

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090519\
Quantitation Report (Not Reviewed)

Data File : VL034130.D
Acq On : 5 Sep 2019 10:51
Operator : SY/AP
Sample : QC082219 CAN 10262
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC082219 CAN 10262

Quant Time: Sep 06 04:11:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1123460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1959151	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1974962	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	1658753	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

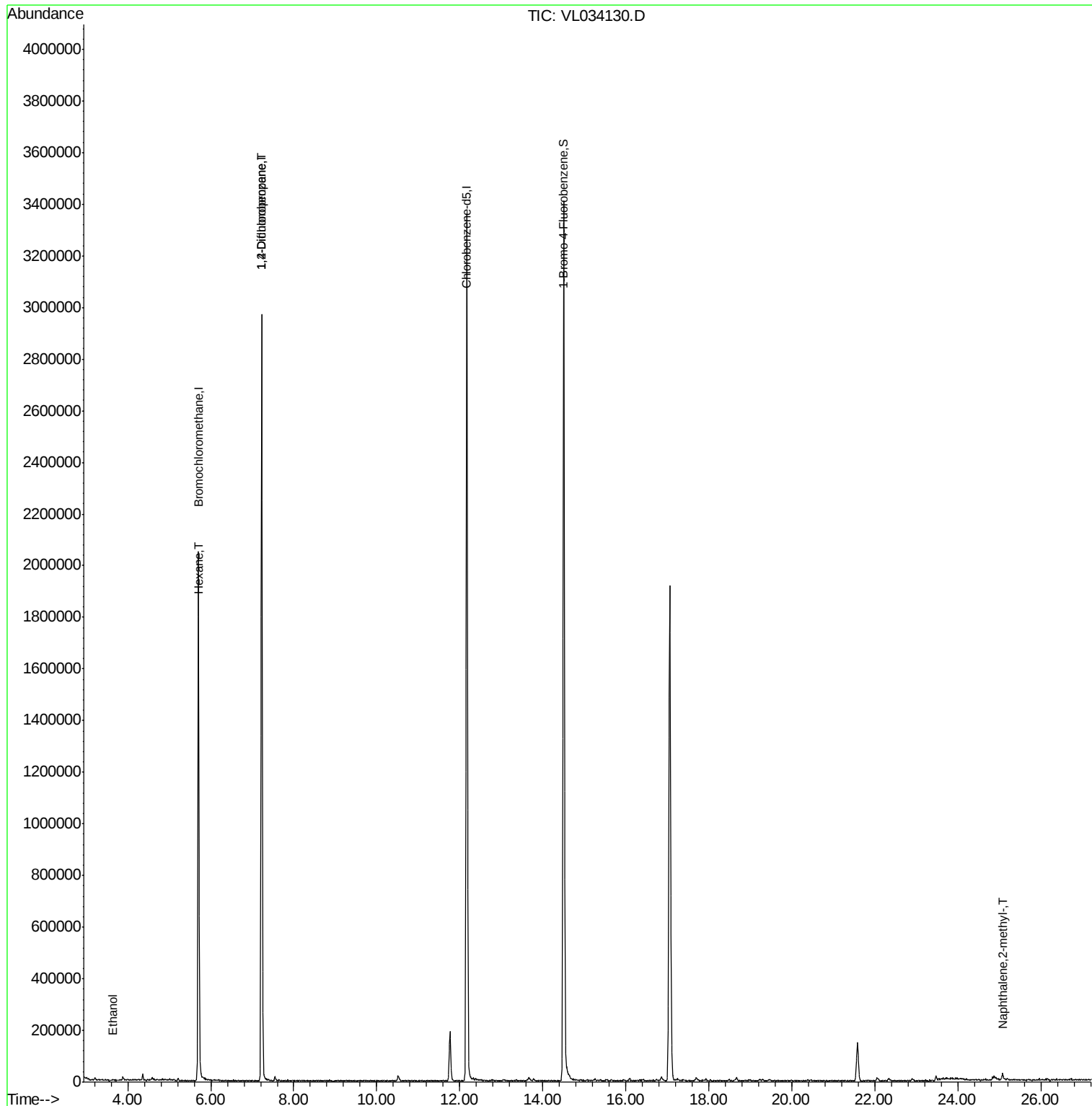
Target Compounds					Qvalue	
13) Ethanol	3.63	45	661	0.048	ppbv #	37
26) Hexane	5.72	57	14052	0.106	ppbv #	44
39) 1,2-Dichloropropane	7.23	63	627302	6.546	ppbv #	25
80) Naphthalene,2-methyl-	25.06	142	6827	0.073	ppbv	87

