

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

Data File : VL034018.D
Acq On : 11 Jul 2019 14:43
Operator : SY/AP
Sample : VL0711ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0711ABL01

Quant Time: Jul 12 07:00:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	1031453	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2660206	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2689883	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2157880	9.41	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.10%

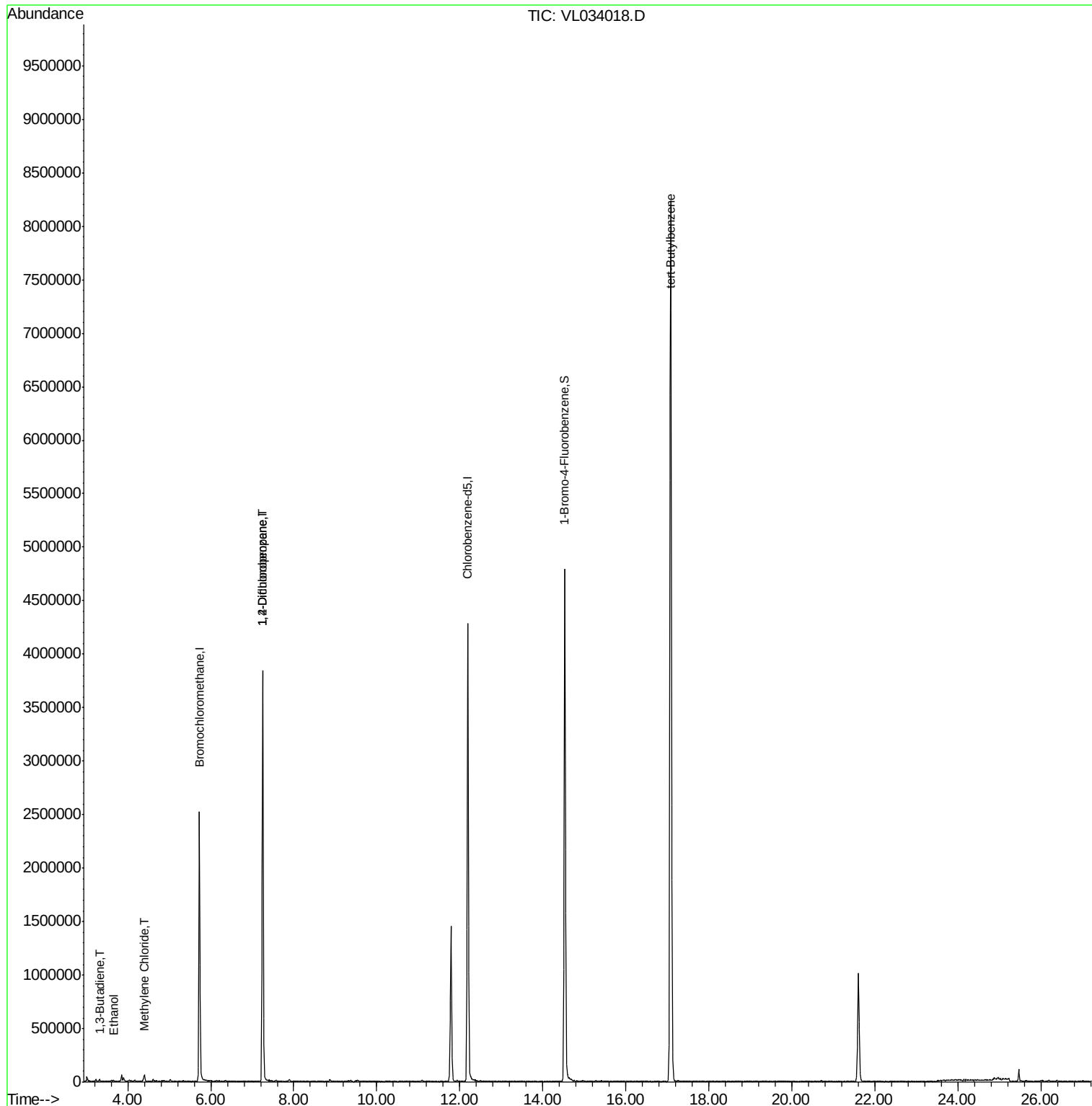
Target Compounds					Qvalue	
13) Ethanol	3.65	45	1480	0.102	ppbv #	35
16) 1,3-Butadiene	3.32	39	2506	0.041	ppbv #	5
20) Methylene Chloride	4.38	84	3546	0.047	ppbv #	87
39) 1,2-Dichloropropane	7.25	63	663717	8.575	ppbv #	25
65) tert-Butylbenzene	17.07	119	52541	0.137	ppbv #	19

