

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
 Data File : VN064272.D
 Acq On : 23 Oct 2020 00:00
 Operator : JC/MD
 Sample : L4221-10
 Misc : 7.43g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-102020ME

Quant Time: Oct 23 03:39:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

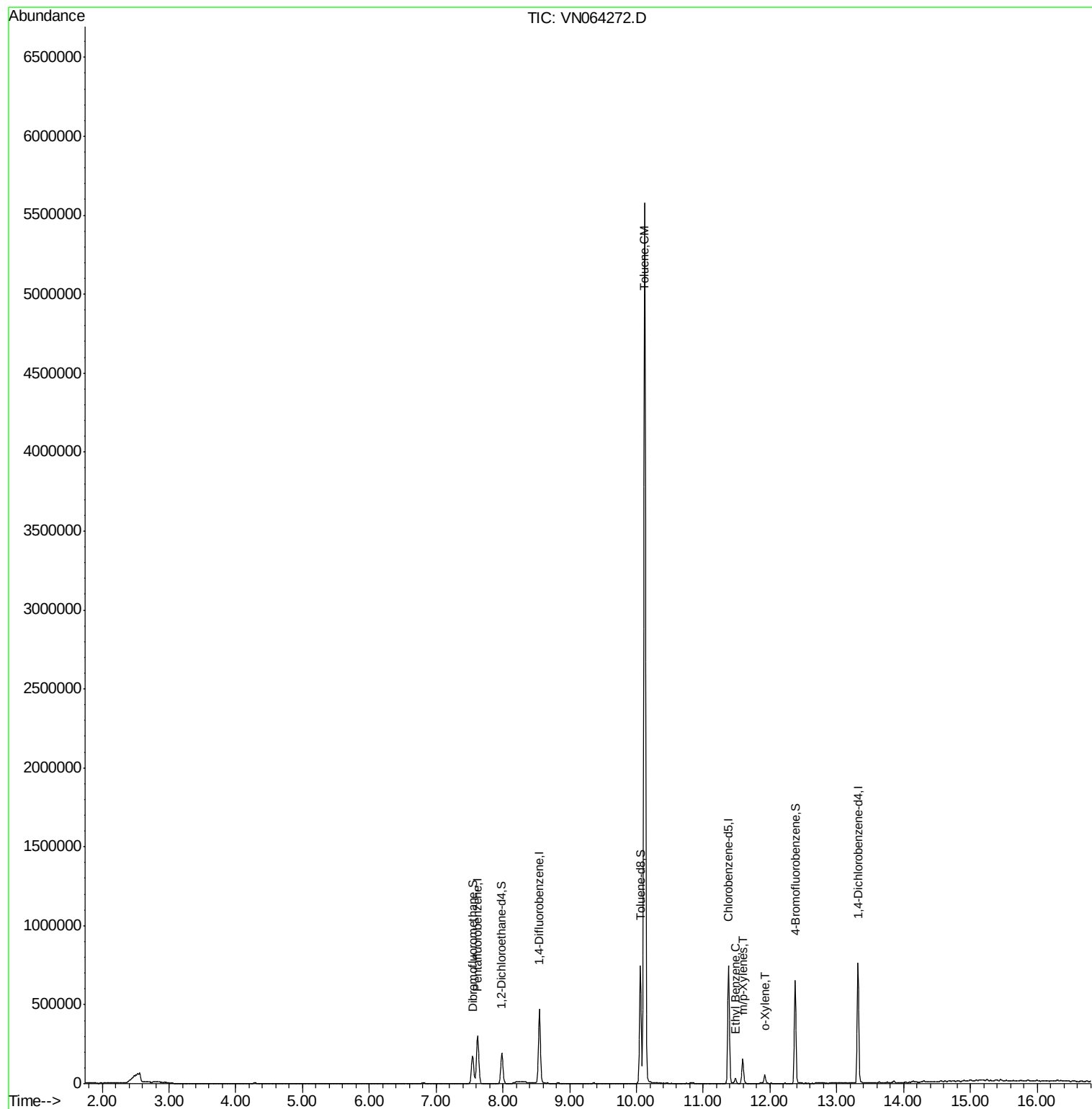
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	228362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	399967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	400329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	177144	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.55	113	134371	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.06	98	501193	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.38	95	228307	58.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.76%	
Target Compounds						
52) Toluene	10.12	92	2437030	346.019	ug/l	98
67) Ethyl Benzene	11.48	91	20490	1.345	ug/l	95
68) m/p-Xylenes	11.59	106	47251	8.374	ug/l	99
69) o-Xylene	11.92	106	14638	2.682	ug/l	96

