

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064072.D
 Acq On : 10 Oct 2020 6:25
 Operator : JC/MD
 Sample : PB132226ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132226ZHE#17

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:10:20 PM

Quant Time: Oct 10 08:15:16 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	199216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	178000	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
35) Dibromofluoromethane	7.55	113	130891	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.06	98	484463	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	179521	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
16) Acetone	3.79	43	5896m	5.820	ug/l	Qvalue
20) Methylene Chloride	4.51	84	6801	3.023	ug/l #	78

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

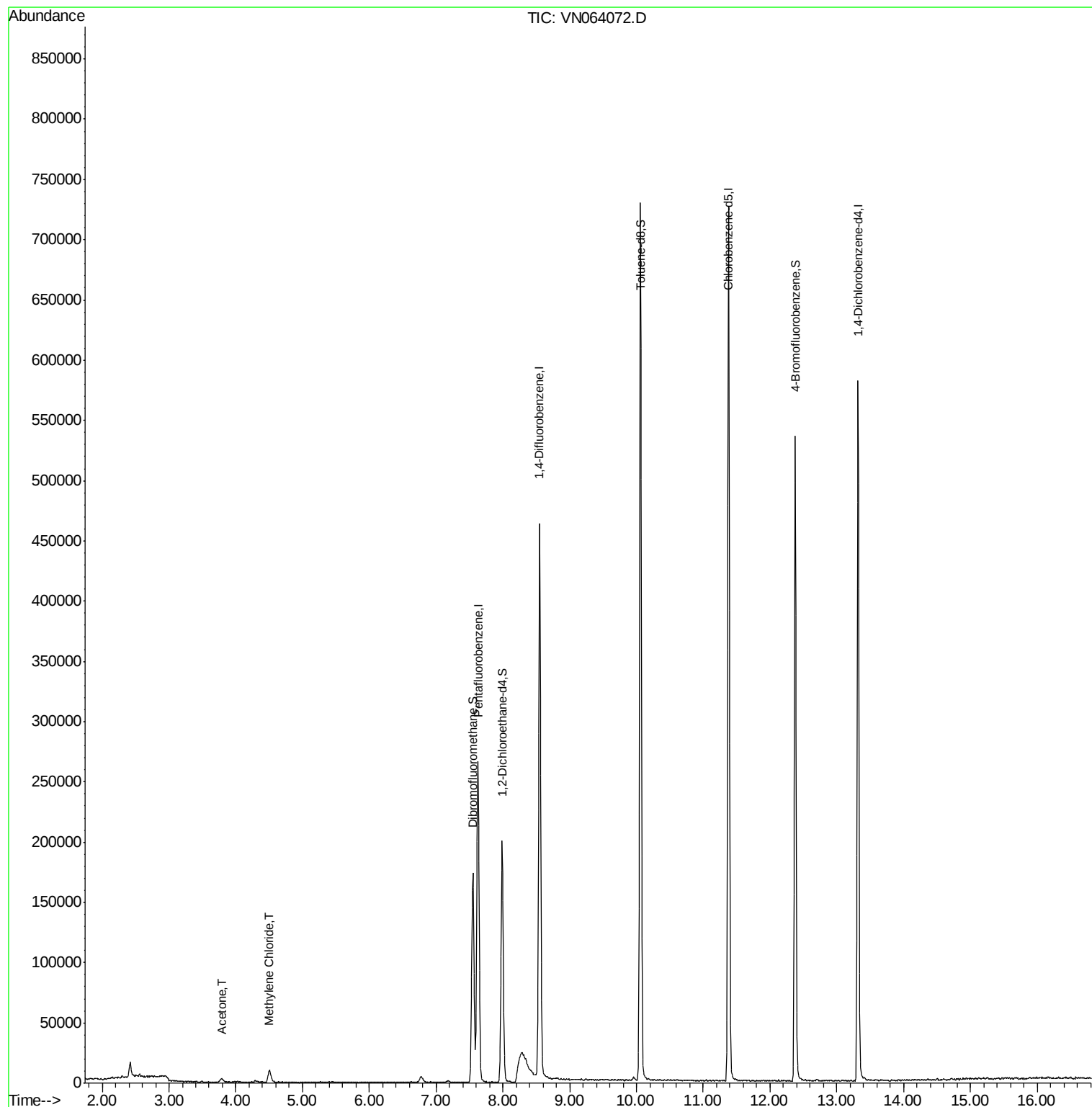
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
Data File : VN064072.D
Acq On : 10 Oct 2020 6:25
Operator : JC/MD
Sample : PB132226ZHE#17
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#17

