

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035897.D
 Acq On : 10 Nov 2020 20:30
 Operator : SY/AP
 Sample : OC111020 CAN 10279
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC111020 CAN 10279

Quant Time: Nov 11 01:24:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1072479	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3875168	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3767705	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2754493	10.29	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

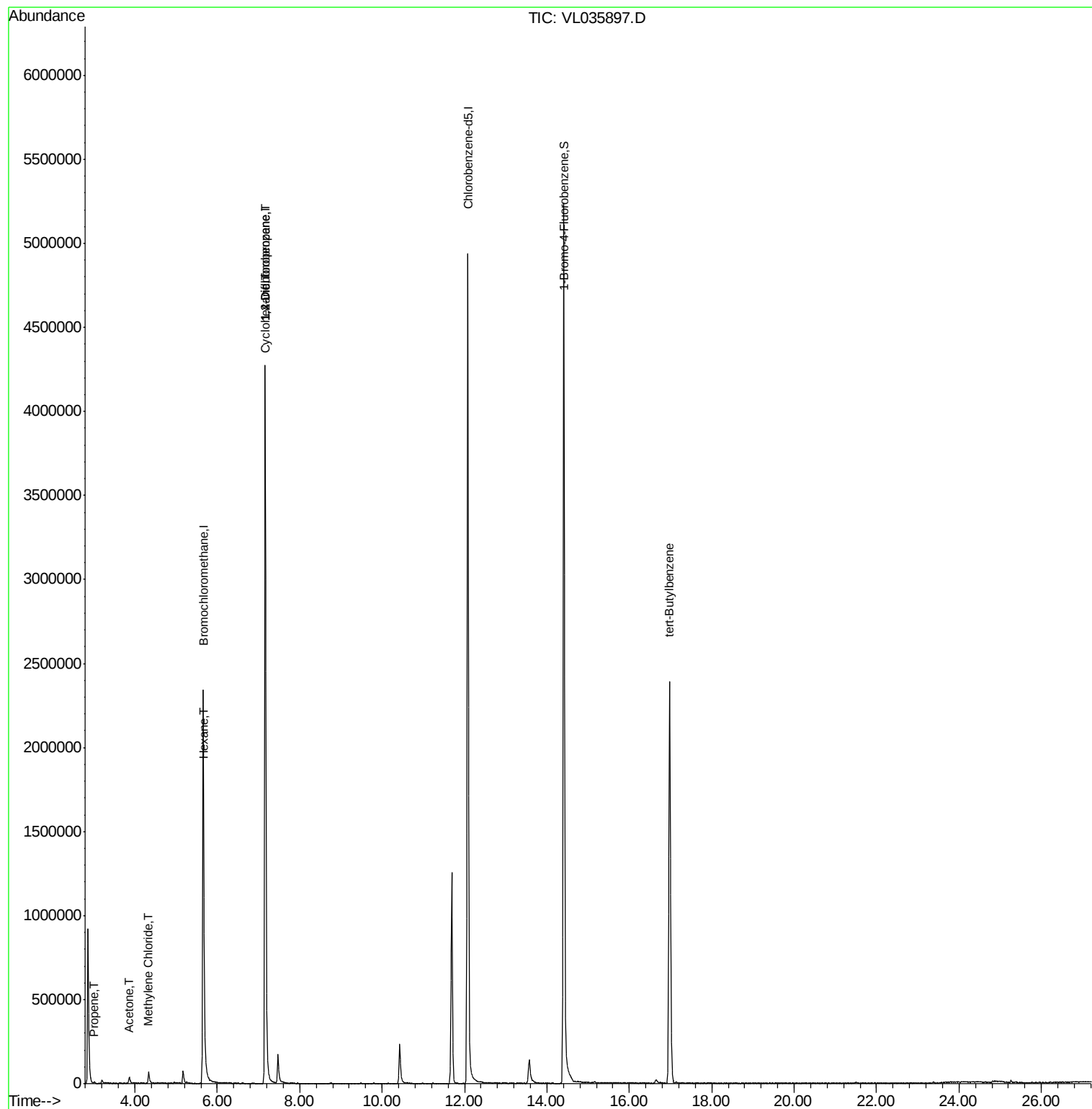
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	1481	0.032	ppbv #	6
15) Acetone	3.86	43	38736	0.338	ppbv #	26
20) Methylene Chloride	4.33	84	35720	0.443	ppbv	96
26) Hexane	5.68	57	5403	0.043	ppbv #	45
30) Cyclohexane	7.15	84	9895	0.073	ppbv #	6
39) 1,2-Dichloropropane	7.16	63	793804	8.184	ppbv #	31
65) tert-Butylbenzene	16.98	119	46753	0.087	ppbv #	26