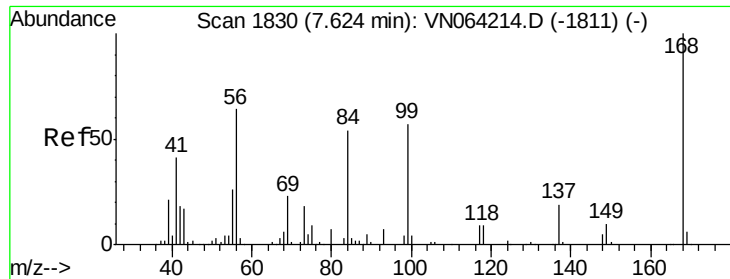
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 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: VN064272.D

Acq: 23 Oct 2020 00:00

Instrument :

MSVOA_N

ClientSampleId :

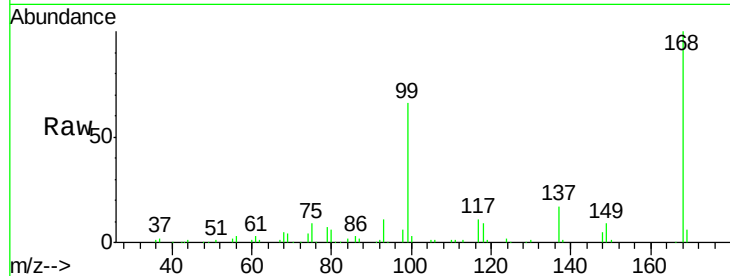
OK-03-102020ME

Tot Ion:168 Resp: 228362

Ion Ratio Lower Upper

168 100

99 65.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

60000

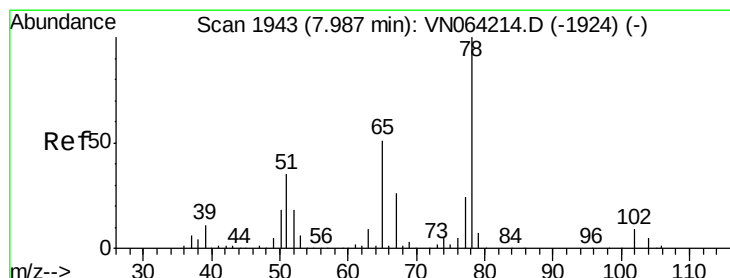
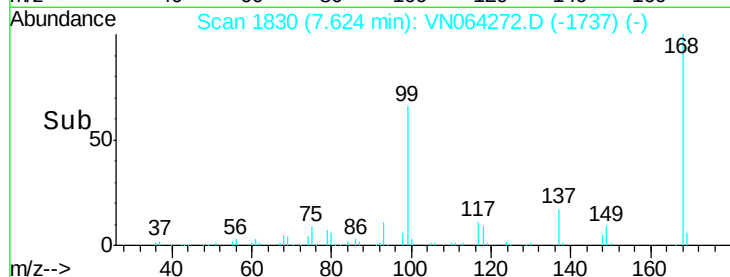
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.234 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064272.D