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:10:20 PM

Quant Time: Oct 10 08:15:16 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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#17

Tot Ion:168 Resp: 199216

Ion Ratio Lower Upper

168 100

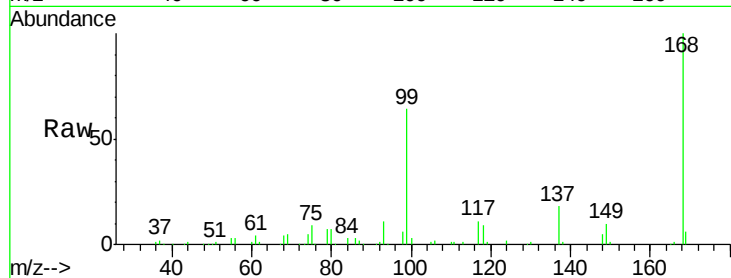
99 64.4 51.8 77.6

Manual Integrations

APPROVED

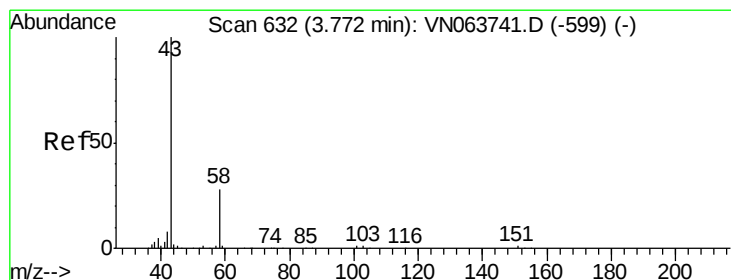
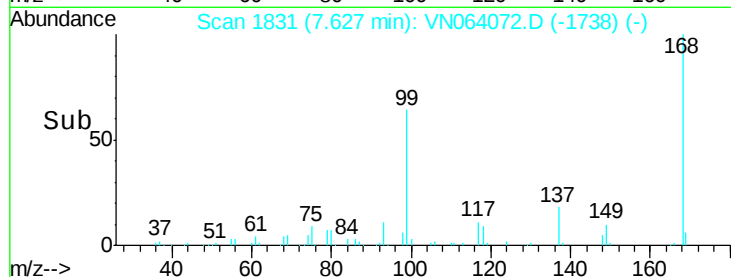
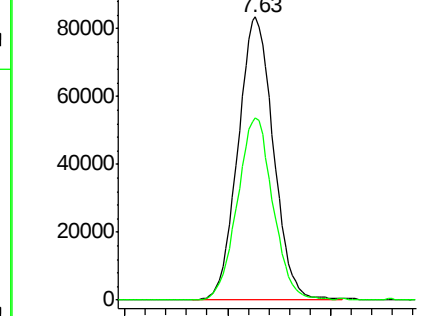
MMDadoda

10/12/2020 2:10:20 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.820 ug/l m

