

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060288.D
 Acq On : 28 Feb 2020 16:34
 Operator : JC/MD
 Sample : L1363-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-022620

Quant Time: Feb 29 02:10:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

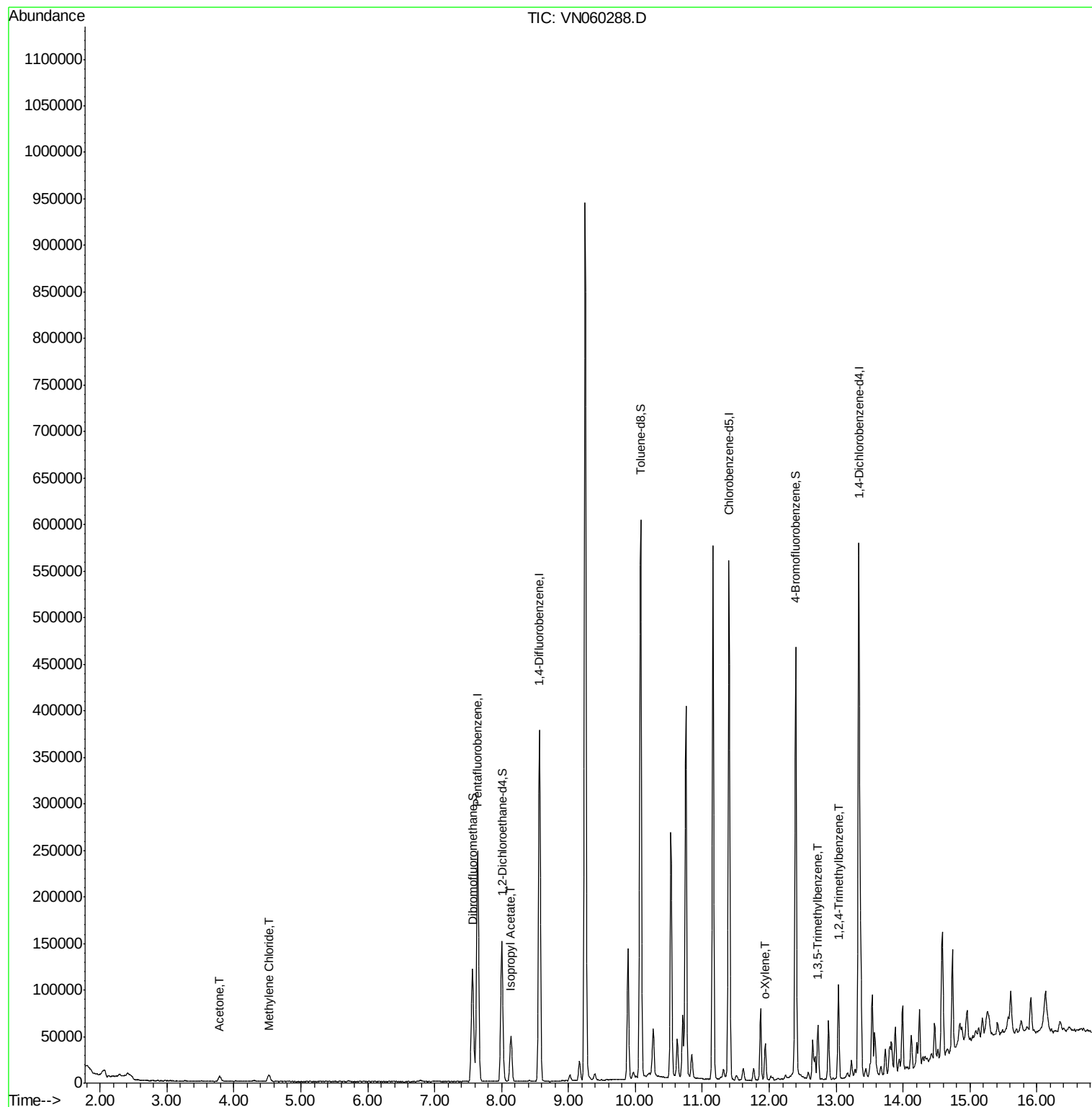
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	328672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130050	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	7.56	113	93084	61.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.04%	
50) Toluene-d8	10.08	98	406476	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.40	95	154644	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
Target Compounds						
16) Acetone	3.79	43	9862	11.788	ug/l	98
20) Methylene Chloride	4.52	84	5566	2.422	ug/l	91
43) Isopropyl Acetate	8.14	43	58563	11.278	ug/l #	91
69) o-Xylene	11.94	106	10343	2.500	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	30742	3.248	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	56581	5.923	ug/l	99

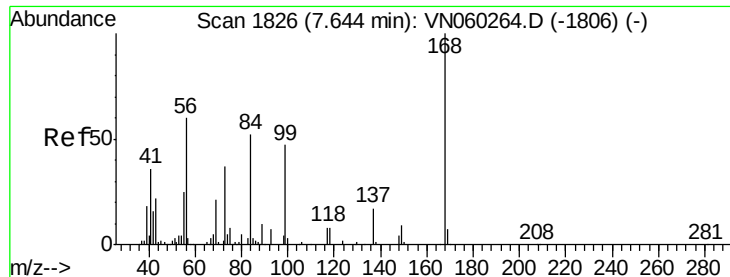
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022820\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