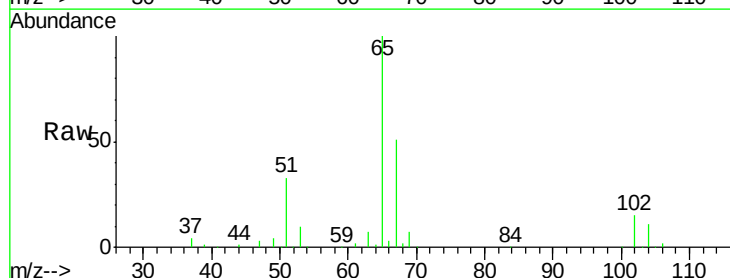
Acq: 23 Oct 2020 00:00

Tgt Ion: 65 Resp: 177144

Ion Ratio Lower Upper

65 100

67 49.2 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.98

80000

60000

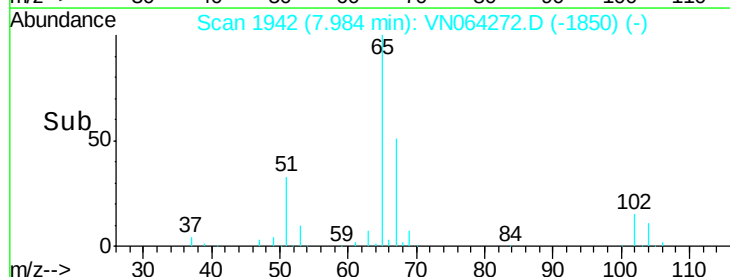
40000

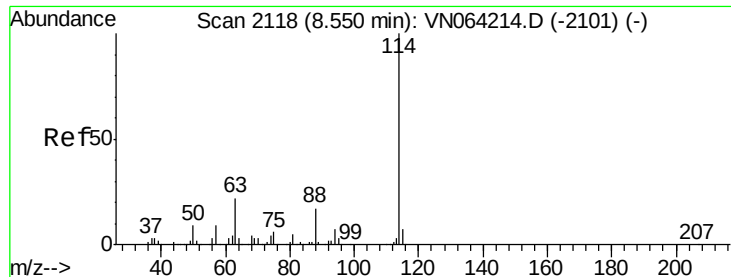
20000

0

Time-->

7.90 8.00 8.10

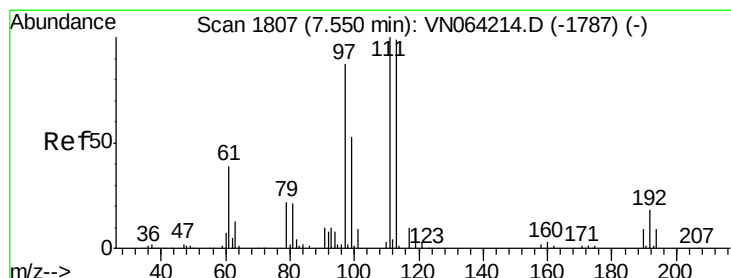
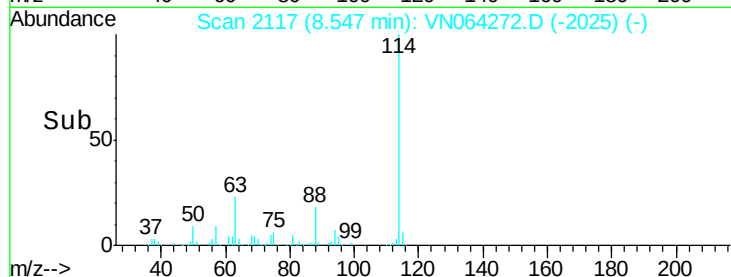
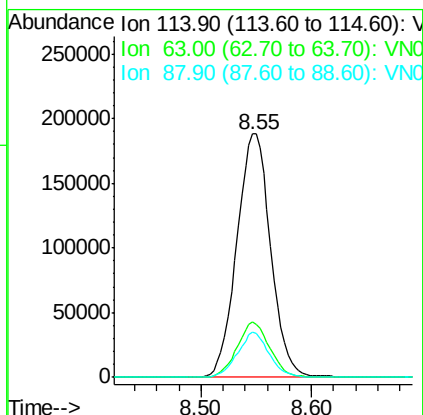
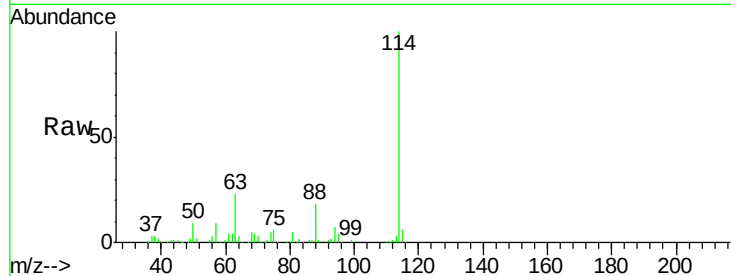




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064272.D
 Acq: 23 Oct 2020 00:00