RT: 3.79 min Scan# 637

Delta R.T. 0.02 min

Lab File: VN064072.D

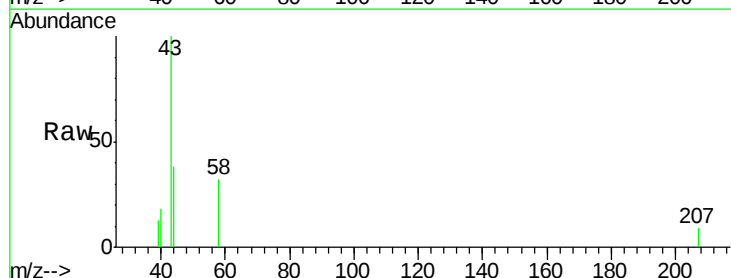
Acq: 10 Oct 2020 6:25

Tgt Ion: 43 Resp: 5896

Ion Ratio Lower Upper

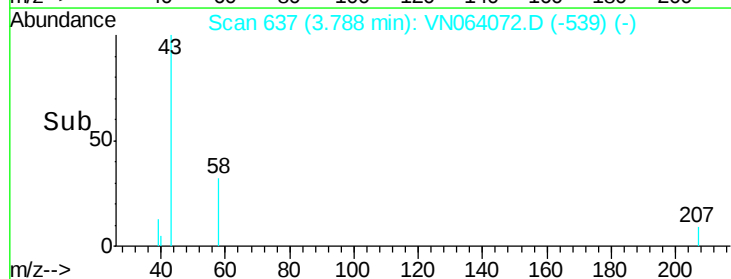
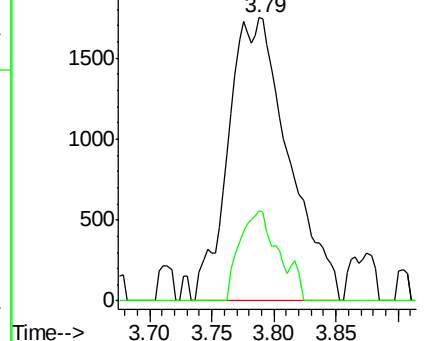
43 100

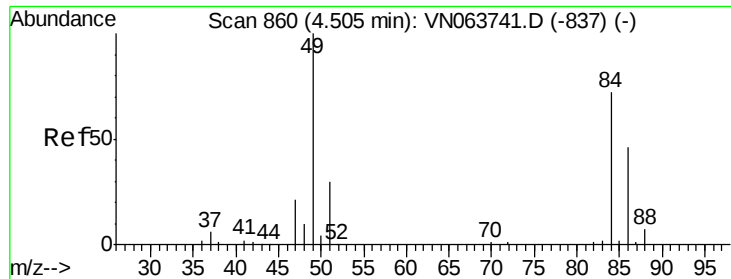
58 32.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