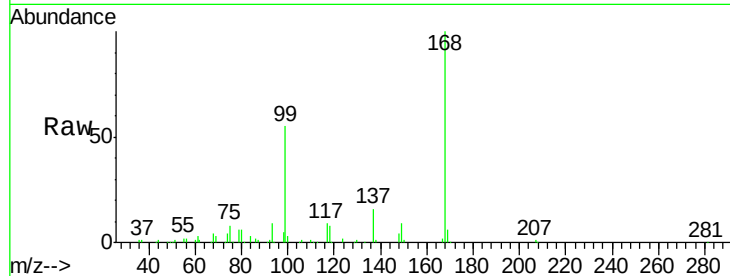
HR-05-022620

Tot Ion:168 Resp: 201925

Ion Ratio Lower Upper

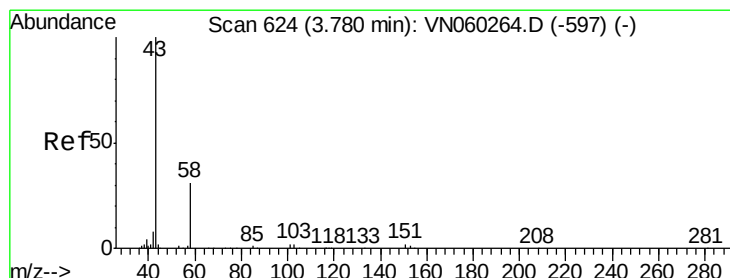
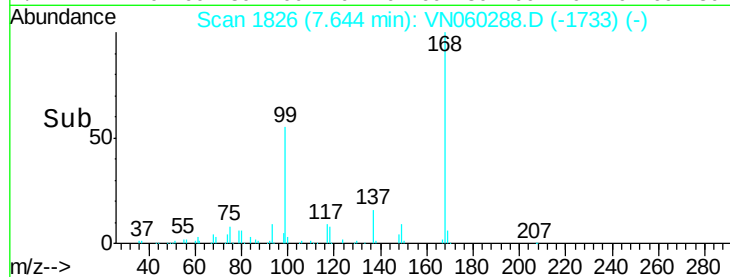
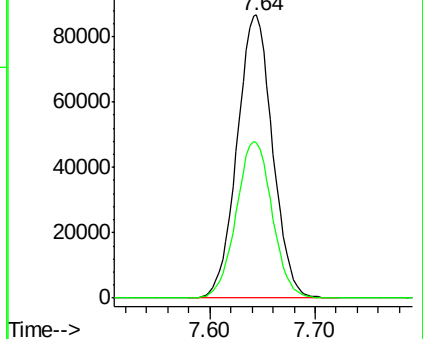
168 100

99 55.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 11.788 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060288.D

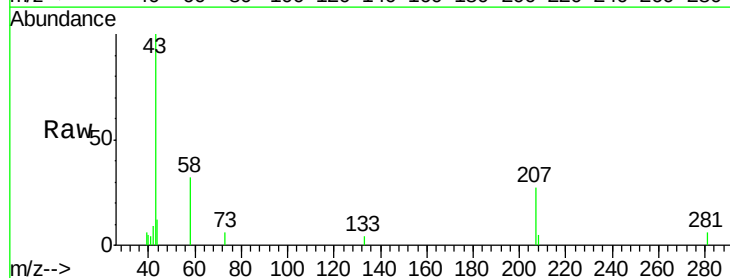
Acq: 28 Feb 2020 16:34

Tgt Ion: 43 Resp: 9862

Ion Ratio Lower Upper

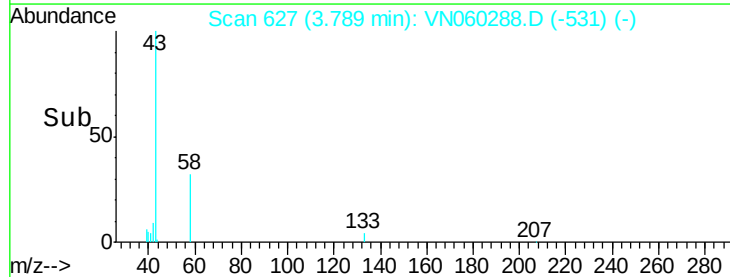
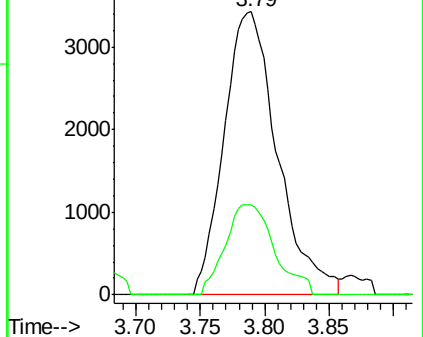
43 100