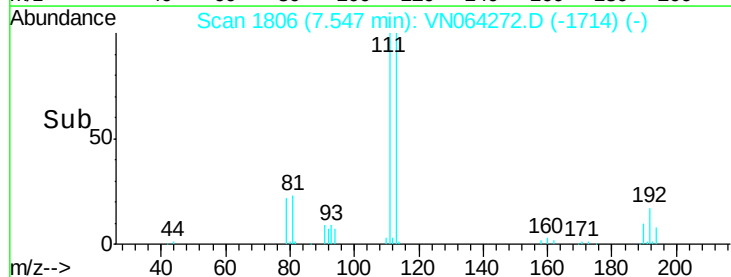
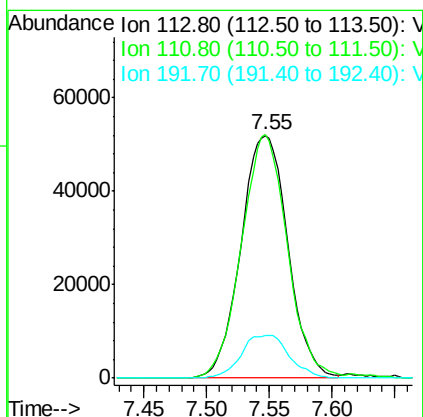
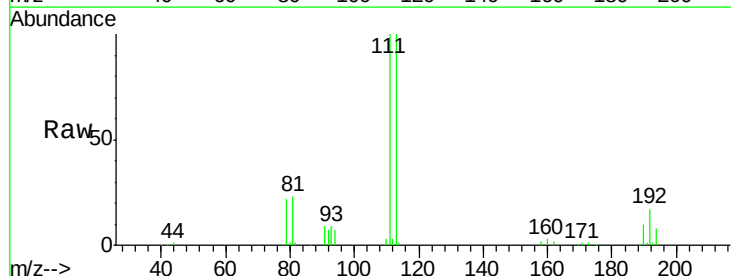
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-102020ME

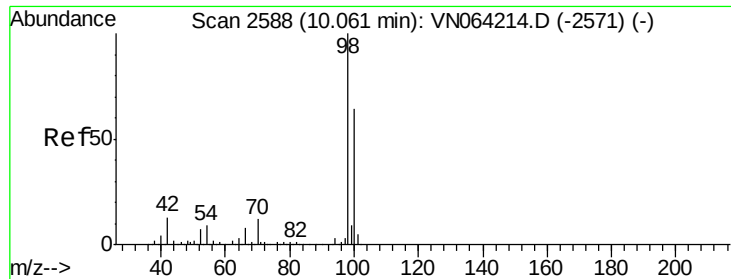
Tot Ion:	114	Resp:	399967
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.0
88	18.3	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 50.531 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064272.D
 Acq: 23 Oct 2020 00:00

Tgt Ion:	113	Resp:	134371
Ion	Ratio	Lower	Upper
113	100		
111	98.2	84.2	126.2
192	18.2	15.2	22.8





#50

Toluene-d8

Concen: 51.958 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064272.D

Acq: 23 Oct 2020 00:00

Instrument :

MSVOA_N

ClientSampleId :

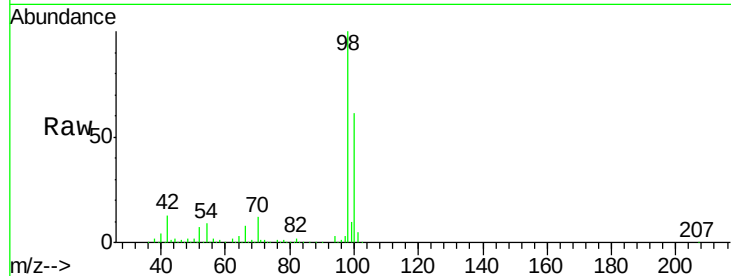
OK-03-102020ME

Tot Ion: 98 Resp: 501193

Ion Ratio Lower Upper

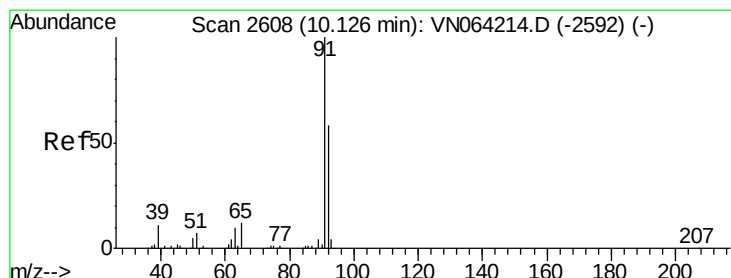
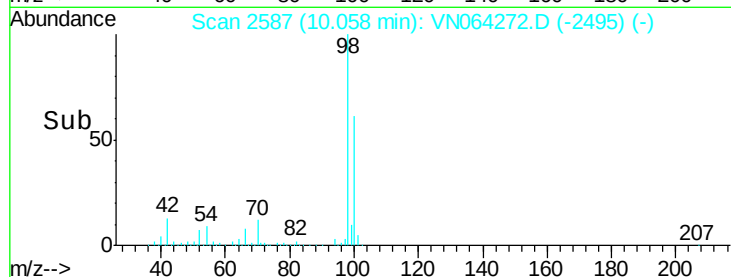
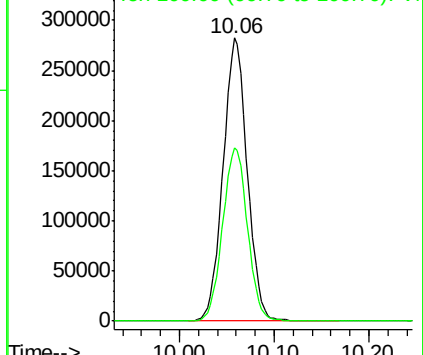
98 100