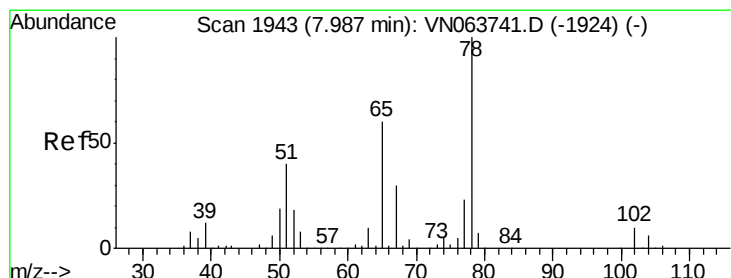
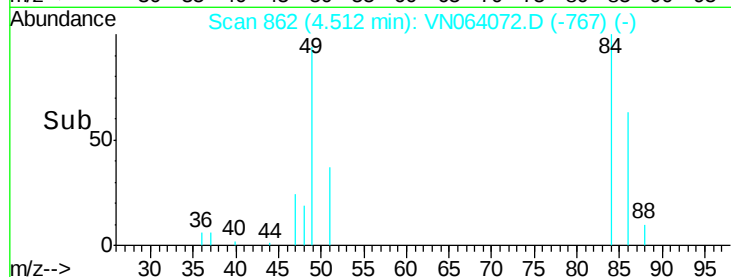
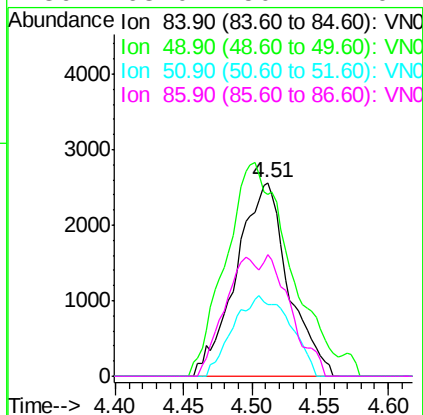
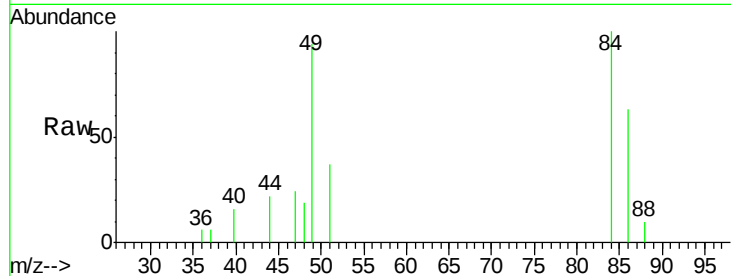
#20
Methvlene Chloride
Concen: 3.023 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064072.D
Acq: 10 Oct 2020 6:25

Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#17

Tot Ion: 84 Resp: 6801
Ion Ratio Lower Upper
84 100
49 94.1 110.4 165.6#
51 36.9 33.3 49.9
86 63.0 50.7 76.1

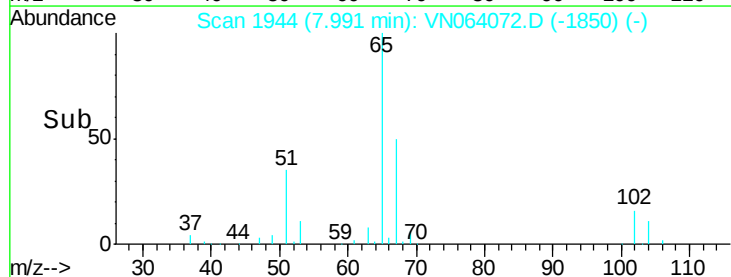
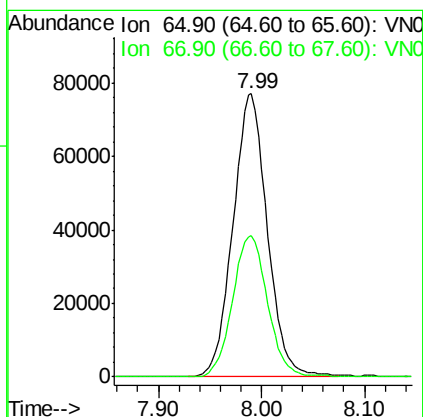
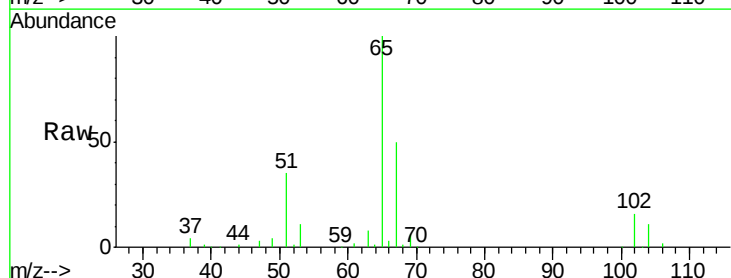
Manual Integrations
APPROVED