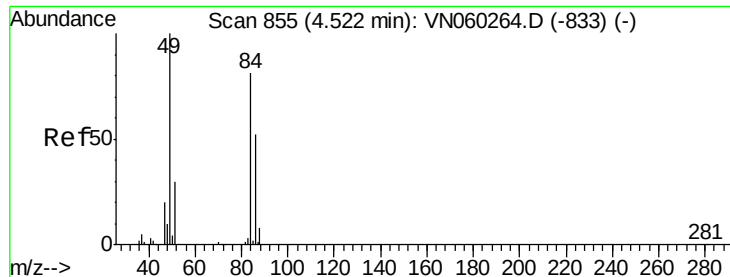
58 31.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

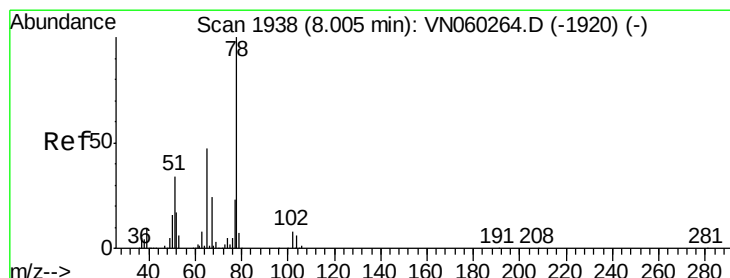
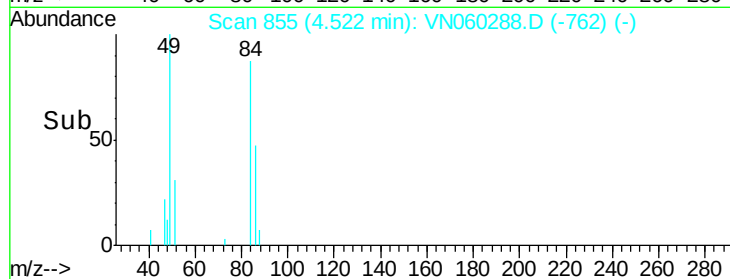
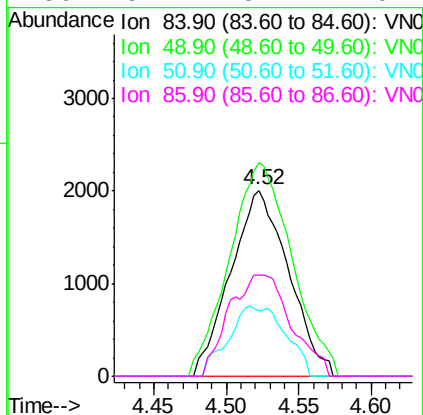
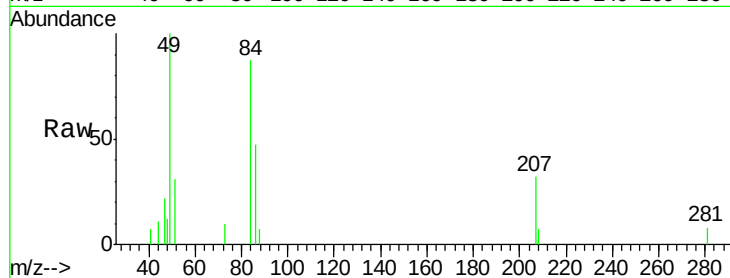




#20
Methylene Chloride
Concen: 2.422 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

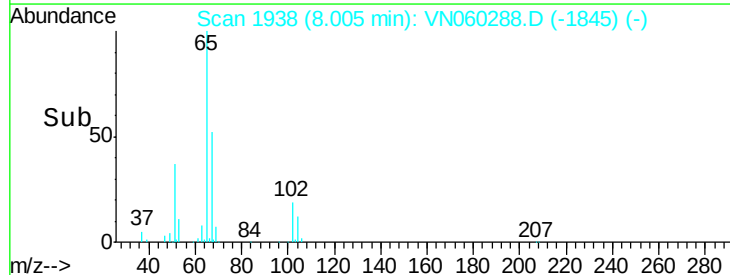
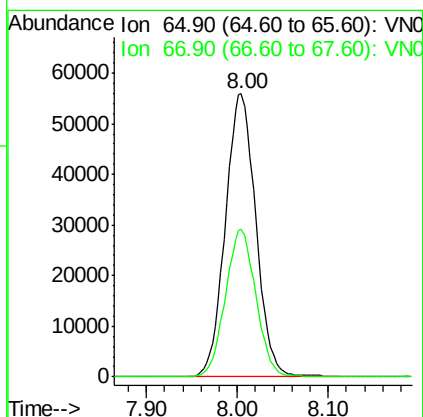
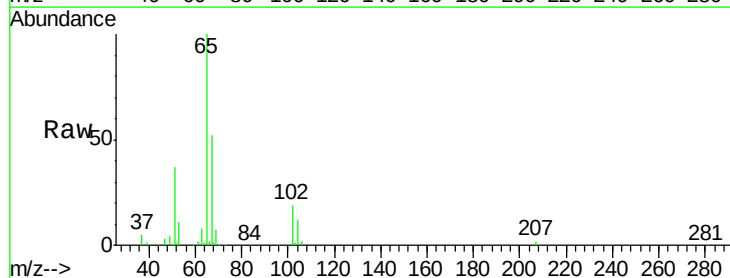
Instrument :
MSVOA_N
ClientSampleId :
HR-05-022620

