

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071719\
Quantitation Report (Not Reviewed)

Data File : VL034045.D
Acq On : 18 Jul 2019 9:59
Operator : SY/AP
Sample : QC071719 CAN 10152
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC071719 CAN 10152

Quant Time: Jul 18 12:15:20 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	860218	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2282786	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2483541	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	1971362	9.31	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.10%

Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	5348	0.050	ppbv	92
15) Acetone	3.90	43	15652	0.108	ppbv #	46
20) Methylene Chloride	4.37	84	4675	0.074	ppbv #	92
30) Cyclohexane	7.23	84	5126	0.073	ppbv #	1
39) 1,2-Dichloropropane	7.25	63	583527	8.785	ppbv #	24

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

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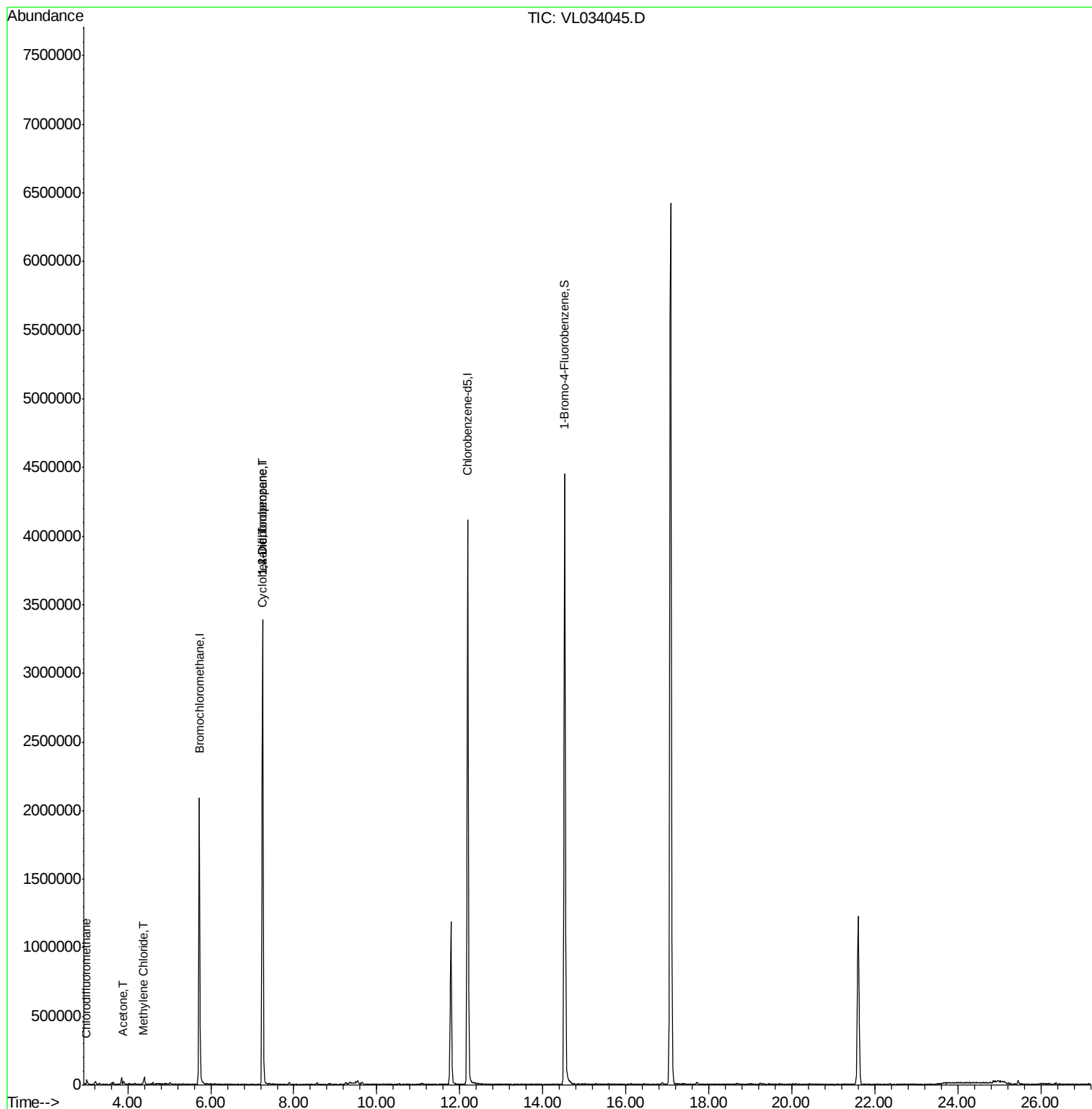
Quant Time: Jul 18 12:15:20 2019

