

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063922.D
 Acq On : 7 Oct 2020 3:53
 Operator : JC/MD
 Sample : L4242-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B17-100120-18-19

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:12:17 PM

Quant Time: Oct 07 06:01:10 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	7.63	168	230132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	425326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	204510	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
35) Dibromofluoromethane	7.55	113	147096	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.06	98	563431	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.38	95	213464	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
Target Compounds						
16) Acetone	3.78	43	15749	13.457	ug/l	93
18) Methyl Acetate	4.30	43	4147m	1.365	ug/l	
20) Methylene Chloride	4.50	84	12003	4.567	ug/l	90
43) Isopropyl Acetate	8.13	43	85351	12.087	ug/l	98

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

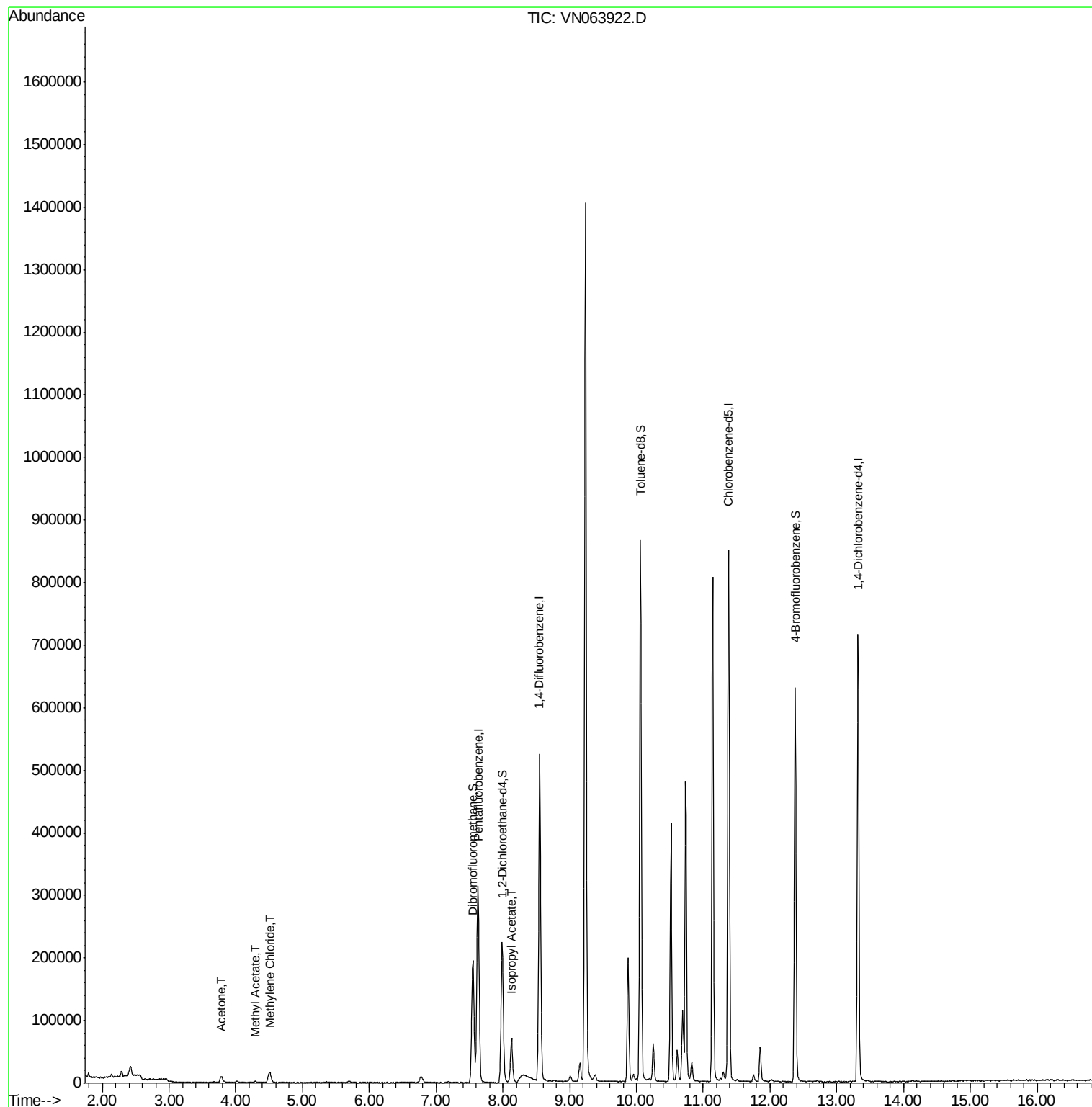
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100620\
Data File : VN063922.D
Acq On : 7 Oct 2020 3:53
Operator : JC/MD
Sample : L4242-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

