Acq: 2 Oct 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	403608		
63	22.8	0.0	45.0	
88	16.2	0.0	34.0	





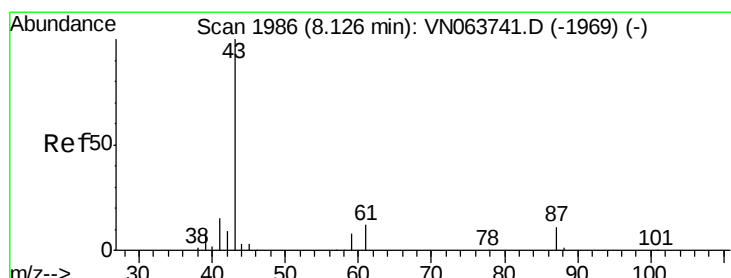
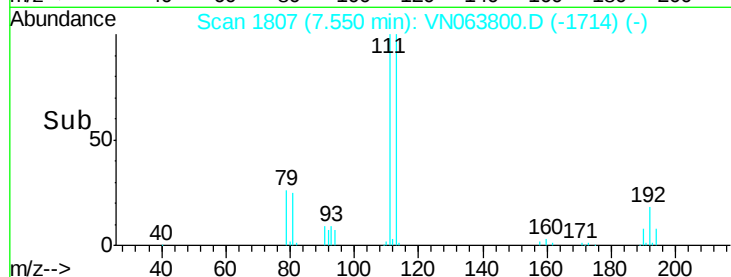
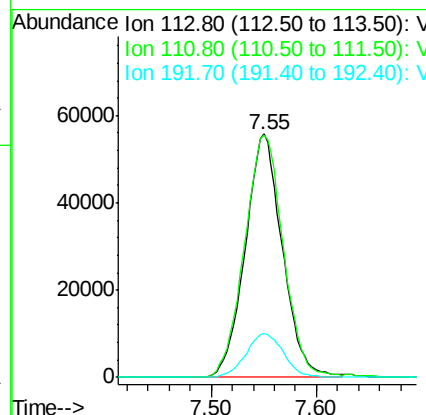
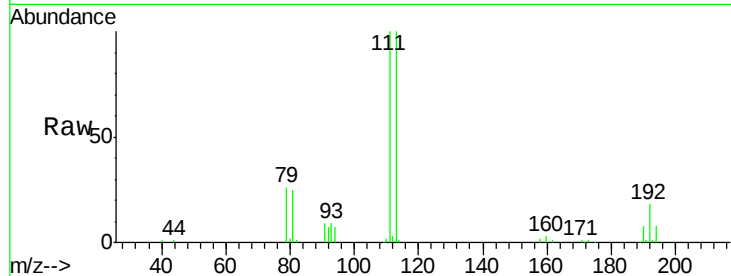
#35
 Dibromofluoromethane
 Concen: 48.763 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063800.D
 Acq: 2 Oct 2020 3:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B14-092920-15-16

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136563		
111	104.2	81.8	122.8	
192	18.3	14.2	21.2	

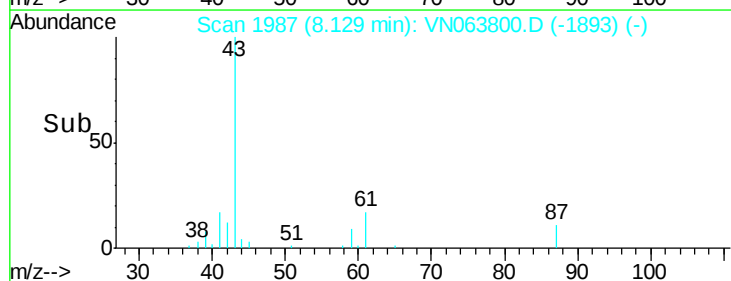
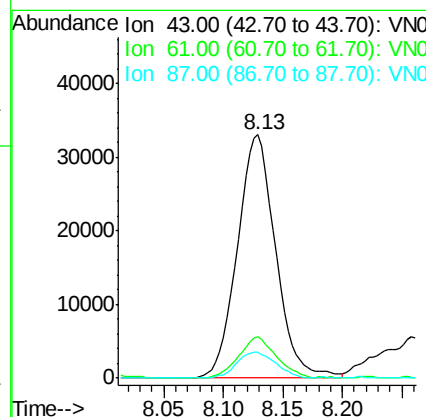
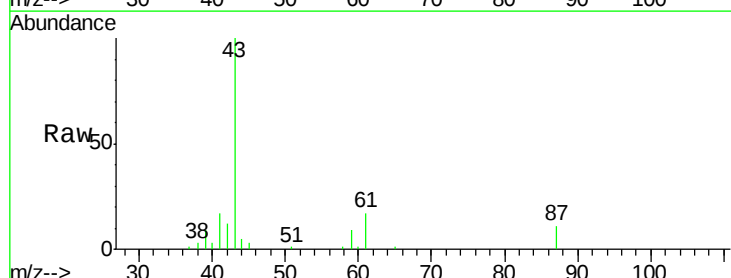
Manual Integrations
 APPROVED