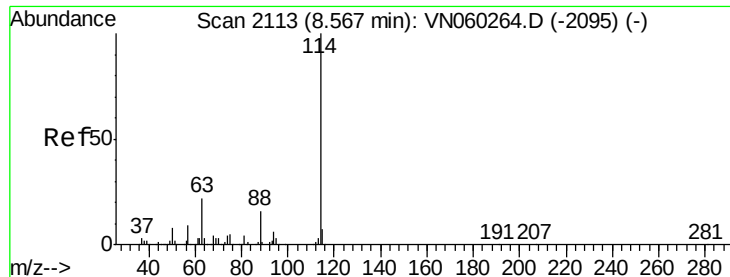
Tot Ion:	84	Resp:	5566
Ion	Ratio	Lower	Upper
84	100		
49	114.8	99.3	148.9
51	35.2	30.1	45.1
86	54.4	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.198 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion:	65	Resp:	130050
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.8

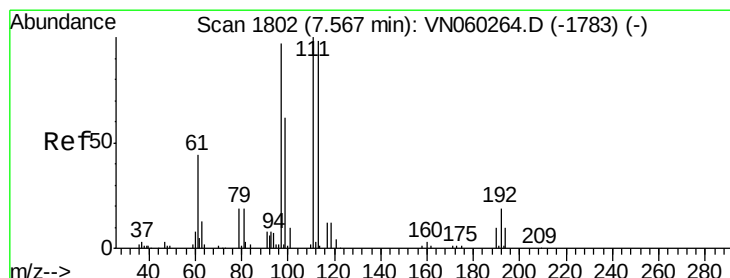
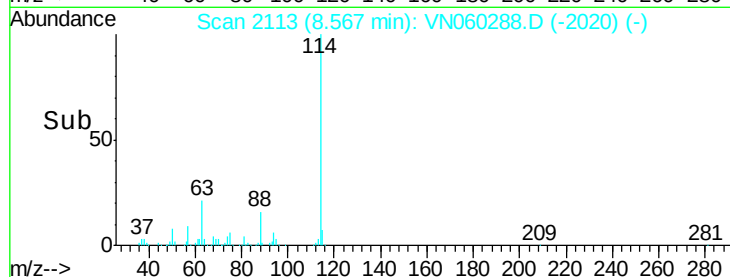
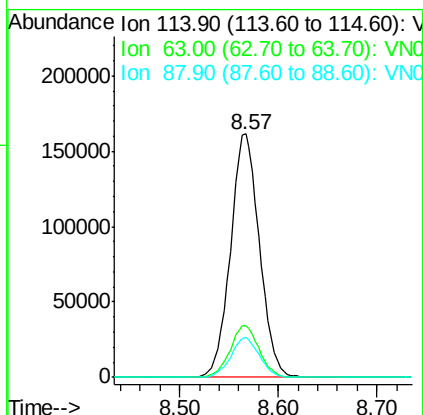
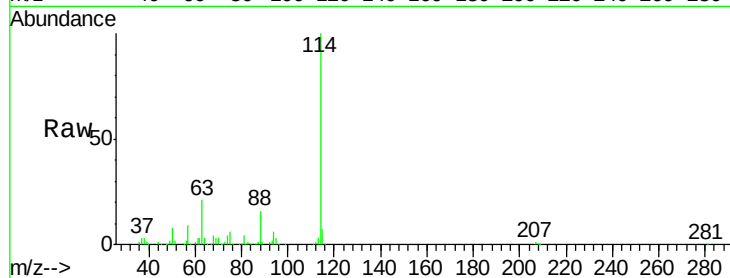




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

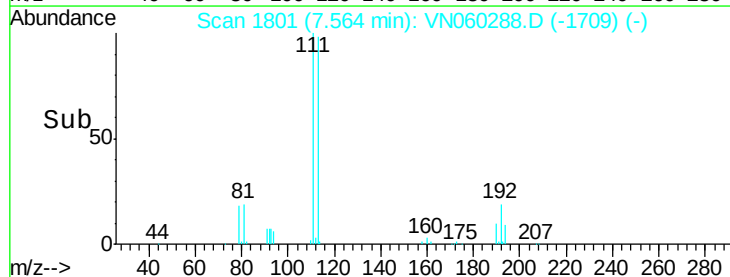
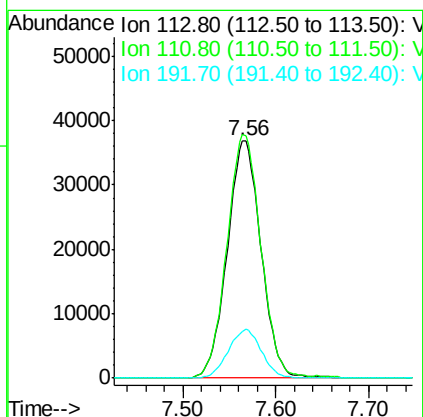
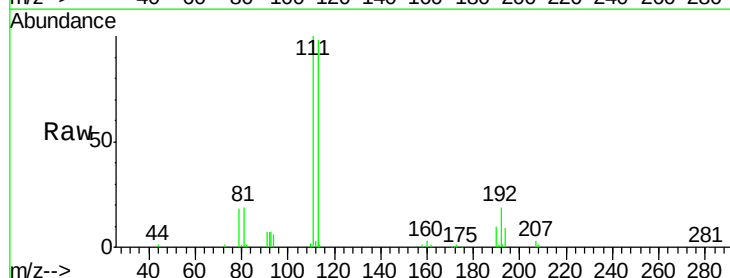
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-022620