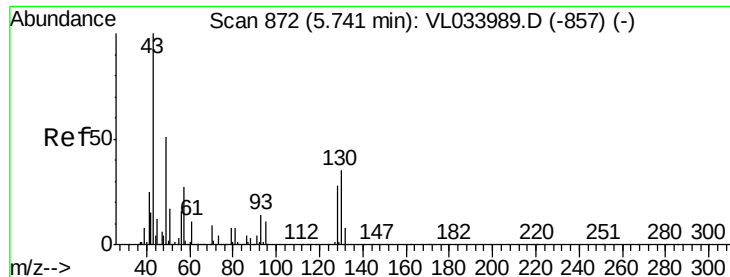
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 867

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

VL0711ABL01

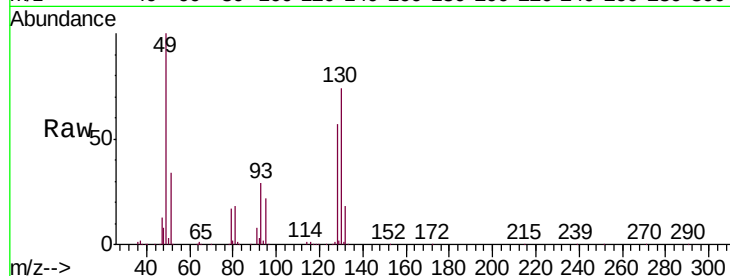
Tgt Ion: 49 Resp: 1031453

Ion Ratio Lower Upper

49 100

128 59.0 27.9 83.6

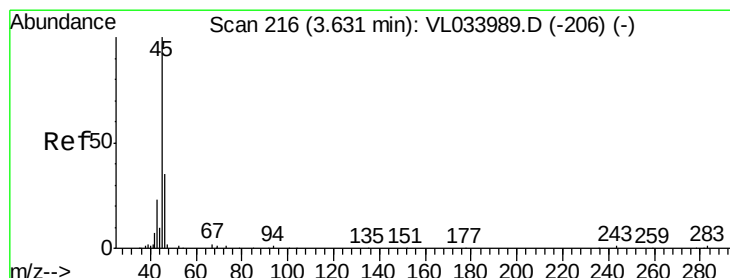
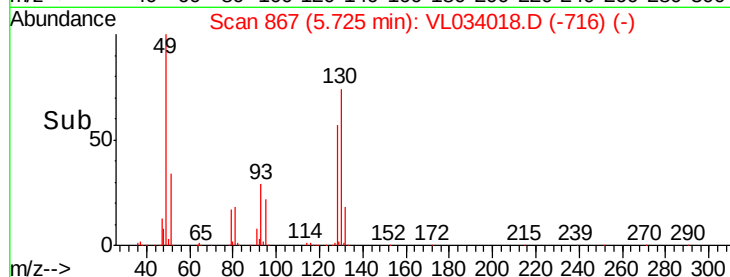
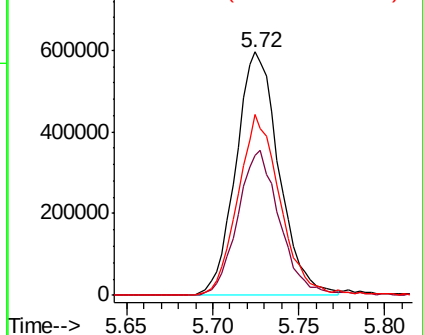
130 73.7 35.8 107.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 0.102 ppbv