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111020\
Data File : VL035897.D
Acq On : 10 Nov 2020 20:30
Operator : SY/AP
Sample : OC111020 CAN 10279
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC111020 CAN 10279

Quant Time: Nov 11 01:24:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

Instrument :

MSVOA_L

ClientSampleId :

QC111020 CAN 10279

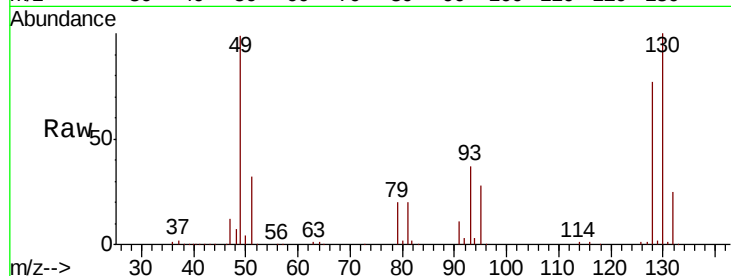
Tot Ion: 49 Resp: 1072479

Ion Ratio Lower Upper

49 100

128 79.9 41.5 124.6

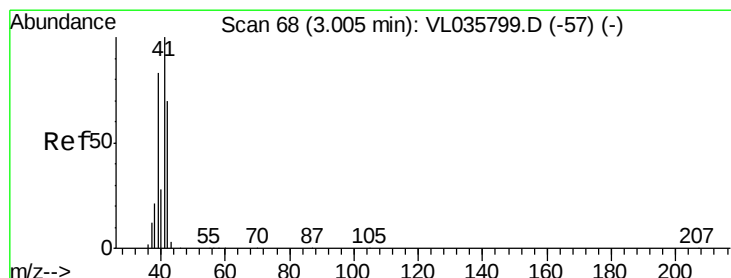
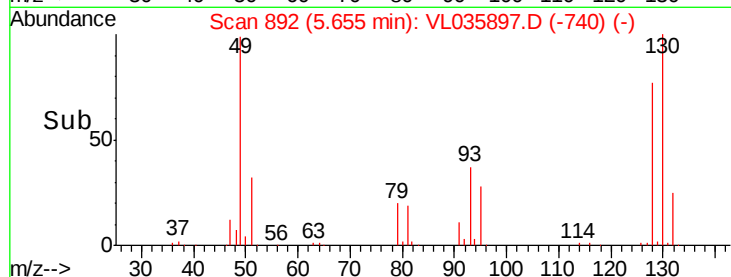
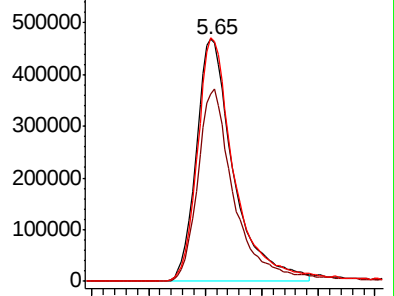
130 102.1 53.7 161.1