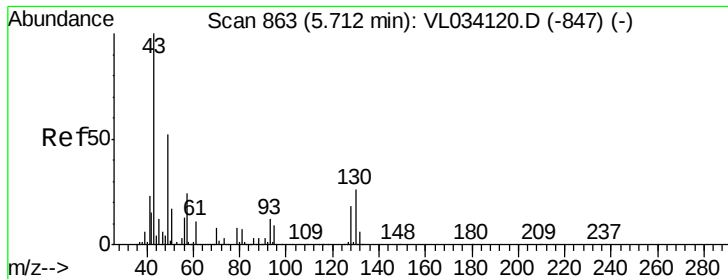
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 860

Delta R.T. -0.01 min

Lab File: VL034130.D

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Instrument :

MSVOA_L

ClientSampleId :

QC082219 CAN 10262

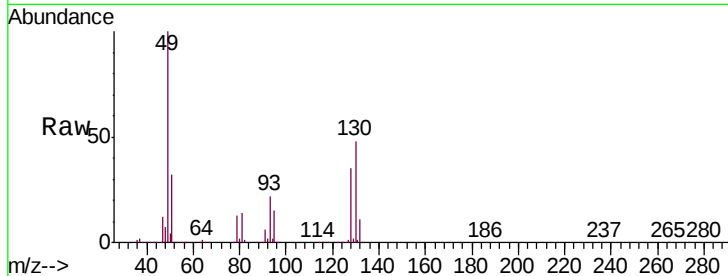
Tgt Ion: 49 Resp: 1123460

Ion Ratio Lower Upper

49 100

128 35.3 18.4 55.0

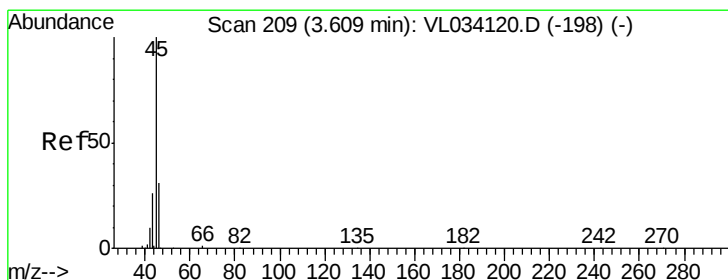
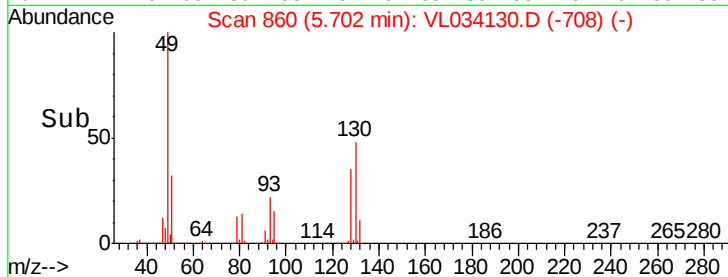
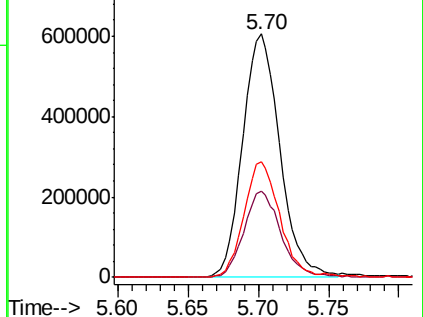
130 46.3 23.5 70.6



