

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063422.D
 Acq On : 17 Sep 2020 16:25
 Operator : JC/MD
 Sample : L4038-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-091620-DP

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 2:45:09 PM

Quant Time: Sep 18 03:57:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196898	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
35) Dibromofluoromethane	7.55	113	146726	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	10.06	98	583662	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.38	95	232940	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
Target Compounds						
16) Acetone	3.78	43	33187	25.555	ug/l	98
18) Methyl Acetate	4.29	43	4253m	1.290	ug/l	
20) Methylene Chloride	4.51	84	17810	5.413	ug/l	92
43) Isopropyl Acetate	8.13	43	95831	11.364	ug/l	99

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

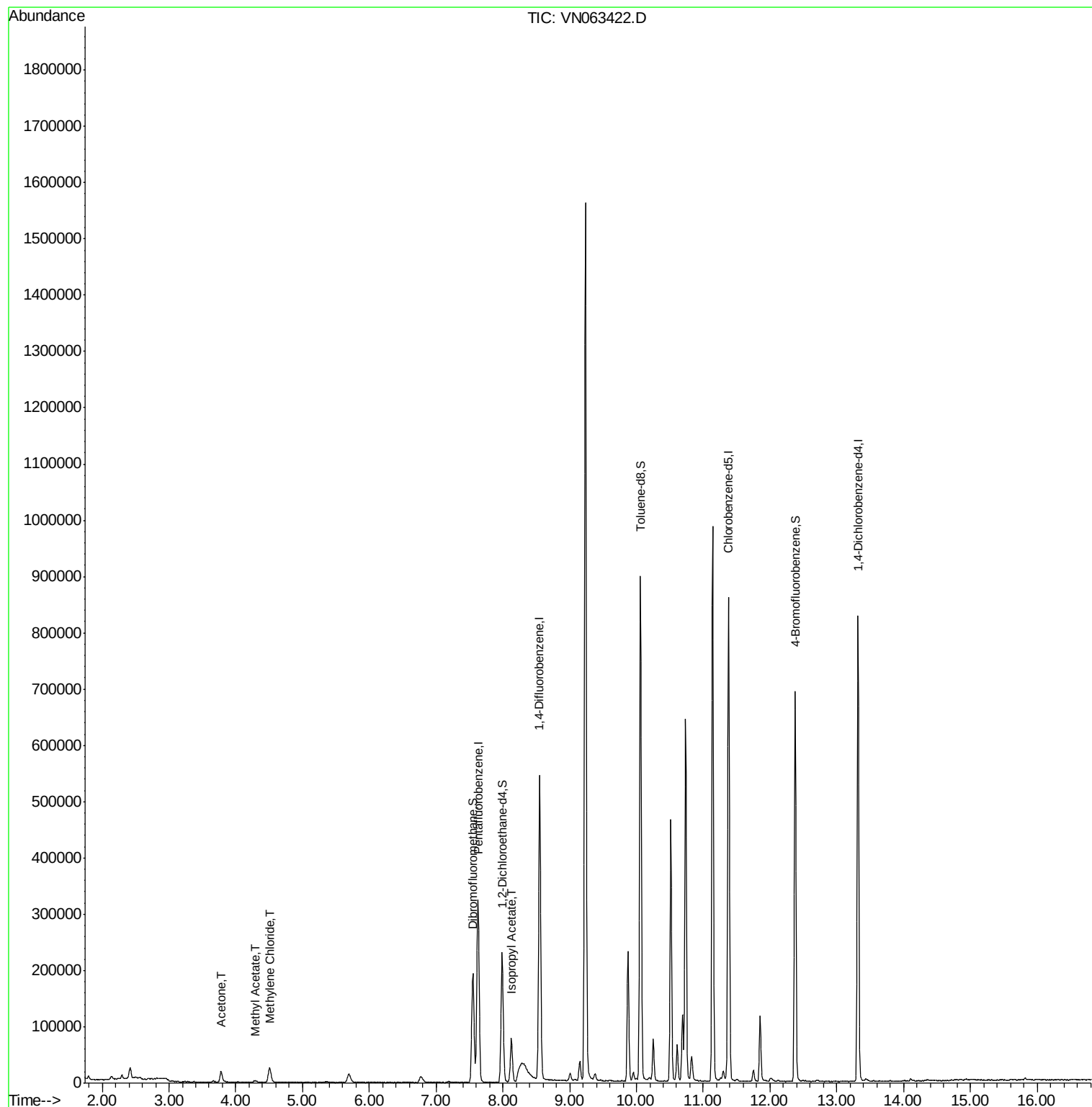
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063422.D
Acq On : 17 Sep 2020 16:25
Operator : JC/MD
Sample : L4038-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