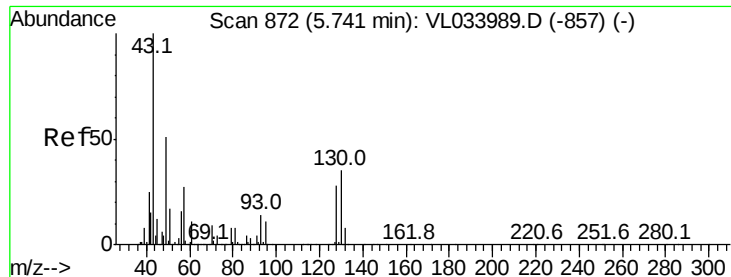
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 866

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

QC071719 CAN 10152

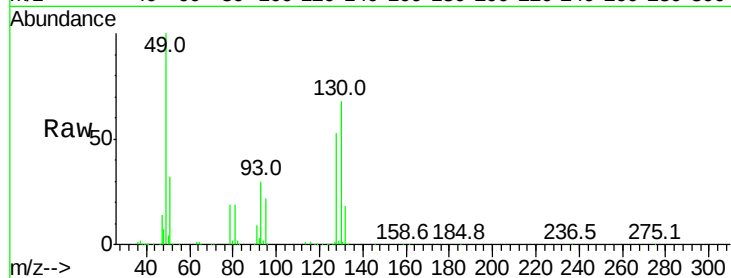
Tgt Ion: 49 Resp: 860218

Ion Ratio Lower Upper

49 100

128 56.6 27.9 83.6

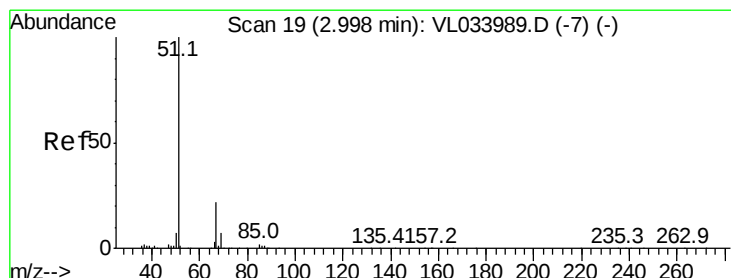
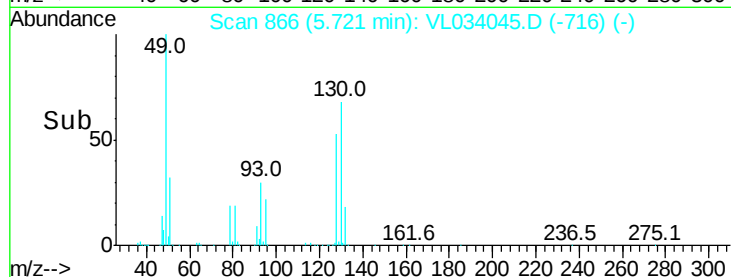
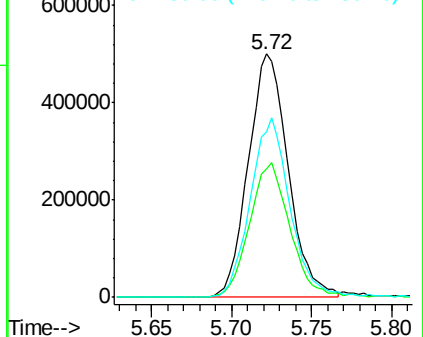
130 74.0 35.8 107.4