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: 0.048 ppbv

RT: 3.63 min Scan# 215

Delta R.T. 0.02 min

Lab File: VL034130.D

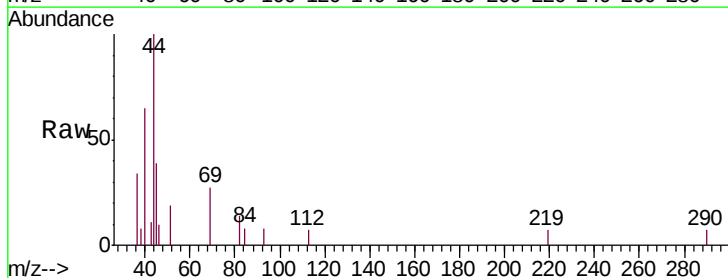
Acq: 5 Sep 2019 10:51

Tgt Ion: 45 Resp: 661

Ion Ratio Lower Upper

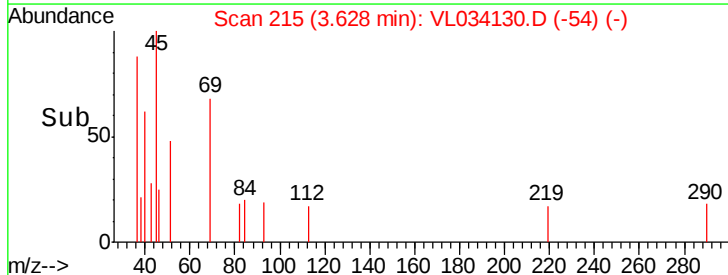
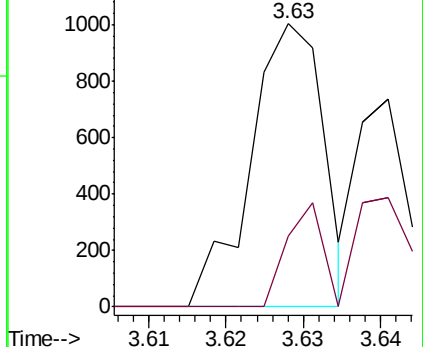
45 100

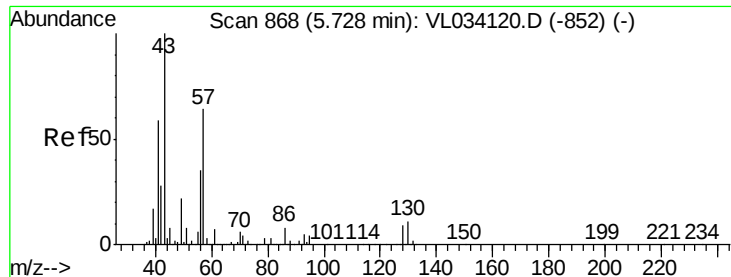
46 0.0 15.0 60.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

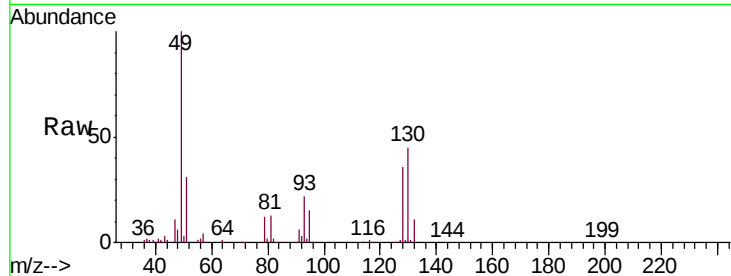




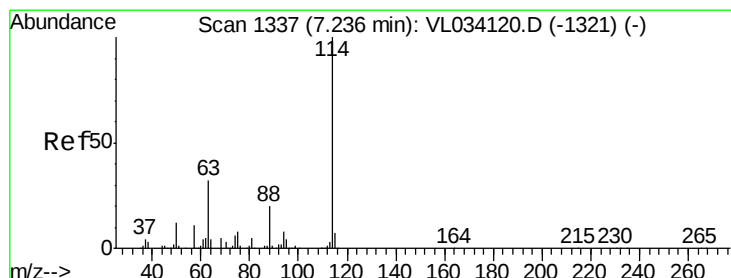
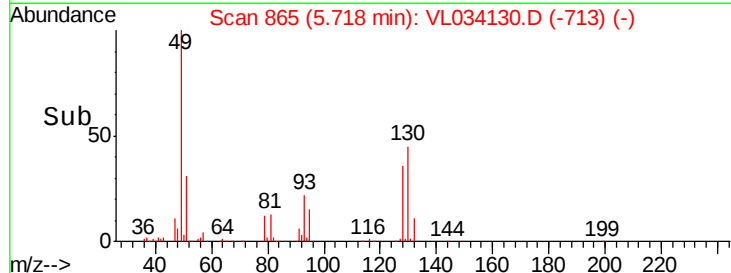
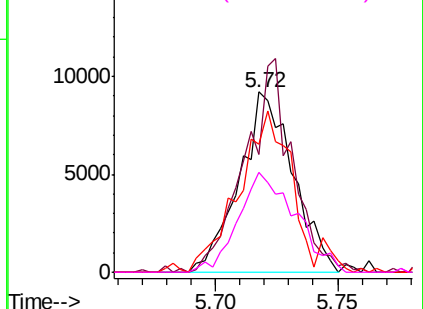
#26
Hexane
Concen: 0.106 ppbv
RT: 5.72 min Scan# 865
Delta R.T. -0.01 min
Lab File: VL034130.D
Acq: 5 Sep 2019 10:51