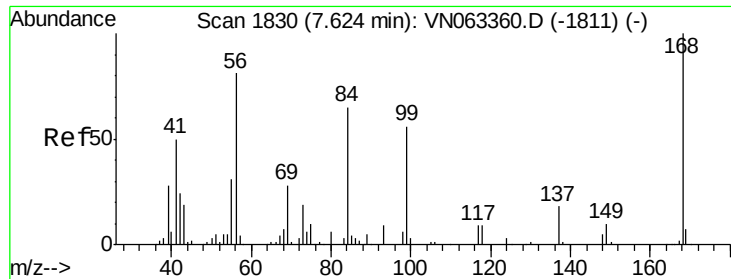
Instrument :
MSVOA_N
ClientSampleId :
PAV-091620-DP

Manual Integrations
APPROVED

MMDadoda
9/18/2020 2:45:09 PM

Quant Time: Sep 18 03:57:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





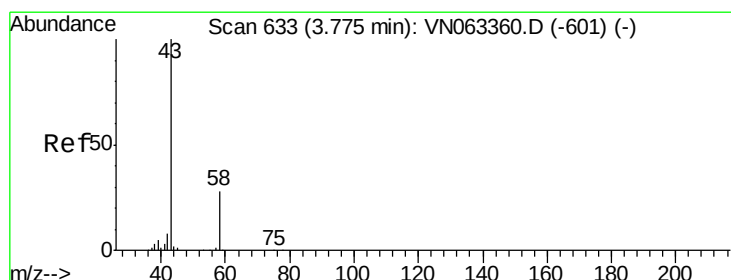
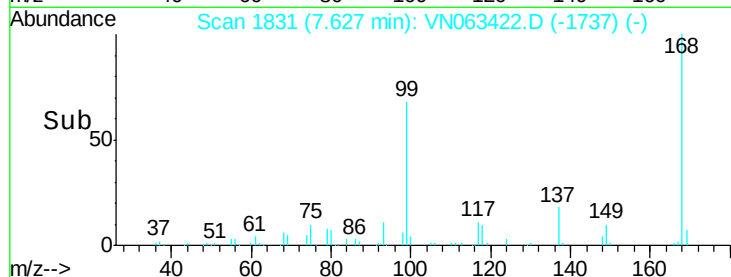
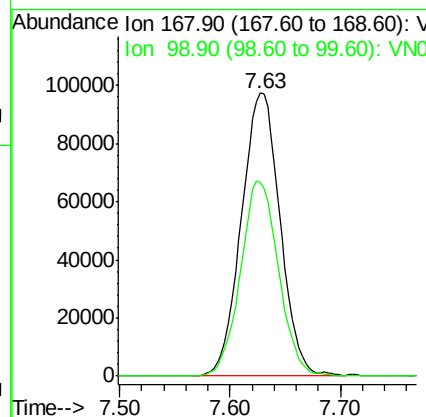
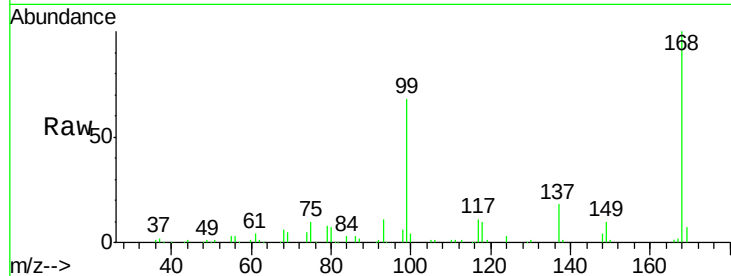
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063422.D
Acq: 17 Sep 2020 16:25

Instrument :
MSVOA_N
ClientSampleId :
PAV-091620-DP

Tot Ion	Ratio	Lower	Upper
168	100		
99	68.4	53.0	79.6

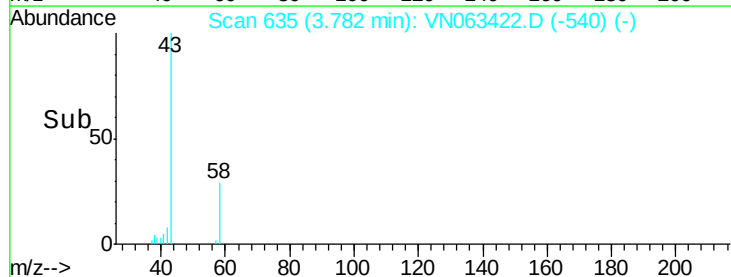
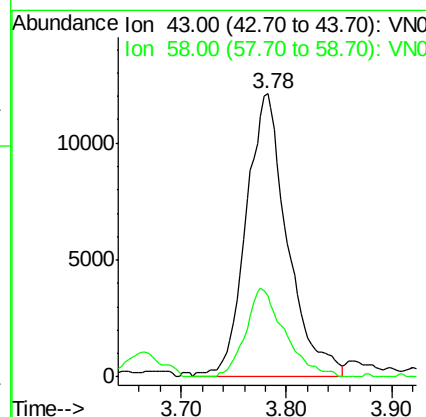
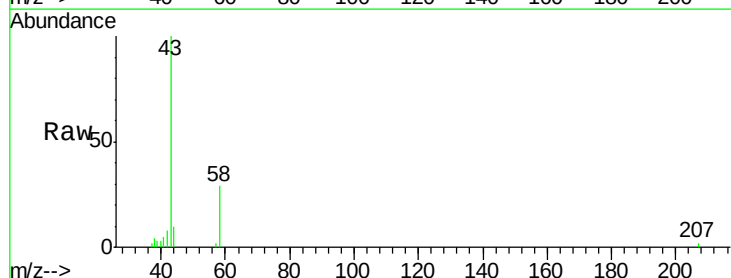
Manual Integrations
APPROVED