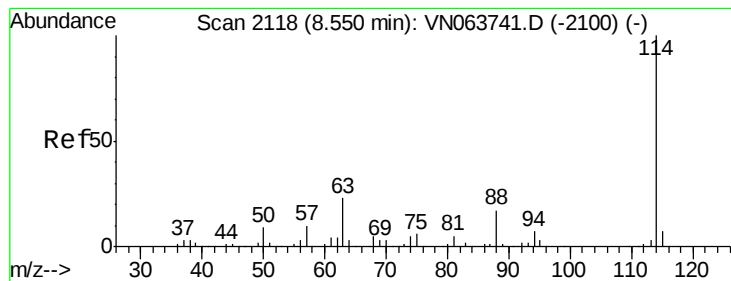
MMDadoda
10/12/2020 2:10:20 PM



#33
1,2-Dichloroethane-d4
Concen: 54.084 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064072.D
Acq: 10 Oct 2020 6:25

Tgt Ion: 65 Resp: 178000
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

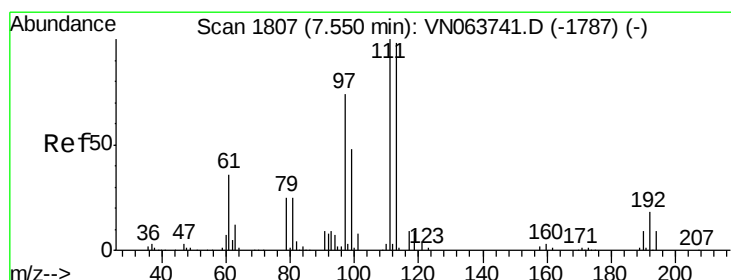
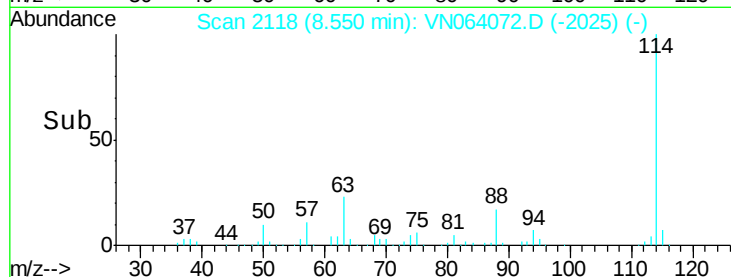
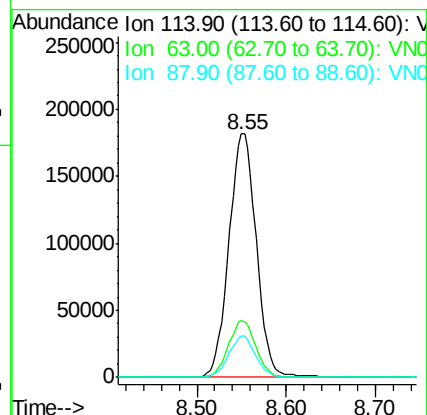
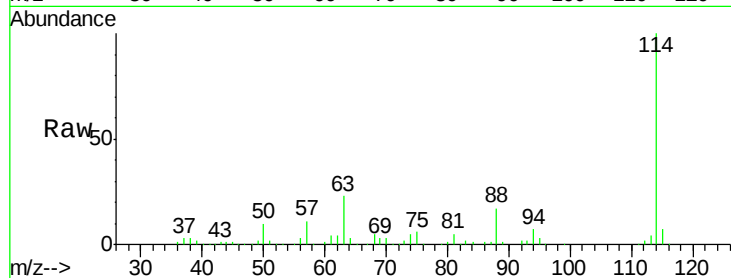
ClientSampleId :

PB132226ZHE#17

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.5	0.0	45.0
88	16.9	0.0	34.0