RT: 3.65 min Scan# 221

Delta R.T. 0.02 min

Lab File: VL034018.D

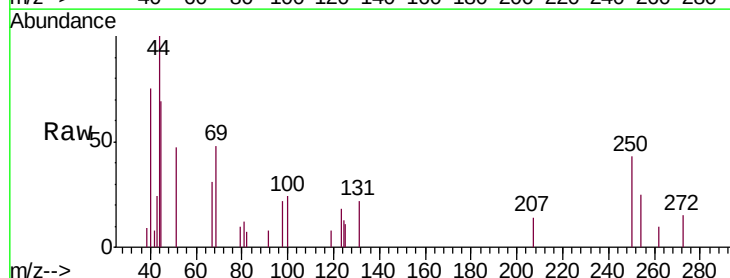
Acq: 11 Jul 2019 14:43

Tgt Ion: 45 Resp: 1480

Ion Ratio Lower Upper

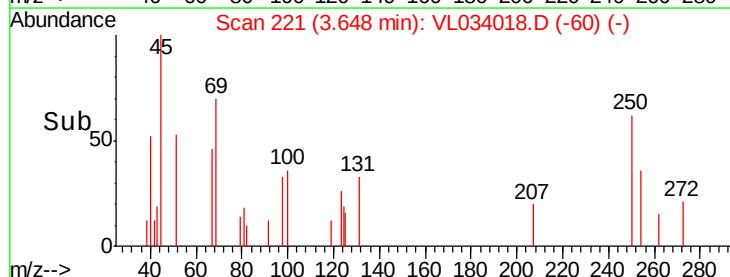
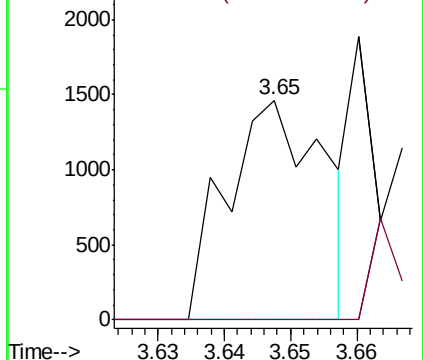
45 100

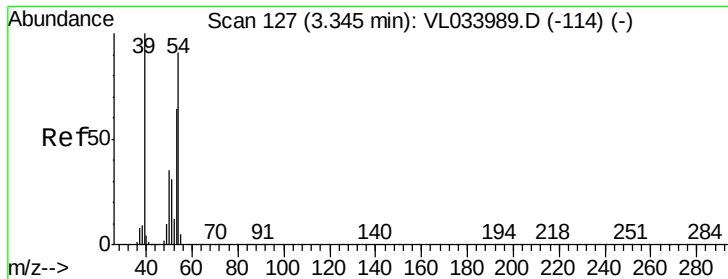
46 0.0 16.2 64.6#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

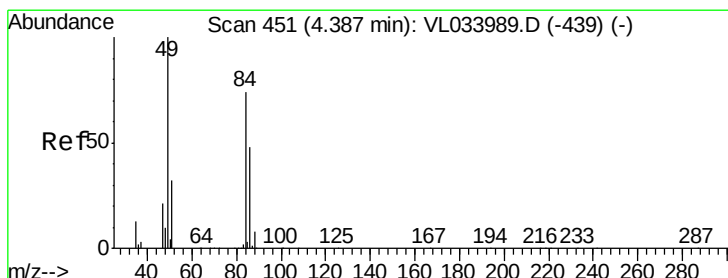
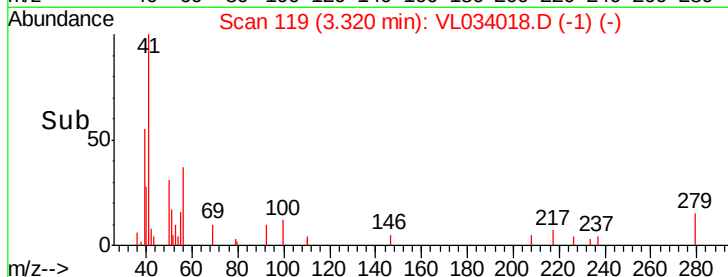
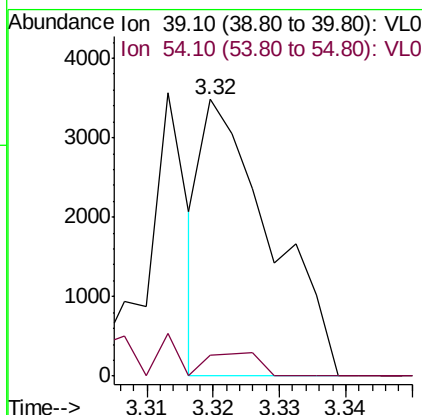
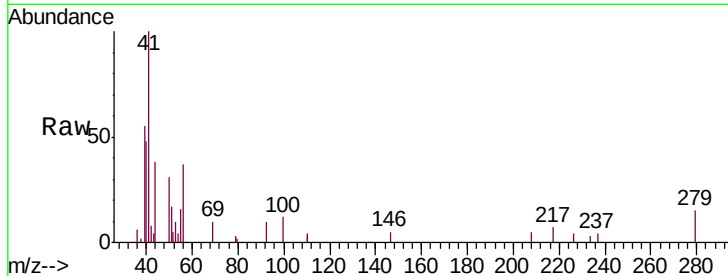