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



#9

Propene

Concen: 0.032 ppbv

RT: 3.01 min Scan# 68

Delta R.T. 0.00 min

Lab File: VL035897.D

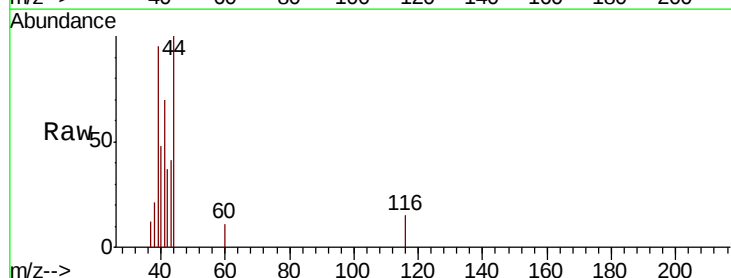
Acq: 10 Nov 2020 20:30

Tgt Ion: 41 Resp: 1481

Ion Ratio Lower Upper

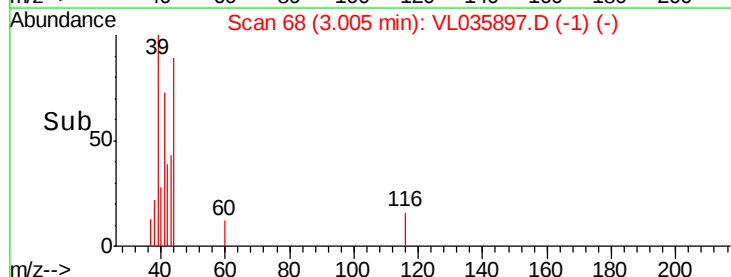
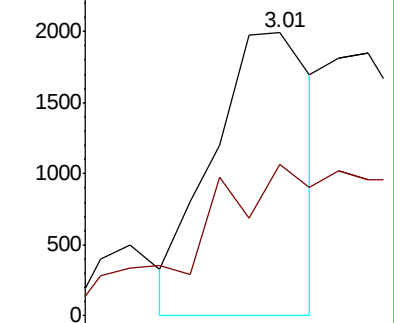
41 100

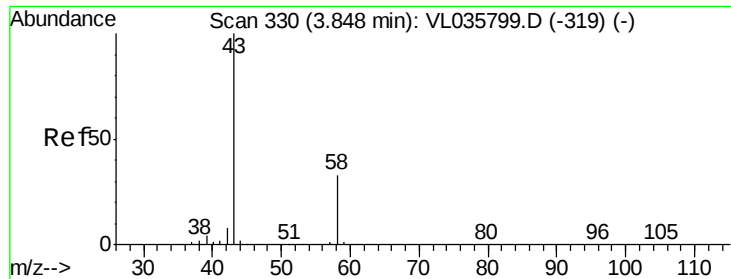
42 147.5 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.338 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

Instrument :

MSVOA_L

ClientSampleId :

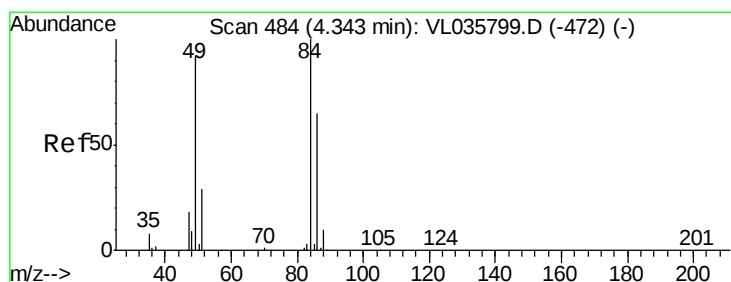
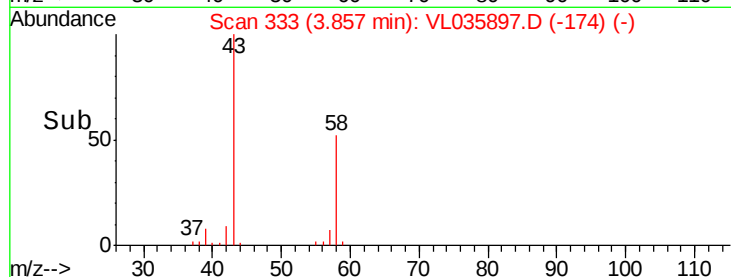
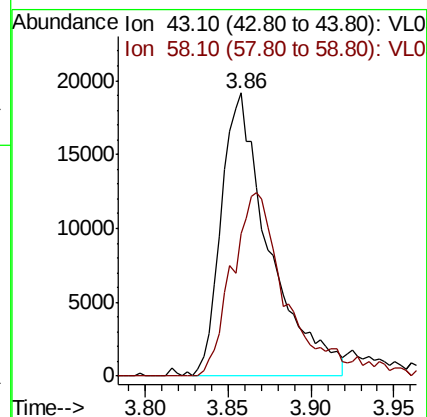
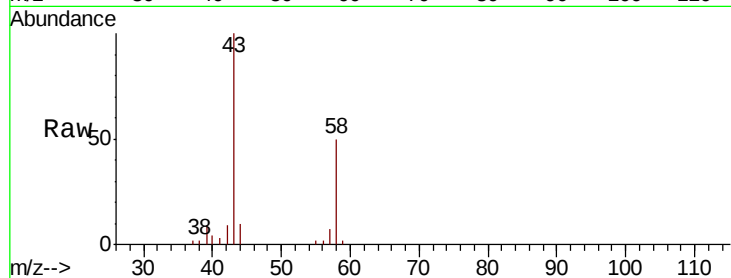
QC111020 CAN 10279