Instrument :
MSVOA_L
ClientSampleId :
QC082219 CAN 10262

Tgt Ion: 57 Resp: 14052
Ion Ratio Lower Upper
57 100
41 105.7 76.6 115.0
43 92.3 189.2 283.8#
56 58.9 43.0 64.4

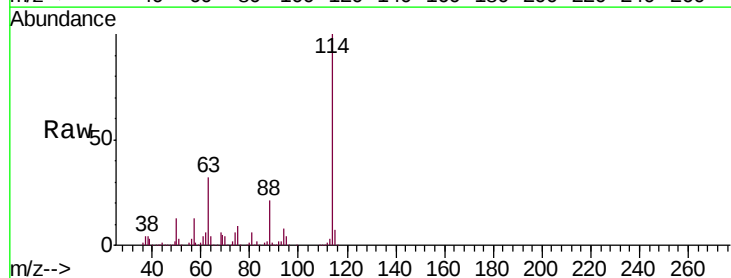


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

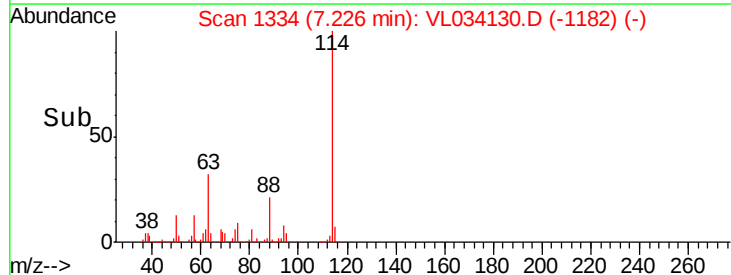
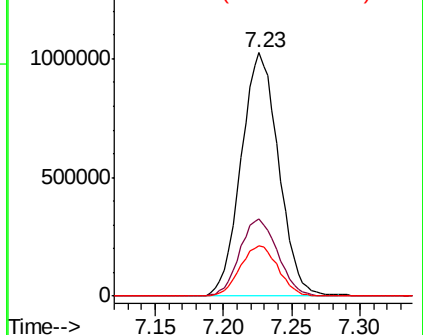


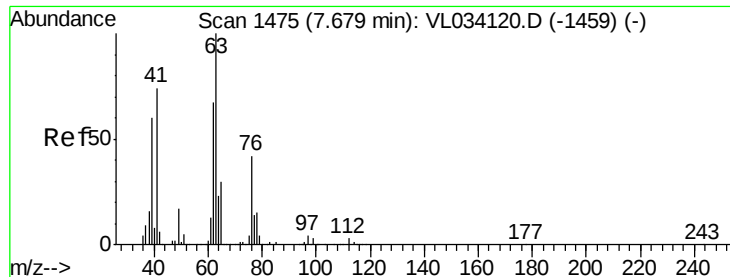
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.23 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VL034130.D
Acq: 5 Sep 2019 10:51

Tgt Ion: 114 Resp: 1959151
Ion Ratio Lower Upper
114 100
63 32.2 25.5 38.3
88 21.1 16.8 25.2