#16
 1,3-Butadiene
 Concen: 0.041 ppbv
 RT: 3.32 min Scan# 119
 Delta R.T. -0.03 min
 Lab File: VL034018.D
 Acq: 11 Jul 2019 14:43

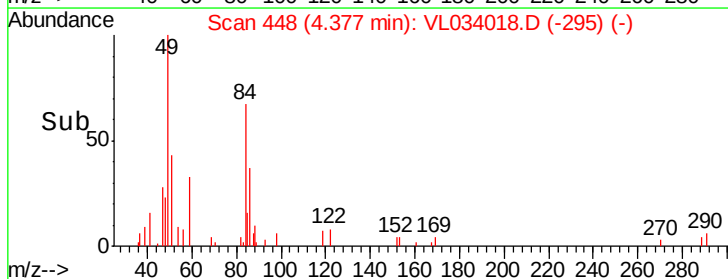
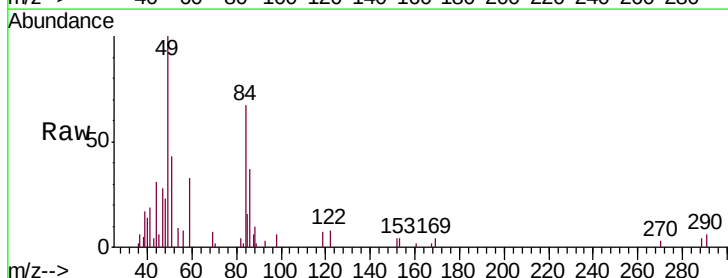
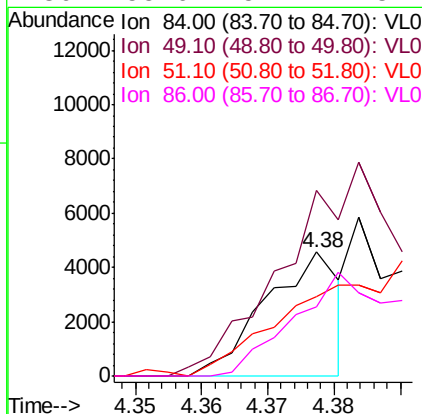
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0711ABL01

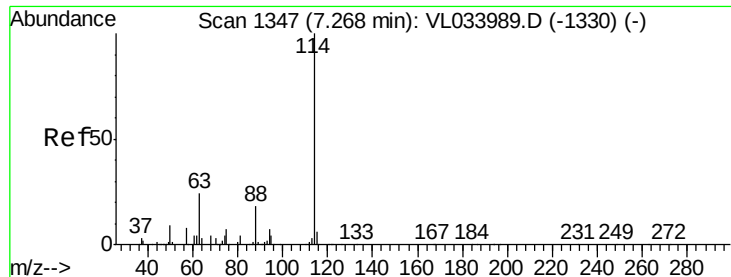
Tgt Ion: 39 Resp: 2506
 Ion Ratio Lower Upper
 39 100
 54 0.0 71.4 107.2#



#20
 Methylene Chloride
 Concen: 0.047 ppbv
 RT: 4.38 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: VL034018.D
 Acq: 11 Jul 2019 14:43

Tgt Ion: 84 Resp: 3546
 Ion Ratio Lower Upper
 84 100
 49 142.7 107.6 161.4
 51 63.8 35.0 52.6#
 86 55.6 52.1 78.1

