

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071119\
Quantitation Report (Not Reviewed)

Data File : VL034020.D
Acq On : 11 Jul 2019 16:41
Operator : SY/AP
Sample : QC070819 CAN 10677
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC070819 CAN 10677

Quant Time: Jul 12 07:01:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Jul 02 19:31:31 2019
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1063479	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2762685	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2644203	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2144353	9.51	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

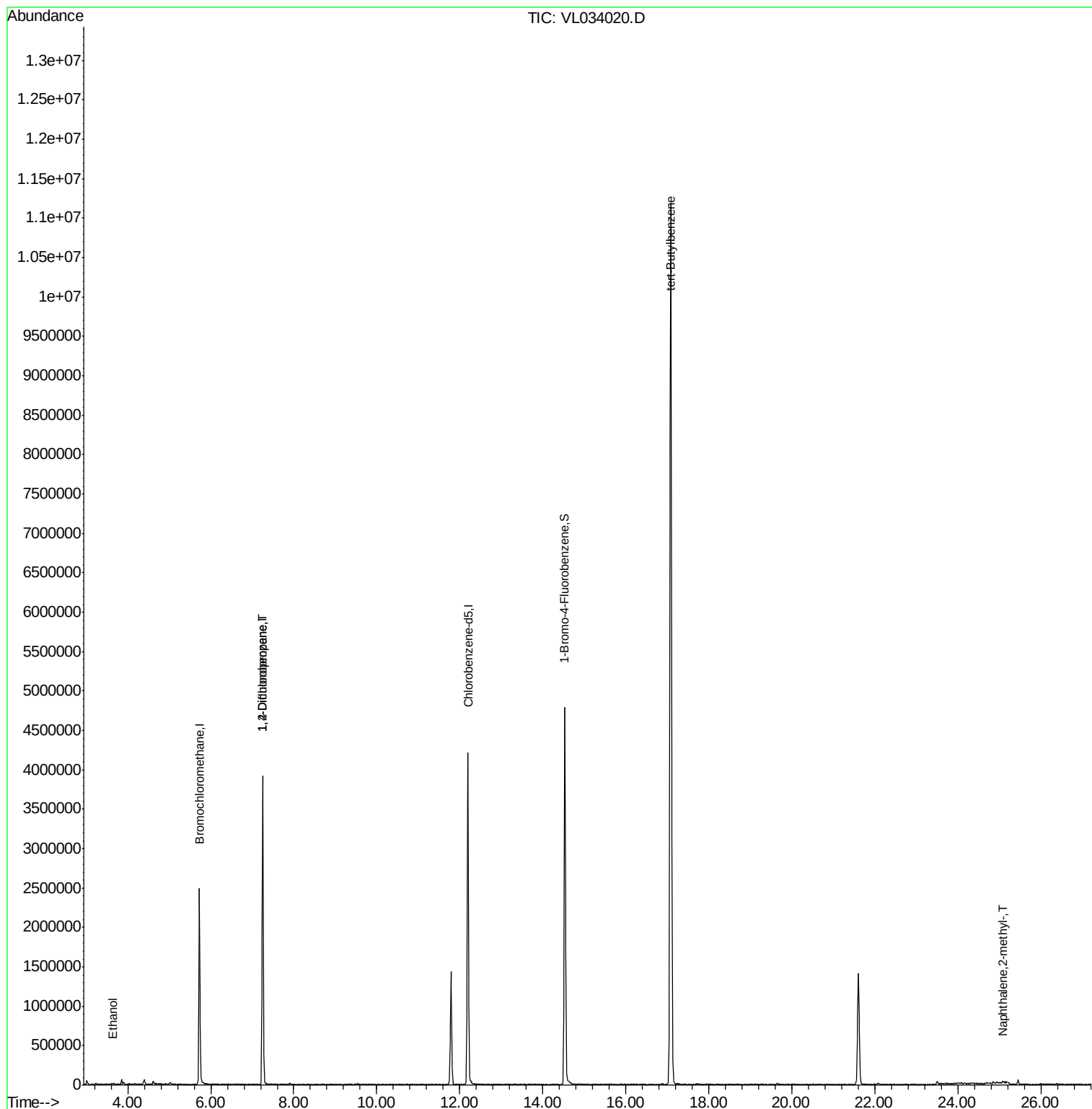
Target Compounds					Qvalue	
13) Ethanol	3.64	45	804	0.054	ppbv #	61
39) 1,2-Dichloropropane	7.25	63	680268	8.463	ppbv #	23
65) tert-Butylbenzene	17.07	119	91101	0.242	ppbv #	19
80) Naphthalene,2-methyl-	25.08	142	10952	0.094	ppbv	97