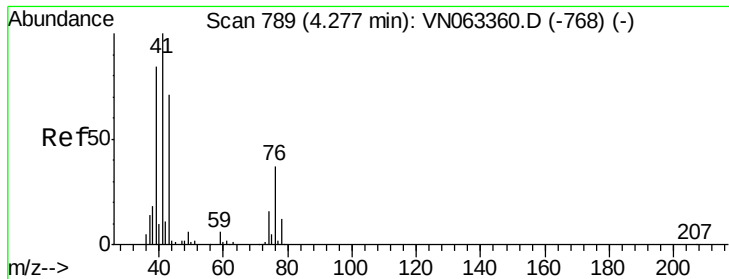
MMDadoda
9/18/2020 2:45:09 PM



#16
Acetone
Concen: 25.555 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN063422.D
Acq: 17 Sep 2020 16:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.3	33.5





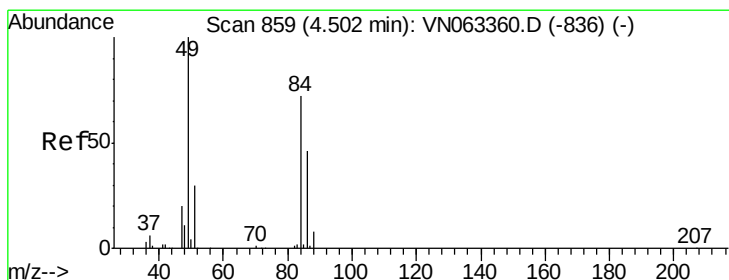
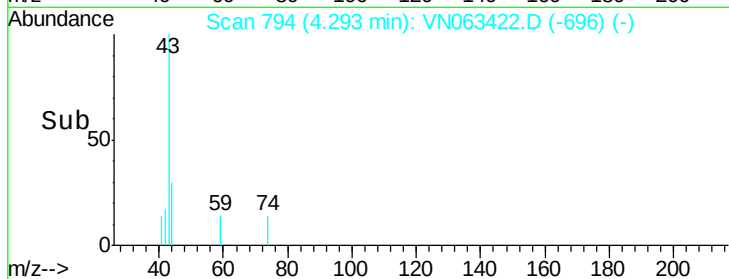
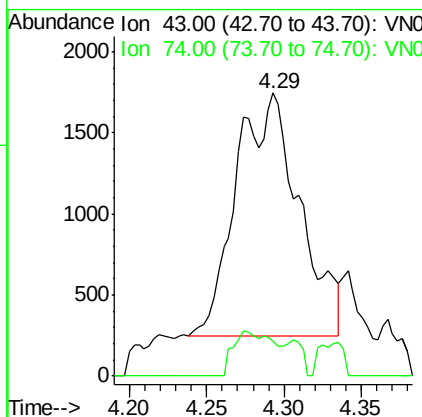
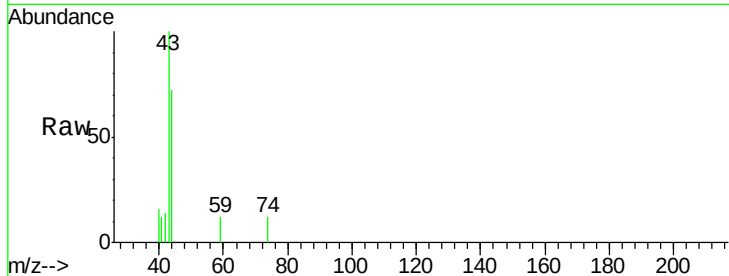
#18
Methyl Acetate
Concen: 1.290 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN063422.D
Acq: 17 Sep 2020 16:25