100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 346.019 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064272.D

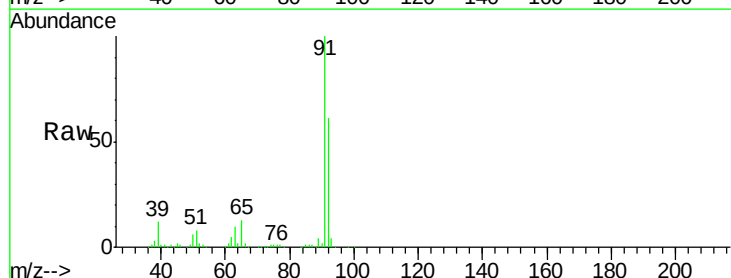
Acq: 23 Oct 2020 00:00

Tgt Ion: 92 Resp: 2437030

Ion Ratio Lower Upper

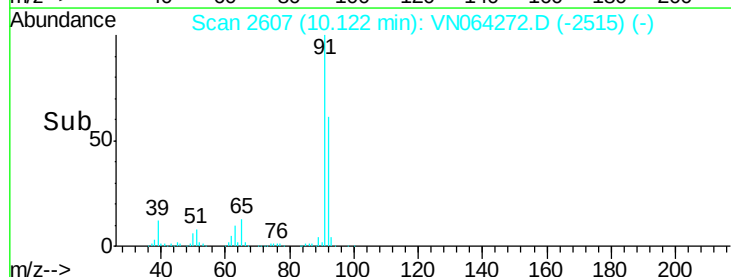
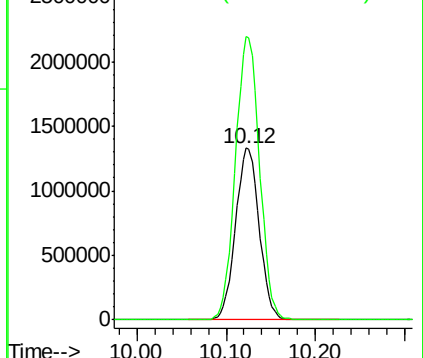
92 100

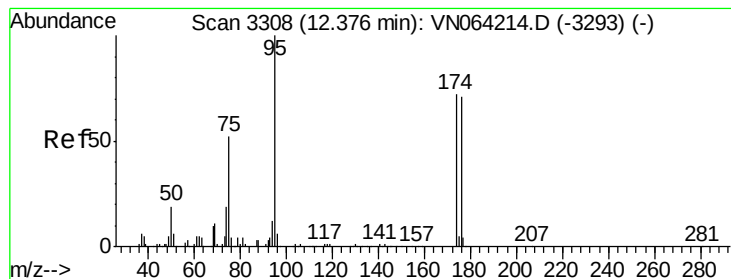
91 168.5 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: 58.383 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064272.D

Acq: 23 Oct 2020 00:00

Instrument :

MSVOA_N

ClientSampleId :