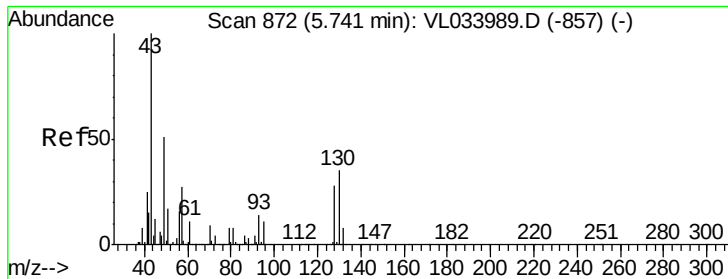
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 867

Delta R.T. -0.02 min

Lab File: VL034020.D

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Instrument :

MSVOA_L

ClientSampleId :

QC070819 CAN 10677

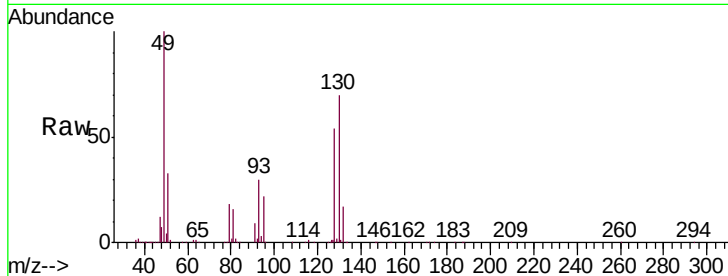
Tgt Ion: 49 Resp: 1063479

Ion Ratio Lower Upper

49 100

128 57.2 27.9 83.6

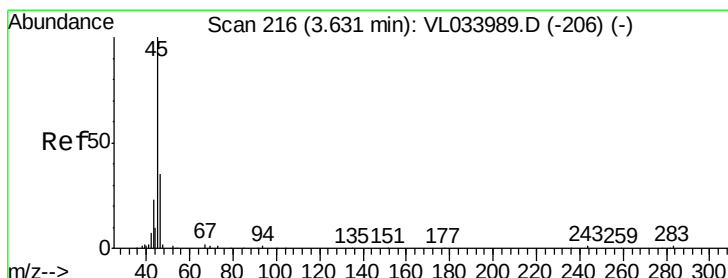
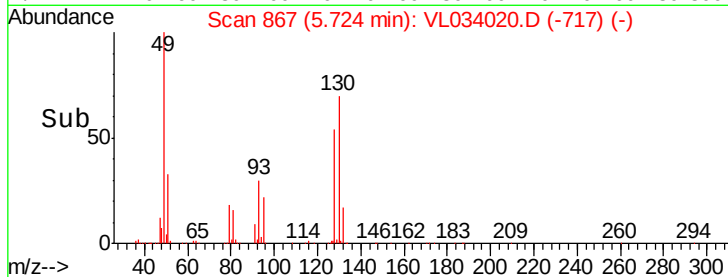
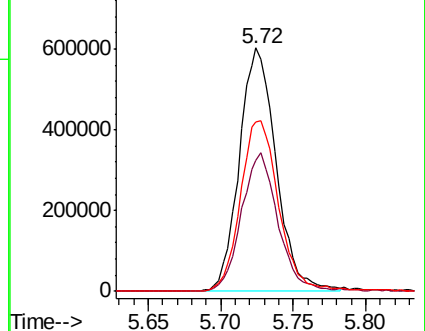
130 73.8 35.8 107.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 0.054 ppbv