Instrument :
MSVOA_N
ClientSampled :
PAV-091620-DP

Tot Ion: 43 Resp: 4253
Ion Ratio Lower Upper
43 100
74 12.3 17.4 26.2#

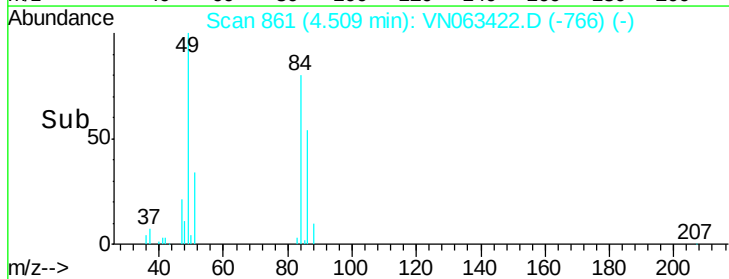
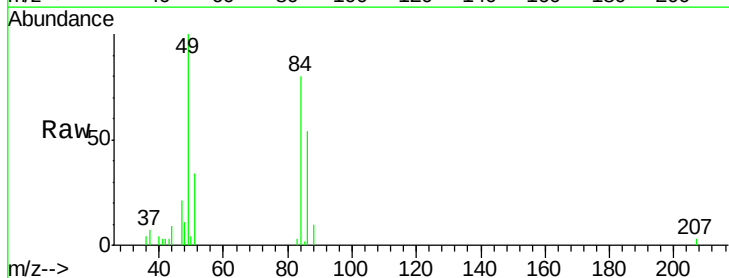
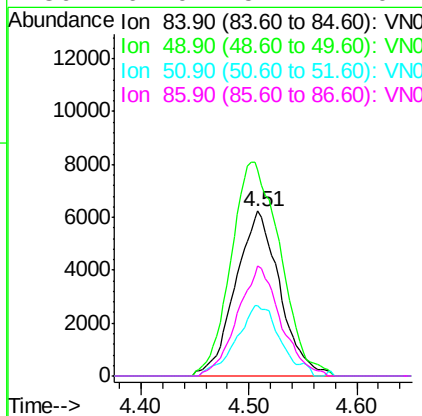
Manual Integrations
APPROVED

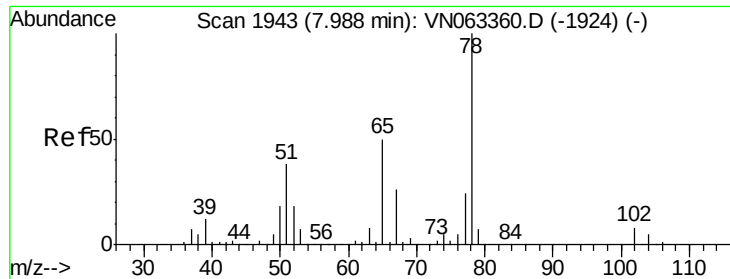
MMDadoda
9/18/2020 2:45:09 PM



#20
Methylene Chloride
Concen: 5.413 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063422.D
Acq: 17 Sep 2020 16:25

Tgt Ion: 84 Resp: 17810
Ion Ratio Lower Upper
84 100
49 125.1 110.7 166.1
51 42.7 32.9 49.3
86 67.0 51.1 76.7





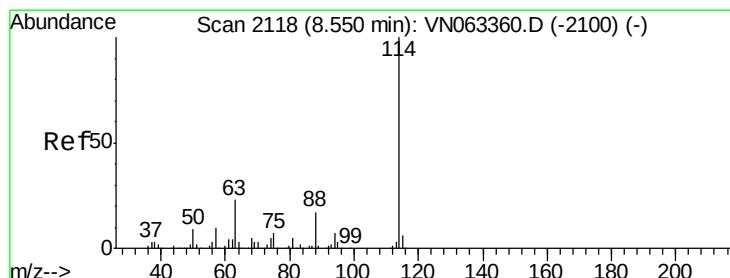
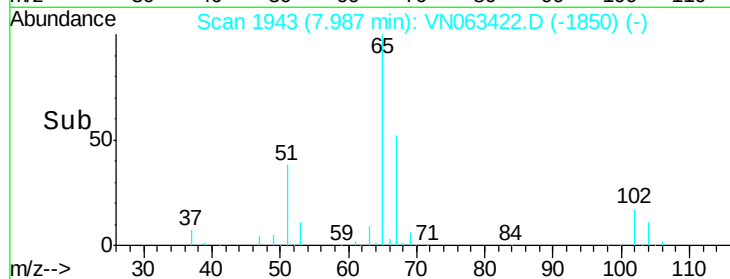
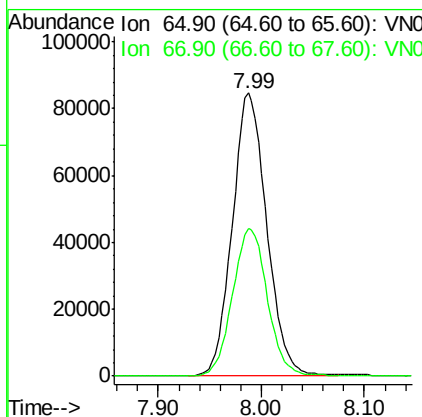
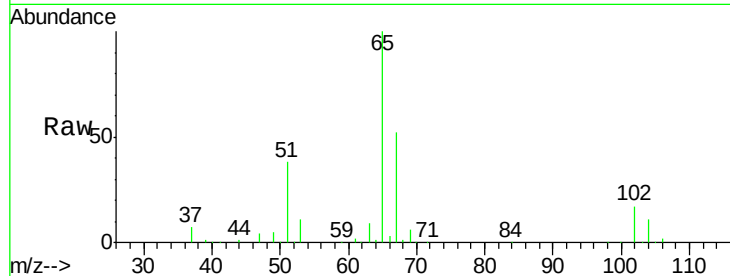
#33
 1,2-Dichloroethane-d4
 Concen: 48.727 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063422.D
 Acq: 17 Sep 2020 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PAV-091620-DP