OK-03-102020ME

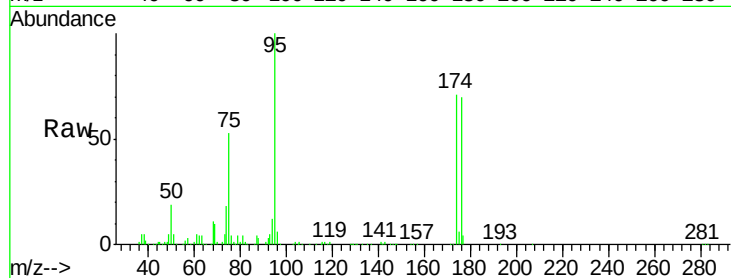
Tot Ion: 95 Resp: 228307

Ion Ratio Lower Upper

95 100

174 72.3 0.0 144.4

176 69.6 0.0 139.2

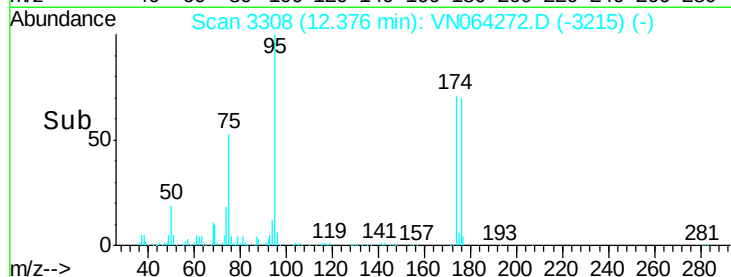


Abundance Ion 94.90 (94.60 to 95.60): VN064214.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064214.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064214.D (-3293) (-)

Time-->

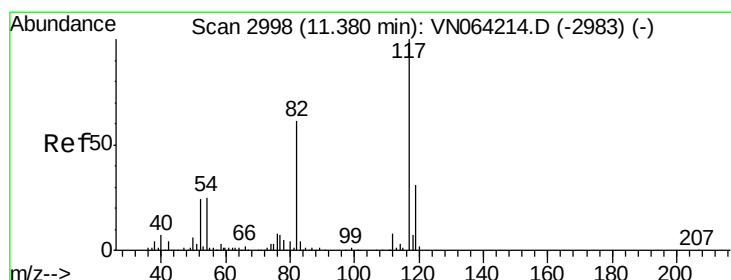


Abundance Ion 94.90 (94.60 to 95.60): VN064272.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064272.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064272.D (-3215) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064272.D

Acq: 23 Oct 2020 00:00

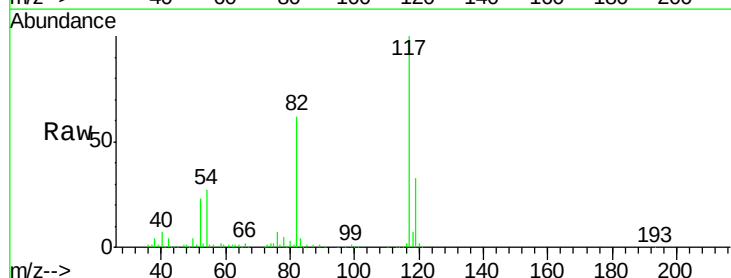
Tgt Ion: 117 Resp: 400329

Ion Ratio Lower Upper

117 100

82 61.9 48.8 73.2

119 32.7 24.7 37.1

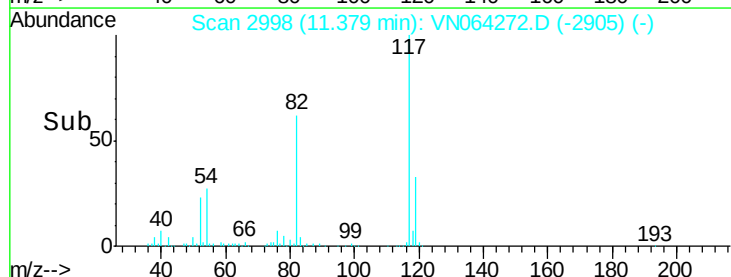


Abundance Ion 116.90 (116.60 to 117.60): VN064214.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064214.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064214.D (-2983) (-)

Time-->

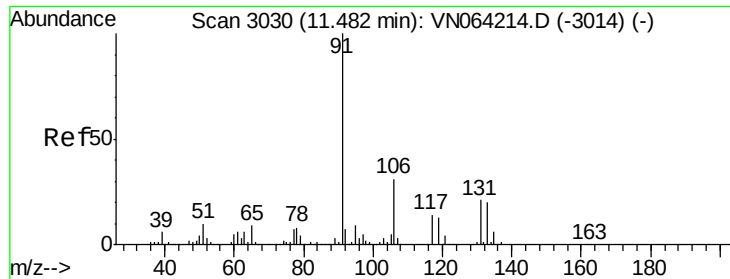


Abundance Ion 116.90 (116.60 to 117.60): VN064272.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064272.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064272.D (-2905) (-)