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



#3

Chlorodifluoromethane

Concen: 0.050 ppbv

RT: 2.99 min Scan# 18

Delta R.T. -0.00 min

Lab File: VL034045.D

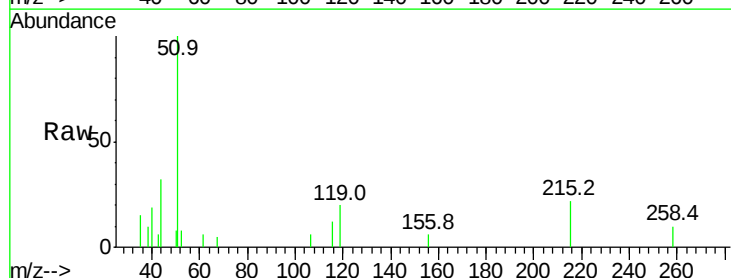
Acq: 18 Jul 2019 9:59

Tgt Ion: 51 Resp: 5348

Ion Ratio Lower Upper

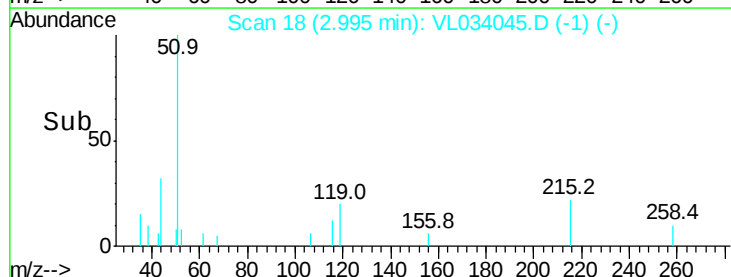
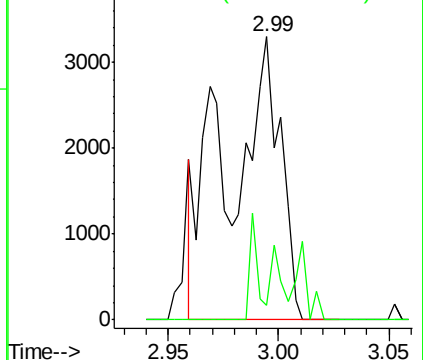
51 100

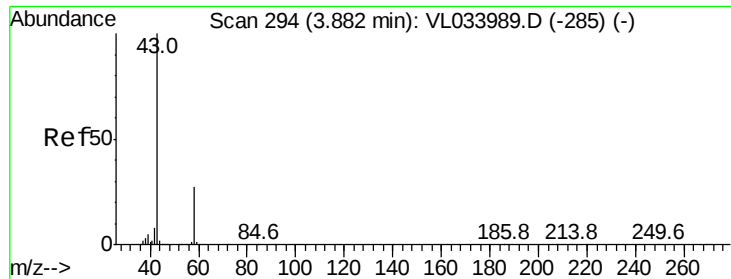
67 17.7 17.3 25.9



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#15

Acetone

Concen: 0.108 ppbv

RT: 3.90 min Scan# 298

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

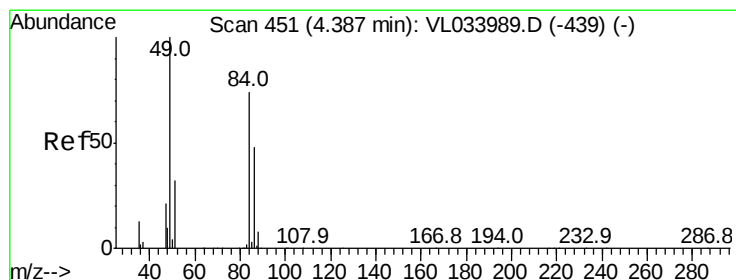
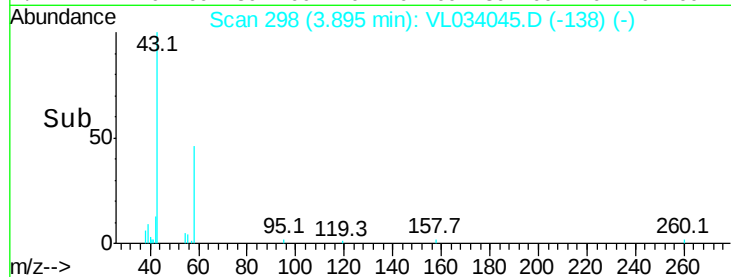
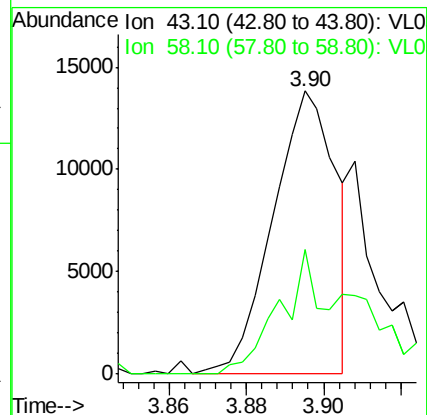
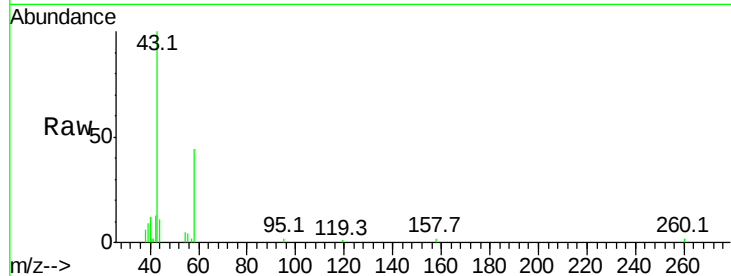
QC071719 CAN 10152