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196898		
67	52.4	0.0	104.2	

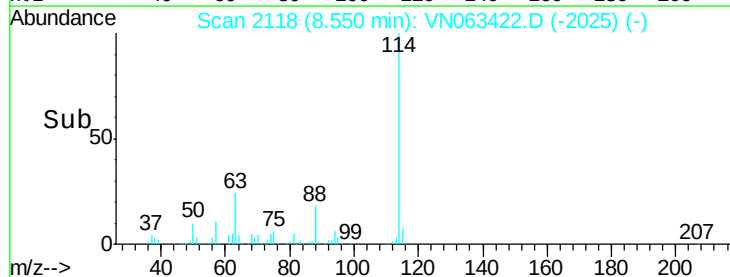
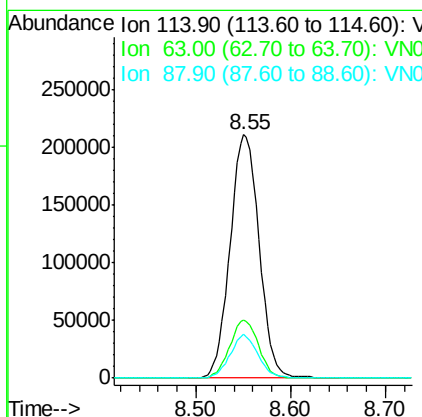
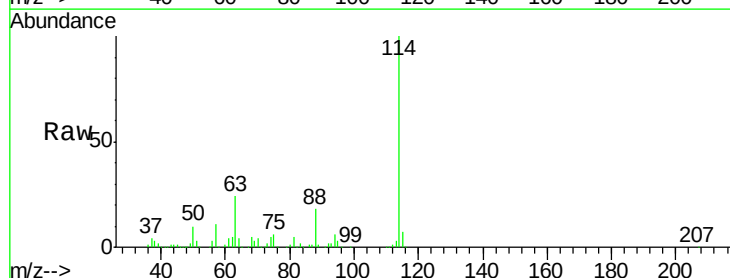
Manual Integrations
 APPROVED

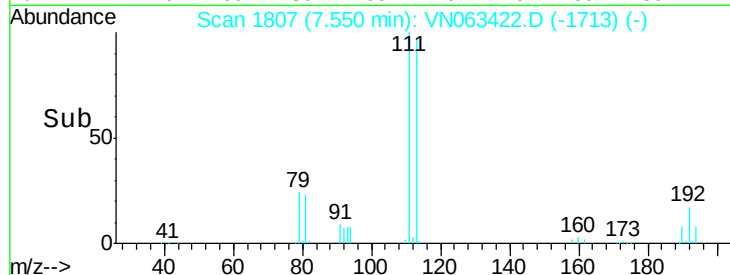
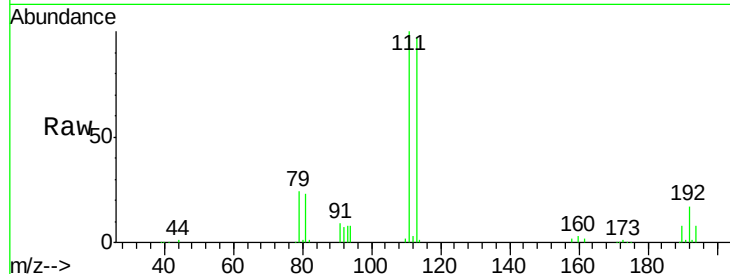
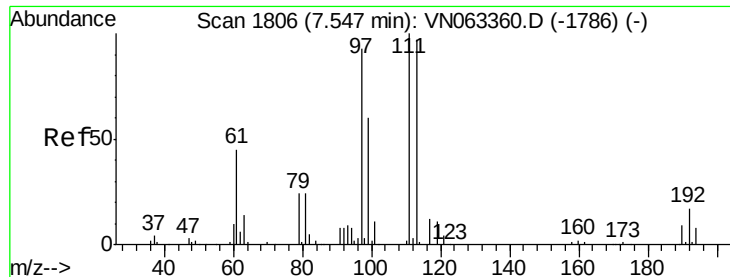
MMDadoda
 9/18/2020 2:45:09 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063422.D
 Acq: 17 Sep 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451058		
63	23.9	0.0	46.4	
88	17.8	0.0	33.2	