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

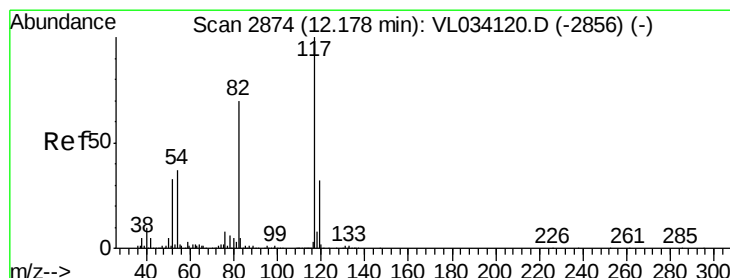
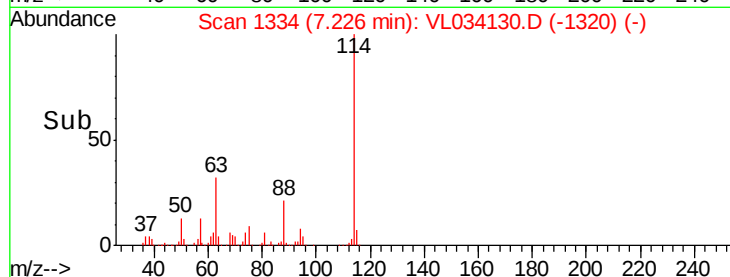
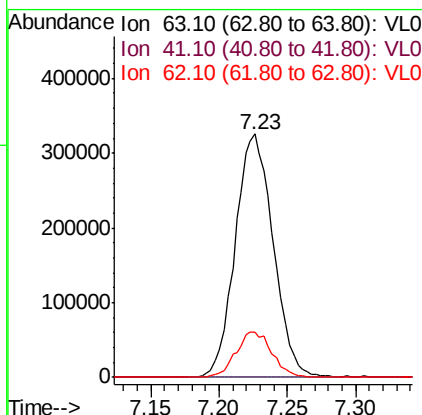
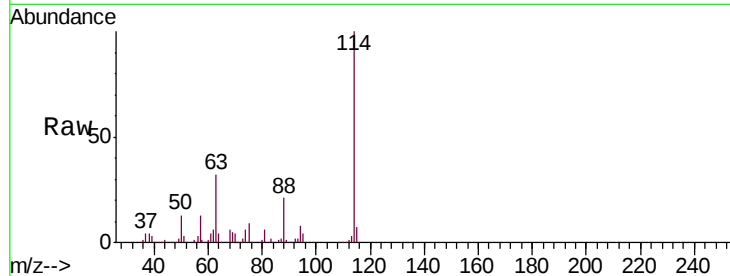




#39
 1,2-Dichloropropane
 Concen: 6.546 ppbv
 RT: 7.23 min Scan# 1334
 Delta R.T. -0.45 min
 Lab File: VL034130.D
 Acq: 5 Sep 2019 10:51

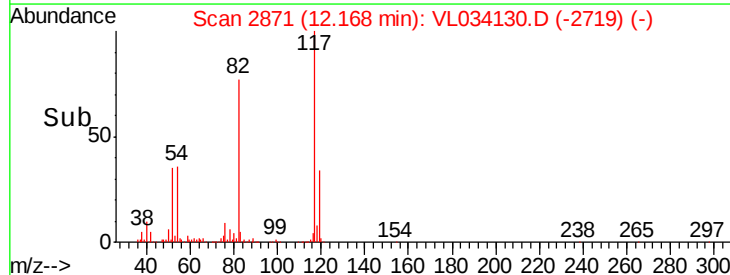
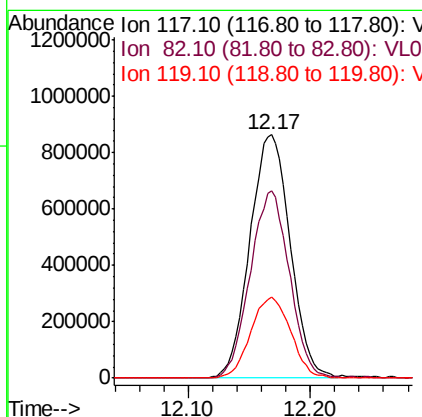
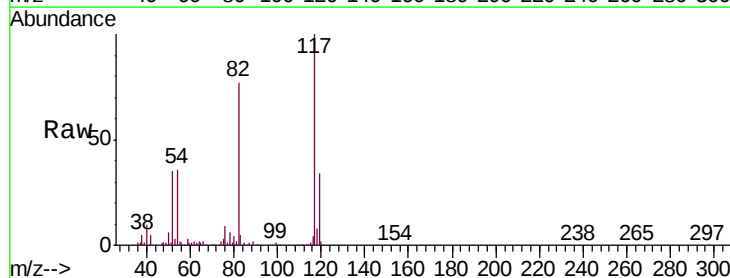
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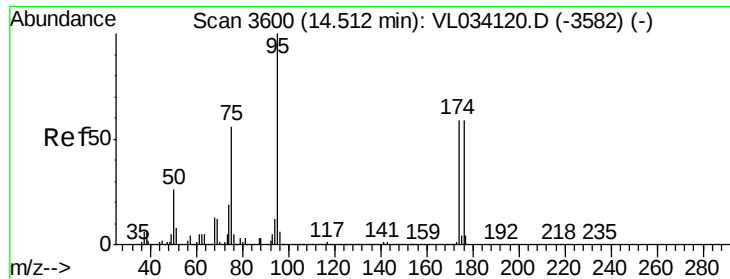
Tgt Ion: 63 Resp: 627302
 Ion Ratio Lower Upper
 63 100
 41 0.1 59.3 88.9#
 62 18.3 53.8 80.6#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.17 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: VL034130.D
 Acq: 5 Sep 2019 10:51