Tot Ion: 43 Resp: 38736

Ion Ratio Lower Upper

43 100

58 77.0 27.5 41.3#



#20

Methylene Chloride

Concen: 0.443 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.01 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

Tgt Ion: 84 Resp: 35720

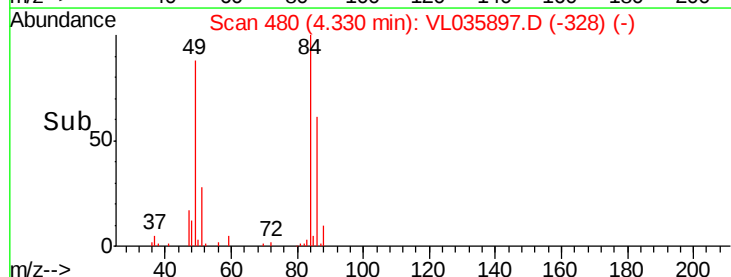
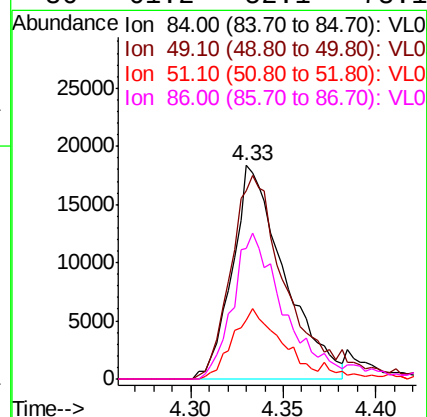
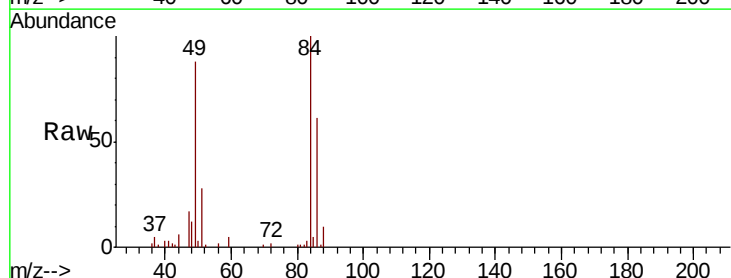
Ion Ratio Lower Upper