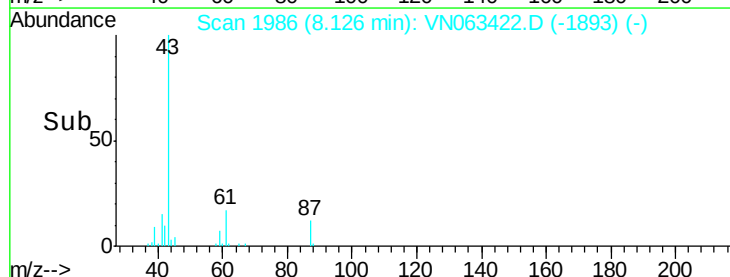
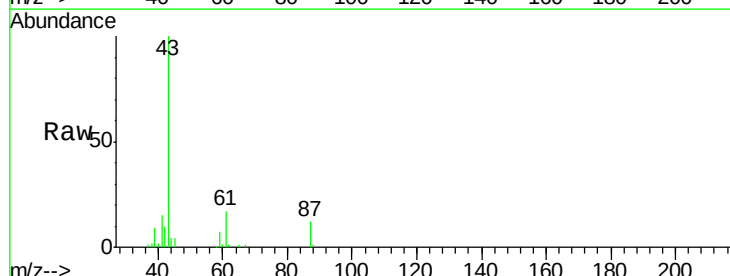
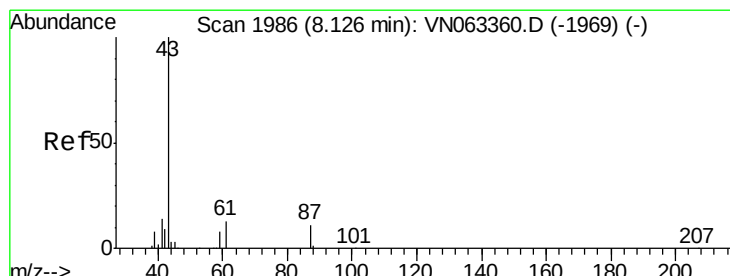
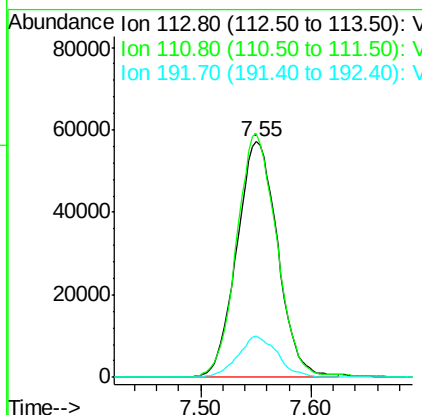
#35
Dibromofluoromethane
Concen: 46.989 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063422.D
Acq: 17 Sep 2020 16:25

Tot Ion:	113	Resp:	146726
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.9	124.3
192	17.0	13.9	20.9

Instrument :
MSVOA_N
ClientSampleId :
PAV-091620-DP

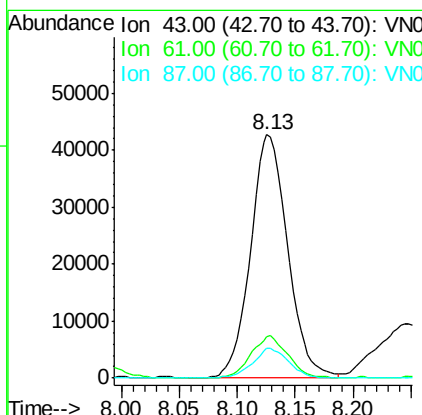
Manual Integrations
APPROVED

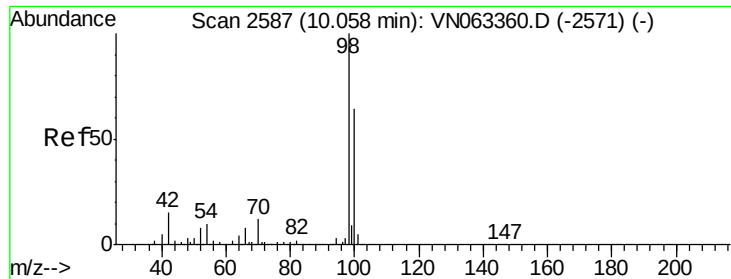
MMDadoda
9/18/2020 2:45:09 PM



#43
Isopropyl Acetate
Concen: 11.364 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063422.D
Acq: 17 Sep 2020 16:25