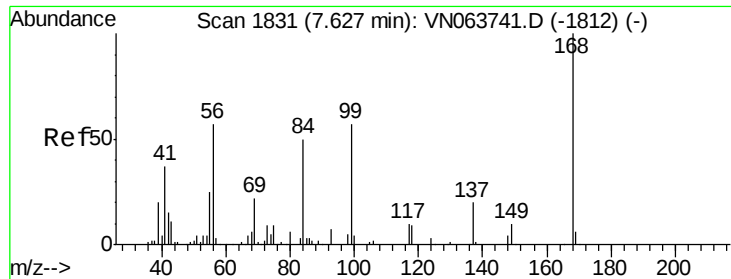
Instrument :
MSVOA_N
ClientSampleId :
PAV-B17-100120-18-19

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:12:17 PM

Quant Time: Oct 07 06:01:10 2020
Quant Method : Z:\V0ASRV\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: 7.63 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN063922.D

Acq: 7 Oct 2020 3:53

Instrument :

MSVOA_N

ClientSampleId :

PAV-B17-100120-18-19

Tot Ion:168 Resp: 230132

Ion Ratio Lower Upper

168 100

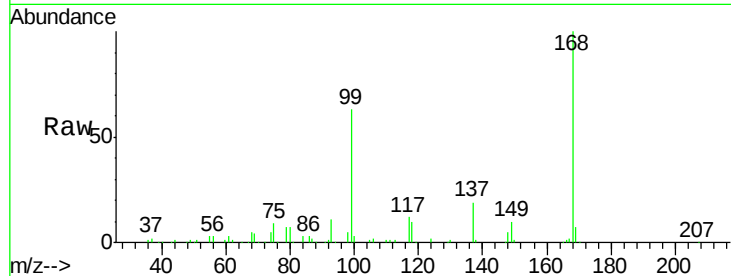
99 63.3 51.8 77.6

Manual Integrations

APPROVED

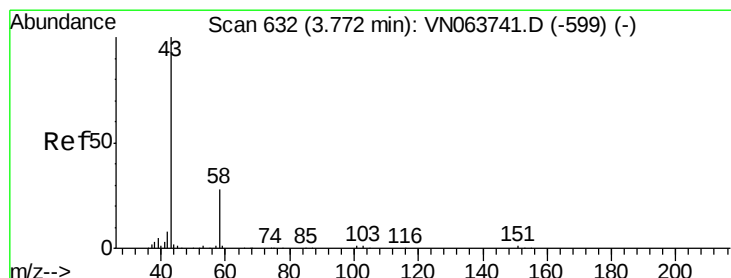
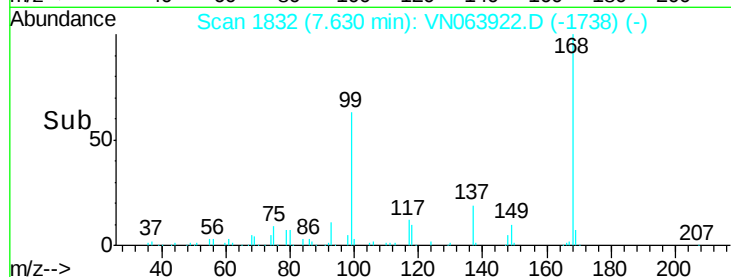
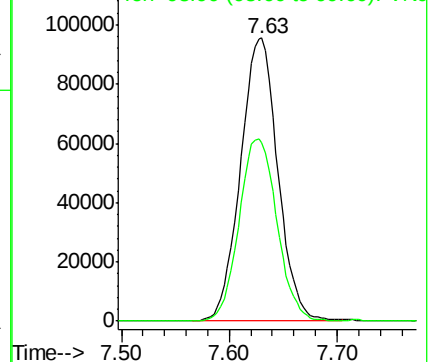
MMDadoda

10/7/2020 12:12:17 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.457 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063922.D