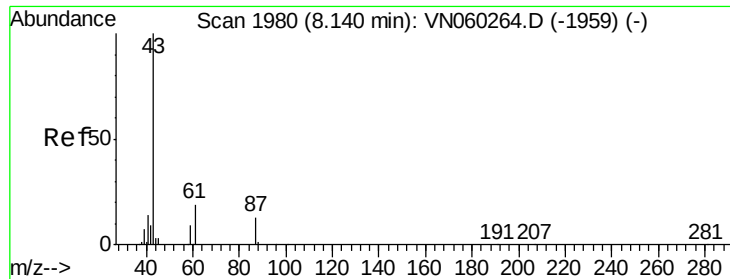
Tot Ion:114 Resp: 328672
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.2 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 61.015 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Tgt Ion:113 Resp: 93084
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 20.2 16.2 24.2





#43

Isopropyl Acetate

Concen: 11.278 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

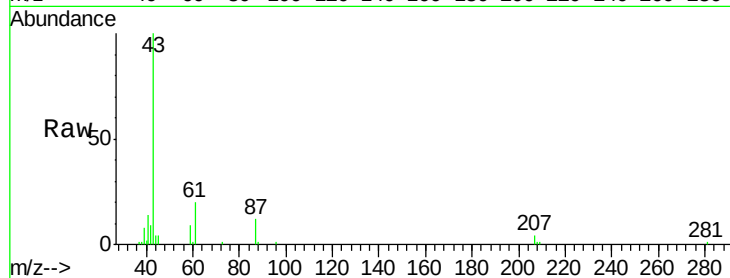
MSVOA_N

ClientSampleId :

HR-05-022620

Tot Ion: 43 Resp: 58563

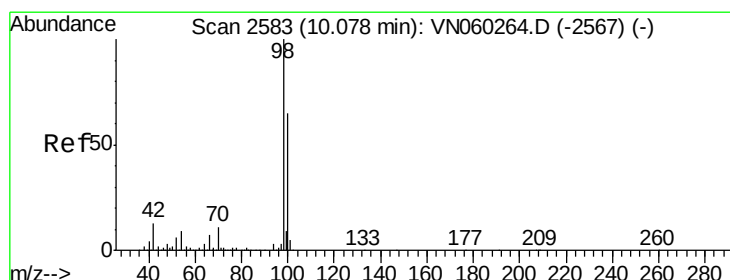
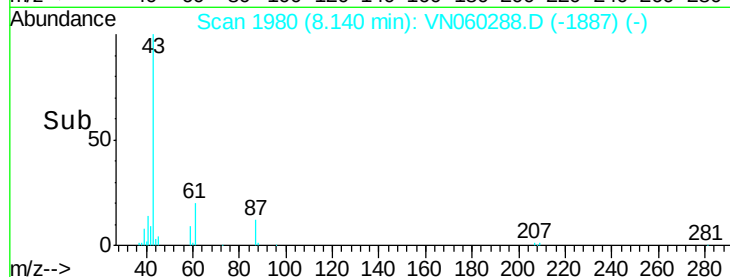
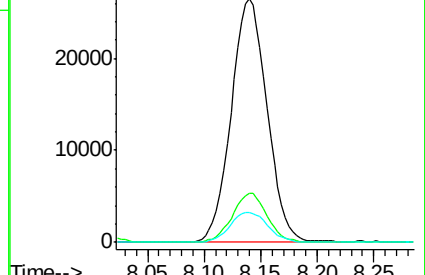
Ion	Ratio	Lower	Upper
43	100		
61	19.5	20.9	31.3#
87	12.8	10.6	16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 52.644 ug/l

RT: 10.08 min Scan# 2583

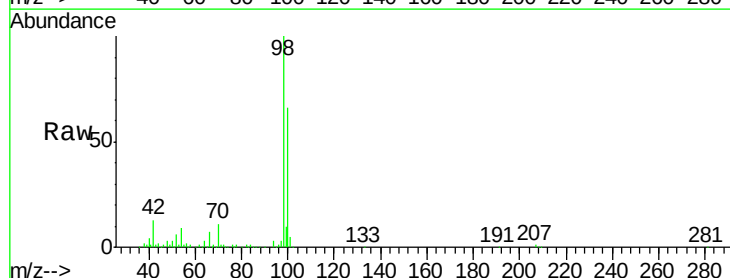
Delta R.T. -0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