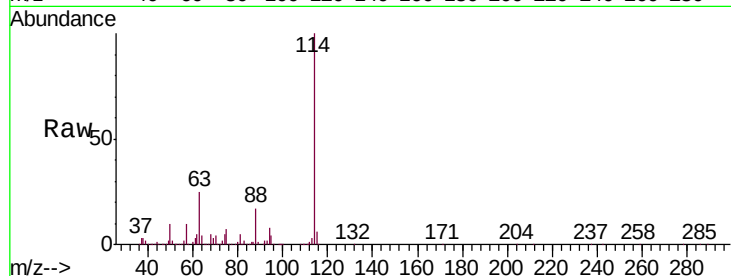




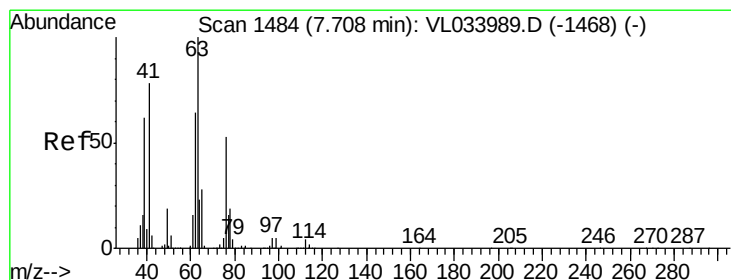
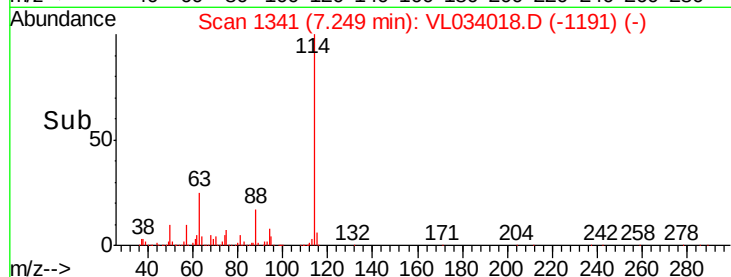
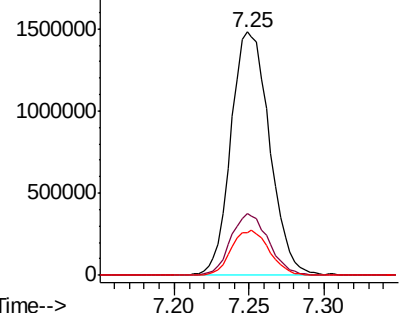
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: VL034018.D
 Acq: 11 Jul 2019 14:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0711ABL01

Tgt Ion: 114 Resp: 2660206
 Ion Ratio Lower Upper
 114 100
 63 25.0 20.2 30.2
 88 18.3 14.1 21.1

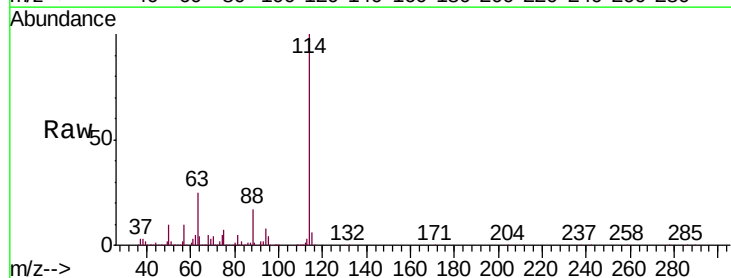


Abundance Ion 114.10 (113.80 to 114.80): VL0
 2000000 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

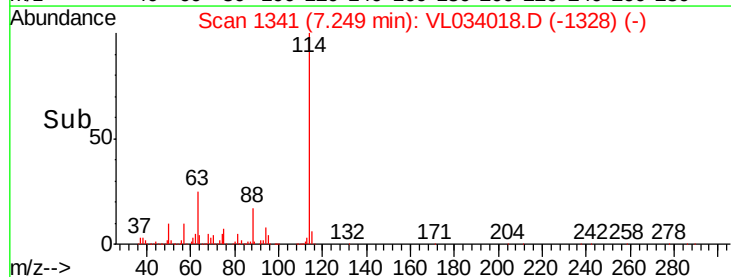
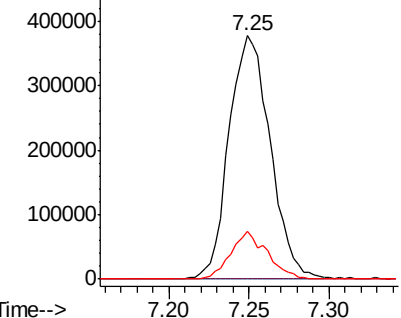