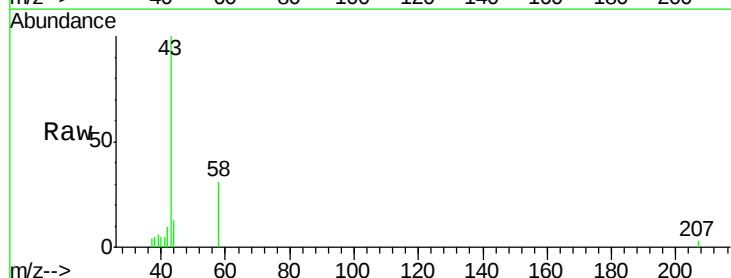
Acq: 7 Oct 2020 3:53

Tgt Ion: 43 Resp: 15749

Ion Ratio Lower Upper

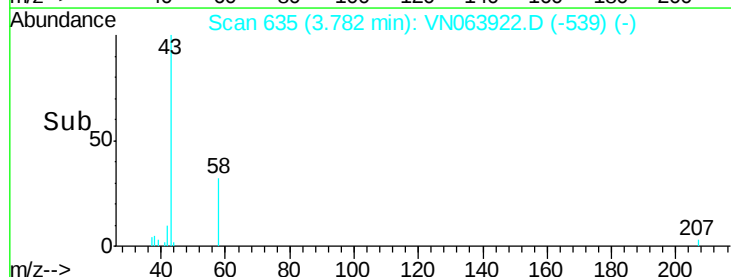
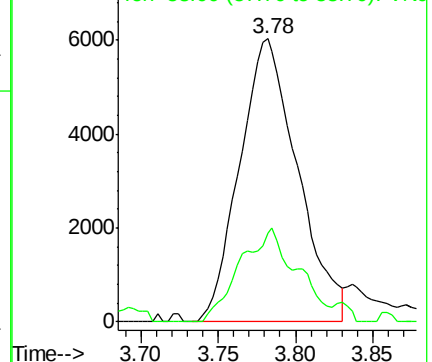
43 100

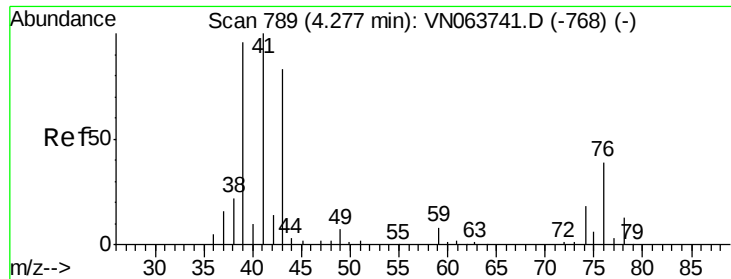
58 31.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





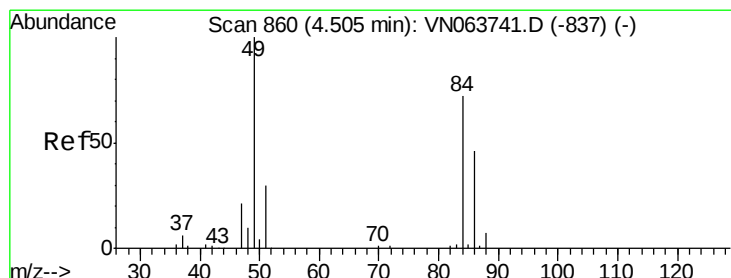
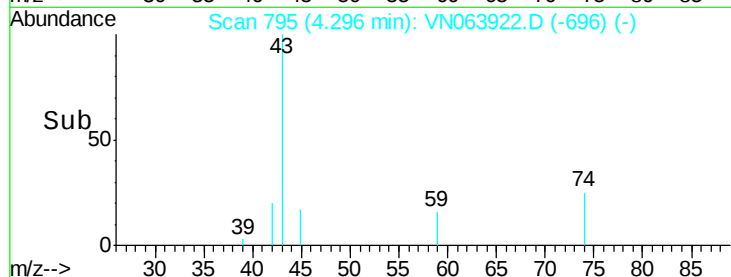
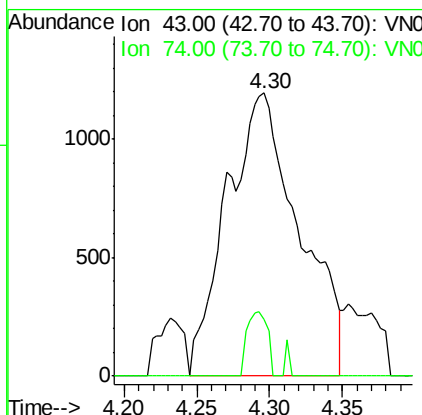
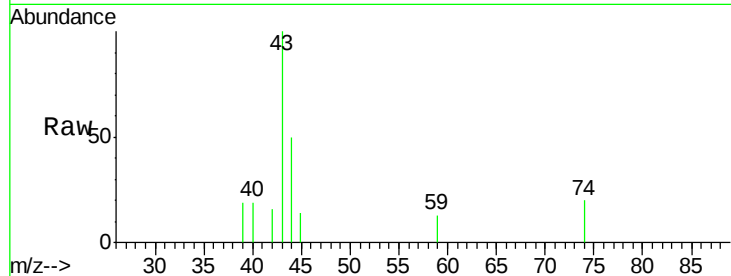
#18
Methyl Acetate
Concen: 1.365 ug/l m
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN063922.D
Acq: 7 Oct 2020 3:53