RT: 3.64 min Scan# 219

Delta R.T. 0.01 min

Lab File: VL034020.D

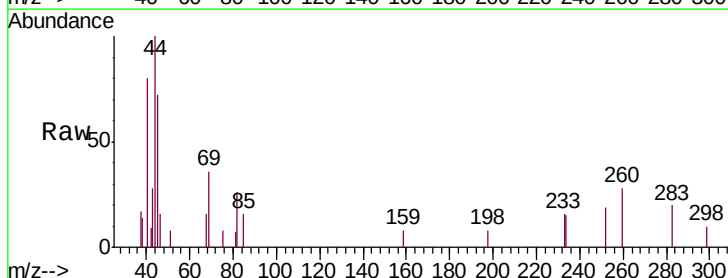
Acq: 11 Jul 2019 16:41

Tgt Ion: 45 Resp: 804

Ion Ratio Lower Upper

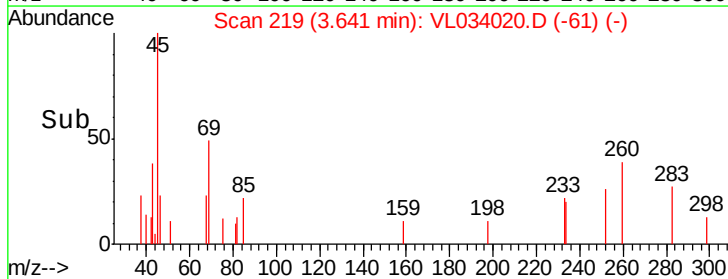
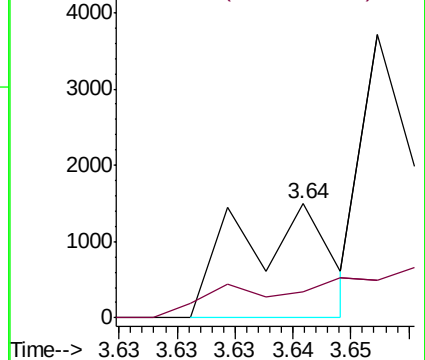
45 100

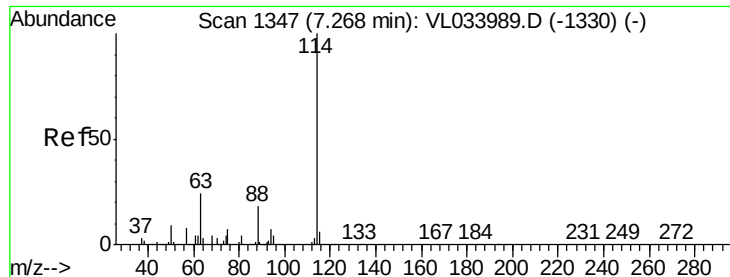
46 16.0 16.2 64.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

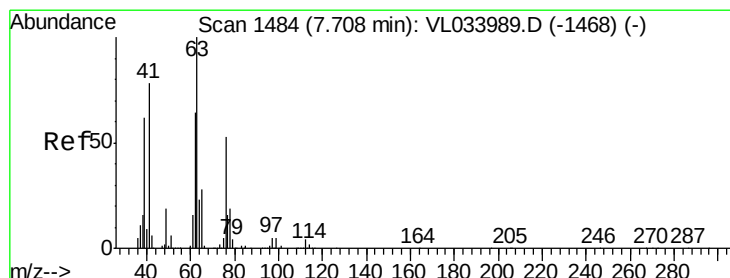
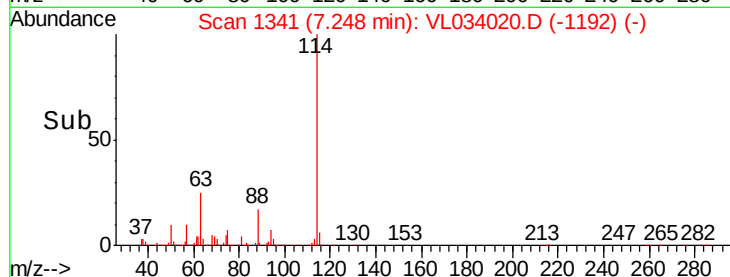
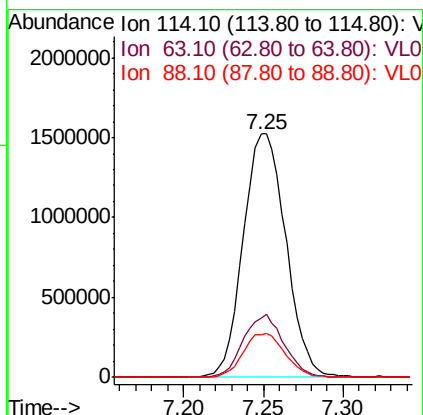
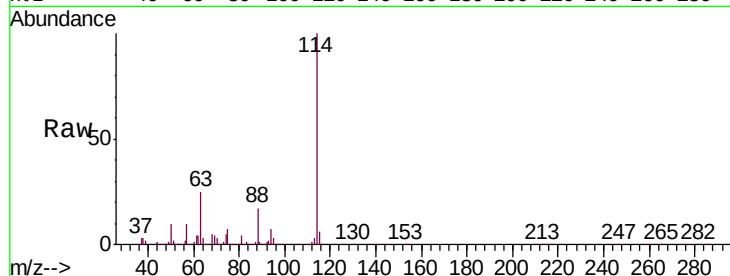