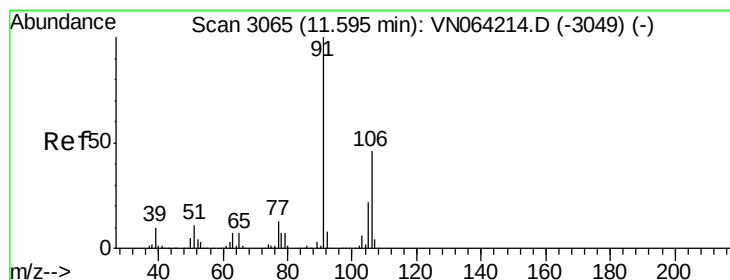
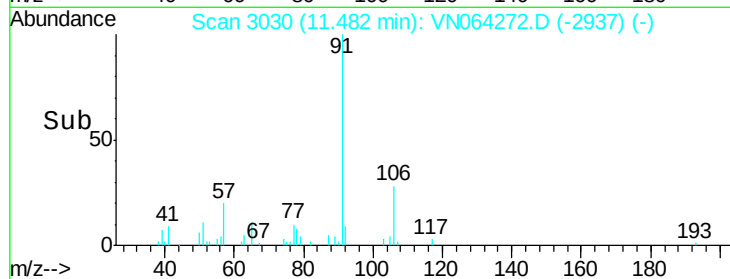
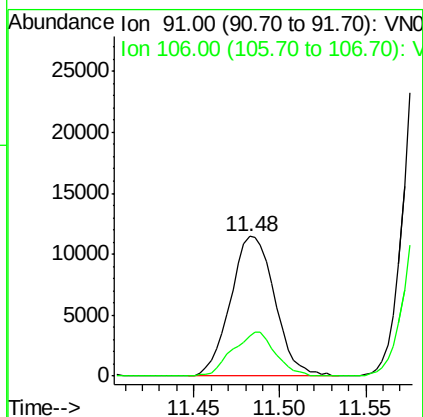
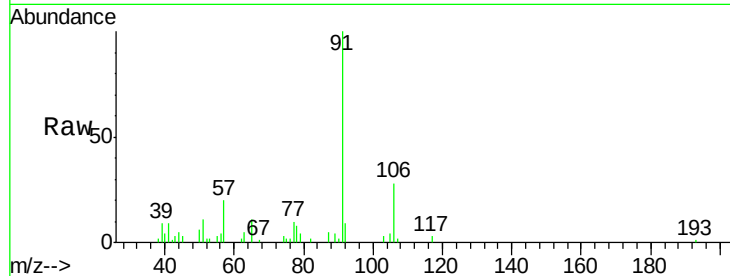
Time-->



#67
Ethyl Benzene
Concen: 1.345 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064272.D
Acq: 23 Oct 2020 00:00

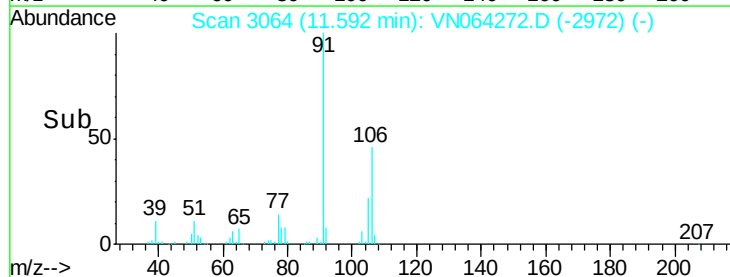
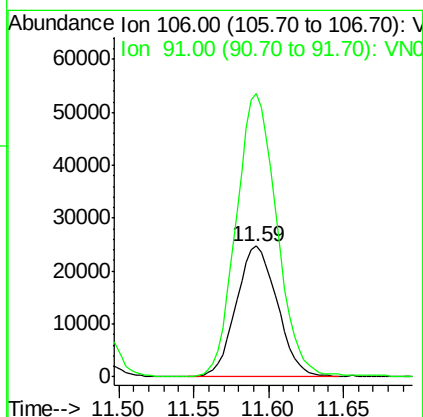
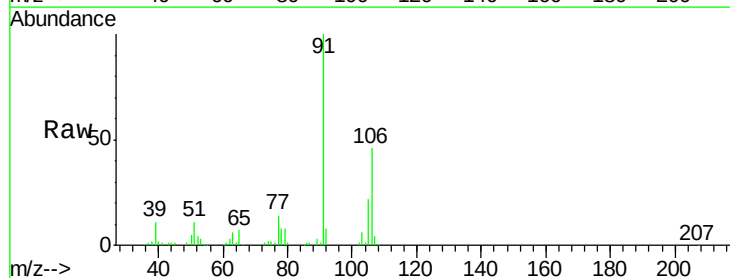
Instrument :
MSVOA_N
ClientSampled :
OK-03-102020ME