Instrument :
MSVOA_N
ClientSampleId :
PAV-B17-100120-18-19

Tot Ion: 43 Resp: 4147
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

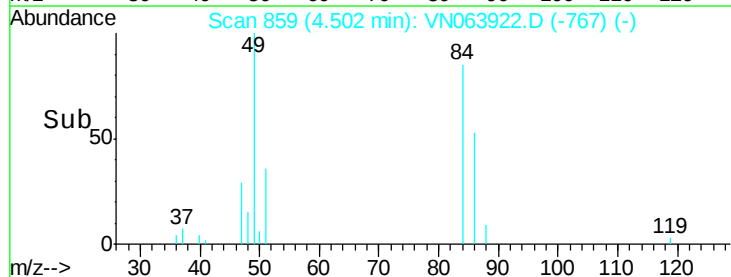
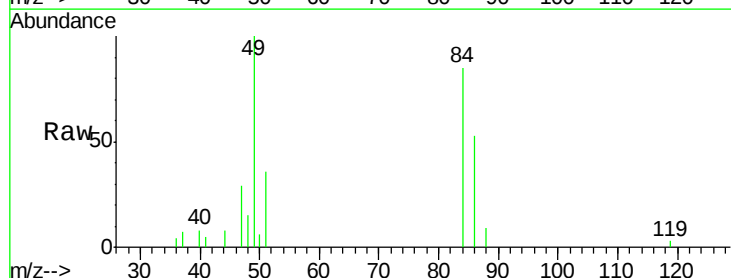
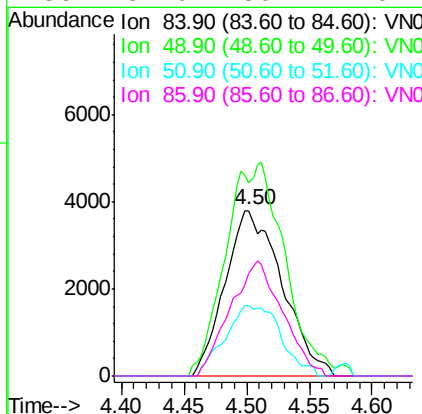
Manual Integrations
APPROVED

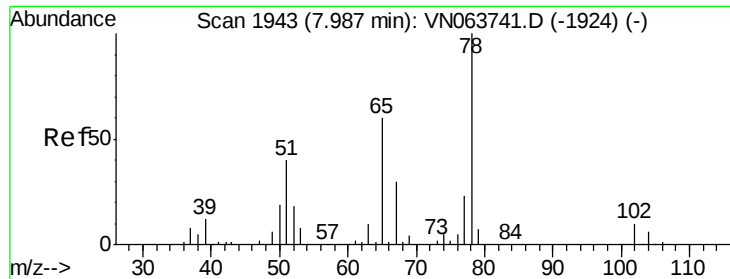
MMDadoda
10/7/2020 12:12:17 PM



#20
Methylene Chloride
Concen: 4.567 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063922.D
Acq: 7 Oct 2020 3:53

Tgt Ion: 84 Resp: 12003
Ion Ratio Lower Upper
84 100
49 117.2 110.4 165.6
51 42.3 33.3 49.9
86 62.0 50.7 76.1





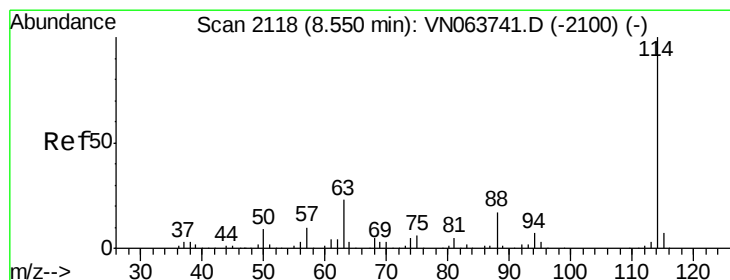
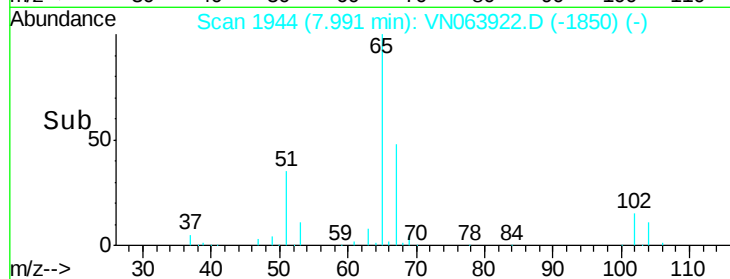
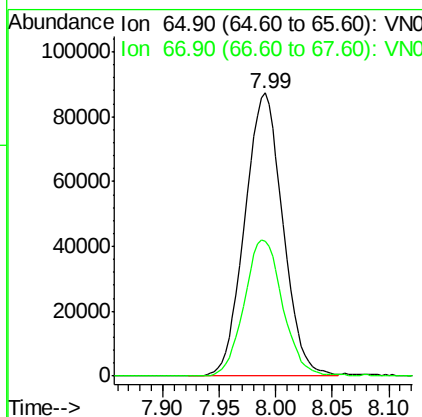
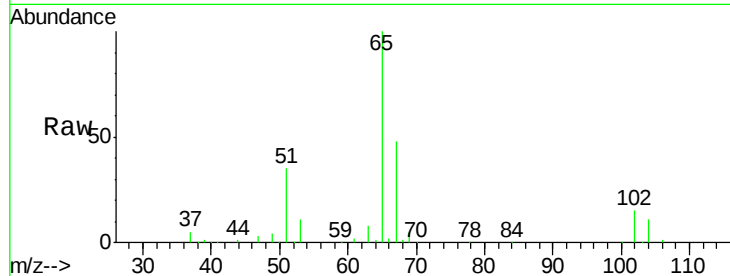
#33
 1,2-Dichloroethane-d4
 Concen: 53.791 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063922.D
 Acq: 7 Oct 2020 3:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B17-100120-18-19