Tgt Ion: 43 Resp: 15652

Ion Ratio Lower Upper

43 100

58 54.6 21.4 32.0#



#20

Methylene Chloride

Concen: 0.074 ppbv

RT: 4.37 min Scan# 447

Delta R.T. -0.01 min

Lab File: VL034045.D

Acq: 18 Jul 2019 9:59

Tgt Ion: 84 Resp: 4675

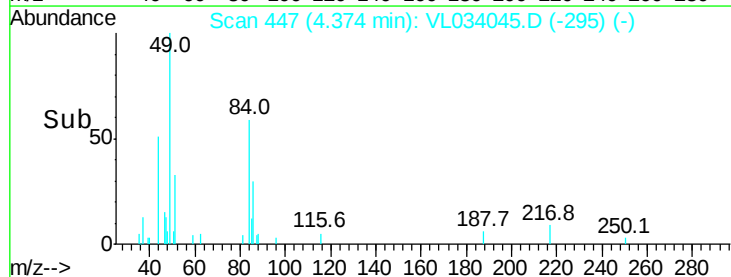
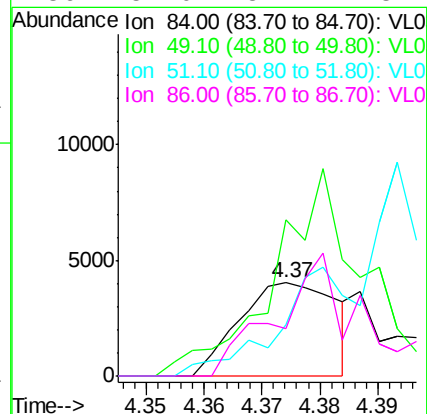
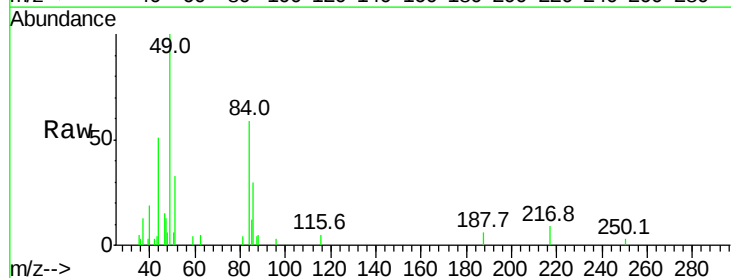
Ion Ratio Lower Upper