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: VL034020.D
 Acq: 11 Jul 2019 16:41

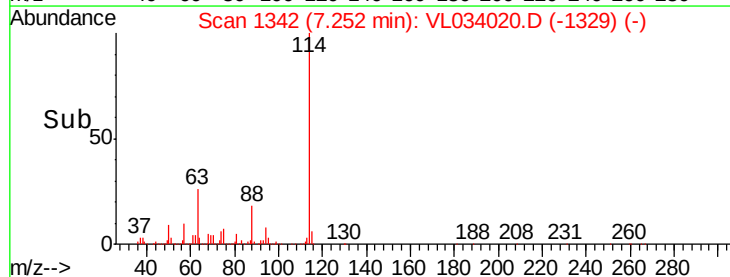
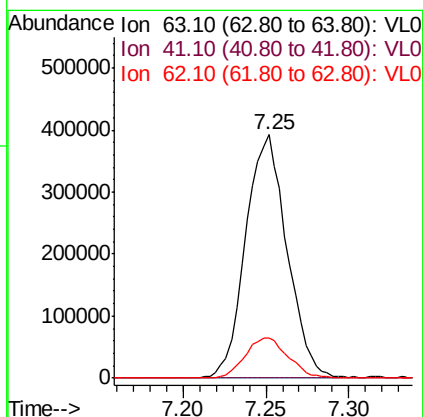
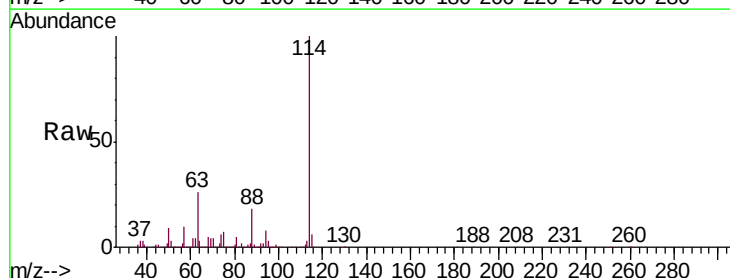
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 QC070819 CAN 10677

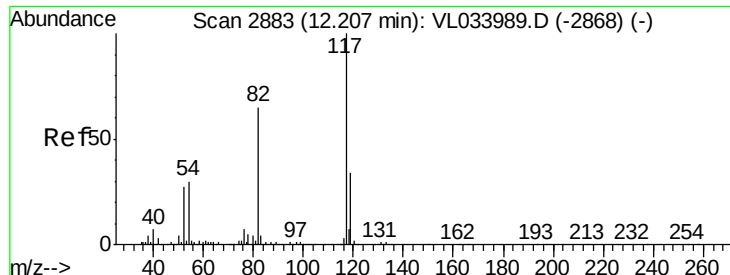
Tgt Ion: 114 Resp: 2762685
 Ion Ratio Lower Upper
 114 100
 63 24.8 20.2 30.2
 88 17.9 14.1 21.1



#39
 1,2-Dichloropropane
 Concen: 8.463 ppbv
 RT: 7.25 min Scan# 1342
 Delta R.T. -0.46 min
 Lab File: VL034020.D
 Acq: 11 Jul 2019 16:41

Tgt Ion: 63 Resp: 680268
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.3 93.5#
 62 16.4 51.4 77.2#