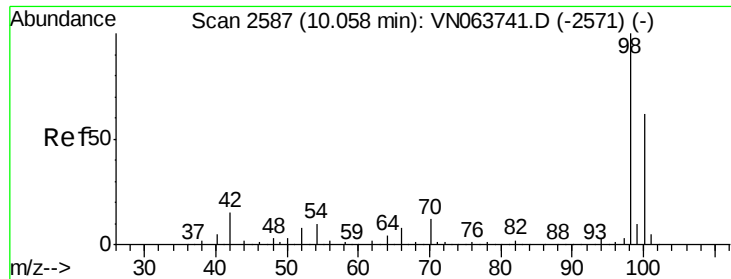
MMDadoda
 10/2/2020 3:12:12 PM



#43
 Isopropyl Acetate
 Concen: 10.998 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063800.D
 Acq: 2 Oct 2020 3:44

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	73697		
61	16.5	14.2	21.4	
87	10.8	9.0	13.6	





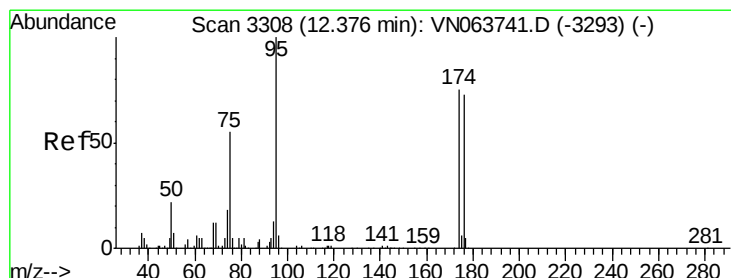
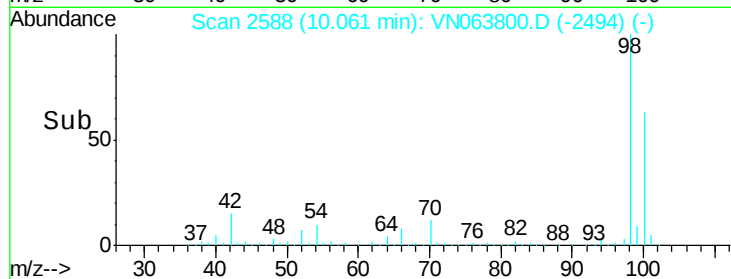
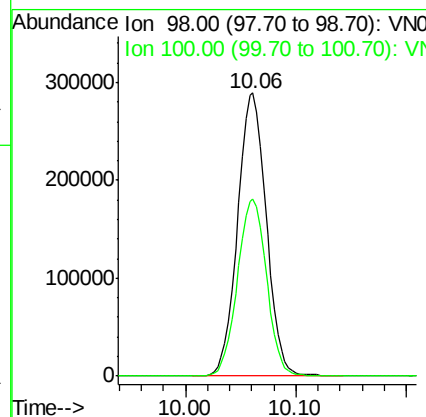
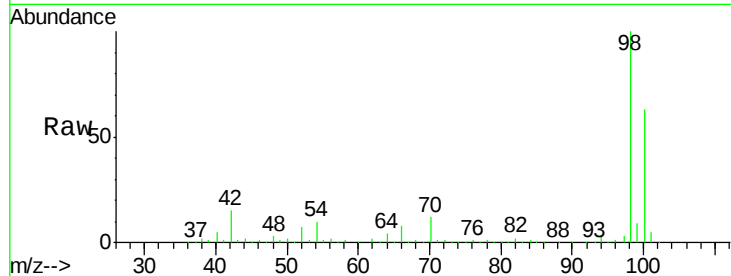
#50
Toluene-d8
Concen: 49.216 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063800.D
Acq: 2 Oct 2020 3:44