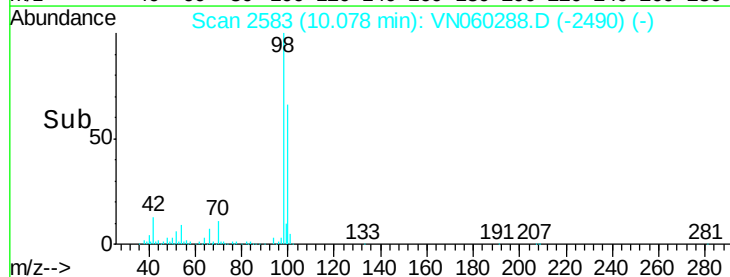
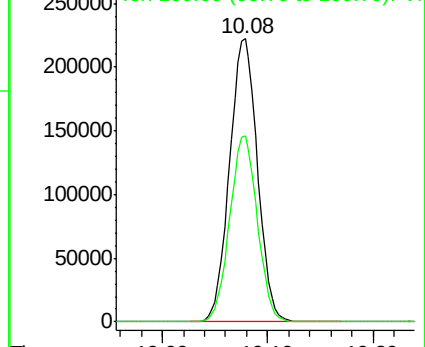
Tgt Ion: 98 Resp: 406476

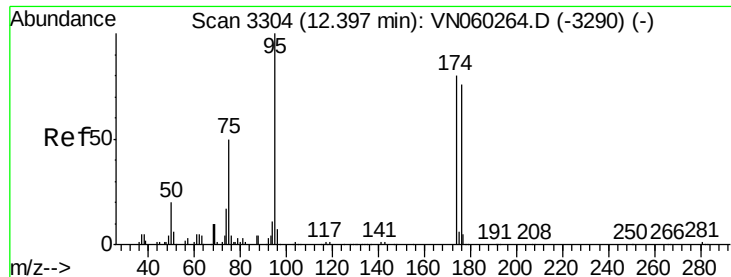
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

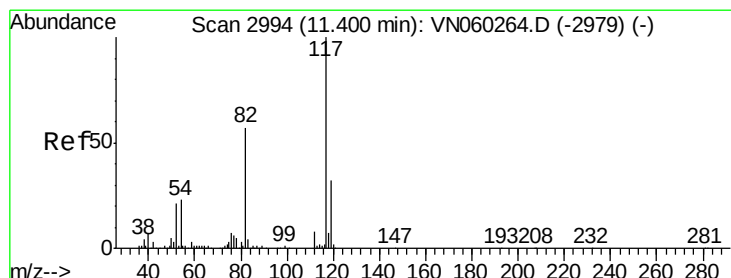
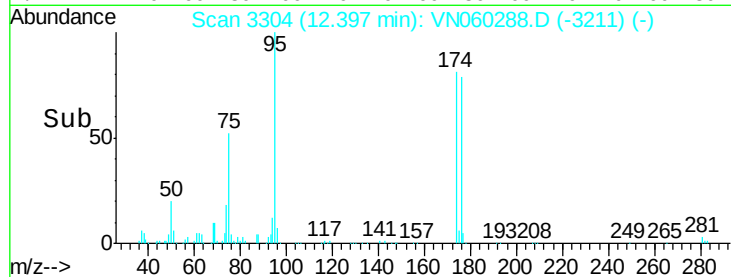
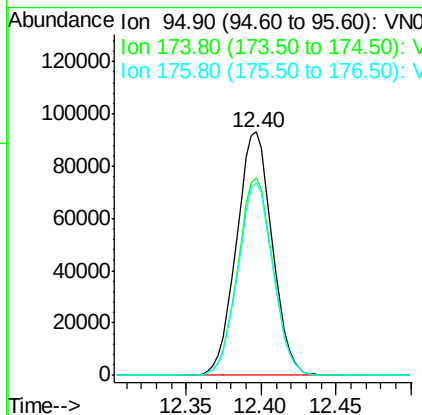
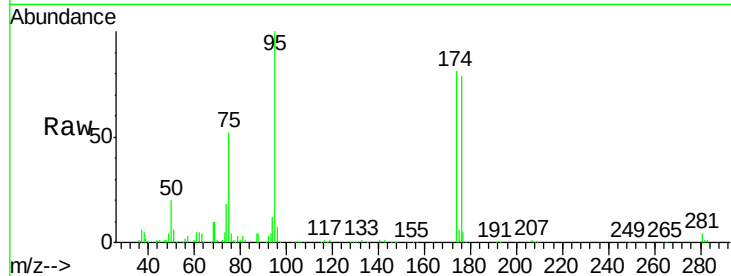




#62
4-Bromofluorobenzene
Concen: 52.835 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