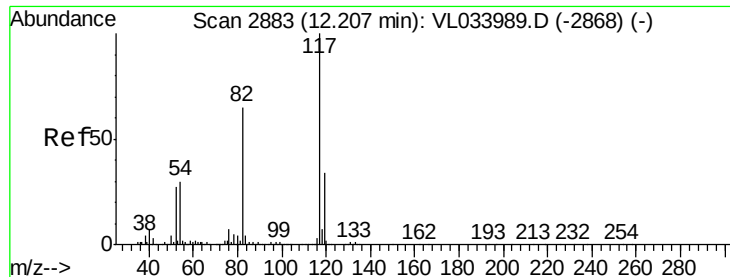
#39
 1,2-Dichloropropane
 Concen: 8.575 ppbv
 RT: 7.25 min Scan# 1341
 Delta R.T. -0.46 min
 Lab File: VL034018.D
 Acq: 11 Jul 2019 14:43

Tgt Ion: 63 Resp: 663717
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.3 93.5#
 62 19.4 51.4 77.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 500000 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.19 min Scan# 2878

Delta R.T. -0.02 min

Lab File: VL034018.D

Acq: 11 Jul 2019 14:43

Instrument :

MSVOA_L

ClientSampleId :

VL0711ABL01

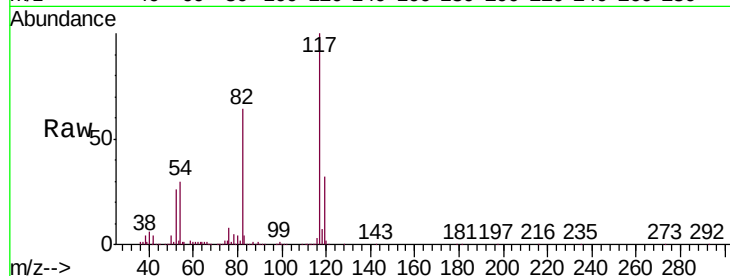
Tgt Ion:117 Resp: 2689883

Ion Ratio Lower Upper

117 100

82 66.1 50.8 76.2

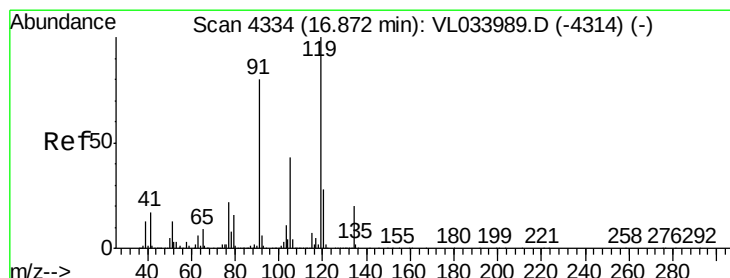
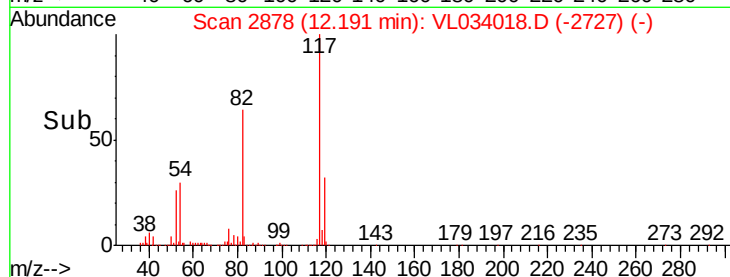
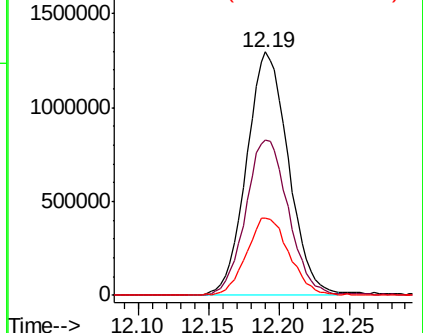
119 32.7 24.0 36.0