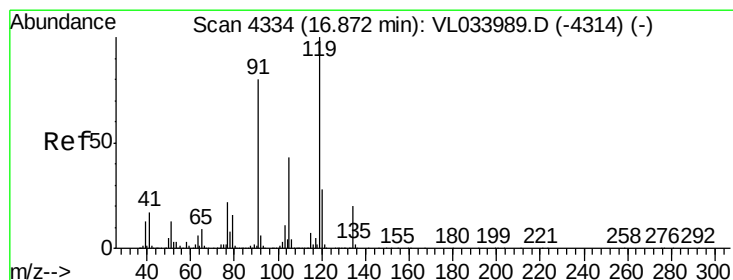
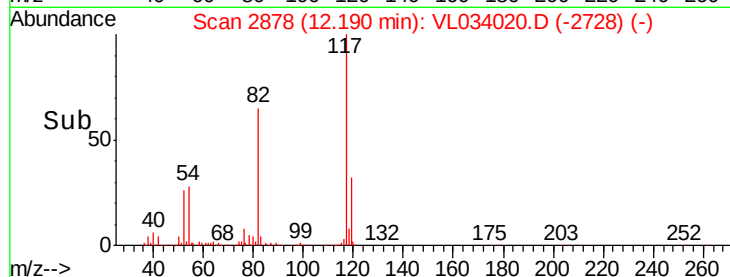
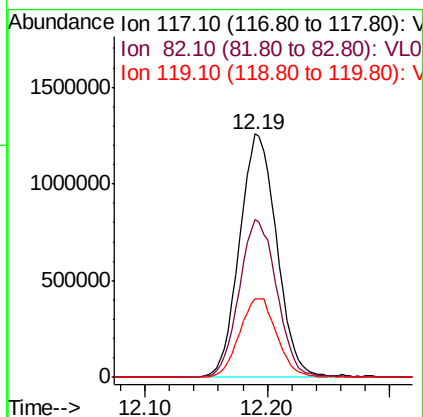
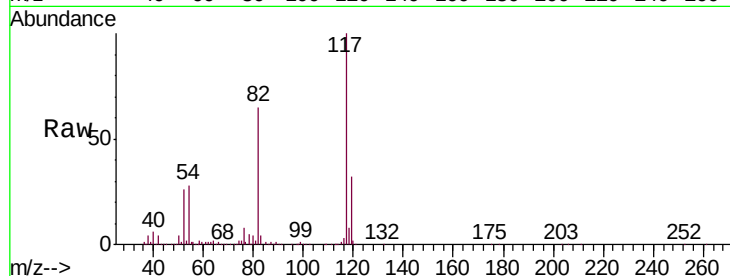




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL034020.D
Acq: 11 Jul 2019 16:41

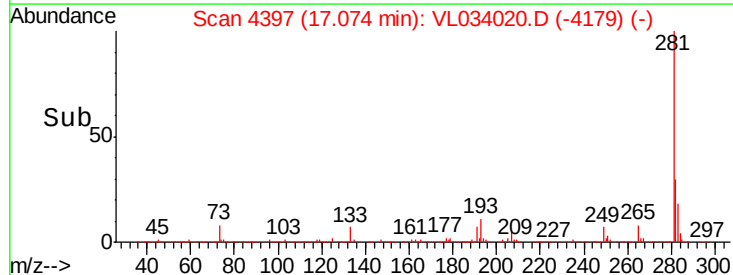
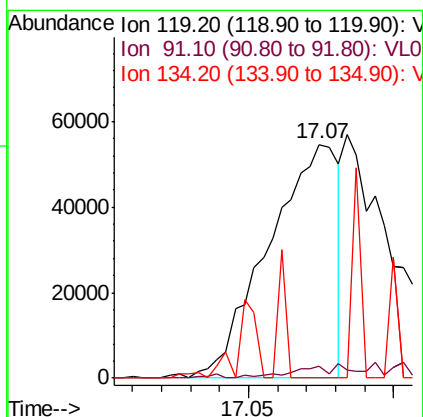
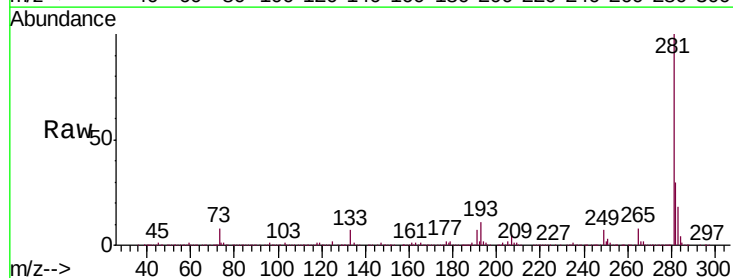
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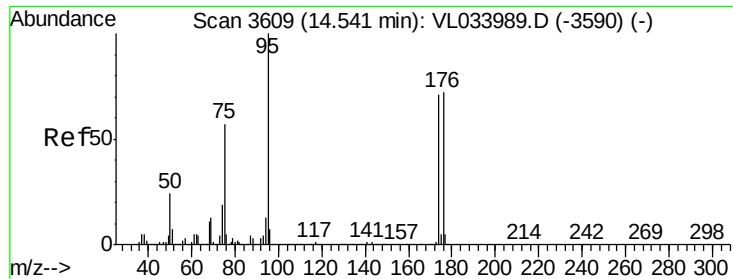
Tgt Ion:117 Resp: 2644203
Ion Ratio Lower Upper
117 100
82 66.0 50.8 76.2
119 32.5 24.0 36.0