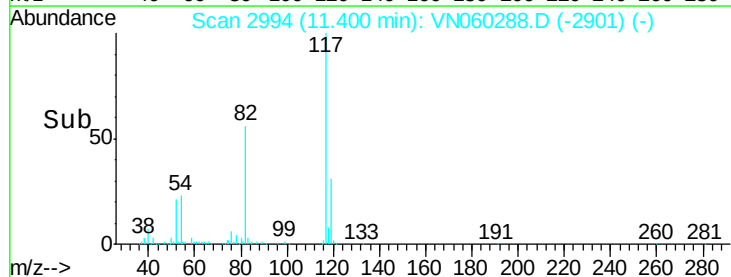
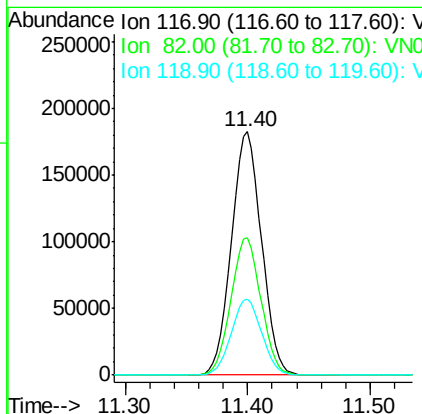
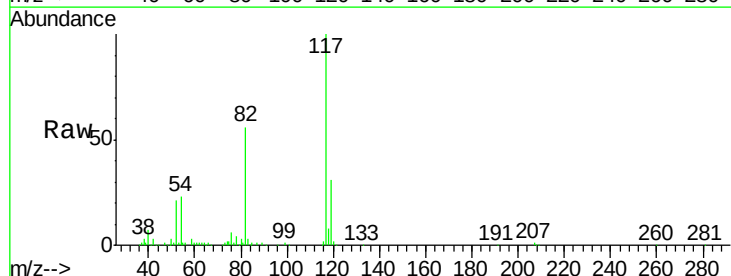
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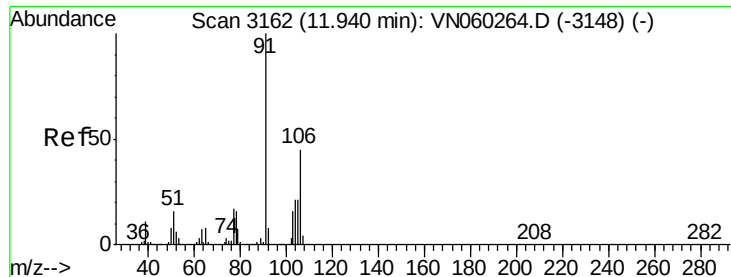
Tot Ion: 95 Resp: 154644
Ion Ratio Lower Upper
95 100
174 80.2 0.0 159.2
176 77.9 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion: 117 Resp: 312738
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 31.4 25.8 38.8

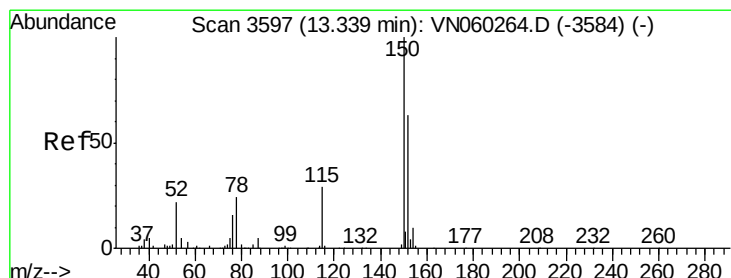
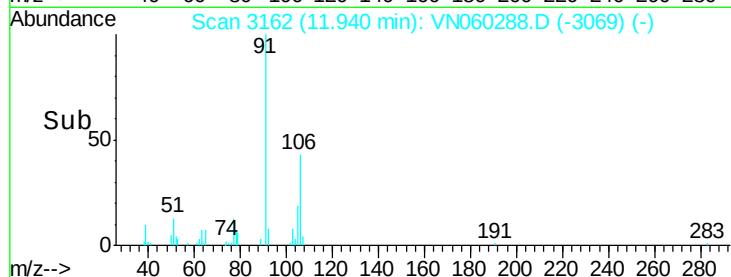
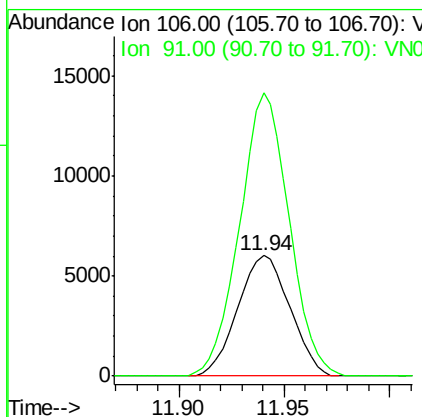
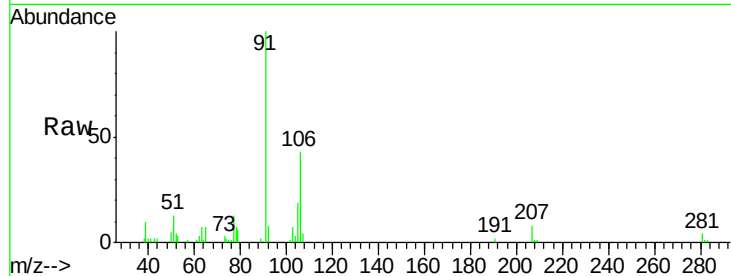