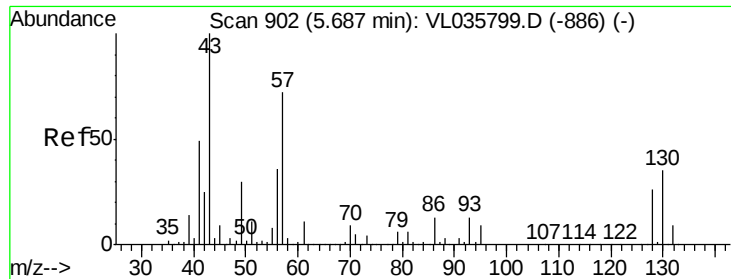
84 100

49 88.2 73.8 110.8

51 27.7 23.0 34.4

86 61.2 52.1 78.1

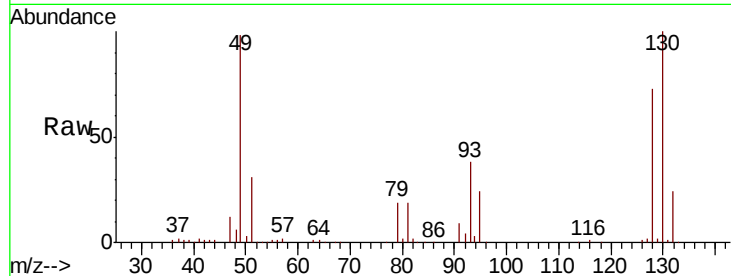




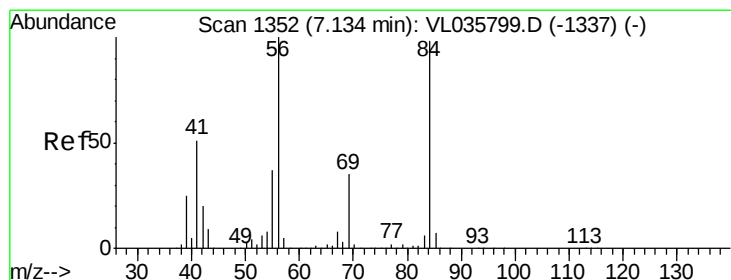
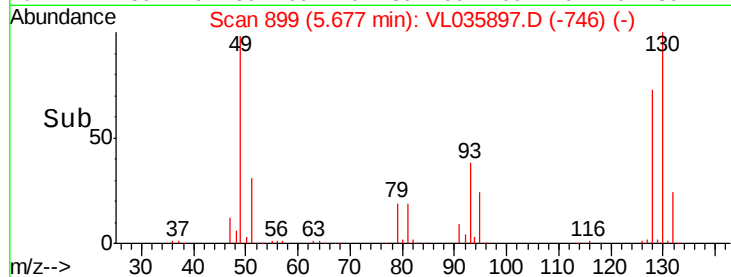
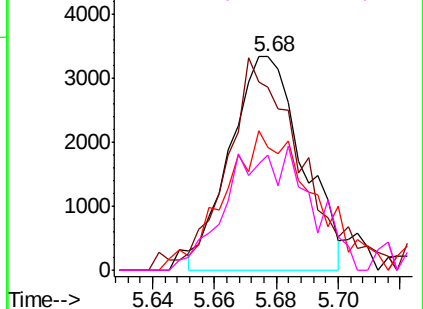
#26
Hexane
Concen: 0.043 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Instrument :
MSVOA_L
ClientSampleId :
QC111020 CAN 10279

Tot Ion: 57 Resp: 5403
Ion Ratio Lower Upper
57 100
41 105.2 58.9 88.3#
43 84.1 150.2 225.2#
56 69.9 42.4 63.6#

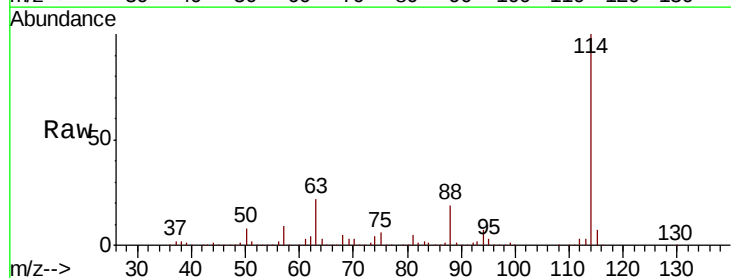


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

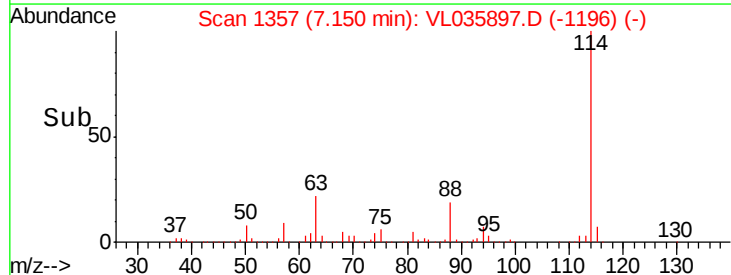
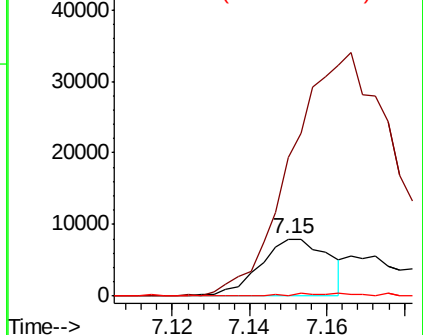