Tot Ion	Ratio	Resp	Lower	Upper
65	100	204510		
67	48.6	0.0	99.6	

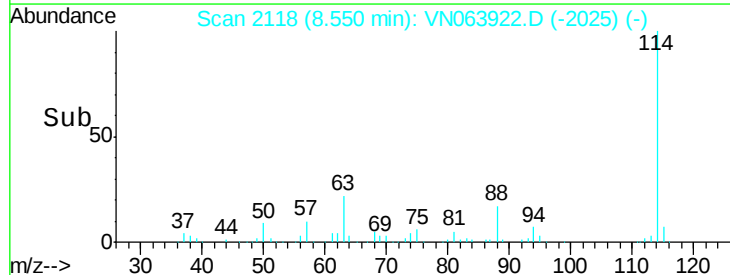
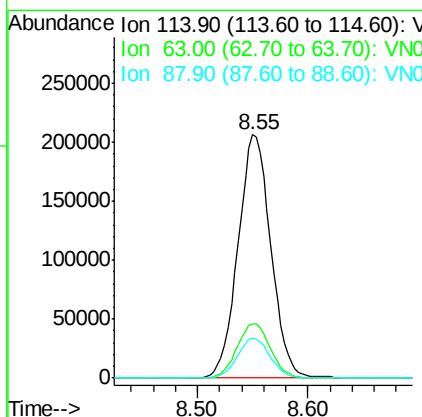
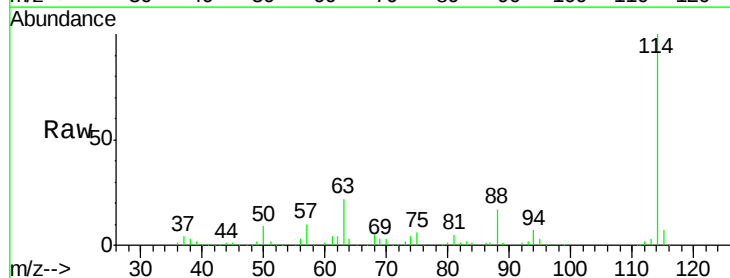
Manual Integrations
 APPROVED

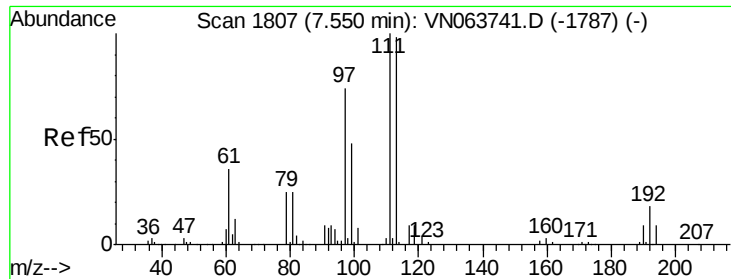
MMDadoda
 10/7/2020 12:12:17 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063922.D
 Acq: 7 Oct 2020 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	425326		
63	22.4	0.0	45.0	
88	16.6	0.0	34.0	