Instrument :
MSVOA_N
ClientSampleId :
PAV-B14-092920-15-16

Tot Ion: 98 Resp: 522509
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6

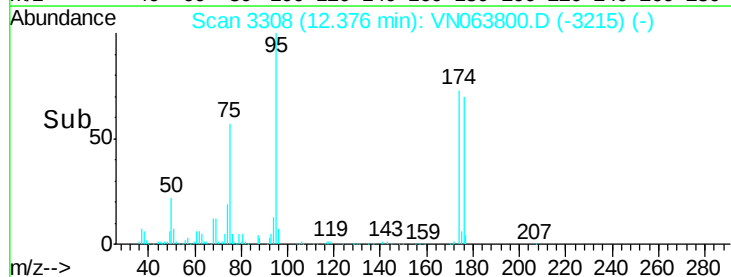
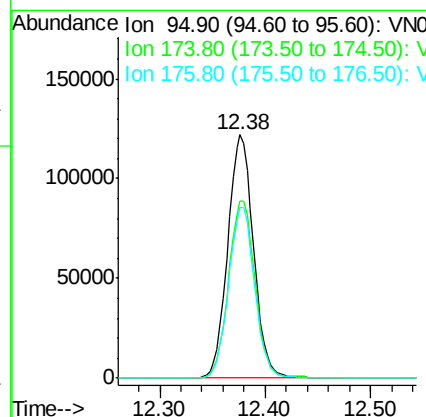
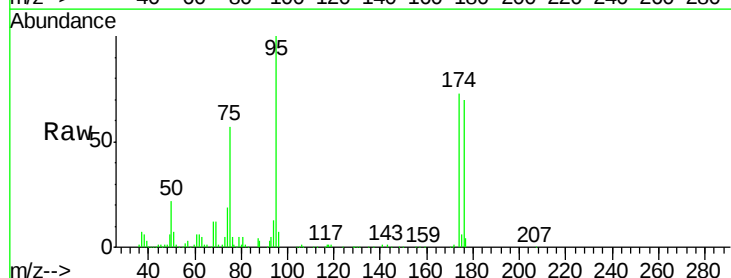
Manual Integrations
APPROVED

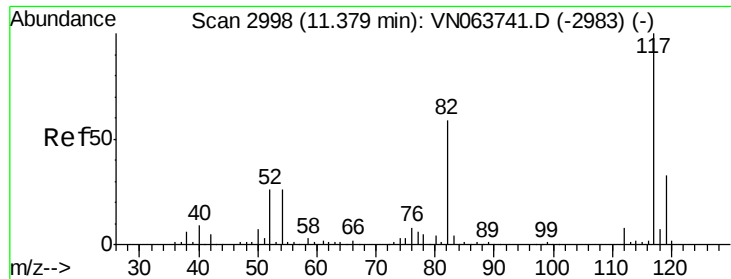
MMDadoda
10/2/2020 3:12:12 PM



#62
4-Bromofluorobenzene
Concen: 51.506 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063800.D
Acq: 2 Oct 2020 3:44

Tgt Ion: 95 Resp: 205555
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.6
176 71.1 0.0 145.4





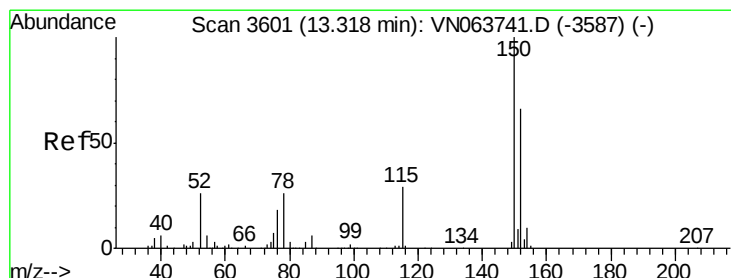
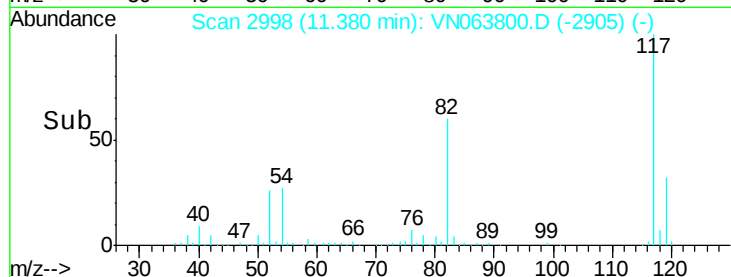
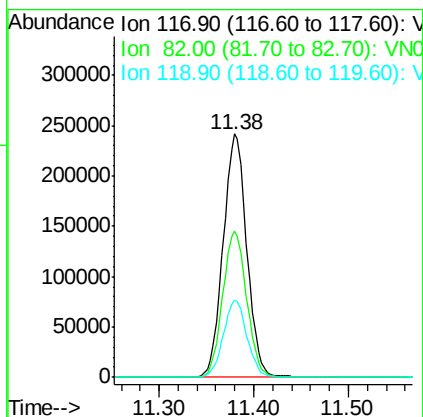
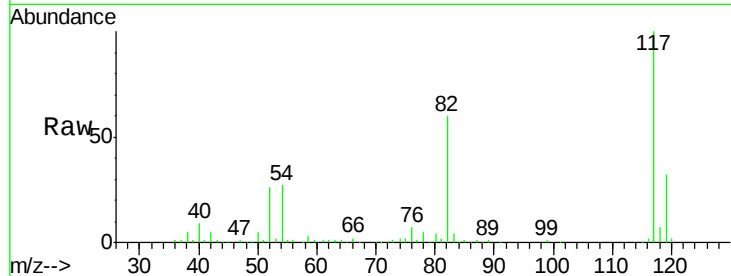
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063800.D
Acq: 2 Oct 2020 3:44

Instrument :
MSVOA_N
ClientSampleId :
PAV-B14-092920-15-16

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	47.4	71.2
119	31.7	26.4	39.6

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:12:12 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063800.D
Acq: 2 Oct 2020 3:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.3	93.8
150	156.5	0.0	341.8