Tgt Ion:	43	Resp:	95831
Ion Ratio	Lower	Upper	
43	100		
61	17.2	14.2	21.2
87	12.0	9.0	13.6





#50

Toluene-d8

Concen: 49.709 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063422.D

Acq: 17 Sep 2020 16:25

Instrument :

MSVOA_N

ClientSampleId :

PAV-091620-DP

Tot Ion: 98 Resp: 583662

Ion Ratio Lower Upper

98 100

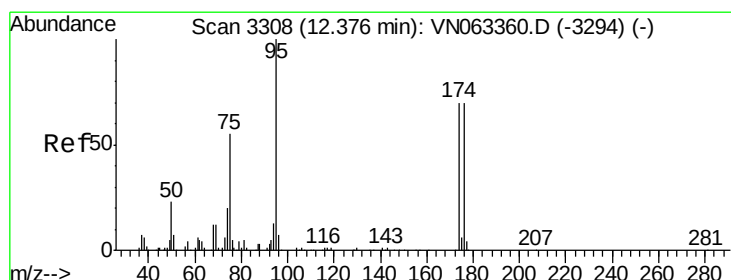
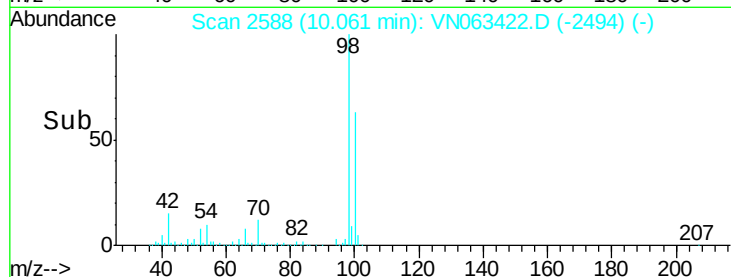
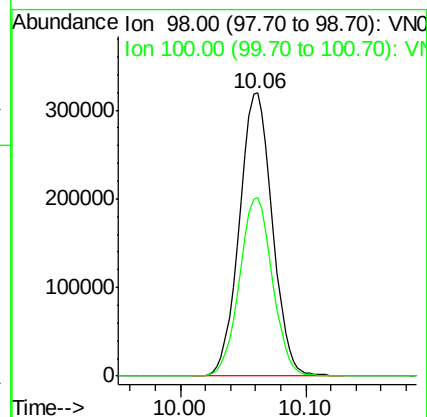
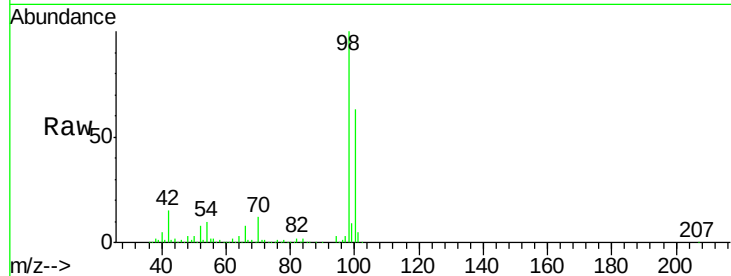
100 63.0 50.7 76.1

Manual Integrations

APPROVED

MMDadoda

9/18/2020 2:45:09 PM



#62

4-Bromofluorobenzene

Concen: 54.119 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063422.D

Acq: 17 Sep 2020 16:25

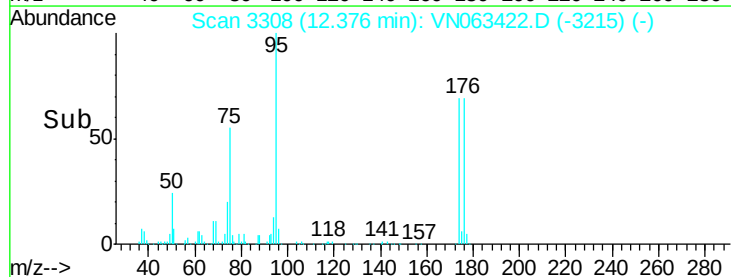
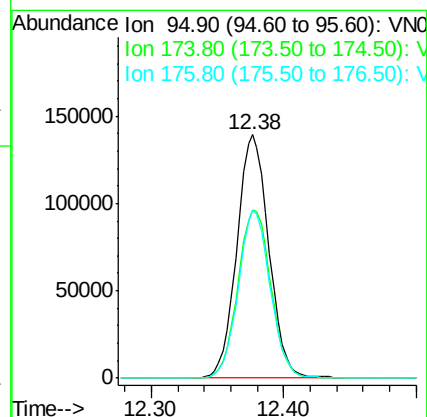
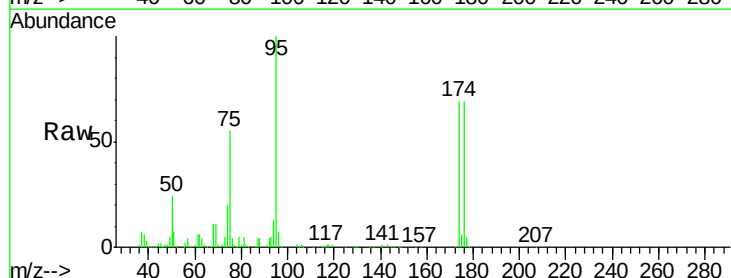
Tgt Ion: 95 Resp: 232940