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:10:20 PM



#35

Dibromofluoromethane

Concen: 48.765 ug/l

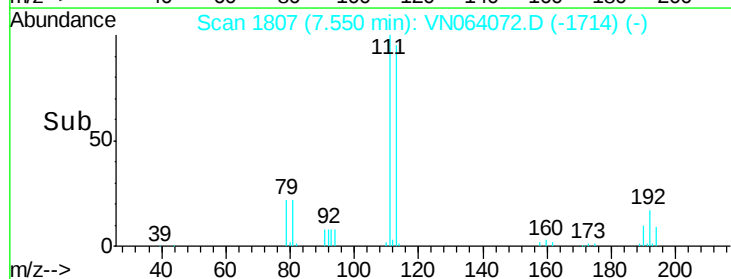
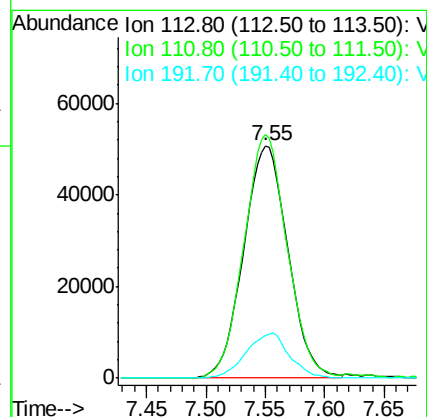
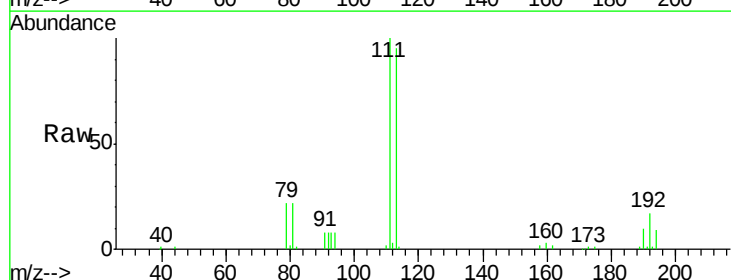
RT: 7.55 min Scan# 1807

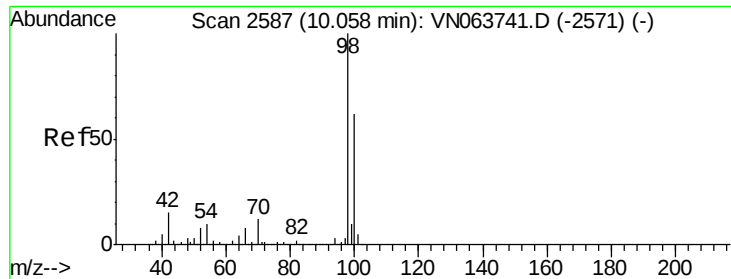
Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.2	81.8	122.8
192	18.9	14.2	21.2





#50

Toluene-d8

Concen: 47.613 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

Instrument :

MSVOA_N

ClientSampleId :