#65
tert-Butylbenzene
Concen: 0.242 ppbv
RT: 17.07 min Scan# 4397
Delta R.T. 0.20 min
Lab File: VL034020.D
Acq: 11 Jul 2019 16:41

Tgt Ion:119 Resp: 91101
Ion Ratio Lower Upper
119 100
91 0.9 67.0 100.6#
134 2.6 15.8 23.6#

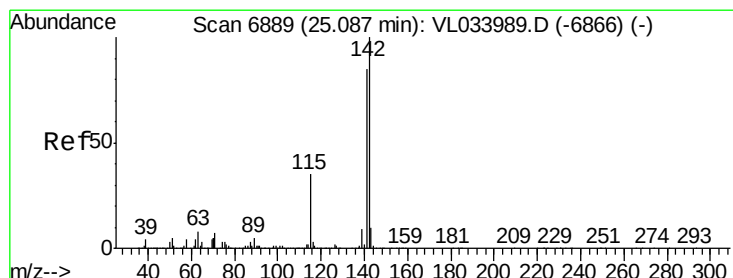
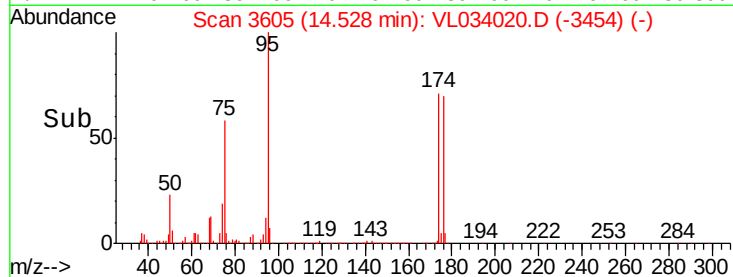
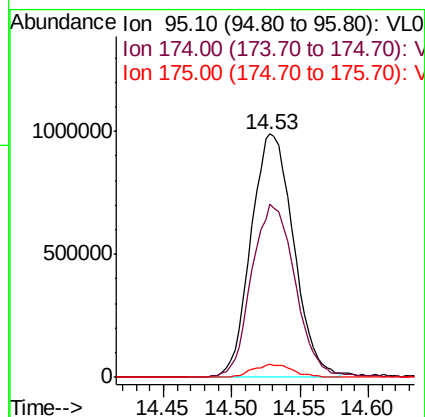
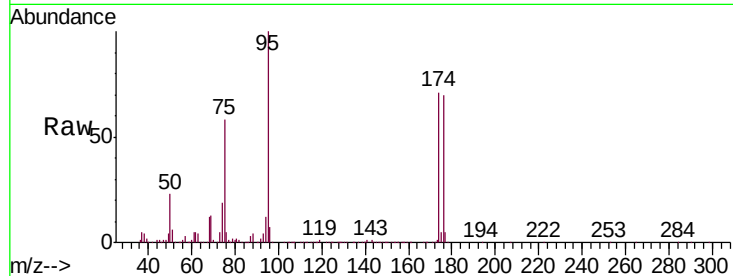




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.508 ppbv
 RT: 14.53 min Scan# 3605
 Delta R.T. -0.01 min
 Lab File: VL034020.D
 Acq: 11 Jul 2019 16:41

Instrument :
 MSVOA_L
 ClientSampleId :
 QC070819 CAN 10677

Tgt Ion: 95 Resp: 2144353
 Ion Ratio Lower Upper
 95 100
 174 73.1 60.5 90.7
 175 5.2 4.0 6.0



#80
 Naphthalene, 2-methyl-
 Concen: 0.094 ppbv
 RT: 25.08 min Scan# 6887
 Delta R.T. -0.01 min
 Lab File: VL034020.D
 Acq: 11 Jul 2019 16:41

Tgt Ion: 142 Resp: 10952
 Ion Ratio Lower Upper
 142 100
 141 84.7 68.2 102.2
 115 43.0 29.9 44.9