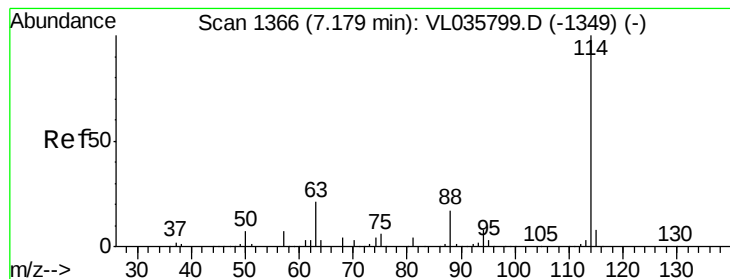
#30
Cyclohexane
Concen: 0.073 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.02 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Tgt Ion: 84 Resp: 9895
Ion Ratio Lower Upper
84 100
56 0.0 86.4 129.6#
41 0.0 42.1 63.1#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

Instrument :

MSVOA_L

ClientSampleId :

QC111020 CAN 10279

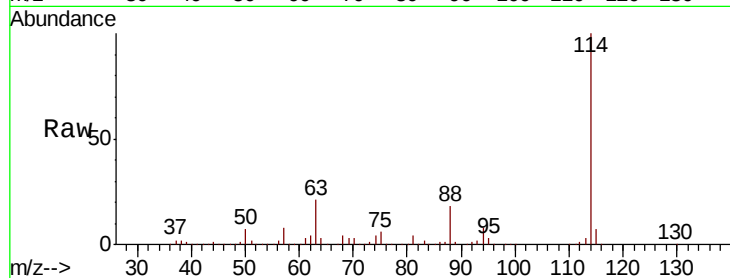
Tot Ion:114 Resp: 3875168

Ion Ratio Lower Upper

114 100

63 20.7 16.1 24.1

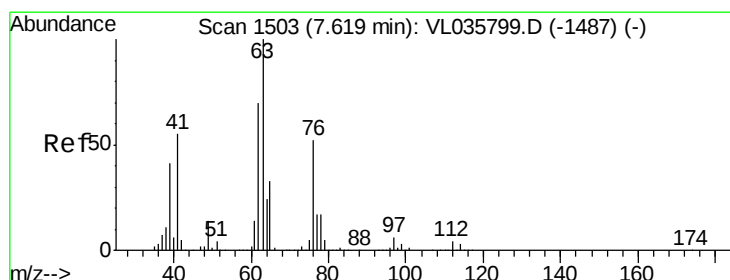
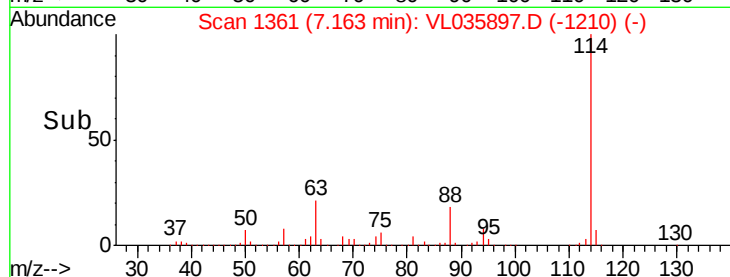
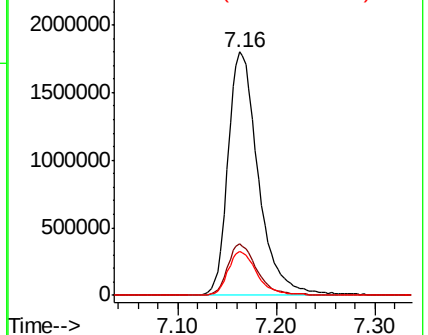
88 17.5 13.7 20.5



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: 8.184 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.46 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