#69
o-Xylene
Concen: 2.500 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

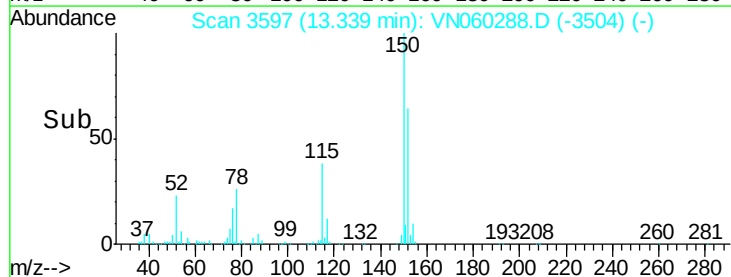
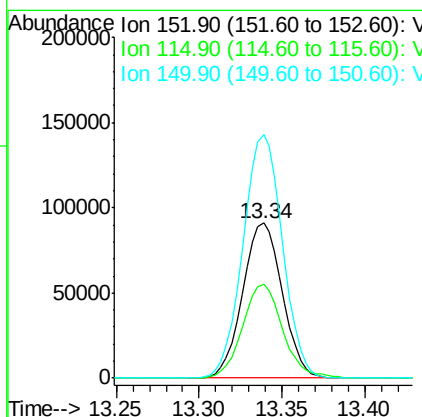
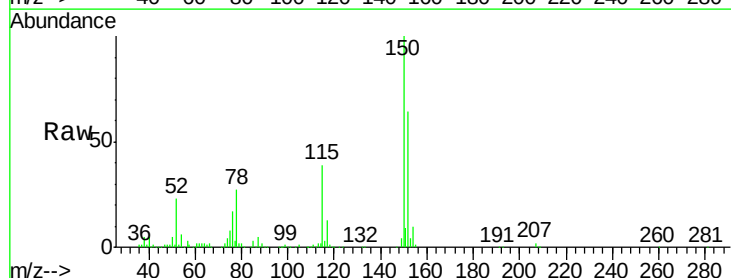
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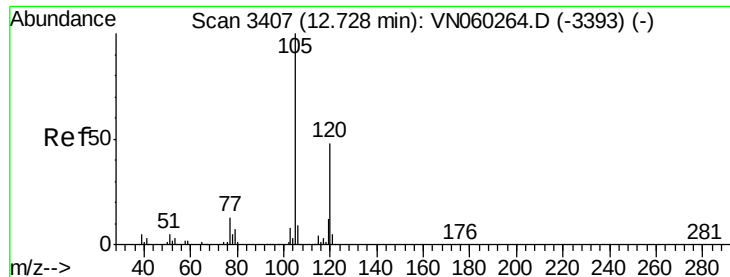
Tot Ion:106 Resp: 10343
Ion Ratio Lower Upper
106 100
91 223.1 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion:152 Resp: 151659
Ion Ratio Lower Upper
152 100
115 61.8 30.0 90.0
150 156.4 0.0 349.6

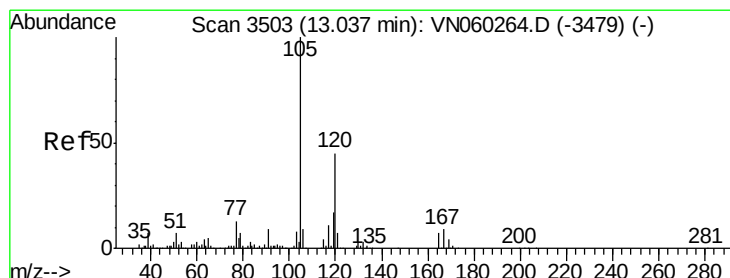
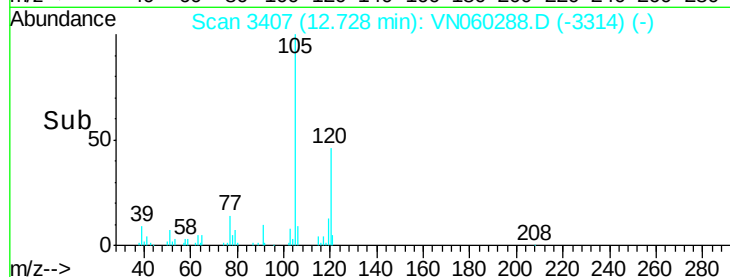
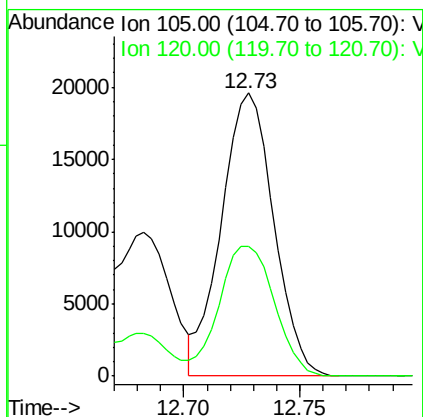
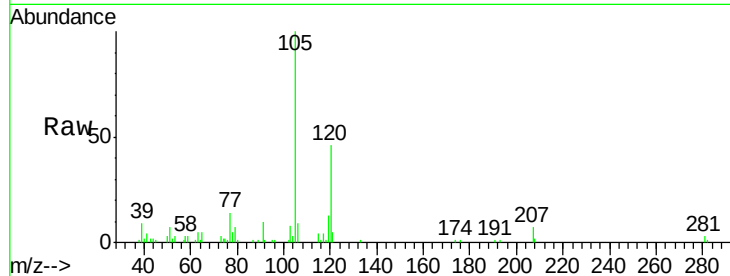




#80
 1,3,5-Trimethylbenzene
 Concen: 3.248 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Instrument :
 MSVOA_N
 ClientSampled :
 HR-05-022620

Tot Ion:105 Resp: 30742
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.923 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Tgt Ion:105 Resp: 56581
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.9