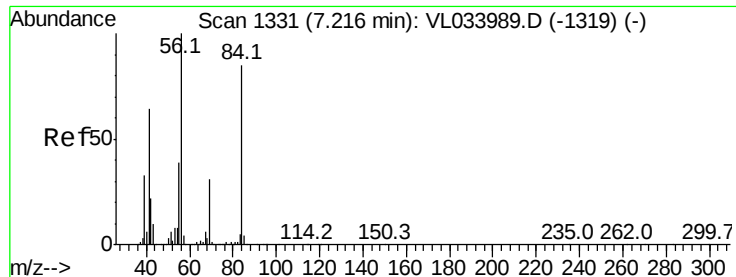
84 100

49 141.6 107.6 161.4

51 42.3 35.0 52.6

86 51.0 52.1 78.1#

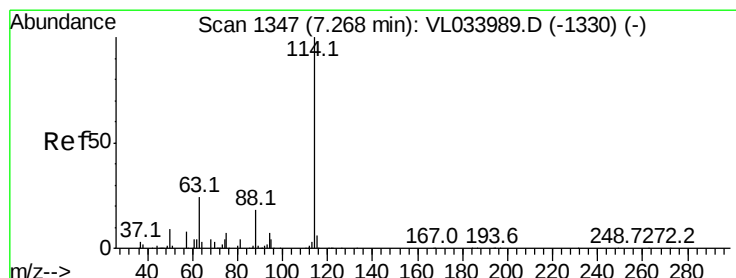
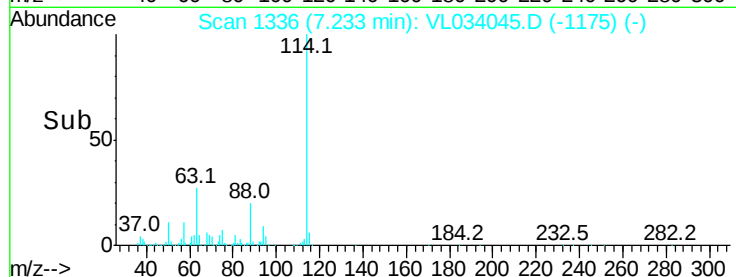
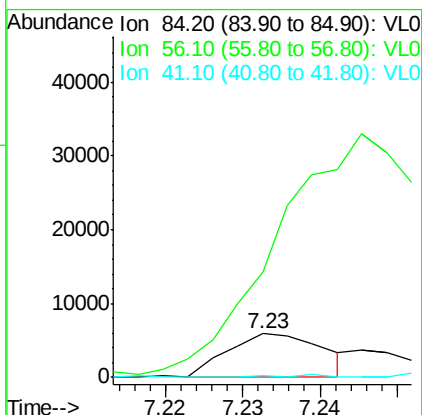
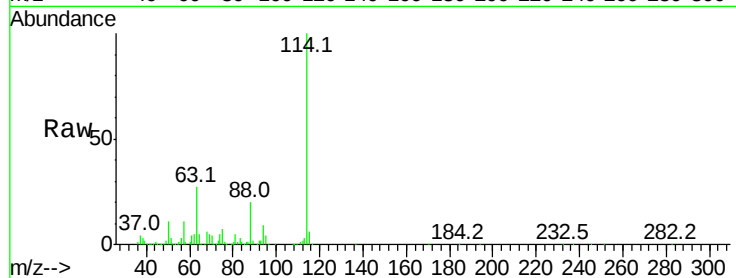




#30
Cyclohexane
Concen: 0.073 ppbv
RT: 7.23 min Scan# 1336
Delta R.T. 0.02 min
Lab File: VL034045.D
Acq: 18 Jul 2019 9:59