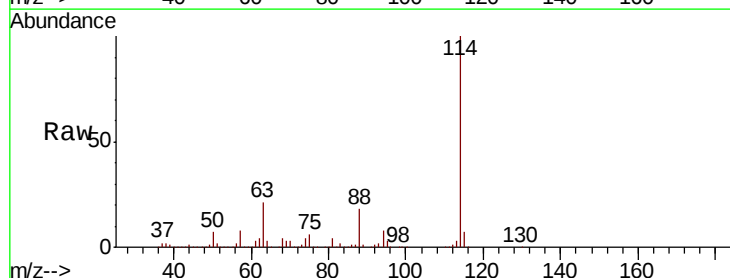
Tgt Ion: 63 Resp: 793804

Ion Ratio Lower Upper

63 100

41 0.0 43.8 65.6#

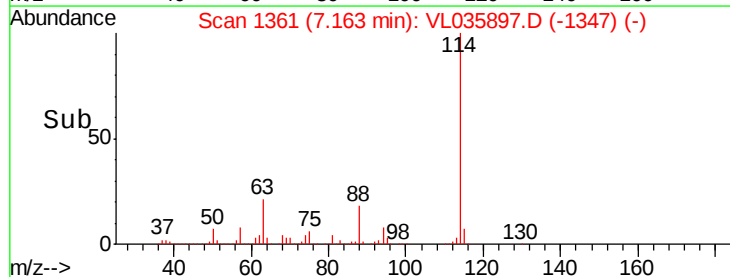
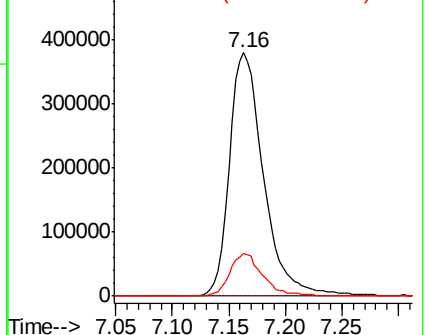
62 17.6 56.2 84.2#

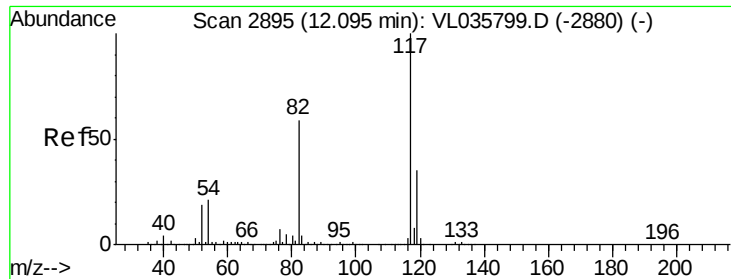


Abundance Ion 63.10 (62.80 to 63.80): VL0

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: 12.08 min Scan# 2890

Delta R.T. -0.02 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

Instrument :

MSVOA_L

ClientSampleId :