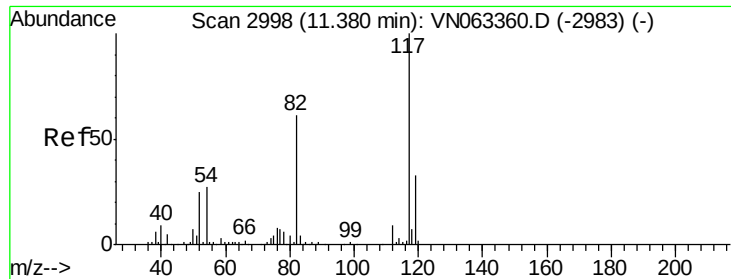
Ion Ratio Lower Upper

95 100

174 71.5 0.0 140.8

176 69.1 0.0 137.6





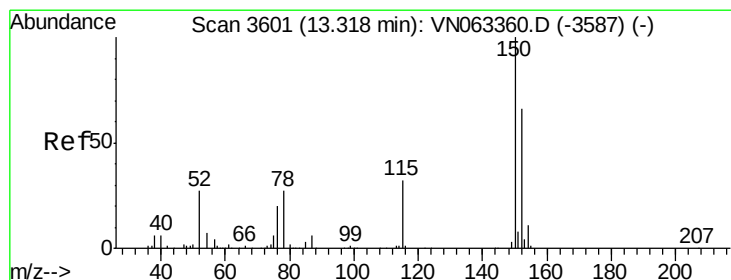
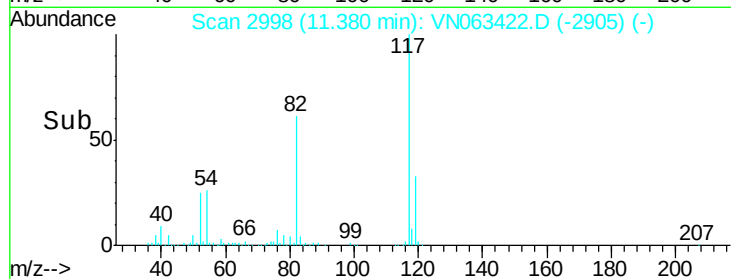
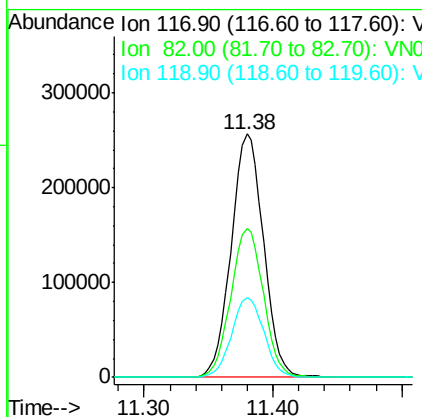
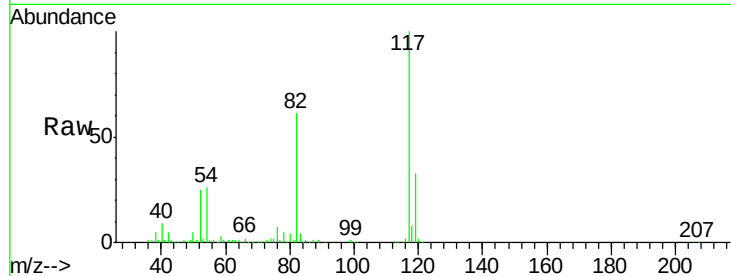
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063422.D
Acq: 17 Sep 2020 16:25

Instrument :
MSVOA_N
ClientSampleId :
PAV-091620-DP

Tot Ion	Ratio	Resp	Lower	Upper
117	100	448283		
82	61.2	49.2	73.8	
119	32.6	26.2	39.4	

Manual Integrations
APPROVED

MMDadoda
9/18/2020 2:45:09 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: VN063422.D
Acq: 17 Sep 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	196720		
115	62.4	32.2	96.6	
150	154.2	0.0	343.4	