PB132226ZHE#17

Tot Ion: 98 Resp: 484463

Ion Ratio Lower Upper

98 100

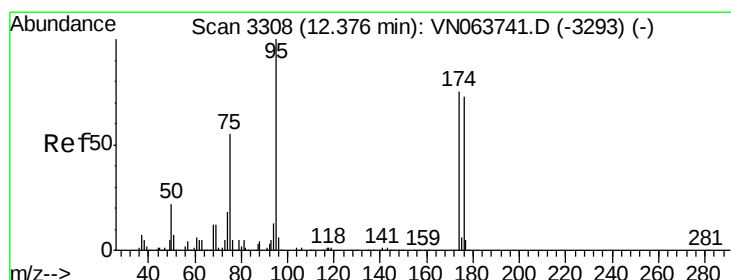
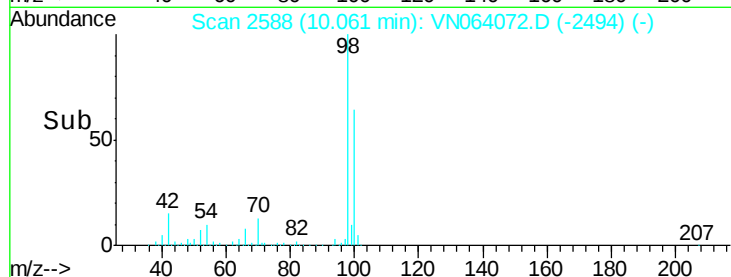
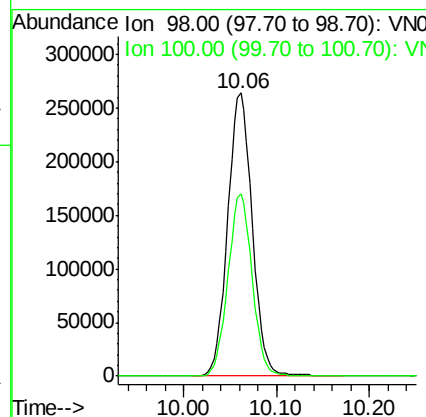
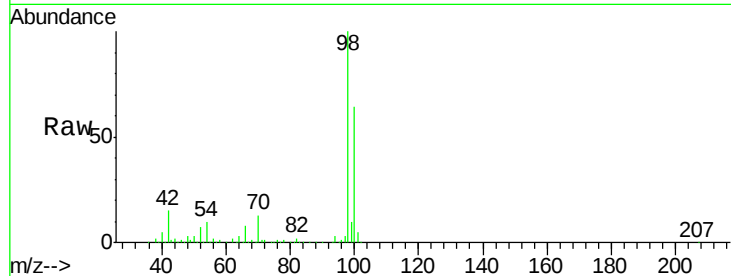
100 63.5 49.8 74.6

Manual Integrations

APPROVED

MMDadoda

10/12/2020 2:10:20 PM



#62

4-Bromofluorobenzene

Concen: 46.935 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064072.D

Acq: 10 Oct 2020 6:25

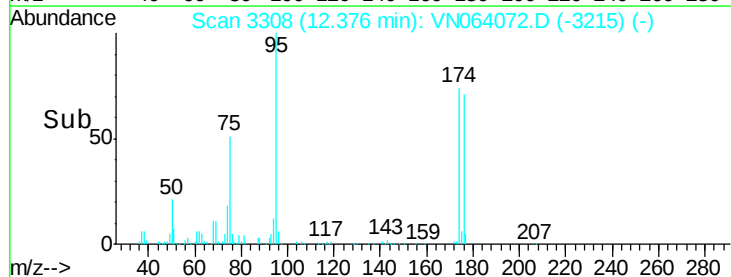
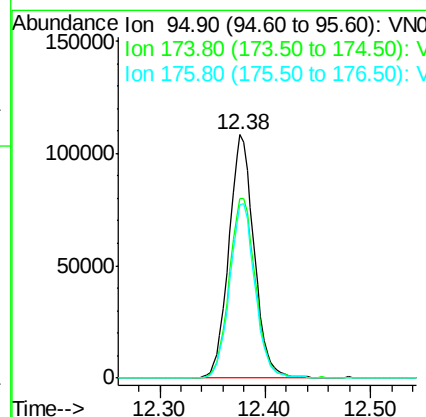
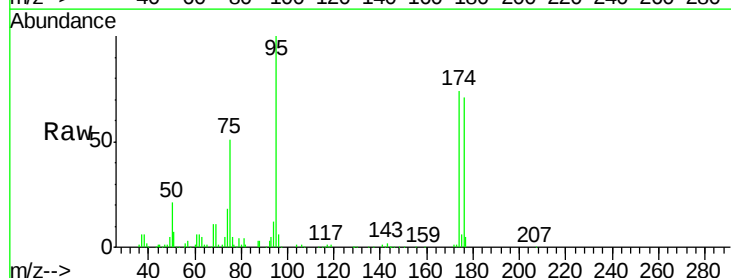
Tgt Ion: 95 Resp: 179521