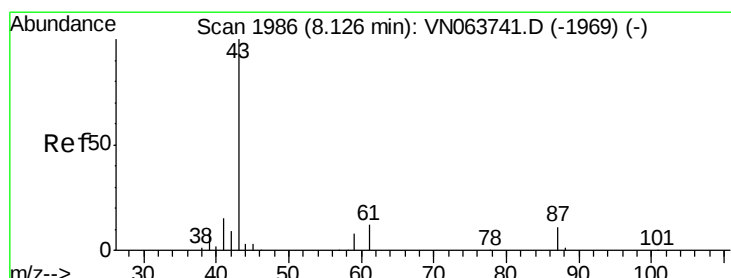
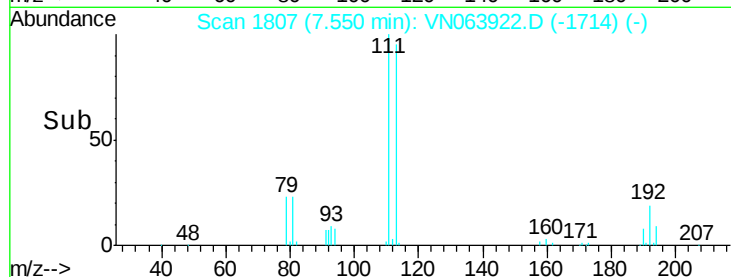
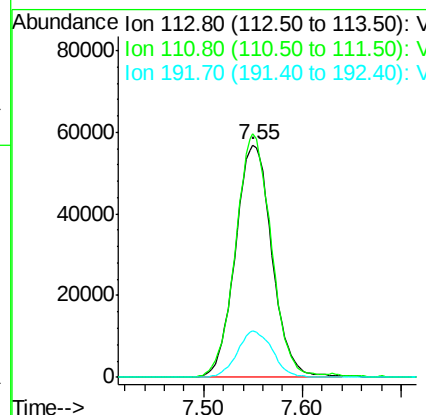
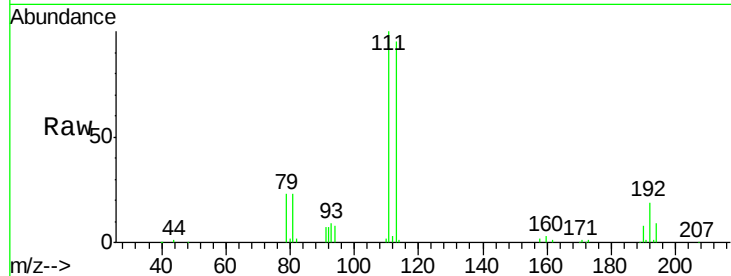
#35
 Dibromofluoromethane
 Concen: 49.842 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063922.D
 Acq: 7 Oct 2020 3:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-B17-100120-18-19

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147096		
111	101.6	81.8	122.8	
192	19.1	14.2	21.2	

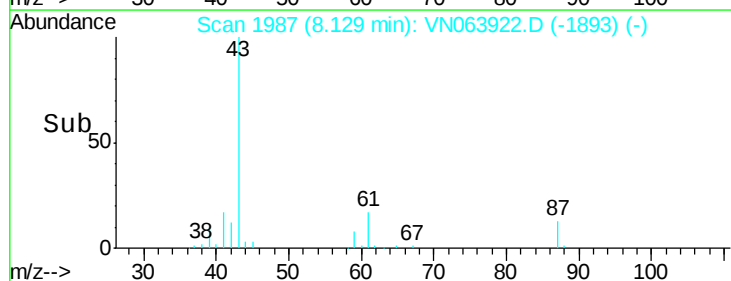
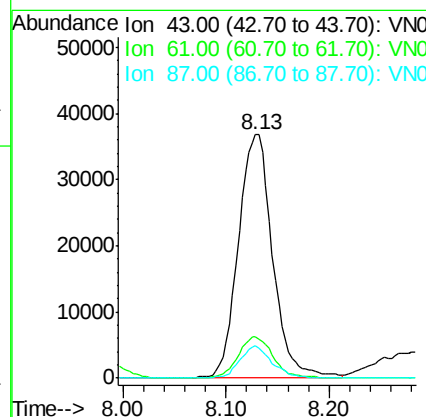
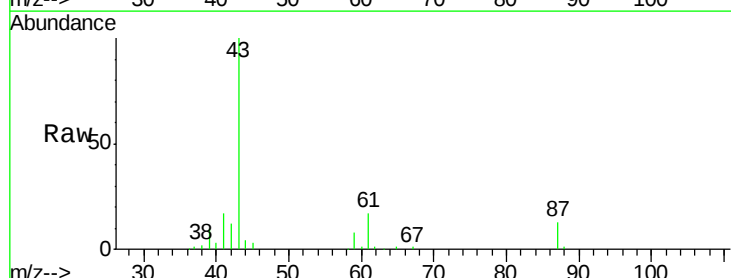
Manual Integrations
 APPROVED