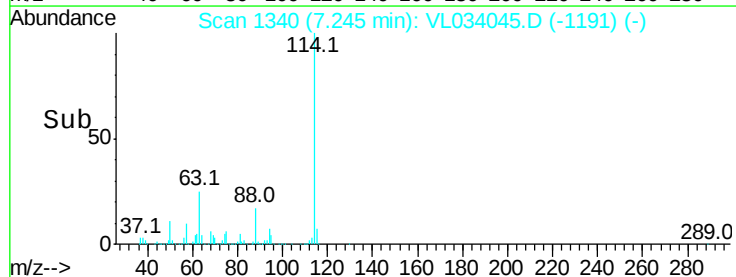
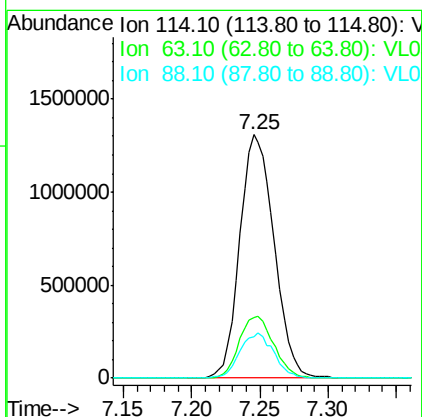
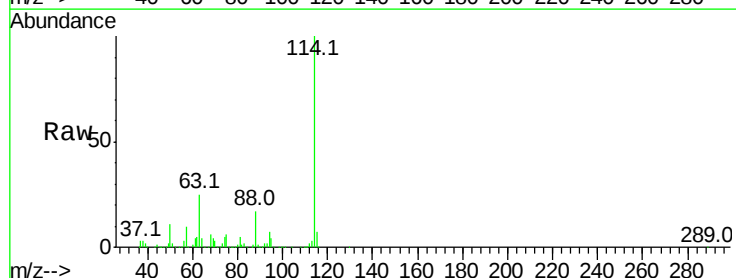
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QC071719 CAN 10152

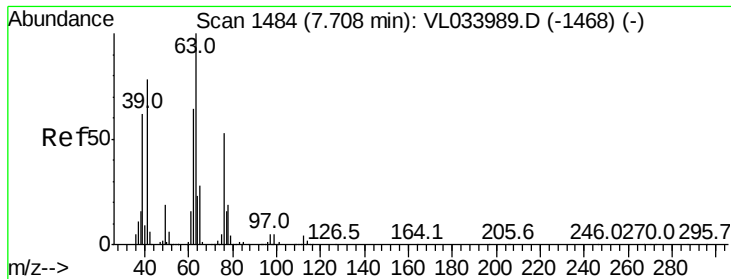
Tgt Ion: 84 Resp: 5126
Ion Ratio Lower Upper
84 100
56 0.0 103.7 155.5#
41 2.7 62.6 94.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.02 min
Lab File: VL034045.D
Acq: 18 Jul 2019 9:59

Tgt Ion: 114 Resp: 2282786
Ion Ratio Lower Upper
114 100
63 25.8 20.2 30.2
88 18.5 14.1 21.1

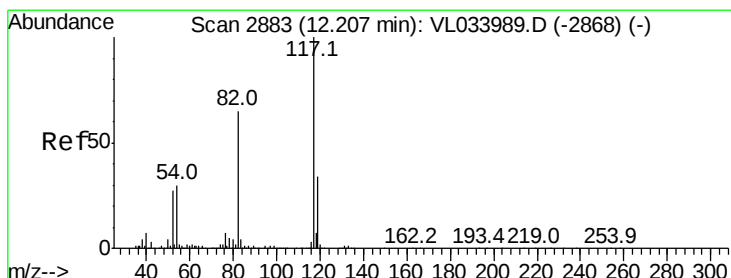
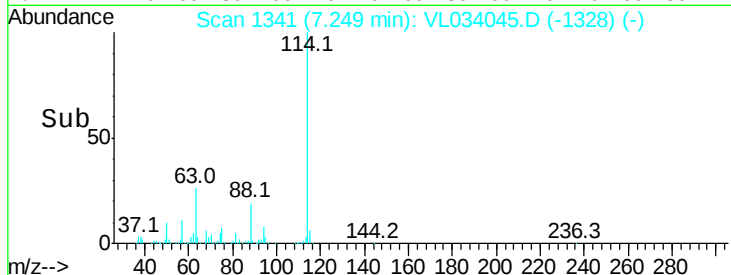
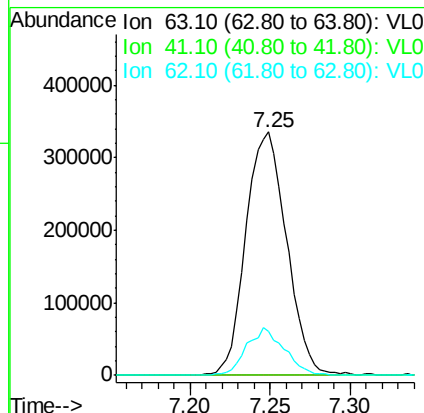
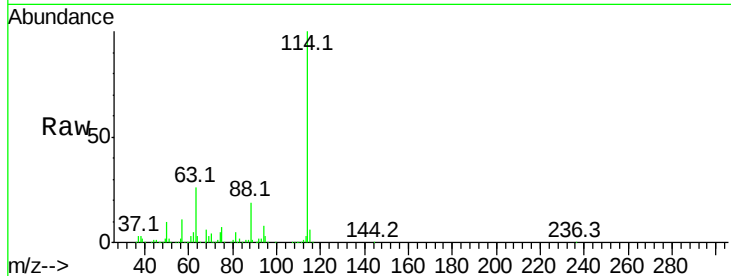