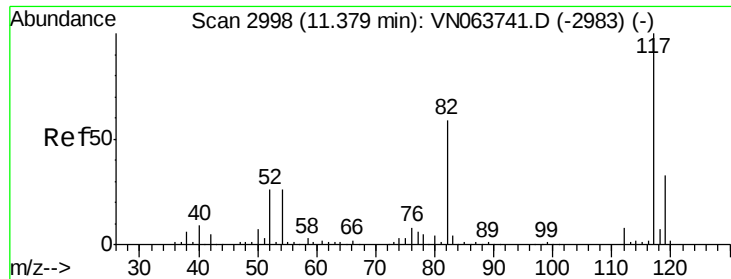
Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.6

176 71.9 0.0 145.4





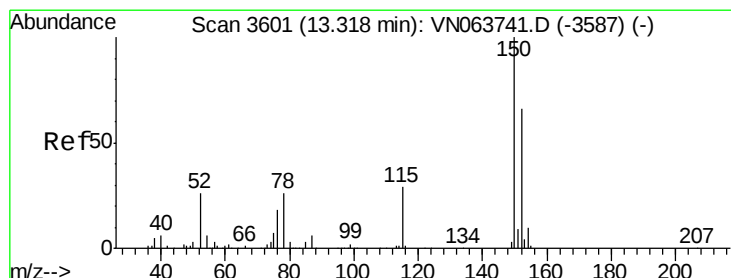
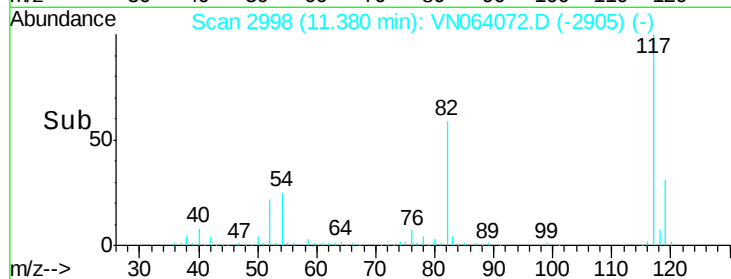
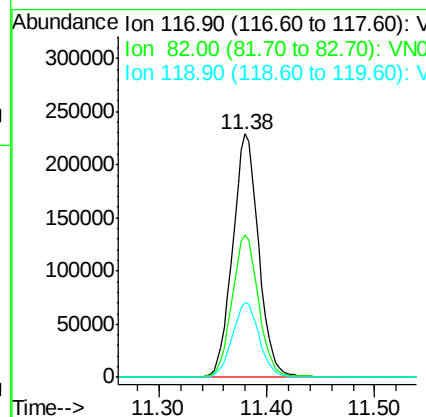
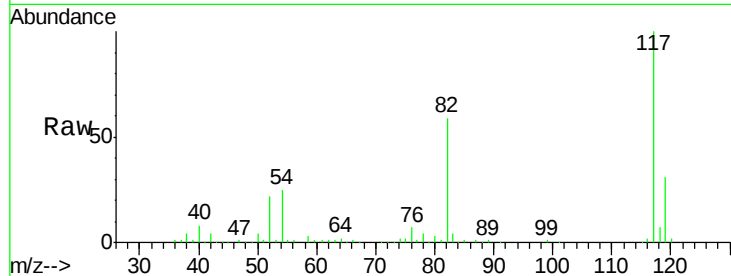
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064072.D
Acq: 10 Oct 2020 6:25

Instrument :
MSVOA_N
ClientSampleId :
PB132226ZHE#17

Tot Ion	Ratio	Resp	Lower	Upper
117	100	386988		
82	58.6	47.4	71.2	
119	30.6	26.4	39.6	

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:10:20 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: VN064072.D
Acq: 10 Oct 2020 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	145239		
115	64.6	31.3	93.8	
150	159.0	0.0	341.8	