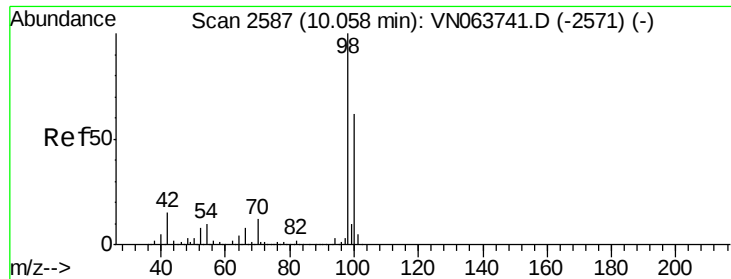
MMDadoda
 10/7/2020 12:12:17 PM



#43
 Isopropyl Acetate
 Concen: 12.087 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063922.D
 Acq: 7 Oct 2020 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	85351		
61	17.1	14.2	21.4	
87	12.3	9.0	13.6	





#50

Toluene-d8

Concen: 50.361 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063922.D

Acq: 7 Oct 2020 3:53

Instrument :

MSVOA_N

ClientSampleId :

PAV-B17-100120-18-19

Tot Ion: 98 Resp: 563431

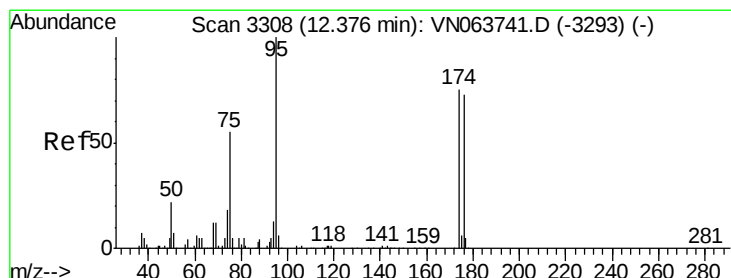
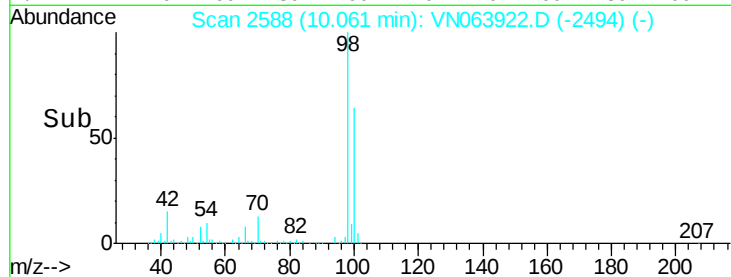
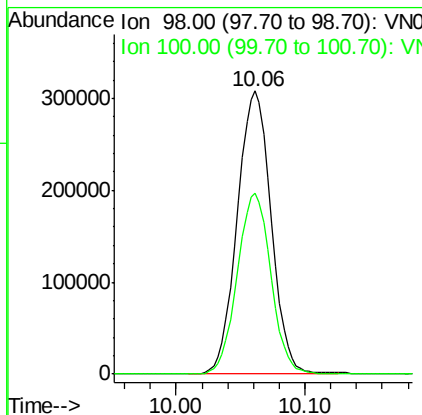
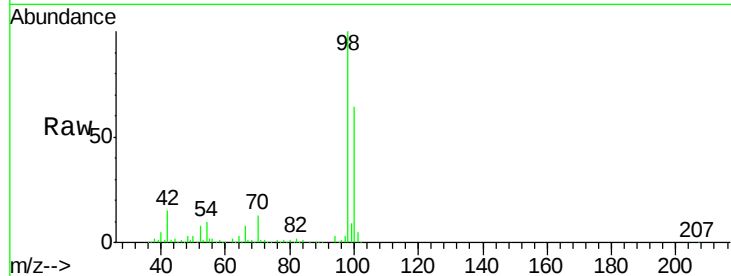
Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.6

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:12:17 PM



#62

4-Bromofluorobenzene

Concen: 50.757 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063922.D

Acq: 7 Oct 2020 3:53

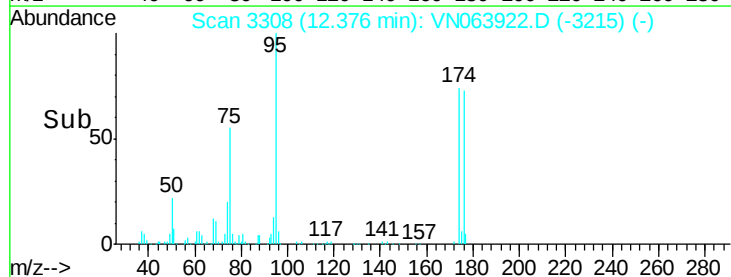
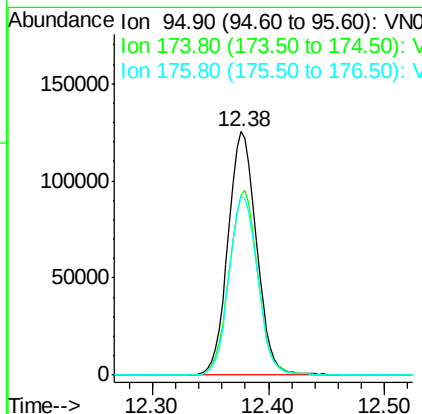
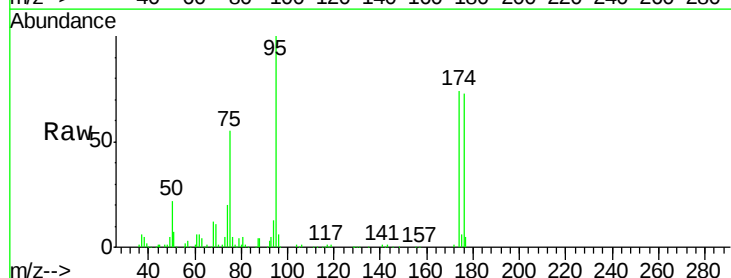
Tgt Ion: 95 Resp: 213464