#39
 1,2-Dichloropropane
 Concen: 8.785 ppbv
 RT: 7.25 min Scan# 1341
 Delta R.T. -0.46 min
 Lab File: VL034045.D
 Acq: 18 Jul 2019 9:59

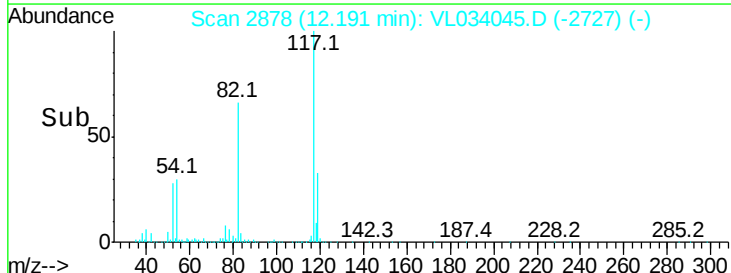
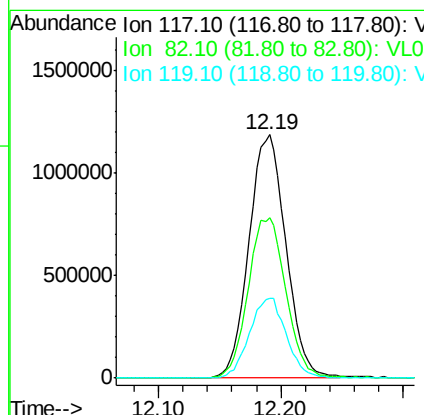
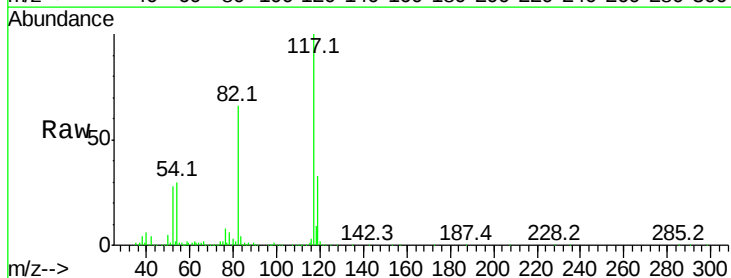
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 QC071719 CAN 10152

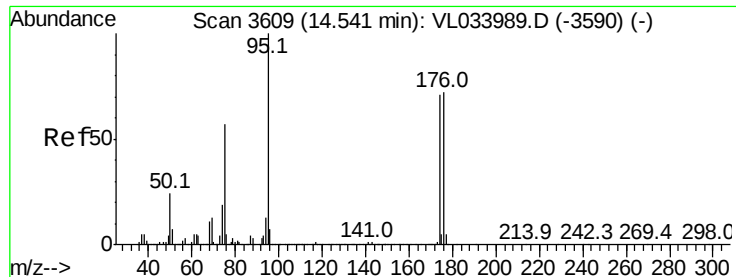
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.3	93.5#
62	18.1	51.4	77.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.19 min Scan# 2878
 Delta R.T. -0.02 min
 Lab File: VL034045.D
 Acq: 18 Jul 2019 9:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.6	50.8	76.2
119	32.9	24.0	36.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.307 ppbv

RT: 14.52 min Scan# 3604

Delta R.T. -0.02 min

Lab File: VL034045.D

Acq: 18 Jul 2019 9:59

Instrument :

MSVOA_L

ClientSampleId :

QC071719 CAN 10152

Tgt Ion: 95 Resp: 1971362

Ion Ratio Lower Upper

95 100

174 73.0 60.5 90.7

175 5.3 4.0 6.0