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#65

tert-Butylbenzene

Concen: 0.137 ppbv

RT: 17.07 min Scan# 4395

Delta R.T. 0.20 min

Lab File: VL034018.D

Acq: 11 Jul 2019 14:43

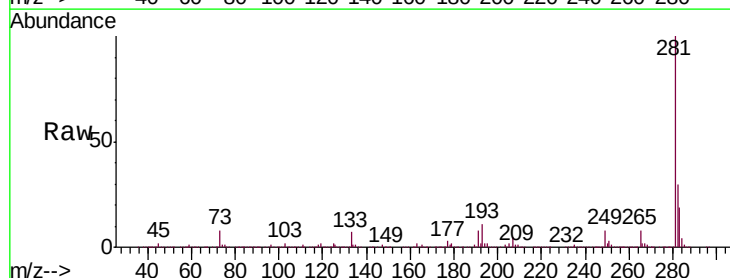
Tgt Ion:119 Resp: 52541

Ion Ratio Lower Upper

119 100

91 0.4 67.0 100.6#

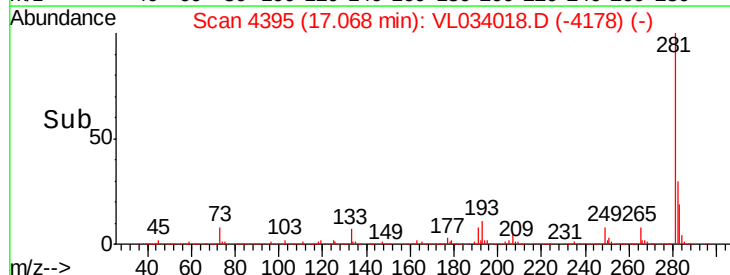
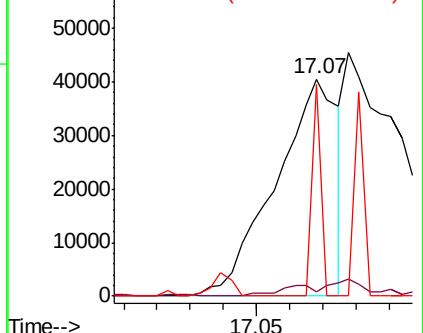
134 3.9 15.8 23.6#

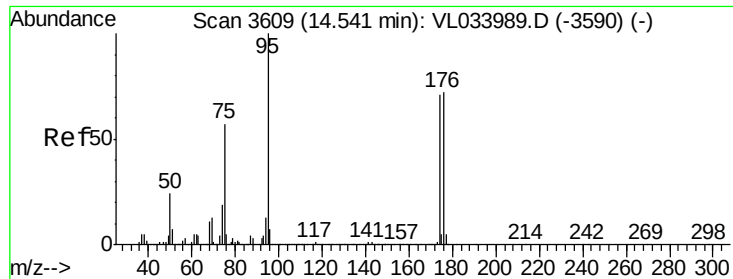


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.406 ppbv

RT: 14.52 min Scan# 3604

Delta R.T. -0.02 min

Lab File: VL034018.D

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ClientSampleId :

VL0711ABL01

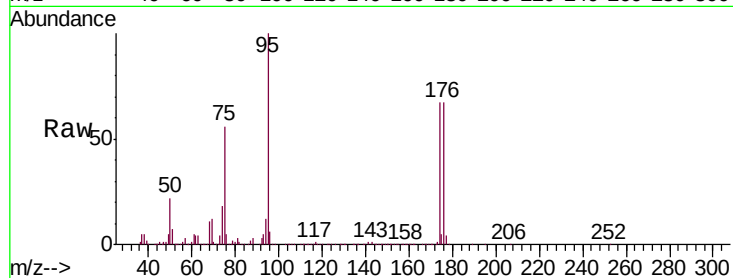
Tgt Ion: 95 Resp: 2157880

Ion Ratio Lower Upper

95 100

174 72.3 60.5 90.7

175 5.2 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