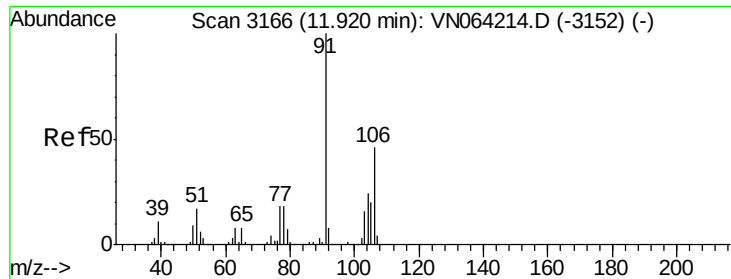
Tot Ion: 91 Resp: 20490
Ion Ratio Lower Upper
91 100
106 28.5 24.8 37.2



#68
m/p-Xylenes
Concen: 8.374 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064272.D
Acq: 23 Oct 2020 00:00

Tgt Ion: 106 Resp: 47251
Ion Ratio Lower Upper
106 100
91 213.5 172.2 258.2

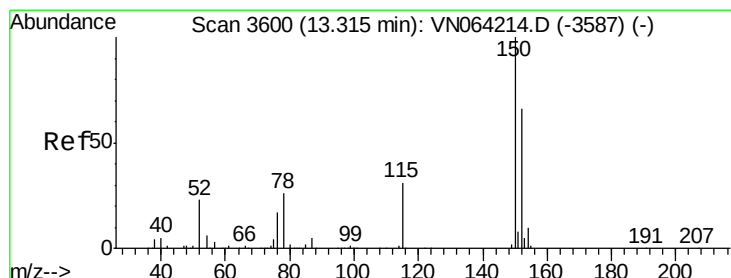
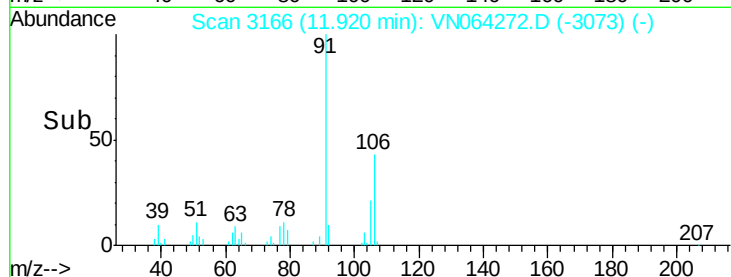
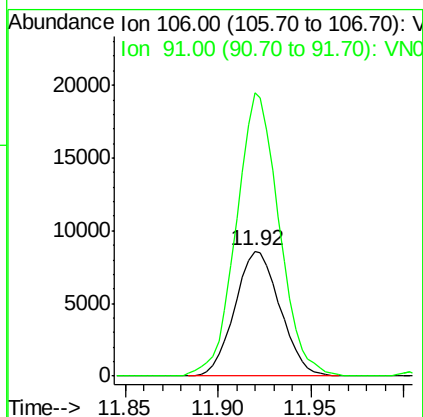
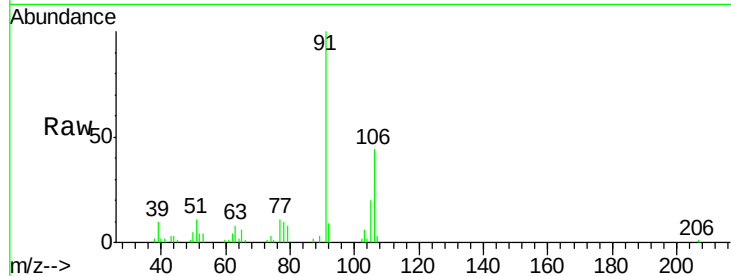




#69
o-Xylene
Concen: 2.682 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064272.D
Acq: 23 Oct 2020 00:00

Instrument :
MSVOA_N
ClientSampleId :
OK-03-102020ME

Tot Ion:106 Resp: 14638
Ion Ratio Lower Upper
106 100
91 213.7 109.9 329.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064272.D
Acq: 23 Oct 2020 00:00

Tgt Ion:152 Resp: 194893
Ion Ratio Lower Upper
152 100
115 63.4 32.0 96.2
150 155.4 0.0 356.6