QC111020 CAN 10279

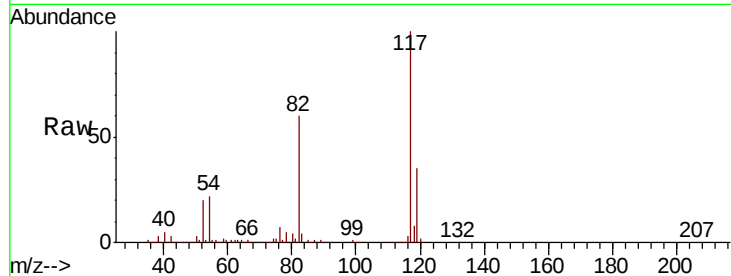
Tot Ion:117 Resp: 3767705

Ion Ratio Lower Upper

117 100

82 60.7 50.6 76.0

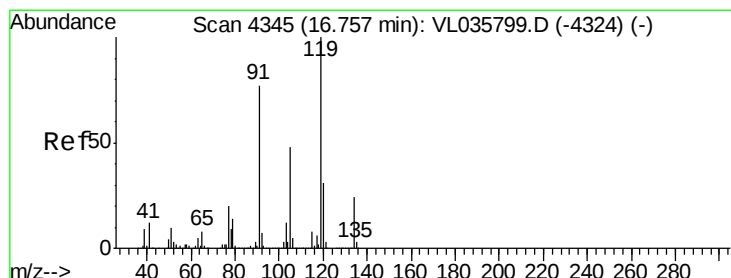
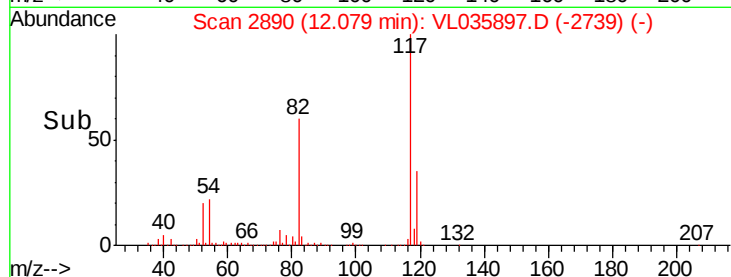
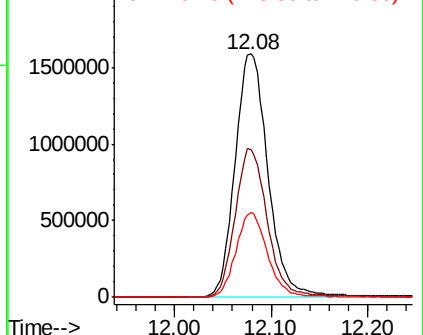
119 33.9 52.6 78.8#



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: 0.087 ppbv

RT: 16.98 min Scan# 4414

Delta R.T. 0.22 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

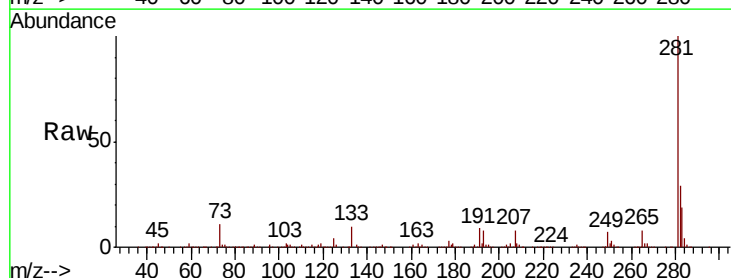
Tgt Ion:119 Resp: 46753

Ion Ratio Lower Upper

119 100

91 3.6 62.0 93.0#

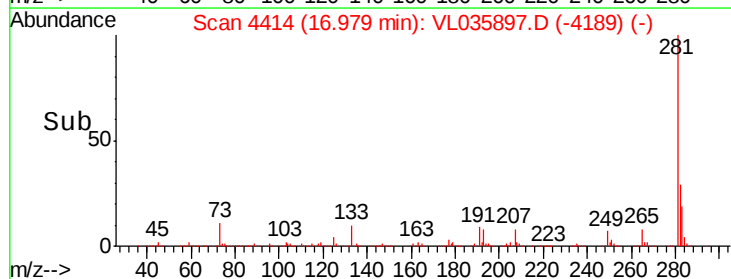
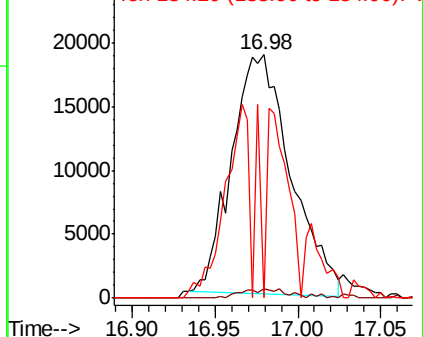
134 39.1 17.8 26.8#

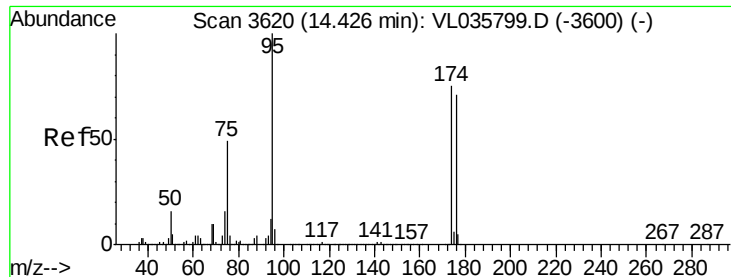


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.290 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.02 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

Instrument :

MSVOA_L

ClientSampleId :

QC111020 CAN 10279

Tot Ion: 95 Resp: 2754493

Ion Ratio Lower Upper

95 100

174 75.3 59.8 89.6

175 5.3 4.3 6.5