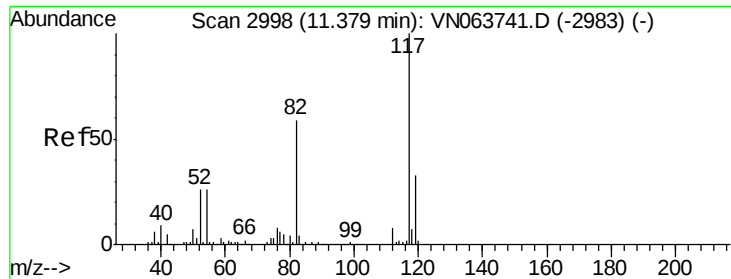
Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.6

176 73.4 0.0 145.4





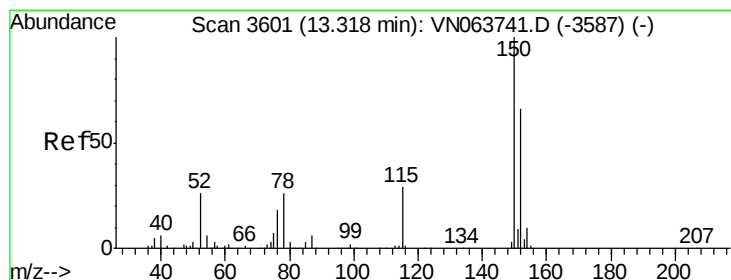
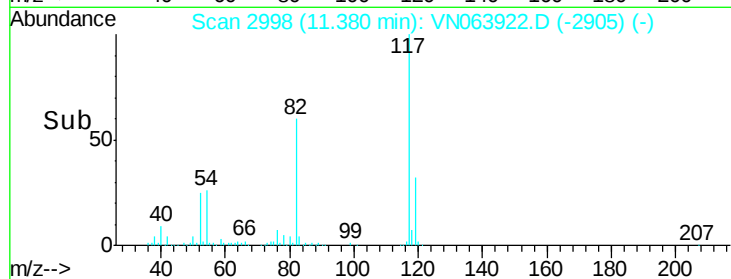
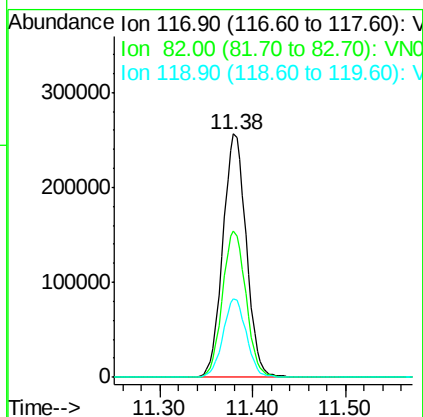
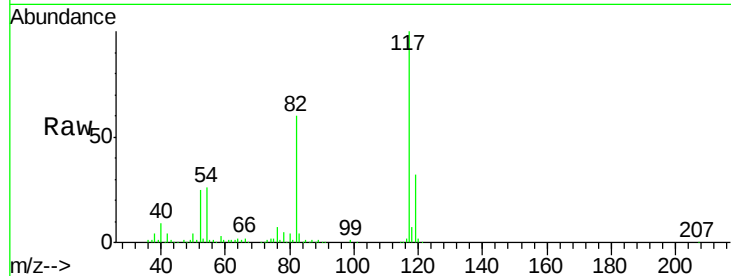
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063922.D
Acq: 7 Oct 2020 3:53

Instrument :
MSVOA_N
ClientSampleId :
PAV-B17-100120-18-19

Tot Ion	Ratio	Resp	Lower	Upper
117	100	449713		
82	60.3	47.4	71.2	
119	32.2	26.4	39.6	

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:12:17 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: VN063922.D
Acq: 7 Oct 2020 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	176488		
115	61.7	31.3	93.8	
150	160.1	0.0	341.8	