Tgt Ion: 117 Resp: 1974962
 Ion Ratio Lower Upper
 117 100
 82 75.5 55.8 83.6
 119 33.3 43.1 64.7#

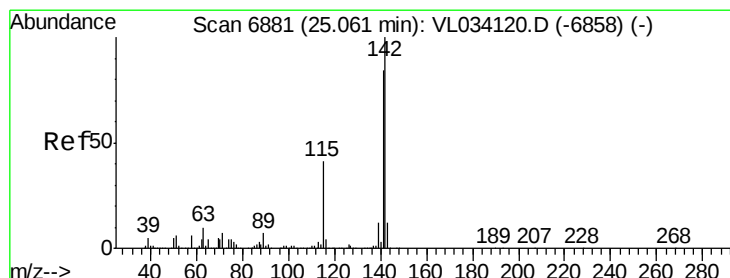
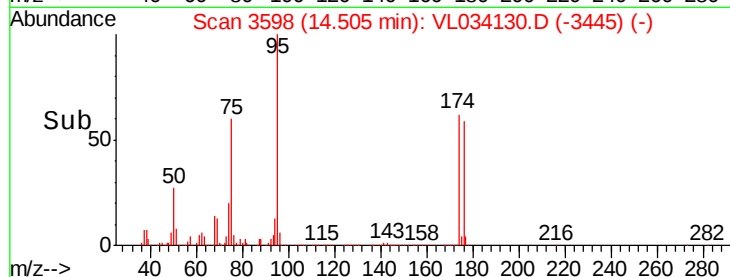
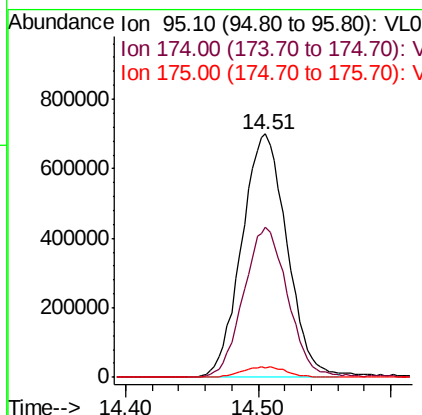
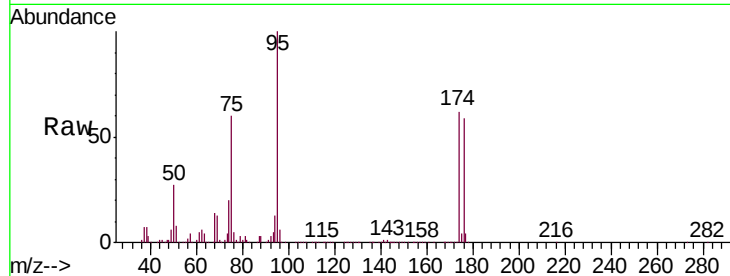




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.274 ppbv
 RT: 14.51 min Scan# 3598
 Delta R.T. -0.01 min
 Lab File: VL034130.D
 Acq: 5 Sep 2019 10:51

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082219 CAN 10262

Tgt Ion: 95 Resp: 1658753
 Ion Ratio Lower Upper
 95 100
 174 60.2 48.1 72.1
 175 4.4 3.5 5.3



#80
 Naphthalene, 2-methyl-
 Concen: 0.073 ppbv
 RT: 25.06 min Scan# 6882
 Delta R.T. 0.00 min
 Lab File: VL034130.D
 Acq: 5 Sep 2019 10:51

Tgt Ion: 142 Resp: 6827
 Ion Ratio Lower Upper
 142 100
 141 71.5 67.6 101.4
 115 50.4 34.6 52.0

